

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119358.D
 Acq On : 11 Mar 2020 21:08
 Operator : CG/JU
 Sample : L1871-14MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:11:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107572	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	417970	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	237245	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	454091	20.00	ng	0.00
76) Chrysene-d12	13.89	240	309363	20.00	ng	0.00
87) Perylene-d12	15.32	264	301319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	725114	112.65	ng	0.00
7) Phenol-d6	6.38	99	854820	109.19	ng	0.00
23) Nitrobenzene-d5	7.29	82	589866	74.51	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	329659	106.22	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1181460	73.36	ng	-0.01
79) Terphenyl-d14	12.82	244	1534772	85.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	117869	41.128	ng	99
3) Pyridine	3.16	79	276850	35.372	ng	99
4) n-Nitrosodimethylamine	3.11	42	114673	48.365	ng	96
6) Aniline	6.39	93	317217	32.839	ng	89
8) 2-Chlorophenol	6.52	128	354453	51.025	ng	99
9) Benzaldehyde	6.27	77	240215	45.927	ng	98
10) Phenol	6.39	94	412267	48.709	ng	92
11) bis(2-Chloroethyl)ether	6.46	93	322541	49.804	ng	99
12) 1,3-Dichlorobenzene	6.66	146	389722	46.808	ng	96
13) 1,4-Dichlorobenzene	6.73	146	392958	47.164	ng	99
14) 1,2-Dichlorobenzene	6.89	146	359494	47.311	ng	99
15) Benzyl Alcohol	6.87	79	293314	51.842	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	256654	45.750	ng	# 22
17) 2-Methylphenol	6.99	107	281690	50.016	ng	# 91
18) Hexachloroethane	7.22	117	139492	46.797	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	242526	53.166	ng	97
20) 3+4-Methylphenols	7.15	107	379308	54.972	ng	87
22) Acetophenone	7.13	105	479487	49.581	ng	# 95
24) Nitrobenzene	7.30	77	371104	47.406	ng	96
25) Isophorone	7.55	82	669179	48.675	ng	98
26) 2-Nitrophenol	7.63	139	196777	47.442	ng	99
27) 2,4-Dimethylphenol	7.67	122	302280	53.698	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	406065	45.378	ng	99
29) 2,4-Dichlorophenol	7.87	162	316259	47.723	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	339811	43.248	ng	99
31) Naphthalene	8.02	128	1010194	46.603	ng	99
32) Benzoic acid	7.85	122	164475	41.150	ng	98
33) 4-Chloroaniline	8.09	127	166370	17.845	ng	98
34) Hexachlorobutadiene	8.14	225	212868	43.493	ng	98
35) Caprolactam	8.46	113	53757	26.344	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	335458	50.017	ng	100
37) 2-Methylnaphthalene	8.72	142	706365	48.422	ng	98
38) 1-Methylnaphthalene	8.82	142	657069	47.895	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	355714	44.470	ng	99

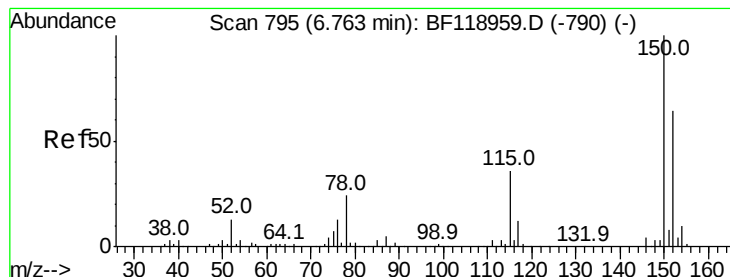
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119358.D
 Acq On : 11 Mar 2020 21:08
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	92832	37.534	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	220468	43.646	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	234879	44.312	nq	99
46) 1,1'-Biphenyl	9.18	154	859118	44.806	nq	98
47) 2-Chloronaphthalene	9.20	162	686212	44.411	nq	99
48) 2-Nitroaniline	9.31	65	200313	46.479	nq	97
49) Acenaphthylene	9.62	152	1041280	46.659	nq	98
50) Dimethylphthalate	9.48	163	951516	52.449	nq	99
51) 2,6-Dinitrotoluene	9.56	165	189571	47.033	nq	99
52) Acenaphthene	9.79	154	624106	46.379	nq	98
53) 3-Nitroaniline	9.73	138	98971	22.149	nq	99
54) 2,4-Dinitrophenol	9.85	184	122043	63.954	nq	# 87
55) Dibenzofuran	9.96	168	926392	46.123	nq	100
56) 4-Nitrophenol	9.92	139	143169	53.328	nq	96
57) 2,4-Dinitrotoluene	9.97	165	245162	46.927	nq	90
58) Fluorene	10.30	166	759724	48.677	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	206424	46.153	nq	98
60) Diethylphthalate	10.18	149	841014	49.193	nq	100
61) 4-Chlorophenyl-phenylether	10.29	204	398262	48.208	nq	99
62) 4-Nitroaniline	10.35	138	172101	37.646	nq	96
63) Azobenzene	10.46	77	749226	50.418	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	122459	44.567	nq	93
66) n-Nitrosodiphenylamine	10.42	169	692804	46.595	nq	100
67) 4-Bromophenyl-phenylether	10.78	248	264776	44.608	nq	98
68) Hexachlorobenzene	10.86	284	302228	44.164	nq	95
69) Atrazine	10.95	200	236545	45.534	nq	97
70) Pentachlorophenol	11.06	266	201228	72.997	nq	99
71) Phenanthrene	11.27	178	1132768	45.743	nq	98
72) Anthracene	11.32	178	1195891	48.332	nq	98
73) Carbazole	11.48	167	1027805	46.627	nq	99
74) Di-n-butylphthalate	11.80	149	1340710	50.224	nq	99
75) Fluoranthene	12.46	202	1206885	45.913	nq	99
77) Benzidine	12.58	184	664412	52.808	nq	98
78) Pyrene	12.69	202	1206357	48.562	nq	99
80) Butylbenzylphthalate	13.29	149	561428	53.699	nq	95
81) Benzo(a)anthracene	13.87	228	1005079	47.682	nq	98
82) 3,3'-Dichlorobenzidine	13.83	252	258389	31.568	nq	100
83) Chrysene	13.92	228	961393	45.773	nq	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	800797	60.627	nq	98
85) Di-n-octyl phthalate	14.46	149	1256111	59.687	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	992333	48.794	nq	100
88) Benzo(b)fluoranthene	14.91	252	896013	45.114	nq	99
89) Benzo(k)fluoranthene	14.94	252	897646	48.770	nq	99
90) Benzo(a)pyrene	15.26	252	799162	44.583	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	845701	53.620	nq	100
92) Benzo(g,h,i)perylene	17.16	276	827881	53.125	nq	99

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

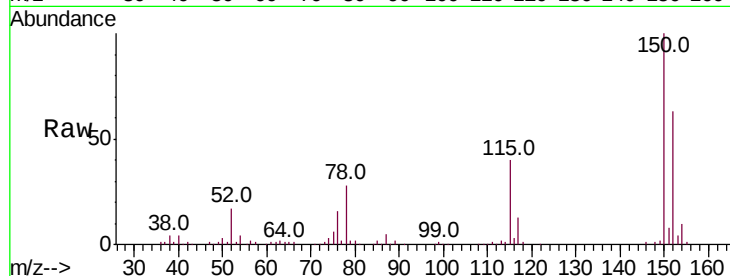


#1

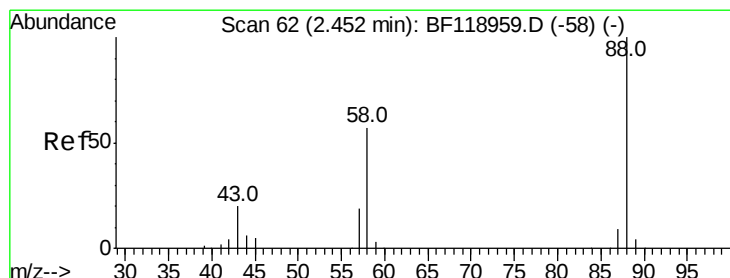
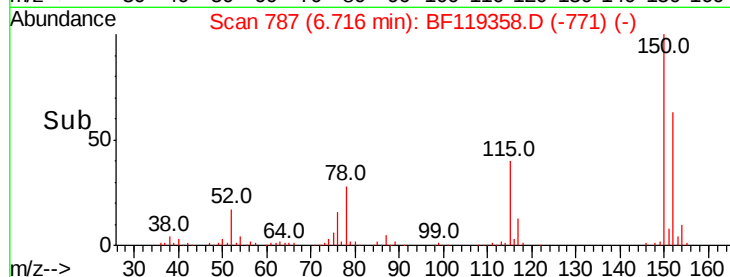
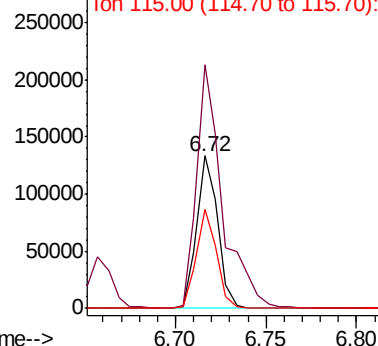
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.0	184.6
115	64.8	49.5	74.3



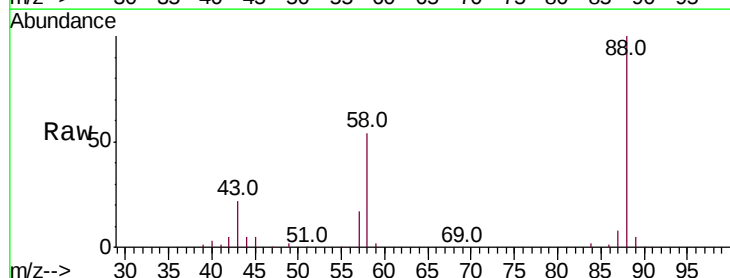
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



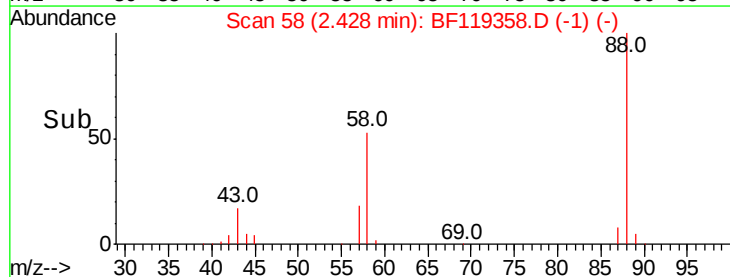
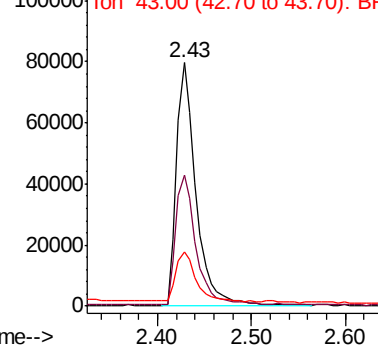
#2

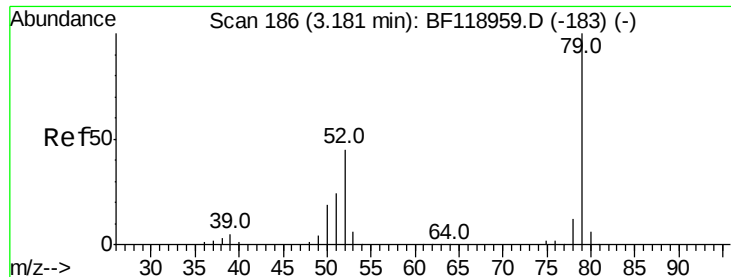
1,4-Dioxane
Concen: 41.128 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.2	43.8	65.6
43	21.7	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: 35.372 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.06 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

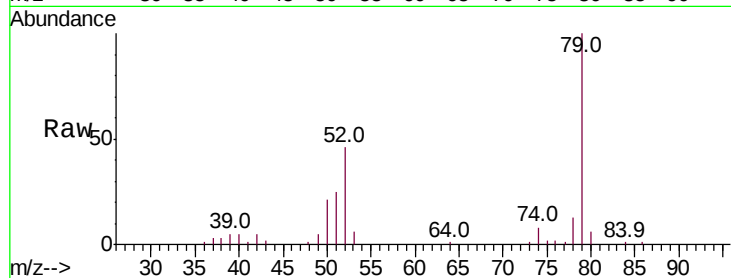
Tot Ion: 79 Resp: 276850

Ion Ratio Lower Upper

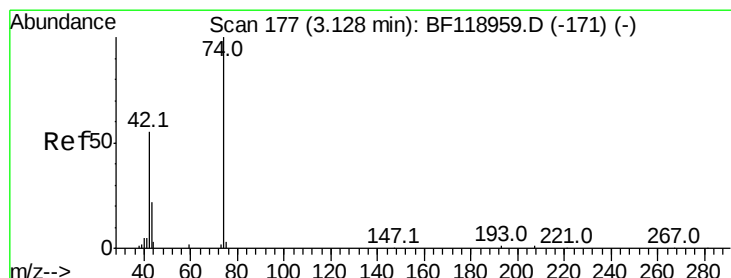
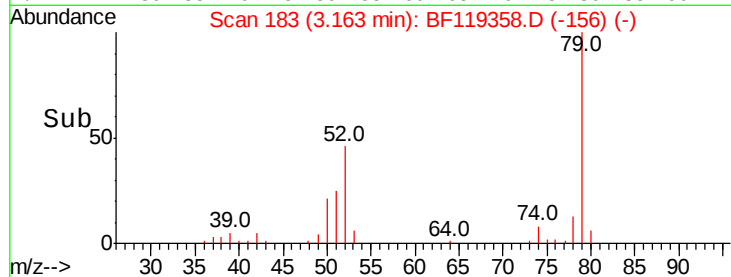
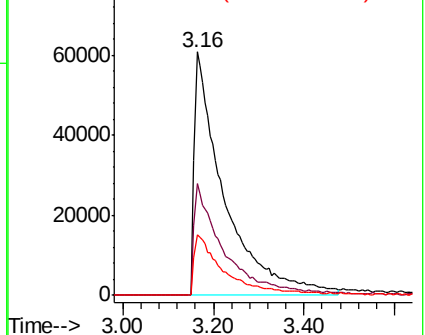
79 100

52 45.9 37.4 56.0

51 24.9 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: 48.365 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.05 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

