

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119130.D
 Acq On : 28 Feb 2020 13:39
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:36:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163848	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	616848	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	349317	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	638023	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	445568	20.00	ng	-0.01
87) Perylene-d12	15.31	264	403006	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	756614	77.17	ng	-0.01
7) Phenol-d6	6.39	99	924567	77.54	ng	-0.02
23) Nitrobenzene-d5	7.30	82	893829	76.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	351433	76.91	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1755770	74.05	ng	-0.01
79) Terphenyl-d14	12.83	244	2116333	81.78	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	153813	35.236	ng	99
3) Pyridine	3.13	79	430467	36.108	ng	99
4) n-Nitrosodimethylamine	3.07	42	135863	37.621	ng	96
6) Aniline	6.40	93	563863	38.324	ng	# 64
8) 2-Chlorophenol	6.53	128	410696	38.815	ng	99
9) Benzaldehyde	6.29	77	278017	34.898	ng	98
10) Phenol	6.40	94	489480	37.968	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	384981	39.028	ng	98
12) 1,3-Dichlorobenzene	6.67	146	485314	38.269	ng	97
13) 1,4-Dichlorobenzene	6.75	146	492197	38.785	ng	99
14) 1,2-Dichlorobenzene	6.91	146	454025	39.229	ng	98
15) Benzyl Alcohol	6.89	79	352679	40.924	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	329355	38.545	ng	97
17) 2-Methylphenol	7.00	107	333555	38.883	ng	98
18) Hexachloroethane	7.25	117	180539	39.765	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	286885	41.290	ng	97
20) 3+4-Methylphenols	7.00	107	332427	31.630	ng	80
22) Acetophenone	7.15	105	555376	38.913	ng	# 99
24) Nitrobenzene	7.32	77	436435	37.777	ng	97
25) Isophorone	7.56	82	789241	38.899	ng	100
26) 2-Nitrophenol	7.64	139	231904	37.884	ng	98
27) 2,4-Dimethylphenol	7.68	122	313698	37.760	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	501647	37.985	ng	99
29) 2,4-Dichlorophenol	7.89	162	375590	38.403	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	435042	37.517	ng	98
31) Naphthalene	8.04	128	1214903	37.977	ng	99
32) Benzoic acid	7.83	122	229073	39.210	ng	99
33) 4-Chloroaniline	8.09	127	520117	37.801	ng	99
34) Hexachlorobutadiene	8.16	225	278263	38.524	ng	98
35) Caprolactam	8.47	113	116614	38.723	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	385187	38.915	ng	96
37) 2-Methylnaphthalene	8.73	142	832469	38.668	ng	98
38) 1-Methylnaphthalene	8.83	142	784944	38.769	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	439514	37.318	ng	99

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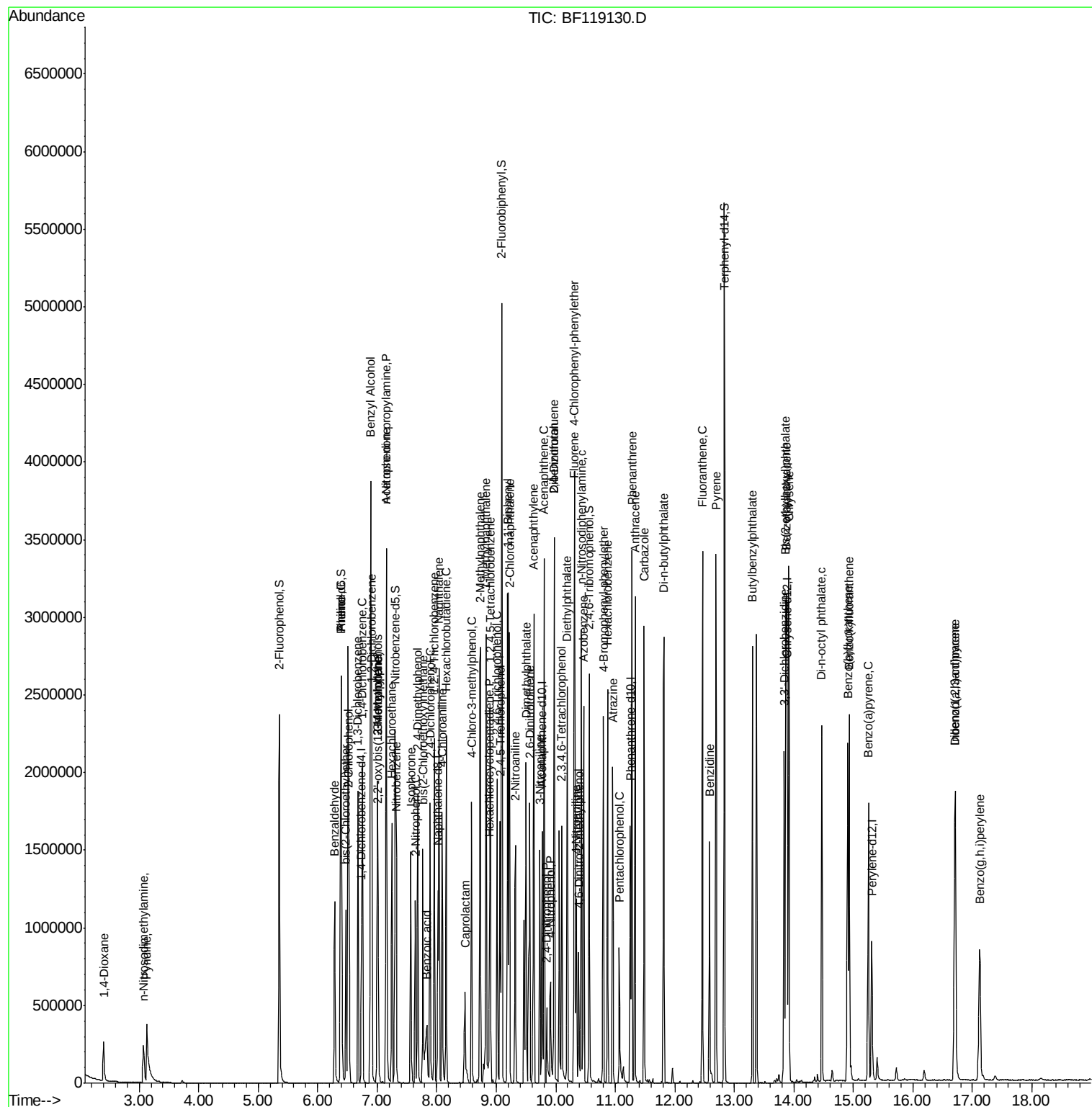
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	87487	27.405	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	282963	38.046	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	289324	37.071	ng	99
46) 1,1'-Biphenyl	9.20	154	1073246	38.015	ng	98
47) 2-Chloronaphthalene	9.22	162	850890	37.401	ng	98
48) 2-Nitroaniline	9.32	65	243899	38.436	ng	96
49) Acenaphthylene	9.63	152	1239239	37.714	ng	99
50) Dimethylphthalate	9.50	163	1029243	38.532	ng	99
51) 2,6-Dinitrotoluene	9.56	165	226407	38.151	ng	93
52) Acenaphthene	9.80	154	749026	37.804	ng	99
53) 3-Nitroaniline	9.73	138	240014	36.481	ng	95
54) 2,4-Dinitrophenol	9.85	184	94495	37.176	ng	98
55) Dibenzofuran	9.98	168	1116344	37.748	ng	95
56) 4-Nitrophenol	9.91	139	127734	32.314	ng	97
57) 2,4-Dinitrotoluene	9.97	165	289267	37.605	ng	98
58) Fluorene	10.32	166	895376	38.963	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	258641	39.275	ng	99
60) Diethylphthalate	10.19	149	1001059	39.768	ng	99
61) 4-Chlorophenyl-phenylether	10.31	204	479264	39.401	ng	98
62) 4-Nitroaniline	10.35	138	250292	37.184	ng	96
63) Azobenzene	10.47	77	867802	39.662	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	149756	38.789	ng	91
66) n-Nitrosodiphenylamine	10.43	169	803375	38.455	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	325610	39.043	ng	95
68) Hexachlorobenzene	10.87	284	368952	38.371	ng	97
69) Atrazine	10.96	200	272207	37.293	ng	98
70) Pentachlorophenol	11.07	266	135131	34.888	ng	99
71) Phenanthrene	11.28	178	1339748	38.504	ng	98
72) Anthracene	11.33	178	1345409	38.699	ng	98
73) Carbazole	11.49	167	1164513	37.599	ng	98
74) Di-n-butylphthalate	11.82	149	1523885	40.629	ng	99
75) Fluoranthene	12.46	202	1401038	37.934	ng	99
77) Benzidine	12.58	184	627681	34.639	ng	99
78) Pyrene	12.69	202	1397060	39.047	ng	99
80) Butylbenzylphthalate	13.30	149	613066	40.713	ng	96
81) Benzo(a)anthracene	13.88	228	1182720	38.957	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	458069	38.857	ng	99
83) Chrysene	13.92	228	1144043	37.819	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	813335	42.753	ng	98
85) Di-n-octyl phthalate	14.47	149	1236258	40.786	ng	99
86) Indeno(1,2,3-cd)pyrene	16.71	276	918273	31.350	ng	100
88) Benzo(b)fluoranthene	14.90	252	1034005	38.925	ng	100
89) Benzo(k)fluoranthene	14.93	252	1030487	41.860	ng	99
90) Benzo(a)pyrene	15.25	252	914279	38.135	ng	99
91) Dibenzo(a,h)anthracene	16.71	278	762083	36.126	ng	99
92) Benzo(g,h,i)perylene	17.12	276	723913	34.732	ng	99

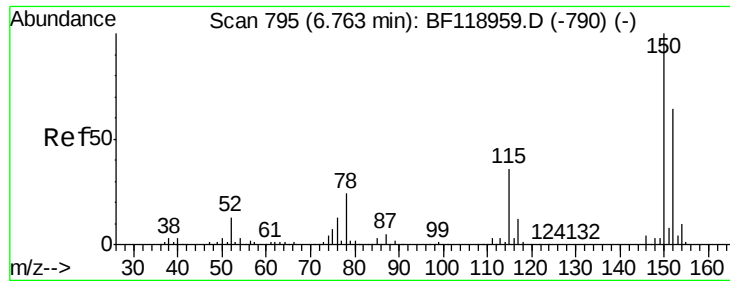
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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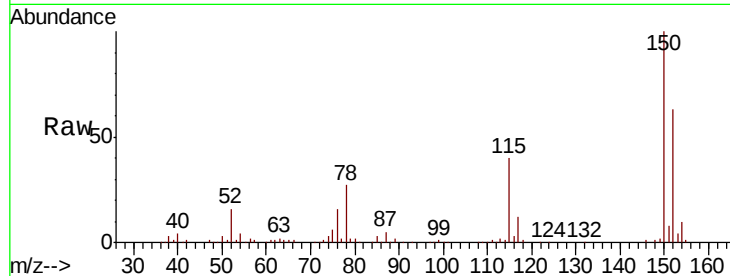


#1

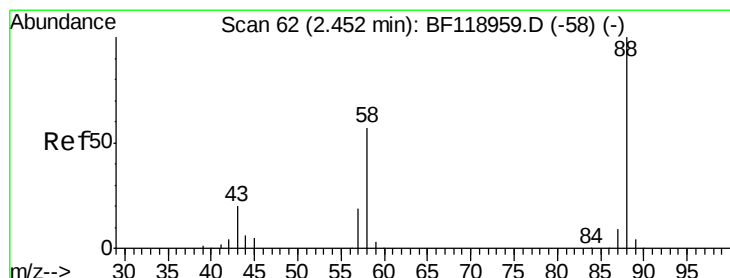
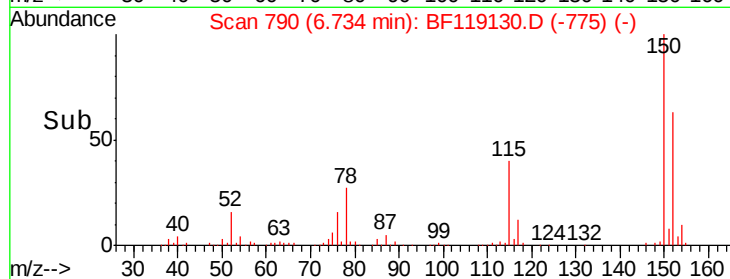
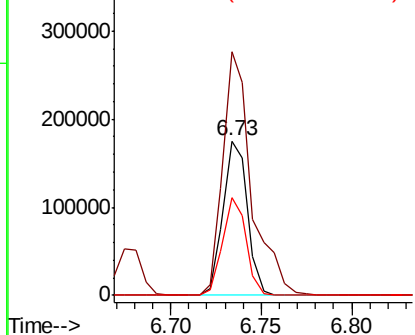
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.6
115	63.3	49.5	74.3



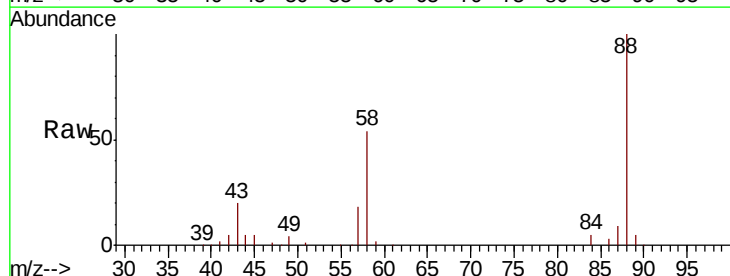
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



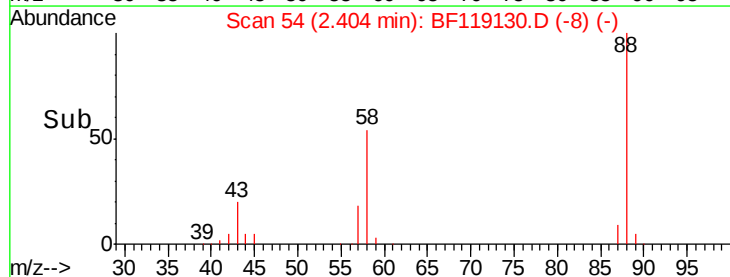
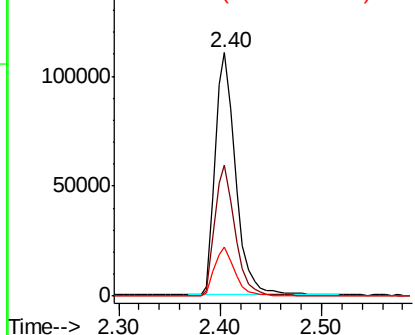
#2

1,4-Dioxane
Concen: 35.236 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.03 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.0	43.8	65.6
43	20.1	16.2	24.4



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: 36.108 ng

RT: 3.13 min Scan# 177

Delta R.T. -0.03 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

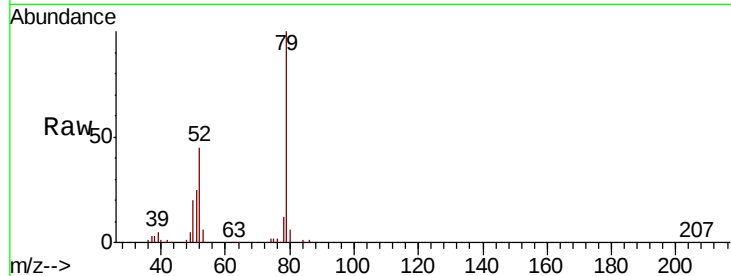
Tot Ion: 79 Resp: 430467

Ion Ratio Lower Upper

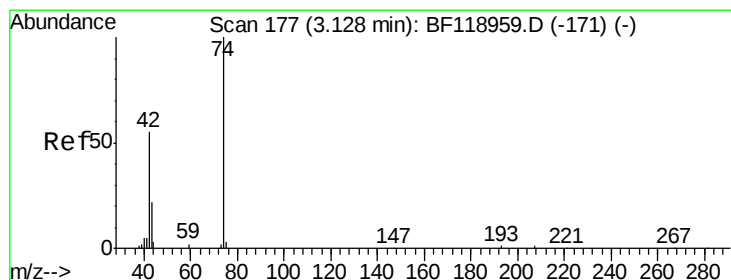
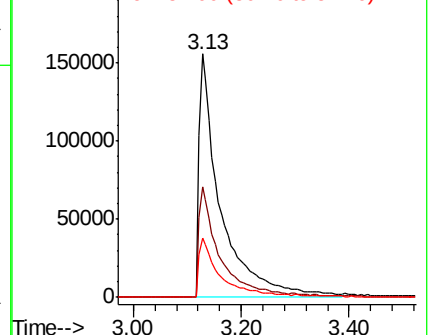
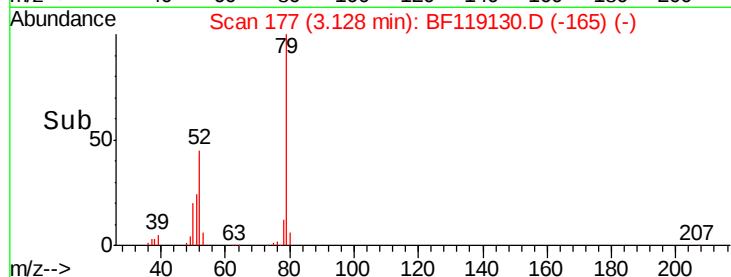
79 100

52 45.4 37.4 56.0

51 24.6 19.8 29.6



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: 37.621 ng

RT: 3.07 min Scan# 168

Delta R.T. -0.05 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

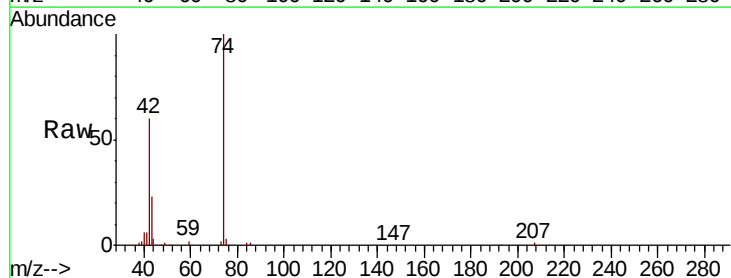
Tgt Ion: 42 Resp: 135863

Ion Ratio Lower Upper

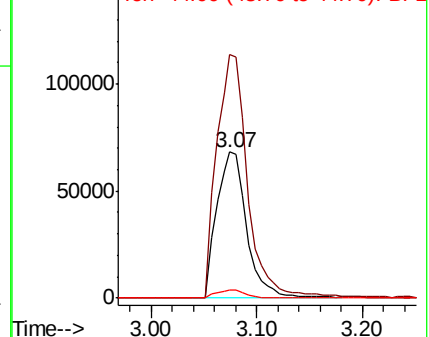
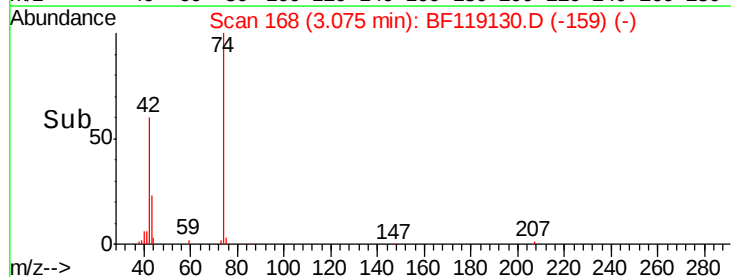
42 100

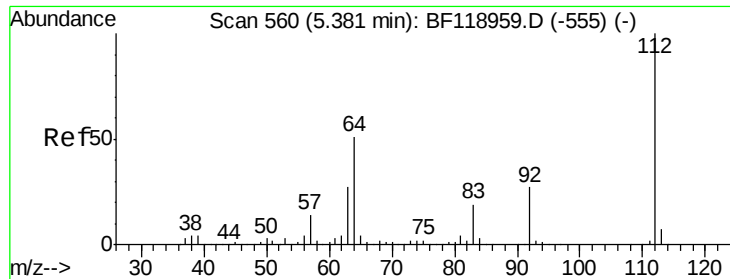
74 166.7 137.7 206.5

44 5.6 4.5 6.7



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: 77.171 ng

RT: 5.36 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

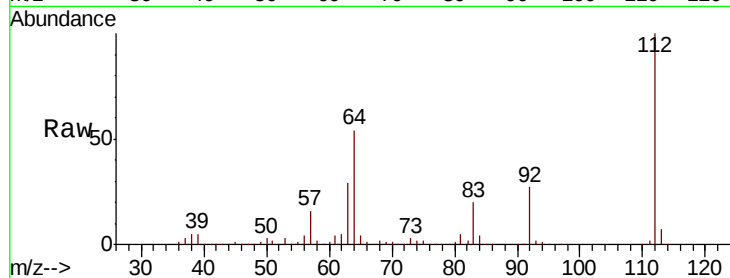
Tot Ion:112 Resp: 756614

Ion Ratio Lower Upper

112 100

64 54.1 45.0 67.4

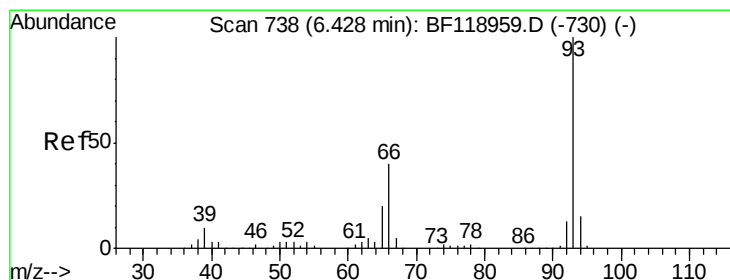
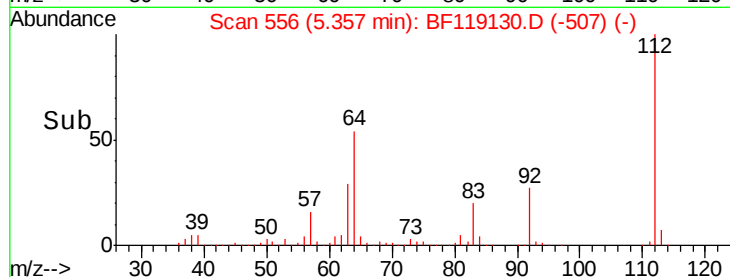
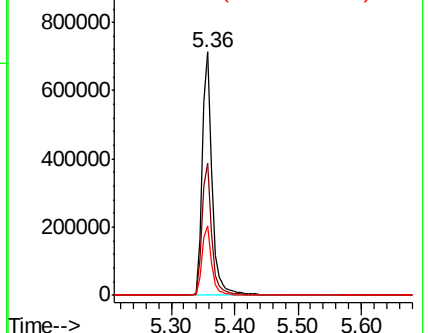
63 28.7 24.2 36.4



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: 38.324 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

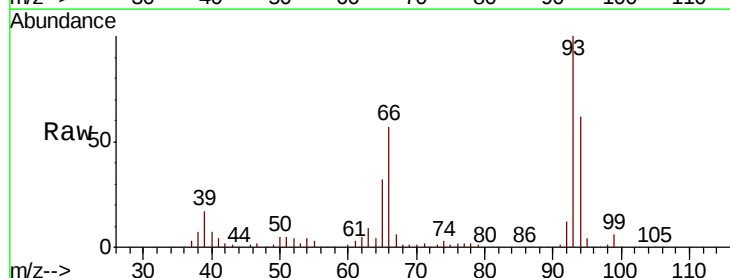
Tgt Ion: 93 Resp: 563863

Ion Ratio Lower Upper

93 100

66 56.7 74.5 111.7#

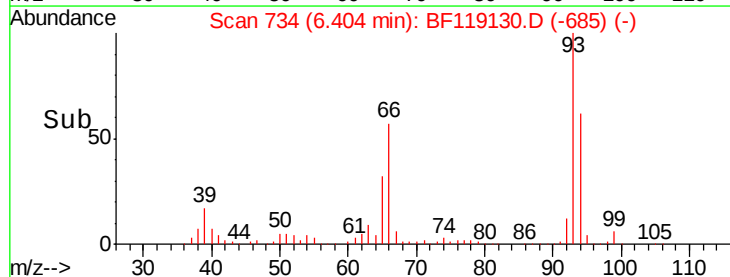
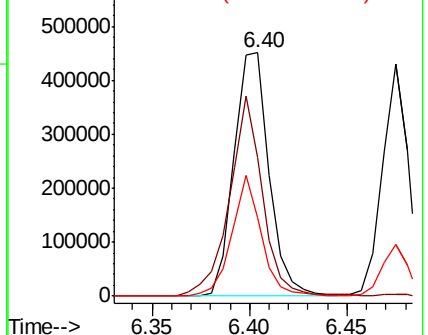
65 32.0 45.3 67.9#

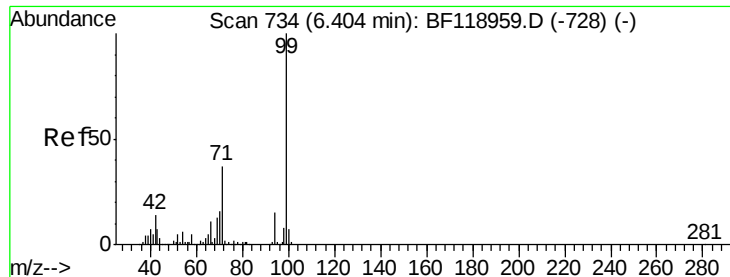


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.539 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

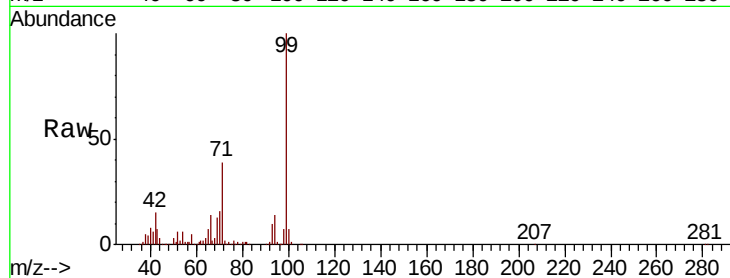
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 924567

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.6	18.8
71	38.6	31.0	46.4

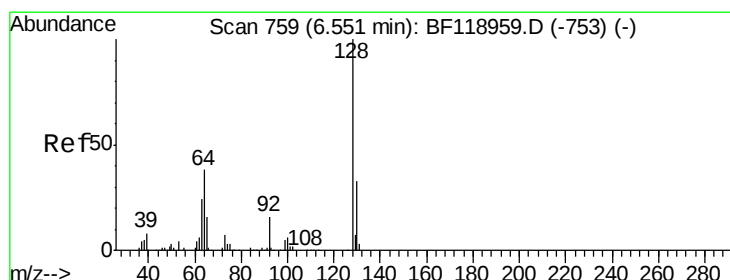
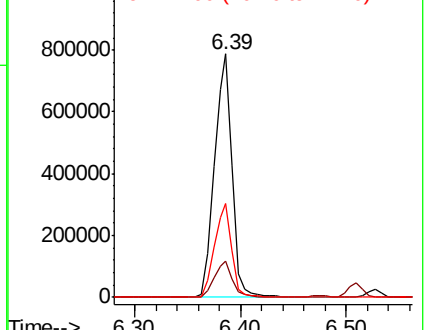
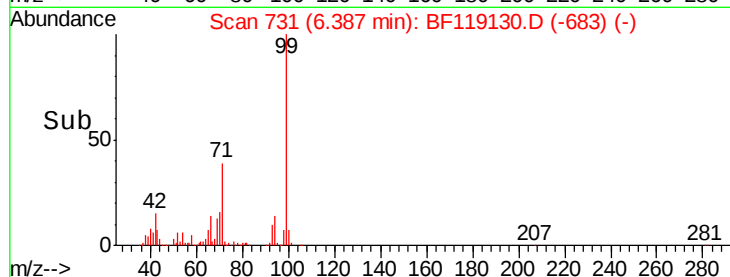


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.815 ng

RT: 6.53 min Scan# 755

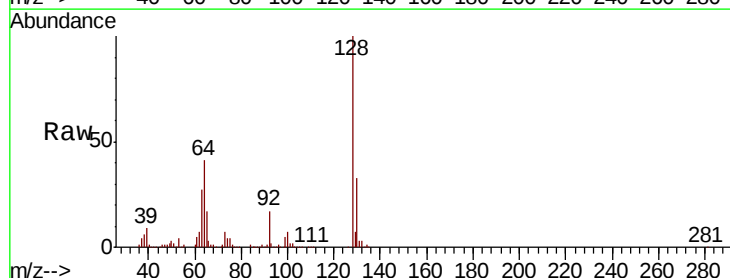
Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Tgt Ion: 128 Resp: 410696

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	40.9	22.3	62.3

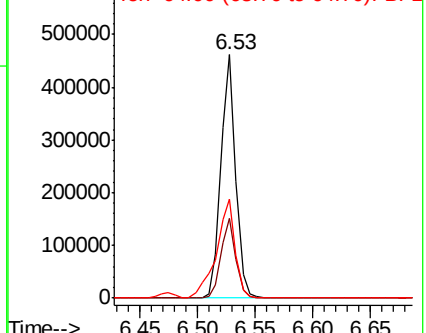
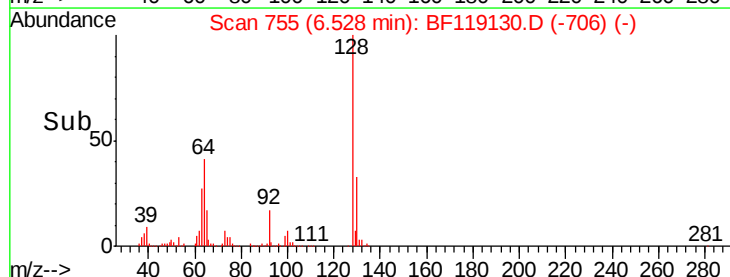


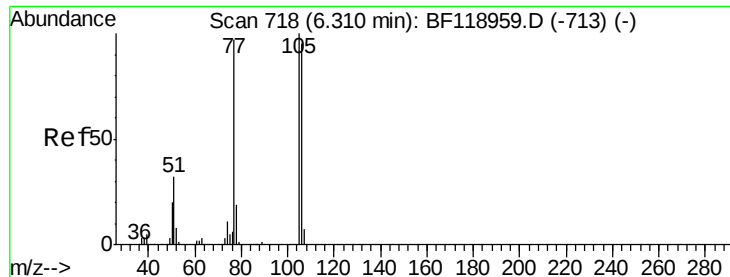
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.898 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

