

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119771.D
 Acq On : 6 Apr 2020 14:58
 Operator : MA/SJ
 Sample : PB128003BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Quant Time: Apr 06 15:27:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142814	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	543749	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	281193	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	533378	20.00	ng	0.00
76) Chrysene-d12	13.96	240	401299	20.00	ng	0.00
87) Perylene-d12	15.40	264	444436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1060774	118.24	ng	0.01
7) Phenol-d6	6.42	99	1351085	117.89	ng	0.00
23) Nitrobenzene-d5	7.35	82	829179	82.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	409052	141.01	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1585438	83.53	ng	0.00
79) Terphenyl-d14	12.90	244	1789083	87.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	147186	33.219	ng	98
3) Pyridine	3.26	79	410797	33.653	ng	98
4) n-Nitrosodimethylamine	3.21	42	232249	39.016	ng	98
6) Aniline	6.44	93	443076	28.013	ng	98
8) 2-Chlorophenol	6.56	128	428522	45.479	ng	99
9) Benzaldehyde	6.33	77	216869	29.831	ng	99
10) Phenol	6.43	94	542456	44.361	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	398880	40.785	ng	99
12) 1,3-Dichlorobenzene	6.72	146	430756	42.240	ng	98
13) 1,4-Dichlorobenzene	6.80	146	443035	43.433	ng	98
14) 1,2-Dichlorobenzene	6.95	146	416700	43.705	ng	100
15) Benzyl Alcohol	6.93	79	352693	40.913	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	732135	37.113	ng	100
17) 2-Methylphenol	7.04	107	338315	39.188	ng	98
18) Hexachloroethane	7.30	117	162314	43.421	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	285664	41.355	ng	99
20) 3+4-Methylphenols	7.19	107	424297	40.103	ng	# 76
22) Acetophenone	7.19	105	554337	42.665	ng	# 89
24) Nitrobenzene	7.36	77	441886	41.328	ng	99
25) Isophorone	7.60	82	782241	38.543	ng	97
26) 2-Nitrophenol	7.68	139	223632	53.120	ng	96
27) 2,4-Dimethylphenol	7.72	122	349139	40.107	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	485324	40.439	ng	99
29) 2,4-Dichlorophenol	7.93	162	338196	42.282	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	374832	42.375	ng	98
31) Naphthalene	8.09	128	1207593	43.156	ng	98
32) Benzoic acid	7.84	122	274543	49.029	ng	93
33) 4-Chloroaniline	8.14	127	246844	19.252	ng	97
34) Hexachlorobutadiene	8.21	225	214511	43.343	ng	99
35) Caprolactam	8.50	113	63922	24.419	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	368589	42.162	ng	96
37) 2-Methylnaphthalene	8.79	142	793980	43.235	ng	98
38) 1-Methylnaphthalene	8.88	142	759047	43.668	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	349015	42.346	ng	99

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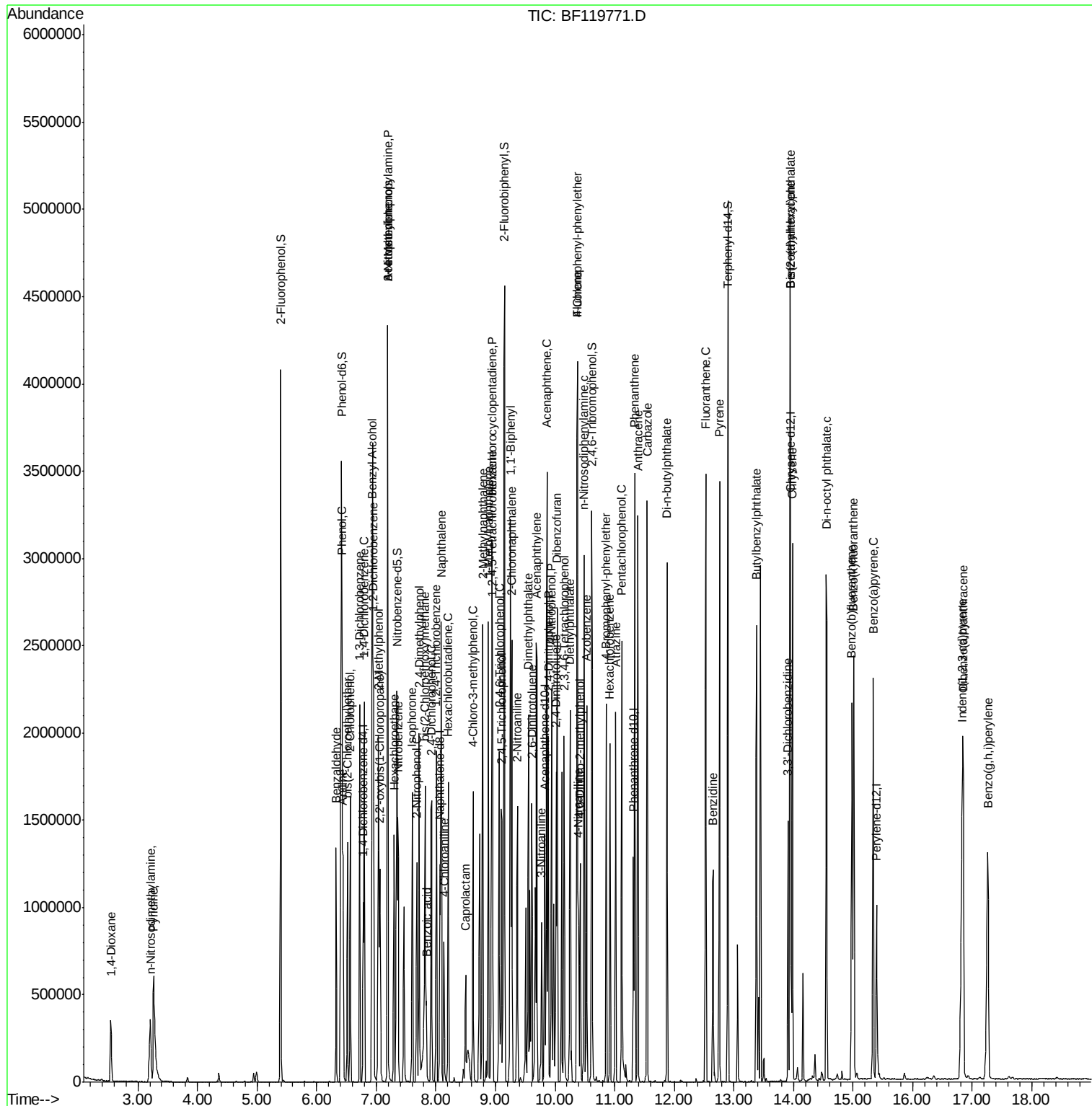
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	435551	92.954	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	251979	42.722	nq	100
44) 2,4,5-Trichlorophenol	9.10	196	272149	41.189	nq	93
46) 1,1'-Biphenyl	9.25	154	970381	42.371	nq	97
47) 2-Chloronaphthalene	9.27	162	758613	42.288	nq	97
48) 2-Nitroaniline	9.37	65	261537	42.238	nq	95
49) Acenaphthylene	9.69	152	1184626	42.051	nq	97
50) Dimethylphthalate	9.55	163	850432	42.579	nq	100
51) 2,6-Dinitrotoluene	9.61	165	194058	45.328	nq #	89
52) Acenaphthene	9.86	154	781421	44.494	nq	99
53) 3-Nitroaniline	9.78	138	139014	25.720	nq	90
54) 2,4-Dinitrophenol	9.89	184	245707	127.852	nq	91
55) Dibenzofuran	10.03	168	1068972	42.454	nq	100
56) 4-Nitrophenol	9.95	139	363998	85.371	nq	94
57) 2,4-Dinitrotoluene	10.02	165	261806	48.545	nq	92
58) Fluorene	10.37	166	822489	44.172	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	226996	45.961	nq	98
60) Diethylphthalate	10.25	149	862836	42.564	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	394607	43.337	nq	99
62) 4-Nitroaniline	10.39	138	209180	40.360	nq	99
63) Azobenzene	10.53	77	831390	40.727	nq	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	148773	66.518	nq	84
66) n-Nitrosodiphenylamine	10.49	169	778905	44.483	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	252723	41.604	nq	98
68) Hexachlorobenzene	10.93	284	272666	43.857	nq #	88
69) Atrazine	11.02	200	235406	49.039	nq	100
70) Pentachlorophenol	11.12	266	329626	90.422	nq	99
71) Phenanthrene	11.34	178	1222119	44.188	nq	99
72) Anthracene	11.39	178	1257259	44.728	nq	98
73) Carbazole	11.55	167	1221753	43.913	nq	98
74) Di-n-butylphthalate	11.88	149	1371279	46.074	nq	99
75) Fluoranthene	12.53	202	1314209	43.907	nq	98
77) Benzidine	12.65	184	488505	28.764	nq	98
78) Pyrene	12.76	202	1342565	40.765	nq	98
80) Butylbenzylphthalate	13.38	149	569872	42.782	nq	100
81) Benzo(a)anthracene	13.94	228	1100830	42.184	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	308630	29.995	nq	98
83) Chrysene	13.99	228	1170939	43.478	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	737361	46.436	nq	99
85) Di-n-octyl phthalate	14.55	149	1361353	48.747	nq	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1307821	51.561	nq	99
88) Benzo(b)fluoranthene	14.98	252	1219534	41.078	nq	98
89) Benzo(k)fluoranthene	15.02	252	1060043	37.498	nq	98
90) Benzo(a)pyrene	15.34	252	1107903	41.063	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	1083156	45.899	nq	99
92) Benzo(g,h,i)perylene	17.26	276	1127934	47.576	nq	98

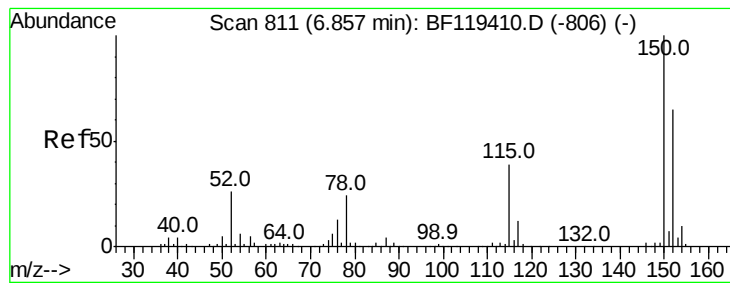
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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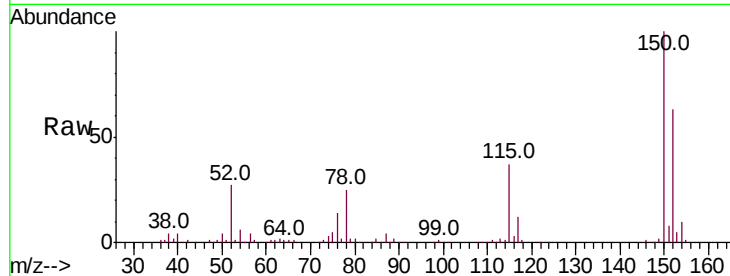


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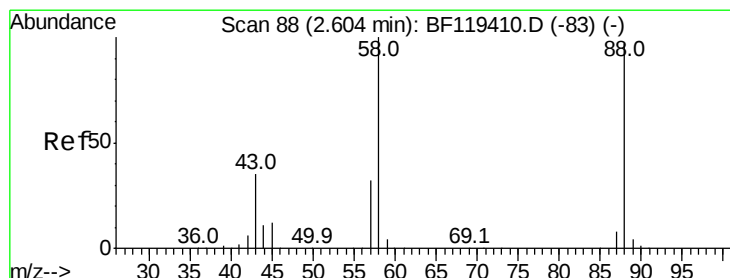
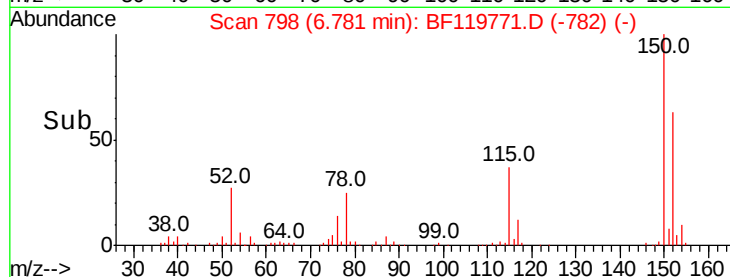
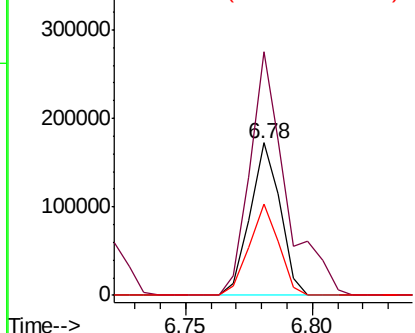
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:152 Resp: 142814
Ion Ratio Lower Upper
152 100
150 159.9 124.5 186.7
115 59.7 49.6 74.4



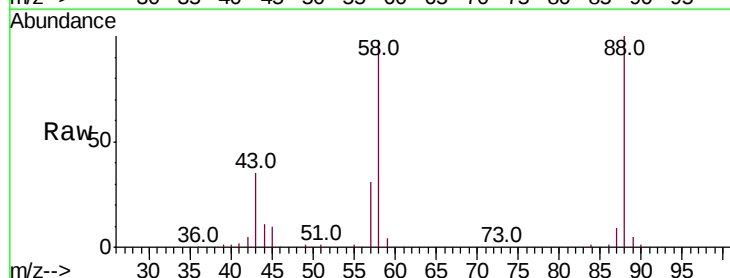
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



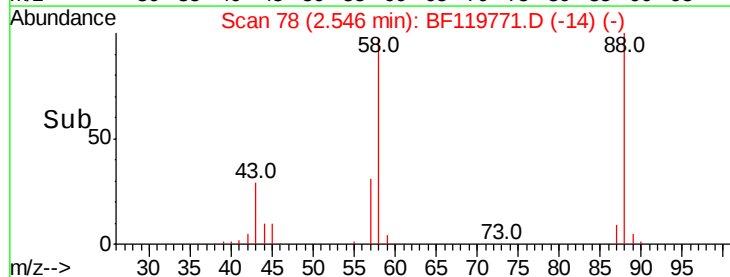
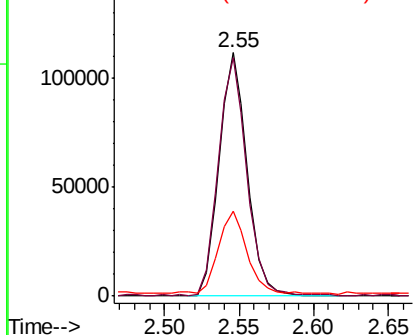
#2

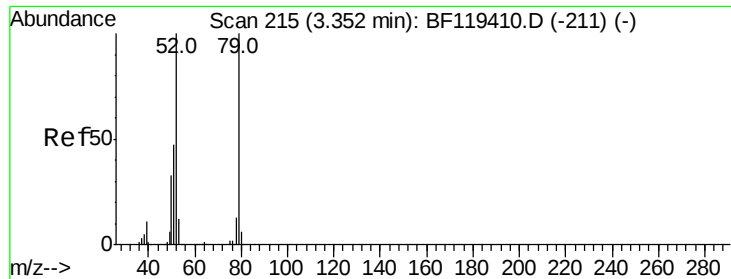
1,4-Dioxane
Concen: 33.219 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.08 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion: 88 Resp: 147186
Ion Ratio Lower Upper
88 100
58 98.5 80.6 121.0
43 34.2 27.5 41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.653 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.07 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

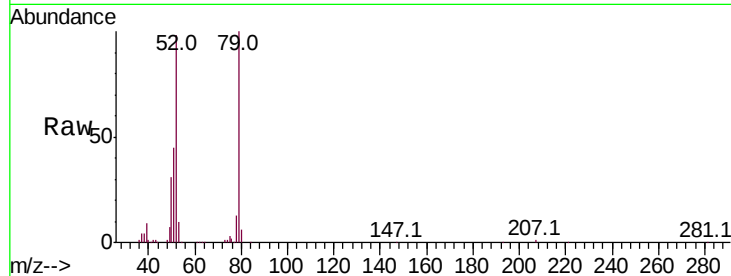
Tot Ion: 79 Resp: 410797

Ion Ratio Lower Upper

79 100

52 98.1 80.2 120.2

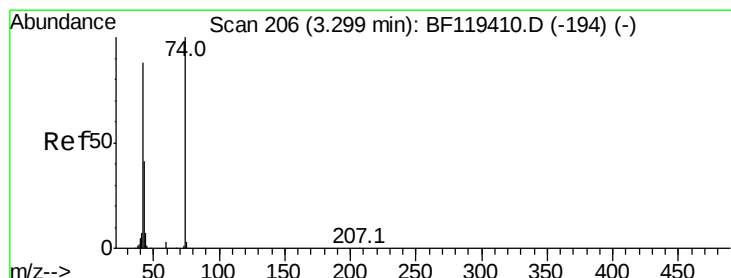
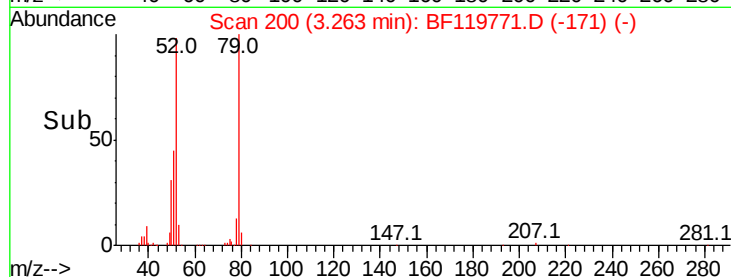
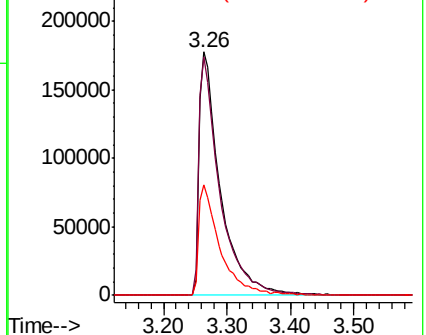
51 45.3 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.016 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.06 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

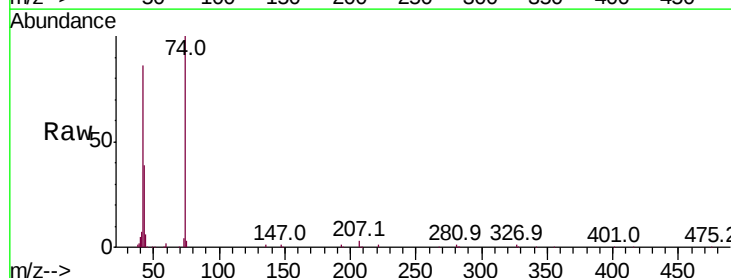
Tgt Ion: 42 Resp: 232249

Ion Ratio Lower Upper

42 100

74 115.9 91.5 137.3

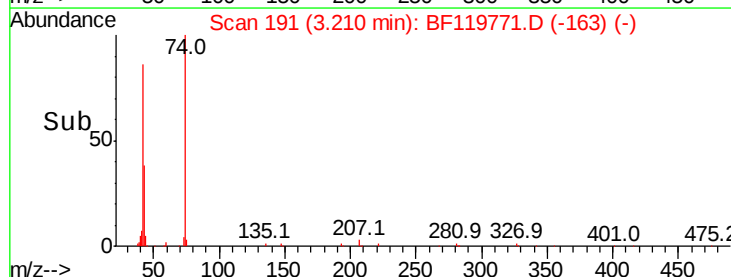
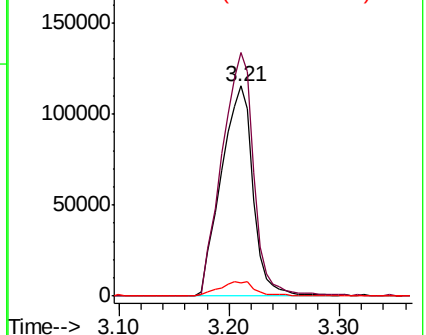
44 6.4 6.2 9.4

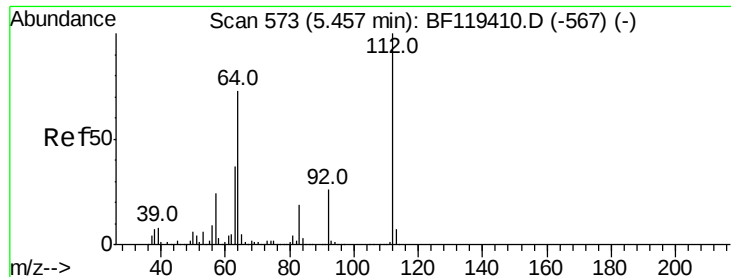


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.241 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

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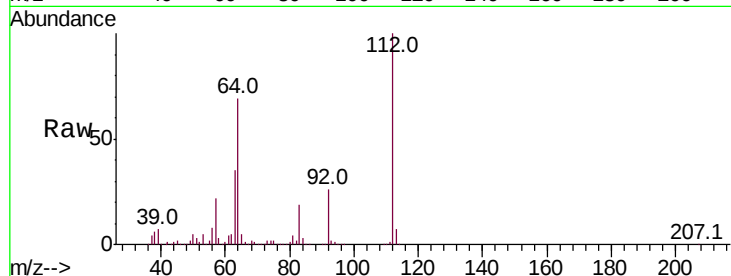
Tot Ion:112 Resp: 1060774

Ion Ratio Lower Upper

112 100

64 69.2 56.7 85.1

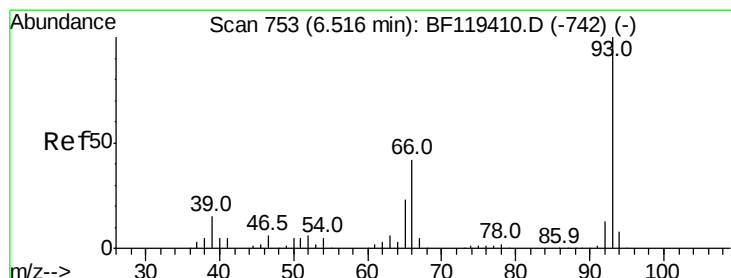
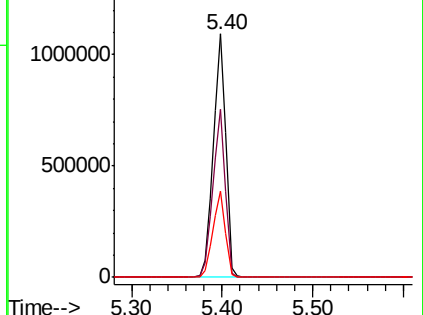
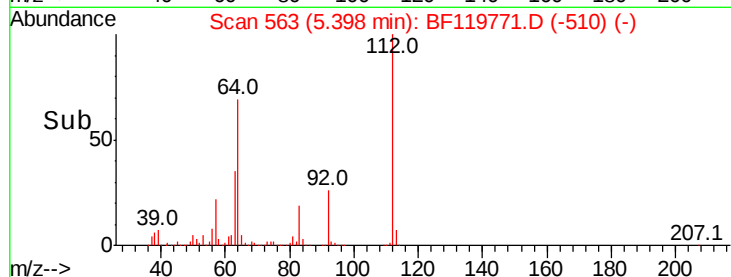
63 35.5 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.013 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

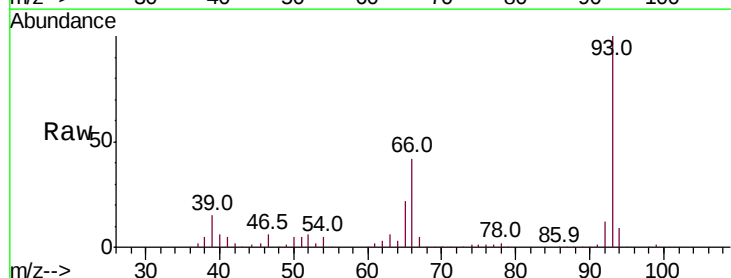
Tgt Ion: 93 Resp: 443076

Ion Ratio Lower Upper

93 100

66 42.3 34.9 52.3

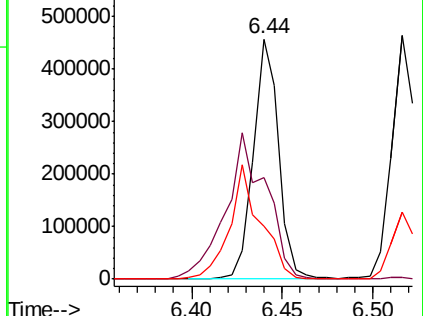
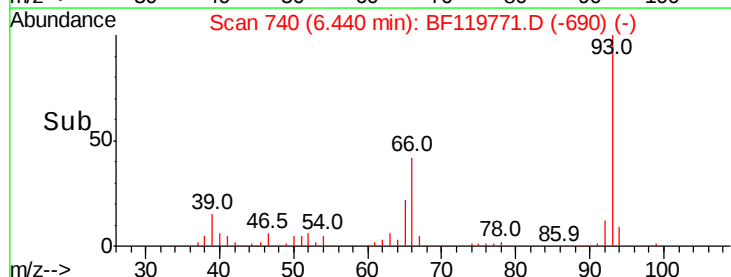
65 22.0 18.6 27.8

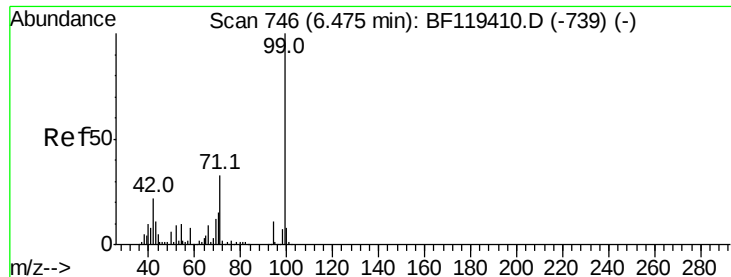


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.894 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

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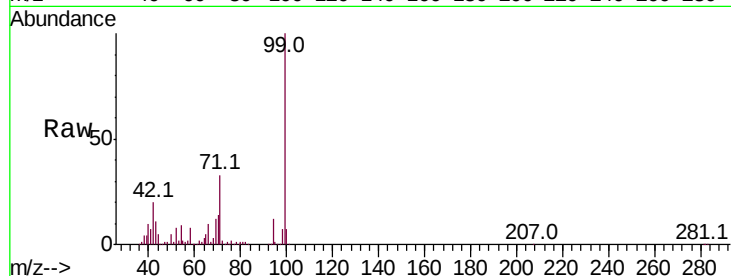
Tot Ion: 99 Resp: 1351085

Ion Ratio Lower Upper

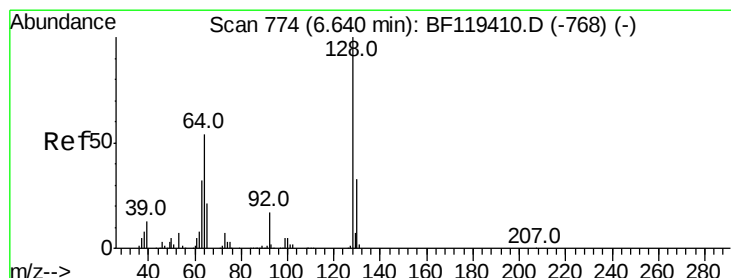
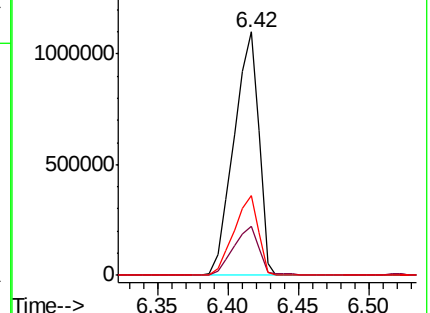
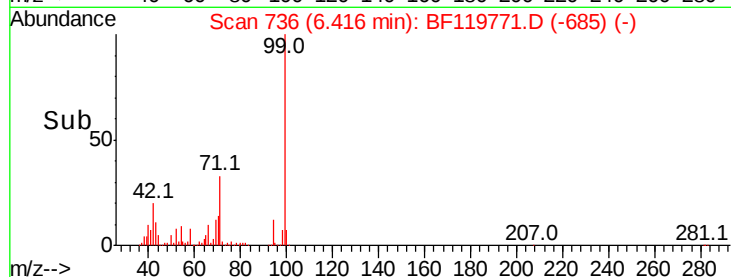
99 100

42 20.3 16.6 24.8

71 32.5 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.479 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF119771.D

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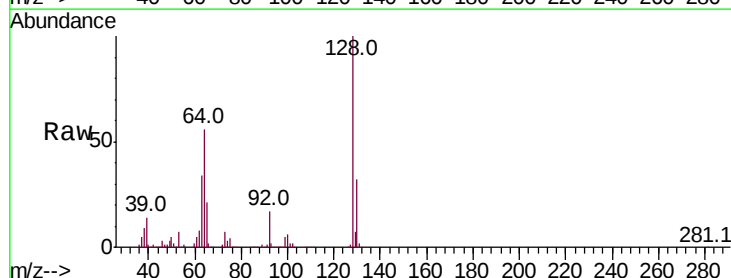
Tgt Ion: 128 Resp: 428522

Ion Ratio Lower Upper

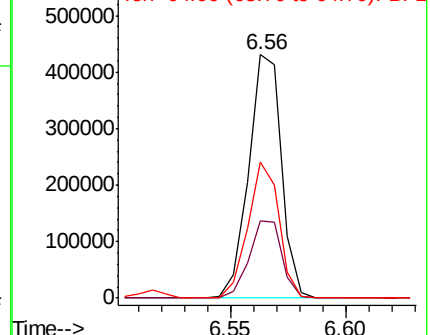
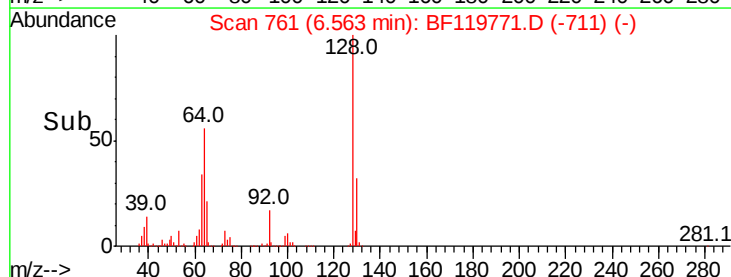
128 100