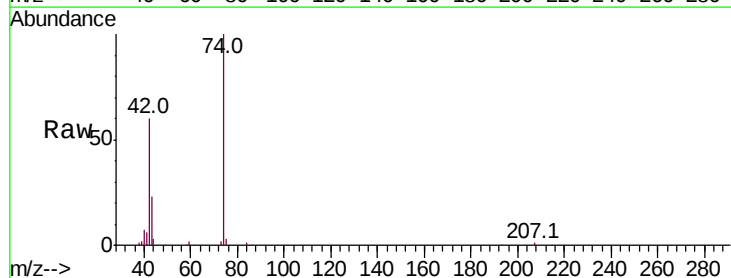
Tgt Ion: 42 Resp: 114673

Ion Ratio Lower Upper

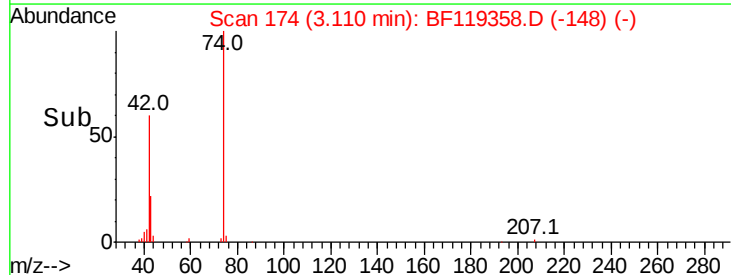
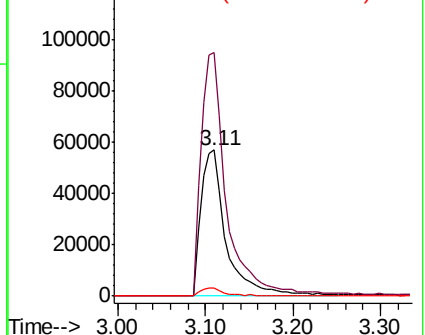
42 100

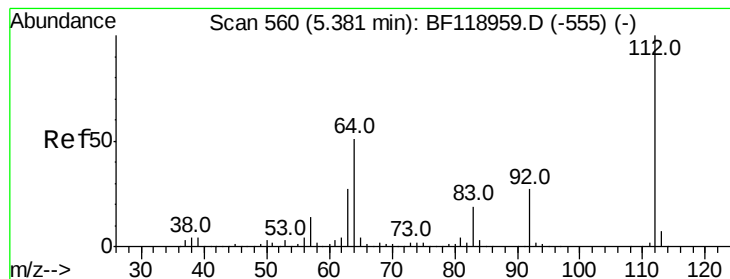
74 166.9 137.7 206.5

44 5.7 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: 112.650 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF119358.D

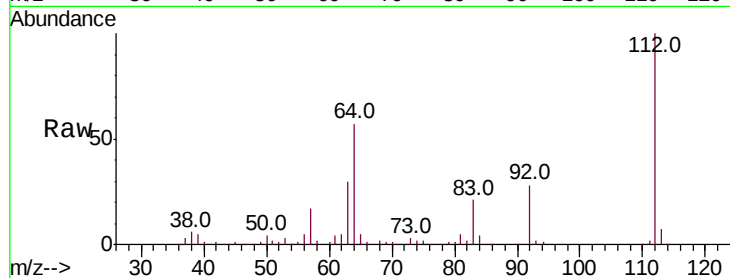
Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampled :

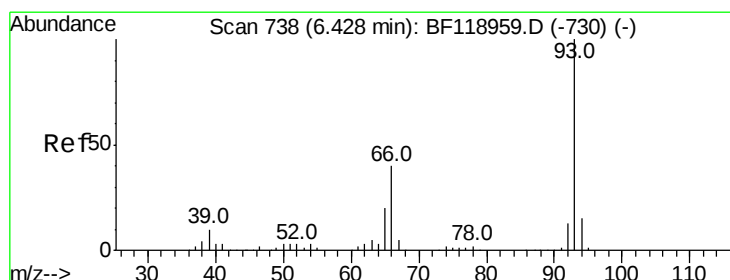
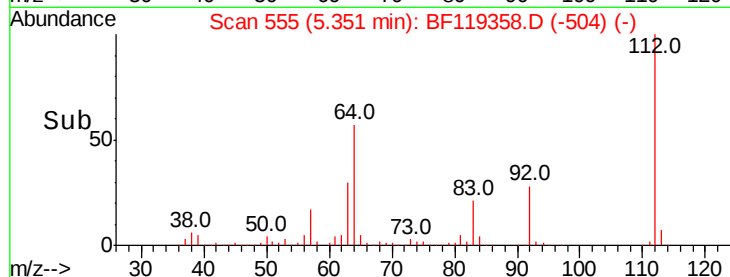
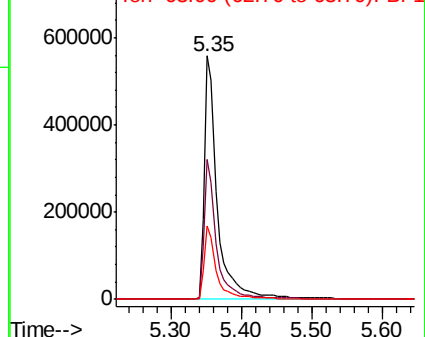
Tot Ion:	112	Resp:	725114
Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.0	67.4
63	30.3	24.2	36.4



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: 32.839 ng

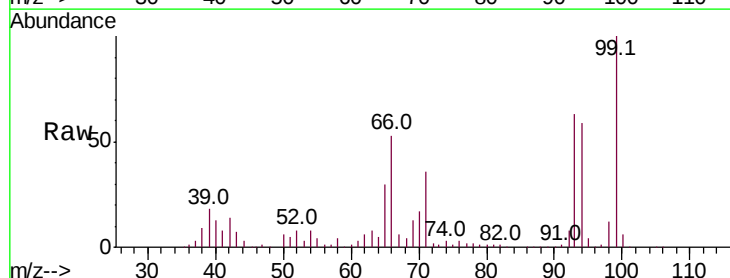
RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

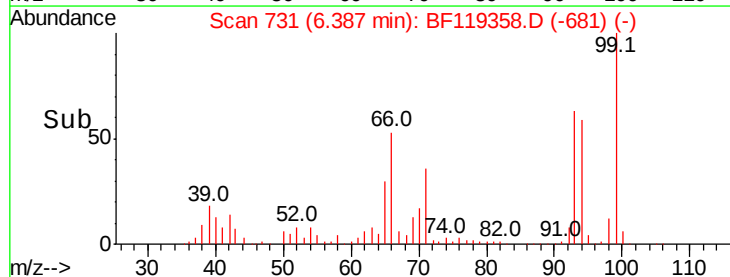
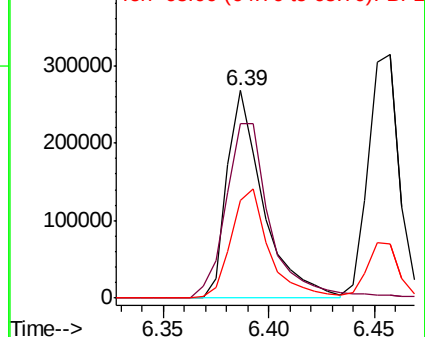
Tgt Ion:	93	Resp:	317217
Ion	Ratio	Lower	Upper
93	100		
66	84.4	74.5	111.7
65	47.0	45.3	67.9

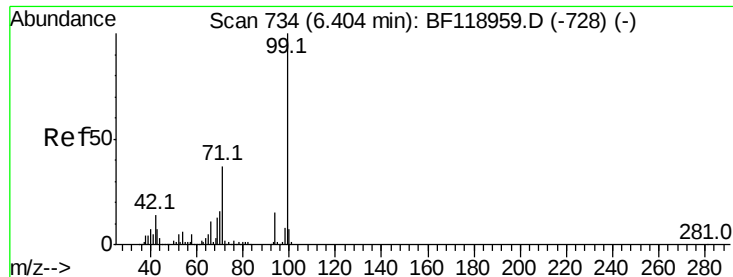


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.194 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

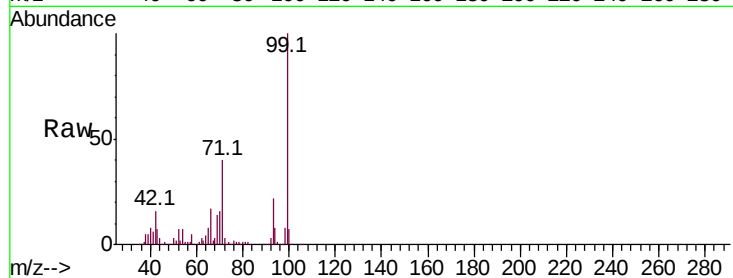
Tot Ion: 99 Resp: 854820

Ion Ratio Lower Upper

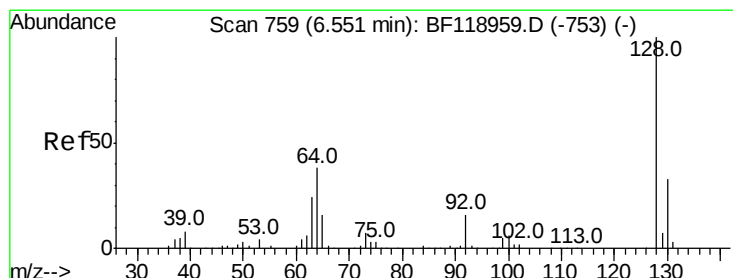
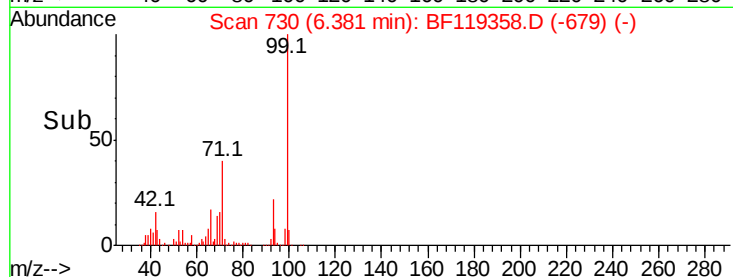
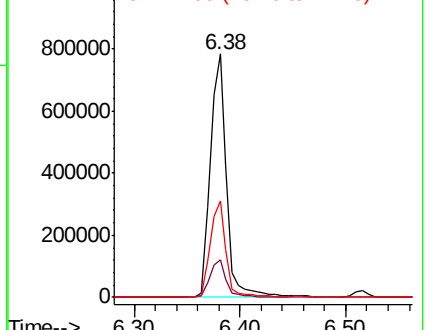
99 100

42 15.7 12.6 18.8

71 39.7 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: 51.025 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

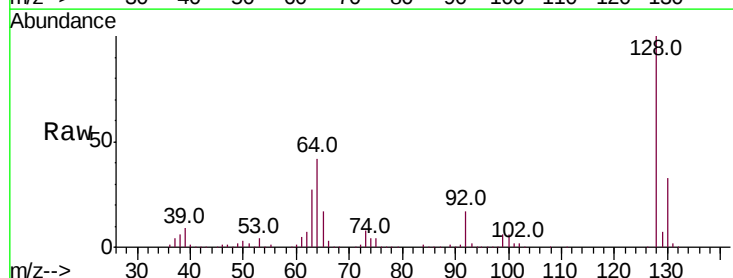
Tgt Ion:128 Resp: 354453

Ion Ratio Lower Upper

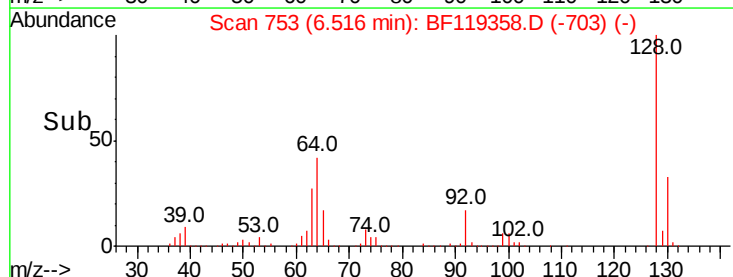
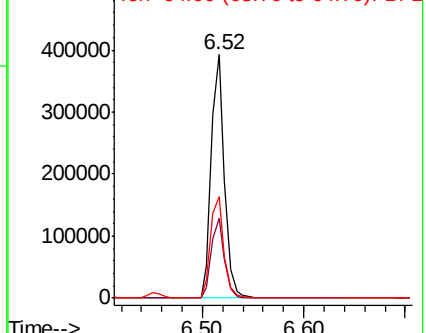
128 100

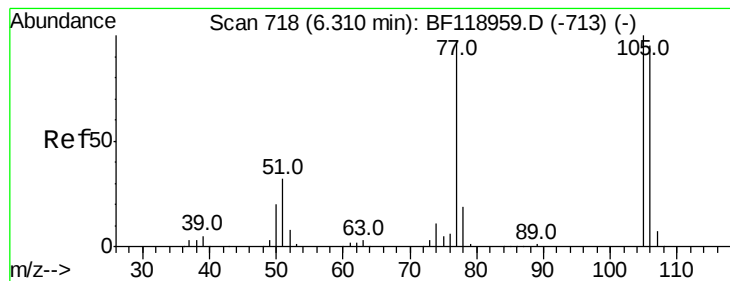
130 32.6 12.7 52.7

64 41.6 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: 45.927 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampled :

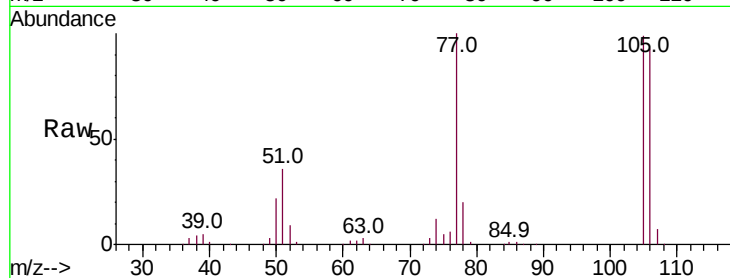
Tot Ion: 77 Resp: 240215

Ion Ratio Lower Upper

77 100

105 98.8 80.1 120.1

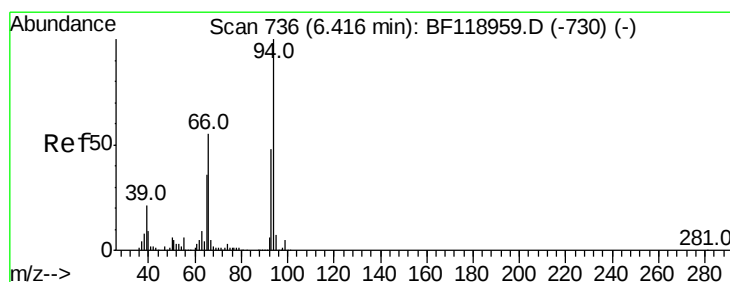
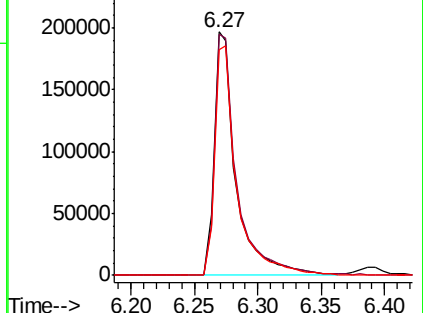
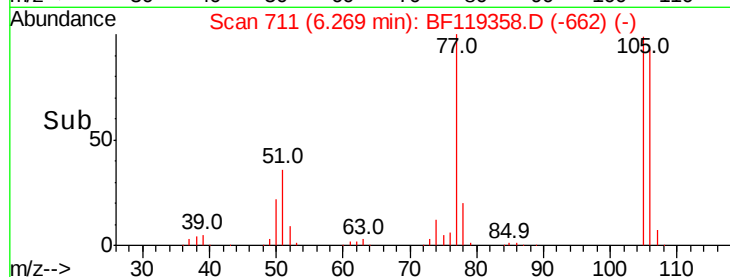
106 92.9 75.9 115.9