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ClientSampled :

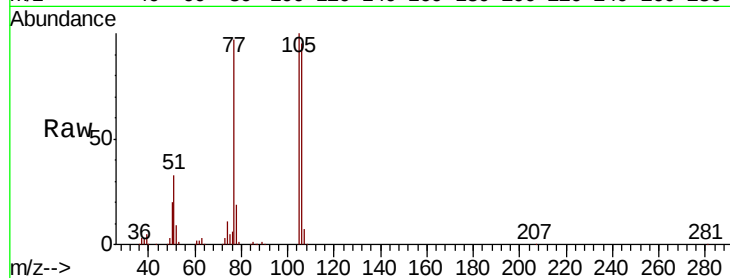
Tot Ion: 77 Resp: 278017

Ion Ratio Lower Upper

77 100

105 102.8 80.1 120.1

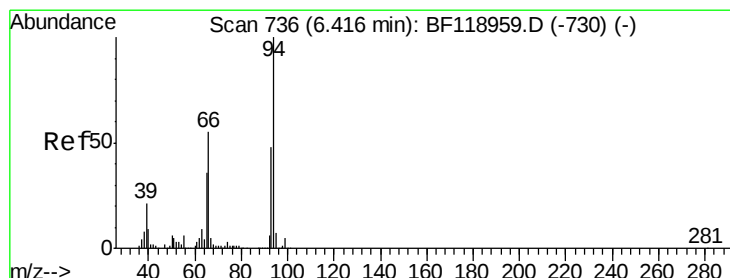
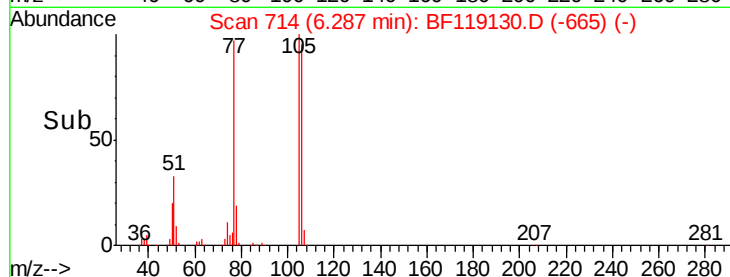
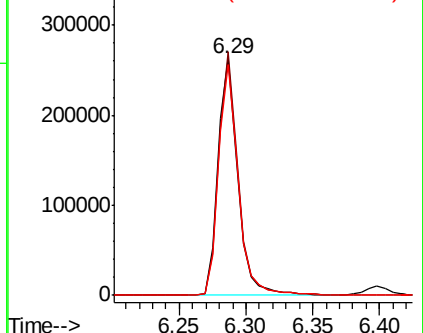
106 97.2 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.968 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

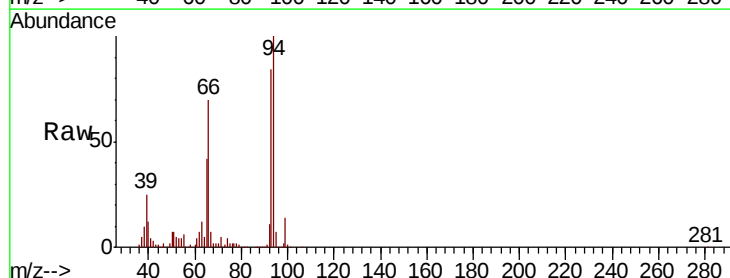
Tgt Ion: 94 Resp: 489480

Ion Ratio Lower Upper

94 100

65 42.1 19.2 59.2

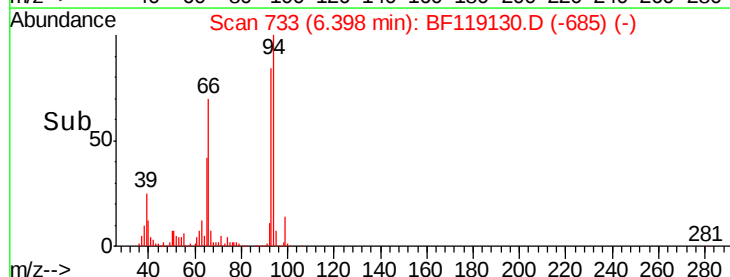
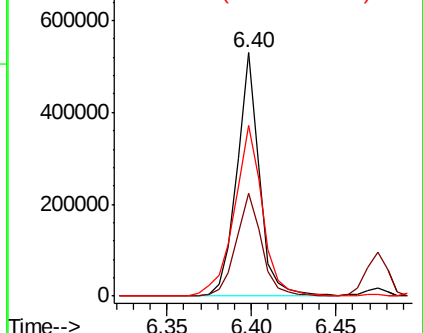
66 70.1 44.4 84.4

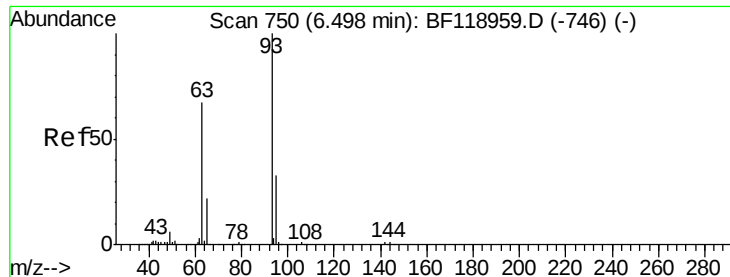


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

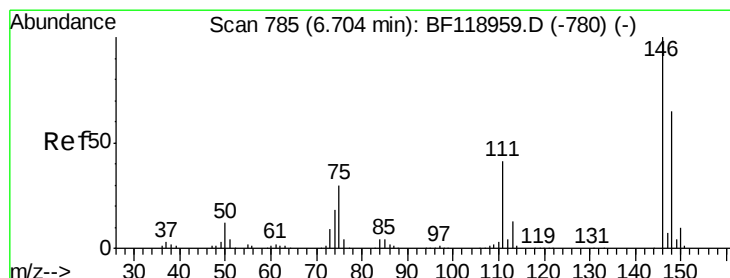
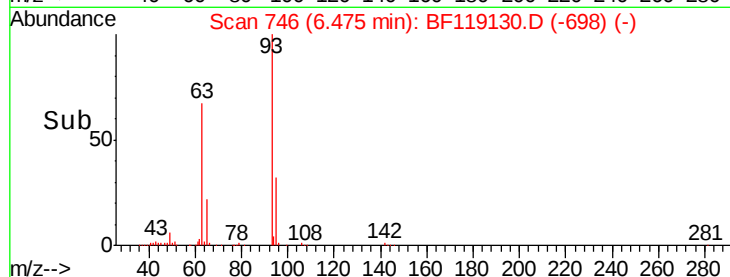
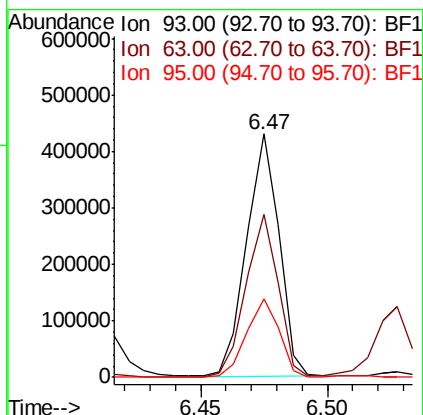
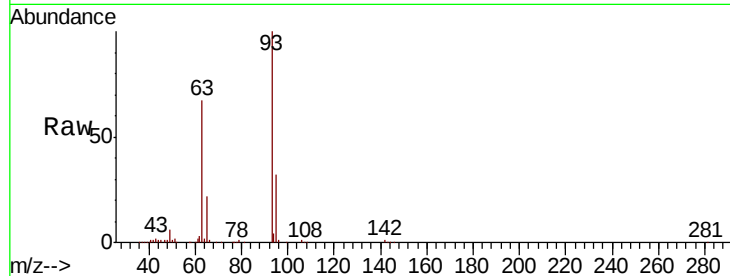




#11
 bis(2-Chloroethyl)ether
 Concen: 39.028 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

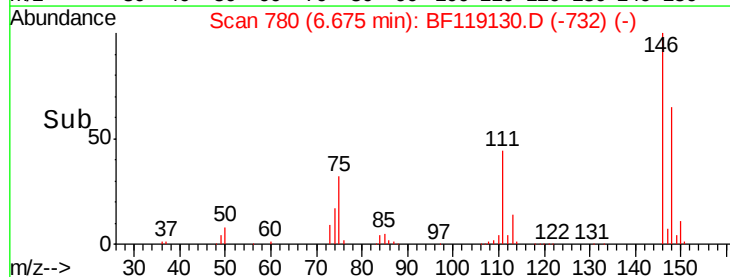
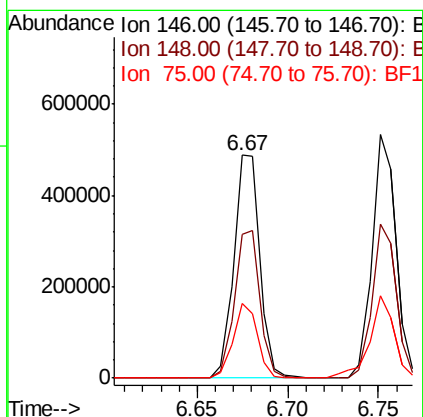
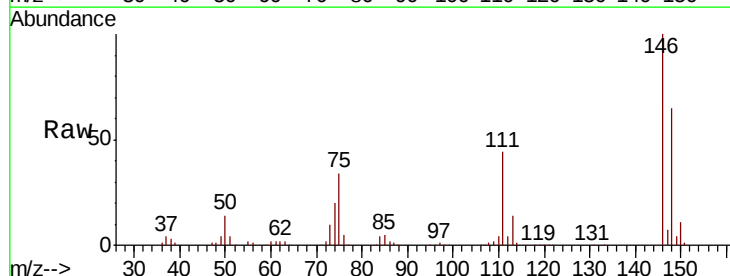
Instrument :
 BNA_F
 ClientSampled :

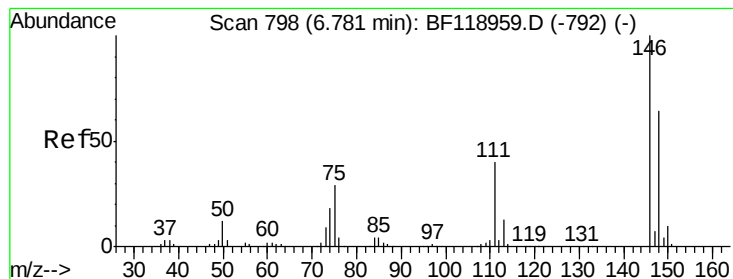
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.7	45.4	85.4
95	32.3	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 38.269 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.5	78.7
75	33.7	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 38.785 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

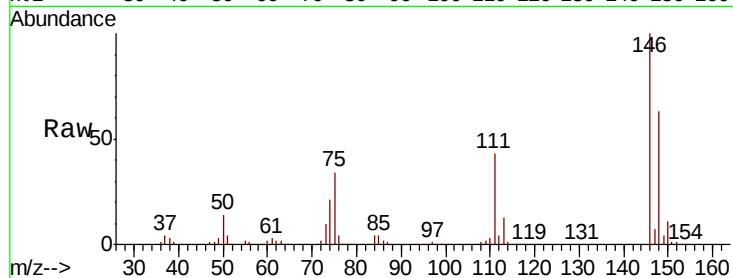
Tot Ion:146 Resp: 492197

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

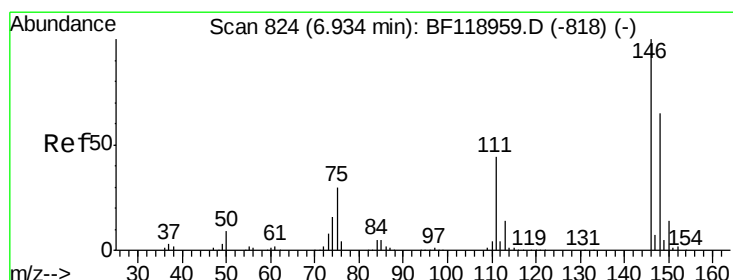
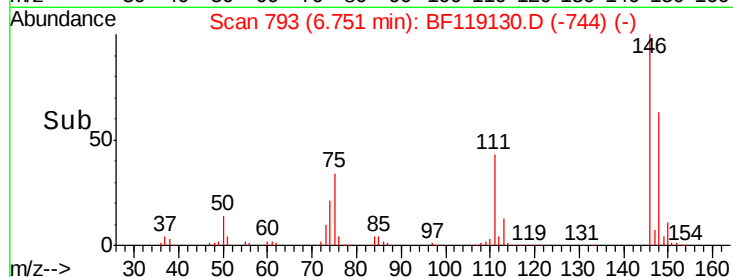
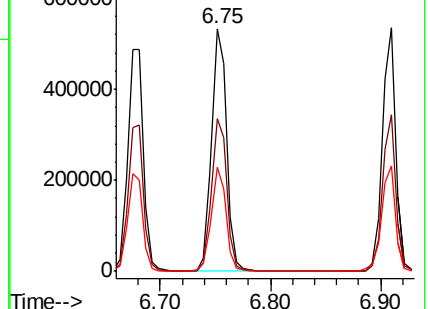
111 42.7 34.8 52.2



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: 39.229 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

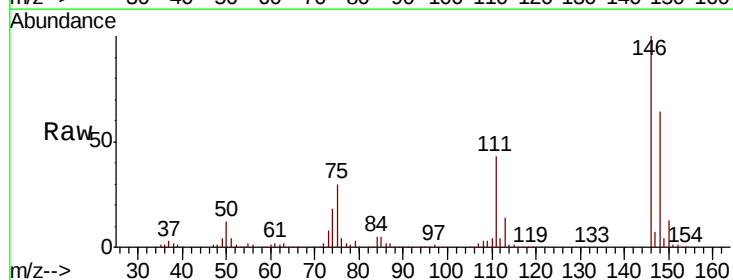
Tgt Ion:146 Resp: 454025

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

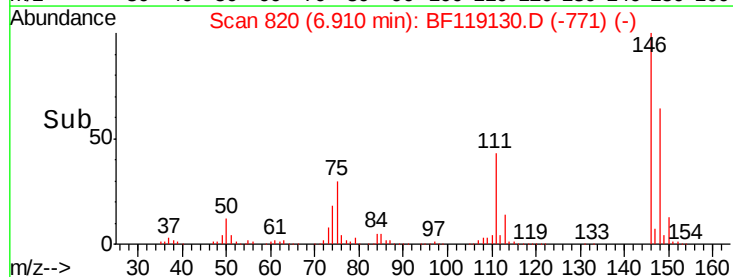
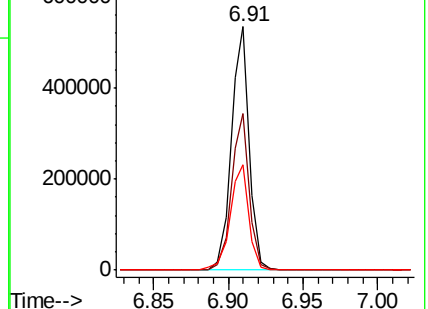
111 43.3 36.2 54.2



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: 40.924 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

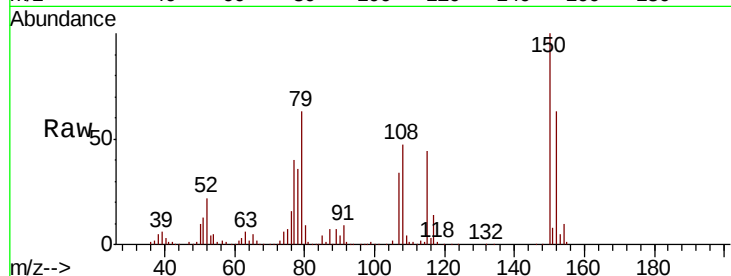
Tot Ion: 79 Resp: 352679

Ion Ratio Lower Upper

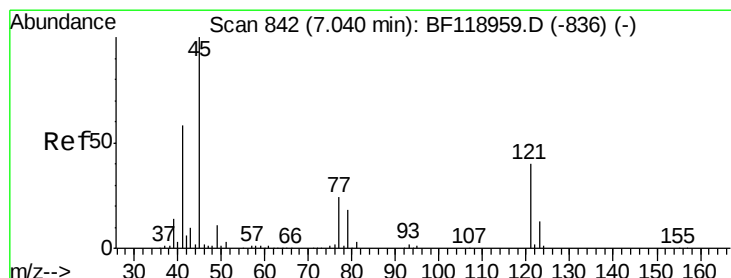
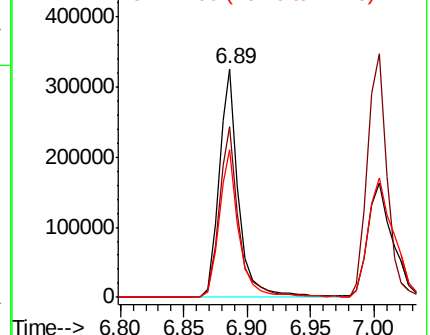
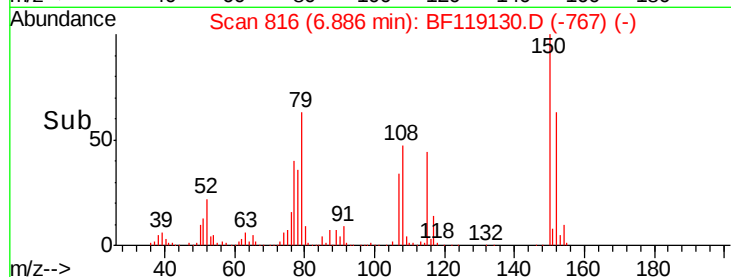
79 100

108 74.8 58.2 87.2

77 64.5 51.2 76.8



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: 38.545 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

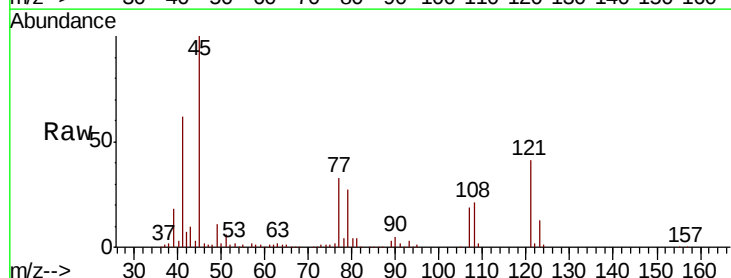
Tgt Ion: 45 Resp: 329355

Ion Ratio Lower Upper

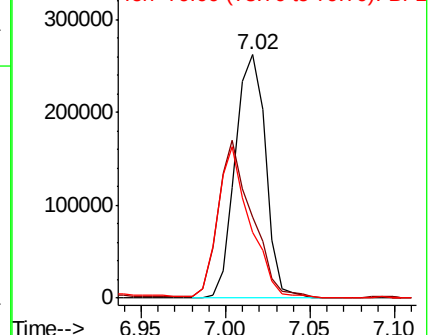
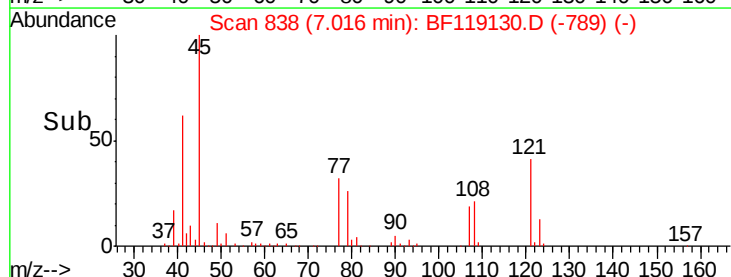
45 100

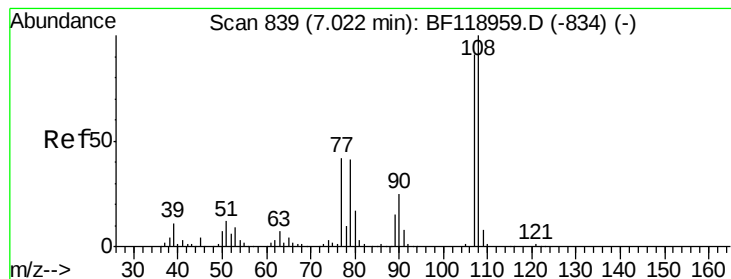
77 33.3 15.0 55.0

79 27.1 9.4 49.4



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: 38.883 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 333555

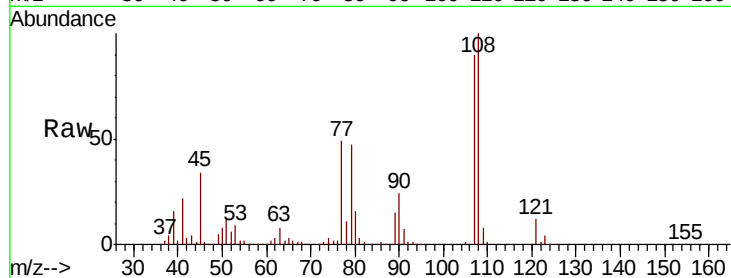
Ion Ratio Lower Upper

107 100

108 110.5 87.9 131.9

77 54.2 45.3 67.9

79 51.8 43.0 64.4

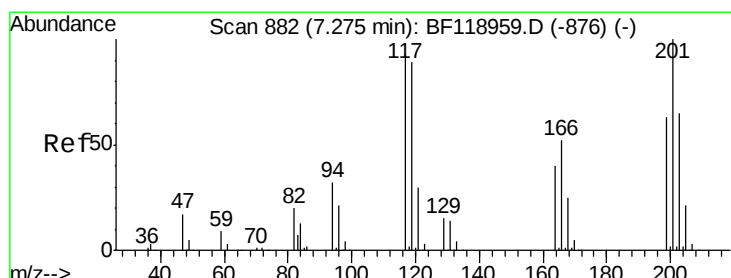
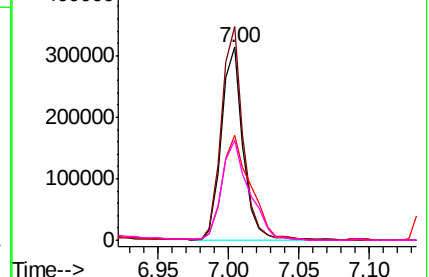
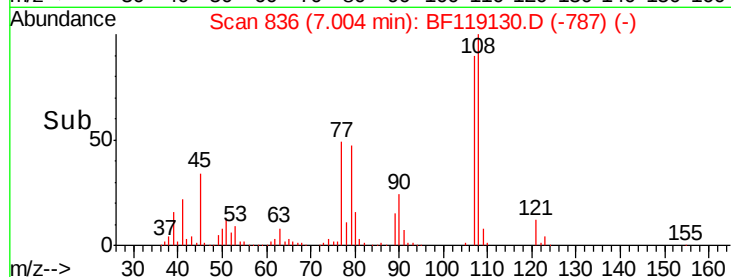


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.765 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

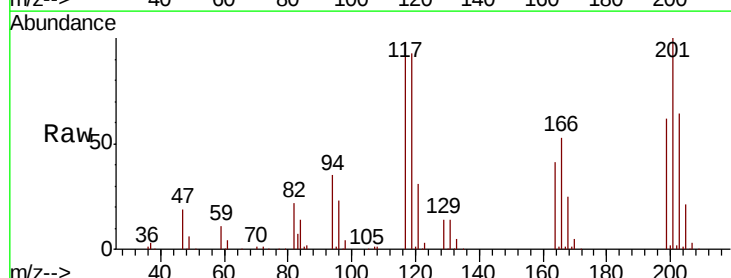
Tgt Ion:117 Resp: 180539

Ion Ratio Lower Upper

117 100

119 94.3 77.5 116.3

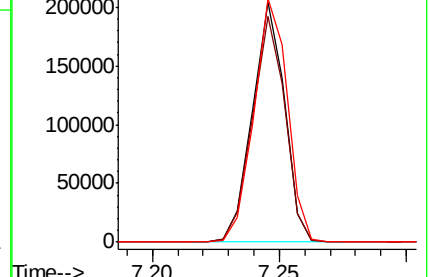
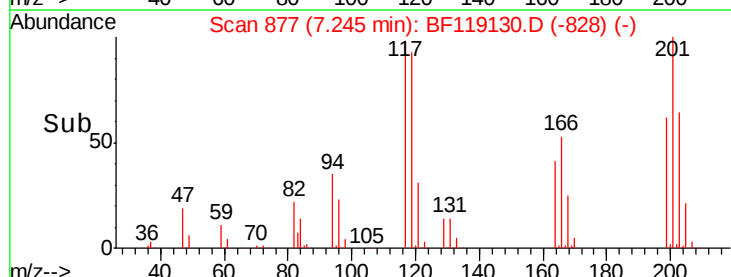
201 101.7 82.6 123.8

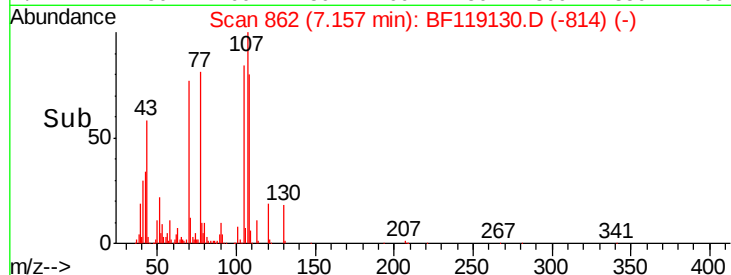
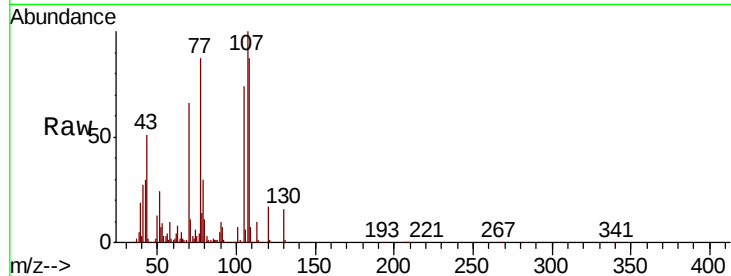
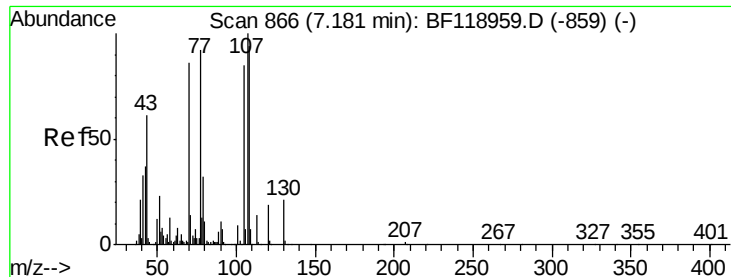


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

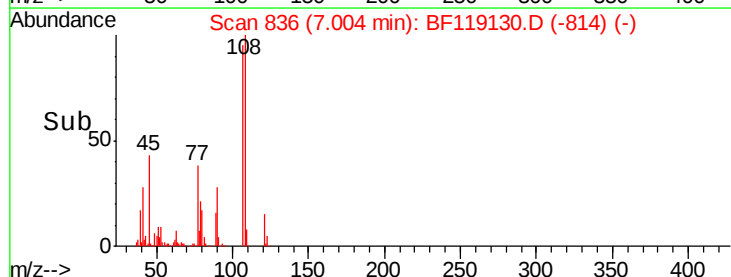
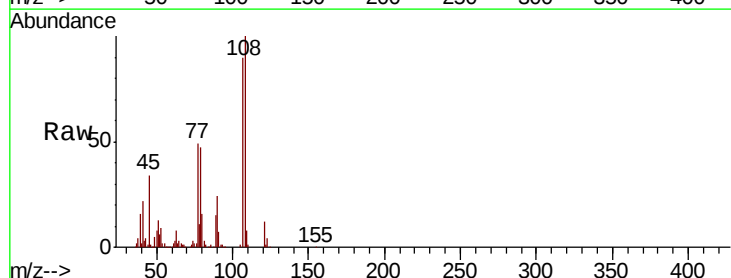
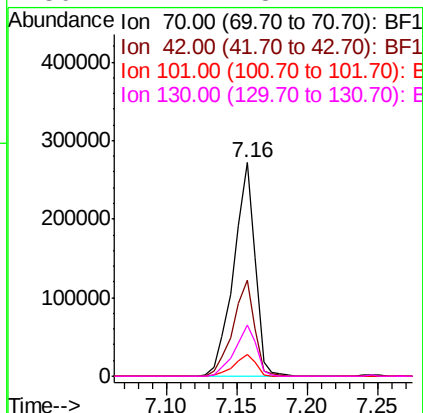




#19
n-Nitroso-di-n-propylamine
Concen: 41.290 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

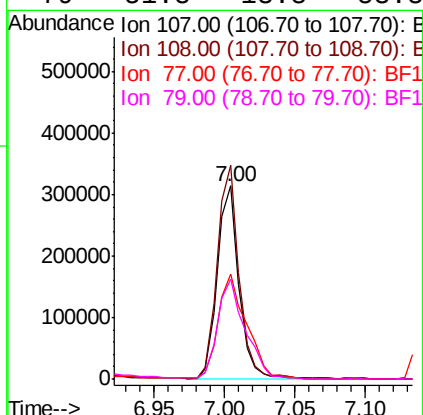
Instrument :
BNA_F
ClientSampleId :

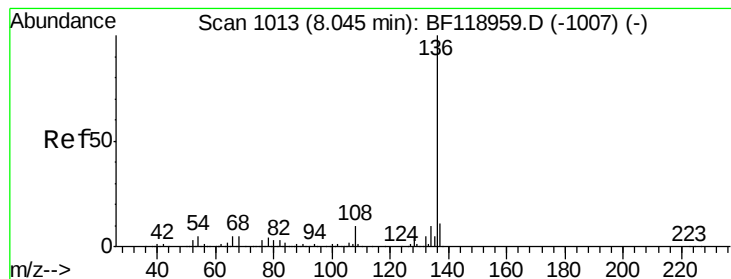
Tot Ion	70	Resp	286885
Ion	Ratio	Lower	Upper
70	100		
42	44.8	38.0	57.0
101	10.4	8.2	12.4
130	24.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 31.630 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.17 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion	107	Resp	332427
Ion	Ratio	Lower	Upper
107	100		
108	110.5	71.5	111.5
77	54.2	45.9	85.9
79	51.8	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 616848