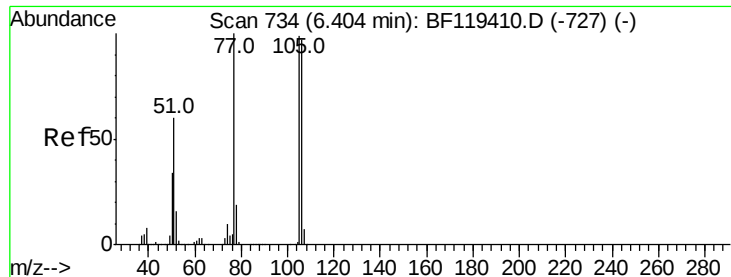
130 31.8 12.6 52.6

64 56.1 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.831 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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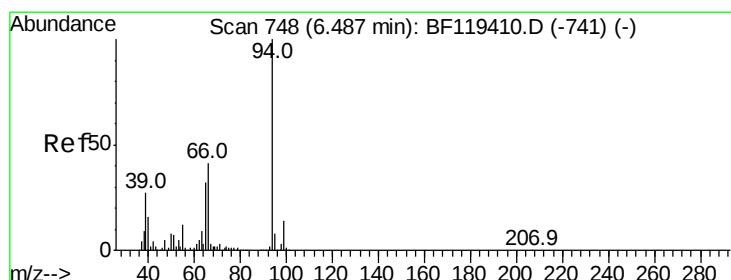
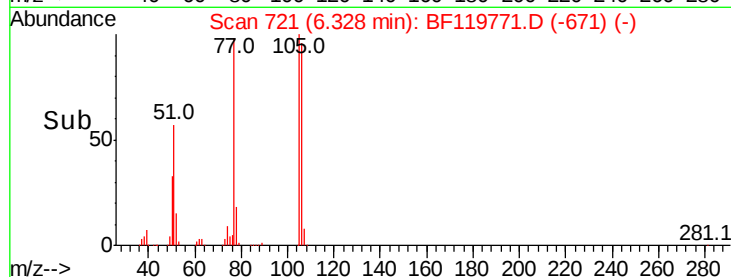
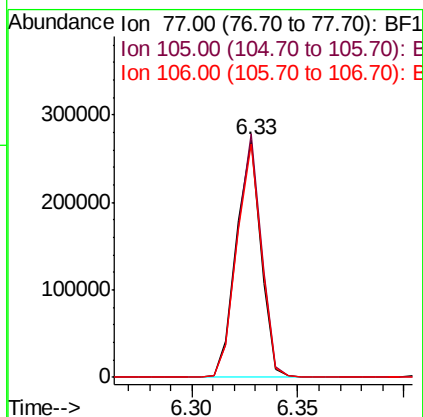
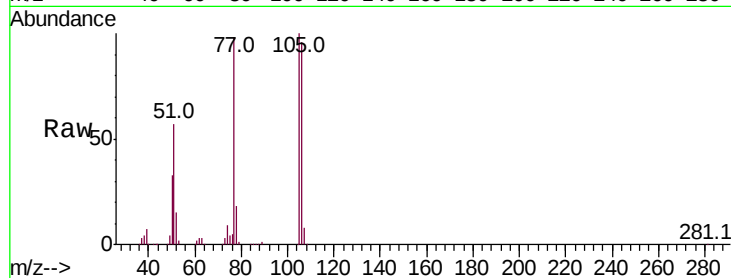
Tot Ion: 77 Resp: 216869

Ion Ratio Lower Upper

77 100

105 102.5 80.9 120.9

106 98.3 77.9 117.9



#10

Phenol

Concen: 44.361 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

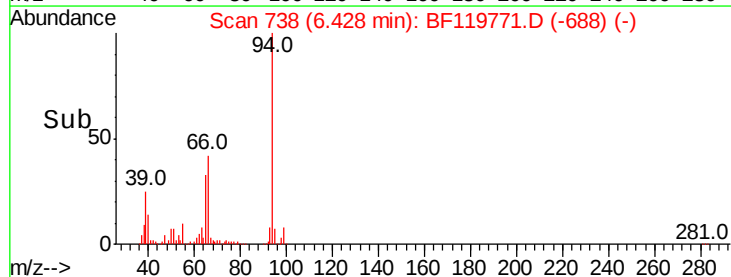
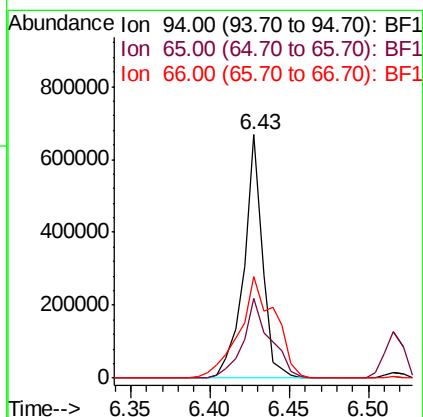
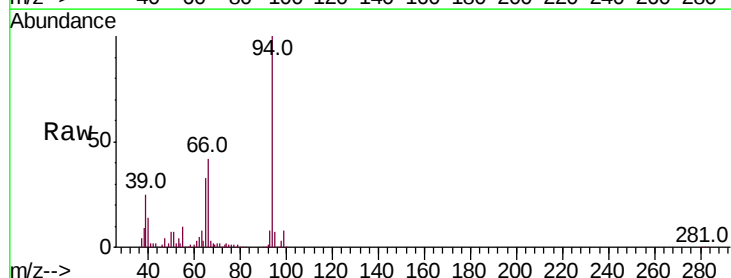
Tgt Ion: 94 Resp: 542456

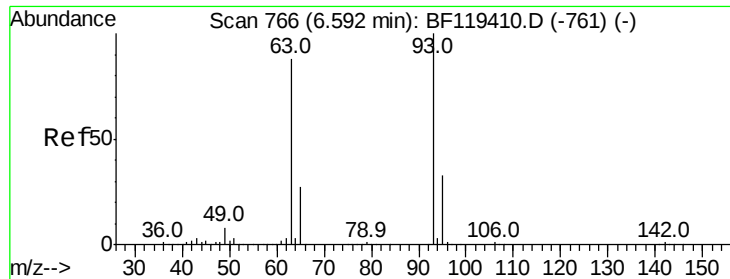
Ion Ratio Lower Upper

94 100

65 32.7 13.2 53.2

66 41.6 22.3 62.3

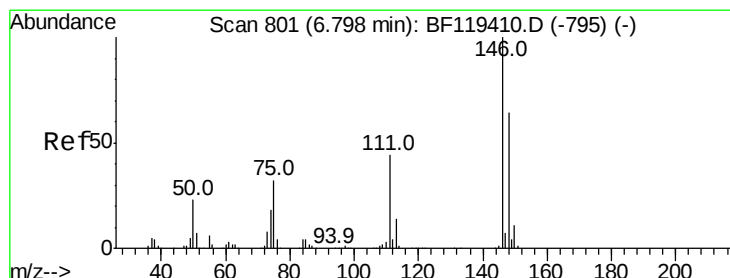
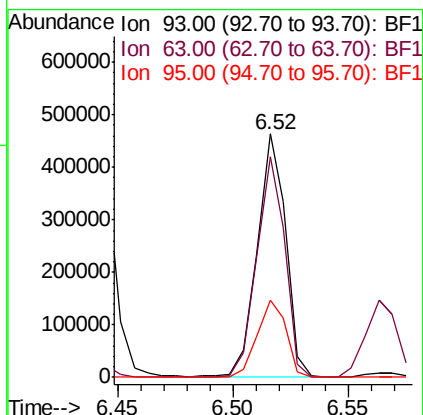
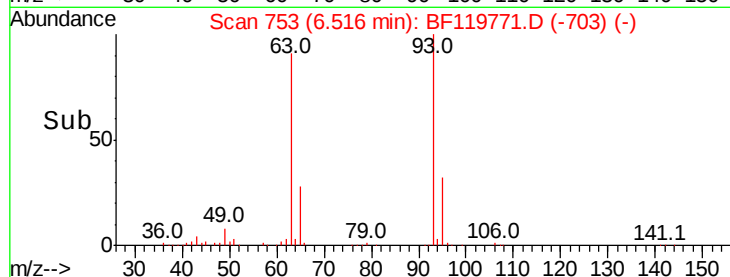
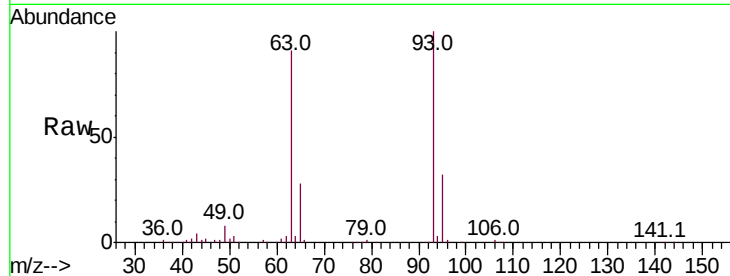




#11
bis(2-Chloroethyl)ether
Concen: 40.785 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

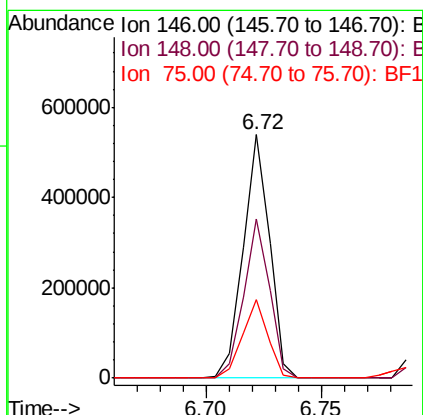
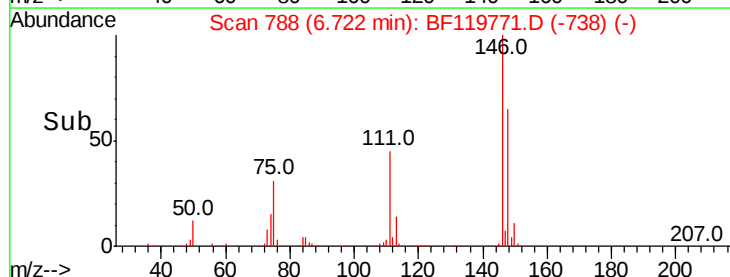
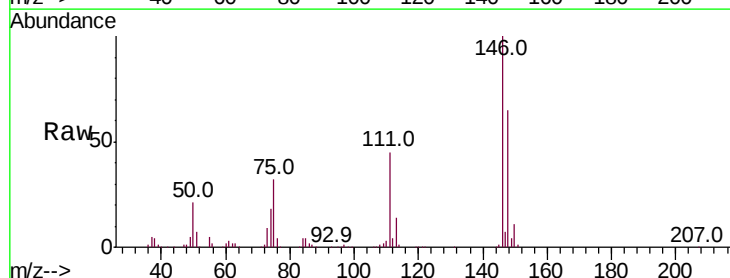
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

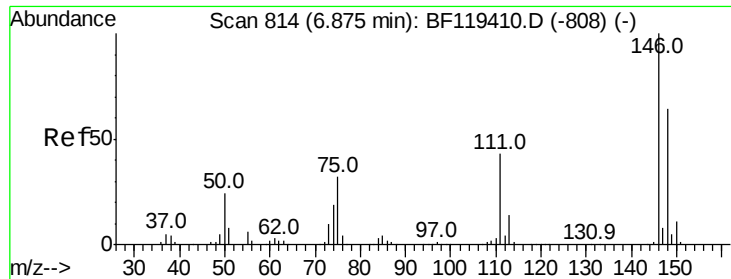
Tot Ion: 93 Resp: 398880
Ion Ratio Lower Upper
93 100
63 90.9 70.2 110.2
95 32.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 42.240 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion: 146 Resp: 430756
Ion Ratio Lower Upper
146 100
148 65.2 52.2 78.4
75 32.1 23.0 34.4

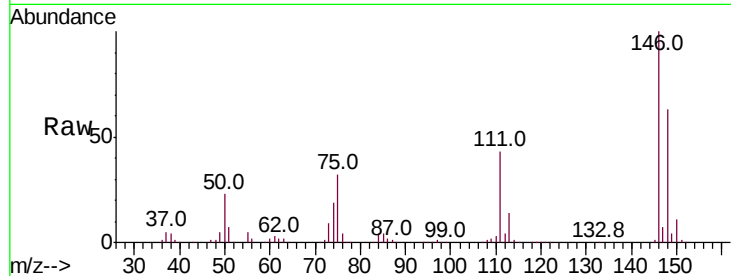




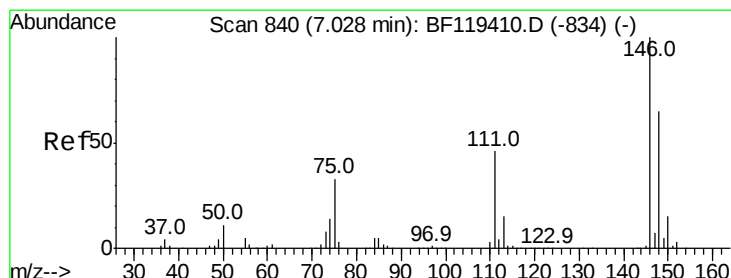
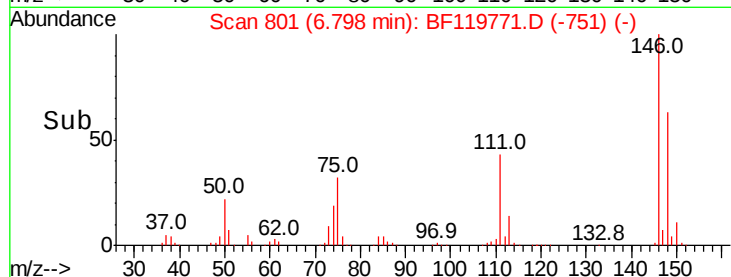
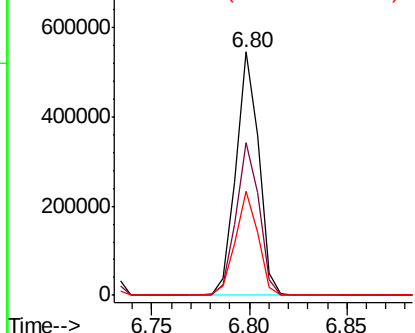
#13
 1,4-Dichlorobenzene
 Concen: 43.433 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.5	77.3
111	43.0	33.3	49.9

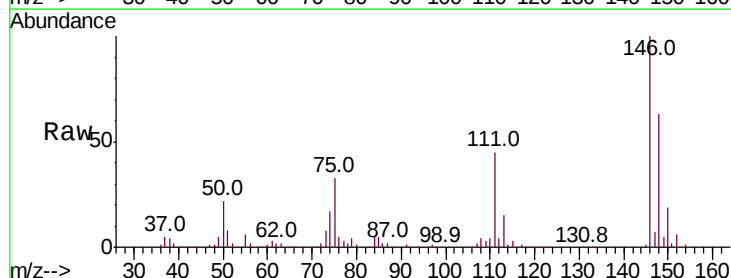


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

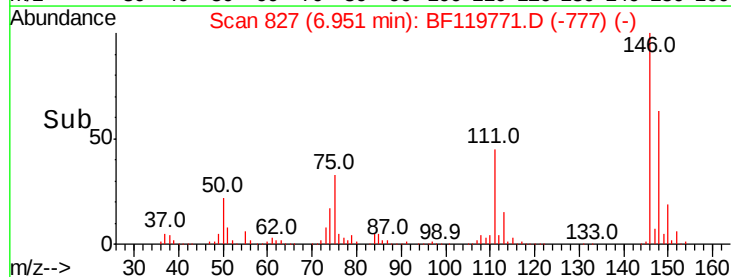
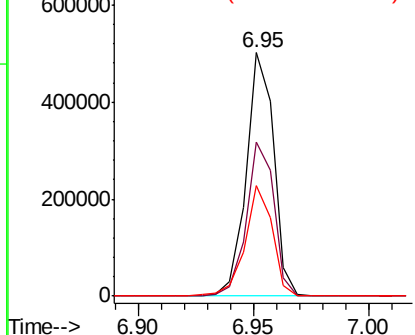


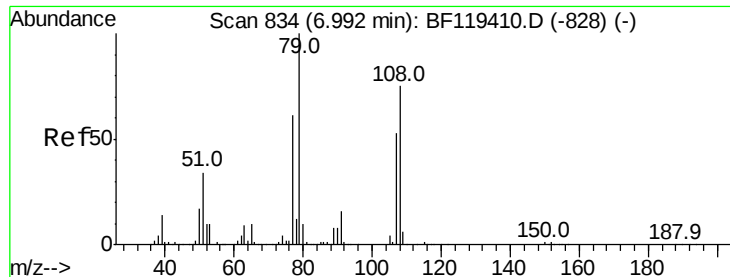
#14
 1,2-Dichlorobenzene
 Concen: 43.705 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	45.4	36.1	54.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.913 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

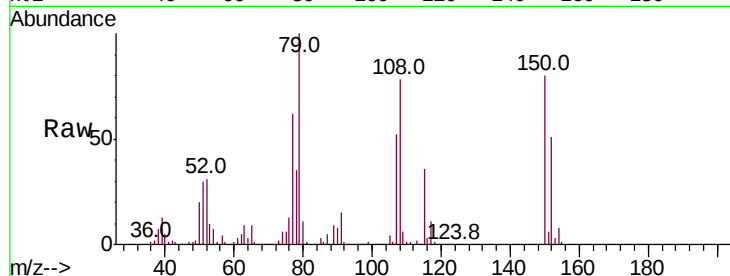
Tot Ion: 79 Resp: 352693

Ion Ratio Lower Upper

79 100

108 78.3 60.6 90.8

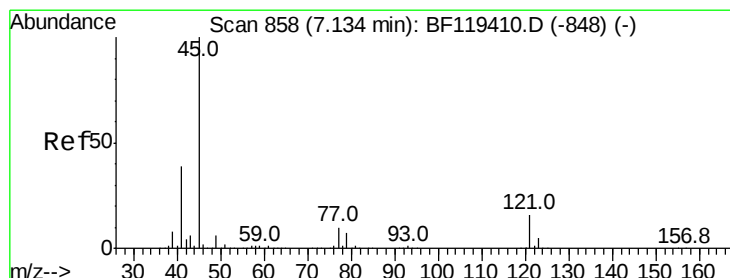
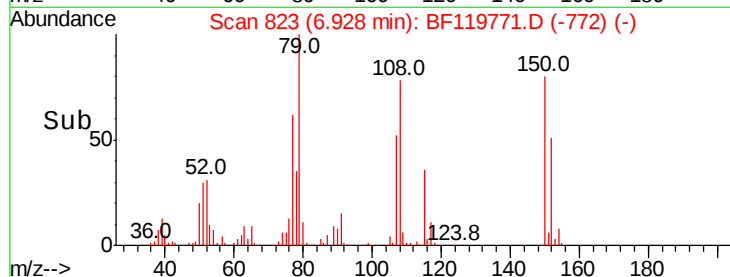
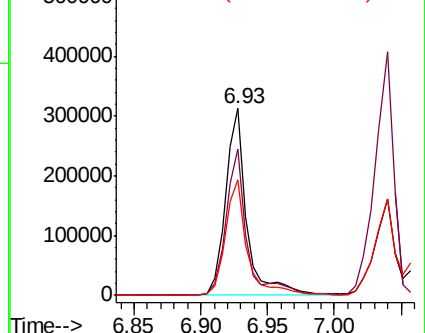
77 61.7 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.113 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

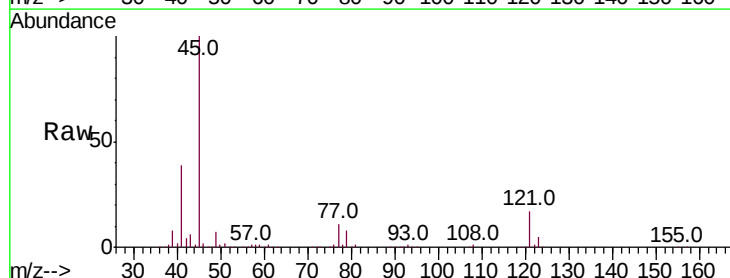
Tgt Ion: 45 Resp: 732135

Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.7

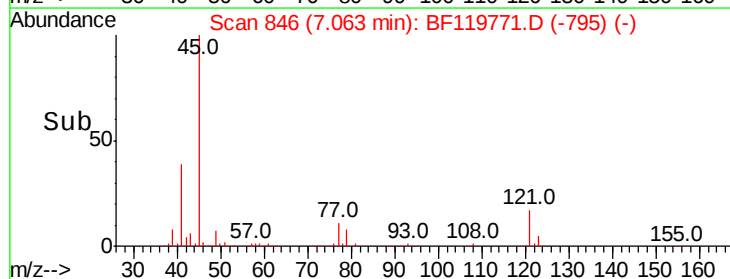
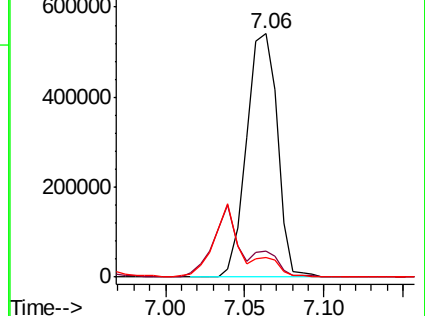
79 8.2 0.0 28.2

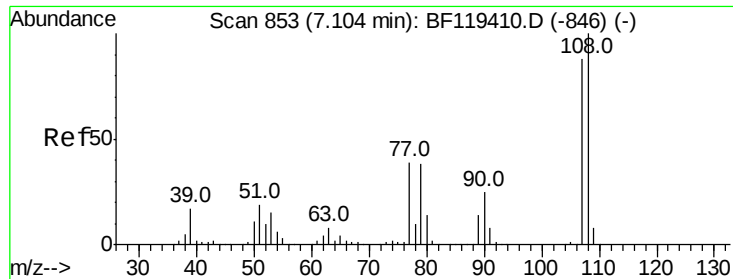


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

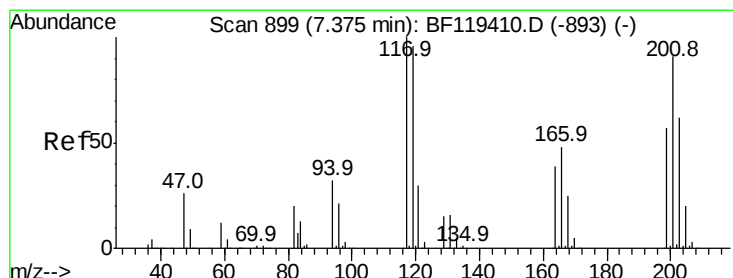
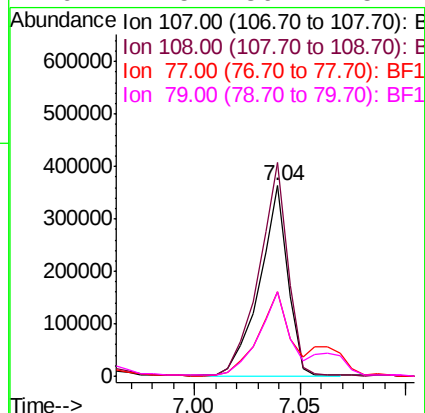
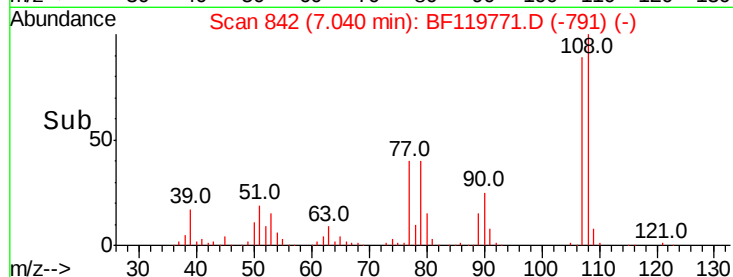
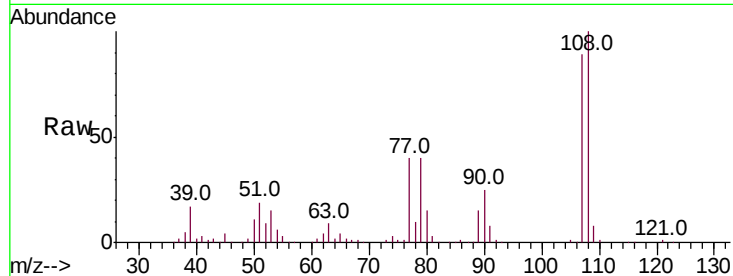




#17
2-Methylphenol
Concen: 39.188 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

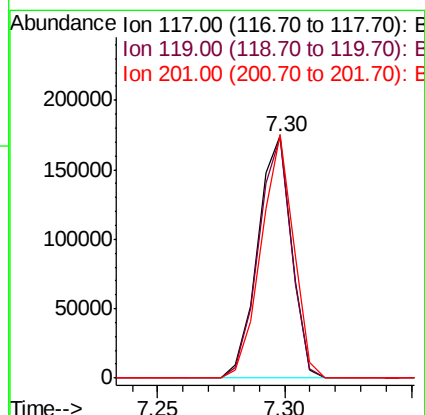
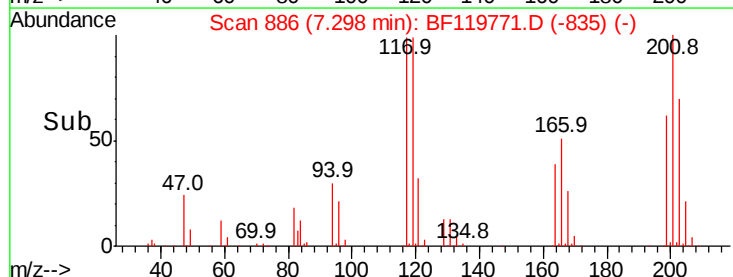
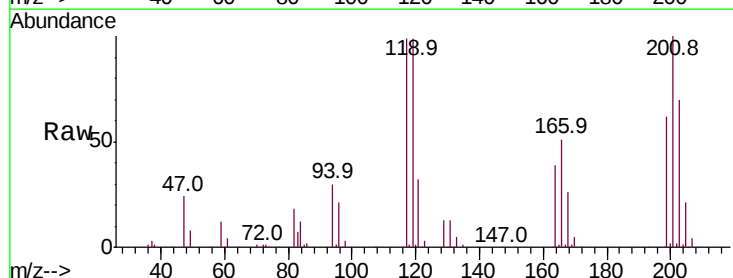
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

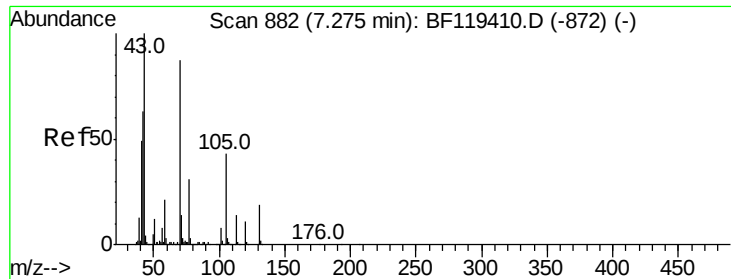
Tot Ion:	107	Resp:	338315
Ion	Ratio	Lower	Upper
107	100		
108	112.1	92.2	138.4
77	44.5	36.6	54.8
79	44.5	36.2	54.4



#18
Hexachloroethane
Concen: 43.421 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:	117	Resp:	162314
Ion	Ratio	Lower	Upper
117	100		
119	99.8	76.1	114.1
201	100.7	73.0	109.6

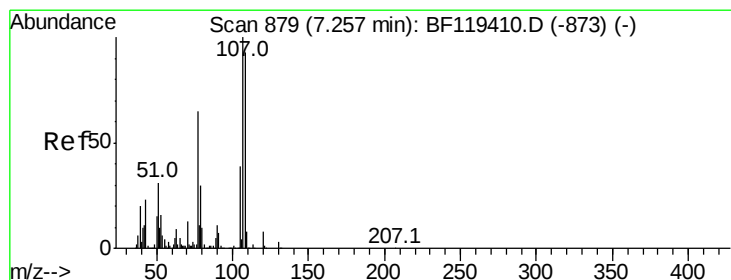
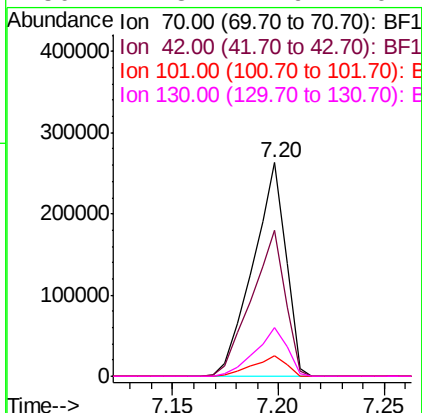
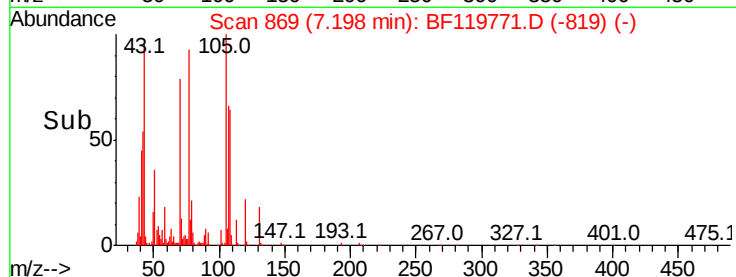
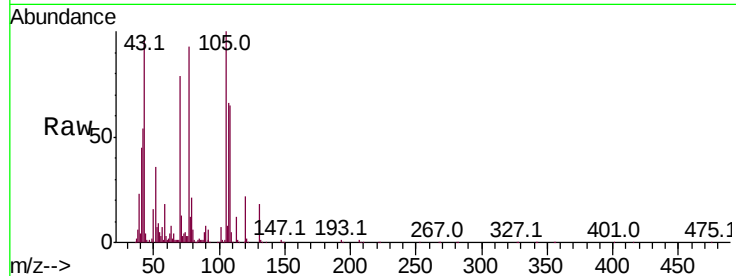




#19
n-Nitroso-di-n-propylamine
Concen: 41.355 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

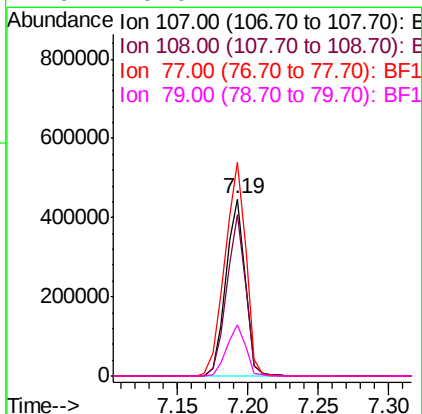
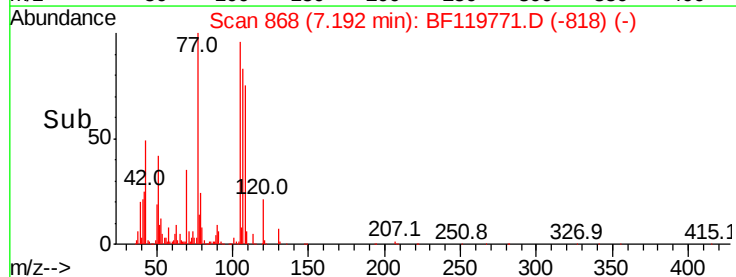
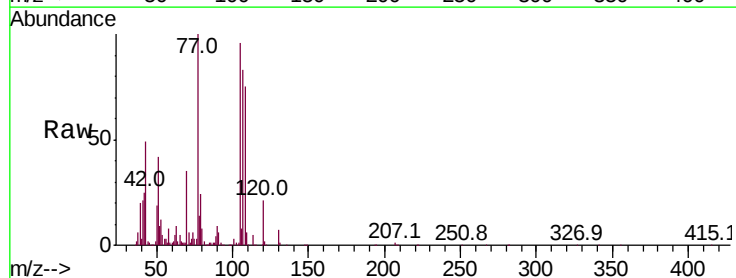
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