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: 48.709 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

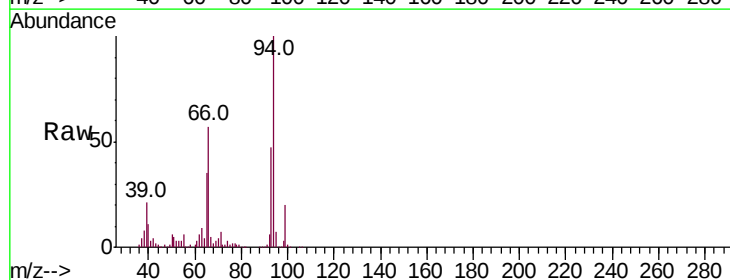
Tgt Ion: 94 Resp: 412267

Ion Ratio Lower Upper

94 100

65 35.4 19.2 59.2

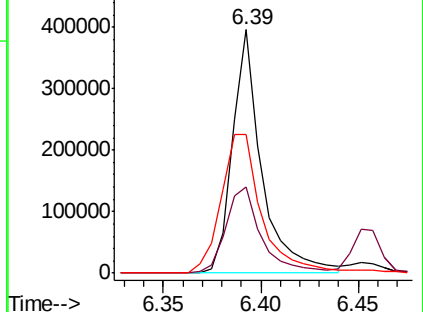
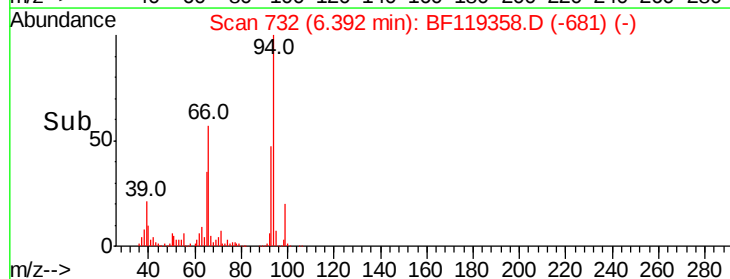
66 56.8 44.4 84.4

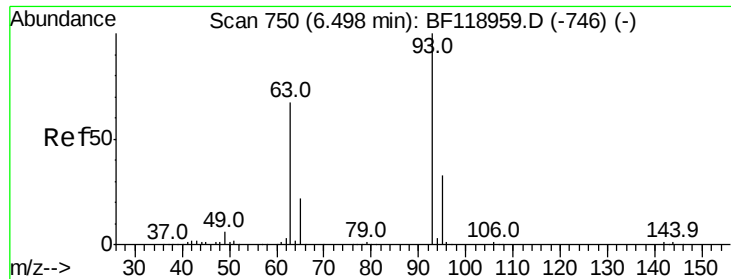


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 49.804 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

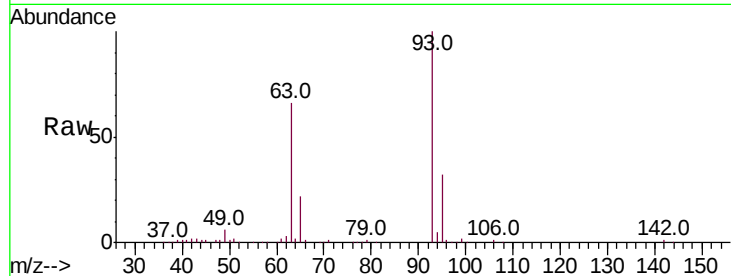
Tot Ion: 93 Resp: 322541

Ion Ratio Lower Upper

93 100

63 65.7 45.4 85.4

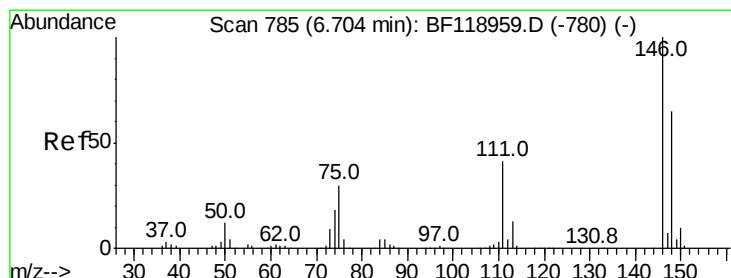
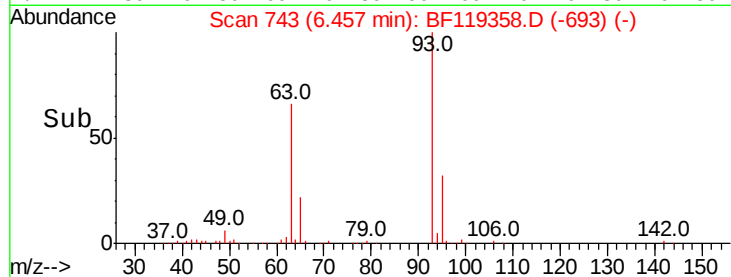
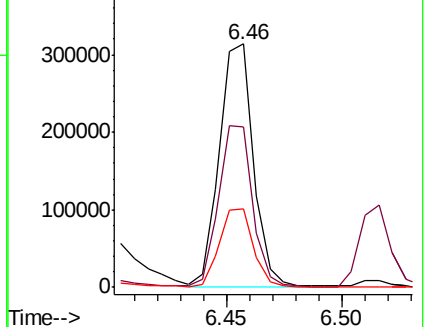
95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 46.808 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

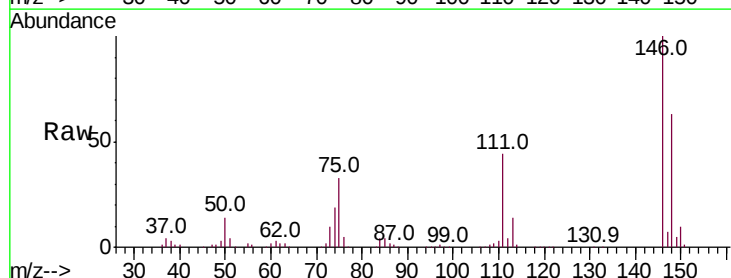
Tgt Ion: 146 Resp: 389722

Ion Ratio Lower Upper

146 100

148 63.3 52.5 78.7

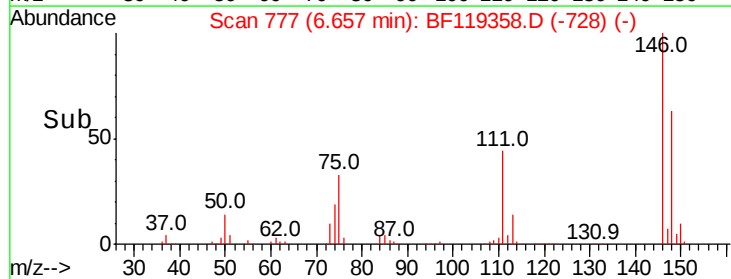
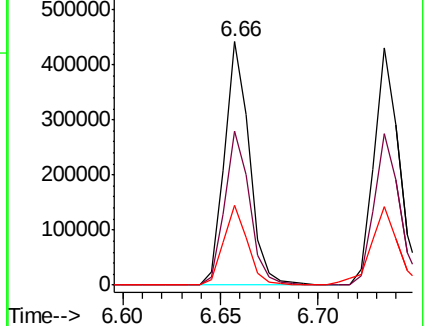
75 32.5 23.6 35.4

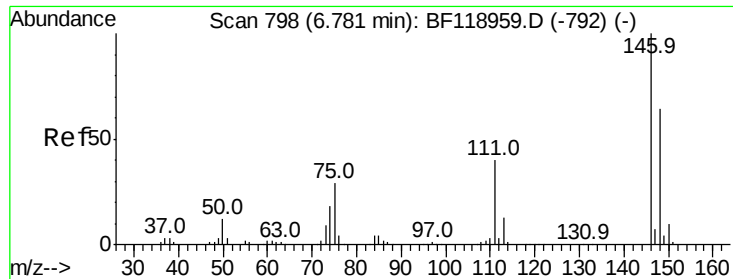


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

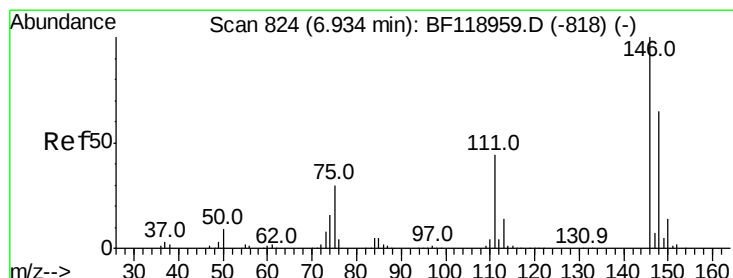
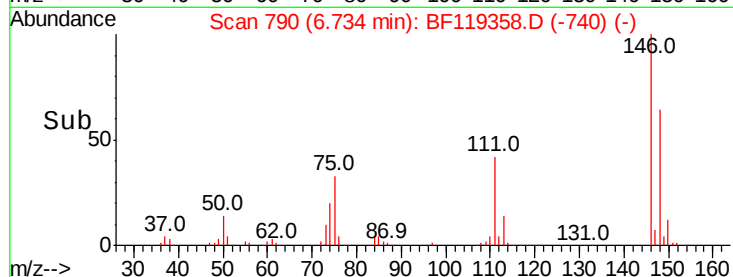
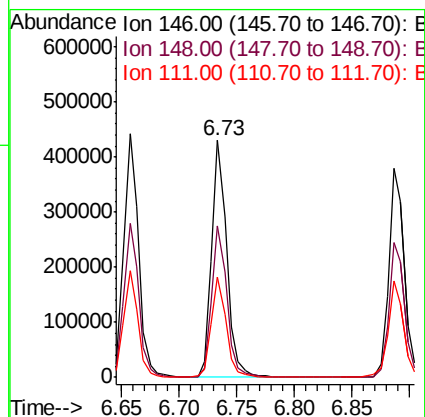
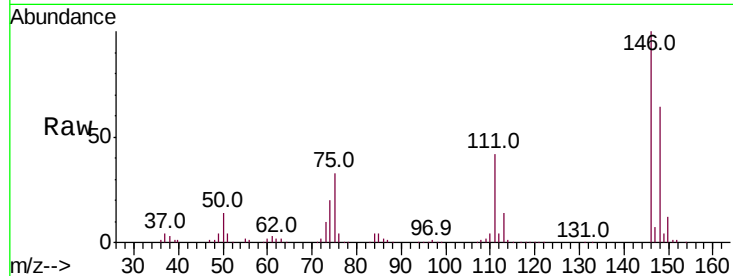




#13
 1,4-Dichlorobenzene
 Concen: 47.164 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

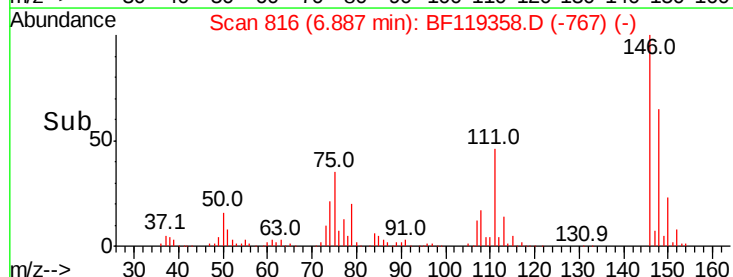
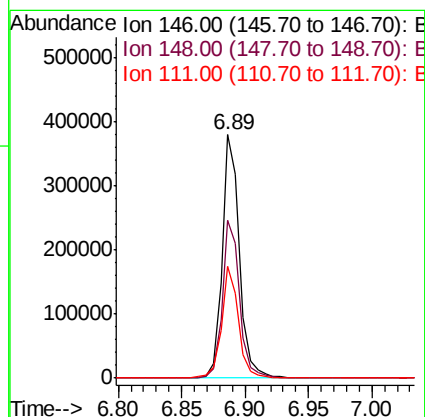
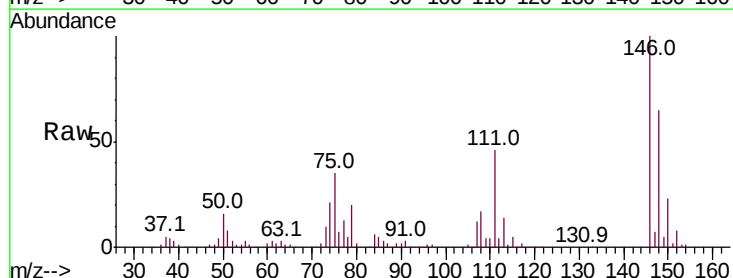
Instrument :
 BNA_F
 ClientSampled :