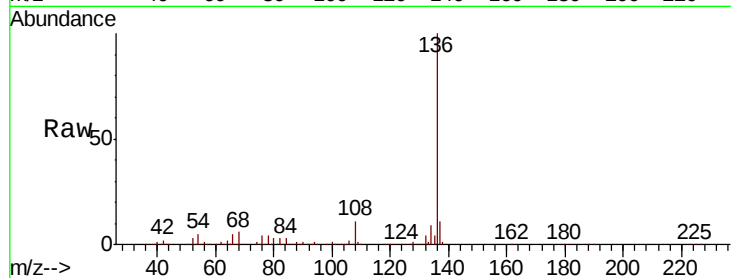
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.4 3.8 5.6

68 5.6 3.9 5.9

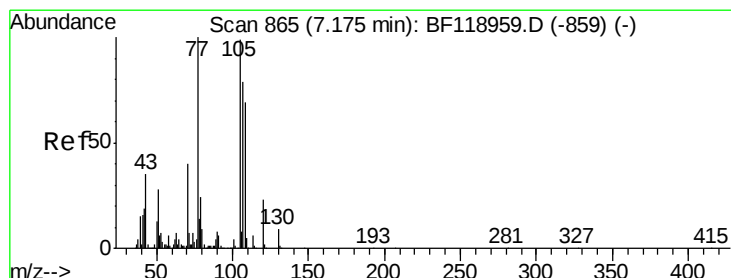
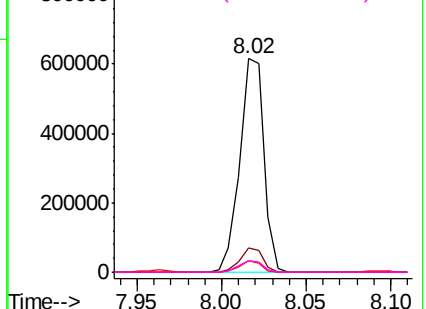
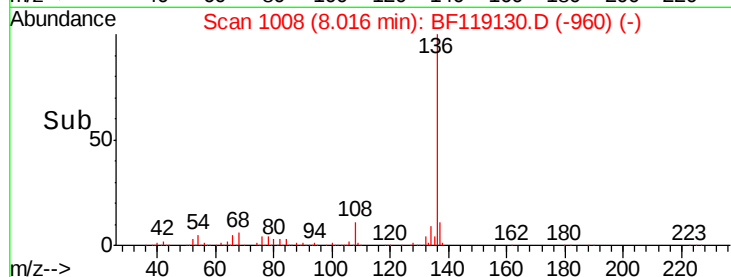


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.913 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Tgt Ion:105 Resp: 555376

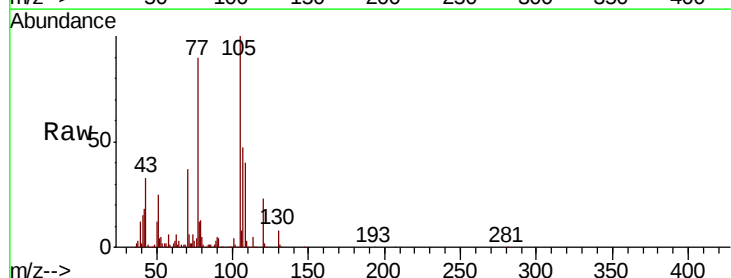
Ion Ratio Lower Upper

105 100

71 6.0 3.0 4.4#

51 24.9 20.1 30.1

120 22.9 18.0 27.0

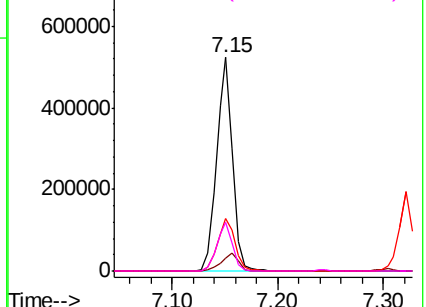
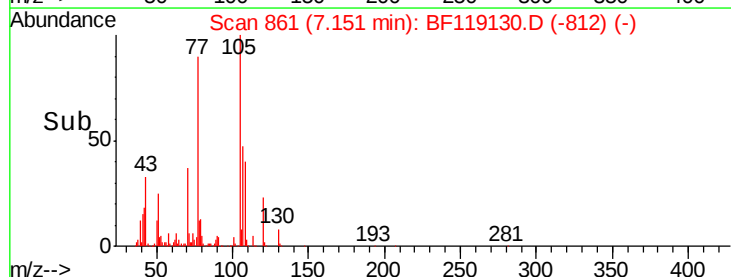


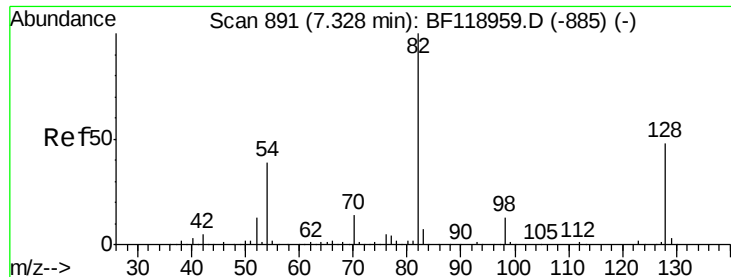
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

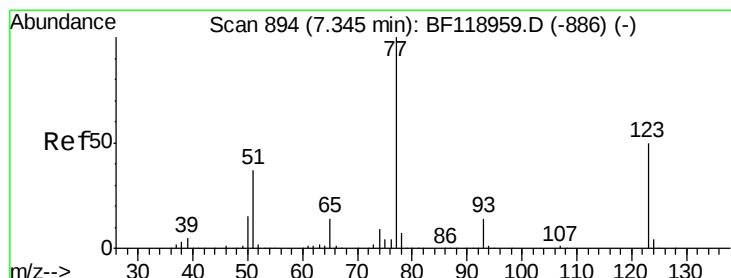
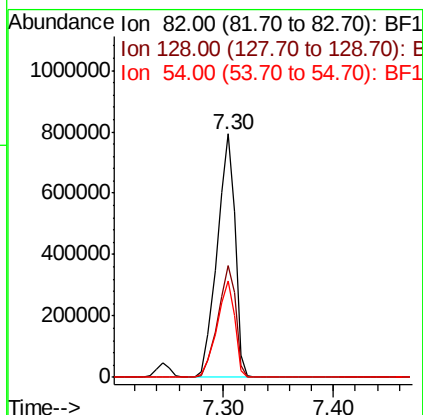
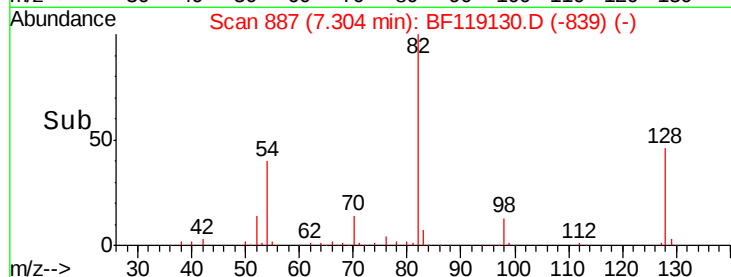
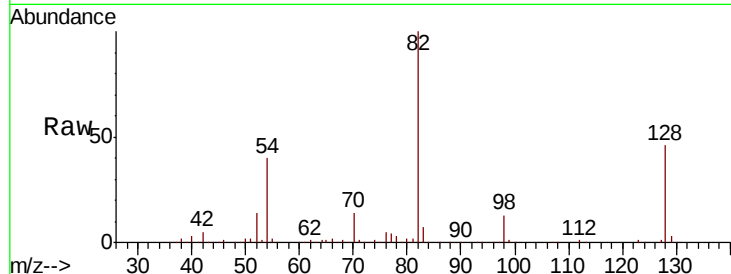




#23
 Nitrobenzene-d5
 Concen: 76.509 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

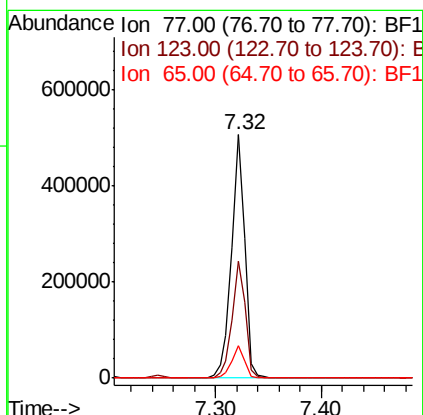
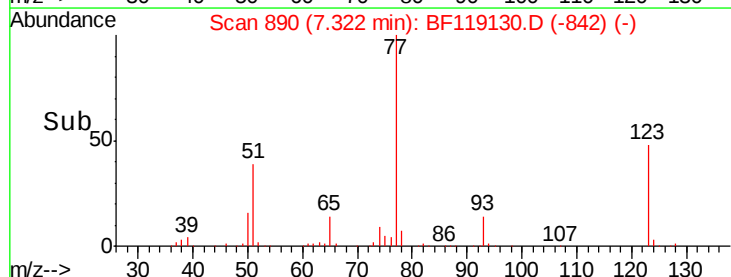
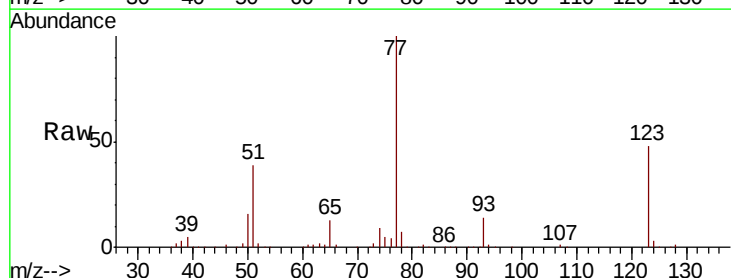
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 893829
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.9 56.9
 54 39.7 33.4 50.2



#24
 Nitrobenzene
 Concen: 37.777 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion: 77 Resp: 436435
 Ion Ratio Lower Upper
 77 100
 123 47.9 40.2 60.2
 65 13.5 10.8 16.2

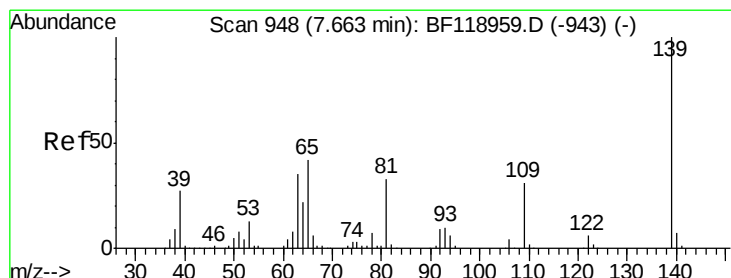
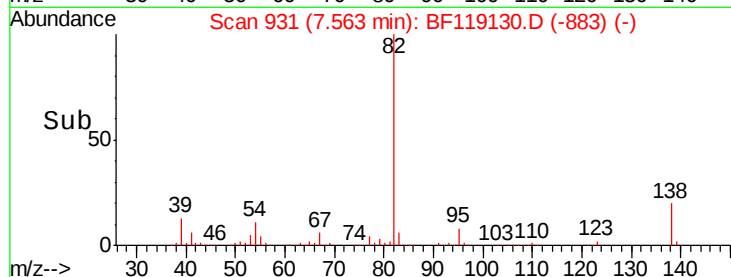
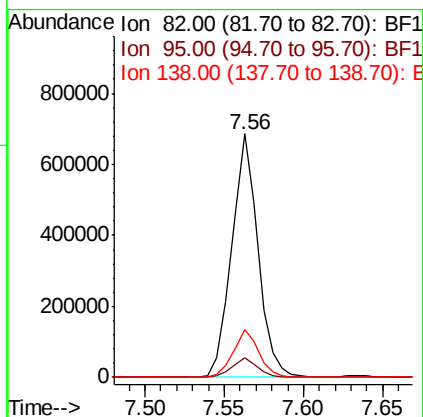
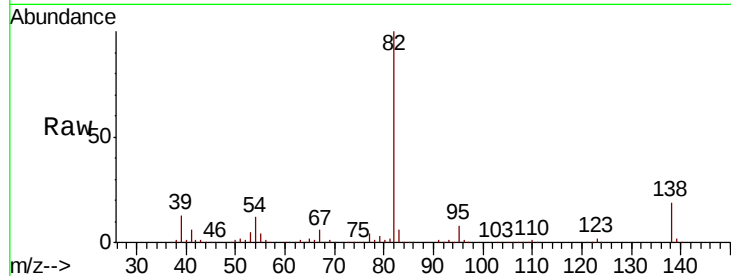




#25
Isophorone
Concen: 38.899 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

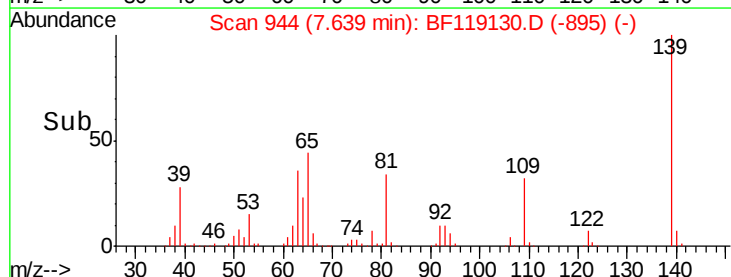
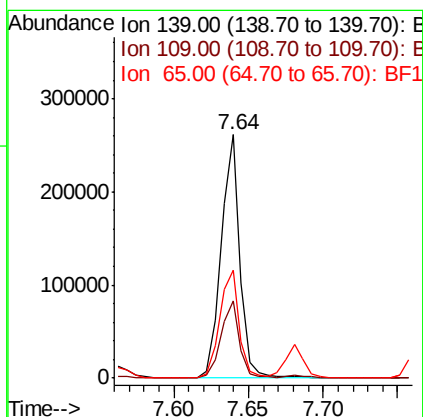
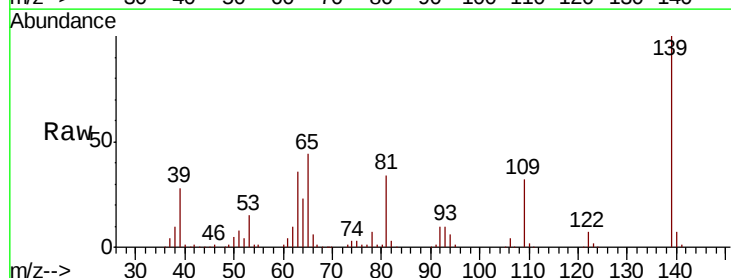
Instrument :
BNA_F
ClientSampleId :

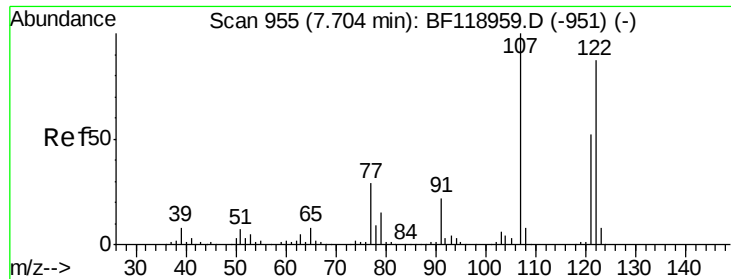
Tot Ion: 82 Resp: 789241
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 19.4 15.7 23.5



#26
2-Nitrophenol
Concen: 37.884 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion: 139 Resp: 231904
Ion Ratio Lower Upper
139 100
109 31.5 25.7 38.5
65 44.2 37.1 55.7

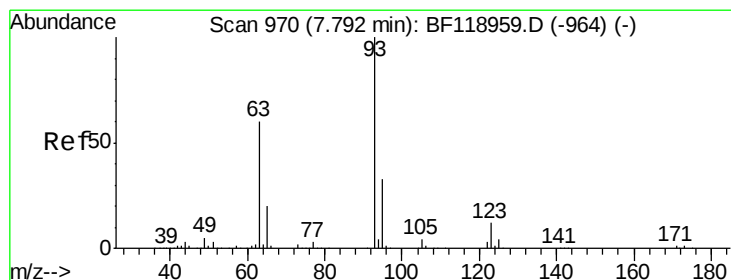
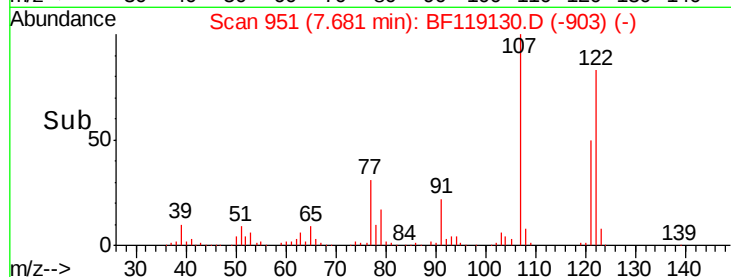
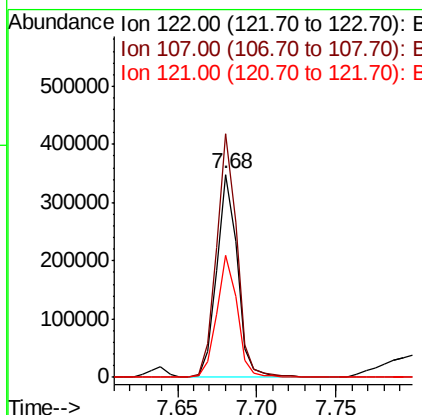
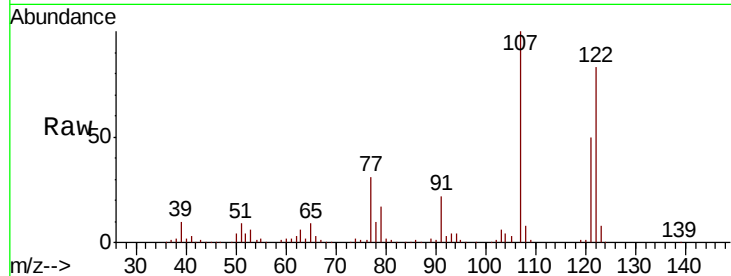




#27
2,4-Dimethylphenol
Concen: 37.760 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

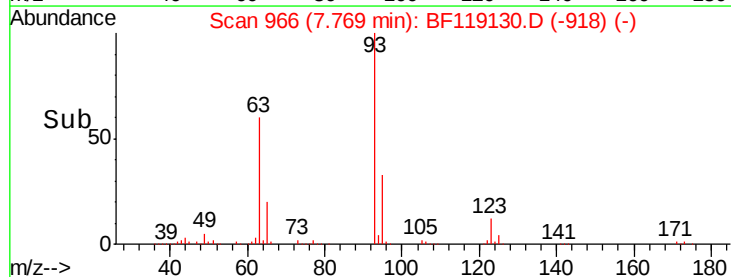
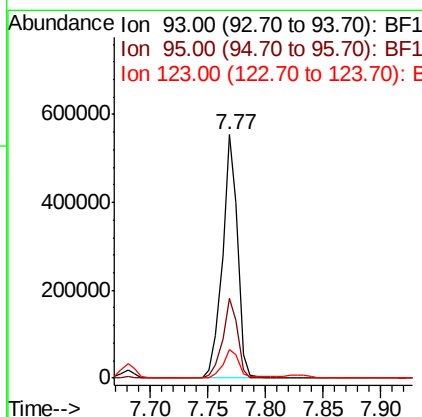
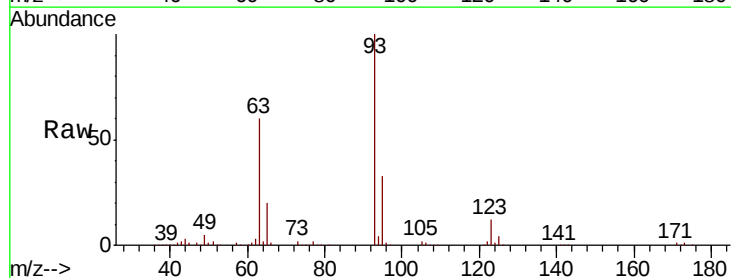
Instrument :
BNA_F
ClientSampled :

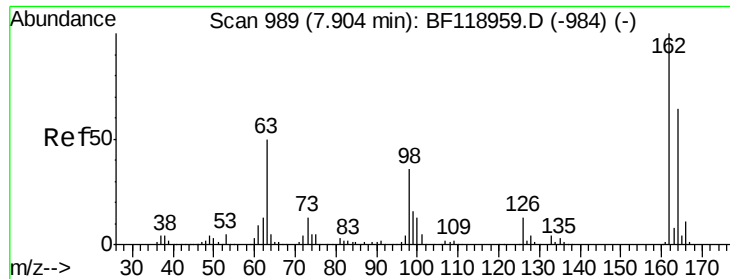
Tot Ion:122 Resp: 313698
Ion Ratio Lower Upper
122 100
107 120.1 93.8 140.6
121 60.1 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 37.985 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion: 93 Resp: 501647
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.8 10.2 15.2

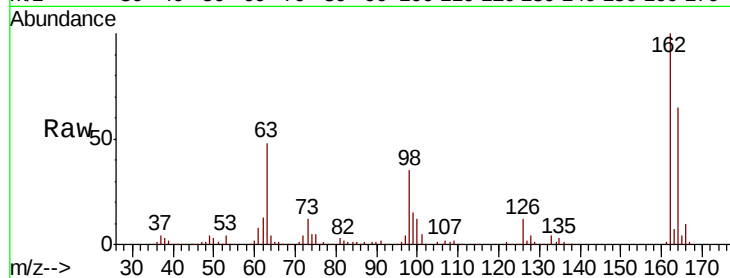




#29
 2,4-Dichlorophenol
 Concen: 38.403 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.2	85.2
98	35.4	17.4	57.4

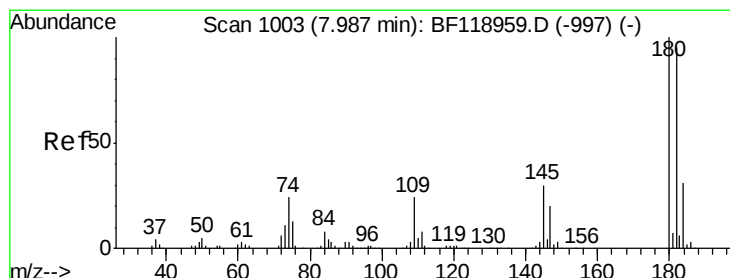
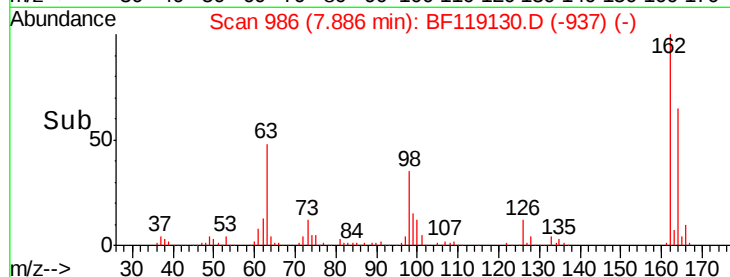
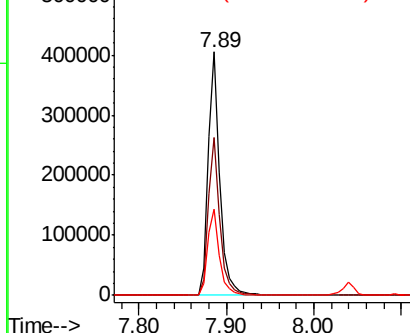


Abundance

Ion 162.00 (161.70 to 162.70): E

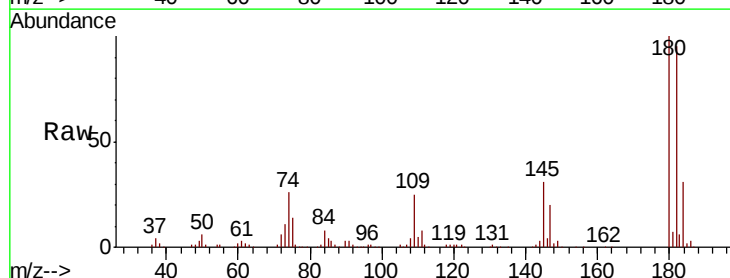
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.517 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.8	116.6
145	31.2	25.2	37.8

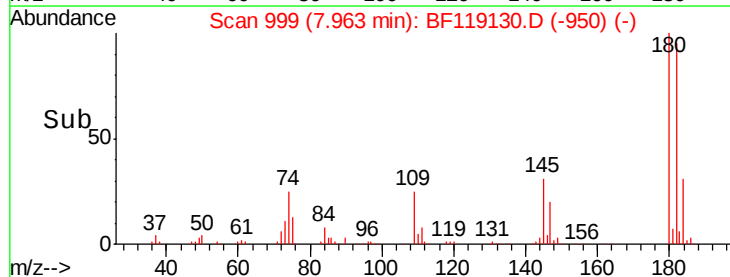
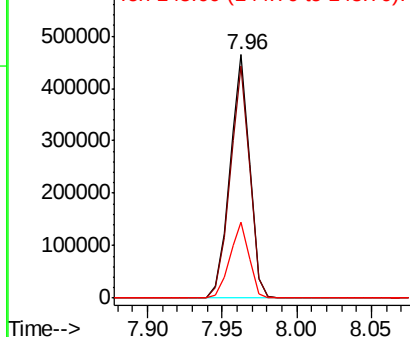


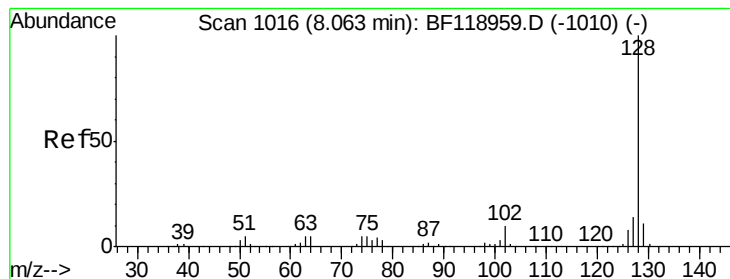
Abundance

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: 37.977 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

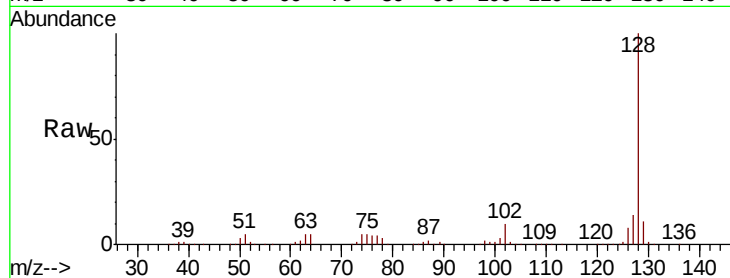
Tot Ion:128 Resp: 1214903

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

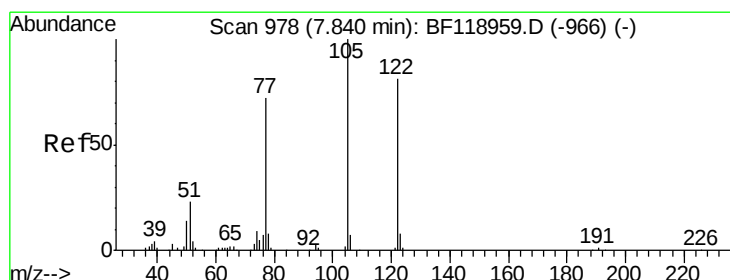
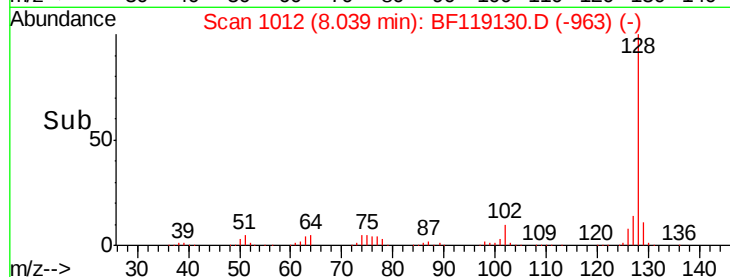
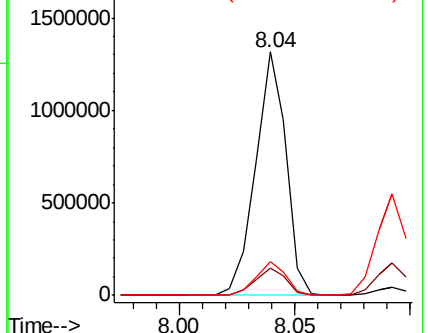
127 13.6 11.4 17.2



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: 39.210 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.03 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

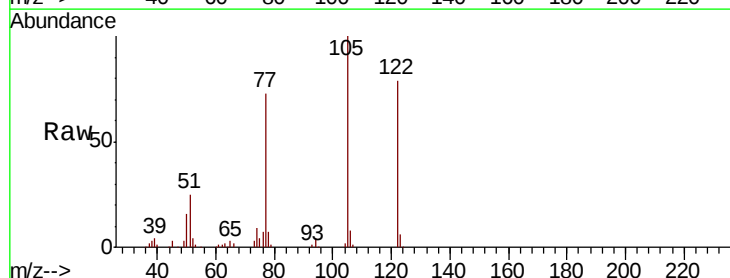
Tgt Ion:122 Resp: 229073

Ion Ratio Lower Upper

122 100

105 126.0 106.3 146.3

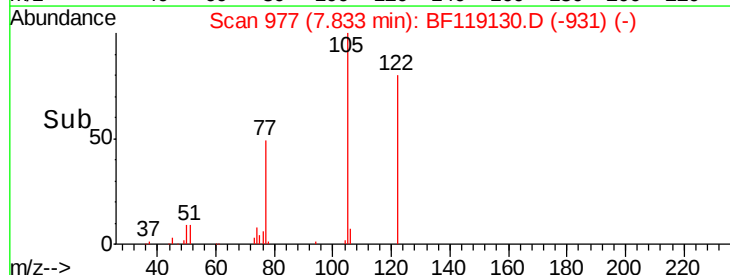
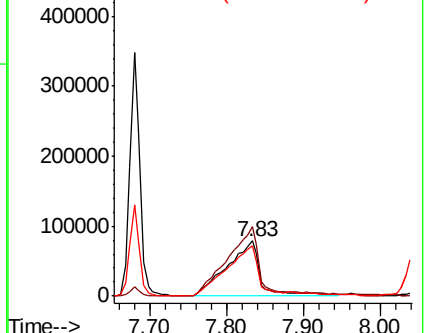
77 91.8 73.1 113.1