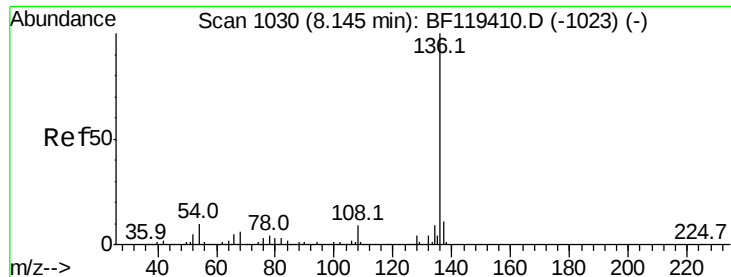
Tot Ion:	70	Resp:	285664
Ion	Ratio	Lower	Upper
70	100		
42	68.6	54.5	81.7
101	9.4	7.6	11.4
130	22.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 40.103 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:	107	Resp:	424297
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.9	107.9
77	120.7	52.9	92.9#
79	29.0	7.7	47.7

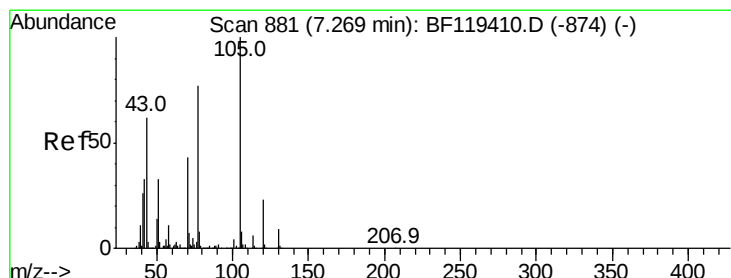
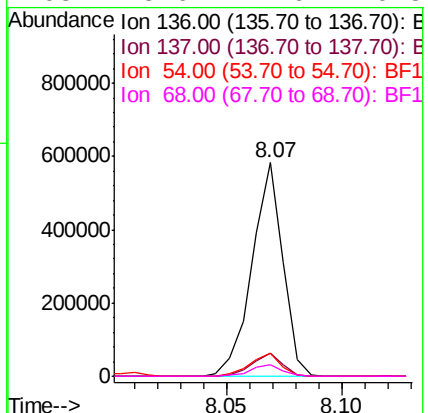
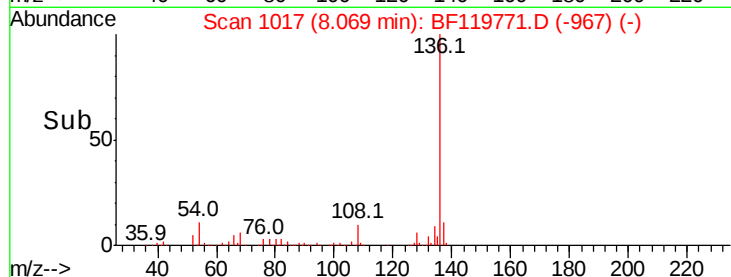
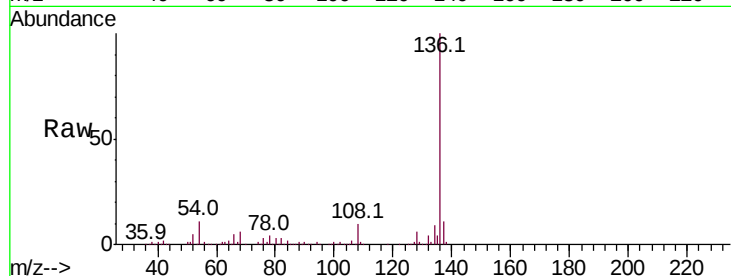




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

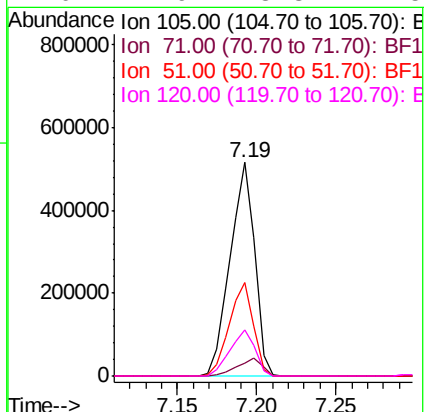
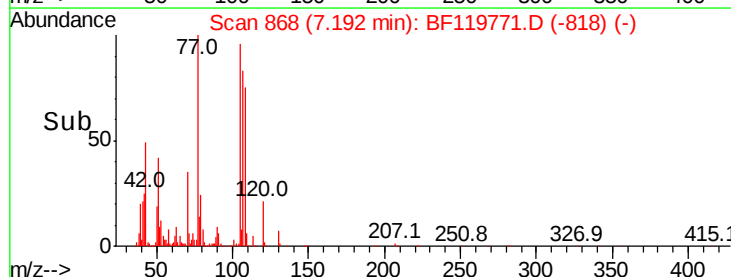
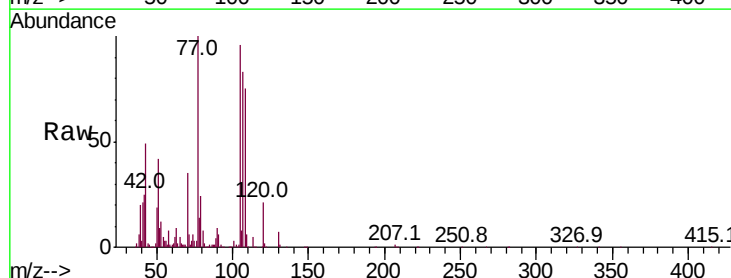
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

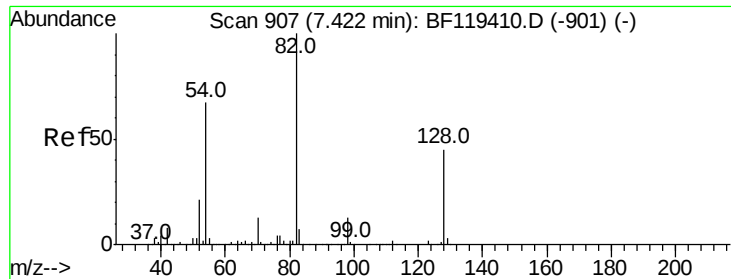
Tot Ion:136	Resp: 543749
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 10.7	9.1 13.7
68 5.6	4.6 6.8



#22
Acetophenone
Concen: 42.665 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt	Ion:105	Resp:	554337
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.7	8.5
51	43.5	26.2	39.4#
120	21.9	18.3	27.5

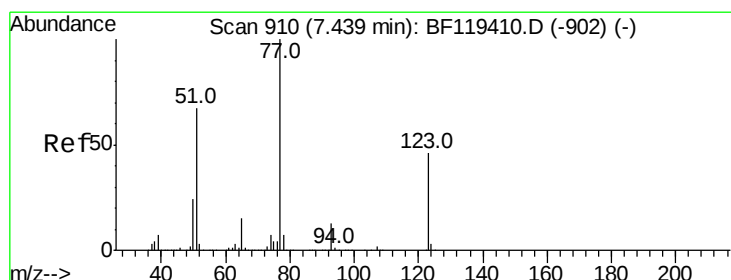
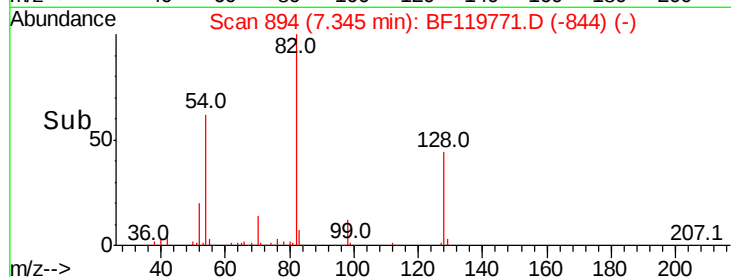
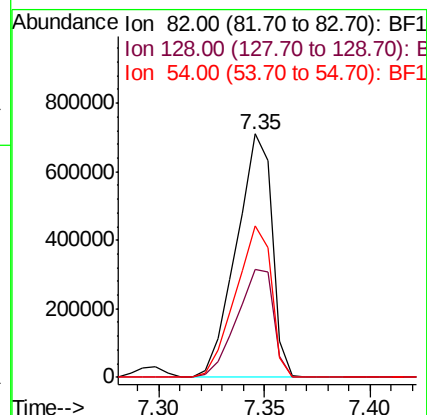
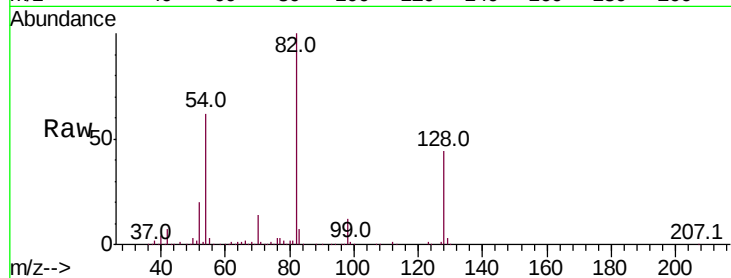




#23
Nitrobenzene-d5
Concen: 82.877 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

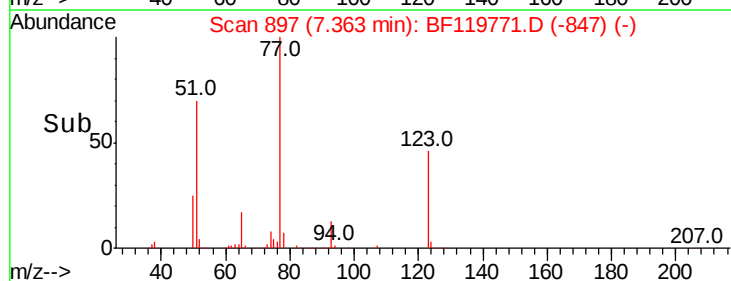
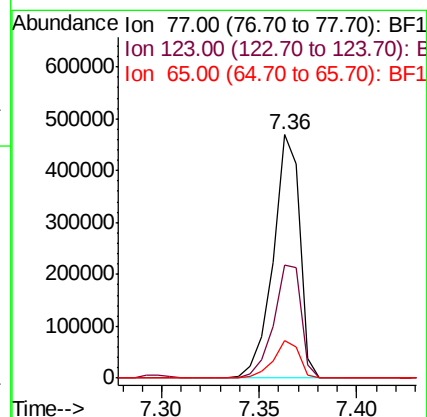
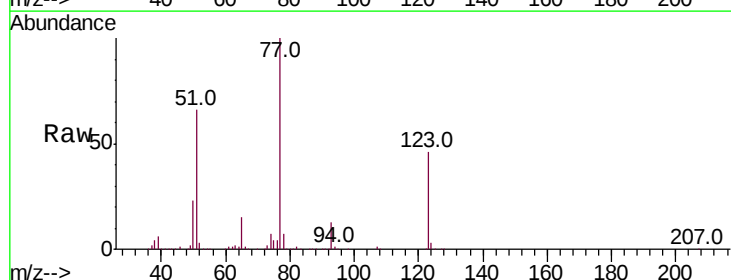
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

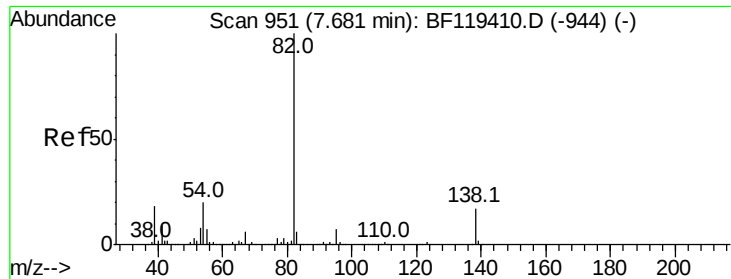
Tot Ion: 82 Resp: 829179
Ion Ratio Lower Upper
82 100
128 44.2 36.3 54.5
54 62.2 50.6 75.8



#24
Nitrobenzene
Concen: 41.328 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion: 77 Resp: 441886
Ion Ratio Lower Upper
77 100
123 46.3 38.0 57.0
65 15.5 12.6 18.8





#25

Isophorone

Concen: 38.543 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

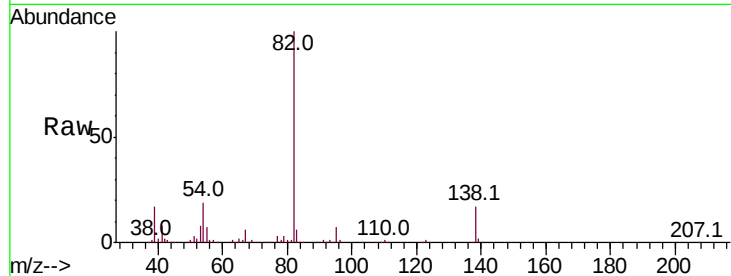
Tot Ion: 82 Resp: 782241

Ion Ratio Lower Upper

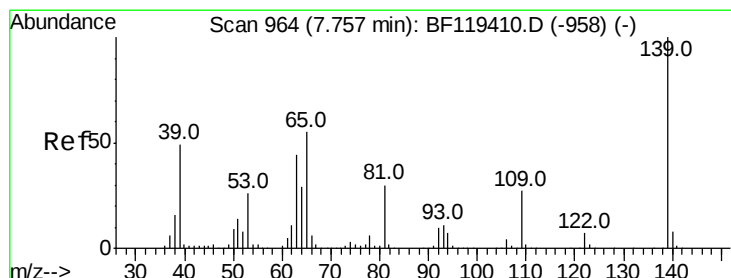
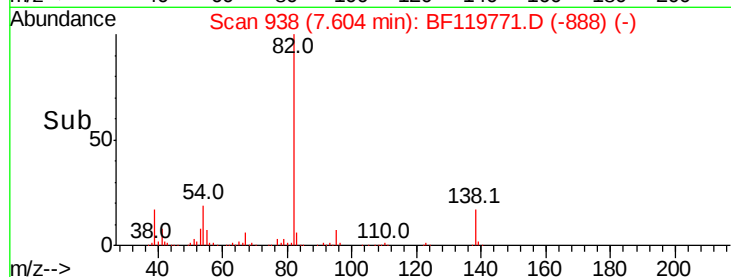
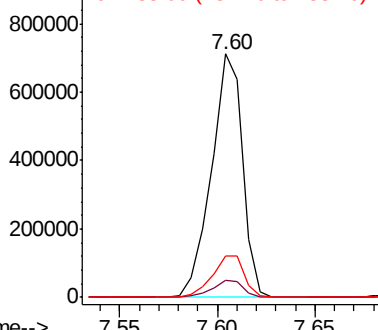
82 100

95 6.8 5.8 8.6

138 16.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.120 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

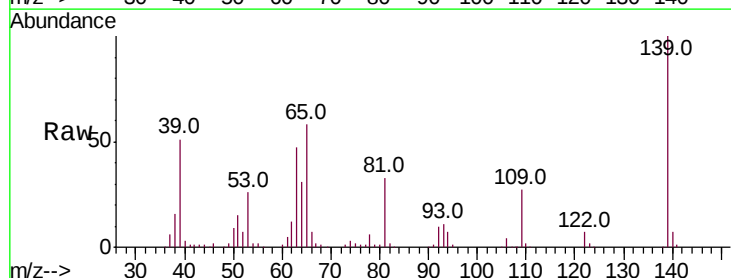
Tgt Ion:139 Resp: 223632

Ion Ratio Lower Upper

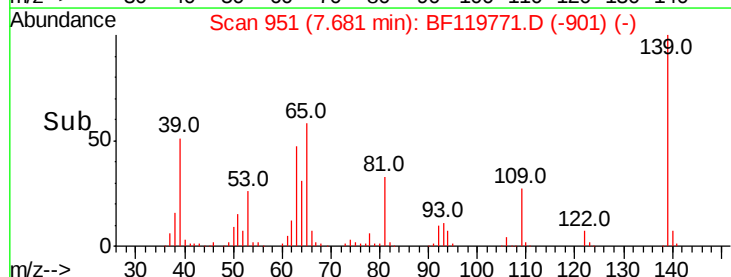
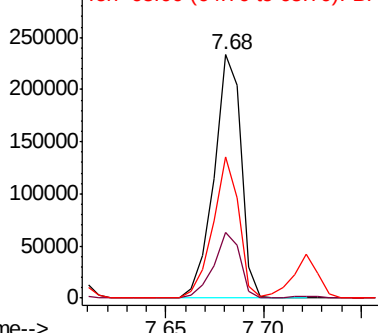
139 100

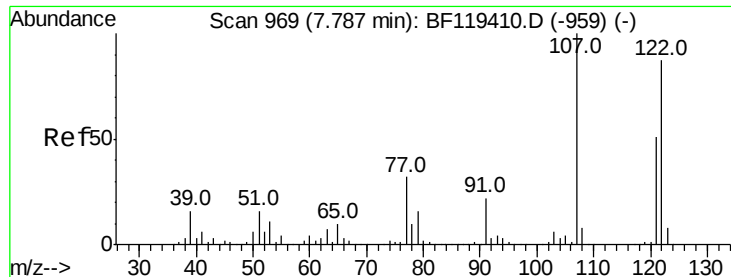
109 27.1 22.1 33.1

65 57.9 49.2 73.8



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

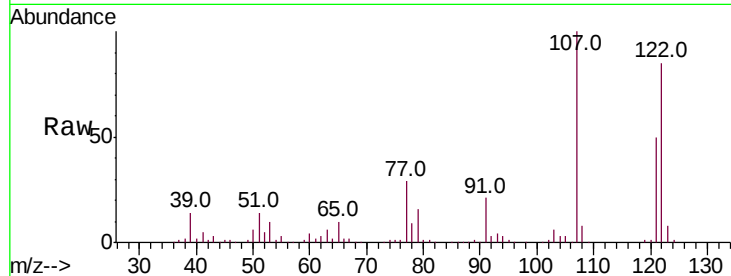




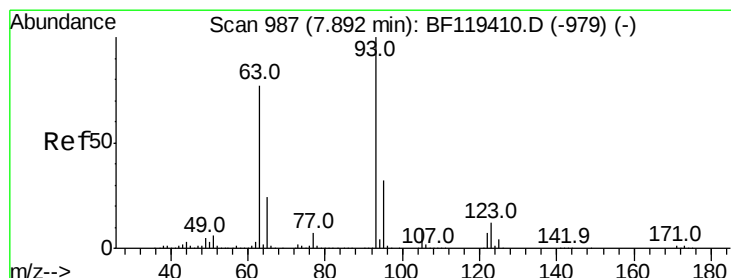
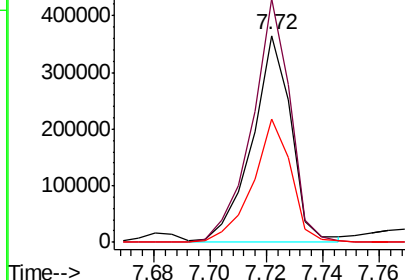
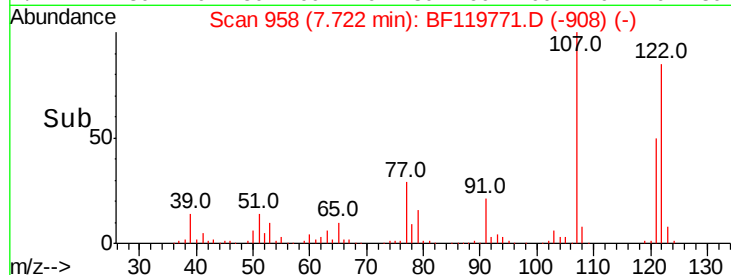
#27
 2,4-Dimethylphenol
 Concen: 40.107 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion:	122	Resp:	349139
Ion	Ratio	Lower	Upper
122	100		
107	117.6	89.0	133.6
121	59.3	46.7	70.1

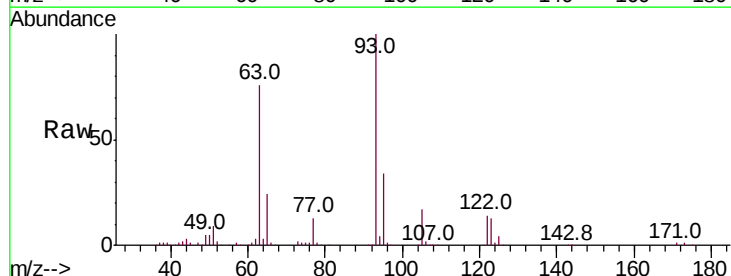


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

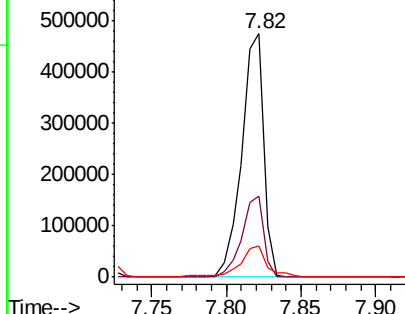
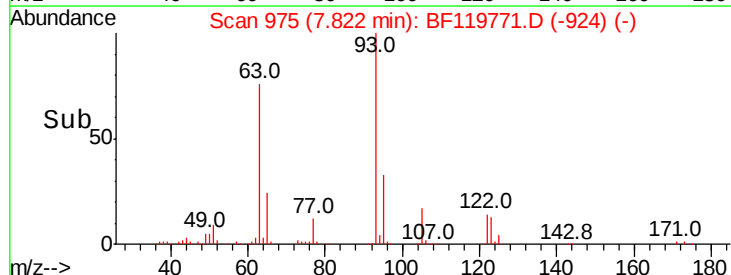


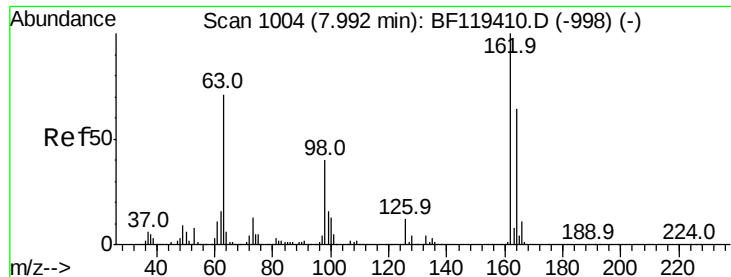
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.439 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion:	93	Resp:	485324
Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	12.6	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

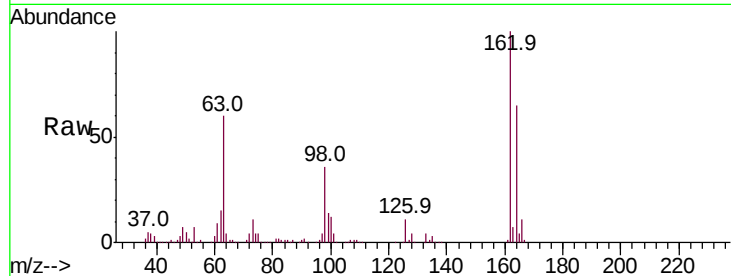




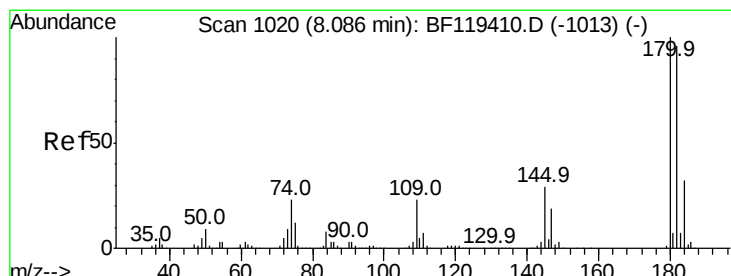
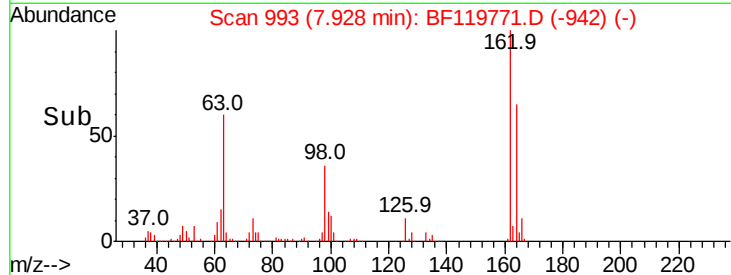
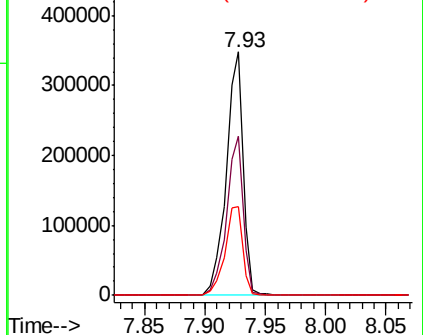
#29
2,4-Dichlorophenol
Concen: 42.282 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:162 Resp: 338196
Ion Ratio Lower Upper
162 100
164 65.2 44.7 84.7
98 36.3 20.7 60.7

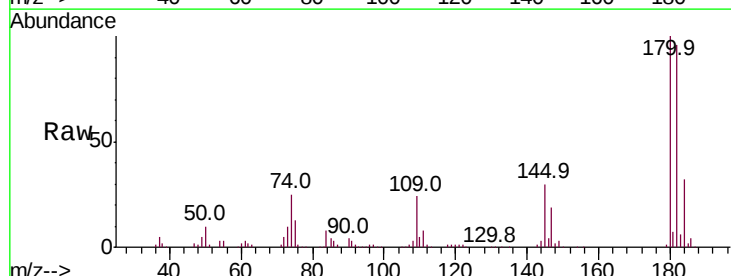


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

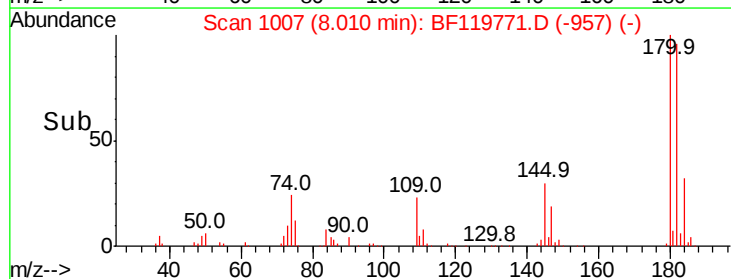
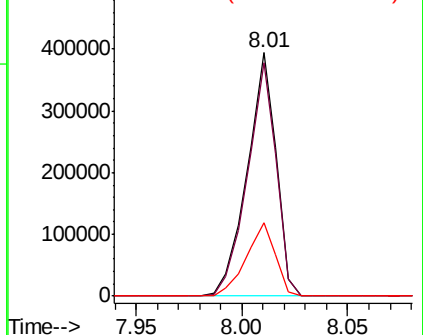


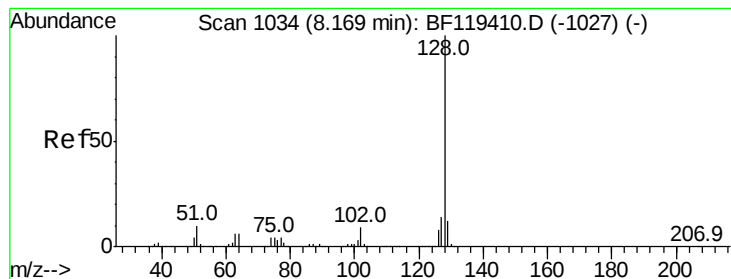
#30
1,2,4-Trichlorobenzene
Concen: 42.375 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:180 Resp: 374832
Ion Ratio Lower Upper
180 100
182 95.9 74.7 112.1
145 30.2 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.156 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

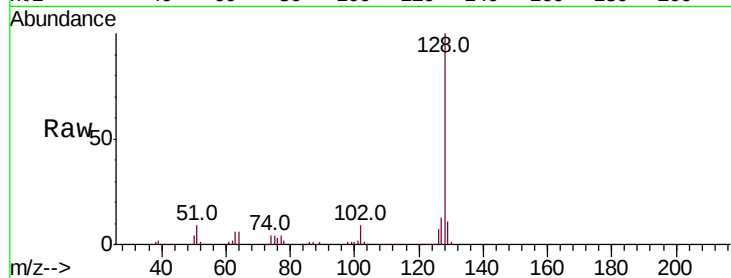
Tot Ion:128 Resp: 1207593

Ion Ratio Lower Upper

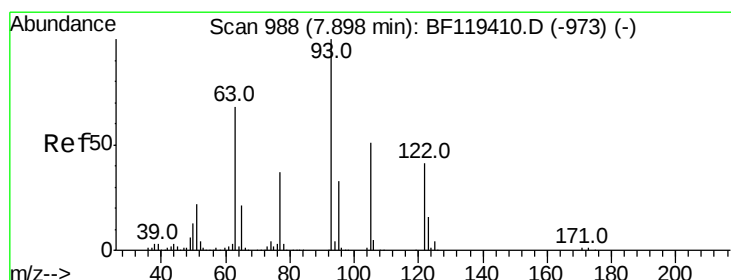
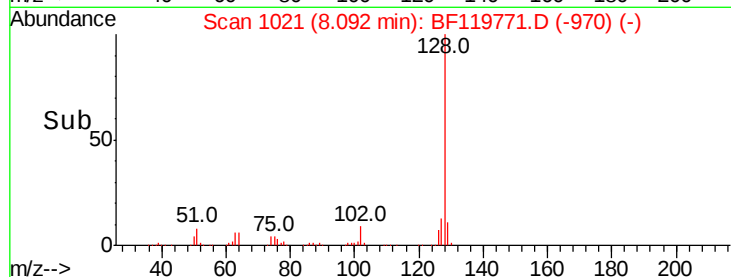
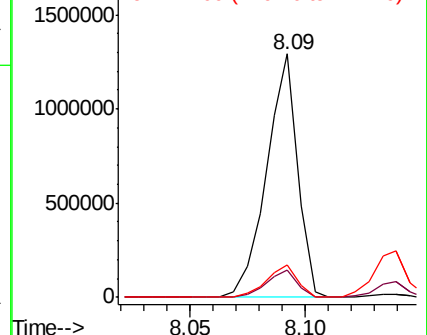
128 100

129 11.0 9.5 14.3

127 13.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.029 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

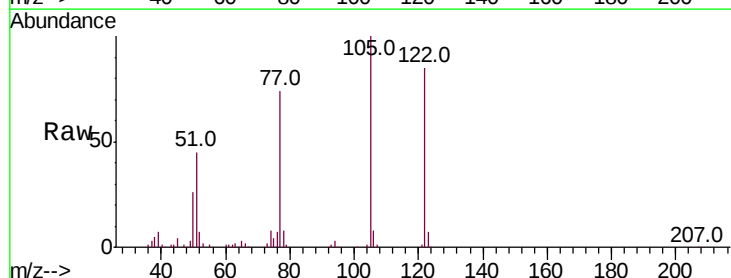
Tgt Ion:122 Resp: 274543

Ion Ratio Lower Upper

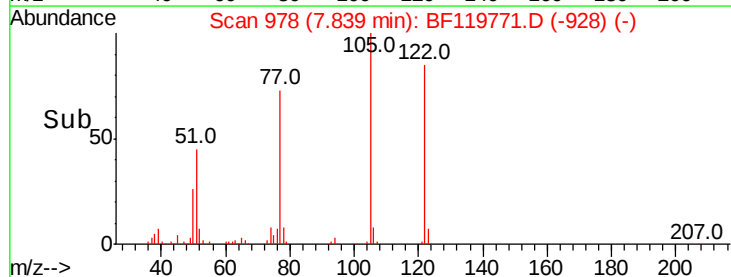
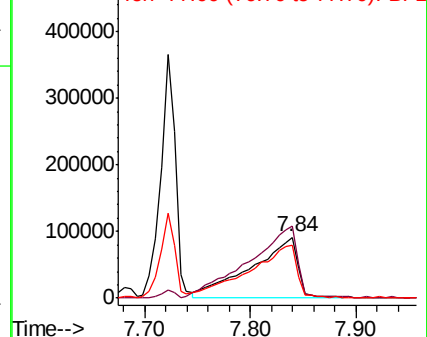
122 100