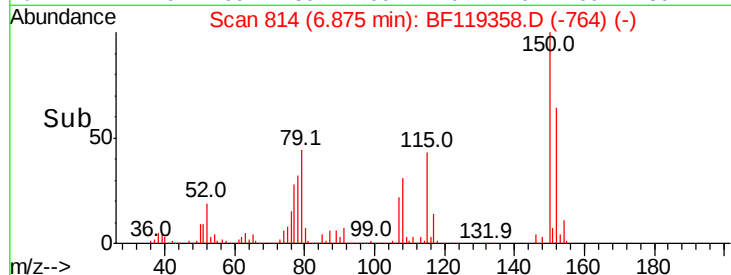
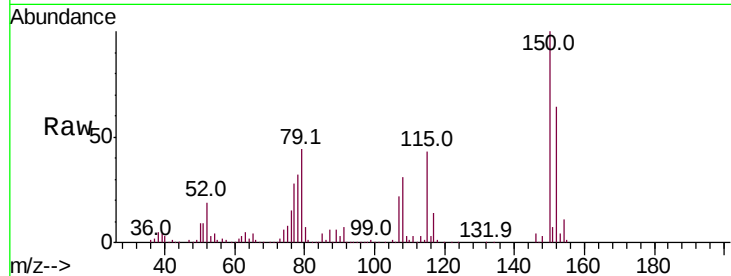
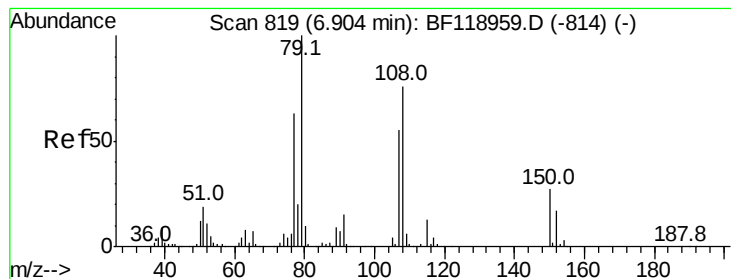
Tot Ion:146 Resp: 392958
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 42.4 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 47.311 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Tgt Ion:146 Resp: 359494
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.9 77.9
 111 46.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 51.842 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

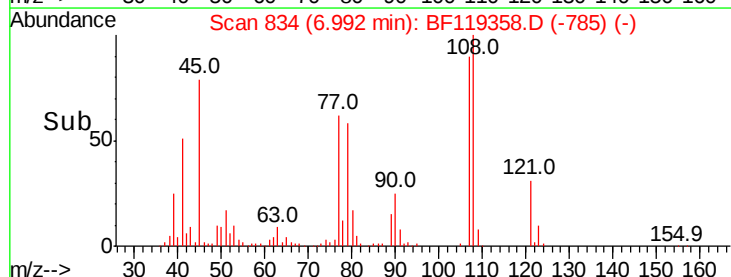
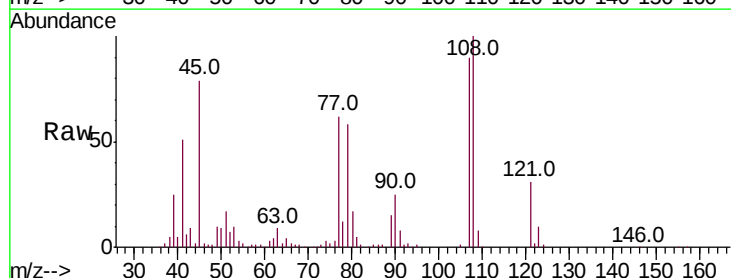
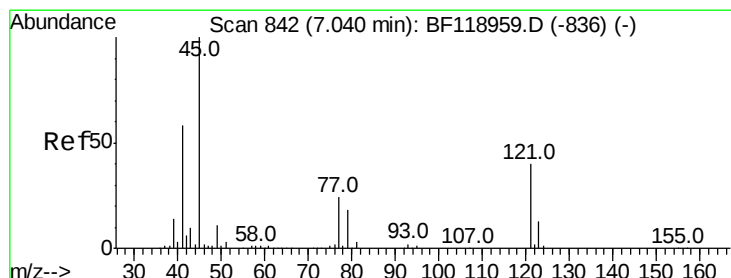
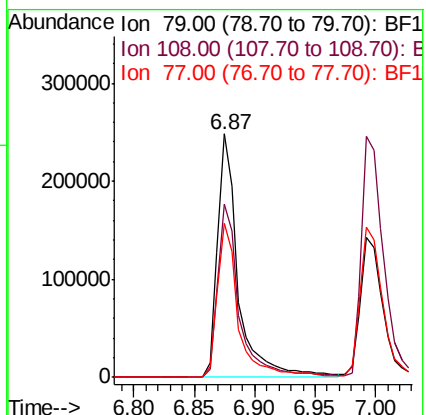
Tot Ion: 79 Resp: 293314

Ion Ratio Lower Upper

79 100

108 71.0 58.2 87.2

77 63.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.750 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

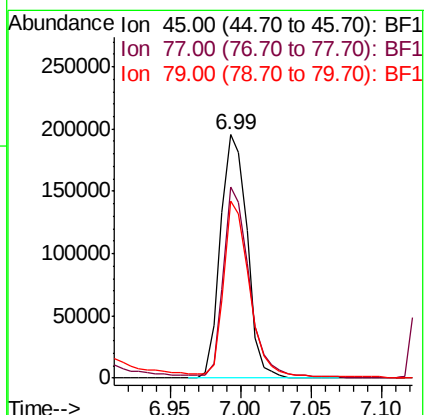
Tgt Ion: 45 Resp: 256654

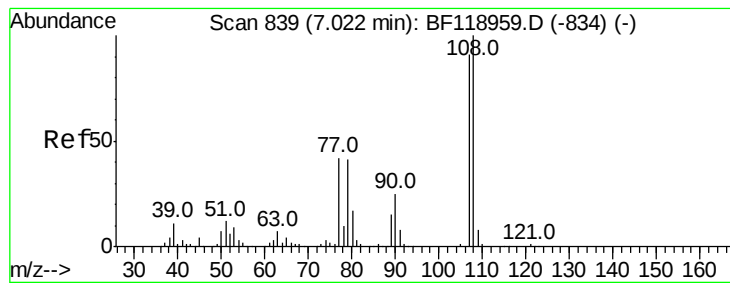
Ion Ratio Lower Upper

45 100

77 78.4 15.0 55.0#

79 72.8 9.4 49.4#

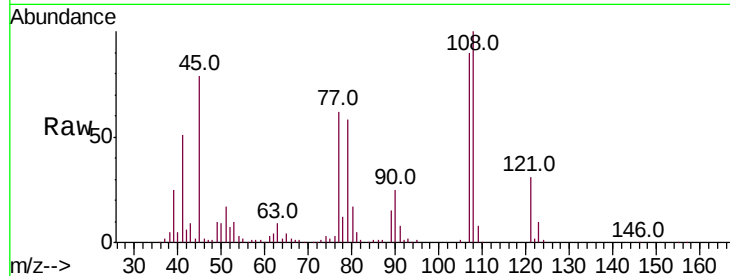




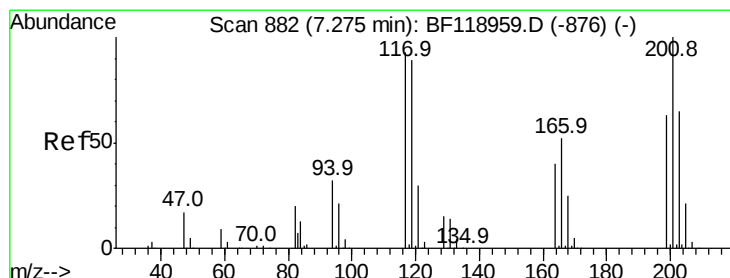
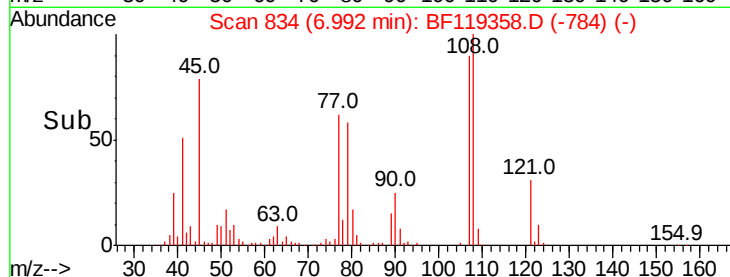
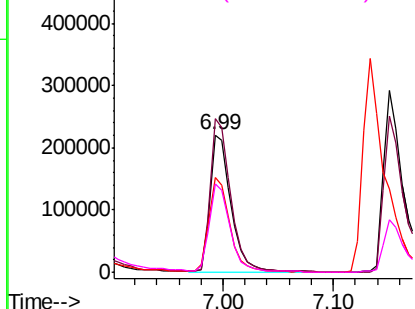
#17
2-Methylphenol
Concen: 50.016 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 281690
Ion Ratio Lower Upper
107 100
108 111.5 87.9 131.9
77 69.4 45.3 67.9#
79 64.5 43.0 64.4#

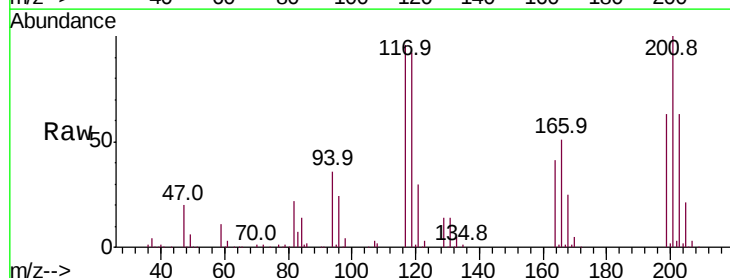


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

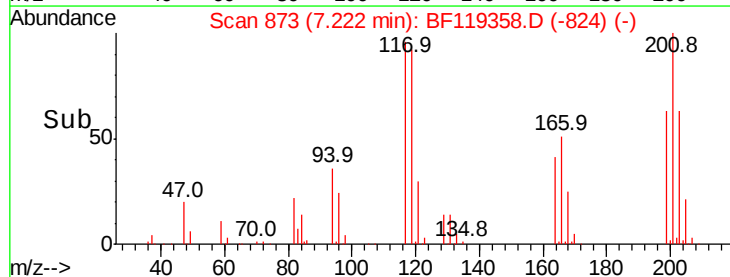
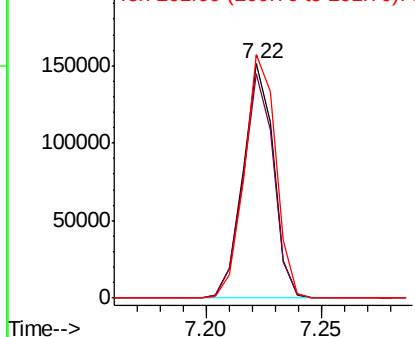


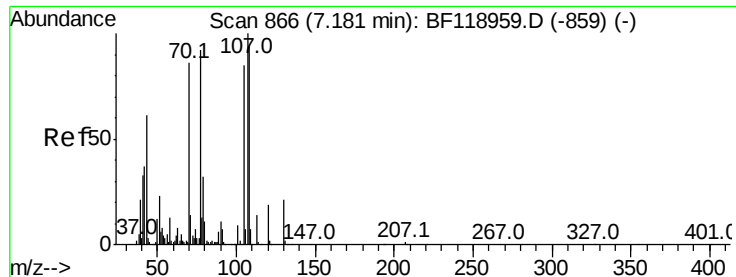
#18
Hexachloroethane
Concen: 46.797 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:117 Resp: 139492
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 103.9 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

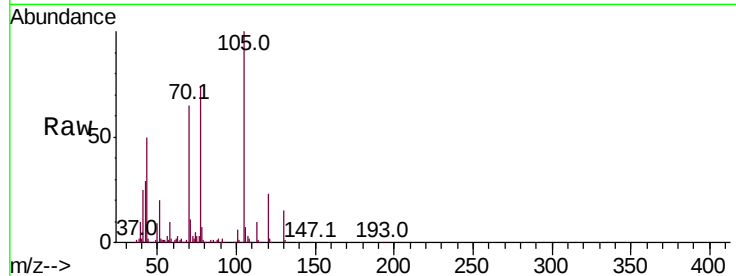




#19
n-Nitroso-di-n-propylamine
Concen: 53.166 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.3	38.0	57.0
101	9.9	8.2	12.4
130	22.6	18.2	27.4



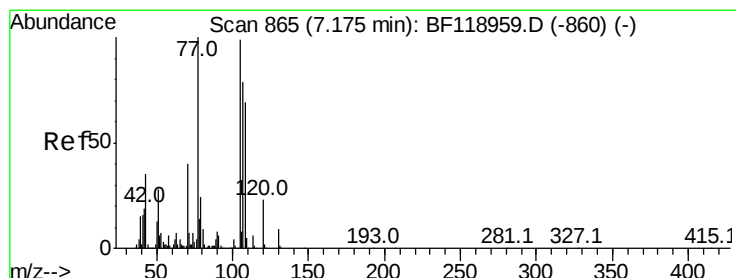
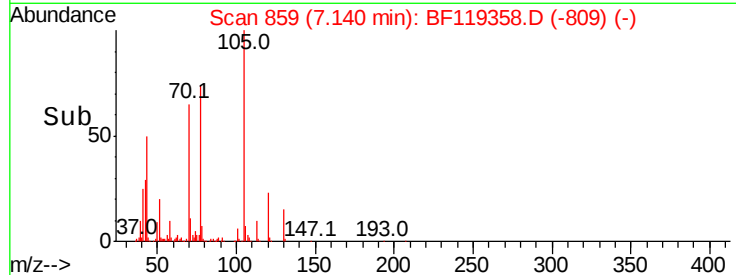
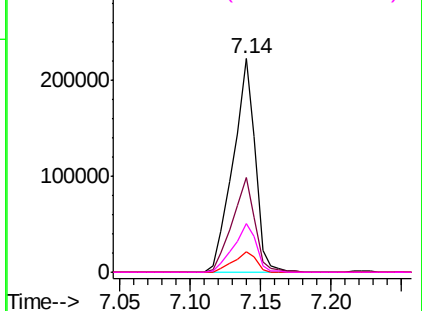
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

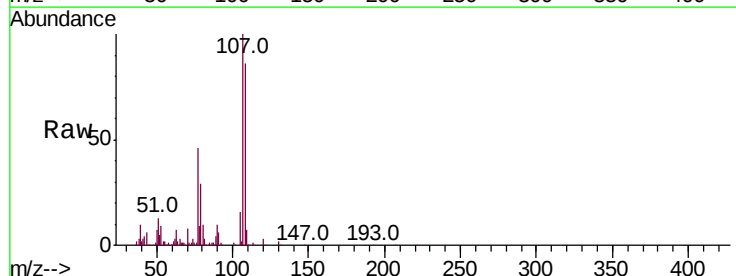
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 54.972 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.5	111.5
77	46.0	45.9	85.9
79	28.6	13.8	53.8