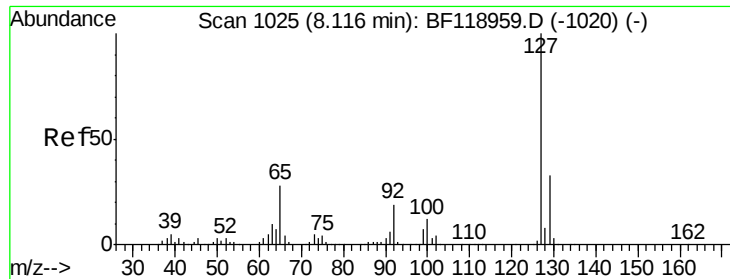


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

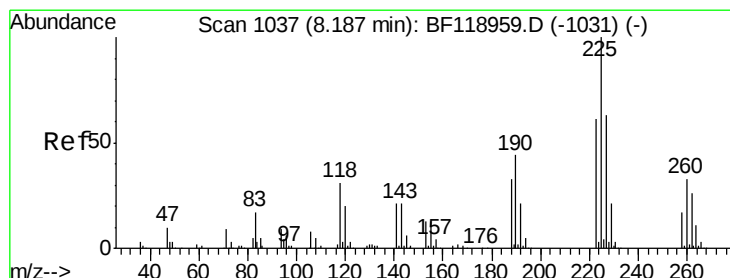
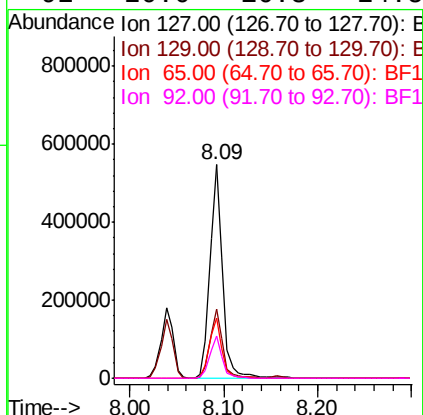
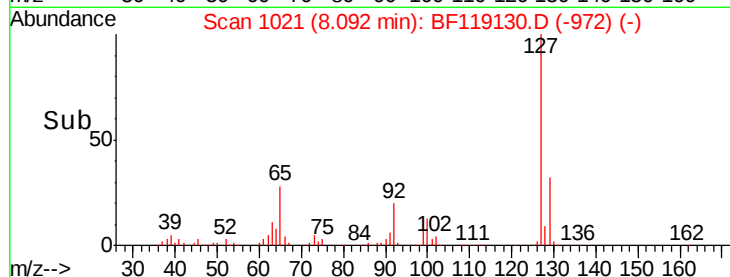
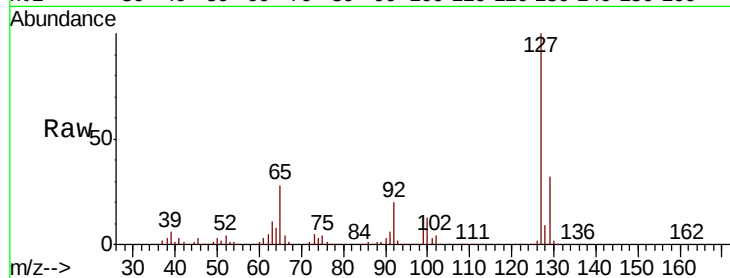




#33
4-Chloroaniline
Concen: 37.801 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

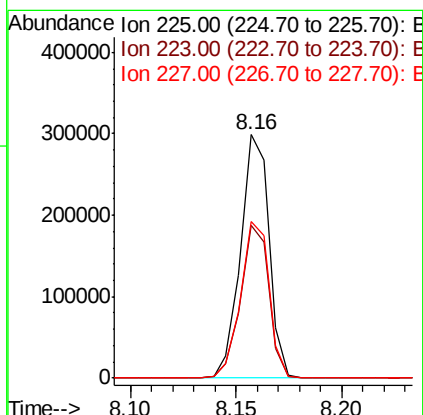
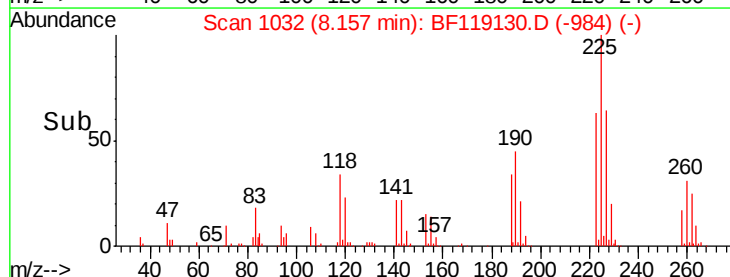
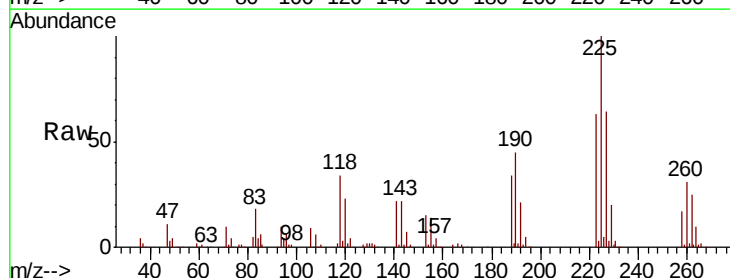
Instrument :
BNA_F
ClientSampleId :

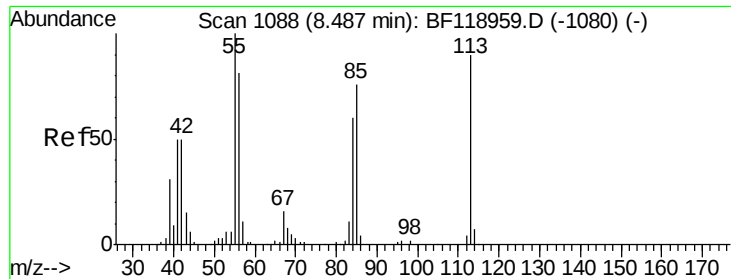
Tot Ion:	127	Resp:	520117
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.4	23.9	35.9
92	20.0	16.3	24.5



#34
Hexachlorobutadiene
Concen: 38.524 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:	225	Resp:	278263
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	64.3	52.9	79.3

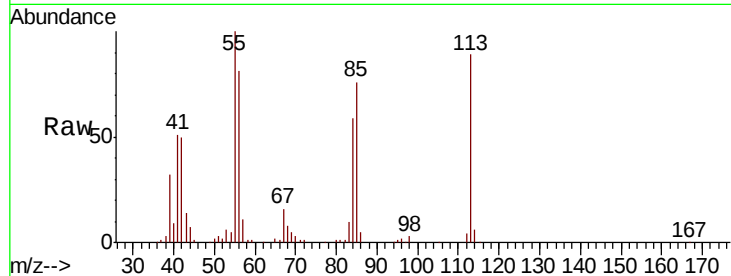




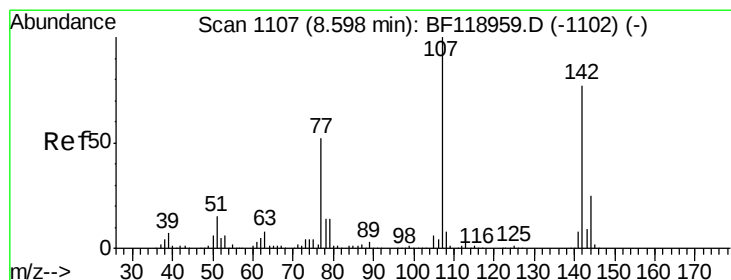
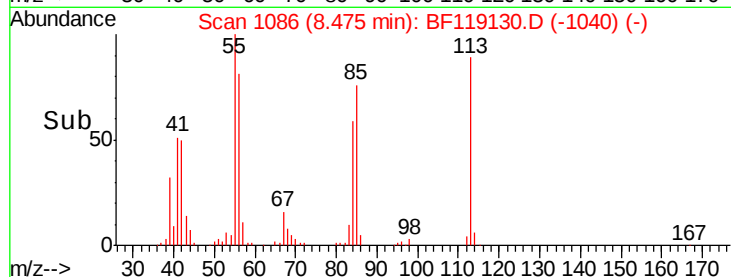
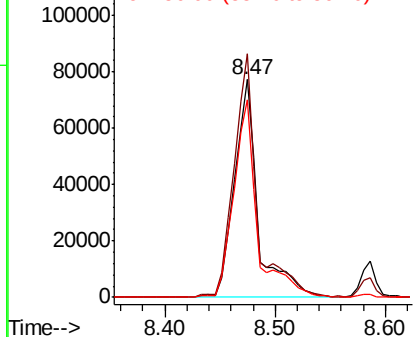
#35
 Caprolactam
 Concen: 38.723 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 116614
 Ion Ratio Lower Upper
 113 100
 55 112.0 95.7 135.7
 56 91.1 73.1 113.1

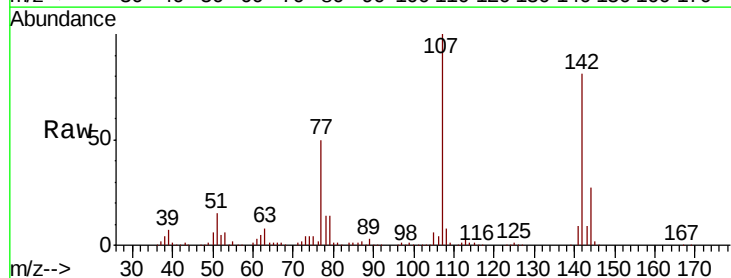


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

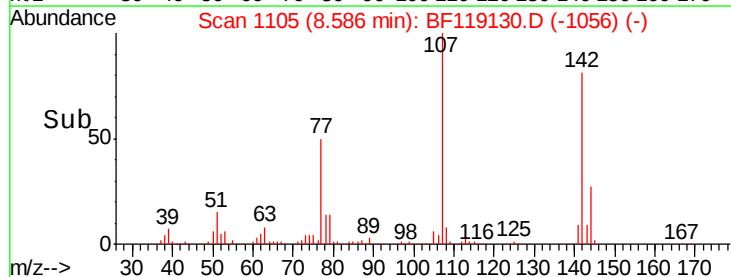
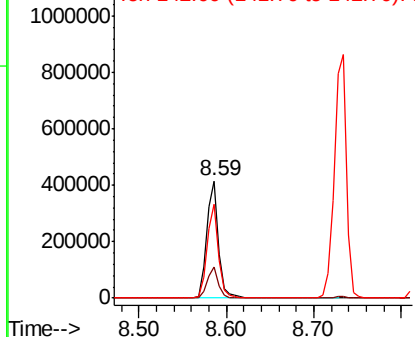


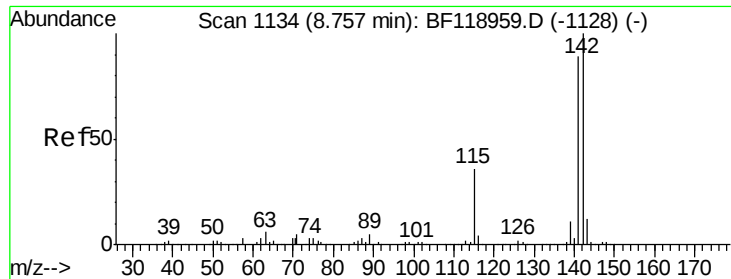
#36
 4-Chloro-3-methylphenol
 Concen: 38.915 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion:107 Resp: 385187
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.1 30.1
 142 80.7 61.4 92.2



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

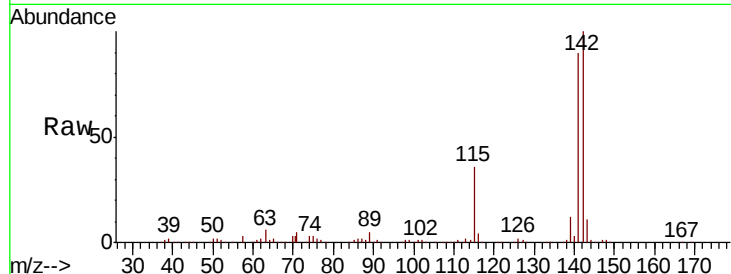




#37
 2-Methylnaphthalene
 Concen: 38.668 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	35.8	30.6	45.8

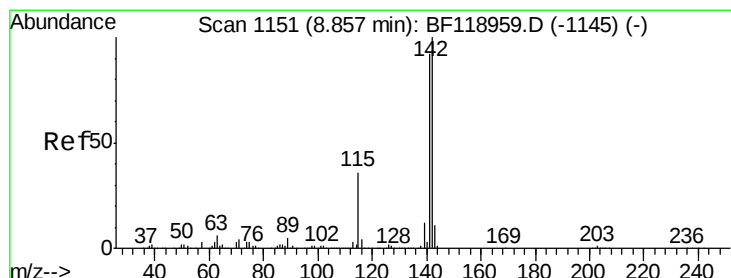
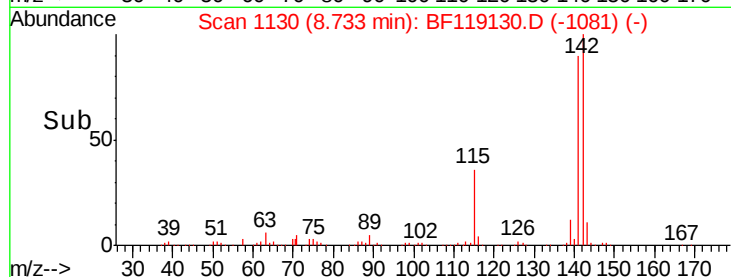
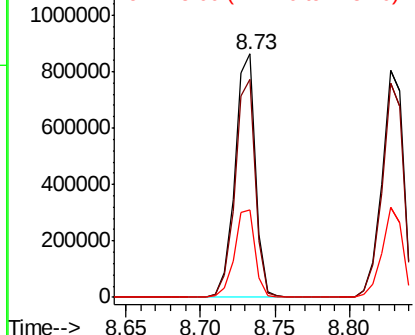


Abundance

Ion 142.00 (141.70 to 142.70): E

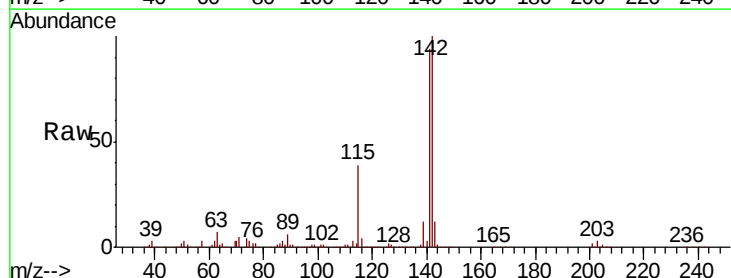
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.769 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.8	113.6
116	4.2	3.1	4.7

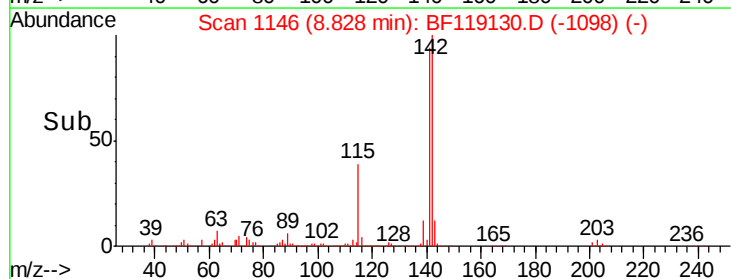
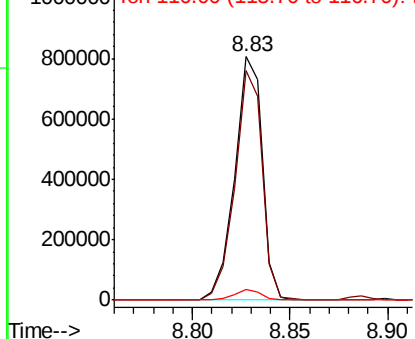


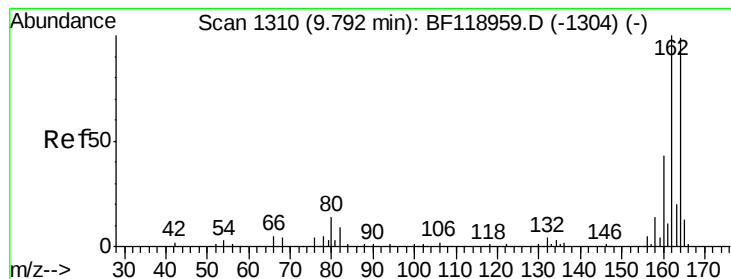
Abundance

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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampled :

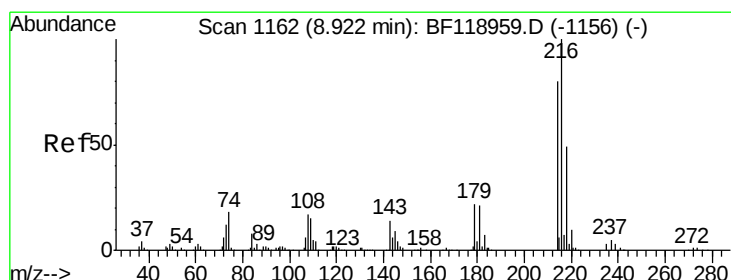
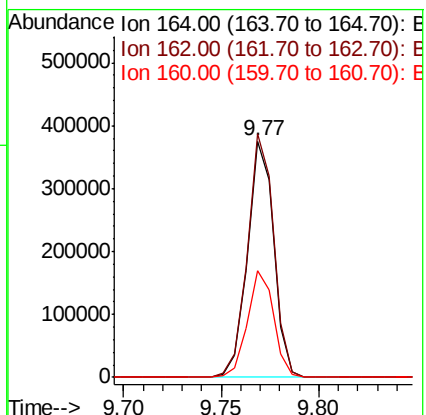
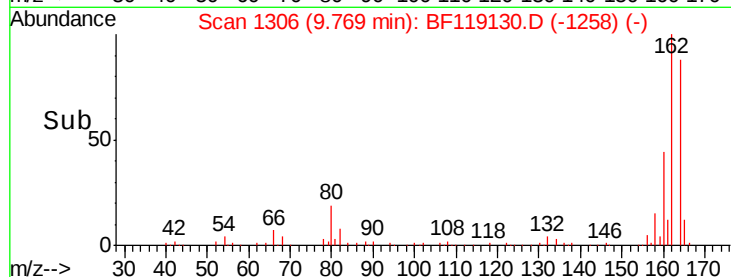
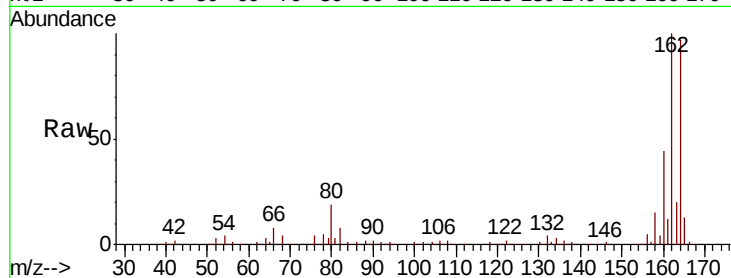
Tot Ion:164 Resp: 349317

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.8

160 45.0 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.318 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Tgt Ion:216 Resp: 439514

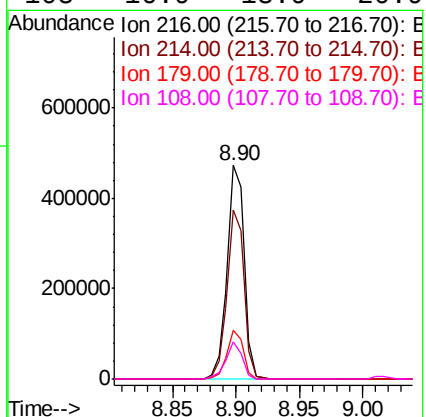
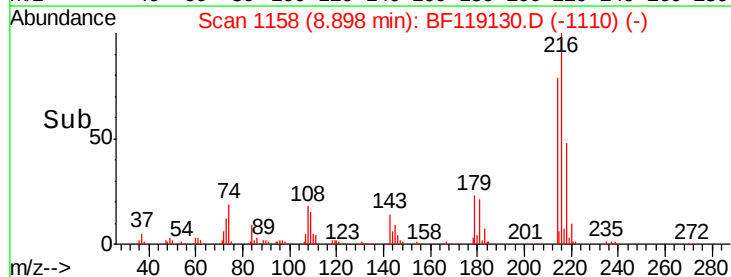
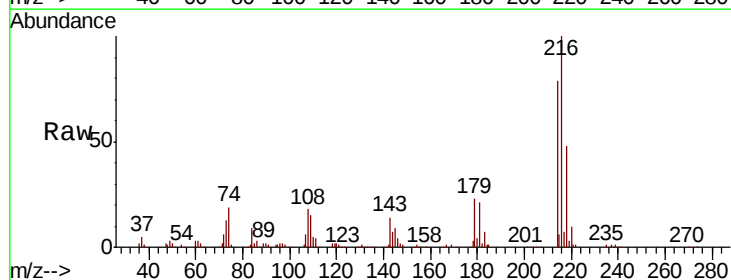
Ion Ratio Lower Upper

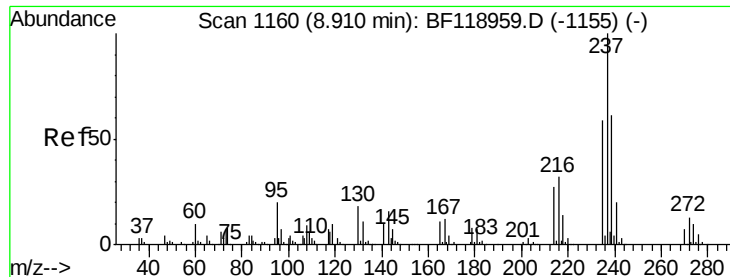
216 100

214 78.7 63.3 94.9

179 21.8 17.7 26.5

108 16.9 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 27.405 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

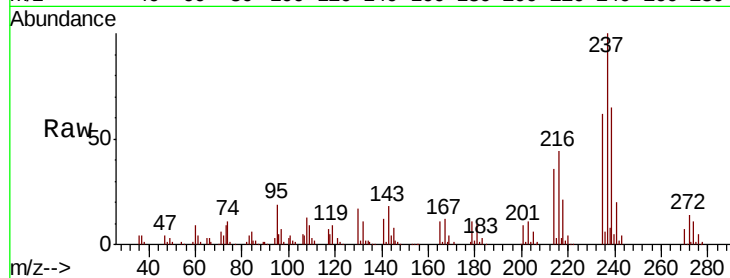
Tot Ion:237 Resp: 87487

Ion Ratio Lower Upper

237 100

235 61.8 42.3 82.3

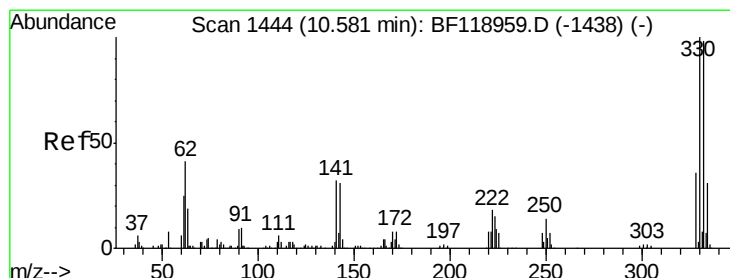
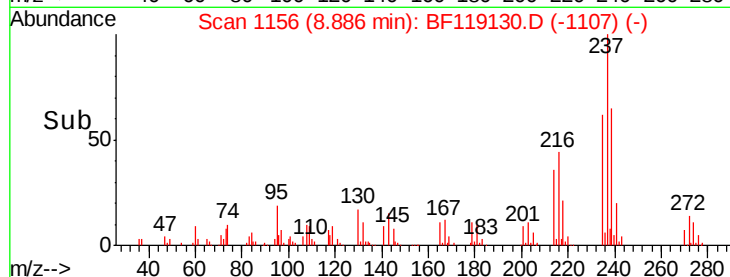
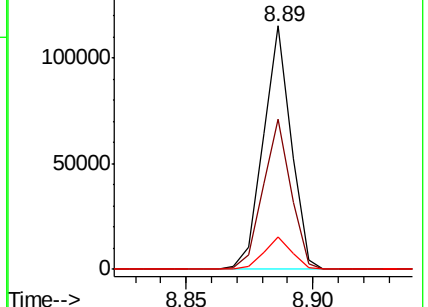
272 13.6 0.0 33.5



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: 76.906 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

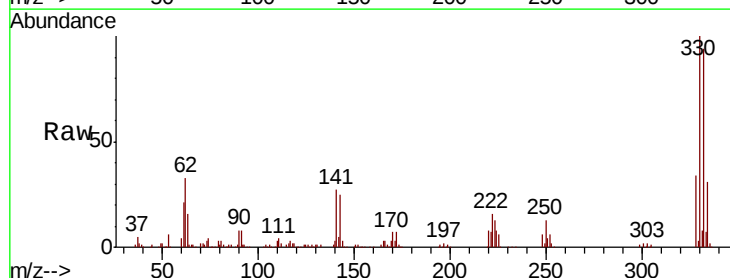
Tgt Ion:330 Resp: 351433

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

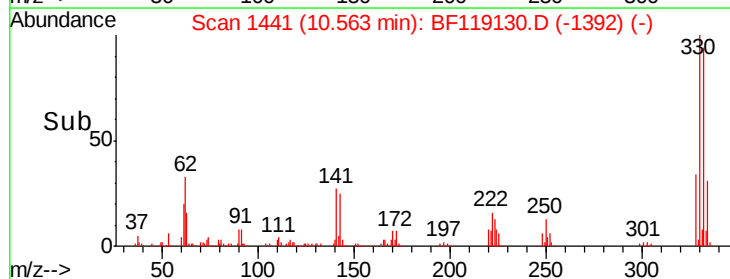
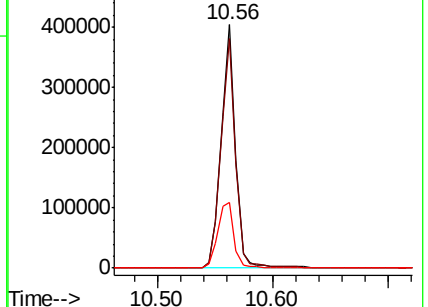
141 30.6 22.9 34.3

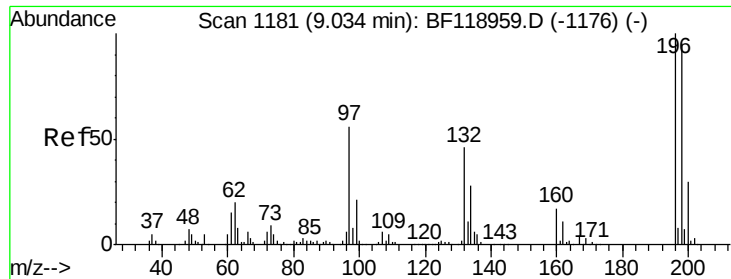


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

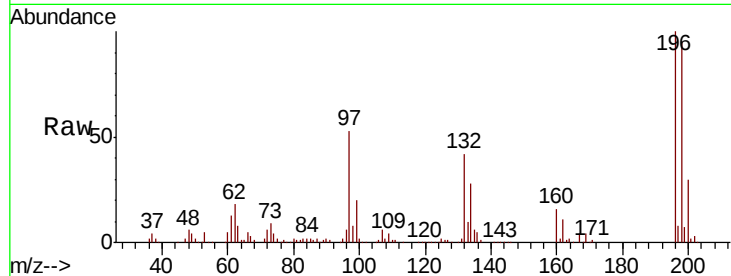




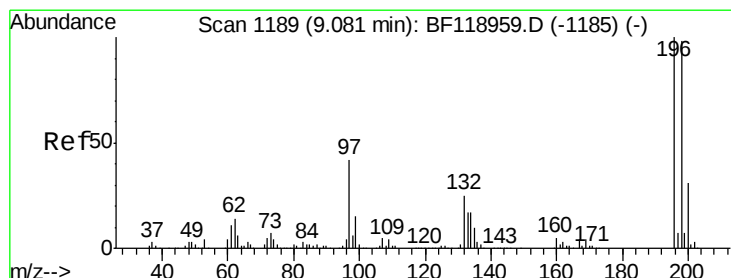
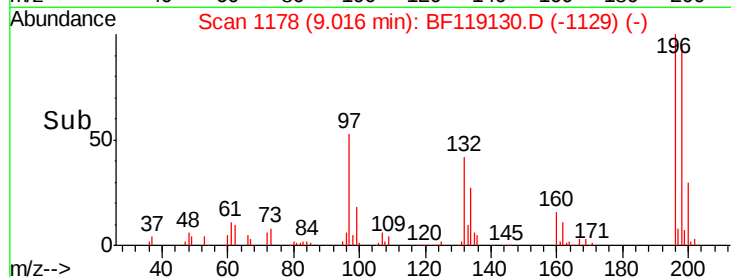
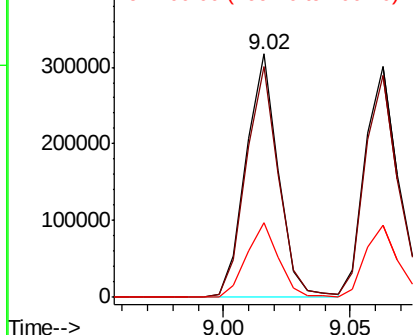
#43
 2,4,6-Trichlorophenol
 Concen: 38.046 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 282963
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.1 115.7
 200 30.4 25.0 37.6