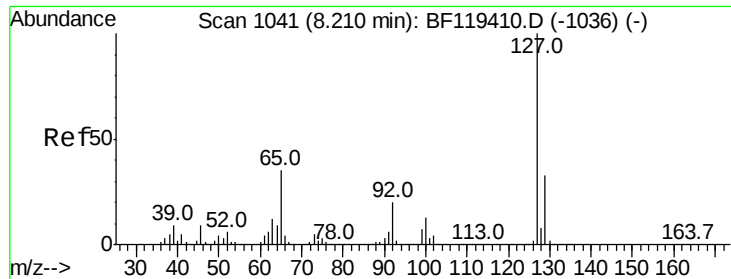
105 117.3 104.9 144.9

77 86.3 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

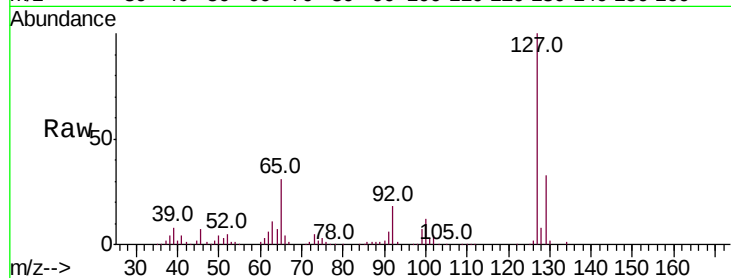




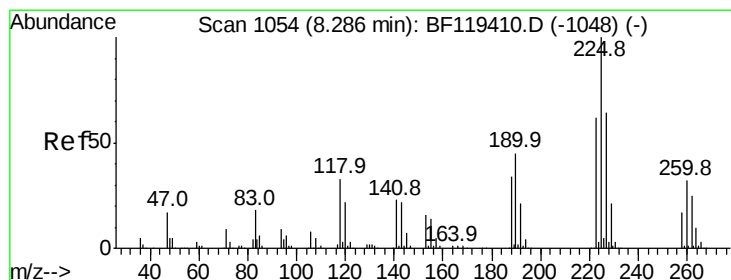
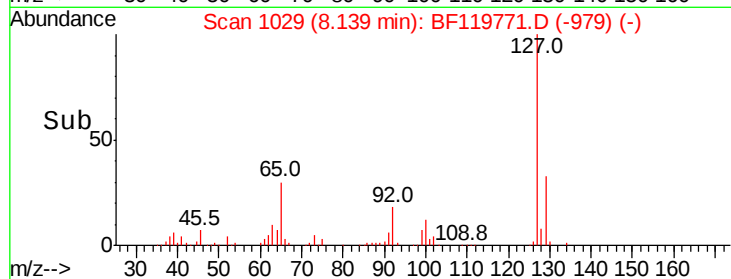
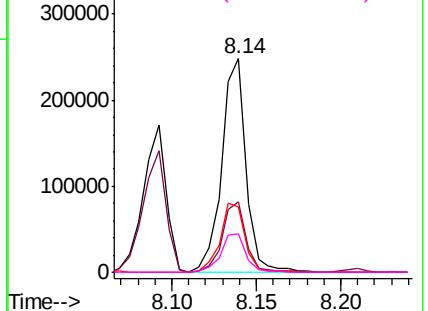
#33
4-Chloroaniline
Concen: 19.252 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:	127	Resp:	246844
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	30.5	27.4	41.0
92	18.0	15.3	22.9

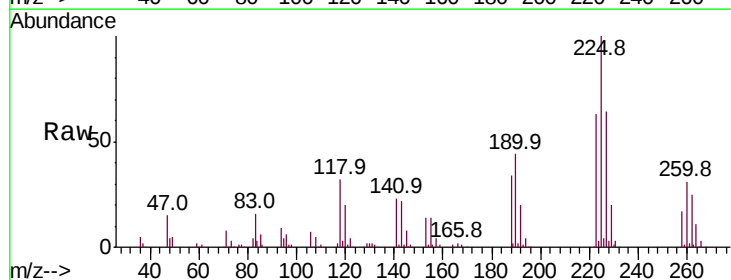


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

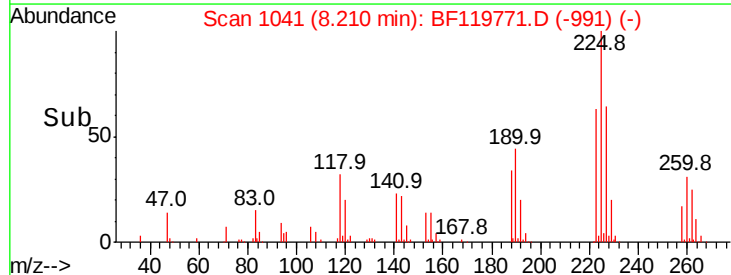
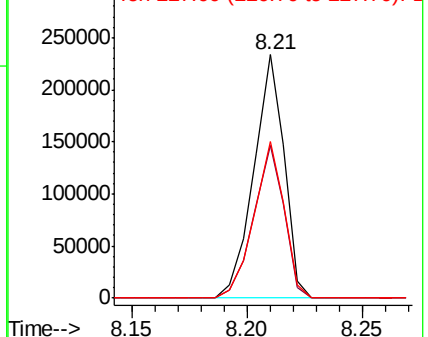


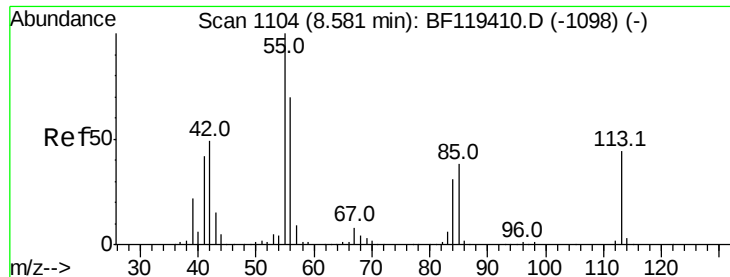
#34
Hexachlorobutadiene
Concen: 43.343 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:	225	Resp:	214511
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	64.1	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

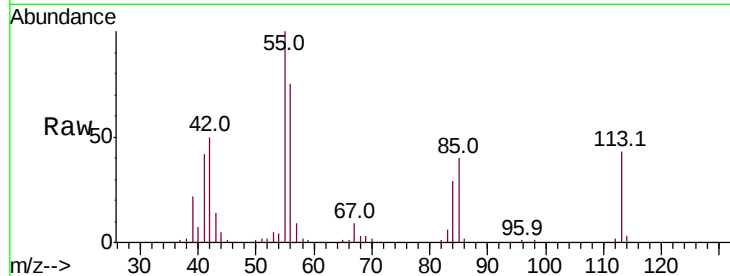




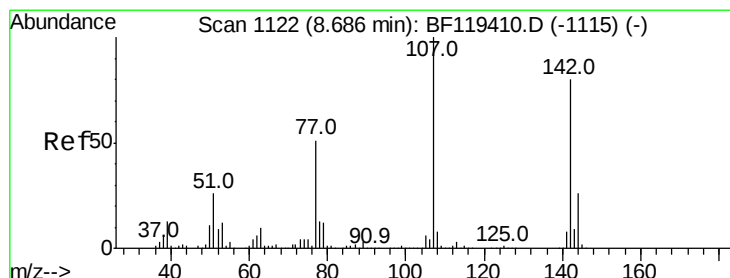
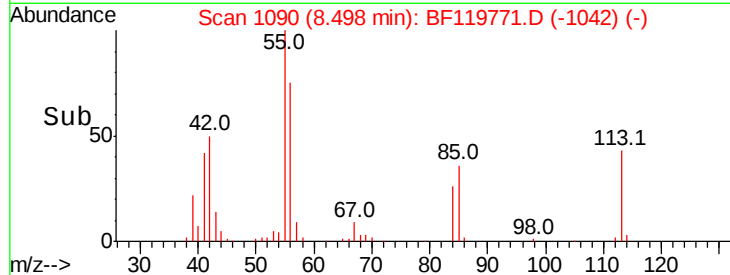
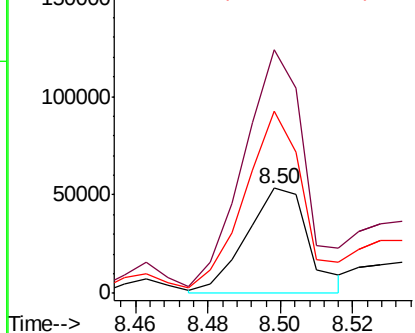
#35
 Caprolactam
 Concen: 24.419 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion:113 Resp: 63922
 Ion Ratio Lower Upper
 113 100
 55 231.8 218.4 258.4
 56 173.8 148.9 188.9

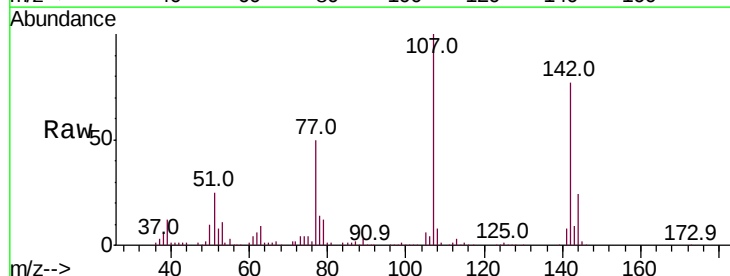


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

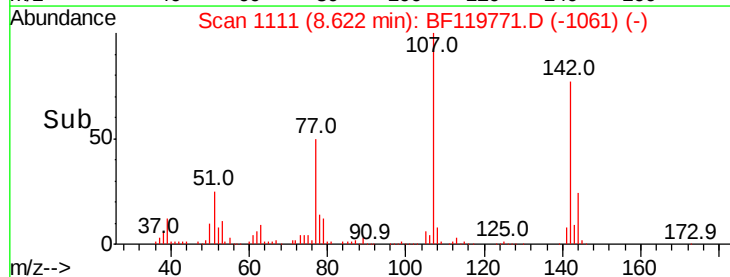
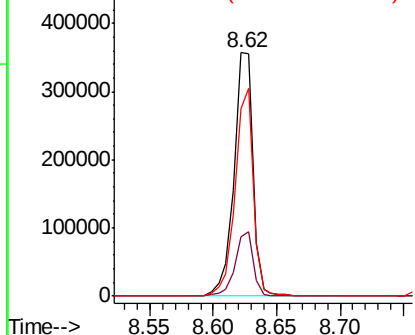


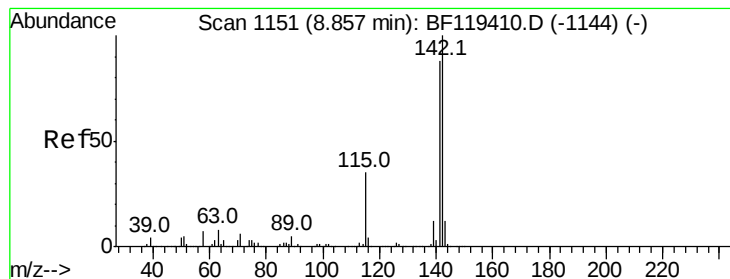
#36
 4-Chloro-3-methylphenol
 Concen: 42.162 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion:107 Resp: 368589
 Ion Ratio Lower Upper
 107 100
 144 24.4 21.0 31.6
 142 77.1 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.235 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

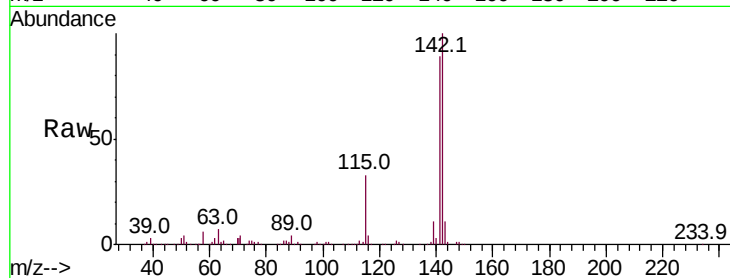
Tot Ion:142 Resp: 793980

Ion Ratio Lower Upper

142 100

141 88.8 71.7 107.5

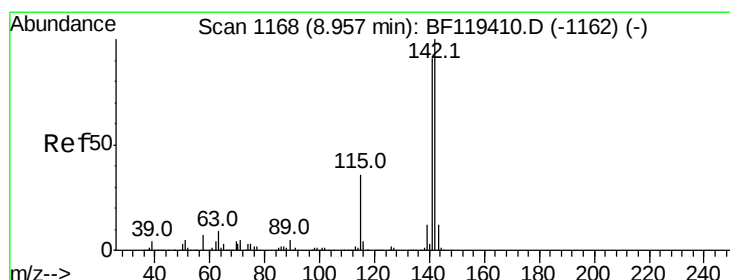
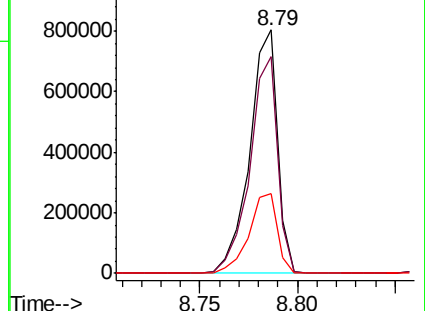
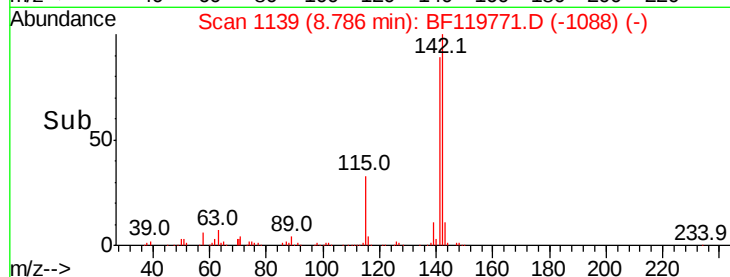
115 32.8 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.668 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

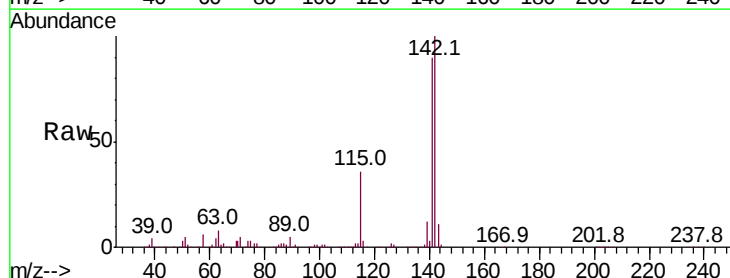
Tgt Ion:142 Resp: 759047

Ion Ratio Lower Upper

142 100

141 90.3 73.7 110.5

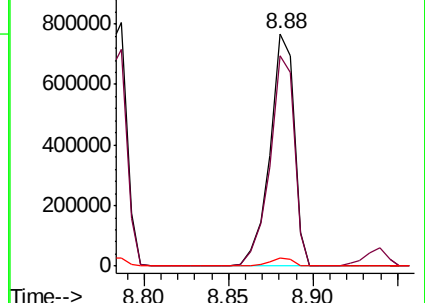
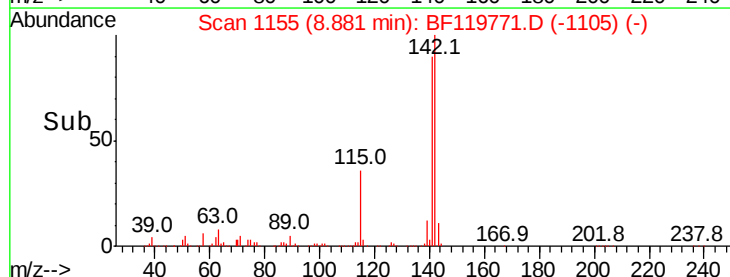
116 3.4 3.0 4.6

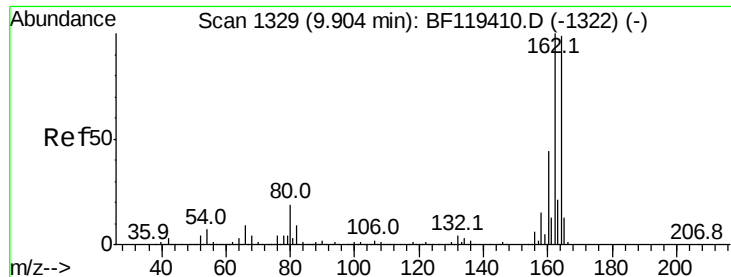


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

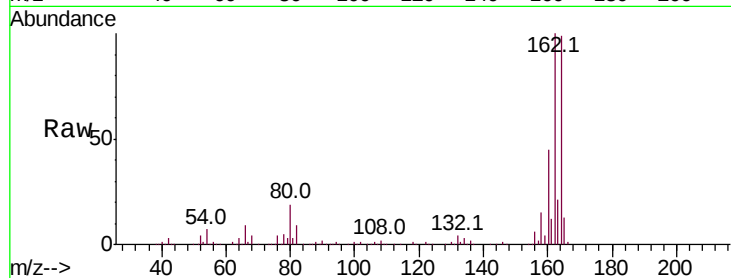
Tot Ion:164 Resp: 281193

Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

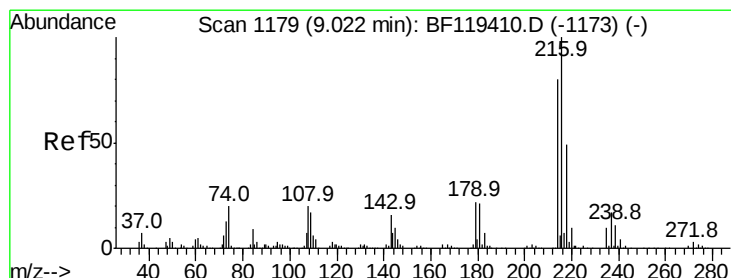
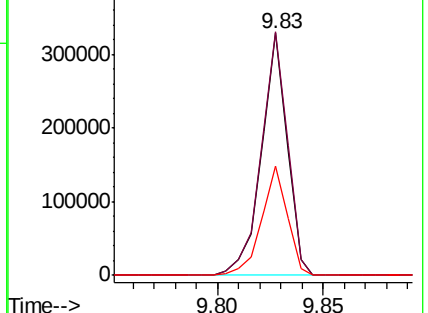
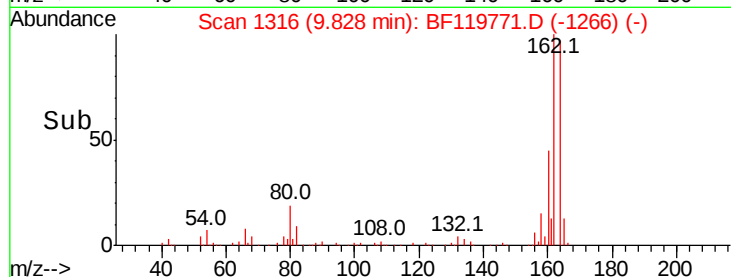
160 45.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.346 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Tgt Ion:216 Resp: 349015

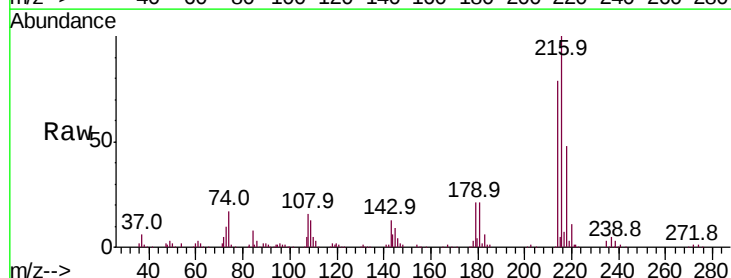
Ion Ratio Lower Upper

216 100

214 80.2 63.2 94.8

179 21.1 17.1 25.7

108 19.9 15.1 22.7

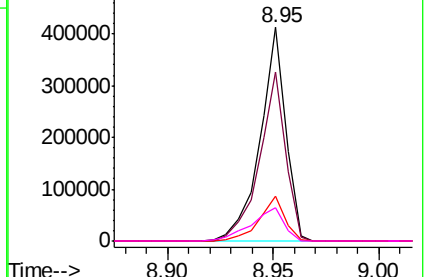
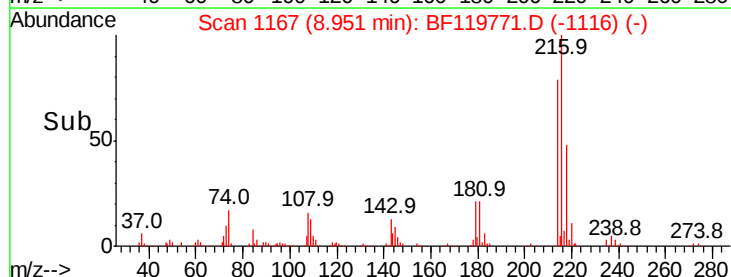


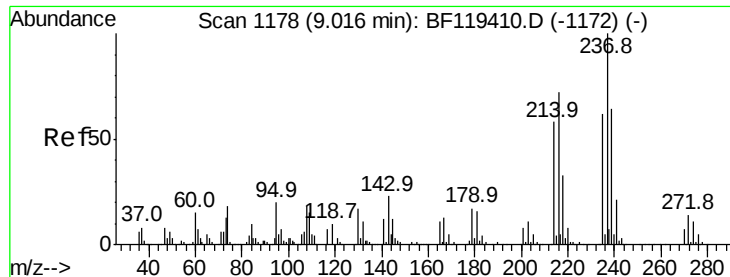
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

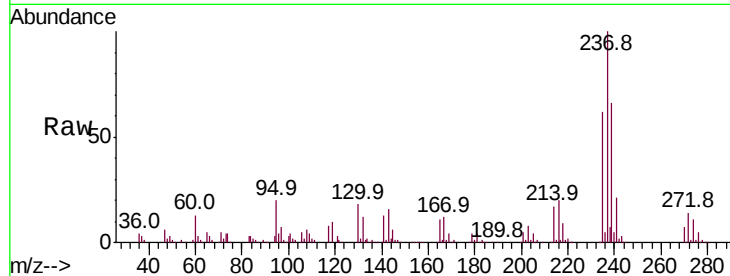




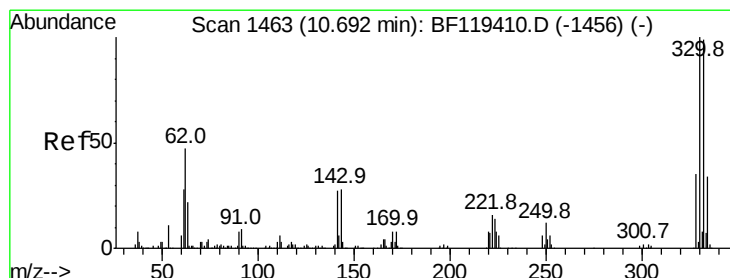
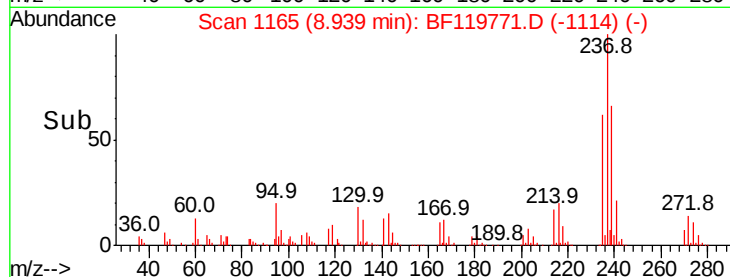
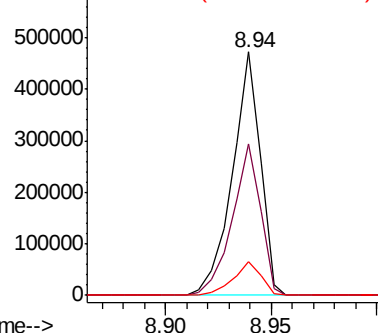
#41
Hexachlorocyclopentadiene
Concen: 92.954 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:237 Resp: 435551
Ion Ratio Lower Upper
237 100
235 62.4 43.2 83.2
272 14.0 0.0 34.1

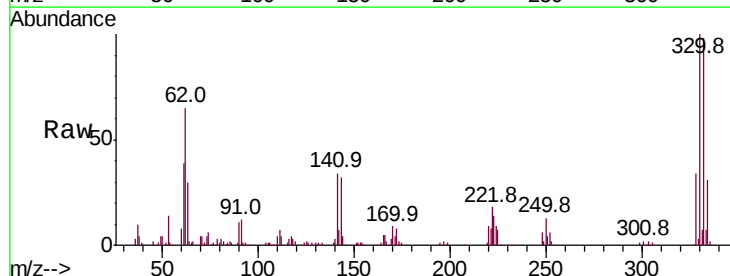


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

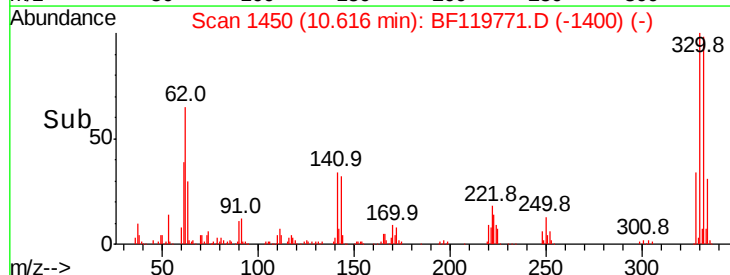
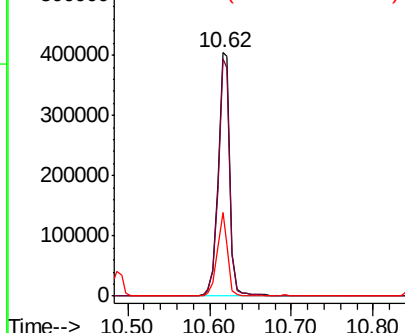


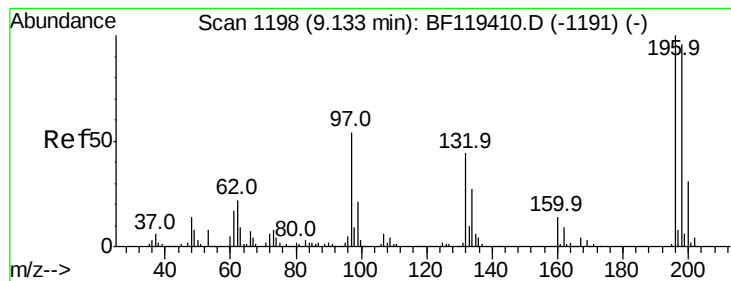
#42
2,4,6-Tribromophenol
Concen: 141.005 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:330 Resp: 409052
Ion Ratio Lower Upper
330 100
332 95.1 75.7 113.5
141 30.4 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.722 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

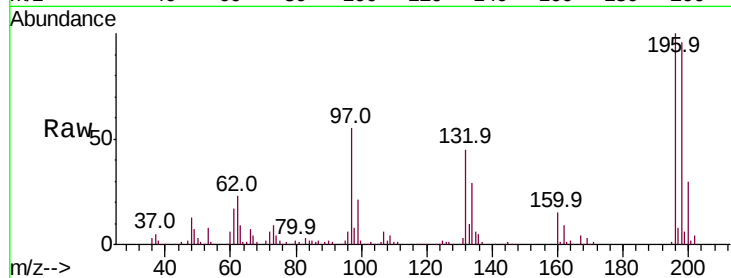
Tot Ion:196 Resp: 251979

Ion Ratio Lower Upper

196 100

198 95.7 76.6 115.0

200 29.9 24.6 36.8

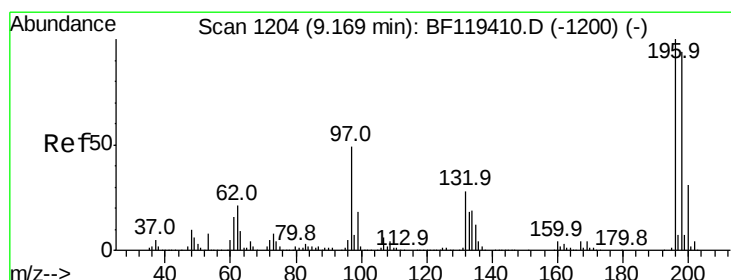
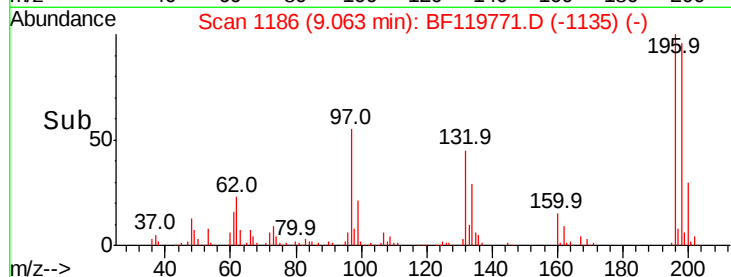
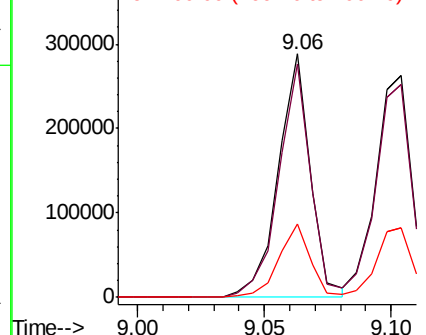


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.189 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Tgt Ion:196 Resp: 272149

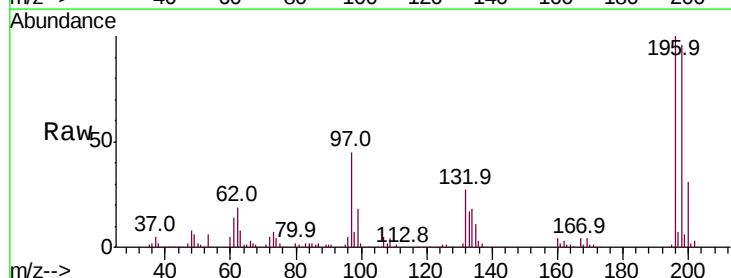
Ion Ratio Lower Upper

196 100

198 95.9 73.8 110.8

97 44.5 42.6 63.8

132 26.5 24.0 36.0



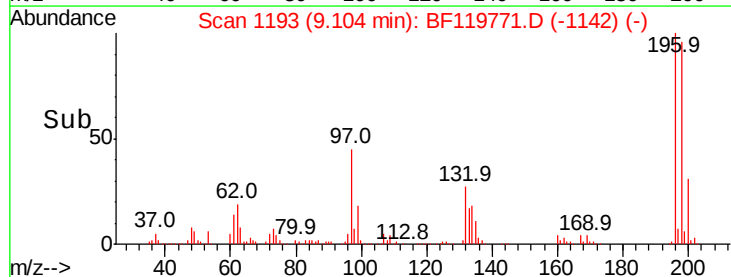
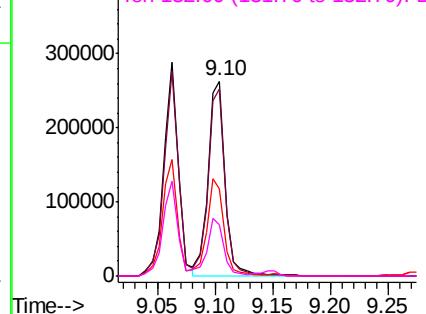
Abundance