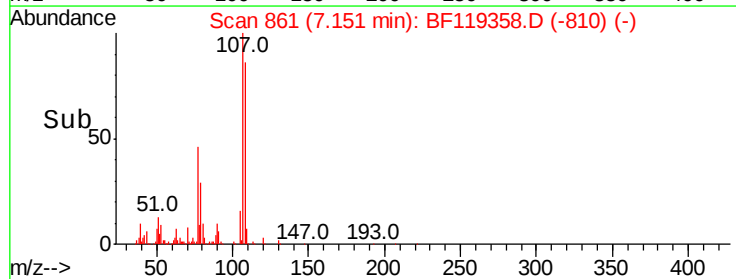
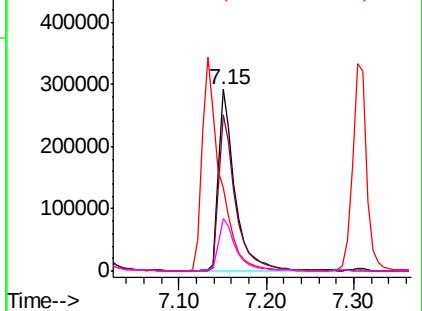
Abundance

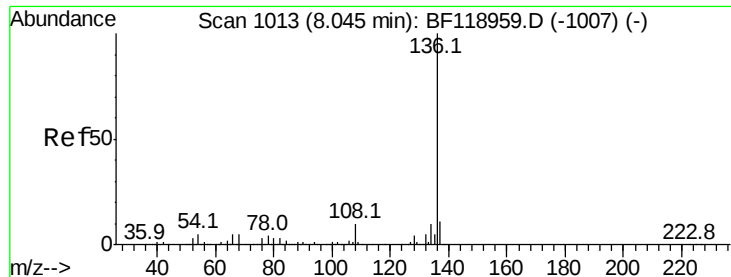
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

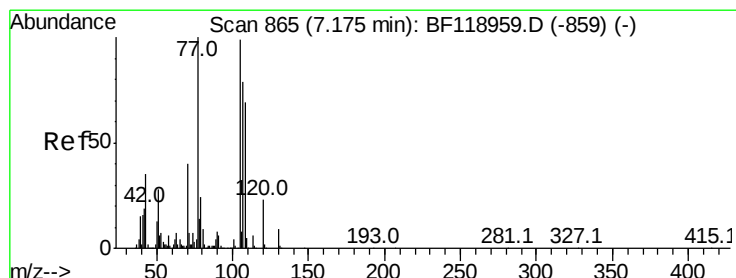
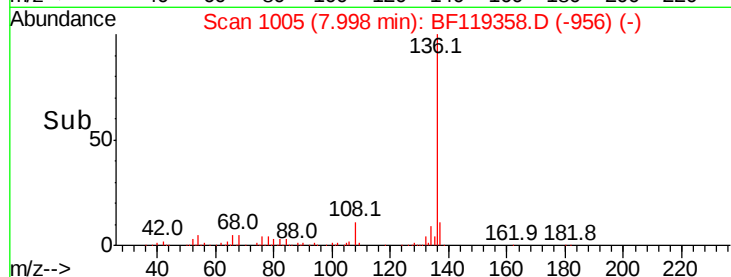
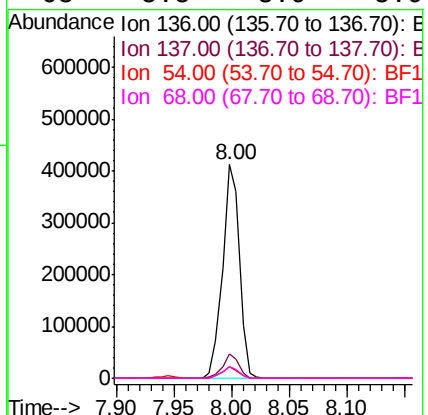
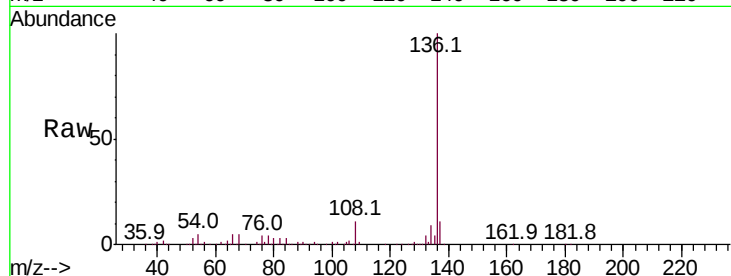




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

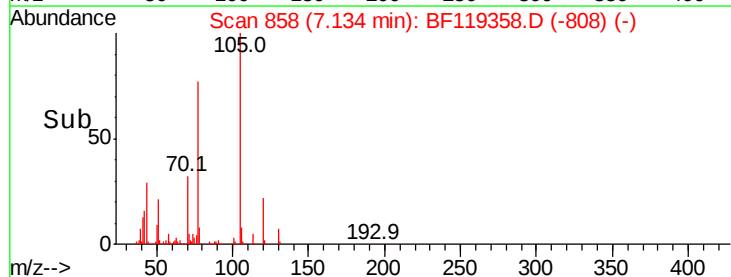
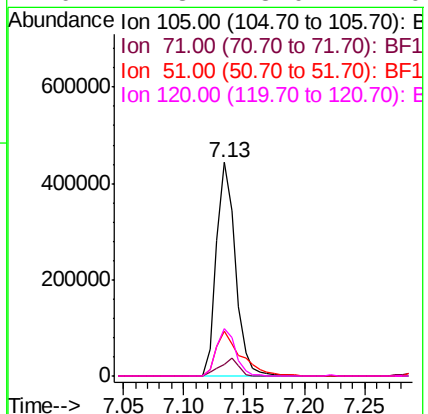
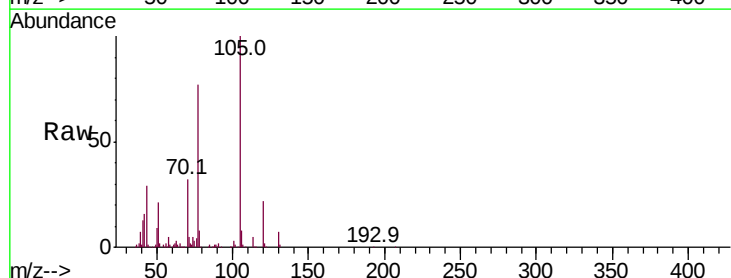
Instrument :
BNA_F
ClientSampleId :

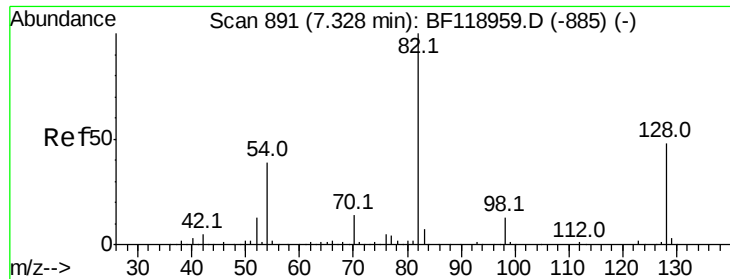
Tot Ion:	136	Resp:	417970
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.3	3.8	5.6
68	5.5	3.9	5.9



#22
Acetophenone
Concen: 49.581 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:	105	Resp:	479487
Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.0	4.4#
51	20.8	20.1	30.1
120	22.3	18.0	27.0

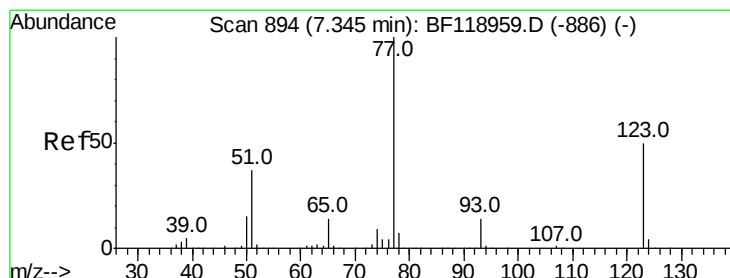
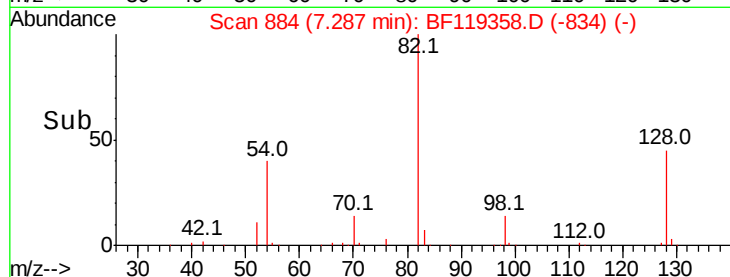
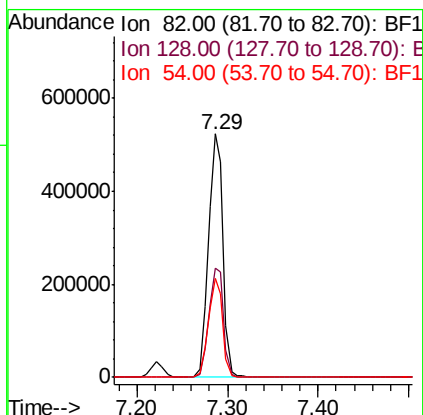
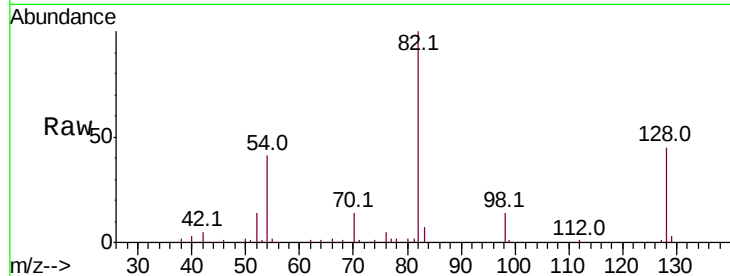




#23
Nitrobenzene-d5
Concen: 74.515 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

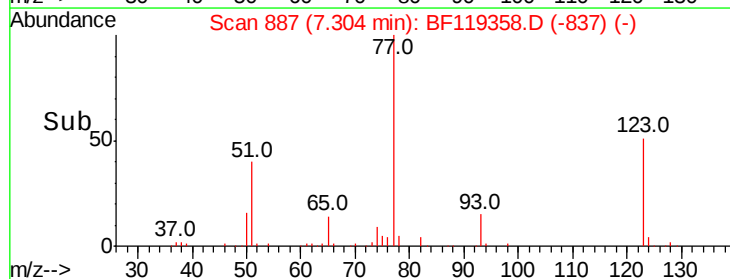
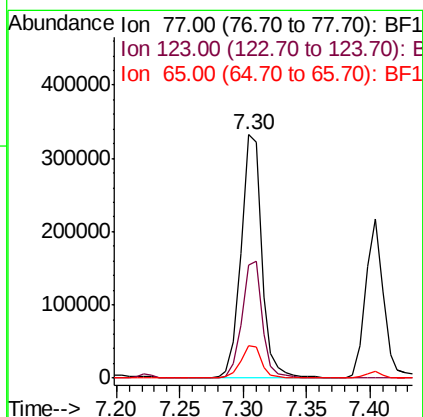
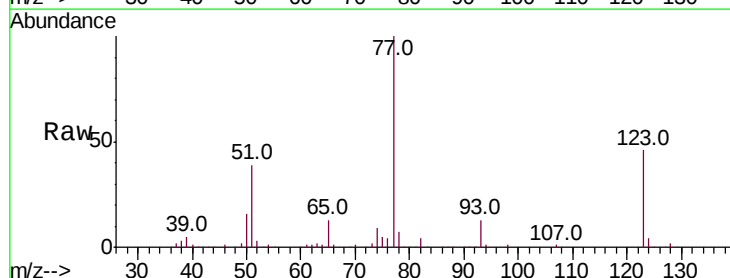
Instrument :
BNA_F
ClientSampleId :

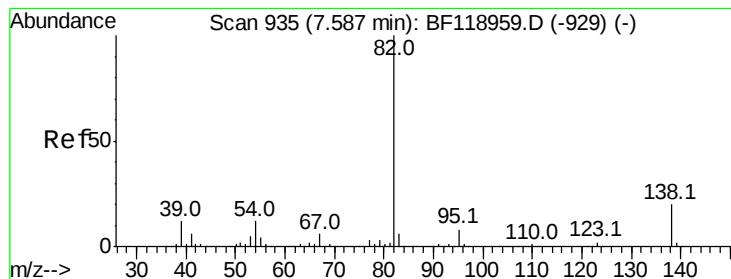
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.9	56.9
54	40.9	33.4	50.2



#24
Nitrobenzene
Concen: 47.406 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 48.675 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

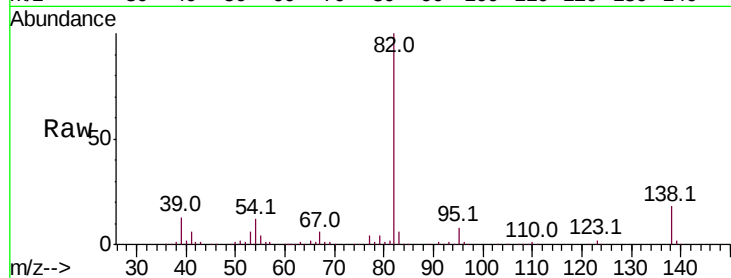
Tot Ion: 82 Resp: 669179

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

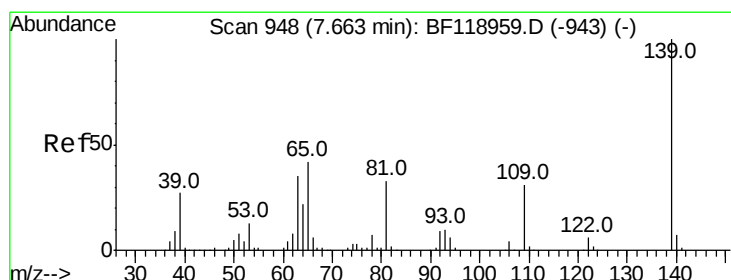
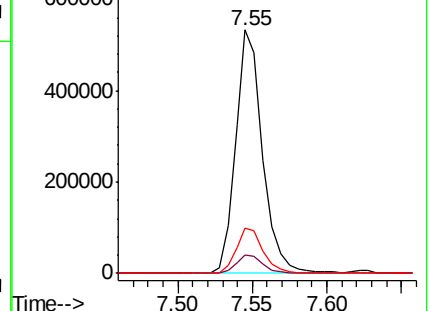
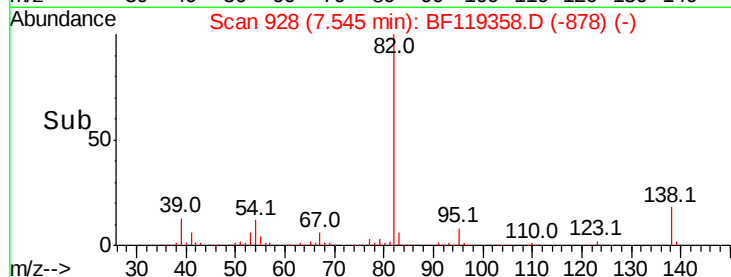
138 18.4 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.442 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