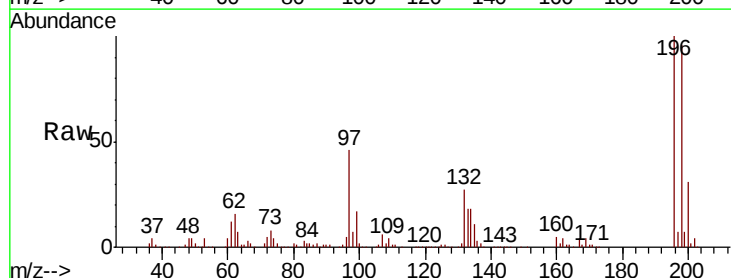


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

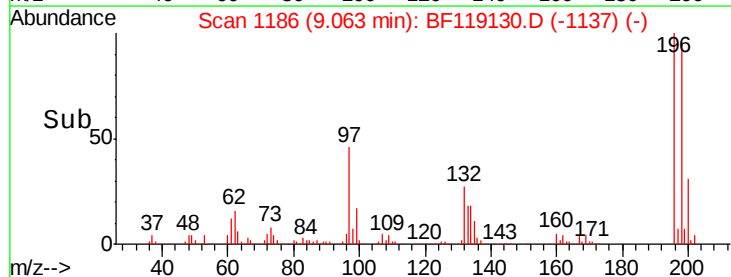
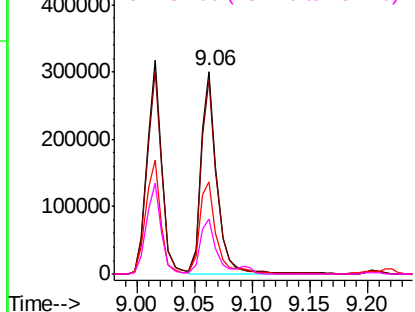


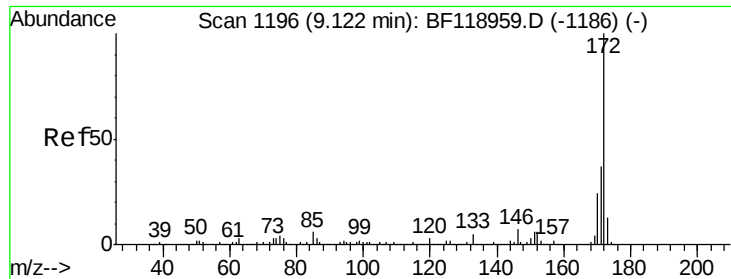
#44
 2,4,5-Trichlorophenol
 Concen: 37.071 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion:196 Resp: 289324
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.8 115.2
 97 45.7 38.5 57.7
 132 27.2 22.2 33.4



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

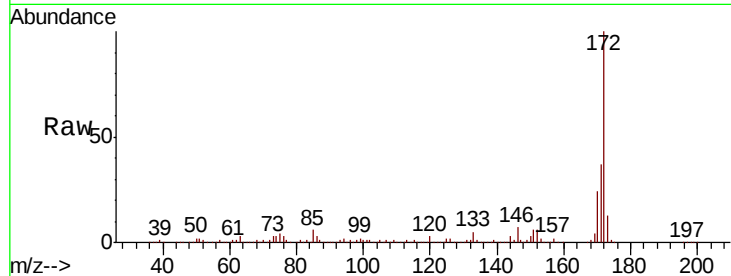




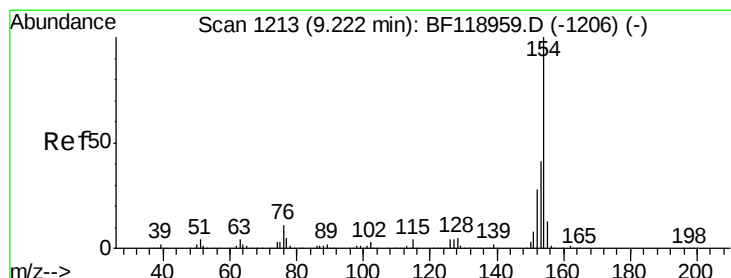
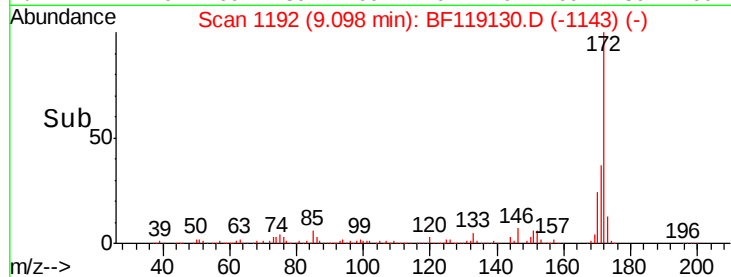
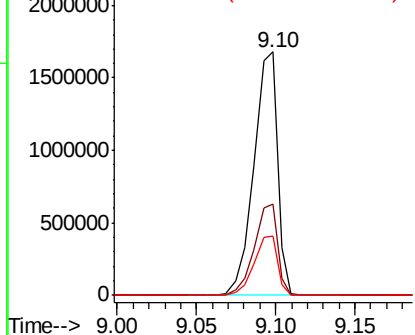
#45
2-Fluorobiphenyl
Concen: 74.046 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1755770
Ion Ratio Lower Upper
172 100
171 37.2 30.6 45.8
170 24.5 20.2 30.2

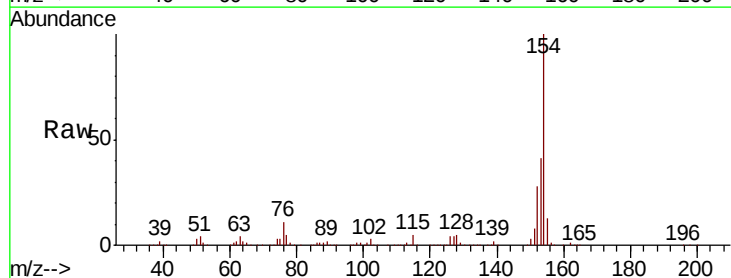


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

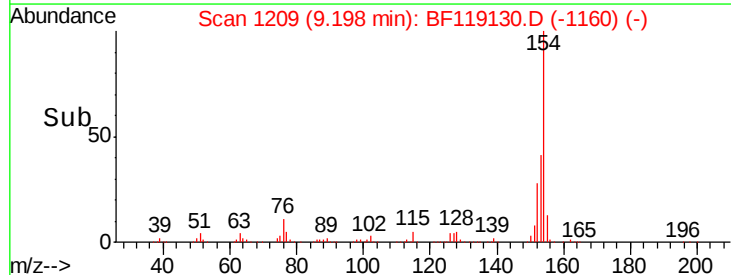
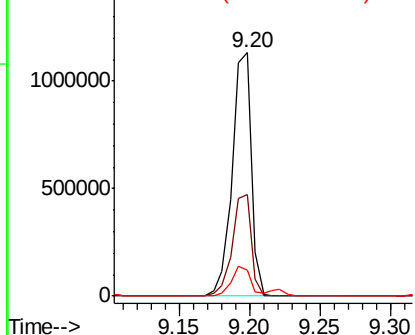


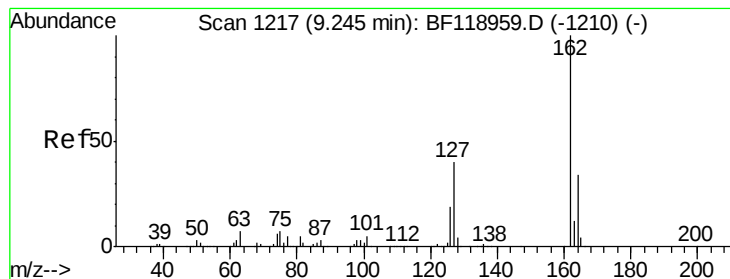
#46
1,1'-Biphenyl
Concen: 38.015 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:154 Resp: 1073246
Ion Ratio Lower Upper
154 100
153 41.4 22.8 62.8
76 10.9 0.0 32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 37.401 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

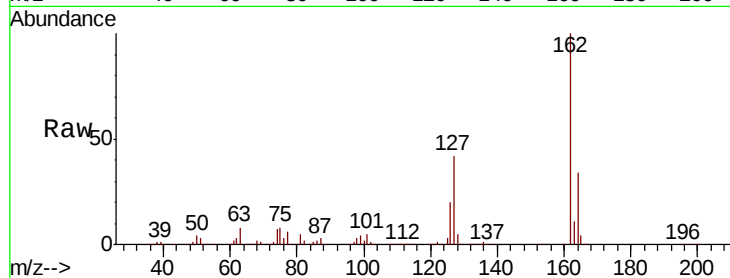
Tot Ion:162 Resp: 850890

Ion Ratio Lower Upper

162 100

127 41.9 35.0 52.4

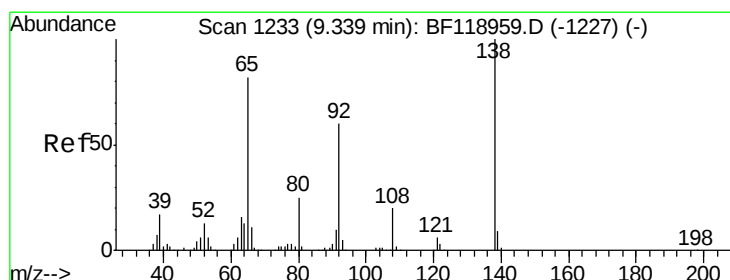
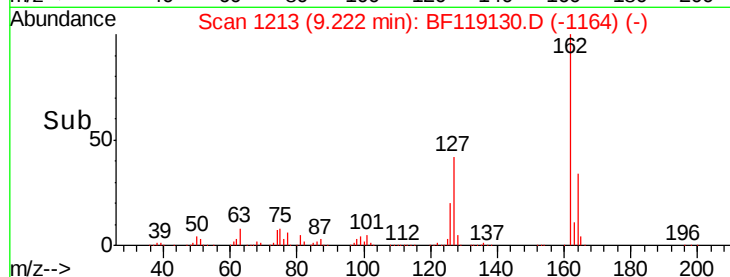
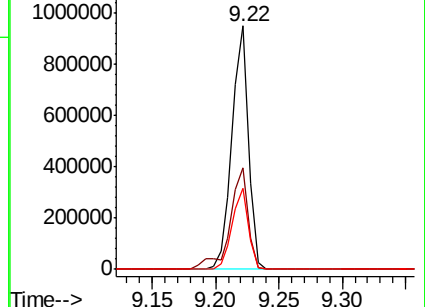
164 33.5 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.436 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

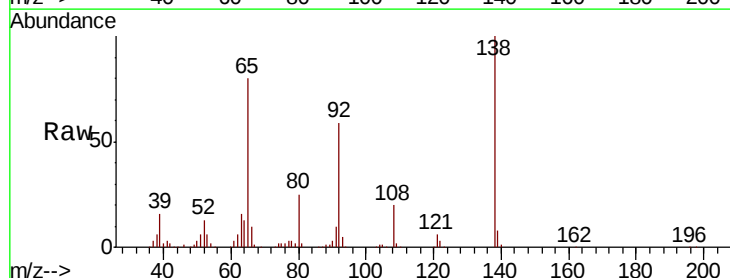
Tgt Ion: 65 Resp: 243899

Ion Ratio Lower Upper

65 100

92 74.4 58.2 87.2

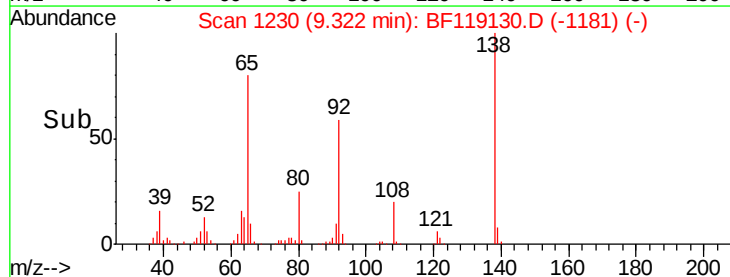
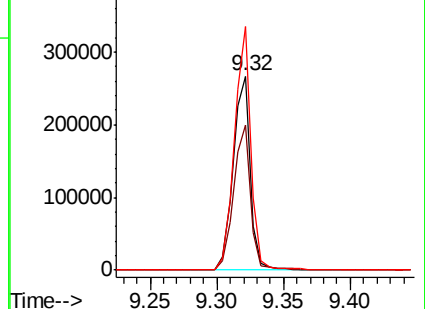
138 125.3 95.6 143.4

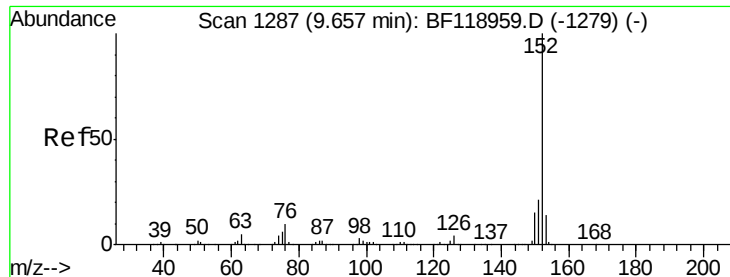


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.714 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

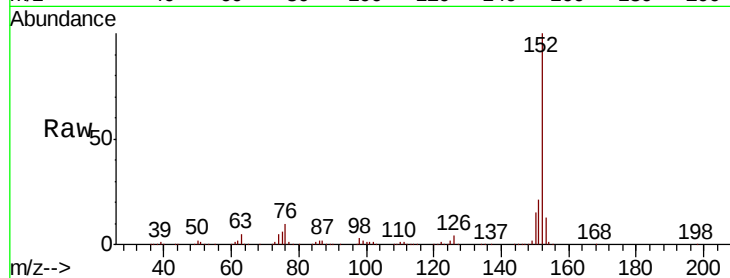
Tot Ion:152 Resp: 1239239

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

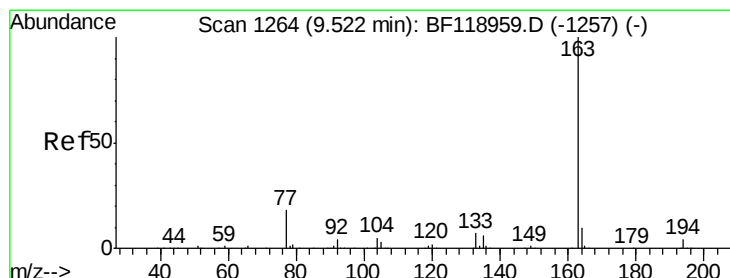
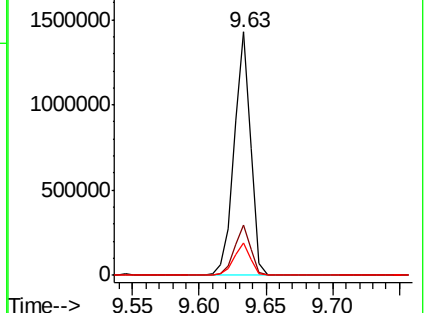
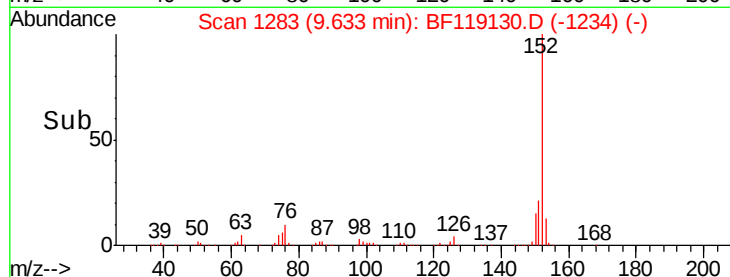
153 13.4 11.0 16.6



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: 38.532 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

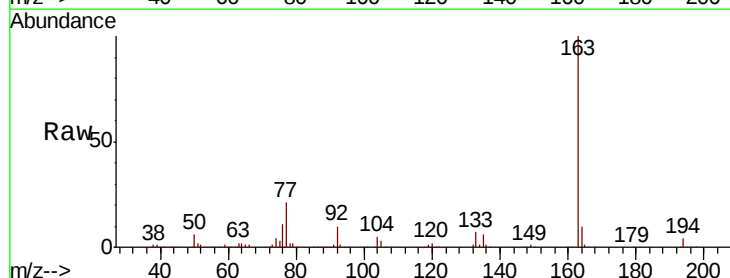
Tgt Ion:163 Resp: 1029243

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

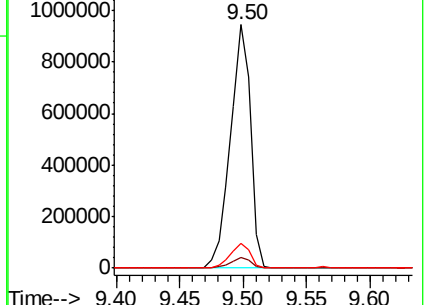
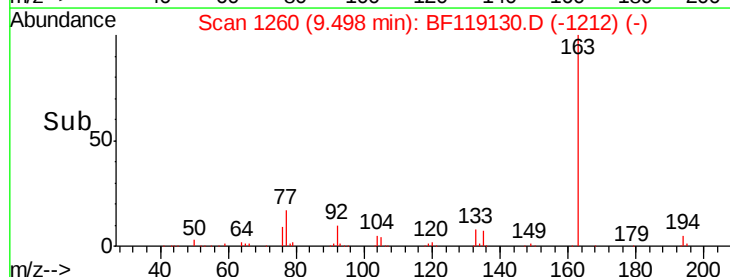
164 10.1 8.4 12.6



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

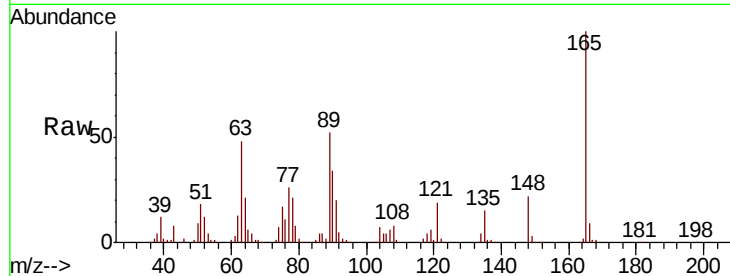




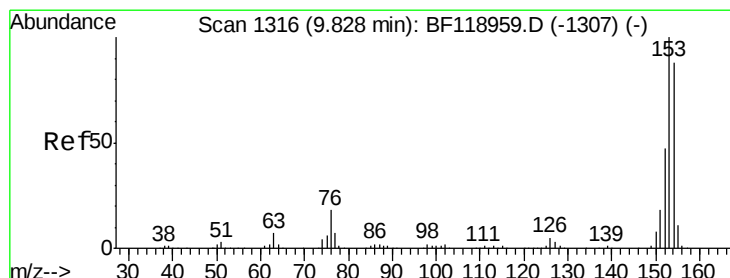
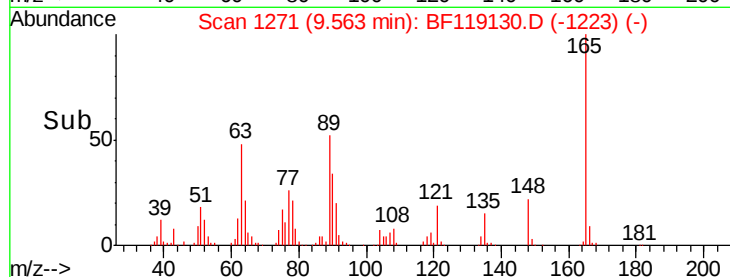
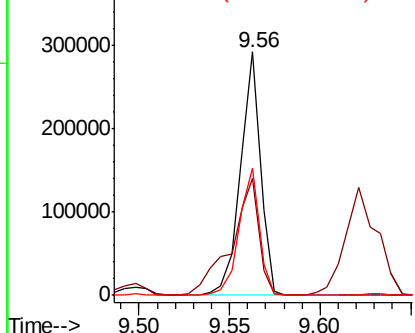
#51
 2,6-Dinitrotoluene
 Concen: 38.151 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	34.3	51.5
89	52.1	38.3	57.5

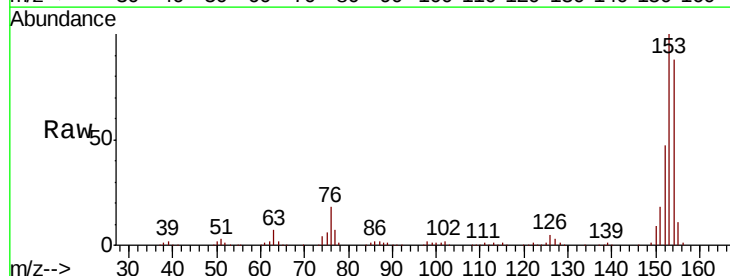


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

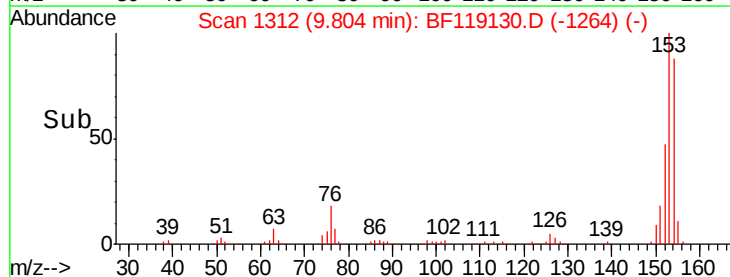
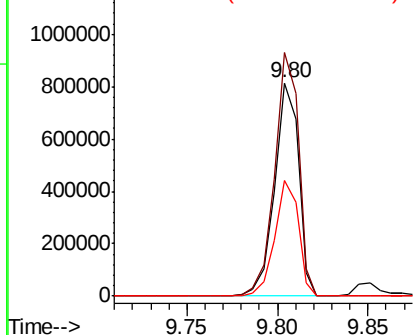


#52
 Acenaphthene
 Concen: 37.804 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.3	135.5
152	54.2	43.8	65.8



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

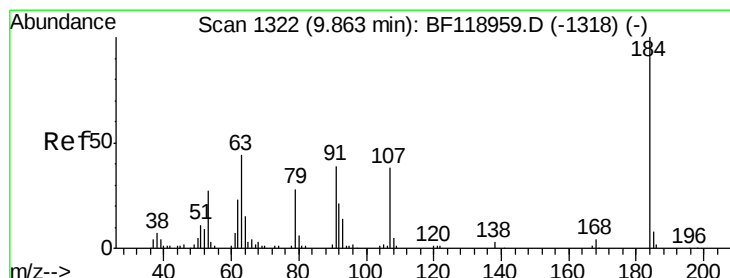
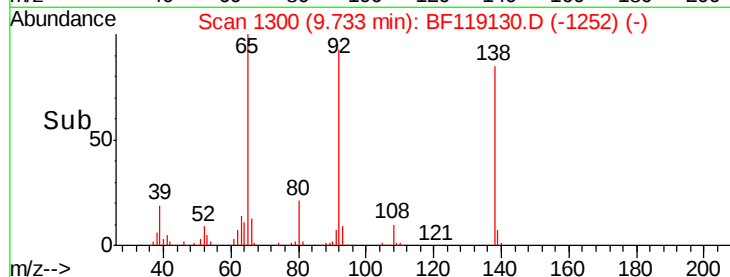
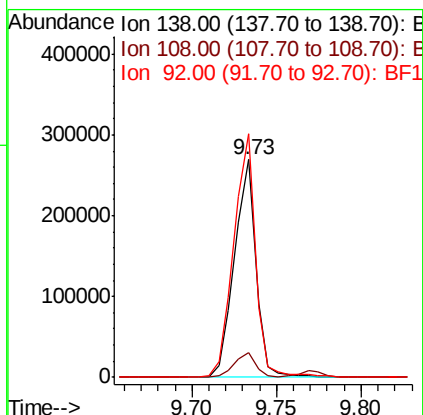
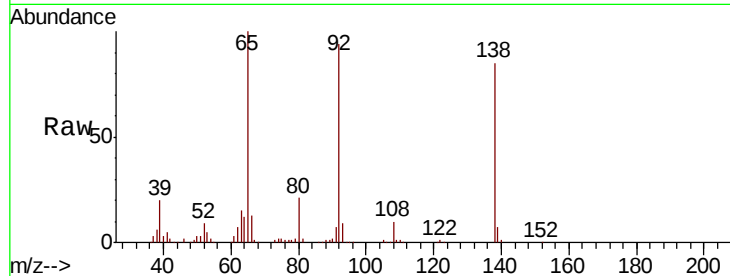




#53
 3-Nitroaniline
 Concen: 36.481 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

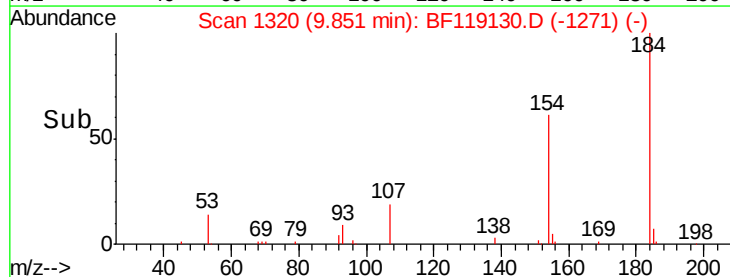
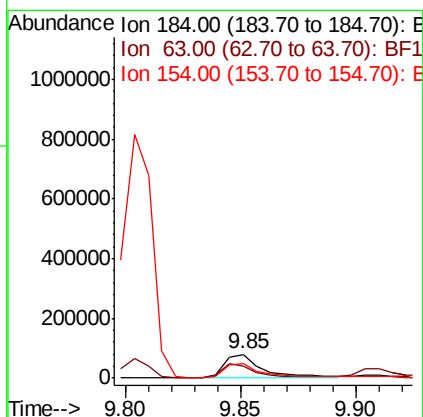
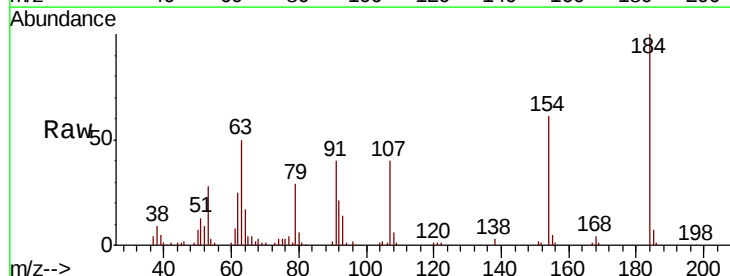
Instrument :
 BNA_F
 ClientSampleId :

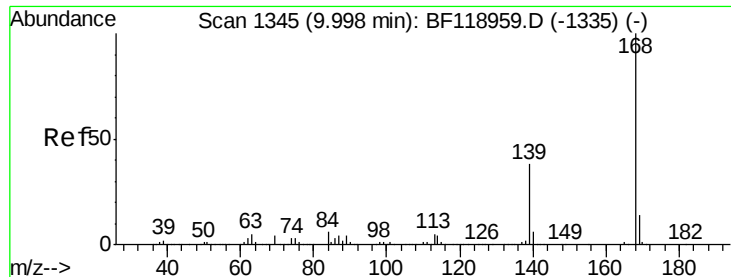
Tot Ion:138 Resp: 240014
 Ion Ratio Lower Upper
 138 100
 108 11.6 8.8 13.2
 92 111.8 84.8 127.2



#54
 2,4-Dinitrophenol
 Concen: 37.176 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion:184 Resp: 94495
 Ion Ratio Lower Upper
 184 100
 63 49.9 38.7 58.1
 154 61.0 49.7 74.5

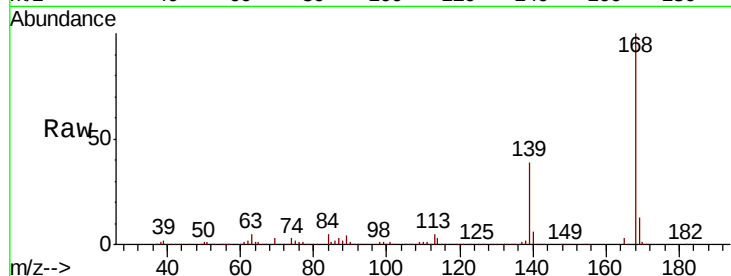




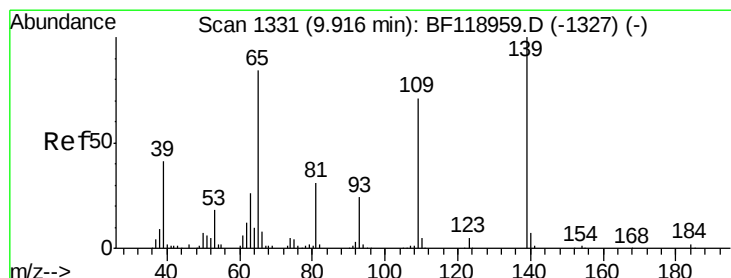
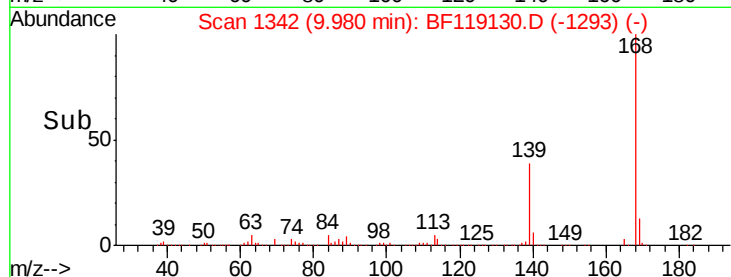
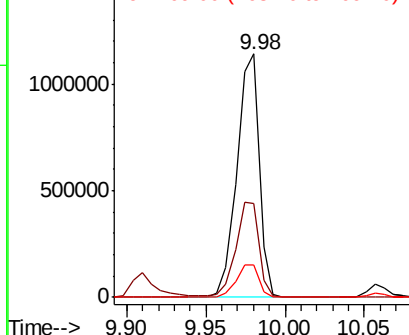
#55
Dibenzofuran
Concen: 37.748 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1116344
Ion Ratio Lower Upper
168 100
139 38.8 34.0 51.0
169 13.2 11.0 16.4