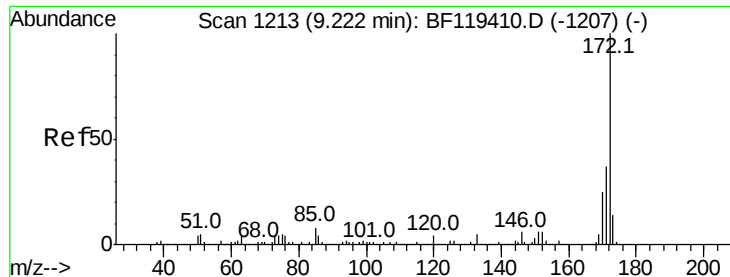
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

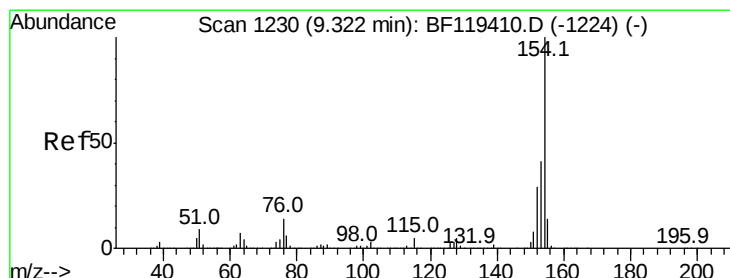
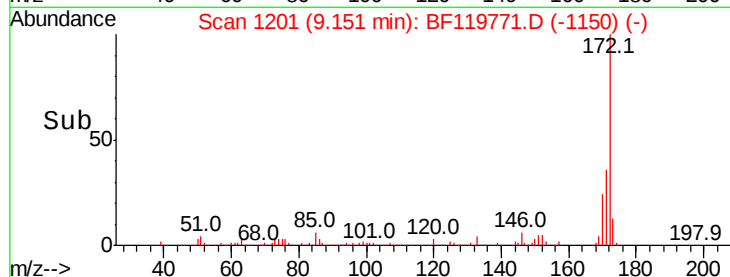
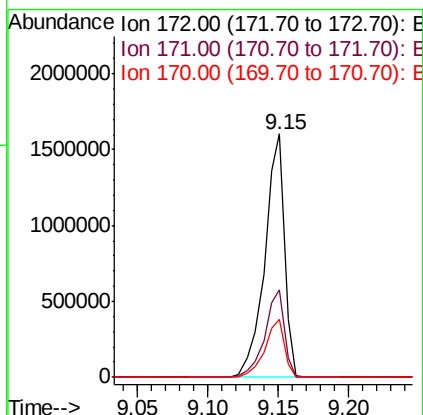
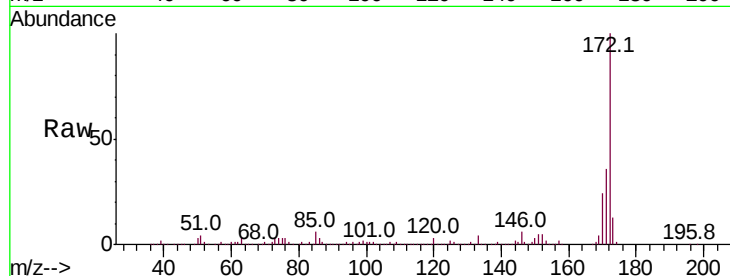




#45
2-Fluorobiphenyl
Concen: 83.529 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

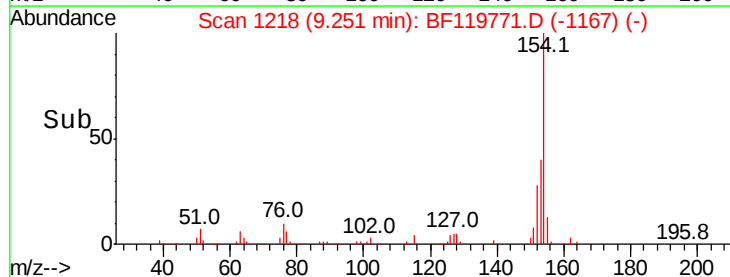
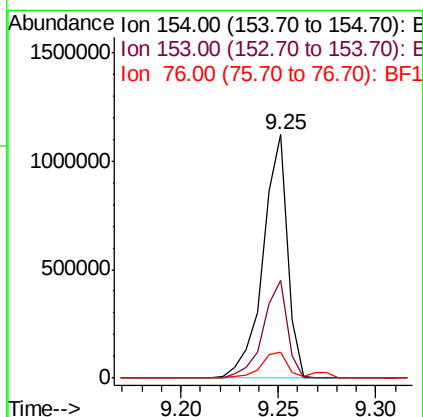
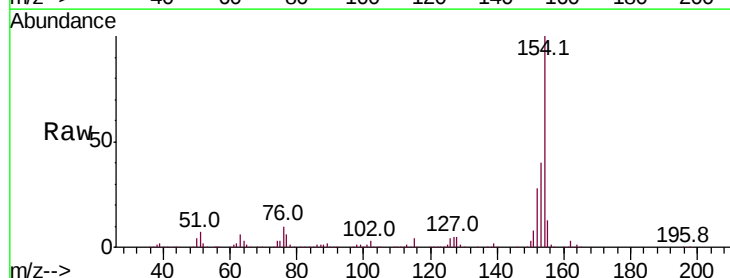
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

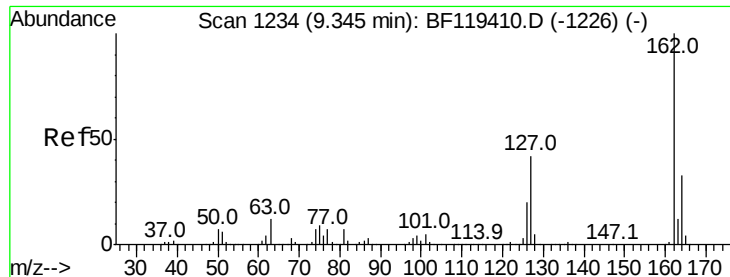
Tot Ion:172 Resp: 1585438
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.371 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:154 Resp: 970381
Ion Ratio Lower Upper
154 100
153 40.1 21.4 61.4
76 10.5 0.0 33.0

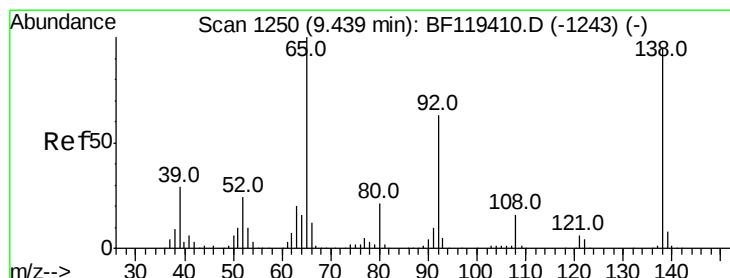
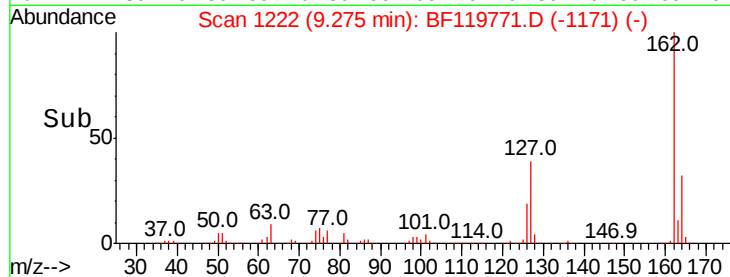
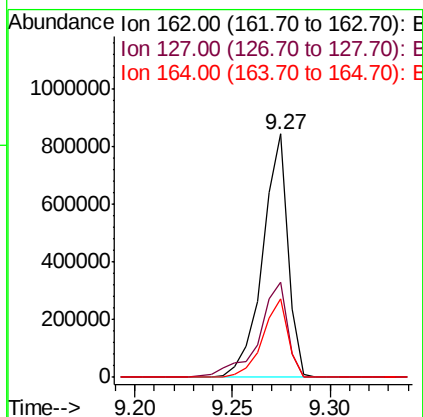
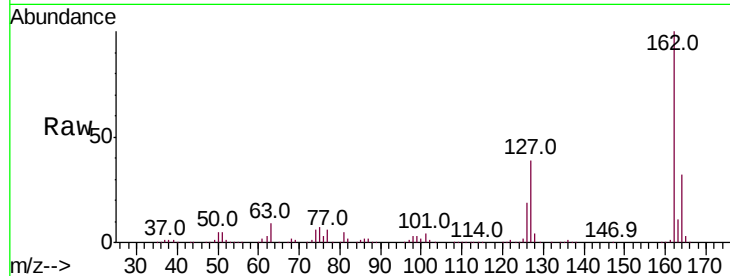




#47
 2-Chloronaphthalene
 Concen: 42.288 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

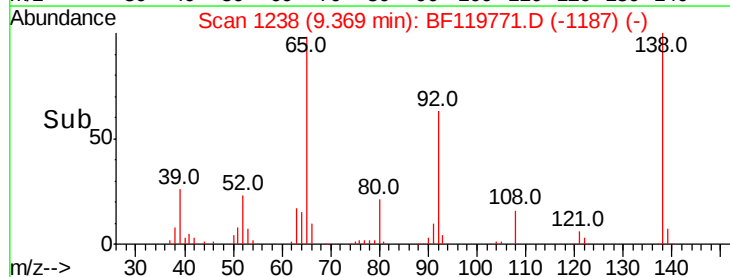
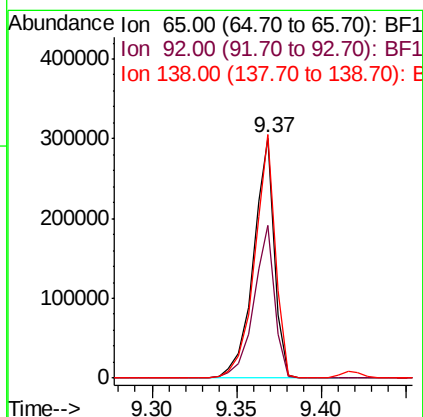
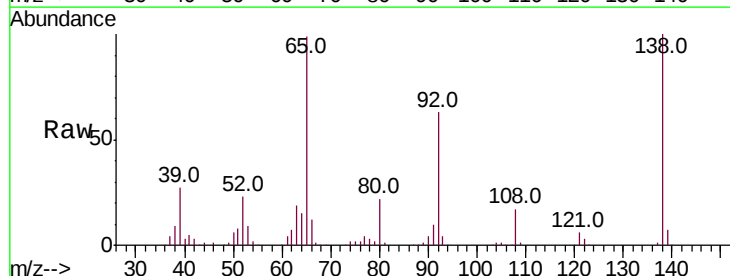
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

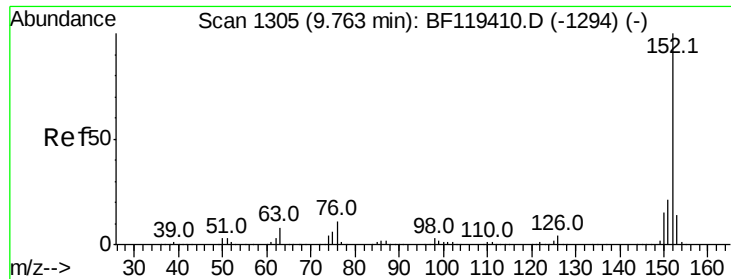
Tot Ion:162 Resp: 758613
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.7 50.5
 164 32.3 26.3 39.5



#48
 2-Nitroaniline
 Concen: 42.238 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion: 65 Resp: 261537
 Ion Ratio Lower Upper
 65 100
 92 63.4 50.0 75.0
 138 101.3 75.0 112.4





#49

Acenaphthylene

Concen: 42.051 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

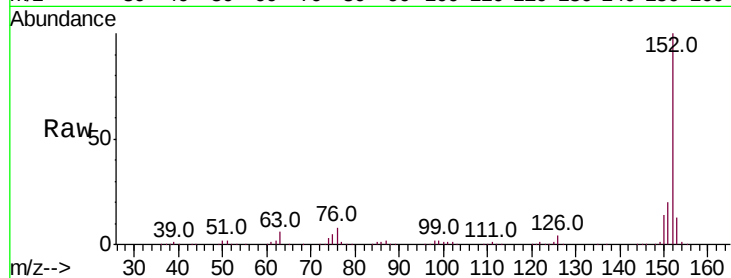
BNA_F

ClientSampleId :

PB128003BSD

Tot Ion:152 Resp: 1184626

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.2	25.8
153	12.7	11.2	16.8

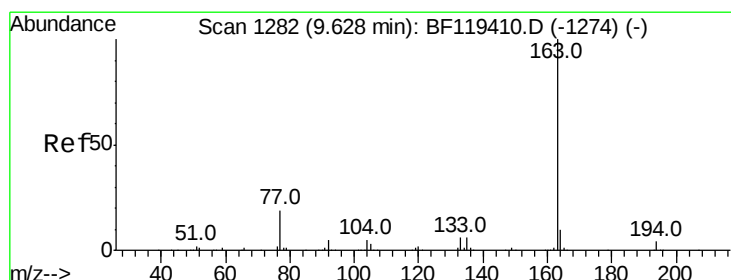
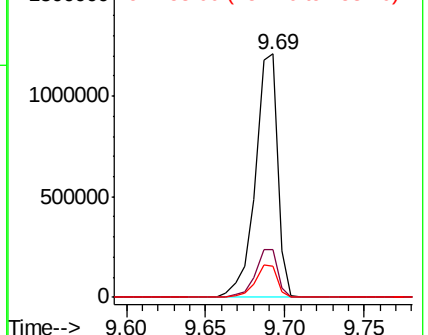
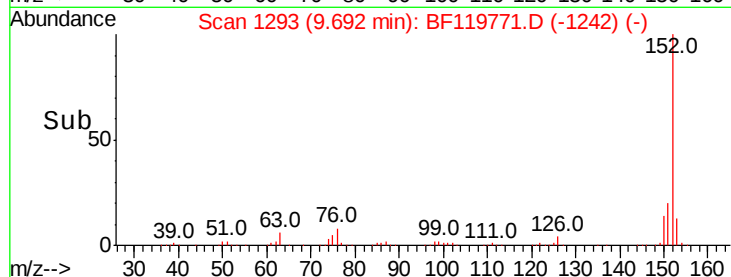


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.579 ng

RT: 9.55 min Scan# 1269

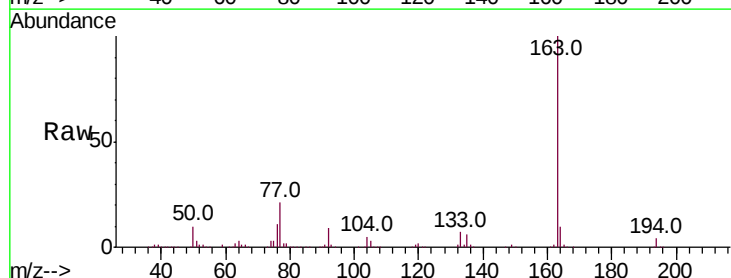
Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Tgt Ion:163 Resp: 850432

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.0	8.2	12.2

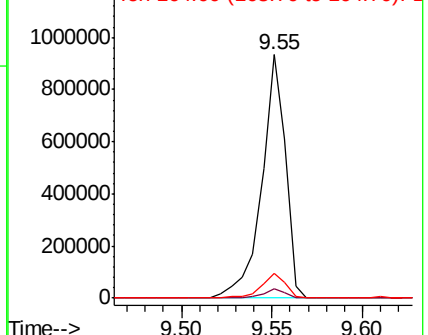
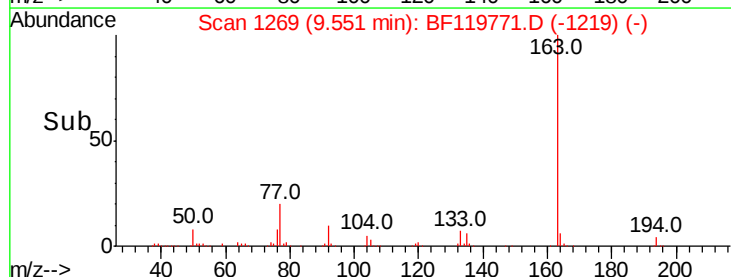


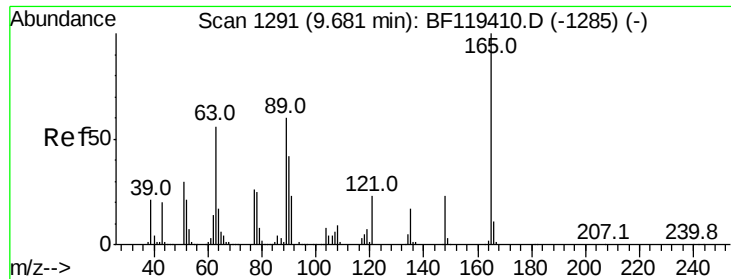
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

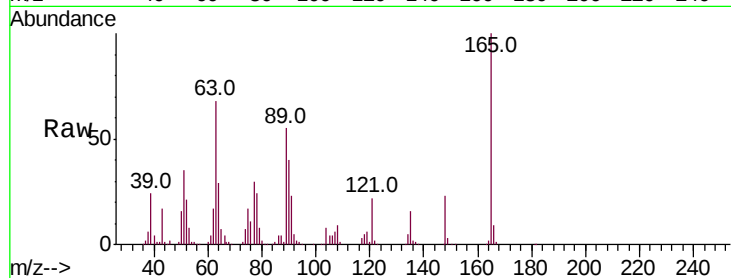




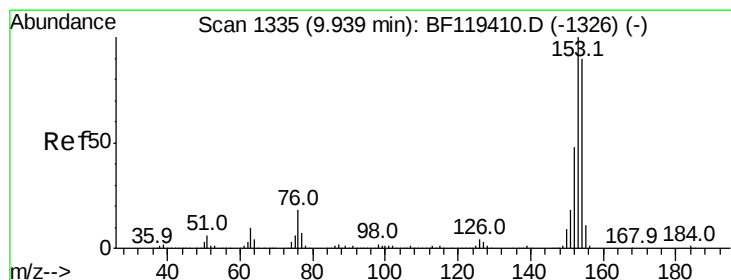
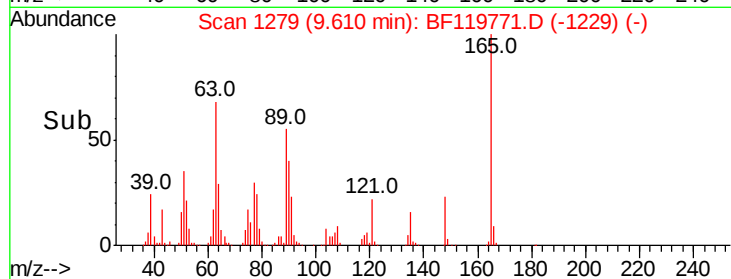
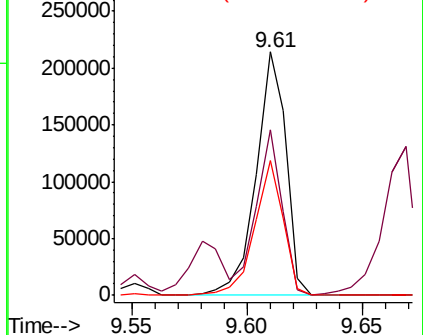
#51
2,6-Dinitrotoluene
Concen: 45.328 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion:165 Resp: 194058
Ion Ratio Lower Upper
165 100
63 68.0 45.0 67.4#
89 55.3 41.5 62.3

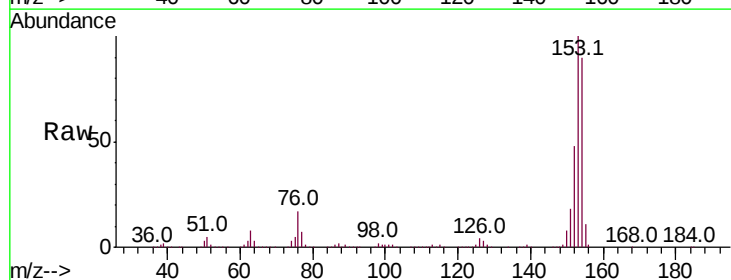


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

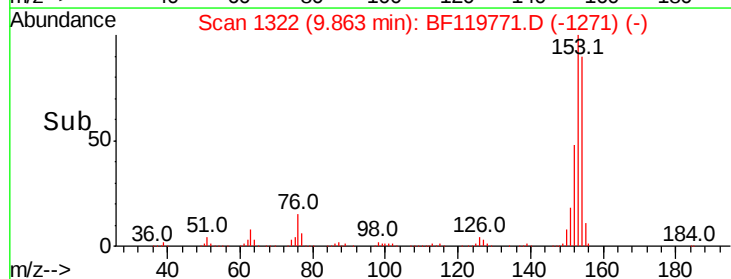
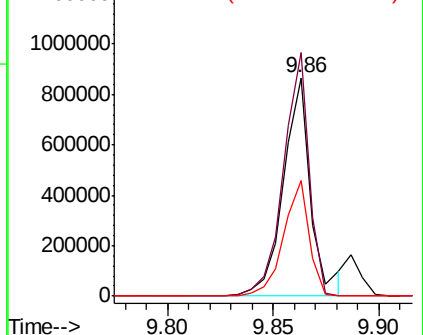


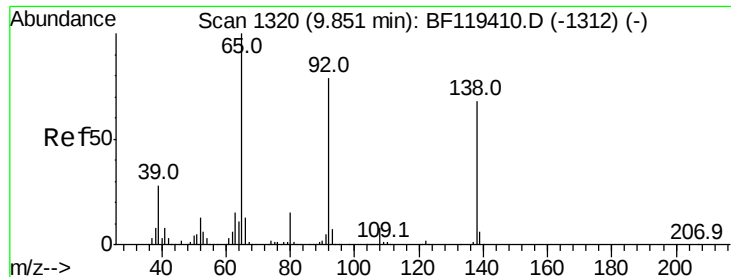
#52
Acenaphthene
Concen: 44.494 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:154 Resp: 781421
Ion Ratio Lower Upper
154 100
153 111.5 88.1 132.1
152 53.1 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

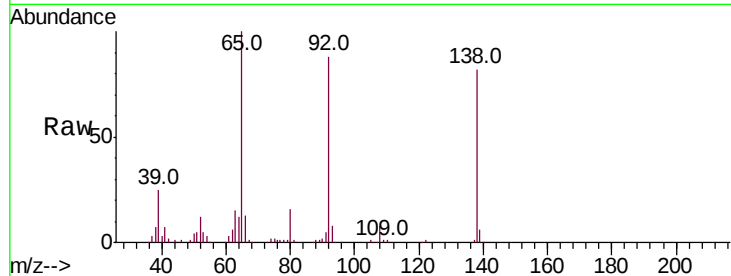




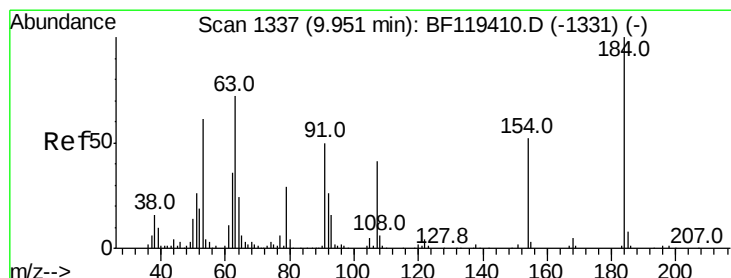
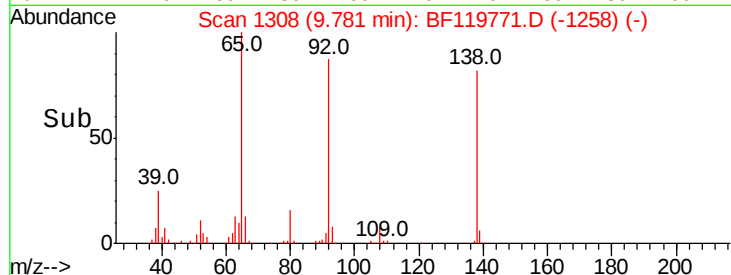
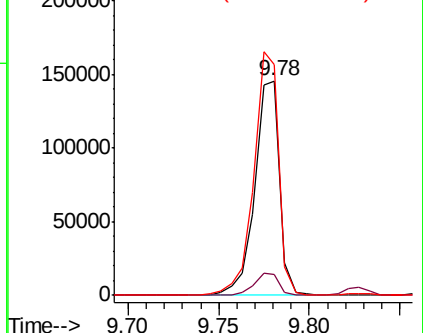
#53
 3-Nitroaniline
 Concen: 25.720 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion:138 Resp: 139014
 Ion Ratio Lower Upper
 138 100
 108 9.6 8.6 13.0
 92 107.6 95.4 143.0

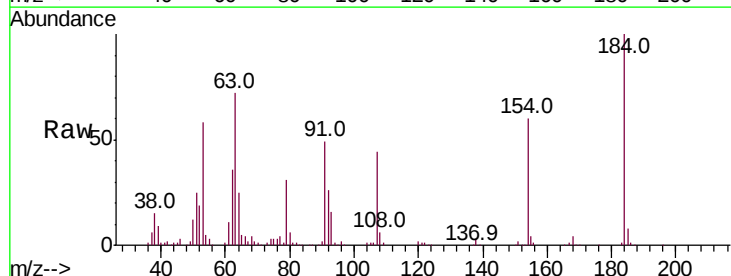


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

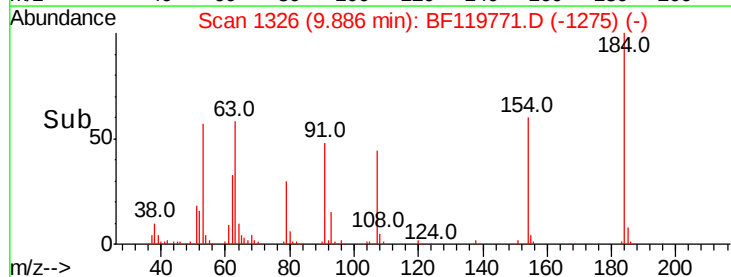
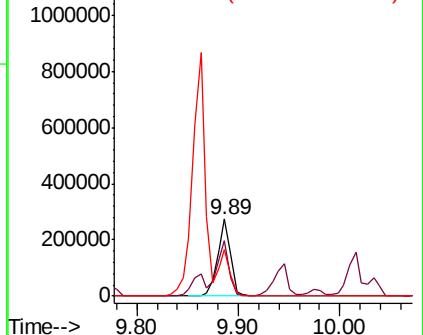


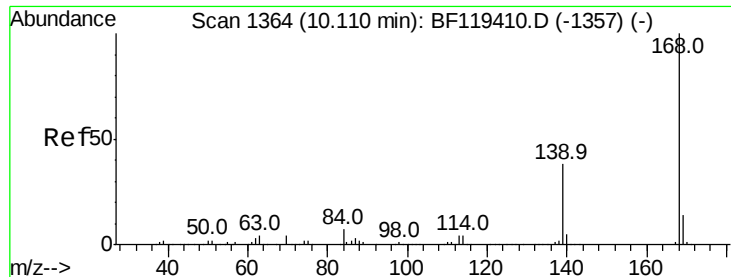
#54
 2,4-Dinitrophenol
 Concen: 127.852 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion:184 Resp: 245707
 Ion Ratio Lower Upper
 184 100
 63 72.5 50.2 75.4
 154 59.7 44.5 66.7



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.454 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

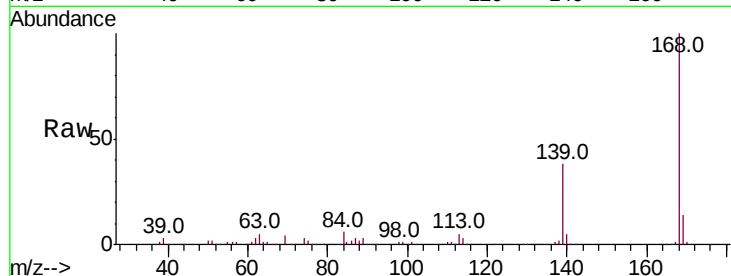
Tot Ion:168 Resp: 1068972

Ion Ratio Lower Upper

168 100

139 37.6 30.1 45.1

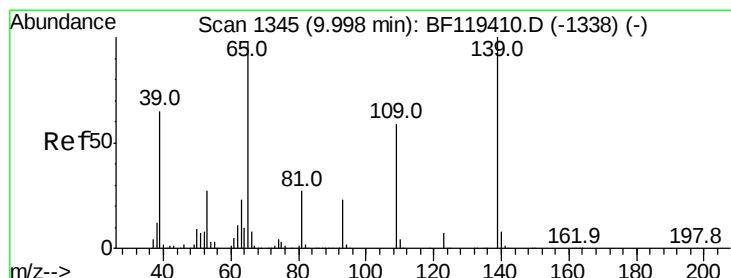
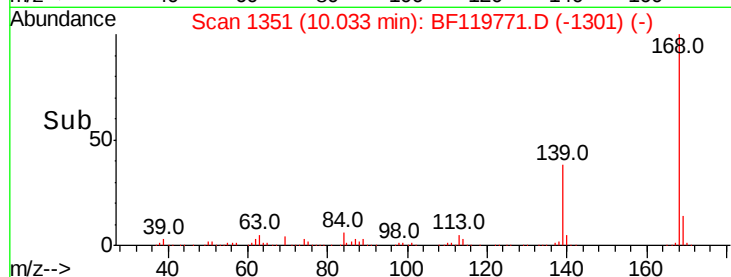
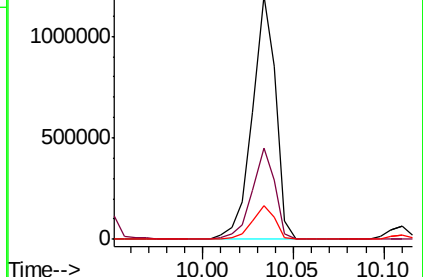
169 13.7 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.371 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