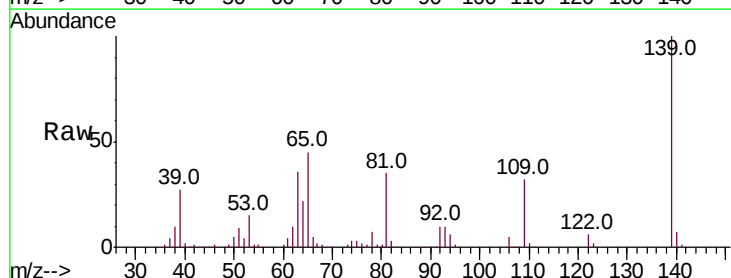
Tgt Ion: 139 Resp: 196777

Ion Ratio Lower Upper

139 100

109 31.6 25.7 38.5

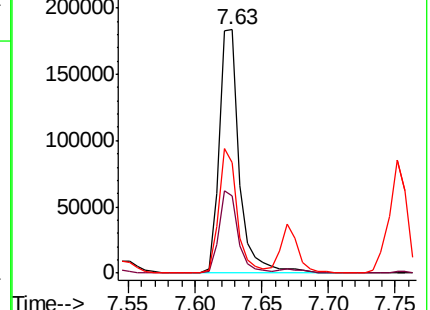
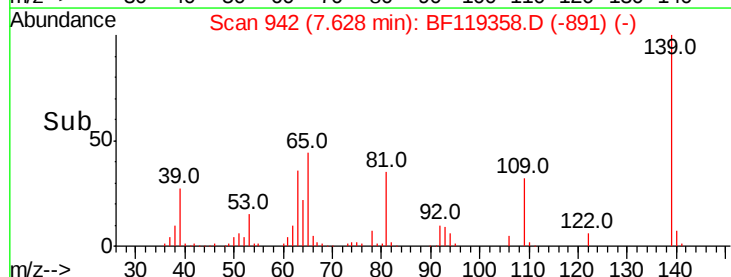
65 45.3 37.1 55.7

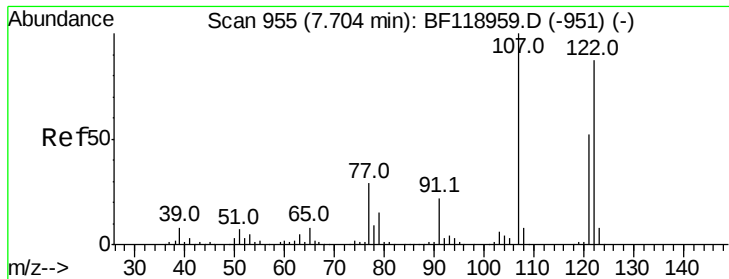


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

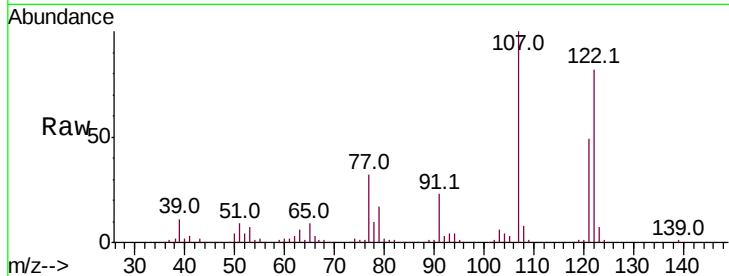




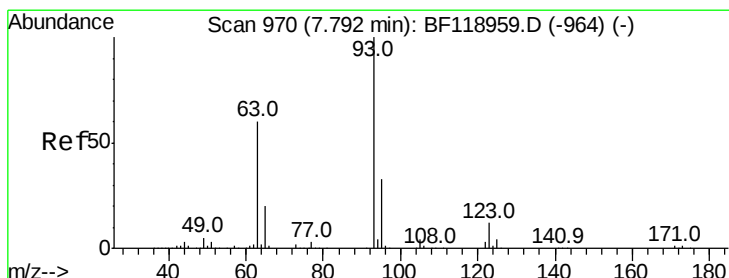
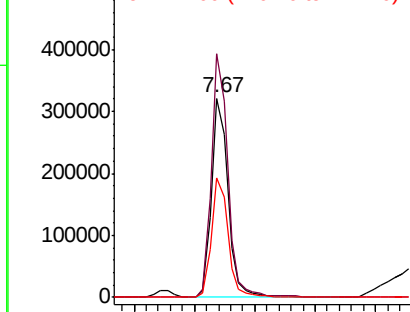
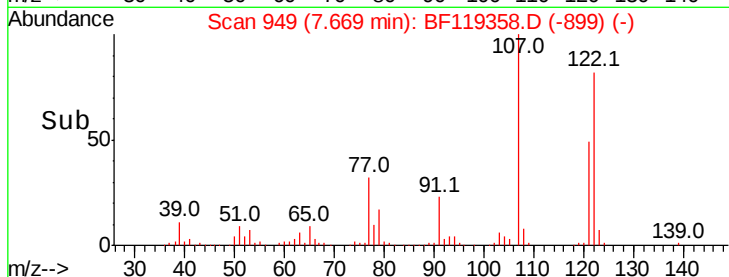
#27
2,4-Dimethylphenol
Concen: 53.698 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 302280
Ion Ratio Lower Upper
122 100
107 122.2 93.8 140.6
121 60.2 48.2 72.2

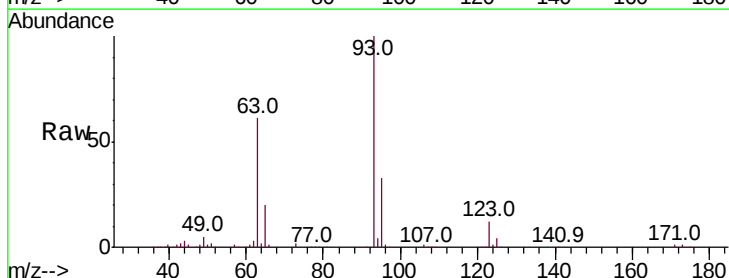


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

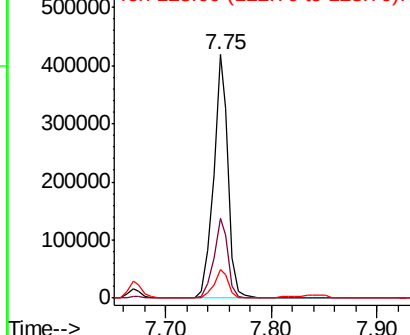
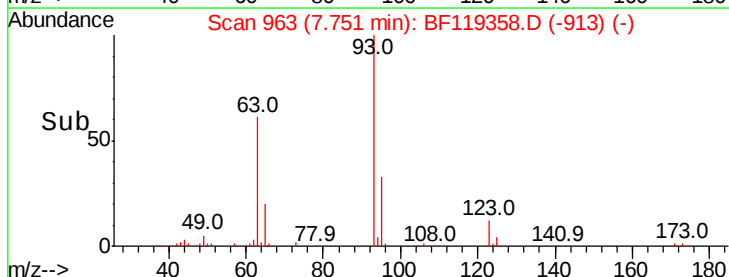


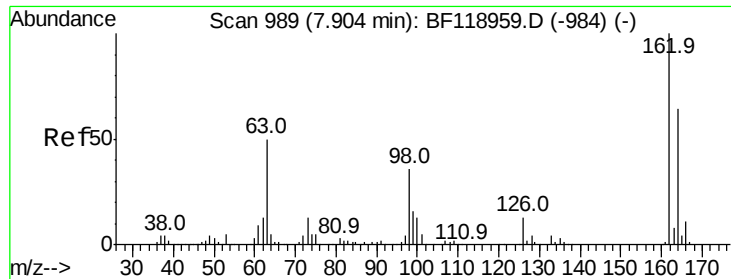
#28
bis(2-Chloroethoxy)methane
Concen: 45.378 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion: 93 Resp: 406065
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.9 10.2 15.2



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

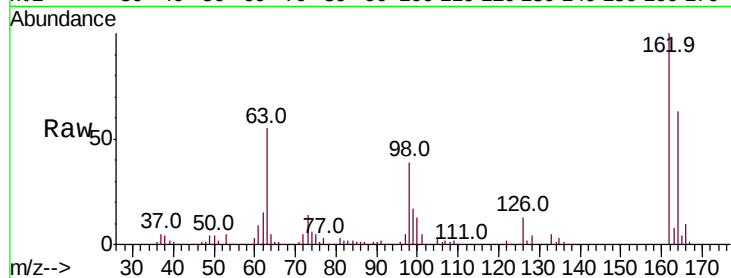




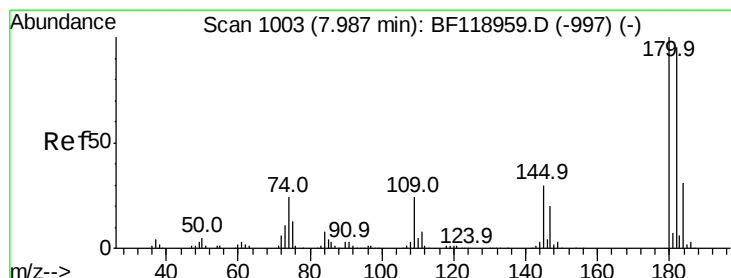
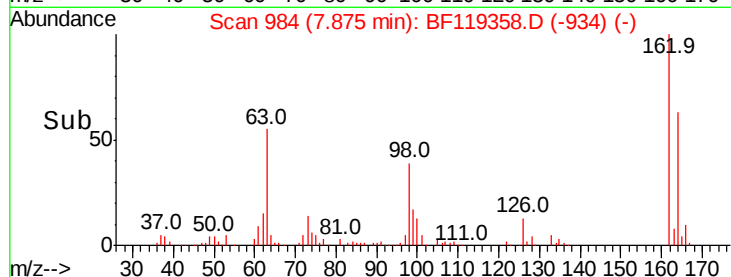
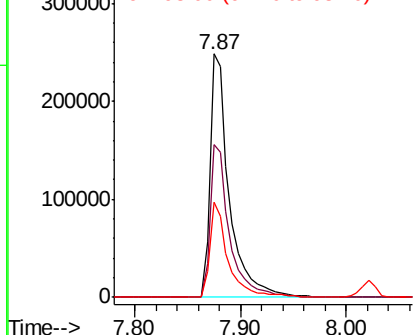
#29
2,4-Dichlorophenol
Concen: 47.723 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 316259
Ion Ratio Lower Upper
162 100
164 62.9 45.2 85.2
98 38.9 17.4 57.4

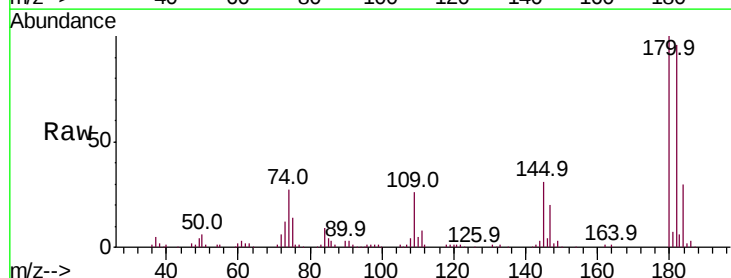


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

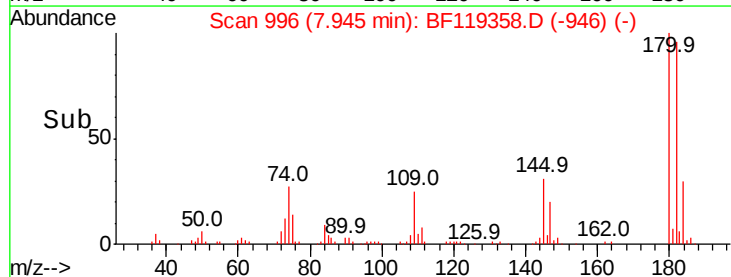
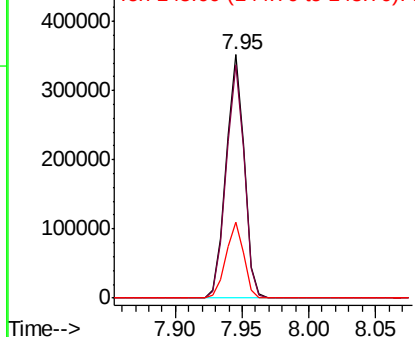


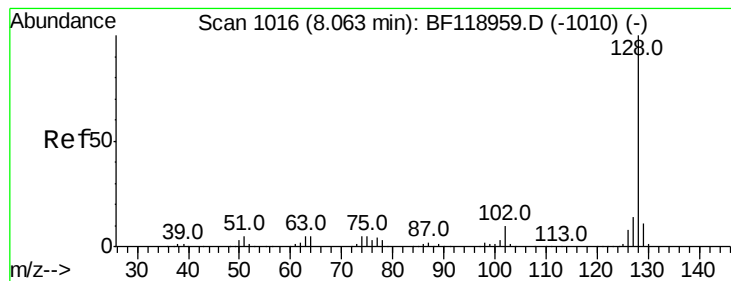
#30
1,2,4-Trichlorobenzene
Concen: 43.248 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:180 Resp: 339811
Ion Ratio Lower Upper
180 100
182 95.6 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: 46.603 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