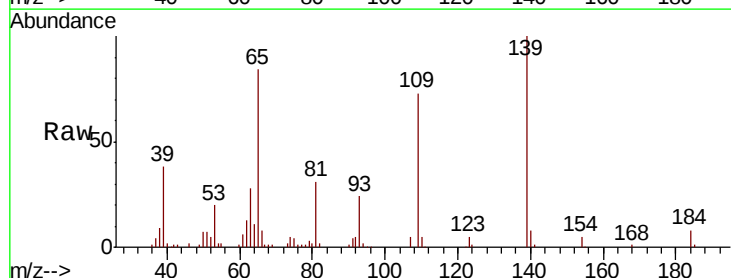


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

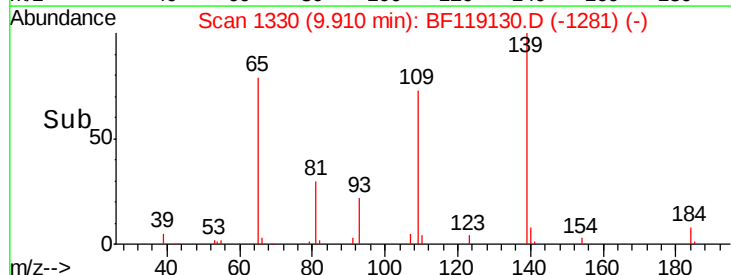
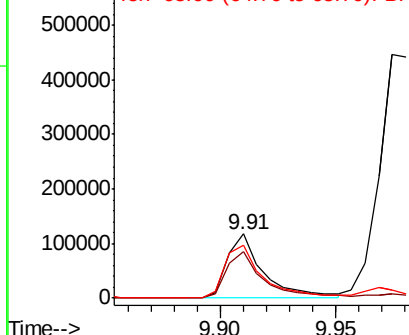


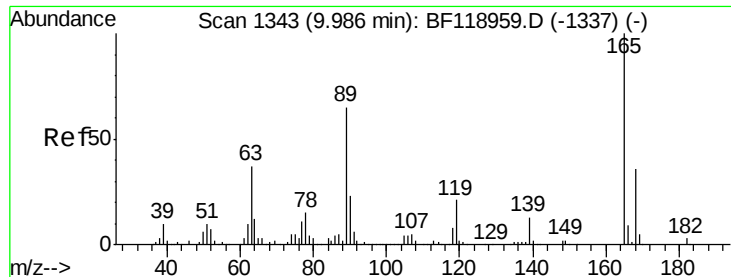
#56
4-Nitrophenol
Concen: 32.314 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:139 Resp: 127734
Ion Ratio Lower Upper
139 100
109 73.5 56.7 96.7
65 83.7 65.0 105.0



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

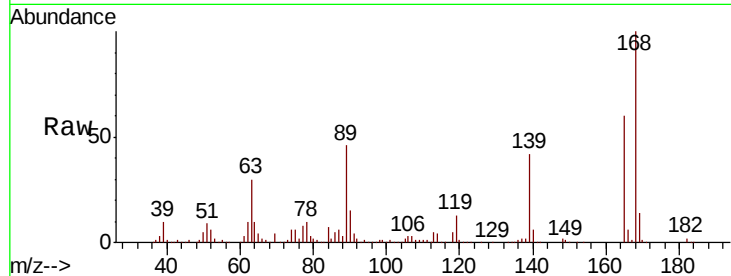




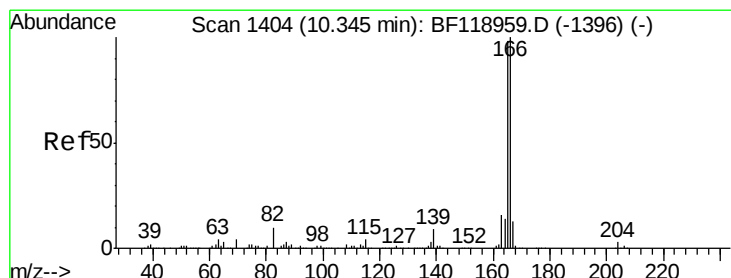
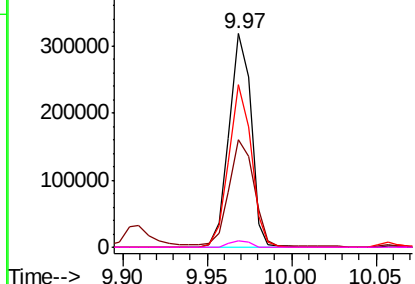
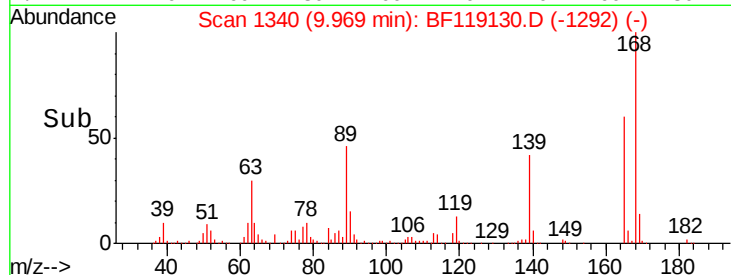
#57
2,4-Dinitrotoluene
Concen: 37.605 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	289267
Ion Ratio	Lower	Upper
165	100	
63	50.4	42.3 63.5
89	75.9	60.2 90.4
182	2.9	2.3 3.5

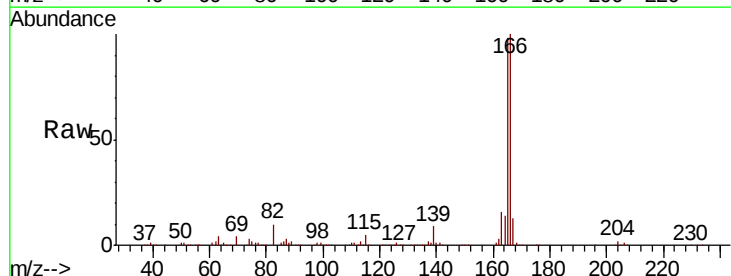


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

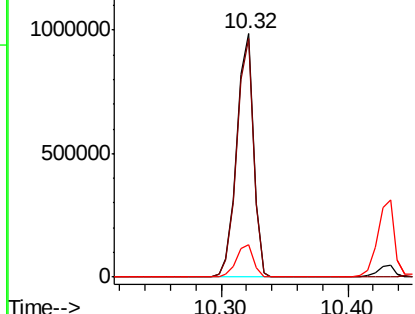
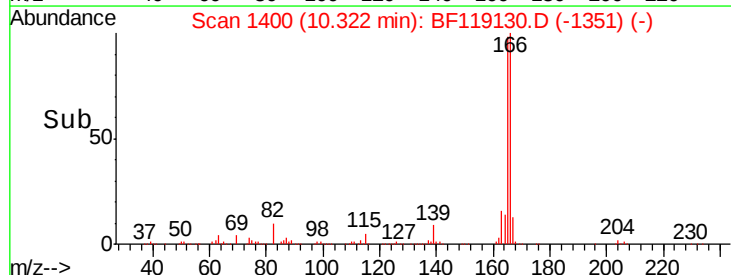


#58
Fluorene
Concen: 38.963 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:166	Resp:	895376
Ion Ratio	Lower	Upper
166	100	
165	97.9	78.5 117.7
167	13.4	11.0 16.4



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

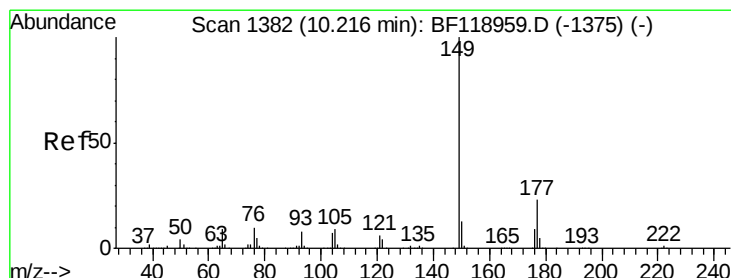
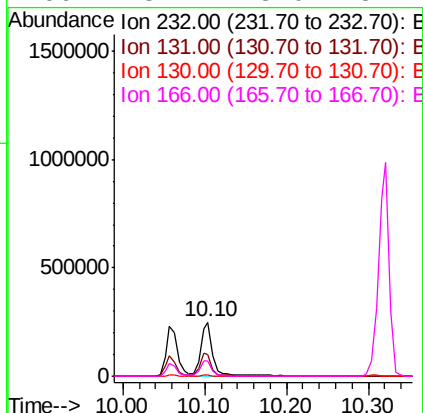
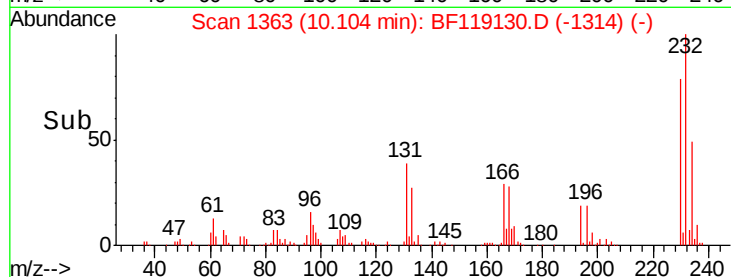
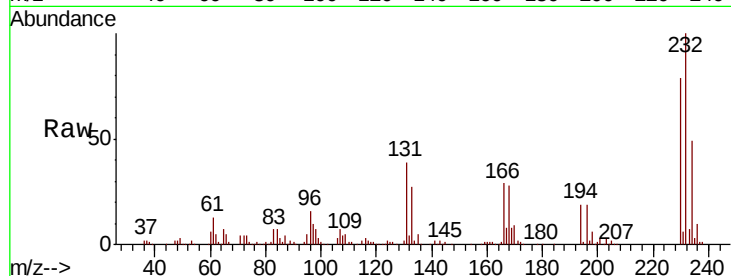




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.275 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

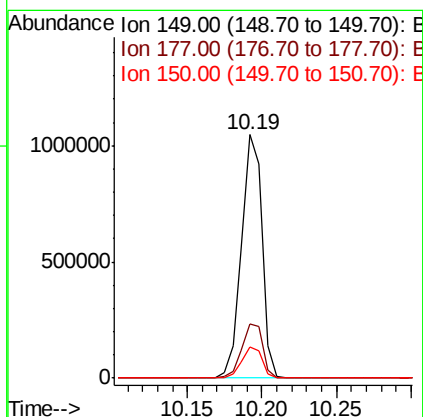
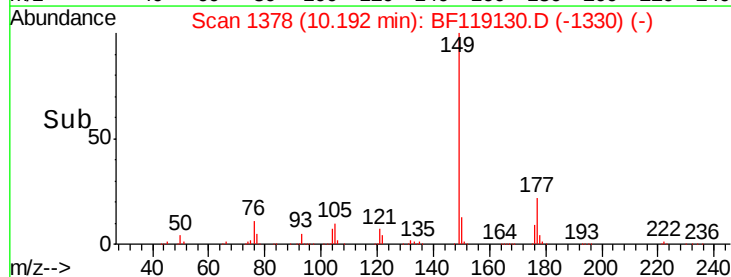
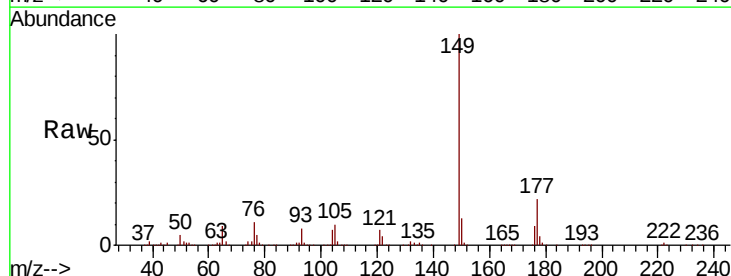
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.4	33.8	50.8
130	2.1	1.8	2.6
166	28.1	23.0	34.4



#60
Diethylphthalate
Concen: 39.768 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	12.8	10.5	15.7

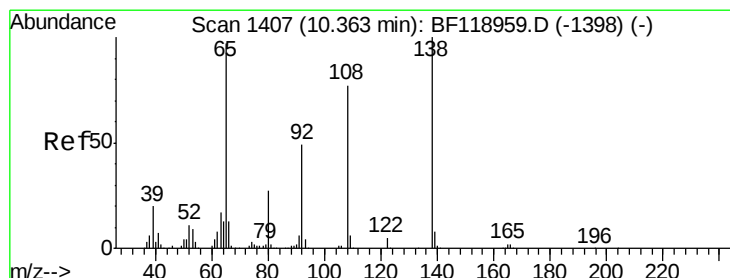
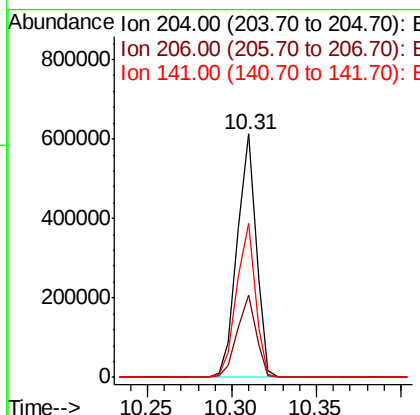
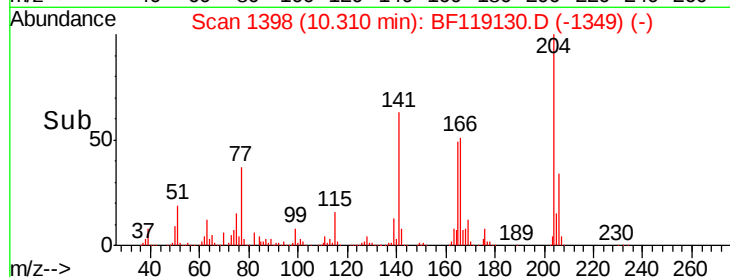
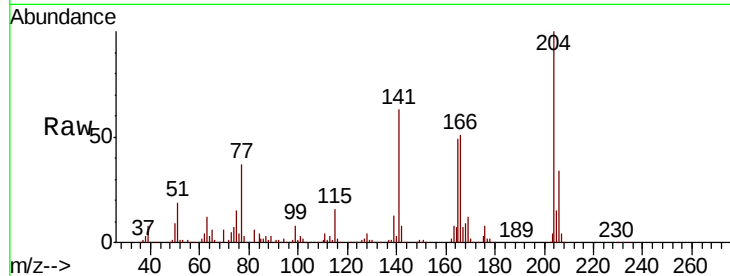




#61
 4-Chlorophenyl-phenylether
 Concen: 39.401 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

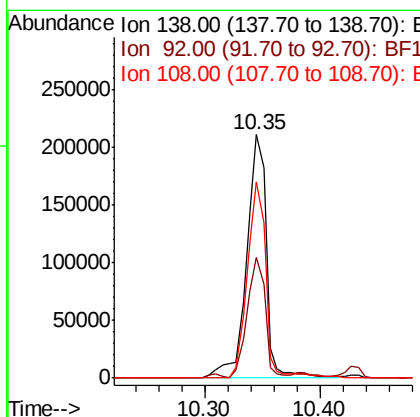
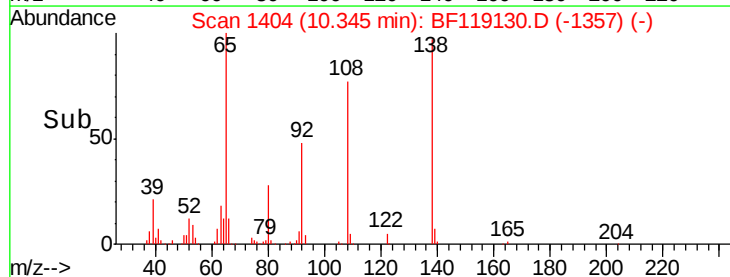
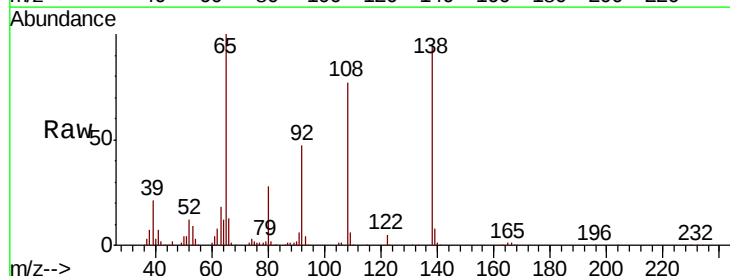
Instrument :
 BNA_F
 ClientSampleId :

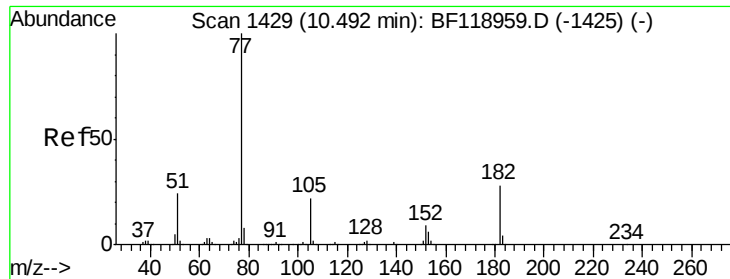
Tot Ion:	204	Resp:	479264
Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	63.2	52.9	79.3



#62
 4-Nitroaniline
 Concen: 37.184 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion:	138	Resp:	250292
Ion	Ratio	Lower	Upper
138	100		
92	49.8	27.3	67.3
108	80.8	57.0	97.0





#63

Azobenzene

Concen: 39.662 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 867802

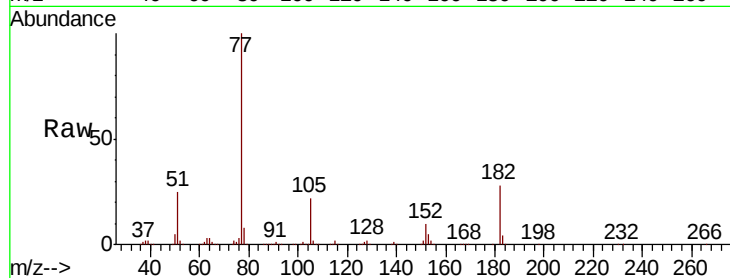
Ion Ratio Lower Upper

77 100

182 27.6 11.4 51.4

105 22.1 3.4 43.4

51 24.6 5.1 45.1

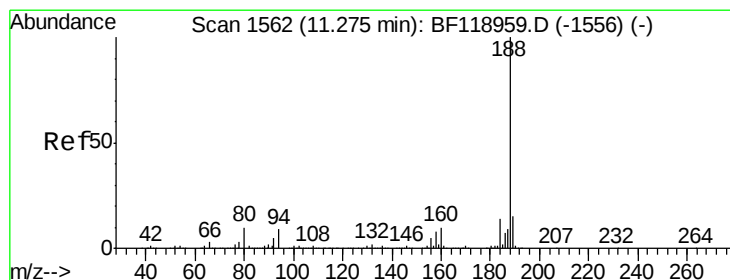
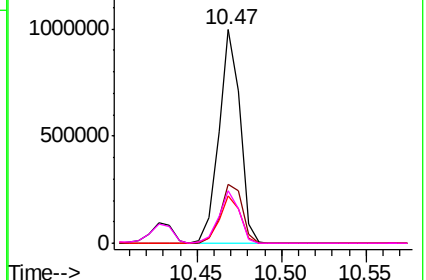
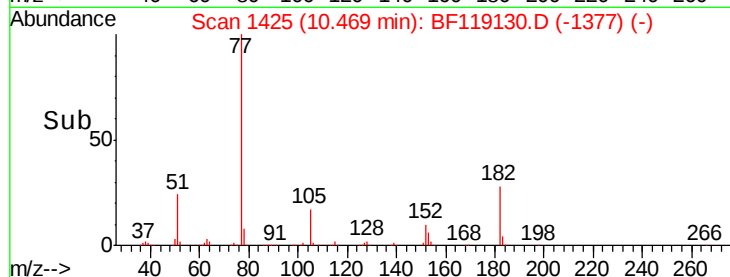


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

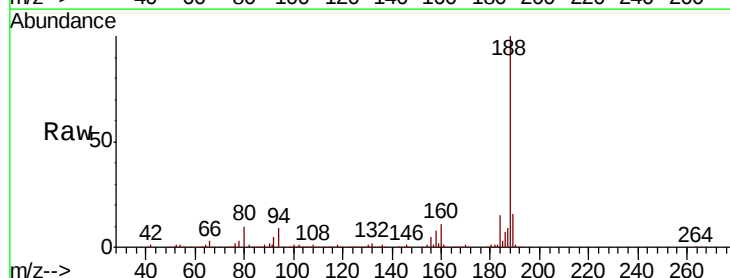
Tgt Ion: 188 Resp: 638023

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

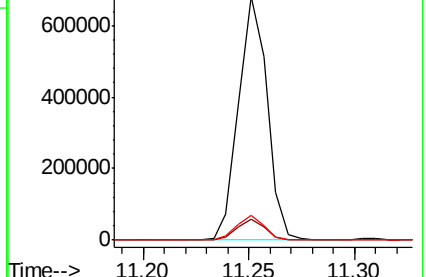
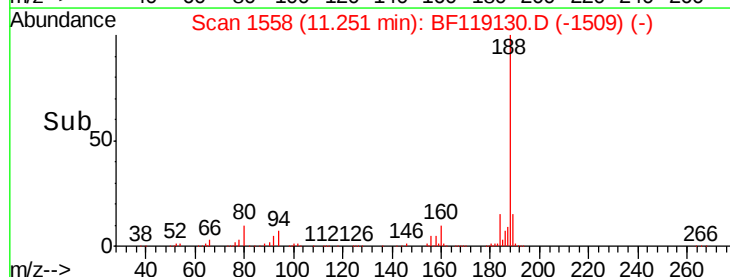
80 10.0 7.8 11.8

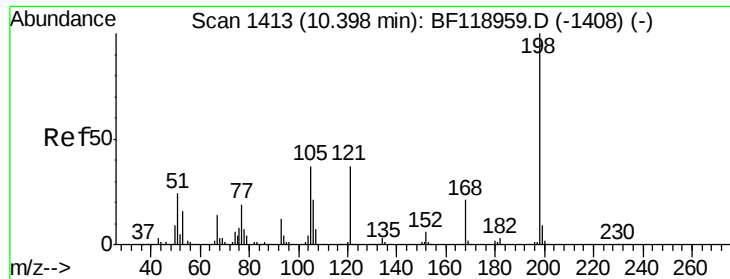


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

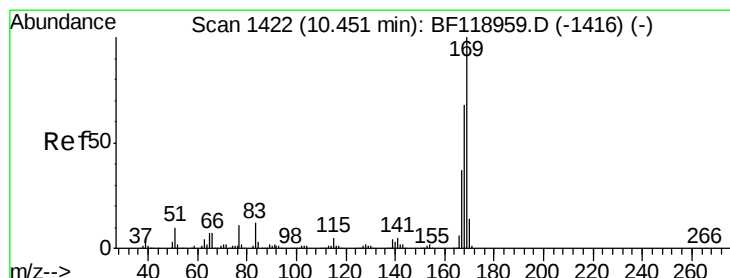
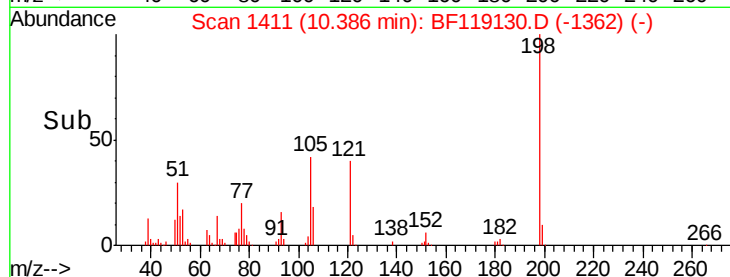
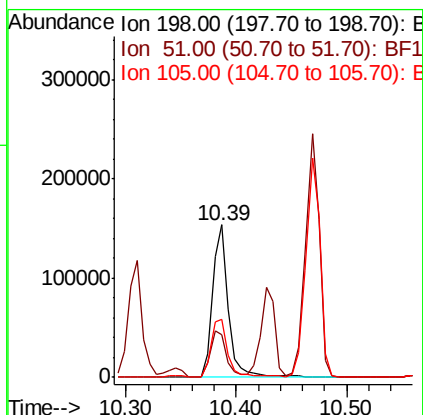
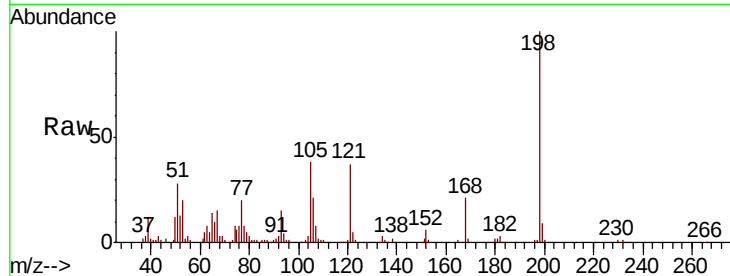




#65
4,6-Dinitro-2-methylphenol
Concen: 38.789 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

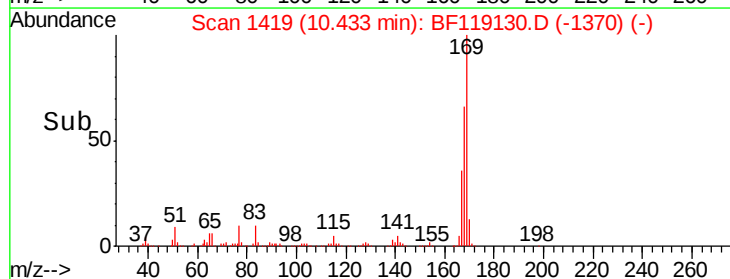
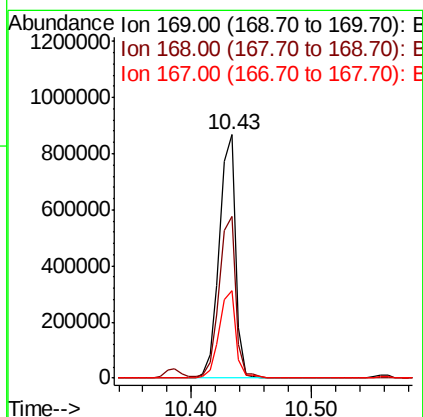
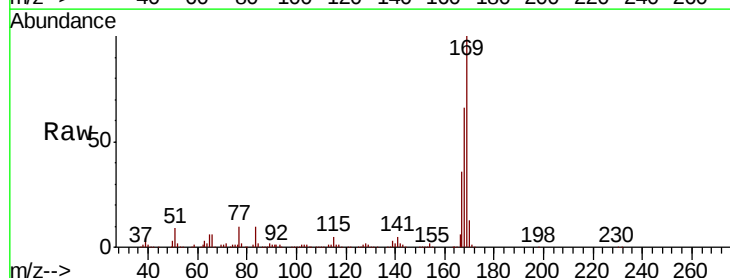
Instrument :
BNA_F
ClientSampleId :

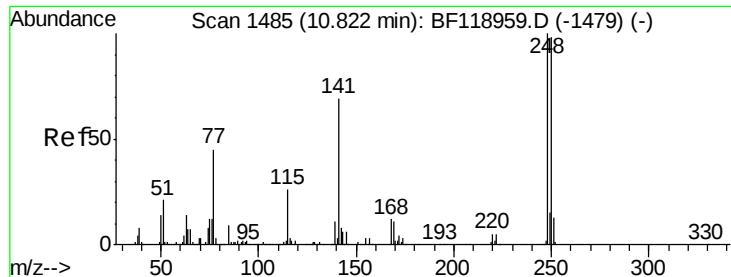
Tot Ion	Ratio	Lower	Upper
198	100		
51	28.0	14.2	54.2
105	37.9	22.7	62.7



#66
n-Nitrosodiphenylamine
Concen: 38.455 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.1	81.1
167	36.0	29.4	44.0

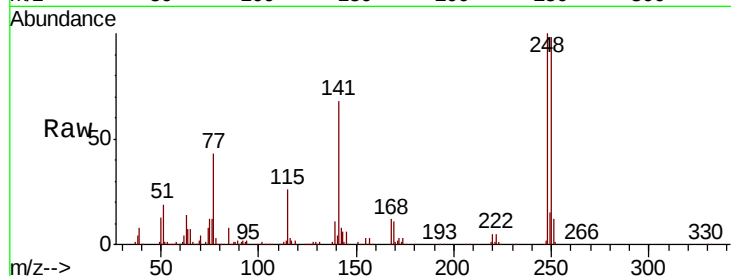




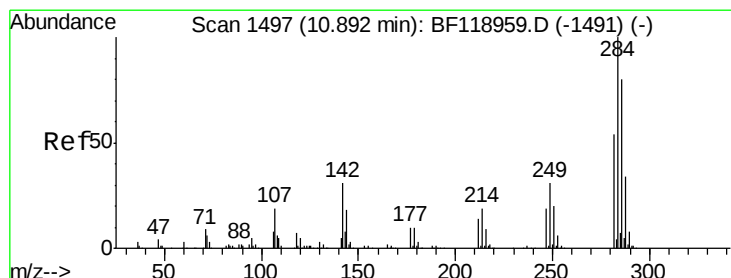
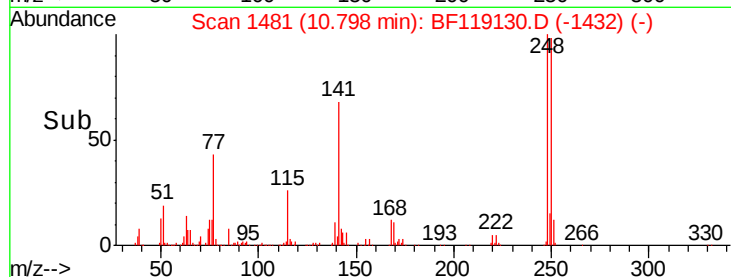
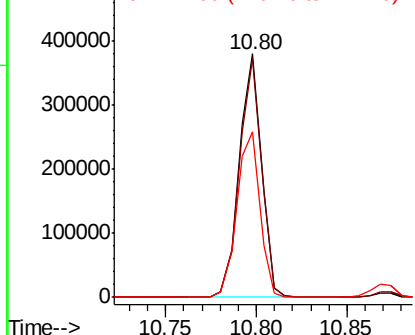
#67
4-Bromophenyl-phenylether
Concen: 39.043 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 325610
Ion Ratio Lower Upper
248 100
250 98.1 76.7 115.1
141 68.1 60.7 91.1