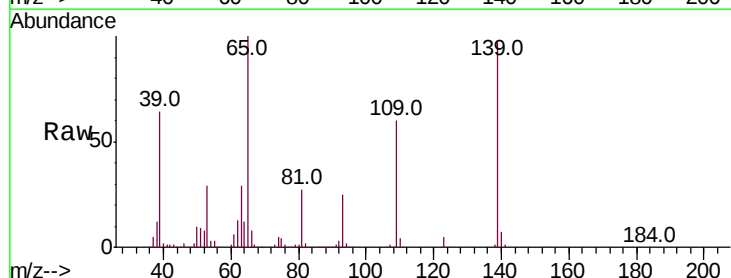
Tgt Ion:139 Resp: 363998

Ion Ratio Lower Upper

139 100

109 61.6 43.3 83.3

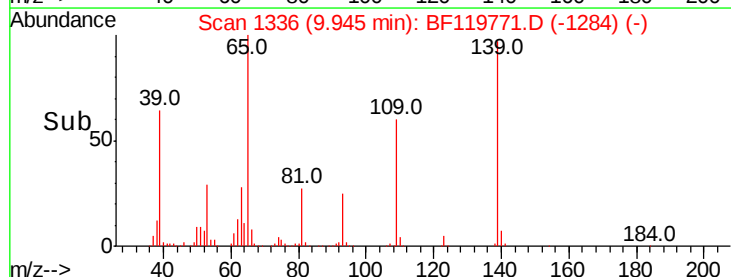
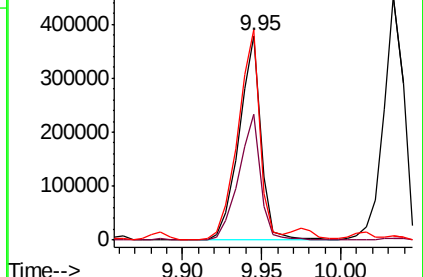
65 103.2 91.0 131.0

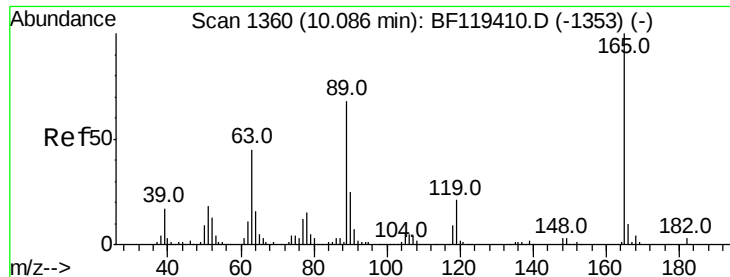


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

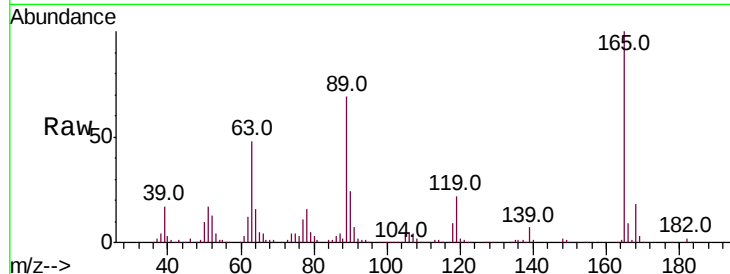




#57
2,4-Dinitrotoluene
Concen: 48.545 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	42.6	64.0
89	68.8	61.0	91.4
182	2.4	2.2	3.2



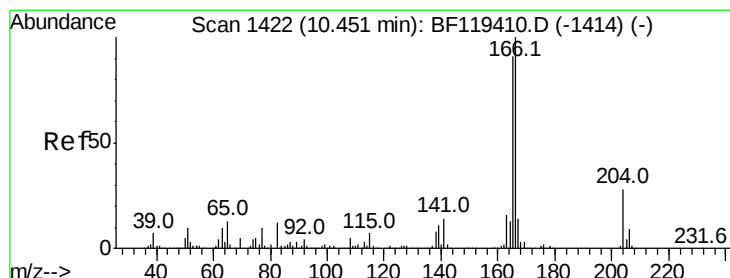
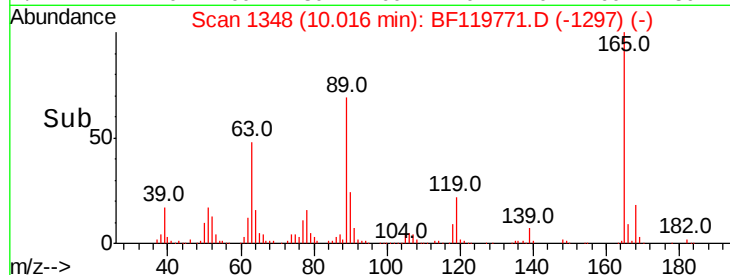
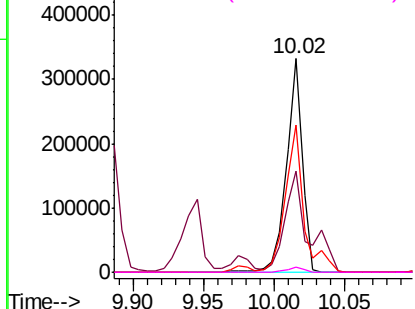
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

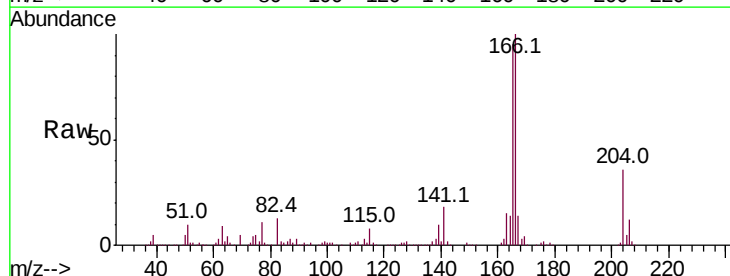
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.172 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.4	113.2
167	14.1	11.2	16.8

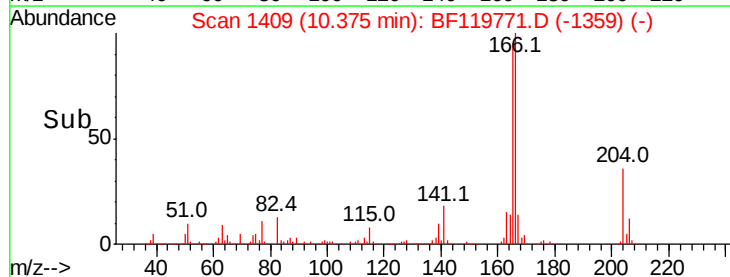
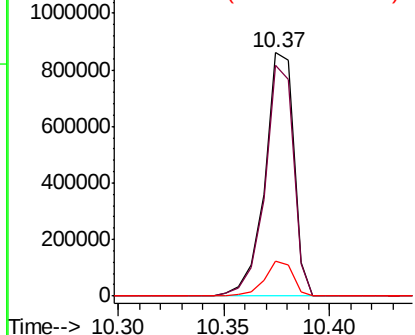


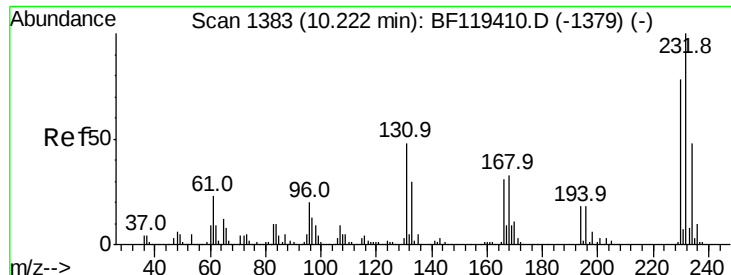
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

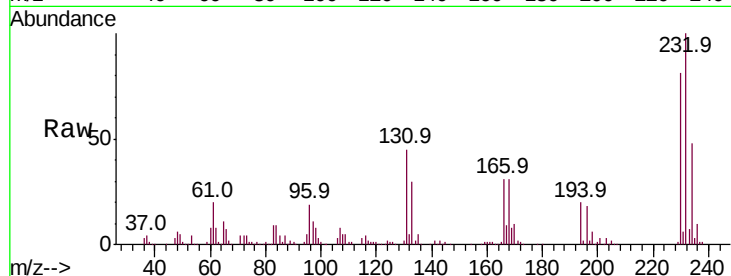




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.961 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion:	232	Resp:	226996
Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.5	56.3
130	2.0	1.8	2.6
166	31.0	24.6	36.8



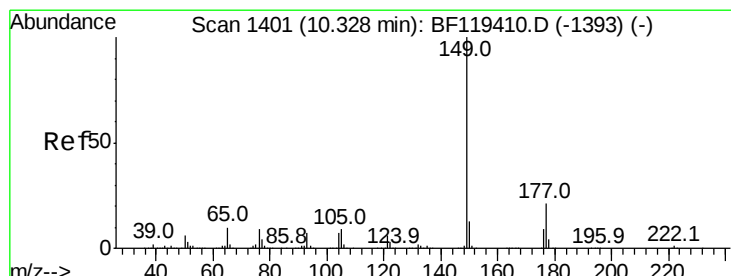
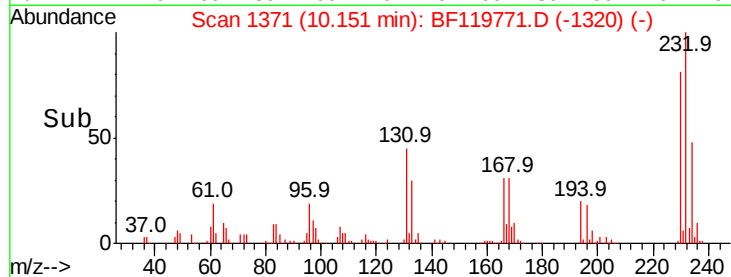
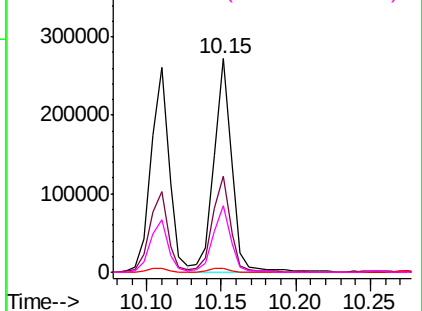
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

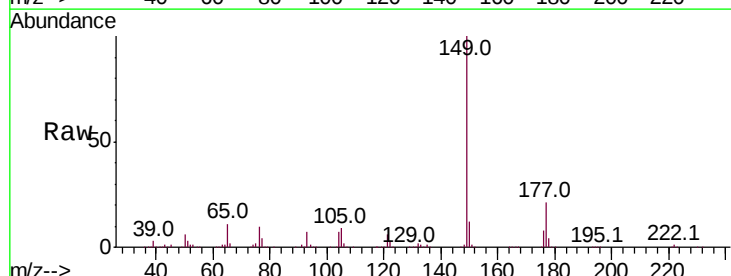
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.564 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion:	149	Resp:	862836
Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.0	25.6
150	12.3	10.1	15.1

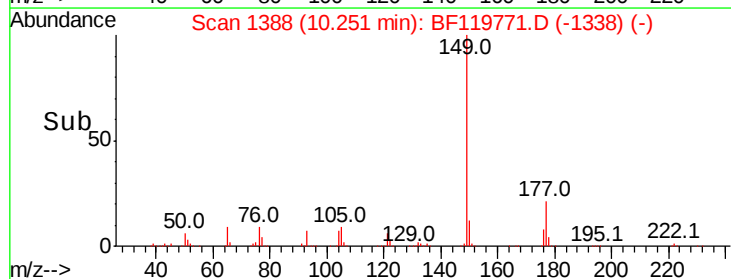
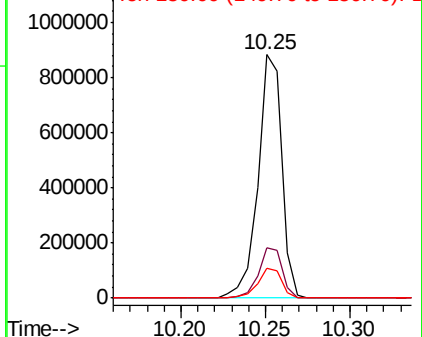


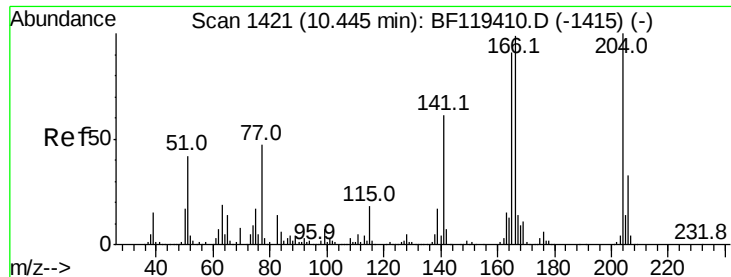
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

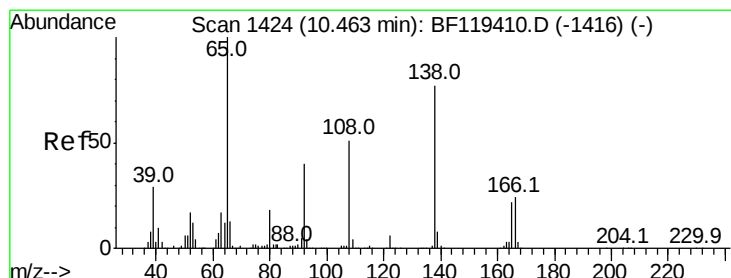
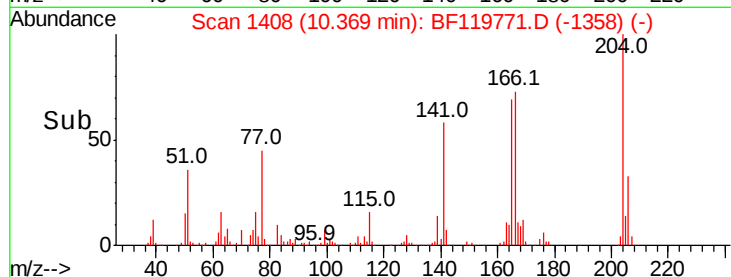
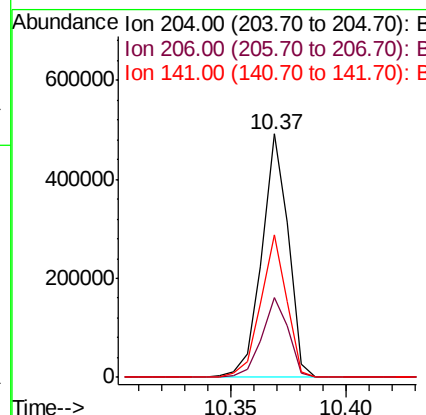
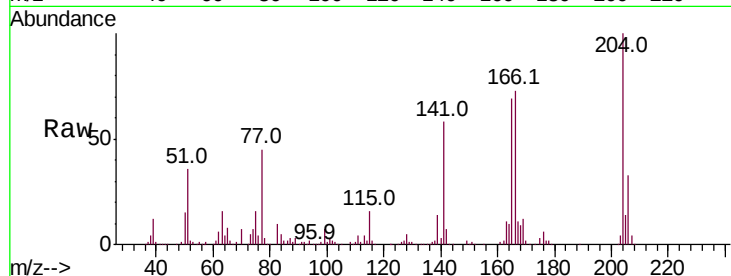




#61
 4-Chlorophenyl-phenylether
 Concen: 43.337 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

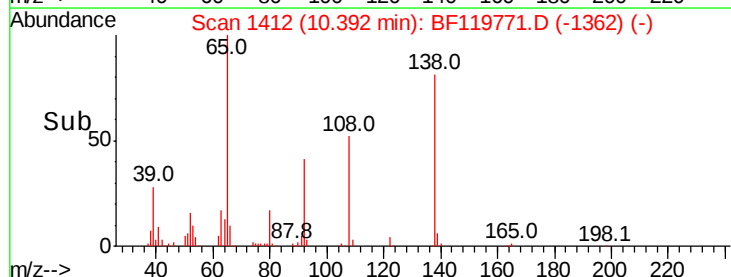
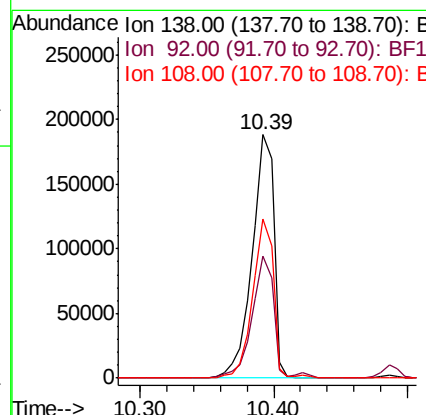
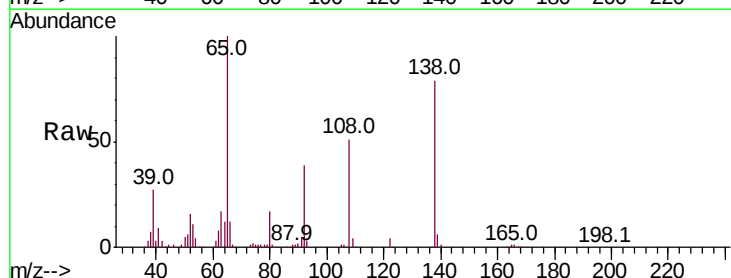
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

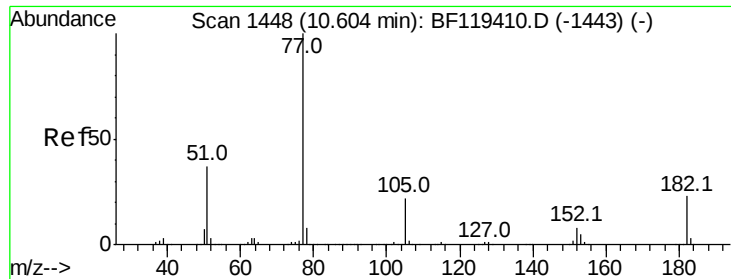
Tot Ion:204 Resp: 394607
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.7 40.1
 141 58.3 47.3 70.9



#62
 4-Nitroaniline
 Concen: 40.360 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion:138 Resp: 209180
 Ion Ratio Lower Upper
 138 100
 92 50.1 31.5 71.5
 108 65.5 45.8 85.8





#63

Azobenzene

Concen: 40.727 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

Tot Ion: 77 Resp: 831390

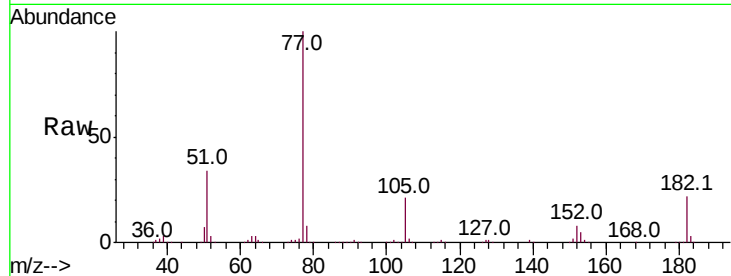
Ion Ratio Lower Upper

77 100

182 22.3 4.4 44.4

105 21.5 2.6 42.6

51 34.1 15.1 55.1

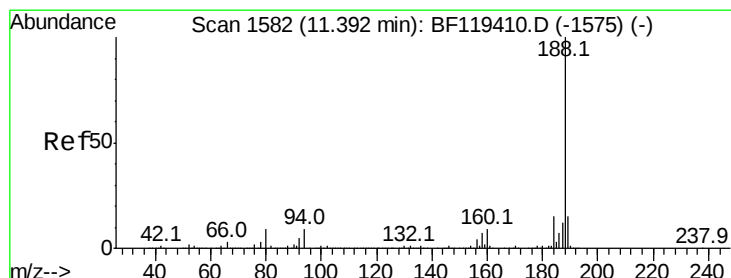
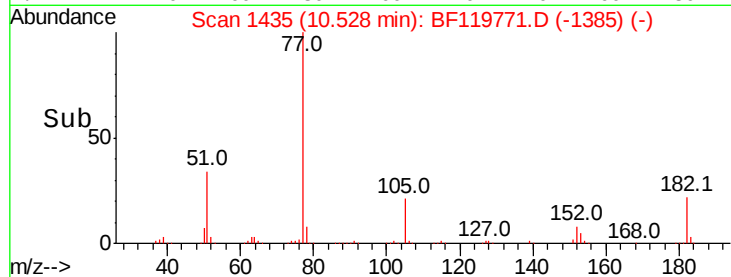
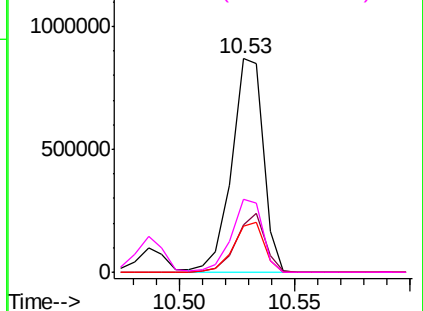


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

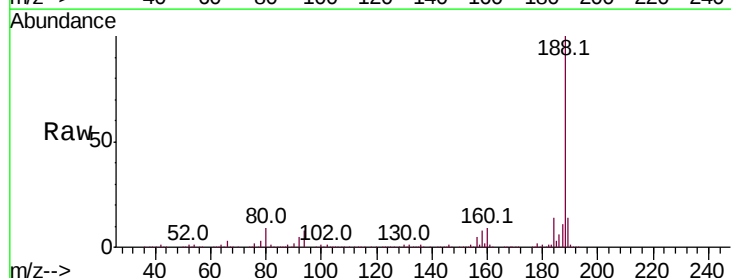
Tgt Ion: 188 Resp: 533378

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

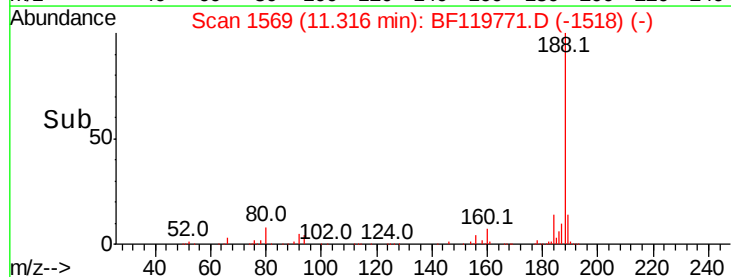
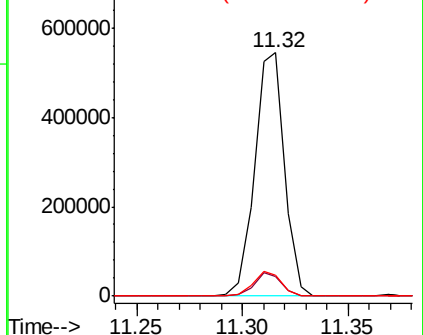
80 8.6 9.0 13.4#

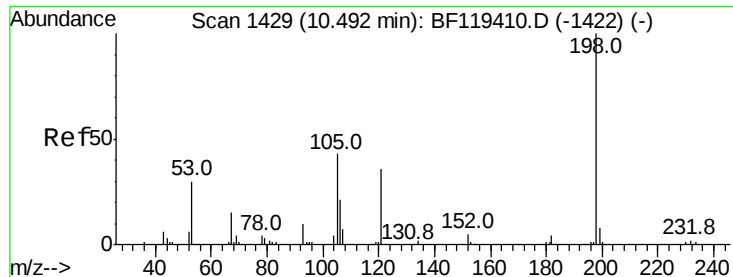


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 66.518 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

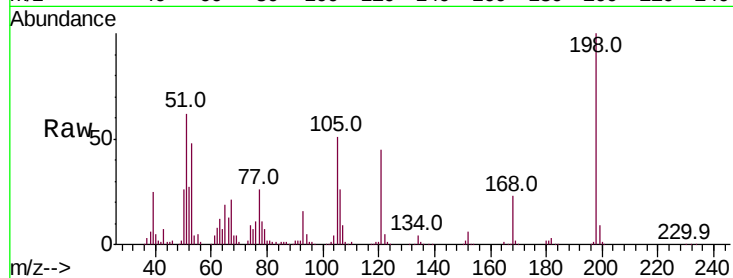
Tot Ion:198 Resp: 148773

Ion Ratio Lower Upper

198 100

51 61.7 29.0 69.0

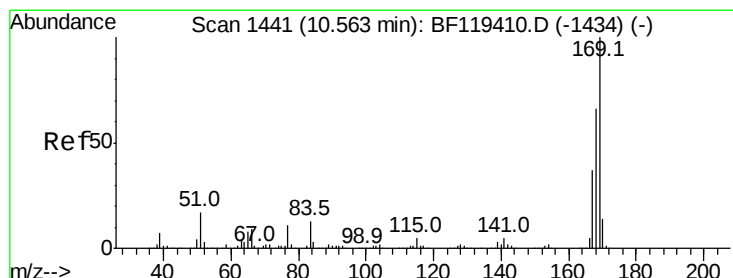
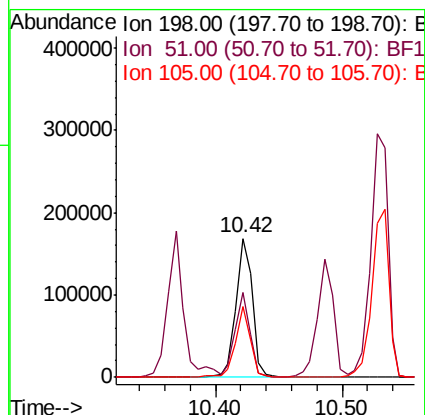
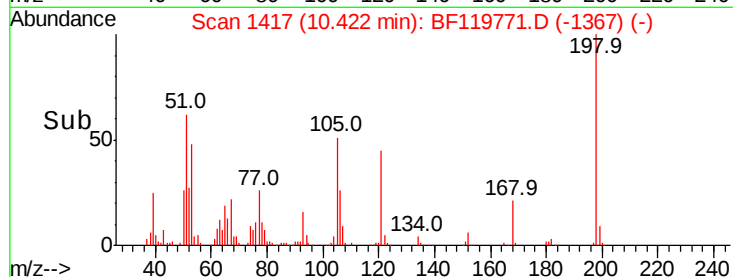
105 51.0 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.483 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

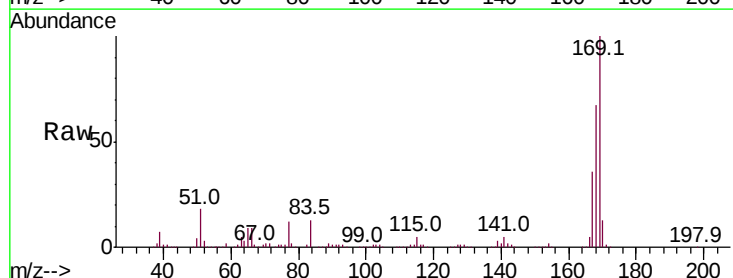
Tgt Ion:169 Resp: 778905

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

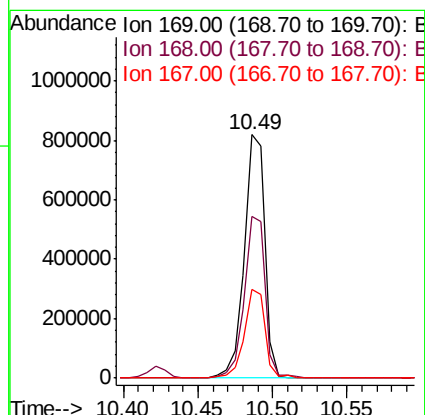
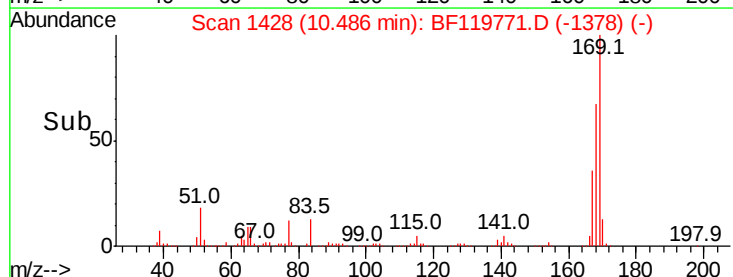
167 36.2 29.1 43.7

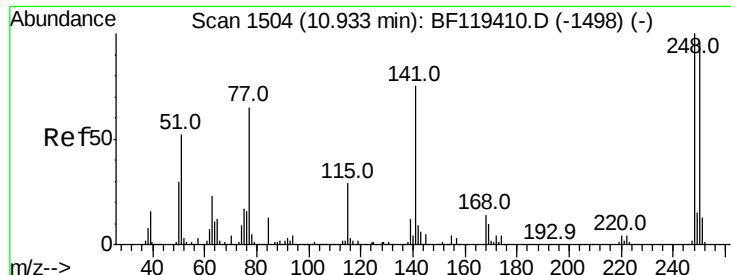


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

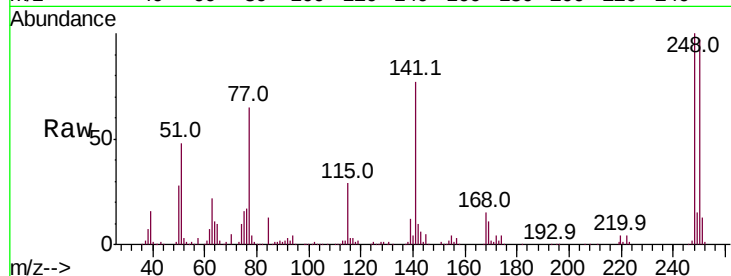




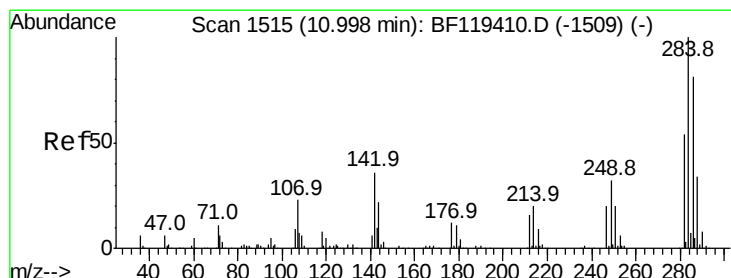
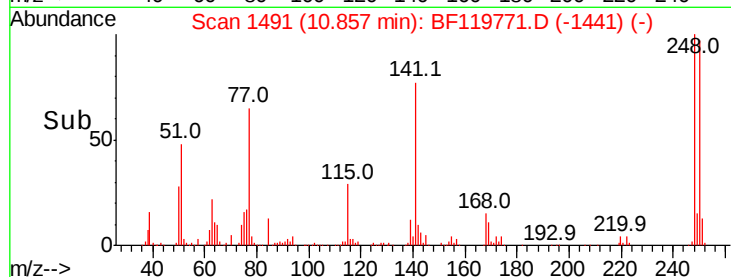
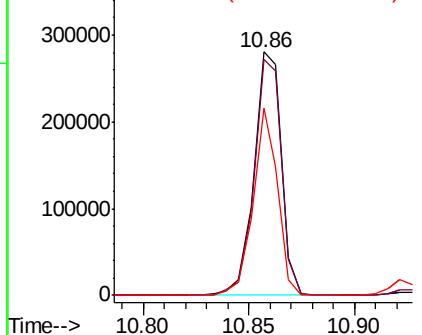
#67
 4-Bromophenyl-phenylether
 Concen: 41.604 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.3	115.9
141	76.7	58.6	87.8