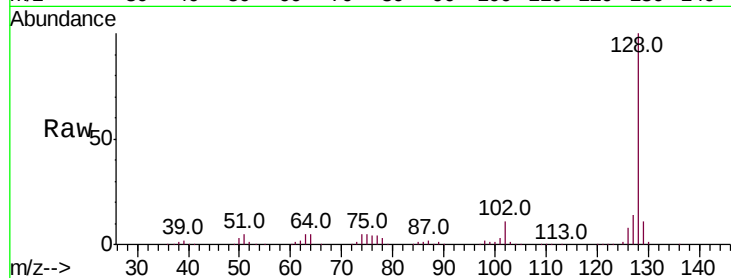
Tot Ion:128 Resp: 1010194

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

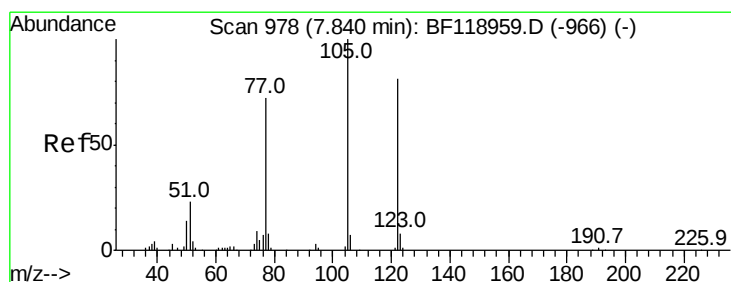
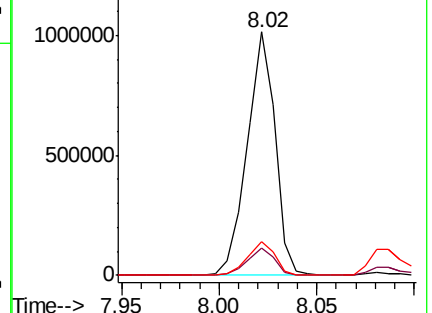
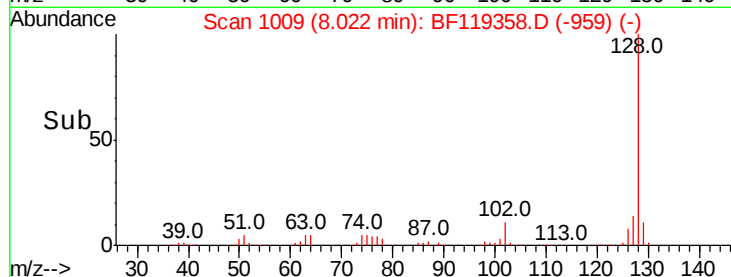
127 13.6 11.4 17.2



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: 41.150 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

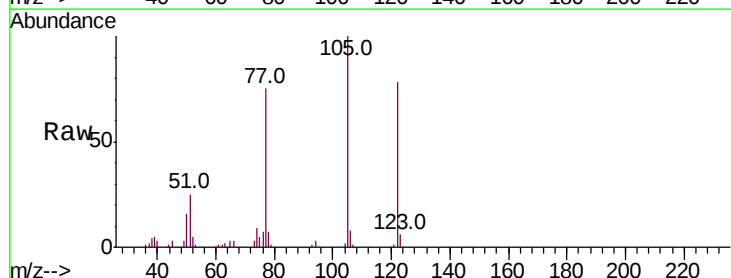
Tgt Ion:122 Resp: 164475

Ion Ratio Lower Upper

122 100

105 127.4 106.3 146.3

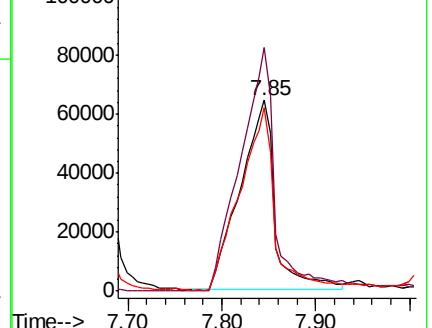
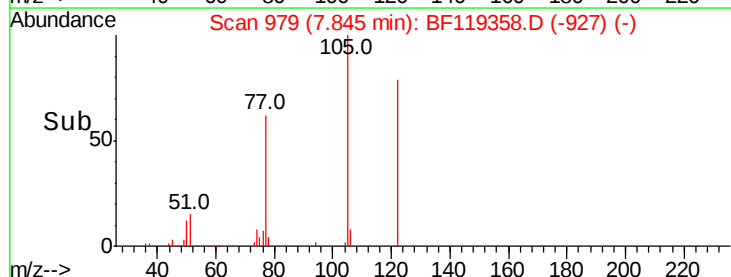
77 95.9 73.1 113.1

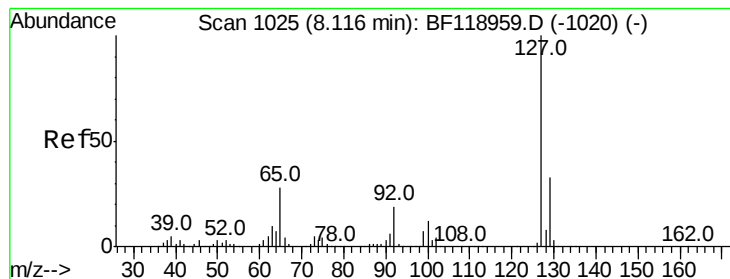


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 17.845 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 166370

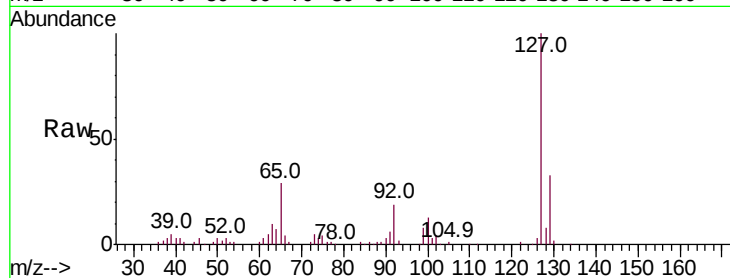
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 28.6 23.9 35.9

92 19.2 16.3 24.5

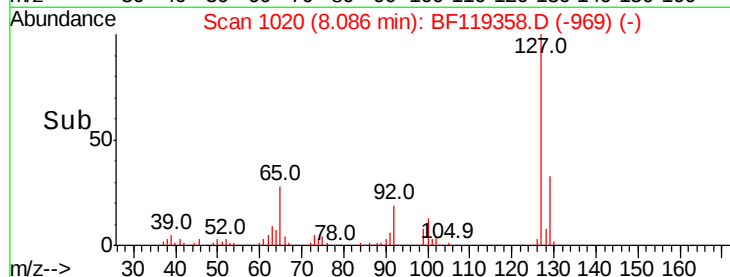


Abundance Ion 127.00 (126.70 to 127.70): E

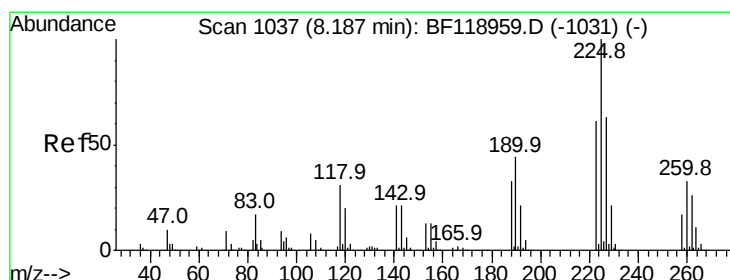
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 43.493 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

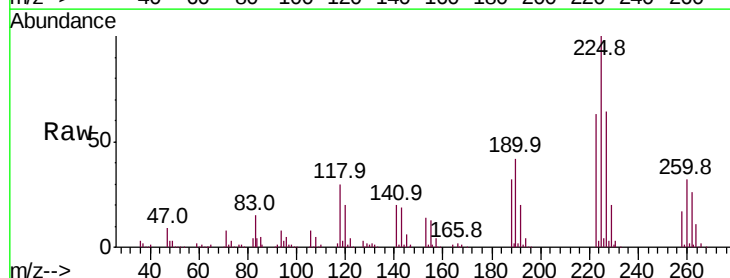
Tgt Ion:225 Resp: 212868

Ion Ratio Lower Upper

225 100

223 63.1 49.4 74.2

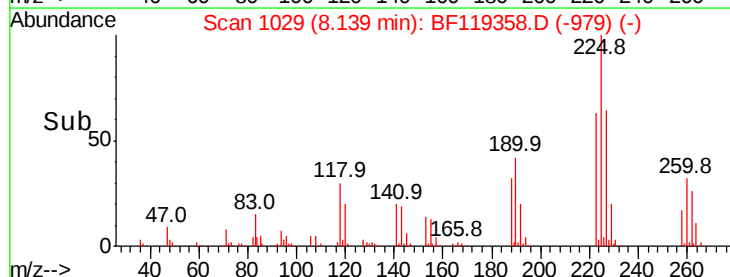
227 64.0 52.9 79.3



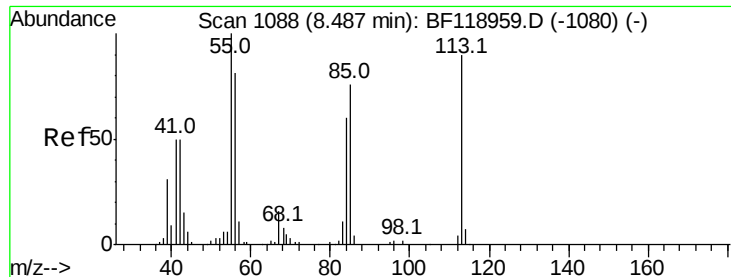
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 26.344 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

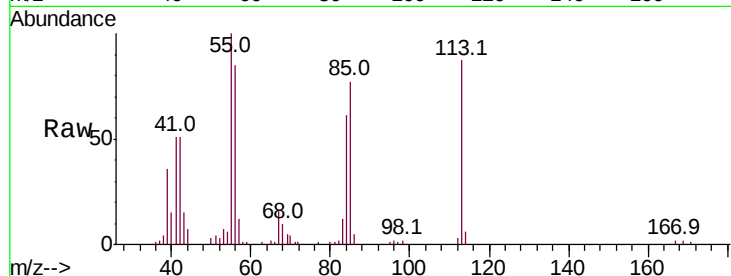
Tot Ion:113 Resp: 53757

Ion Ratio Lower Upper

113 100

55 114.4 95.7 135.7

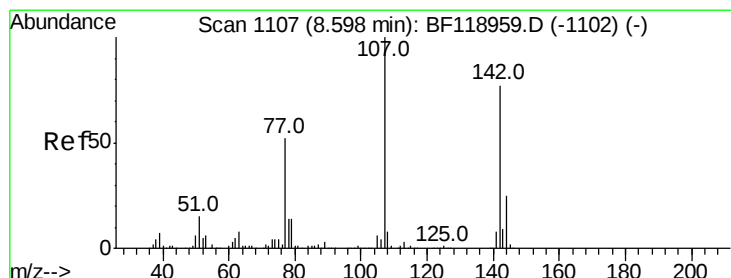
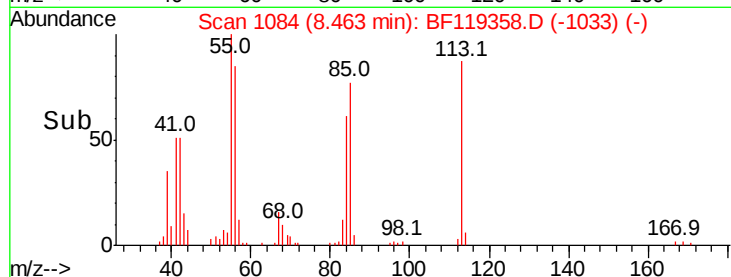
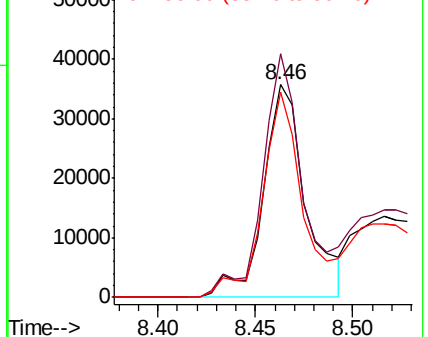
56 96.7 73.1 113.1



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: 50.017 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

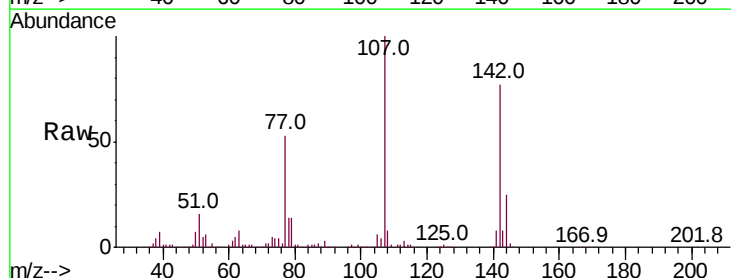
Tgt Ion:107 Resp: 335458

Ion Ratio Lower Upper

107 100

144 24.9 20.1 30.1

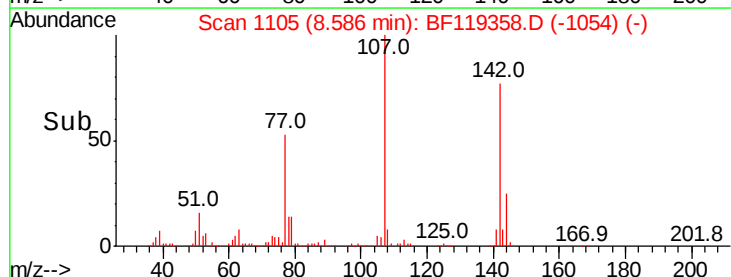
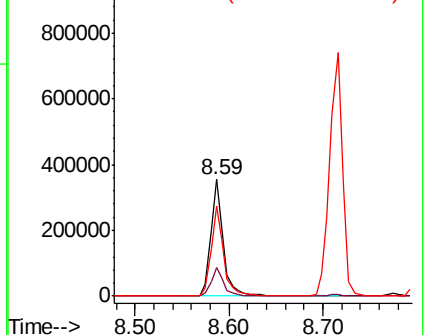
142 76.6 61.4 92.2