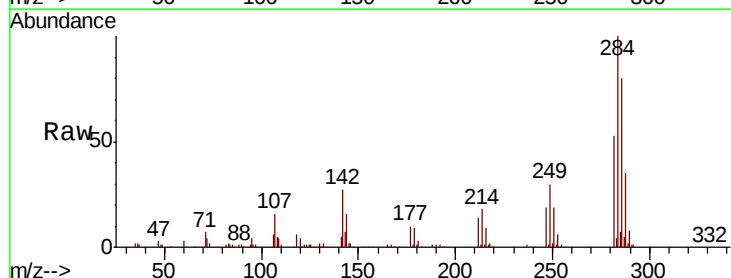


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

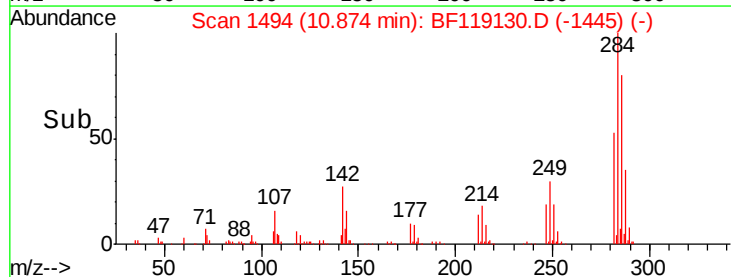
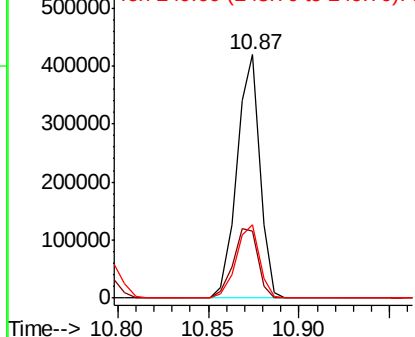


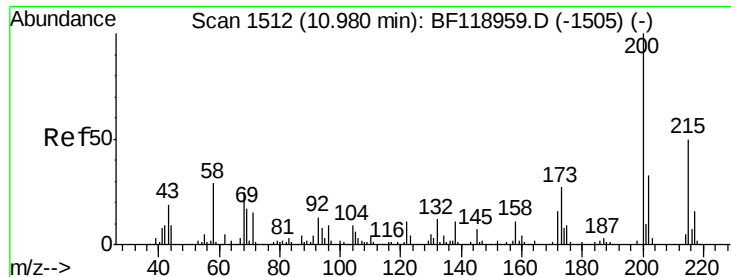
#68
Hexachlorobenzene
Concen: 38.371 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:284 Resp: 368952
Ion Ratio Lower Upper
284 100
142 27.3 23.7 35.5
249 30.4 25.0 37.6



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

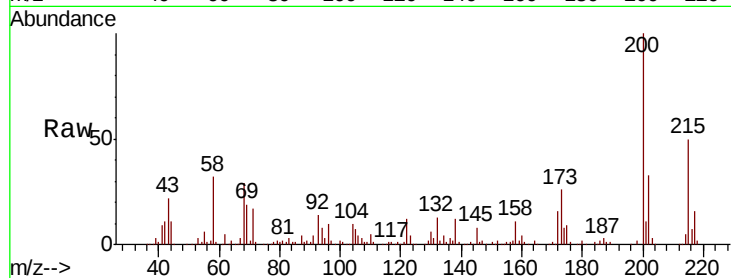




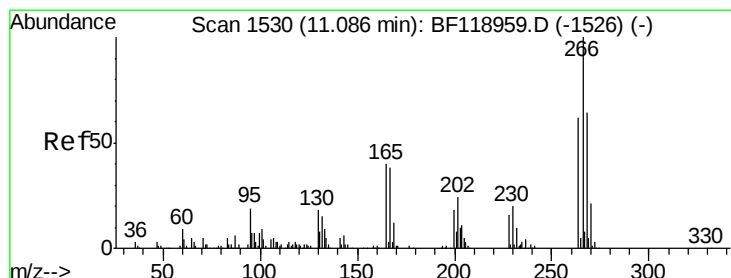
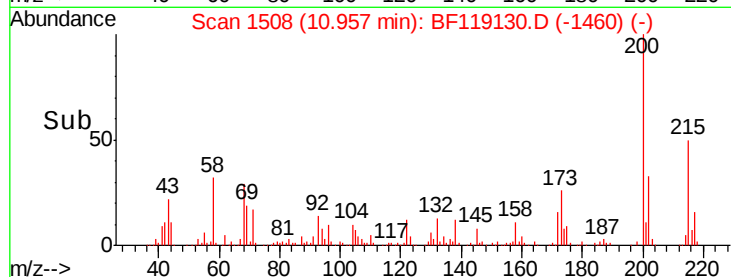
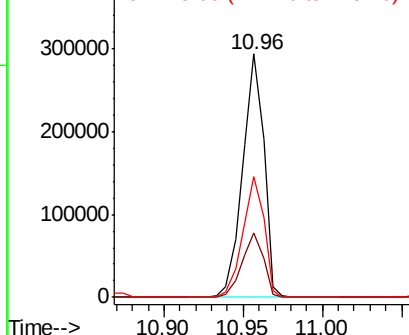
#69
Atrazine
Concen: 37.293 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.4	46.4
215	49.6	27.4	67.4

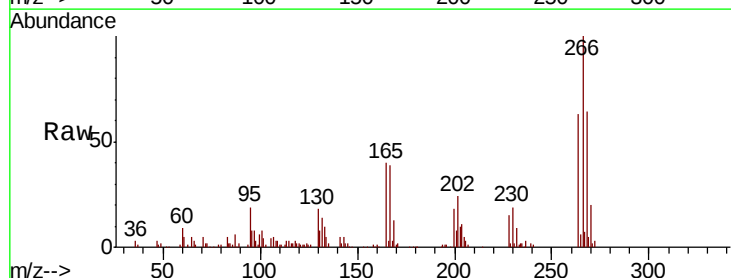


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

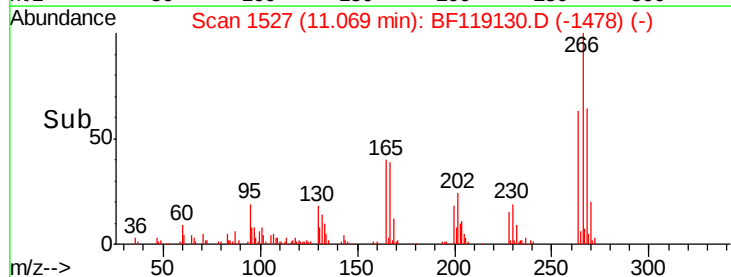
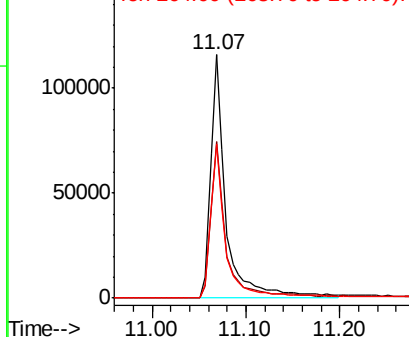


#70
Pentachlorophenol
Concen: 34.888 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.9	77.9
264	63.3	51.0	76.4



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

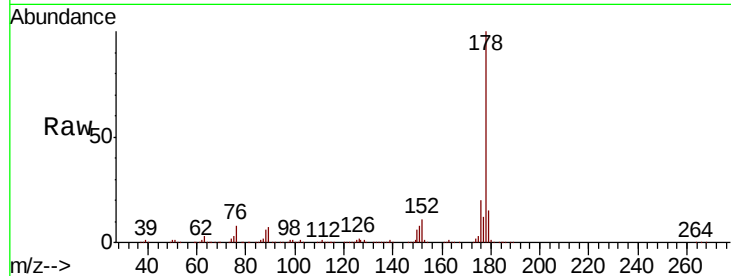




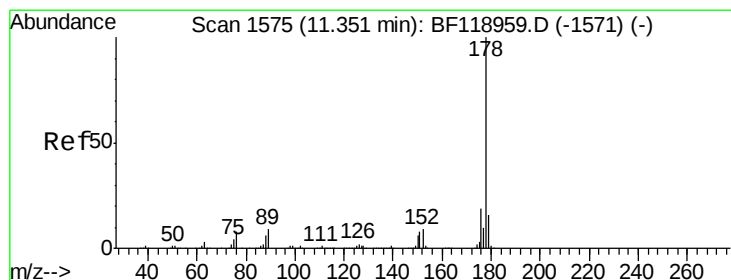
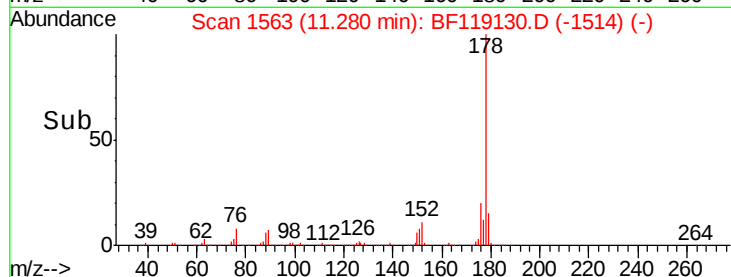
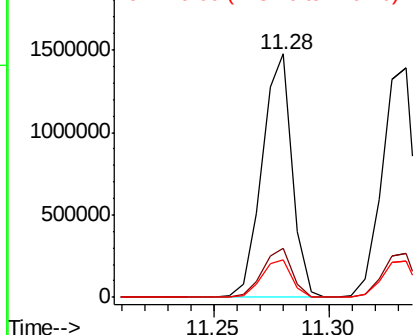
#71
Phenanthrene
Concen: 38.504 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1339748
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.5 13.0 19.6

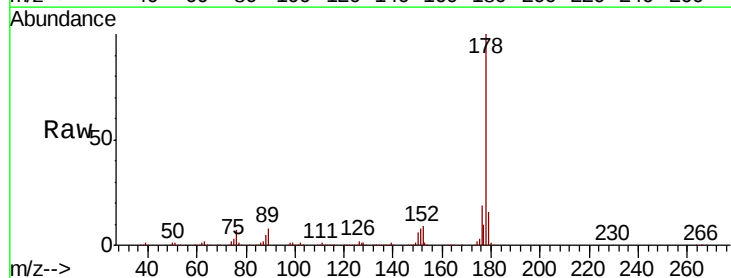


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

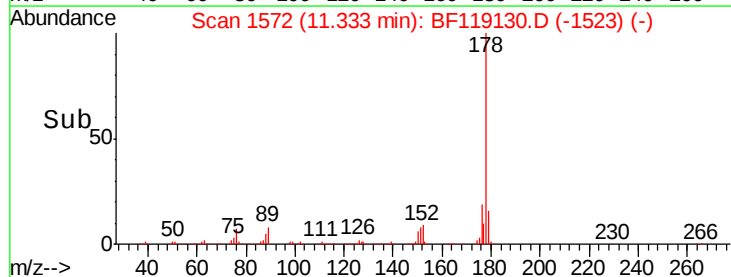
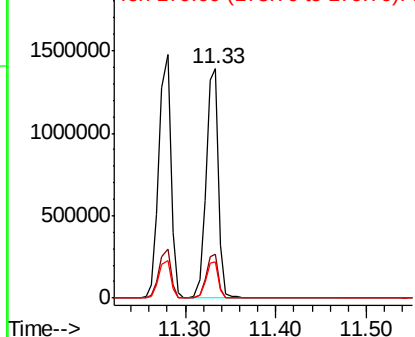


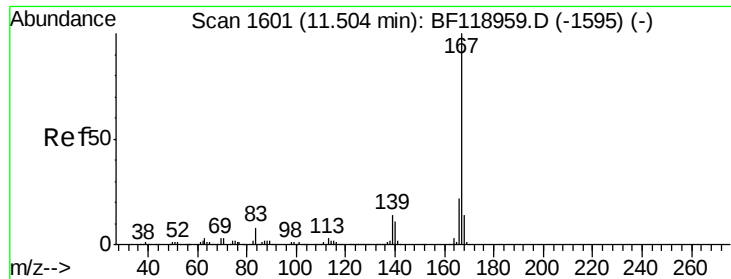
#72
Anthracene
Concen: 38.699 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:178 Resp: 1345409
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.7 13.1 19.7



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



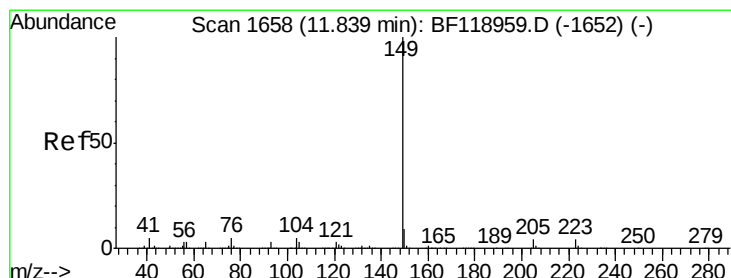
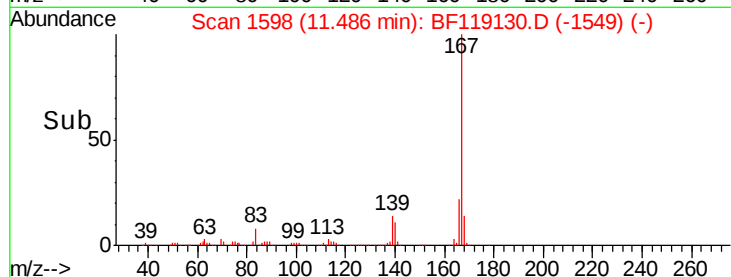
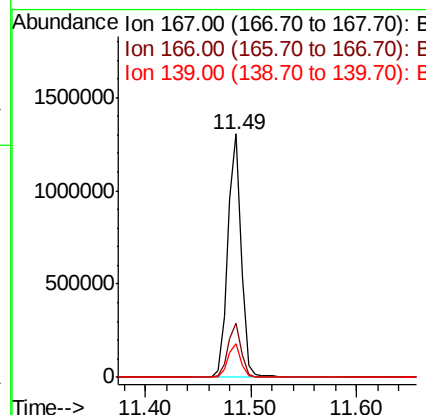
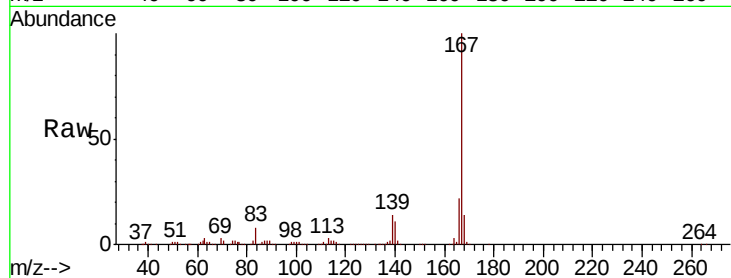


#73
 Carbazole
 Concen: 37.599 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1164513

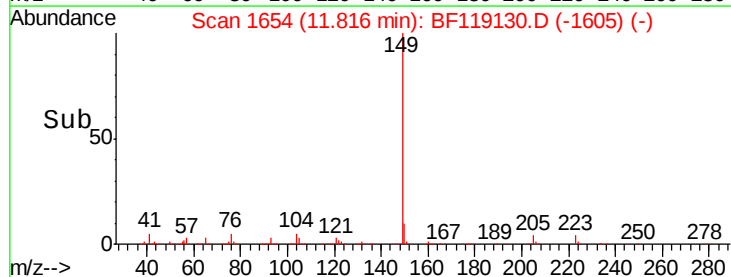
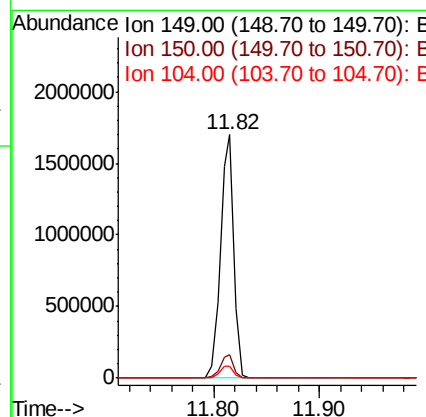
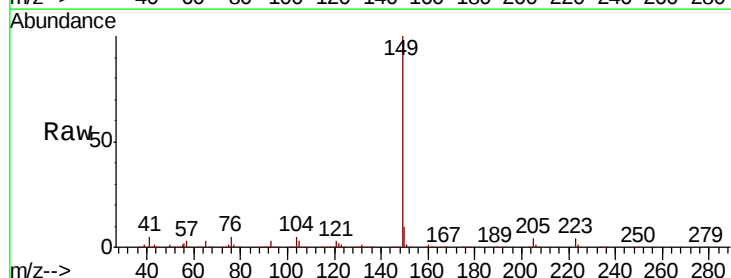
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.6	11.7	17.5

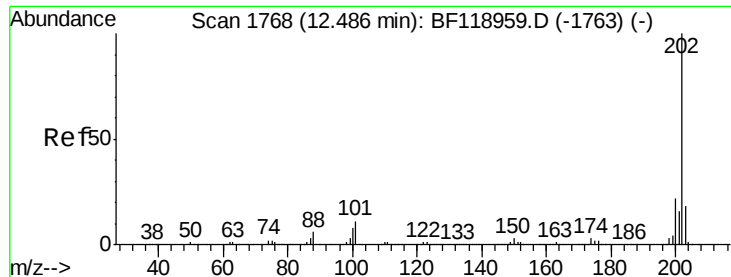


#74
 Di-n-butylphthalate
 Concen: 40.629 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion:149 Resp: 1523885

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.2	4.6	6.8

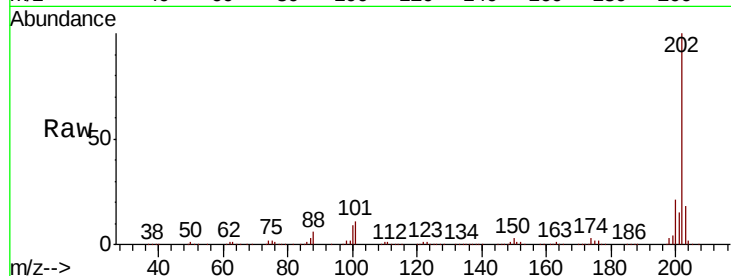




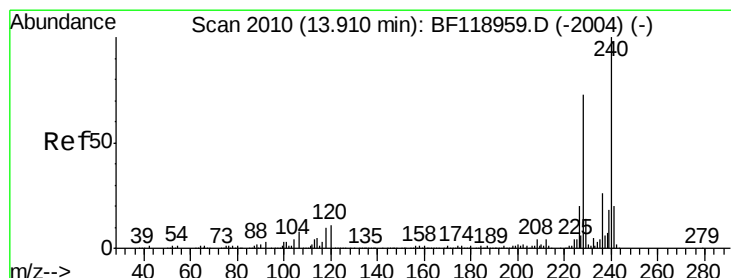
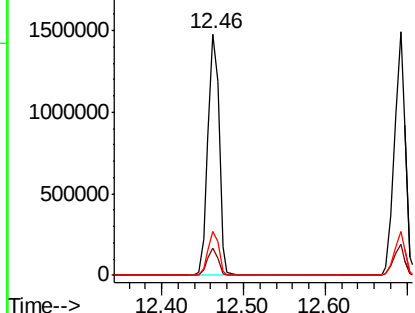
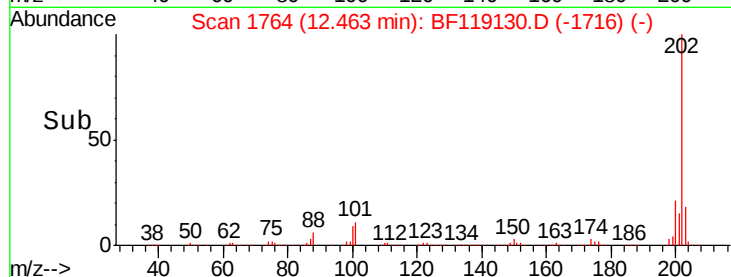
#75
Fluoranthene
Concen: 37.934 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1401038
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.3
203 18.4 0.0 38.4

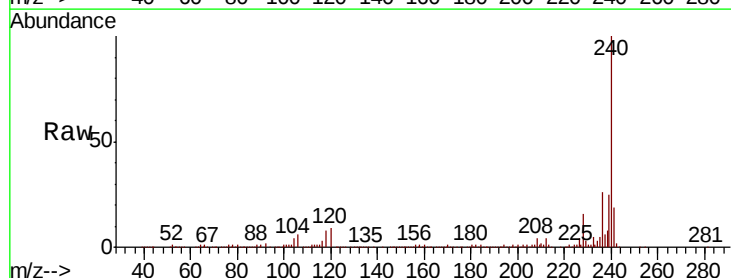


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

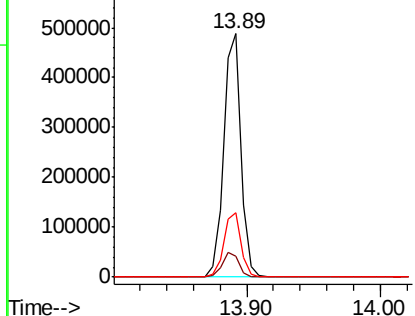
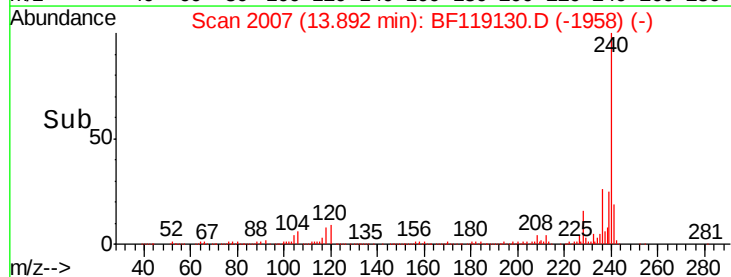


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:240 Resp: 445568
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 26.4 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.639 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

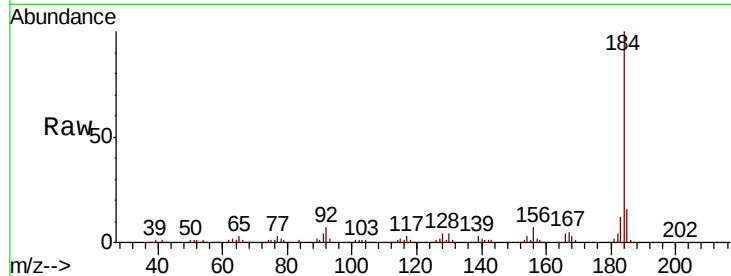
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 627681

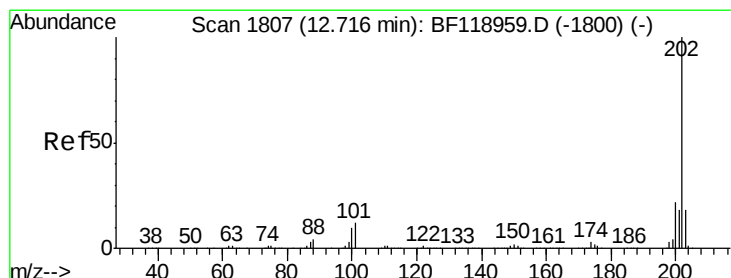
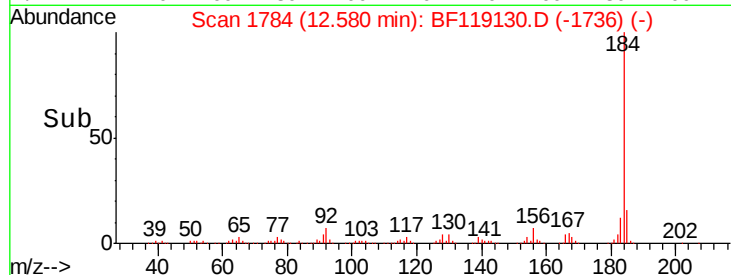
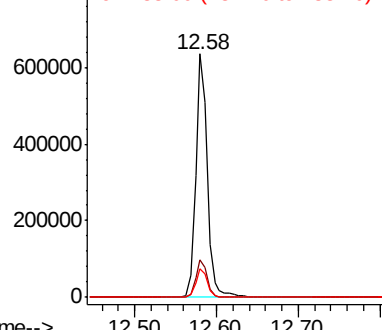
Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.2	18.4
183	11.8	9.9	14.9



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: 39.047 ng

RT: 12.69 min Scan# 1803

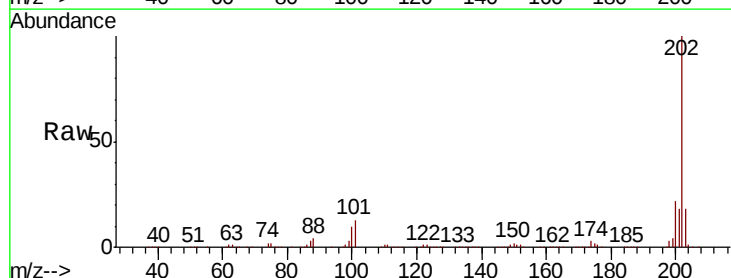
Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Tgt Ion:202 Resp: 1397060

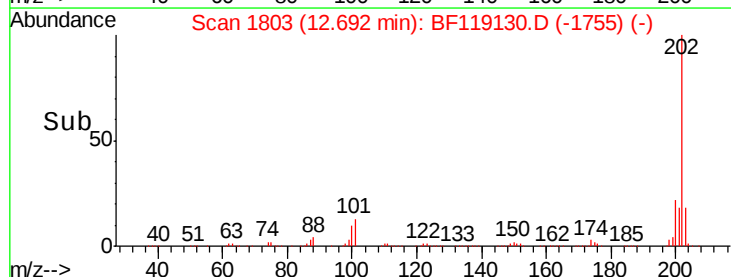
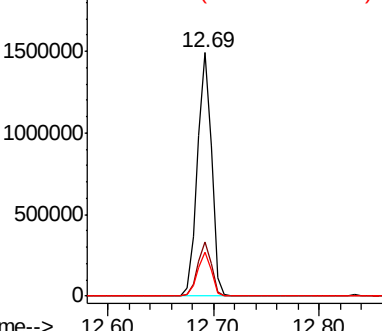
Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	18.1	14.6	22.0

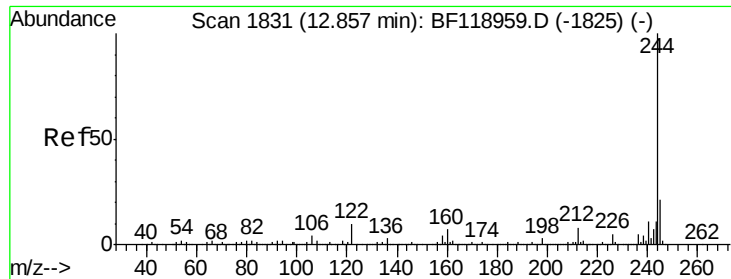


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



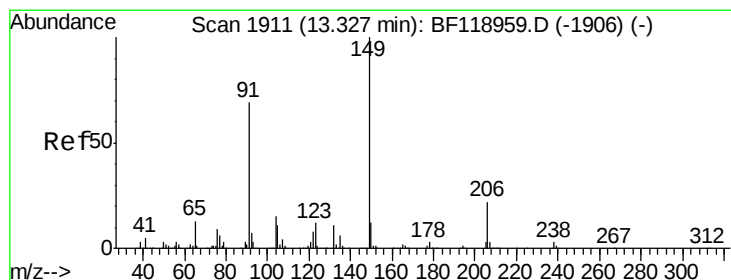
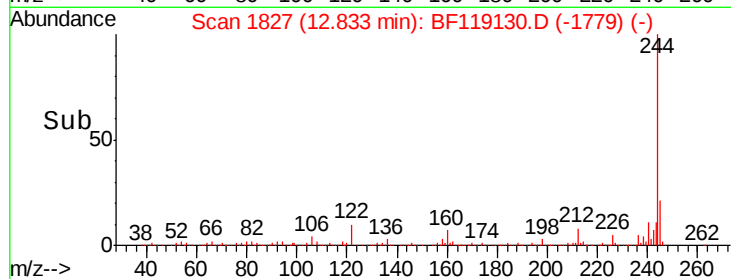
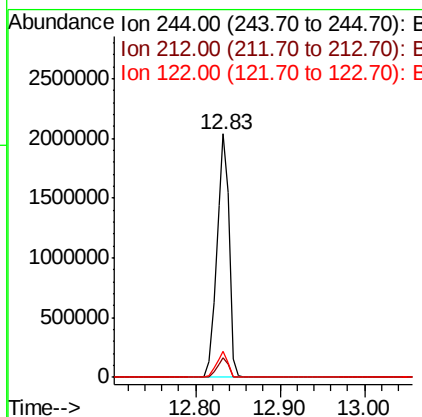
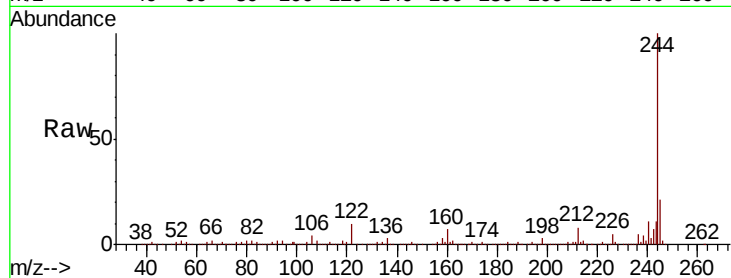


#79
 Terphenyl-d14
 Concen: 81.775 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2116333