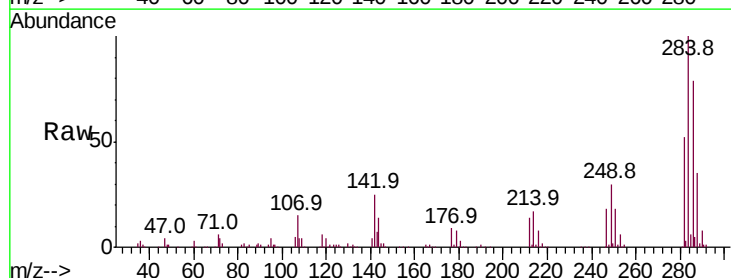


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

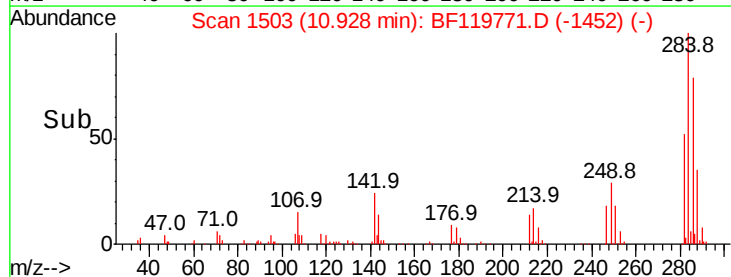
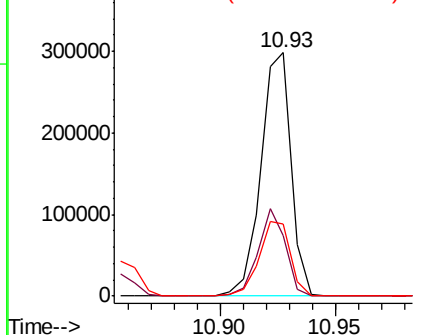


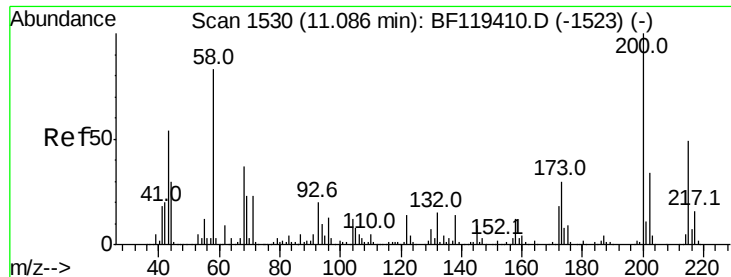
#68
 Hexachlorobenzene
 Concen: 43.857 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	29.2	43.8#
249	29.6	25.1	37.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 49.039 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

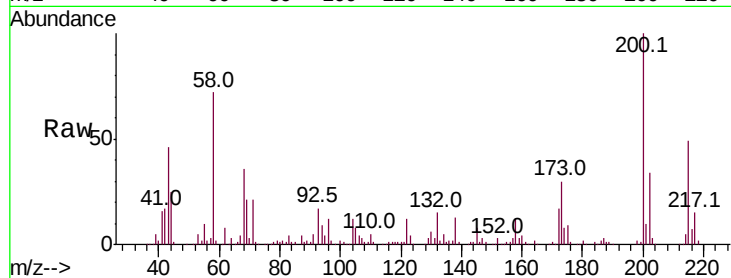
Tot Ion:200 Resp: 235406

Ion Ratio Lower Upper

200 100

173 29.5 9.3 49.3

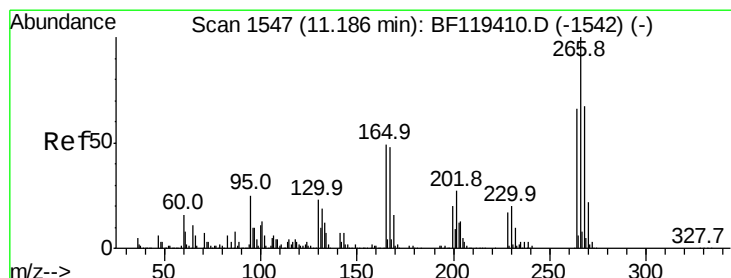
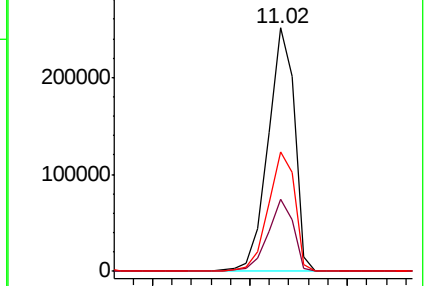
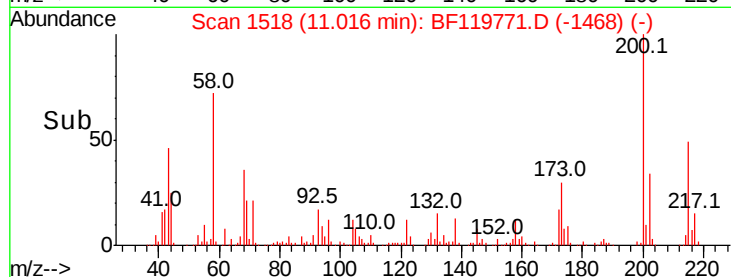
215 49.3 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 90.422 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

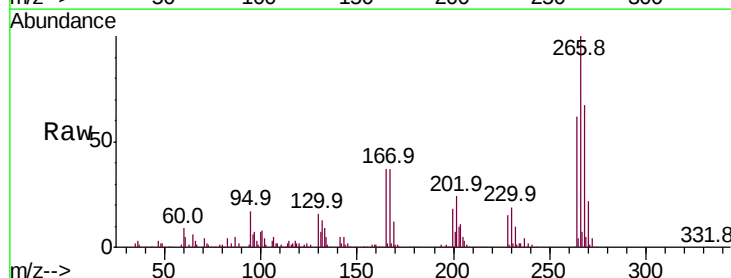
Tgt Ion:266 Resp: 329626

Ion Ratio Lower Upper

266 100

268 66.7 53.3 79.9

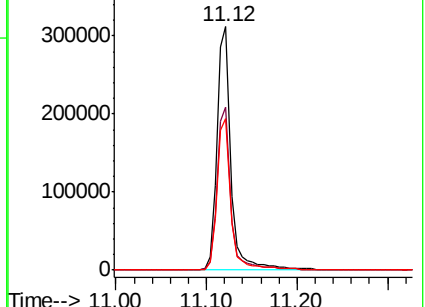
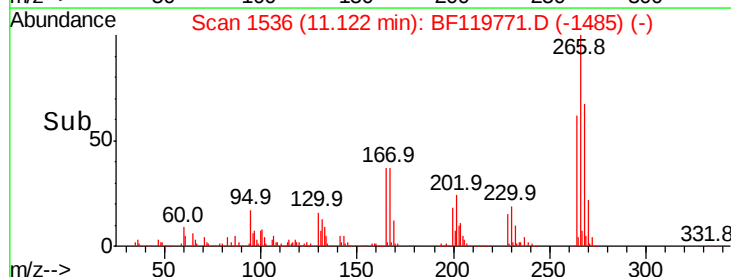
264 62.3 49.0 73.4

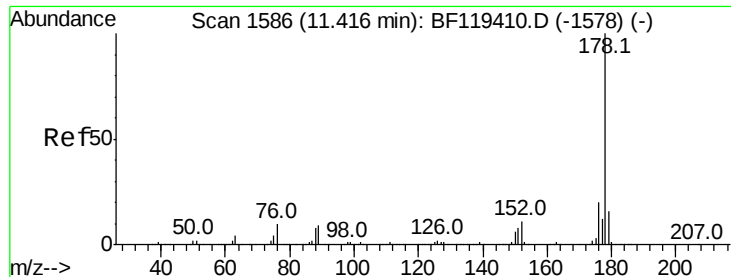


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.188 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

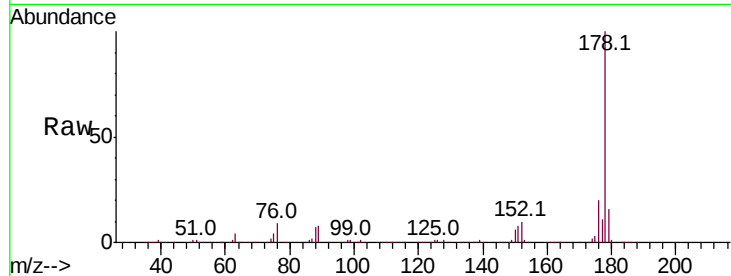
Tot Ion:178 Resp: 1222119

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

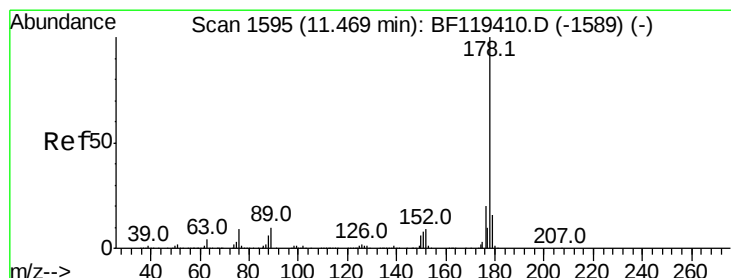
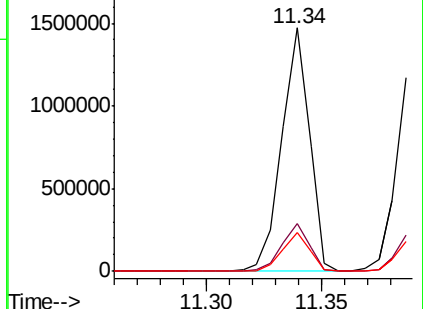
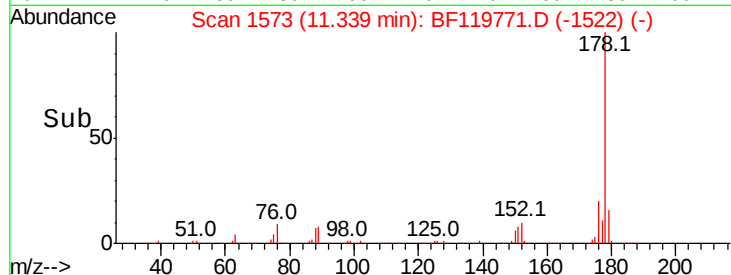
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.728 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

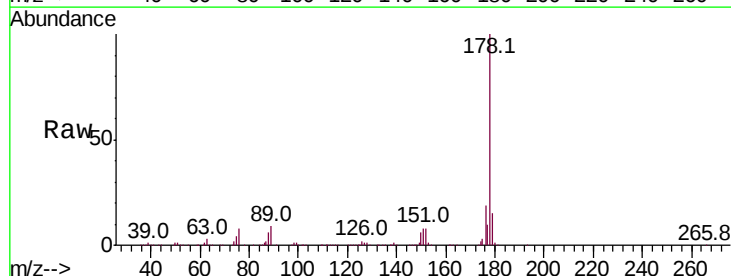
Tgt Ion:178 Resp: 1257259

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

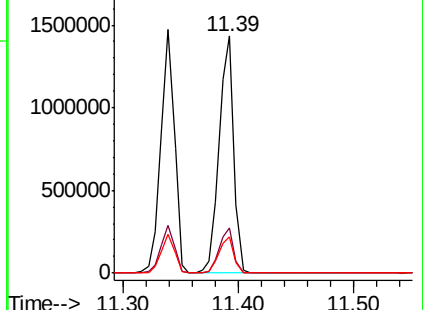
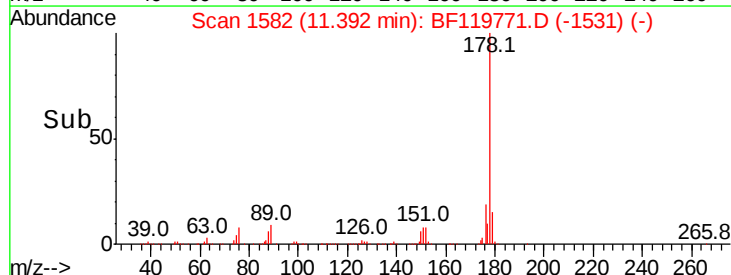
179 15.5 13.0 19.4

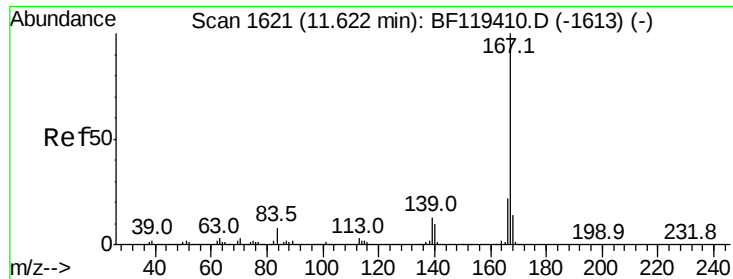


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



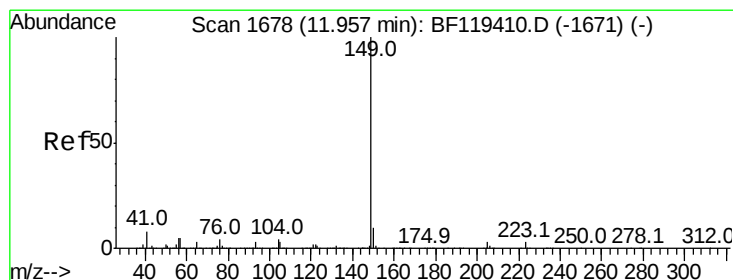
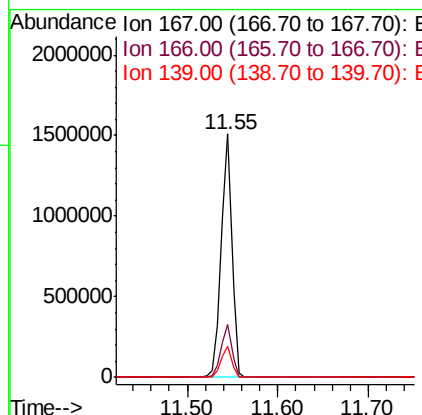
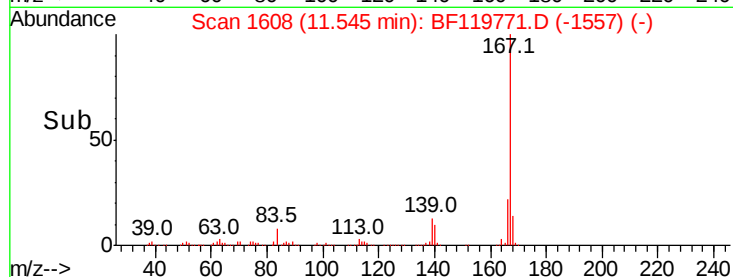
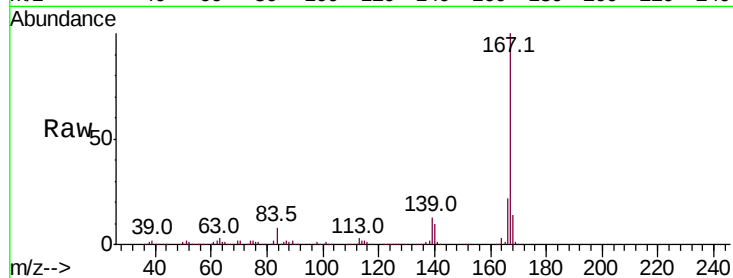


#73
 Carbazole
 Concen: 43.913 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BSD

Tot Ion:167 Resp: 1221753

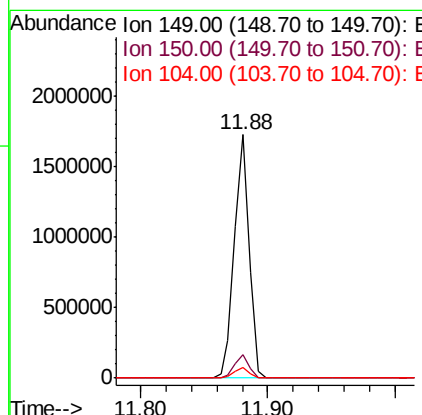
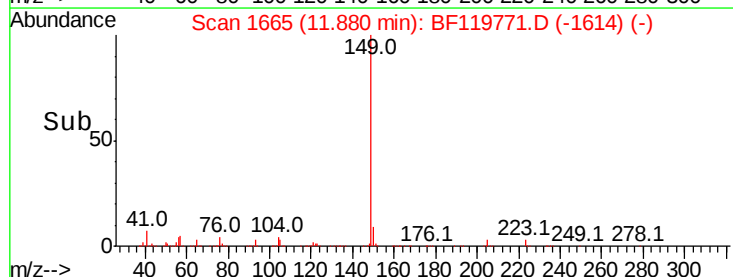
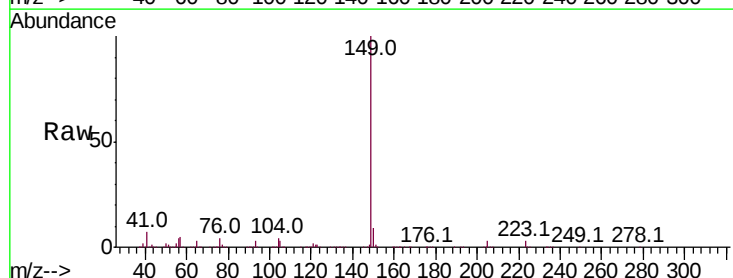
Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	12.7	10.7	16.1

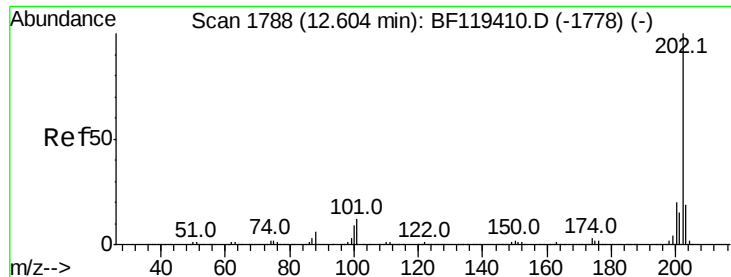


#74
 Di-n-butylphthalate
 Concen: 46.074 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF119771.D
 Acq: 6 Apr 2020 14:58

Tgt Ion:149 Resp: 1371279

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 43.907 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

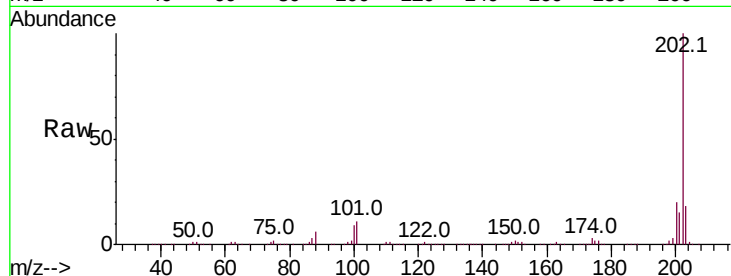
Tot Ion:202 Resp: 1314209

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.2

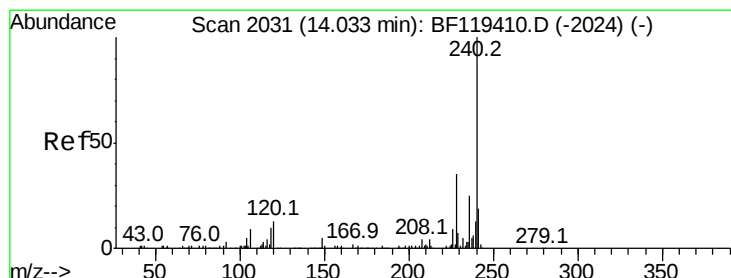
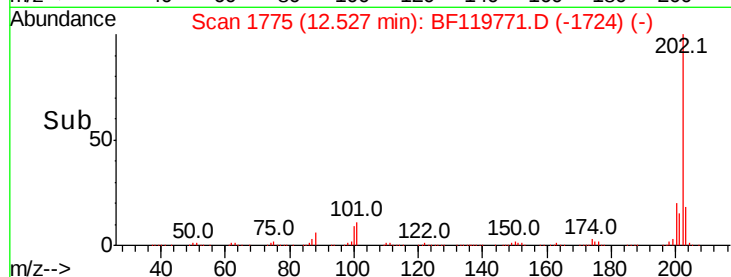
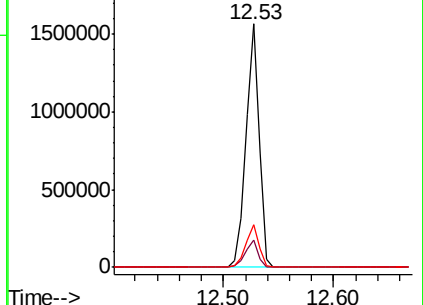
203 17.7 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

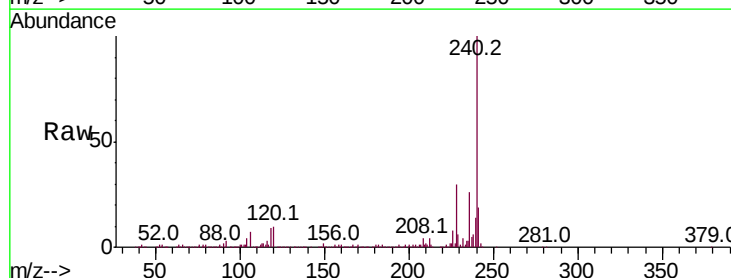
Tgt Ion:240 Resp: 401299

Ion Ratio Lower Upper

240 100

120 9.8 10.6 15.8#

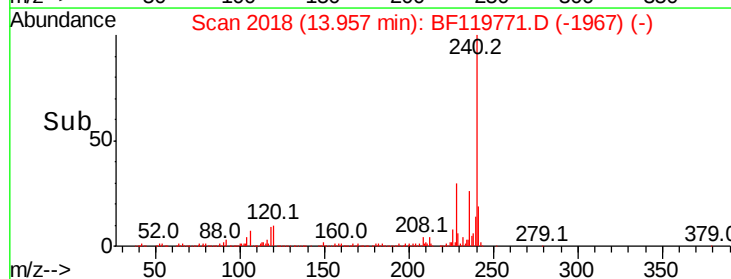
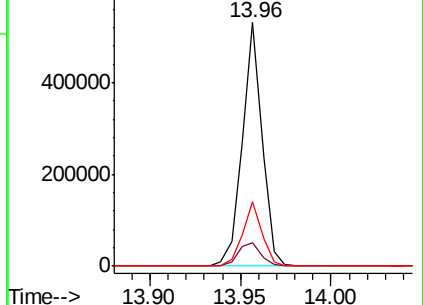
236 26.2 20.2 30.2

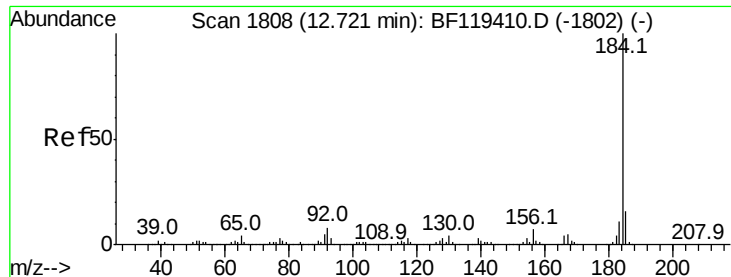


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.764 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

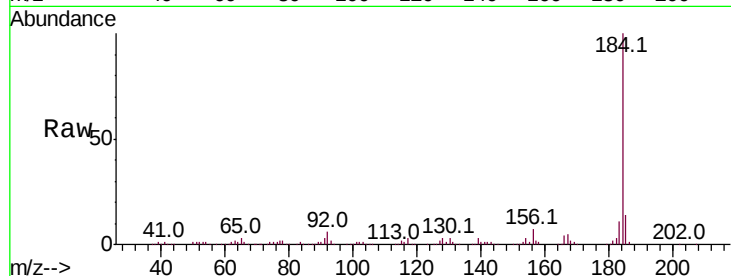
Tot Ion:184 Resp: 488505

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

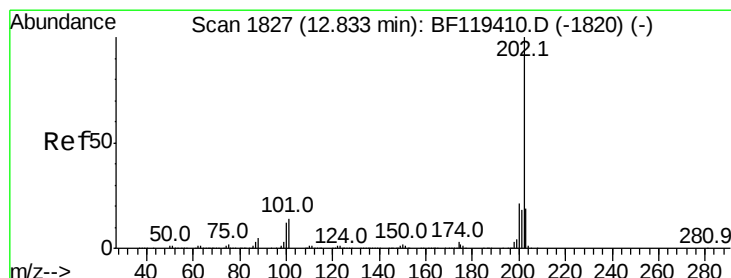
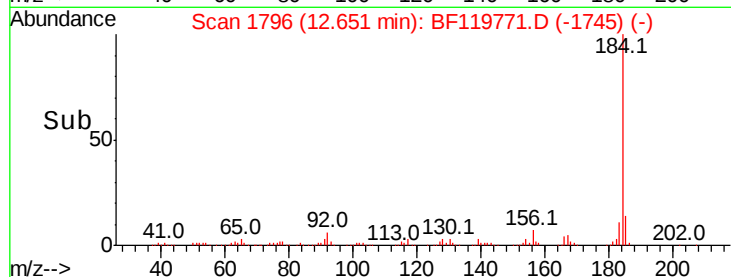
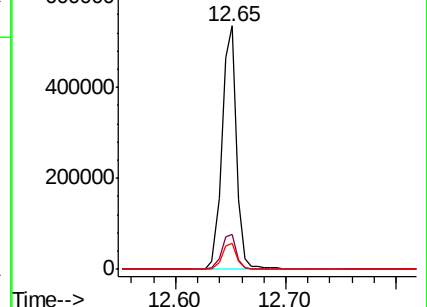
183 10.8 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.765 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

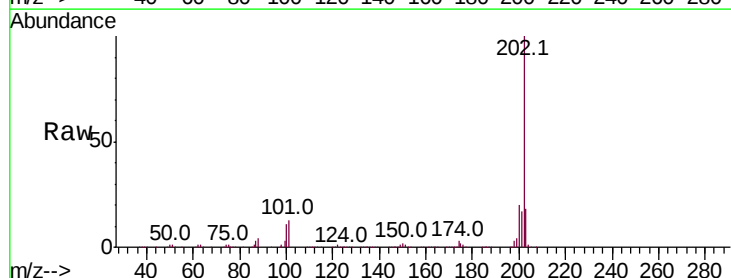
Tgt Ion:202 Resp: 1342565

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

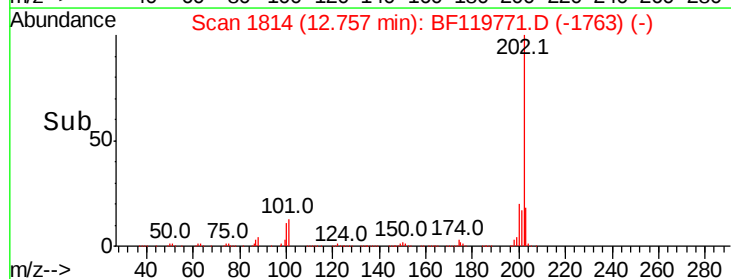
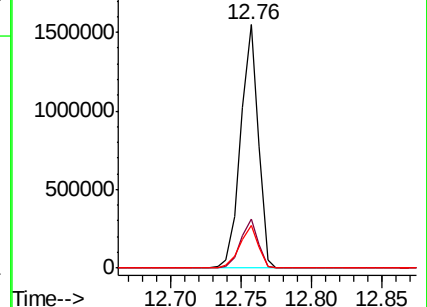
203 17.6 15.1 22.7

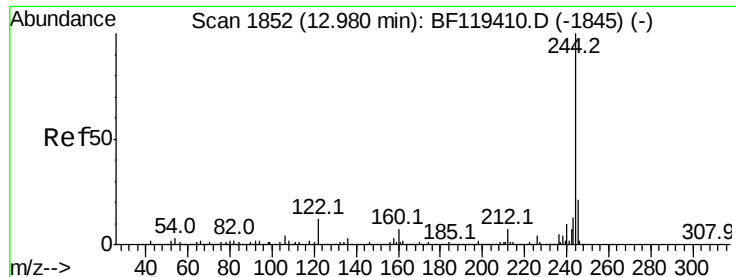


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.346 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

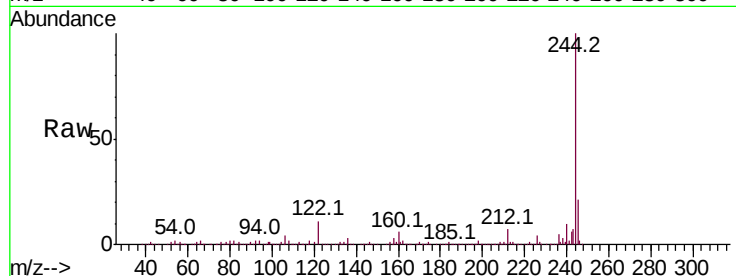
Tot Ion:244 Resp: 1789083

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

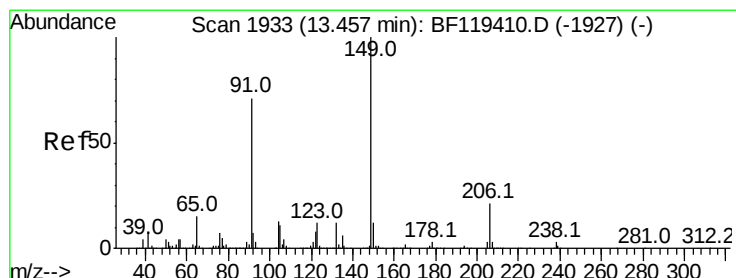
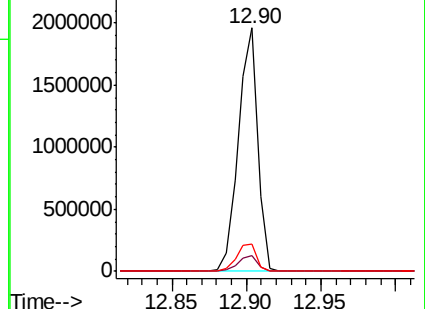
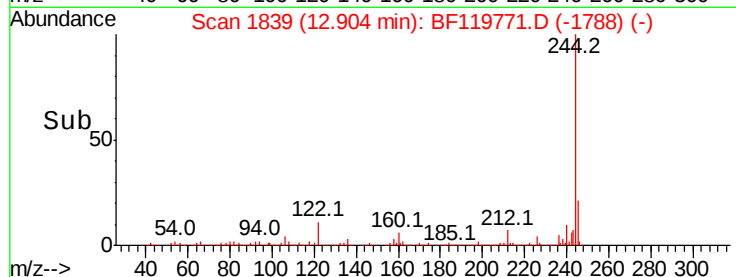
122 11.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.782 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

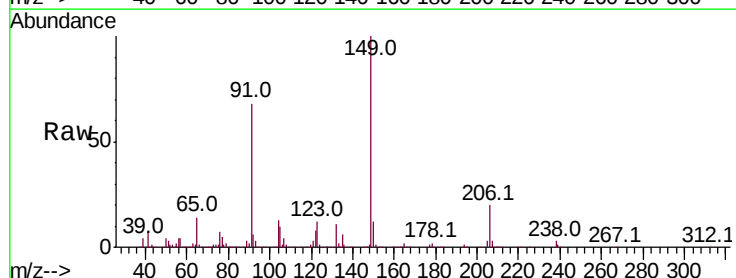
Tgt Ion:149 Resp: 569872

Ion Ratio Lower Upper

149 100

91 68.0 54.7 82.1

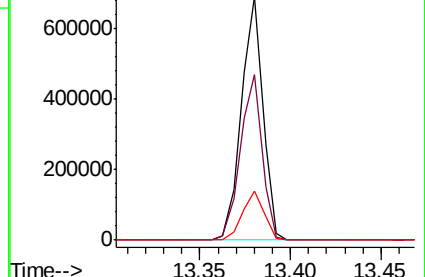
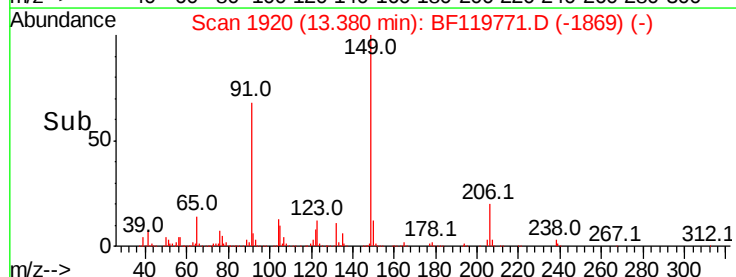
206 20.0 16.2 24.2

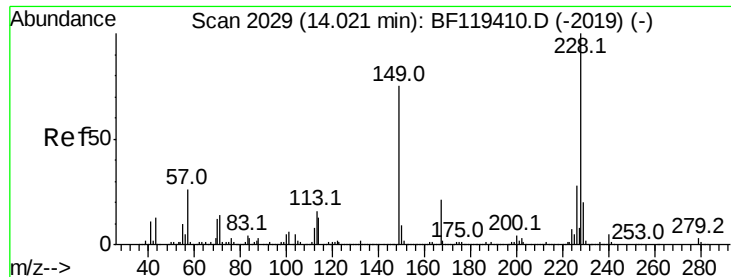


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

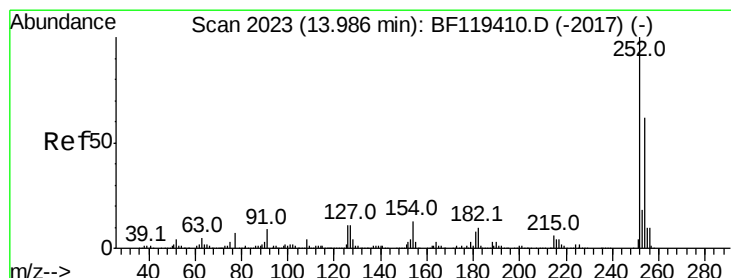
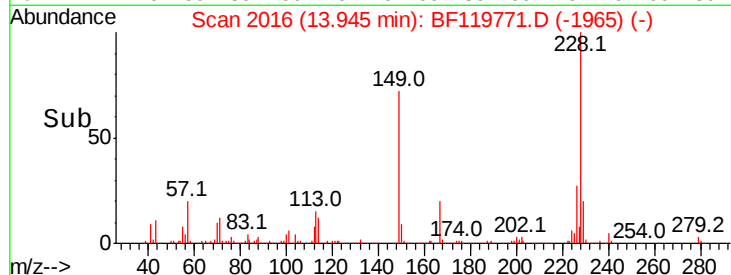
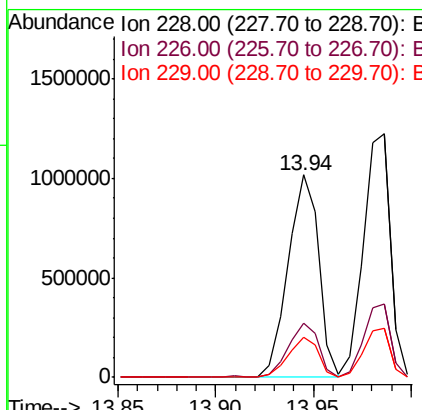
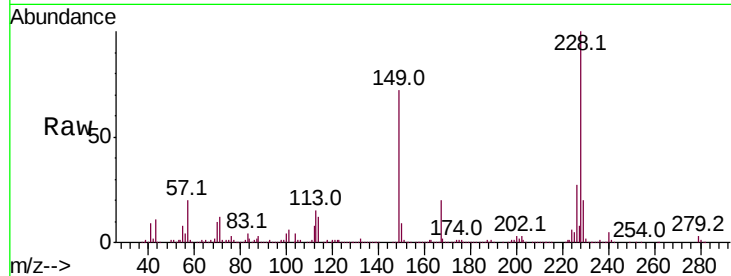




#81
Benzo(a)anthracene
Concen: 42.184 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

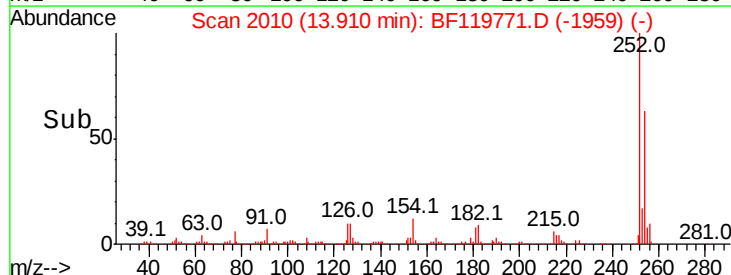
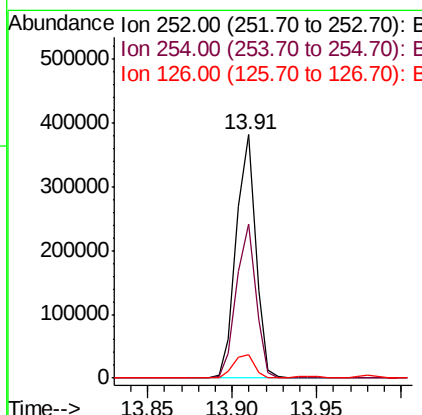
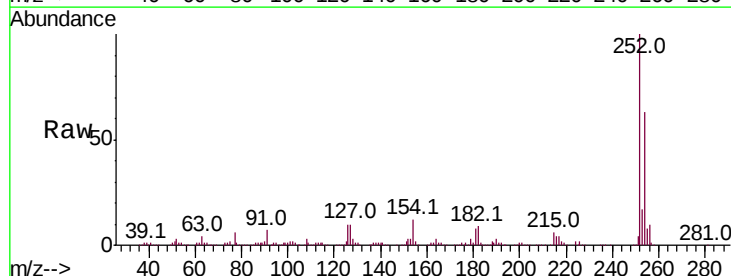
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

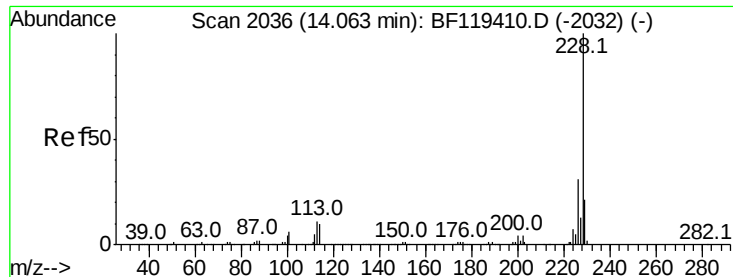
Tot Ion:228 Resp: 1100830
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 29.995 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:252 Resp: 308630
Ion Ratio Lower Upper
252 100
254 63.2 51.2 76.8
126 9.6 9.6 14.4





#83

Chrvsene

Concen: 43.478 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

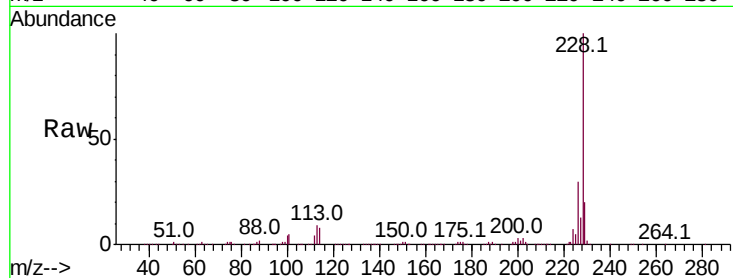
Tot Ion:228 Resp: 1170939

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.0

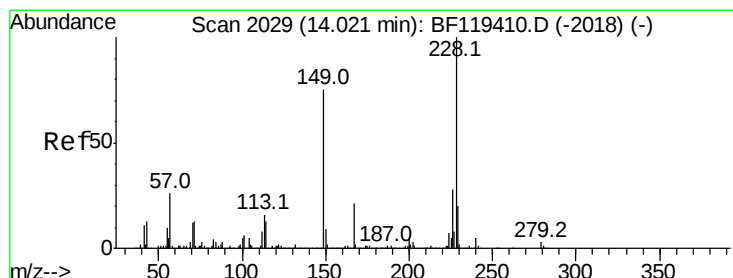
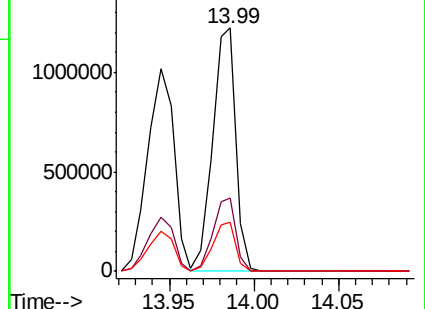
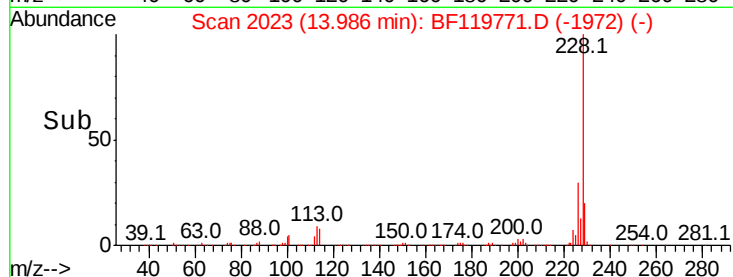
229 20.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.436 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

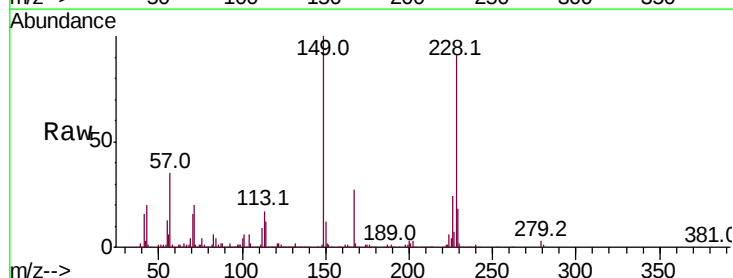
Tgt Ion:149 Resp: 737361

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

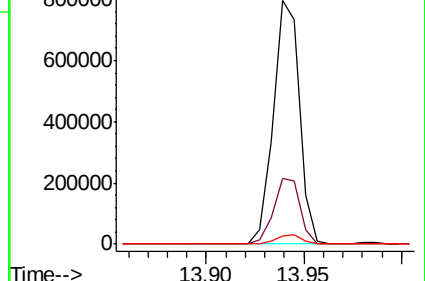
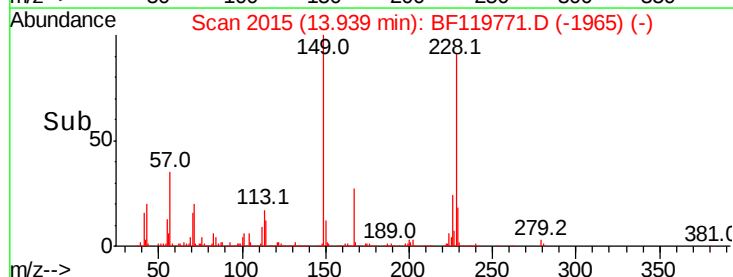
279 3.2 2.7 4.1

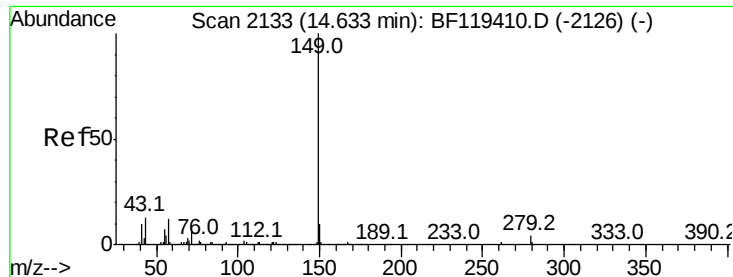


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.747 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

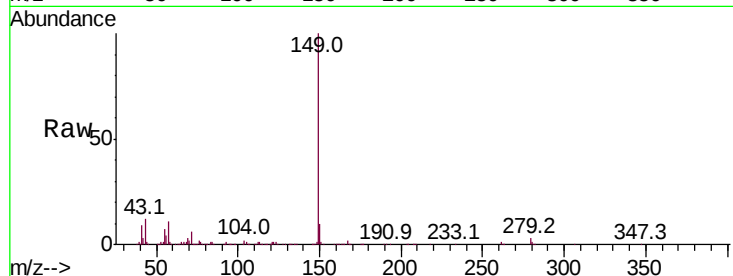
Tot Ion:149 Resp: 1361353

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

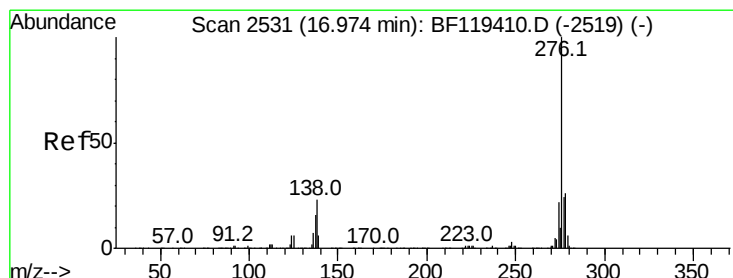
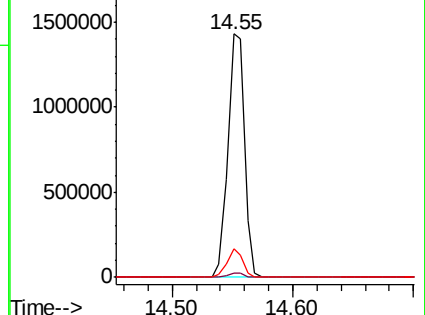
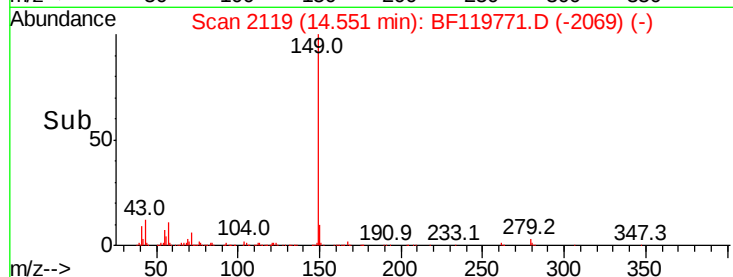
43 10.9 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.561 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

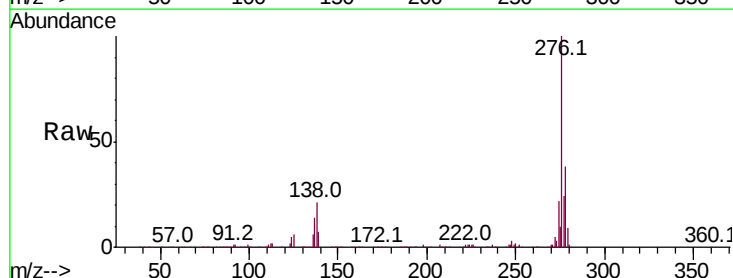
Tgt Ion:276 Resp: 1307821

Ion Ratio Lower Upper

276 100

138 23.3 19.6 29.4

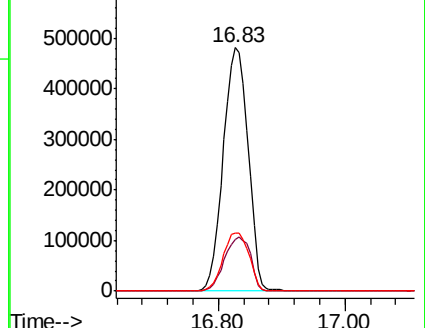
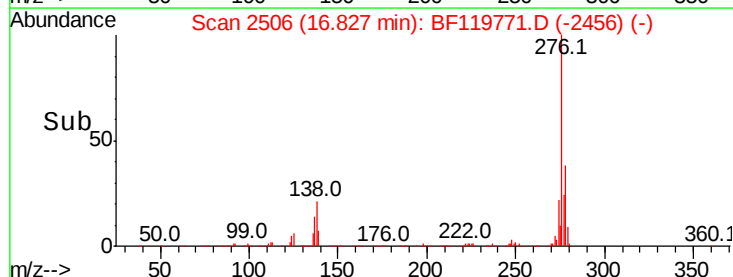
277 25.1 20.0 30.0

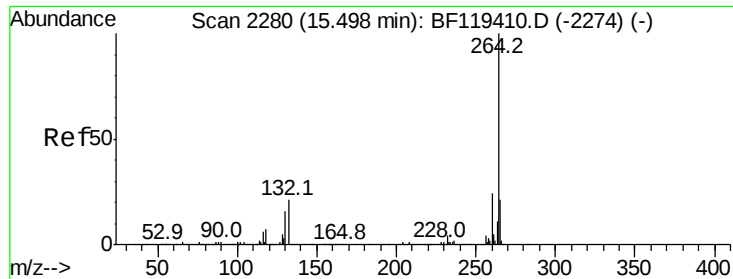


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

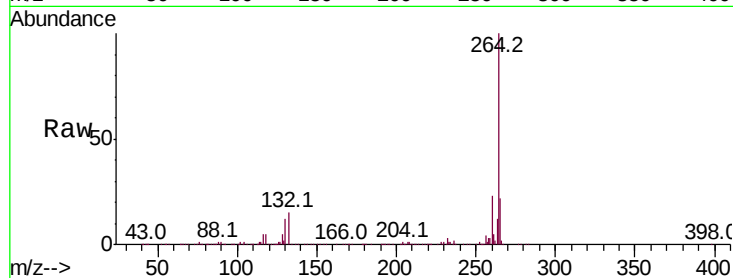
Tot Ion:264 Resp: 444436

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.0 17.7 26.5

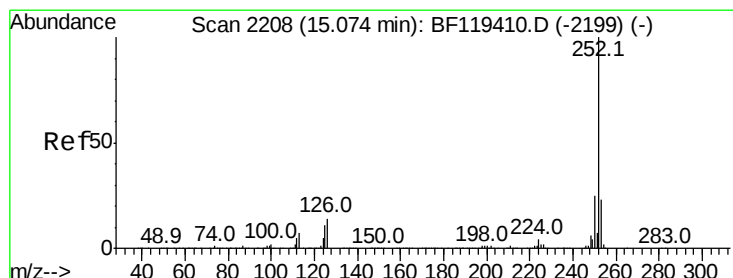
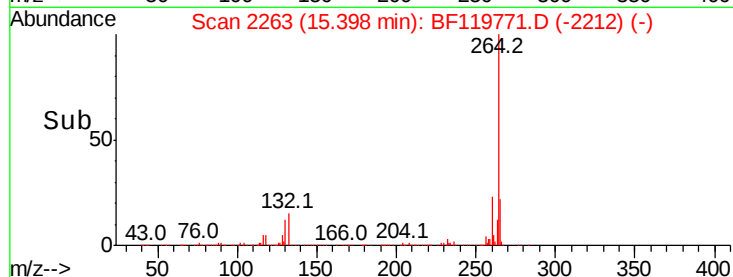
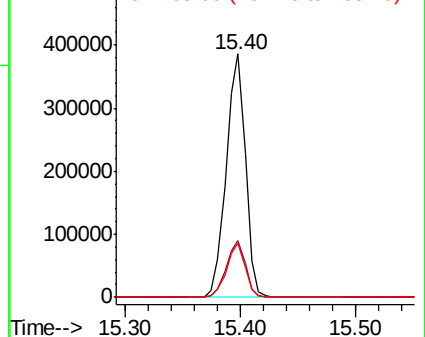


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.078 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

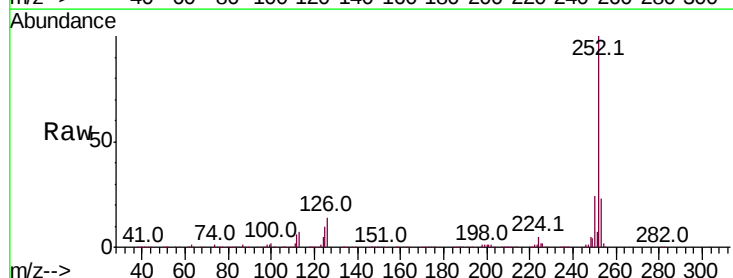
Tgt Ion:252 Resp: 1219534

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.3 7.9 11.9

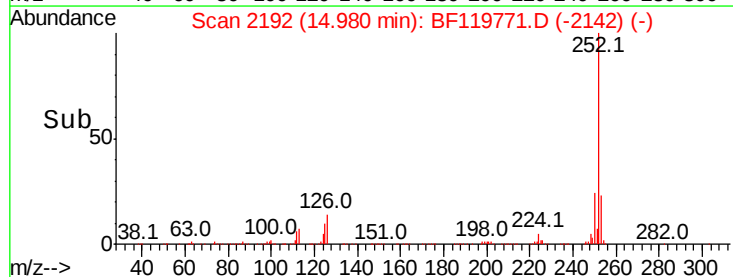
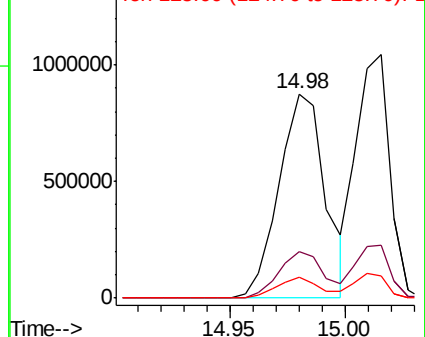


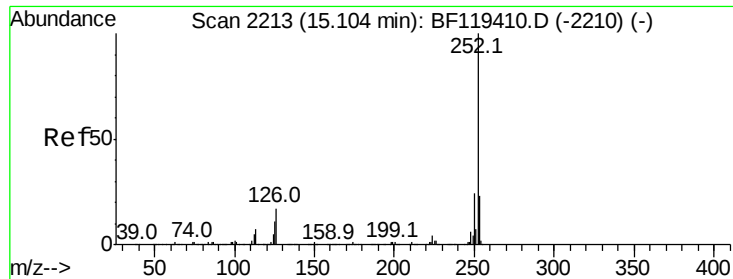
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

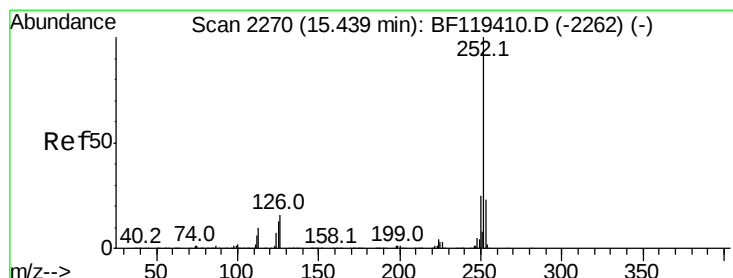
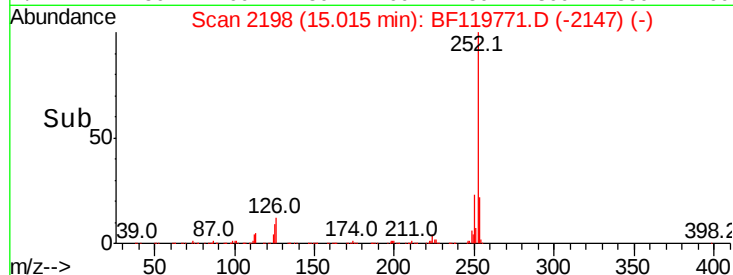
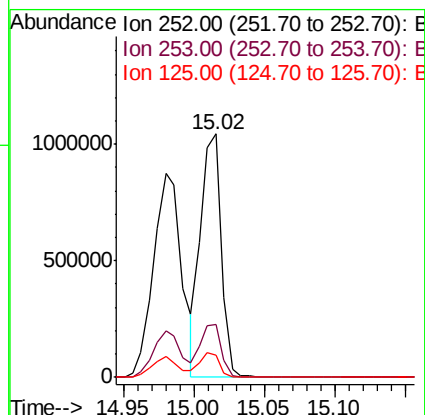
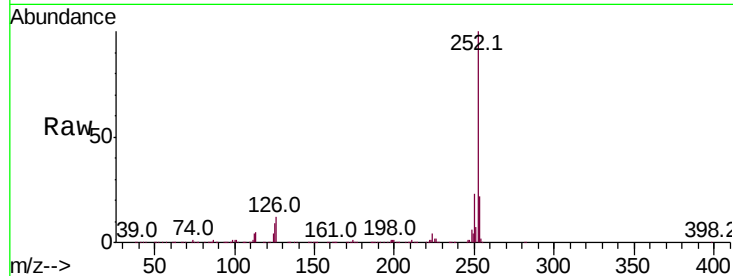




#89
Benzo(k)fluoranthene
Concen: 37.498 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

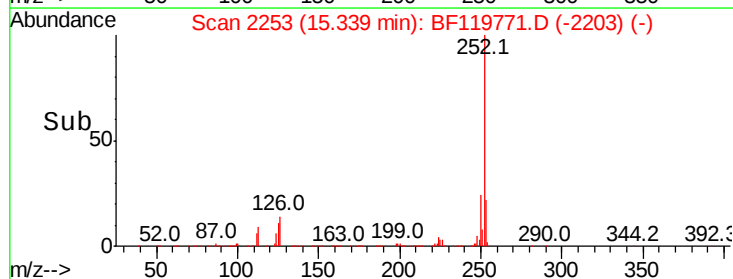
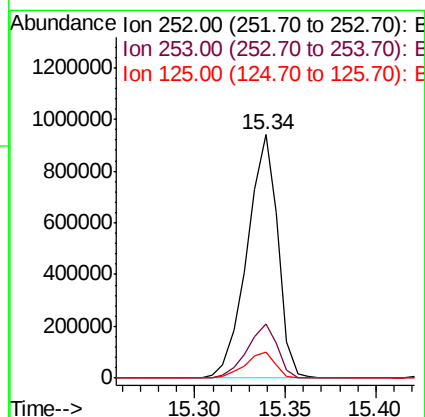
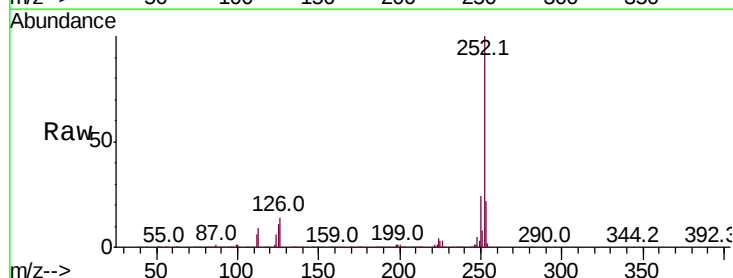
Instrument :
BNA_F
ClientSampleId :
PB128003BSD

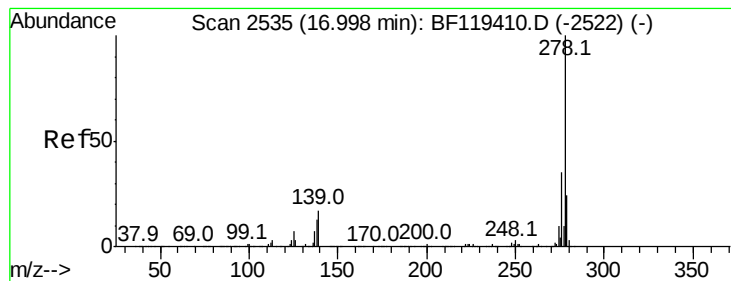
Tot Ion:252 Resp: 1060043
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.063 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119771.D
Acq: 6 Apr 2020 14:58

Tgt Ion:252 Resp: 1107903
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 45.899 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

Instrument :

BNA_F

ClientSampleId :

PB128003BSD

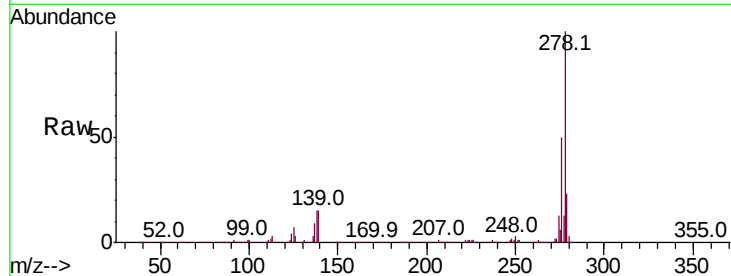
Tot Ion:278 Resp: 1083156

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.6	19.0
279	23.3	19.0	28.6

278 100

139 15.2 12.6 19.0

279 23.3 19.0 28.6

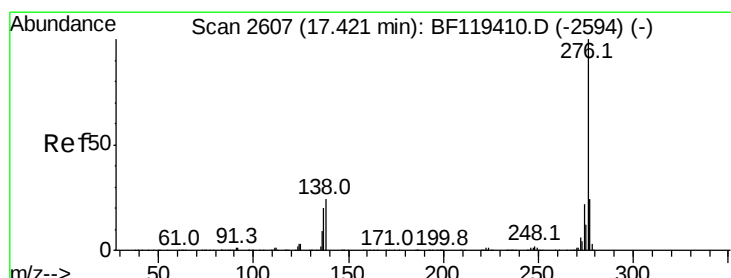
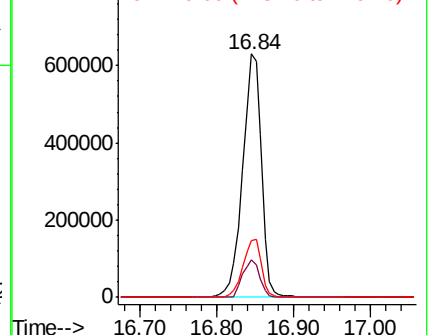
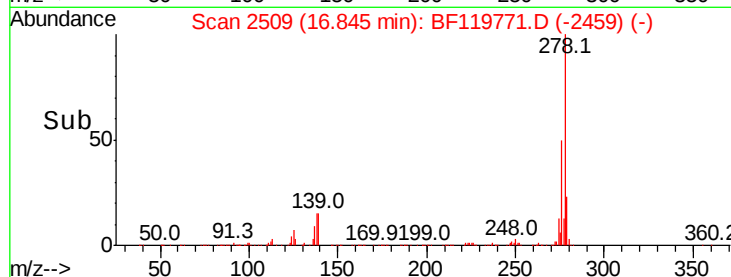


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.576 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF119771.D

Acq: 6 Apr 2020 14:58

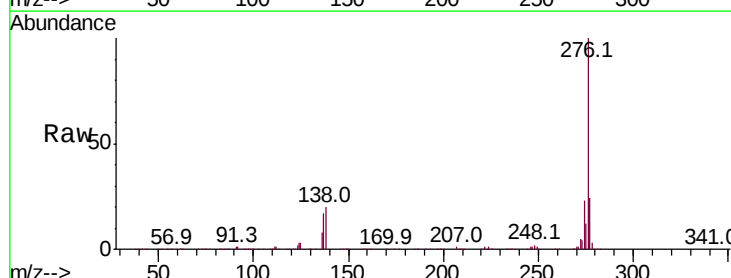
Tgt Ion:276 Resp: 1127934

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	19.9	15.4	23.0

276 100

277 23.8 18.4 27.6

138 19.9 15.4 23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