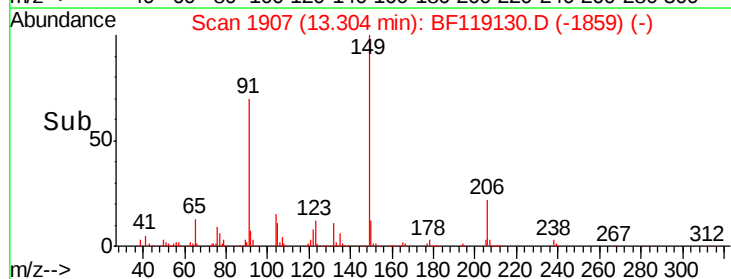
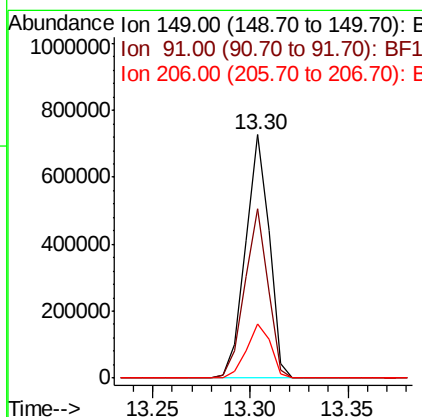
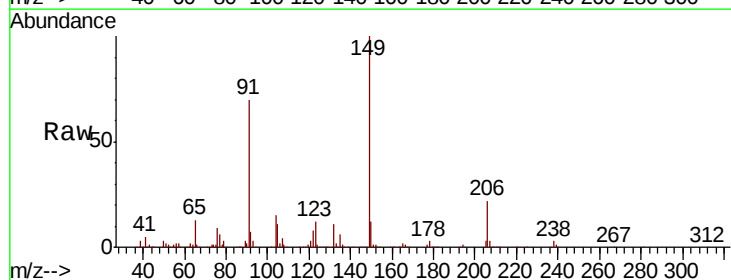
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	10.5	8.2	12.2

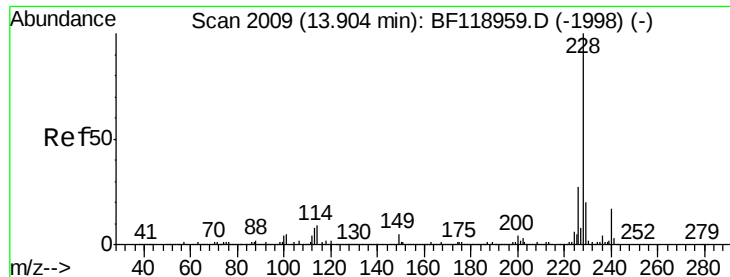


#80
 Butylbenzylphthalate
 Concen: 40.713 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion:149 Resp: 613066

Ion	Ratio	Lower	Upper
149	100		
91	69.6	52.3	78.5
206	22.1	18.5	27.7





#81

Benzo(a)anthracene

Concen: 38.957 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

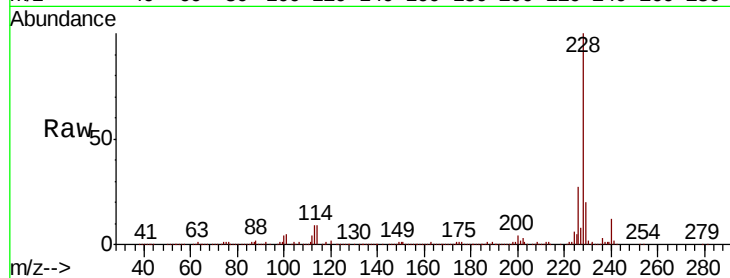
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1182720

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.9	16.6	24.8

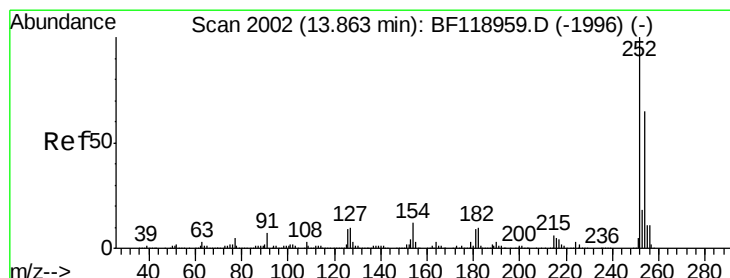
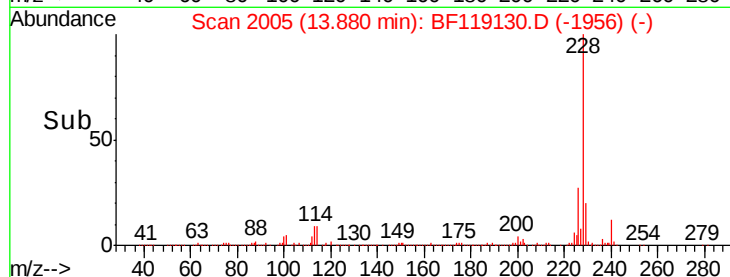
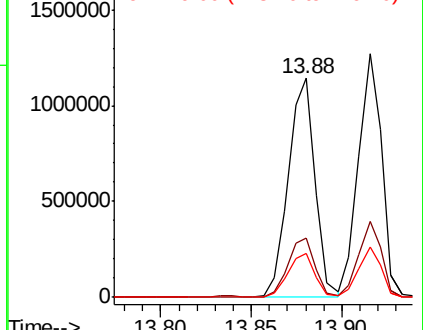


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 38.857 ng

RT: 13.84 min Scan# 1998

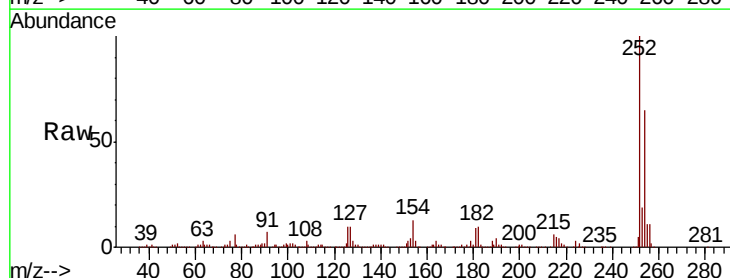
Delta R.T. -0.02 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Tgt Ion:252 Resp: 458069

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.6	77.4
126	9.9	7.4	11.0

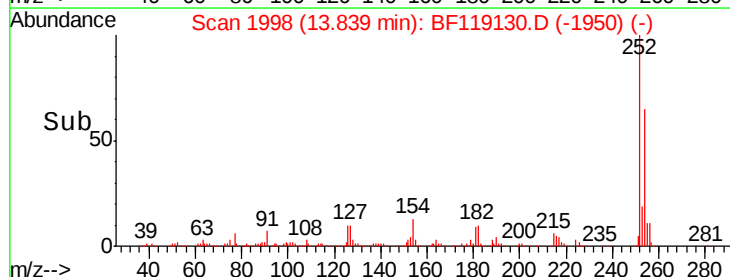
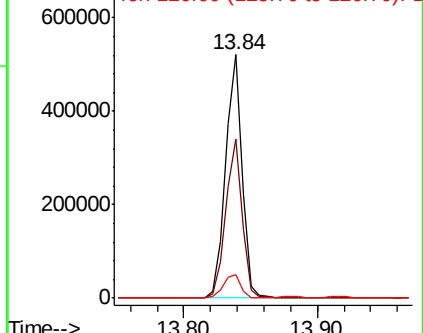


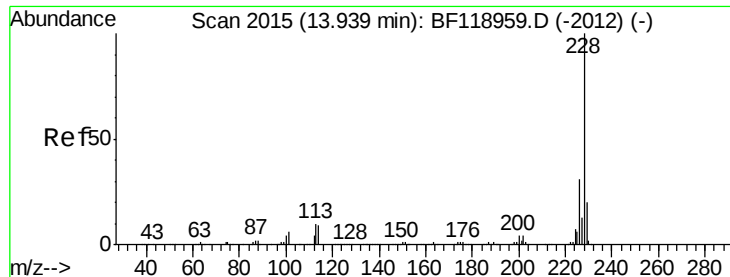
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

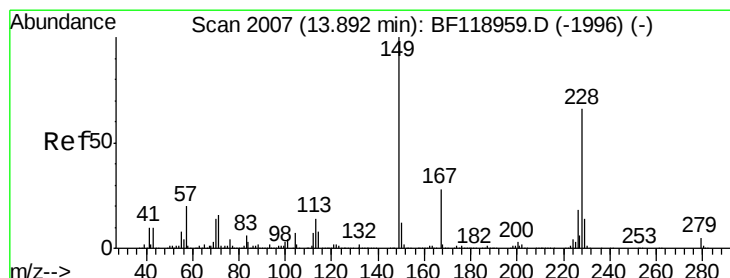
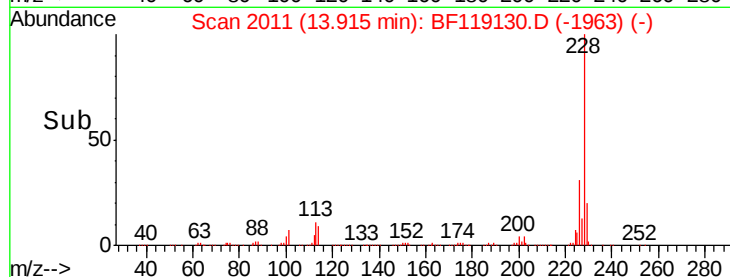
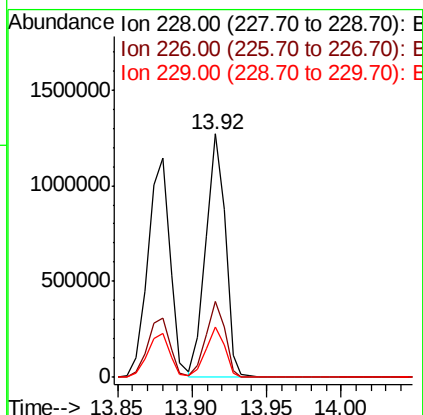
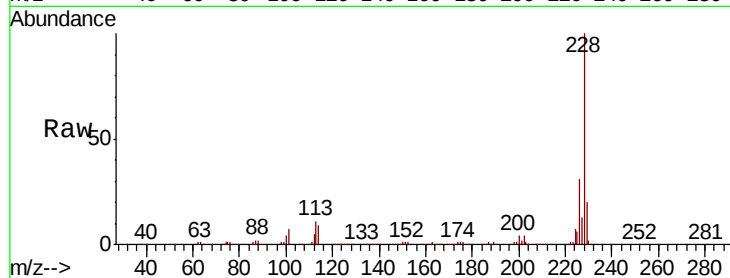




#83
 Chrvsene
 Concen: 37.819 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

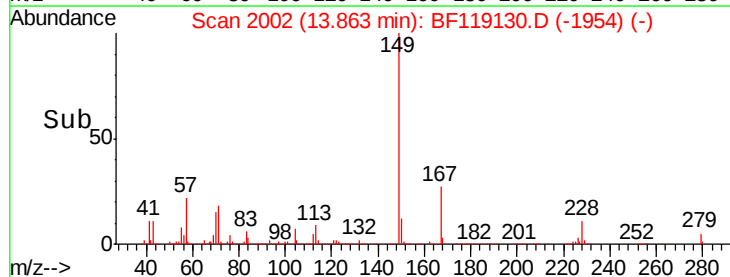
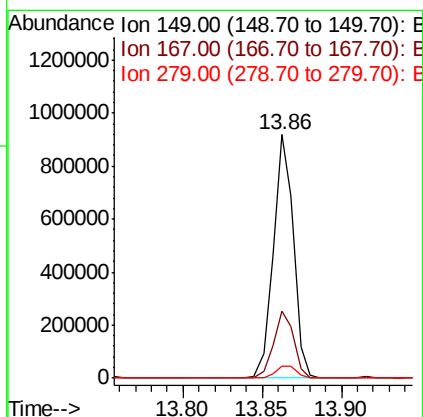
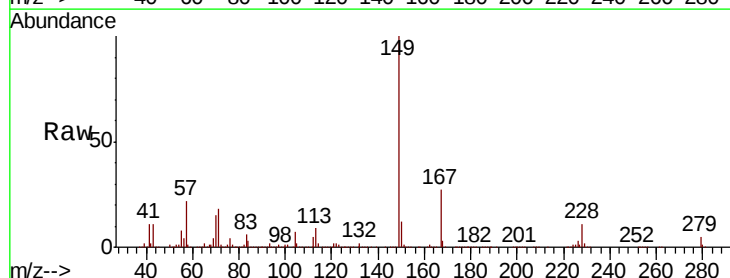
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1144043
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.1 37.7
 229 20.4 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.753 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119130.D
 Acq: 28 Feb 2020 13:39

Tgt Ion:149 Resp: 813335
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.8 34.2
 279 4.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 40.786 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

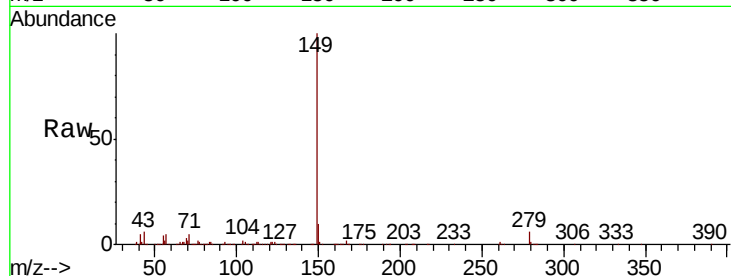
Tot Ion:149 Resp: 1236258

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

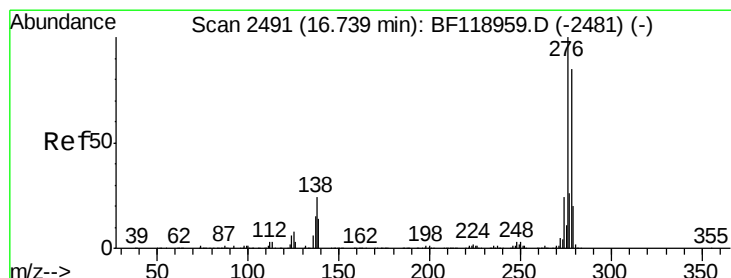
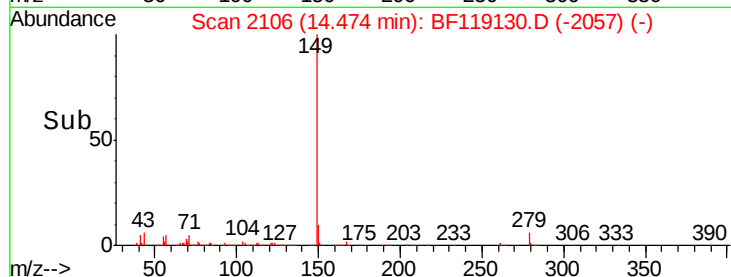
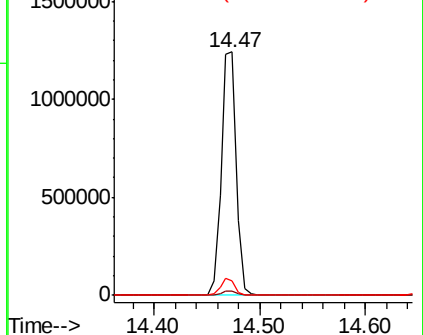
43 6.6 5.7 8.5



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: 31.350 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.03 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

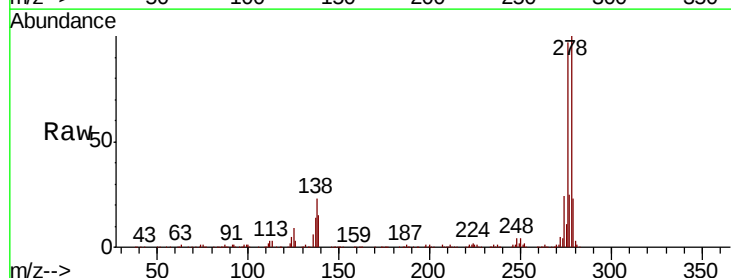
Tgt Ion:276 Resp: 918273

Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

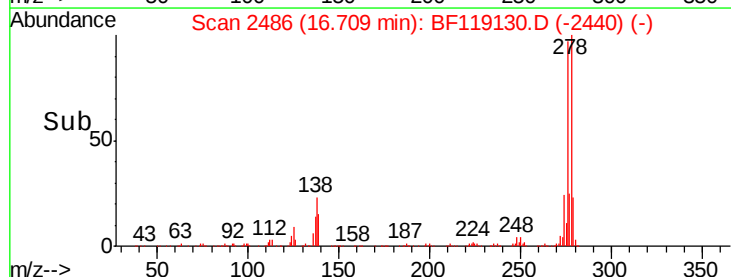
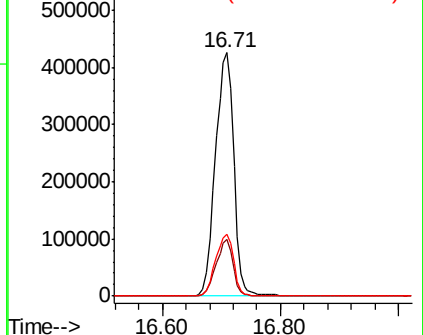
277 25.3 20.3 30.5

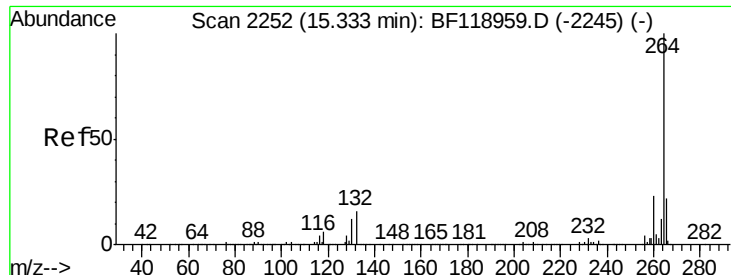


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

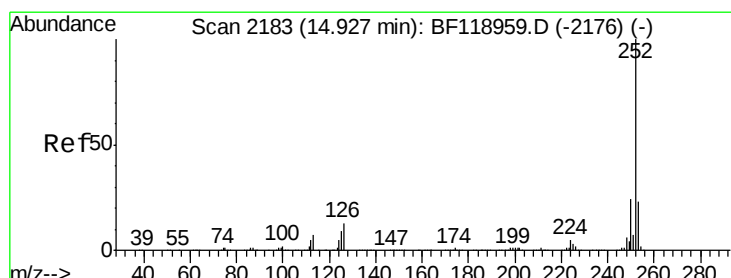
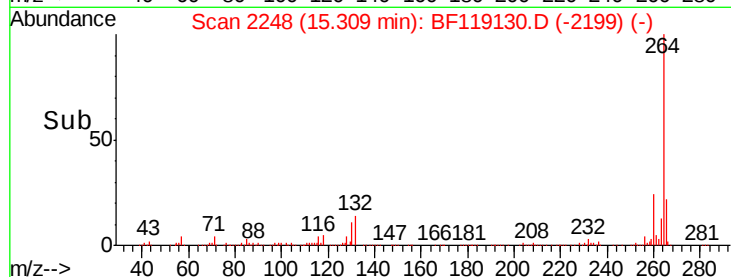
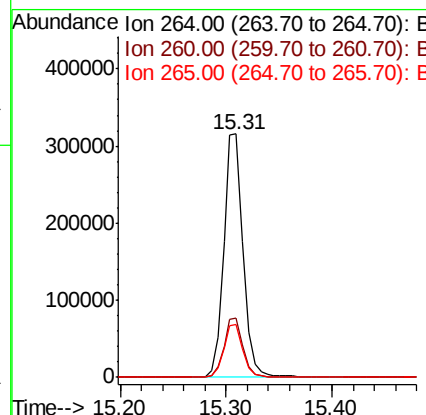
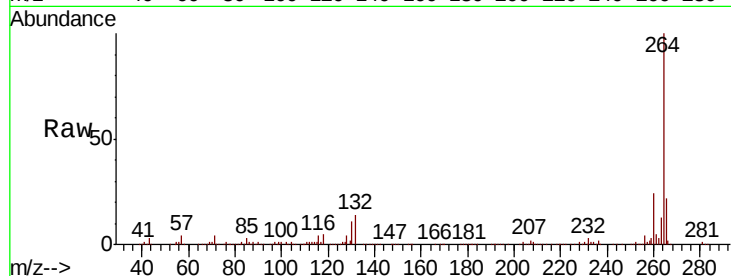




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

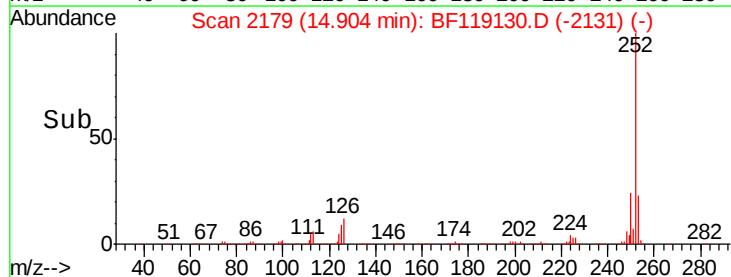
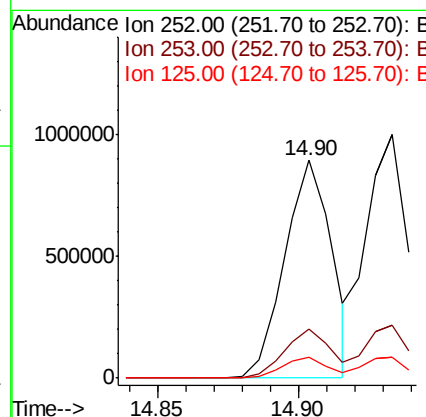
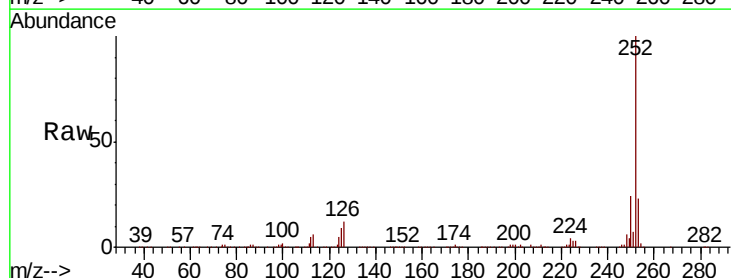
Instrument :
BNA_F
ClientSampleId :

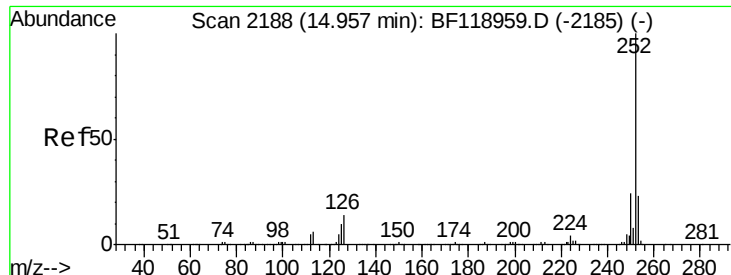
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.7	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 38.925 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.3	7.4	11.0

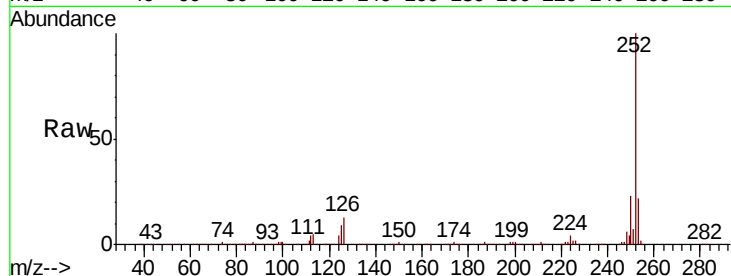




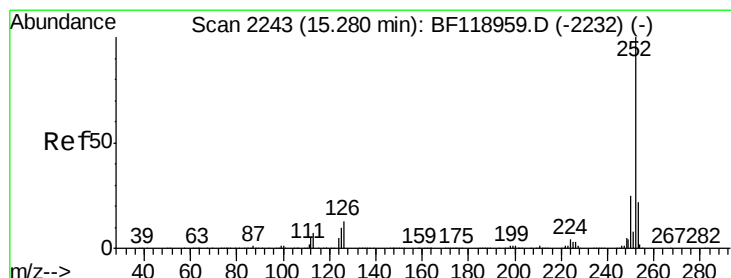
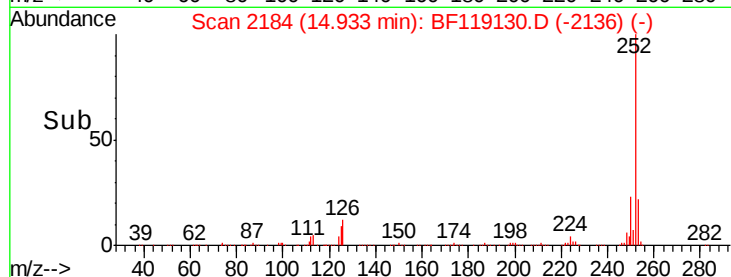
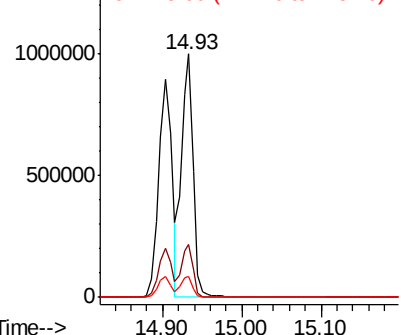
#89
Benzo(k)fluoranthene
Concen: 41.860 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1030487
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.6 7.5 11.3

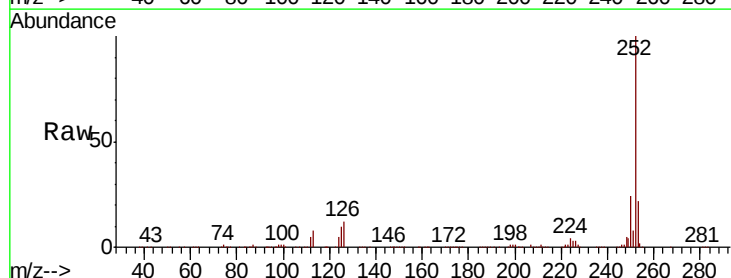


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

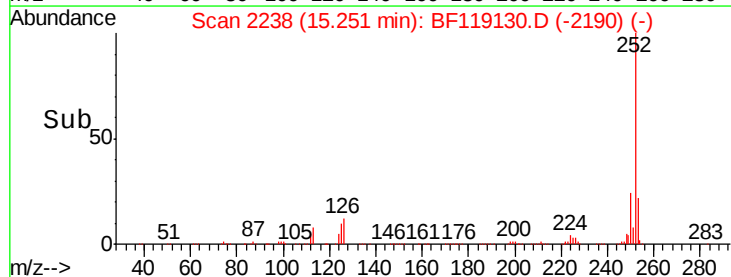
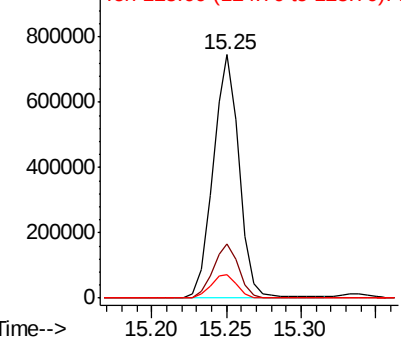


#90
Benzo(a)pyrene
Concen: 38.135 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119130.D
Acq: 28 Feb 2020 13:39

Tgt Ion:252 Resp: 914279
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.9 8.6 12.8



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





#91

Dibenzo(a,h)anthracene

Concen: 36.126 ng

RT: 16.71 min Scan# 2486

Delta R.T. -0.04 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

Instrument :

BNA_F

ClientSampleId :

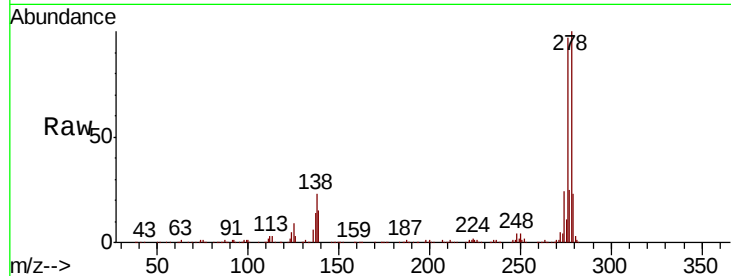
Tot Ion:278 Resp: 762083

Ion Ratio Lower Upper

278 100

139 14.8 11.0 16.4

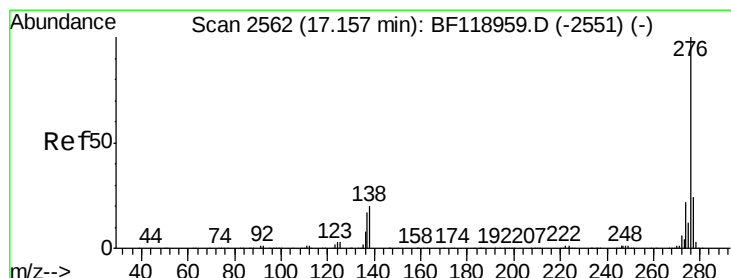
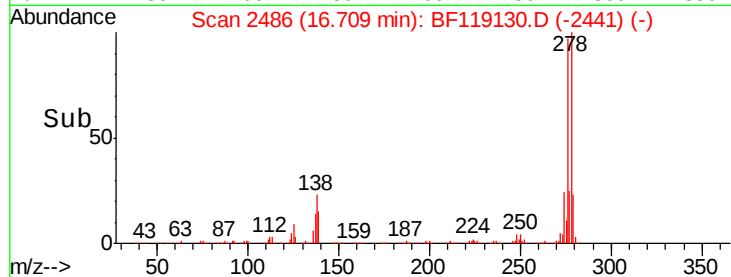
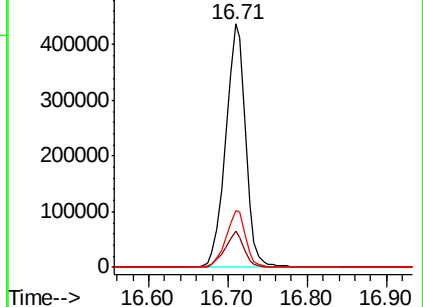
279 23.5 18.6 28.0



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: 34.732 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.04 min

Lab File: BF119130.D

Acq: 28 Feb 2020 13:39

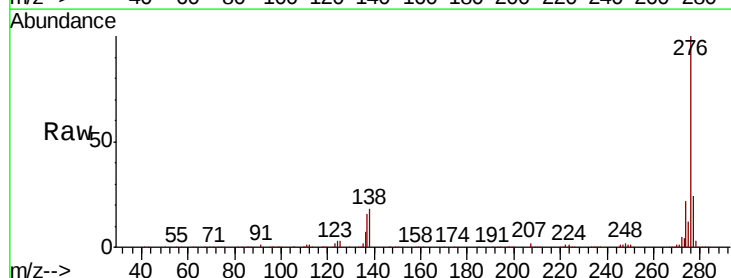
Tgt Ion:276 Resp: 723913

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 18.4 14.3 21.5



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