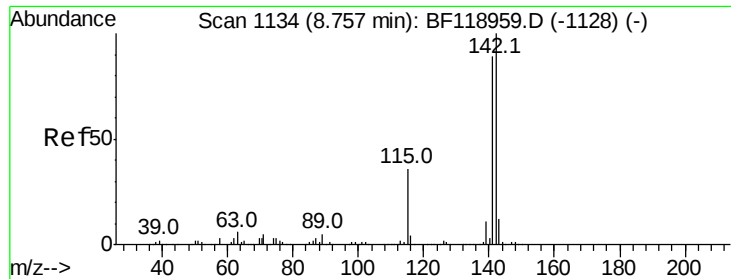


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

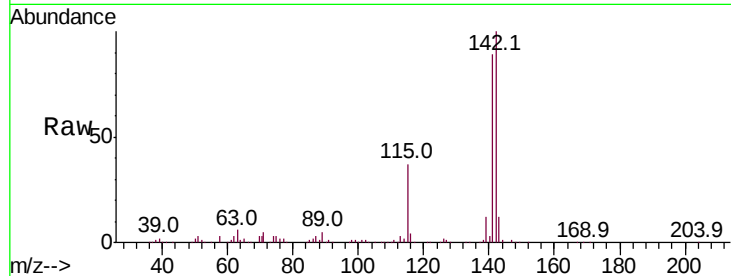




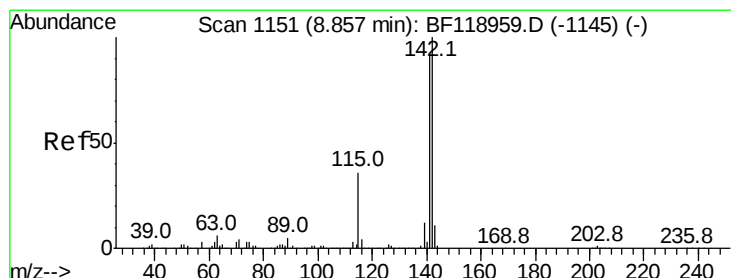
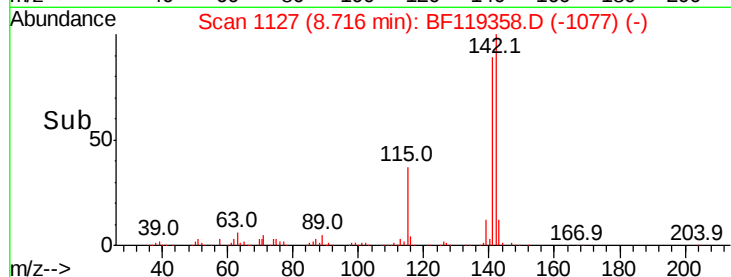
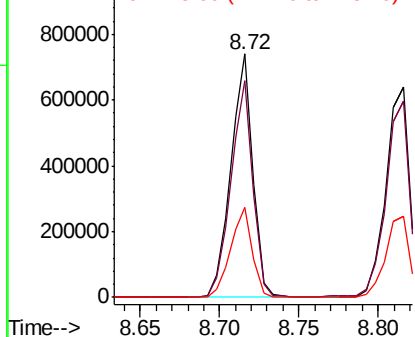
#37
2-Methylnaphthalene
Concen: 48.422 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	36.8	30.6	45.8

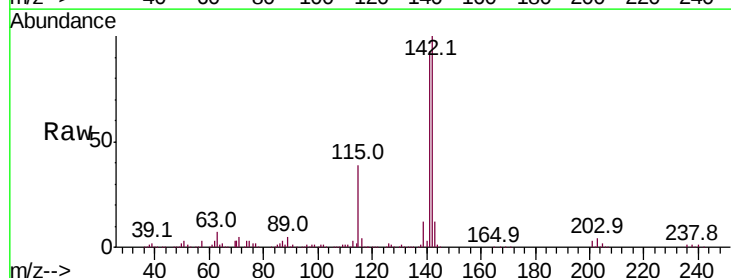


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

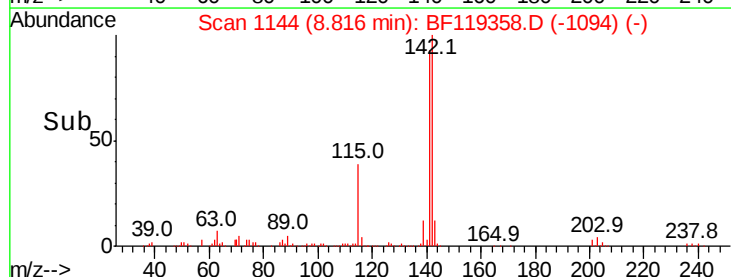
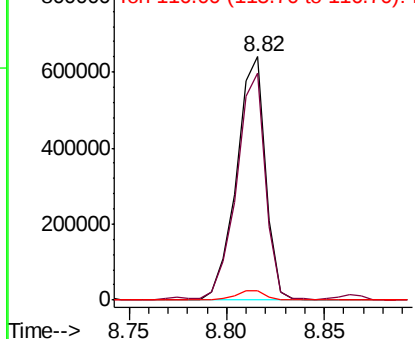


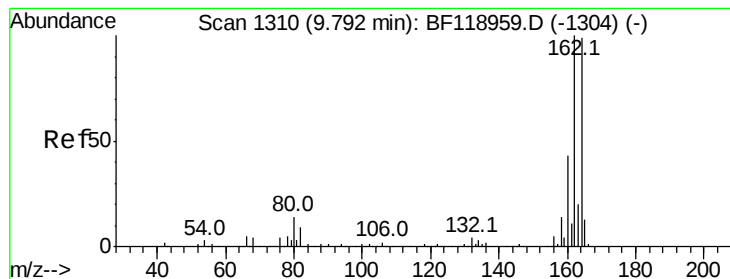
#38
1-Methylnaphthalene
Concen: 47.895 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.8	113.6
116	3.8	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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

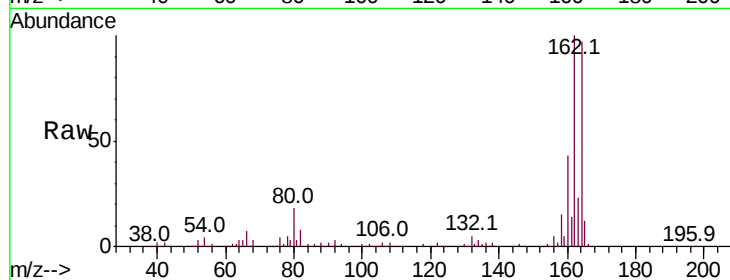
Tot Ion:164 Resp: 237245

Ion Ratio Lower Upper

164 100

162 103.5 81.8 122.8

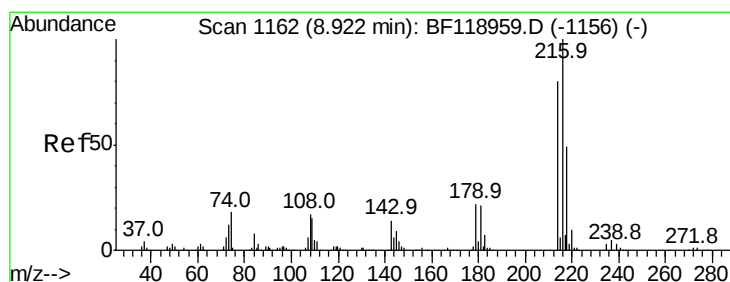
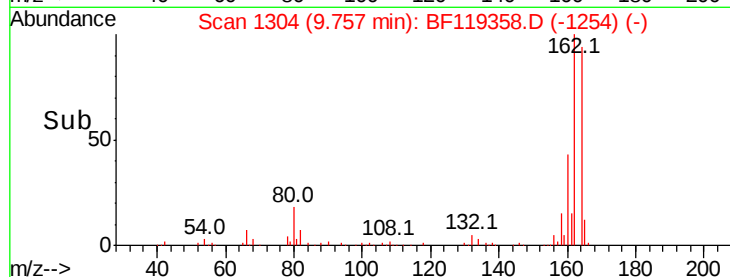
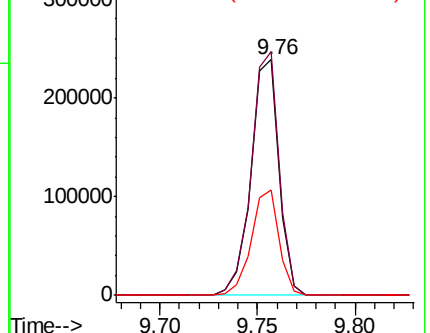
160 44.8 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.470 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Tgt Ion:216 Resp: 355714

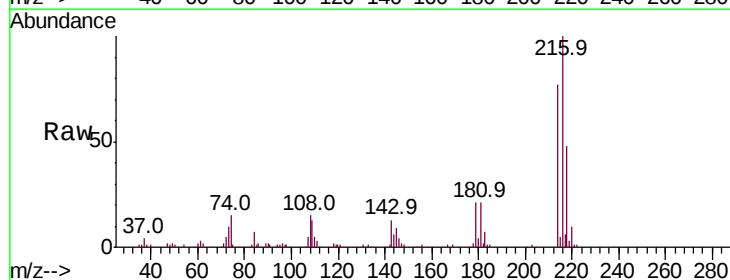
Ion Ratio Lower Upper

216 100

214 78.0 63.3 94.9

179 21.5 17.7 26.5

108 17.5 13.9 20.9

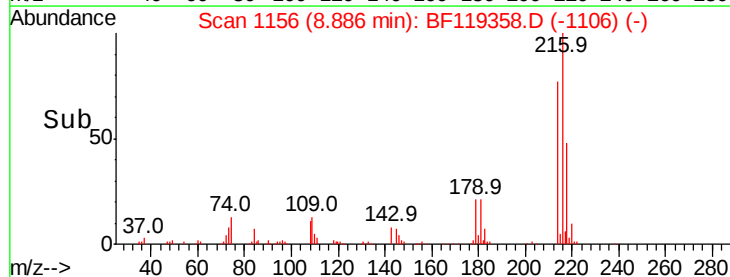
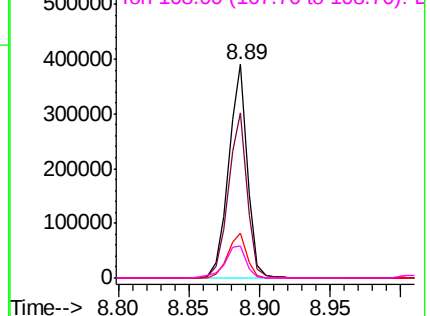


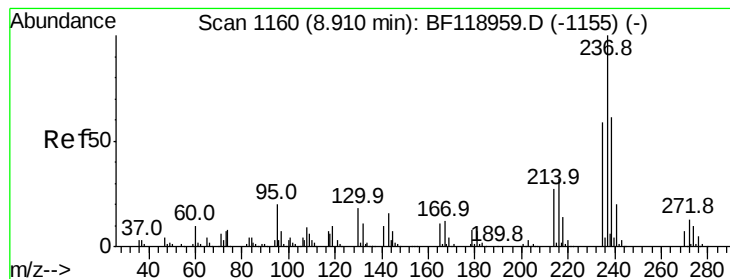
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.534 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampled :

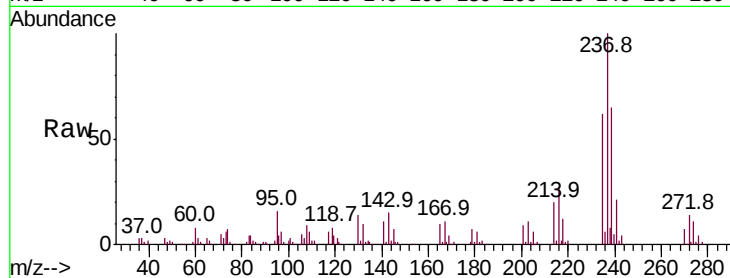
Tot Ion:237 Resp: 92832

Ion Ratio Lower Upper

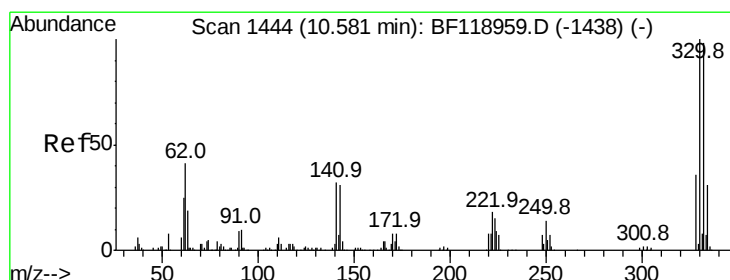
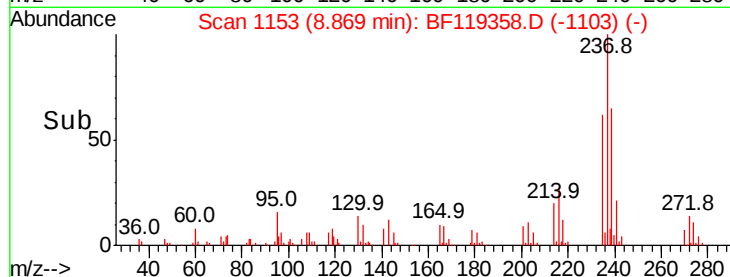
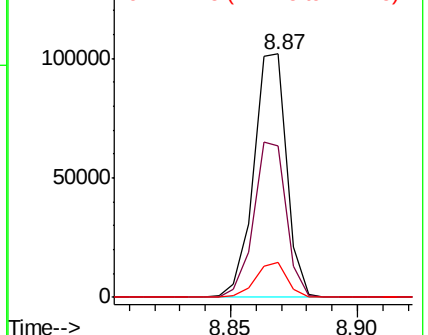
237 100

235 62.1 42.3 82.3

272 14.2 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: 106.219 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

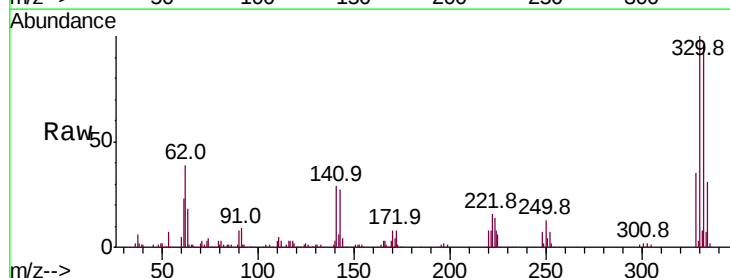
Tgt Ion:330 Resp: 329659

Ion Ratio Lower Upper

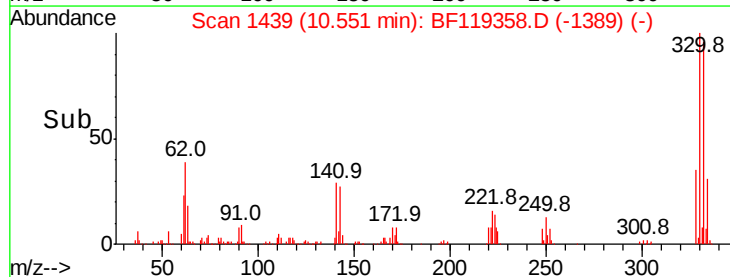
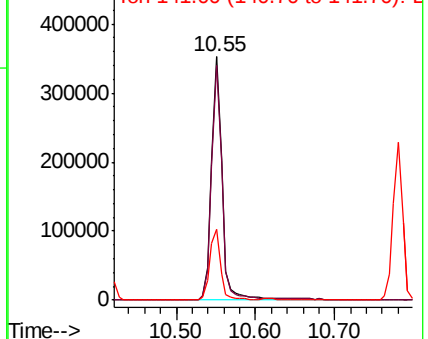
330 100

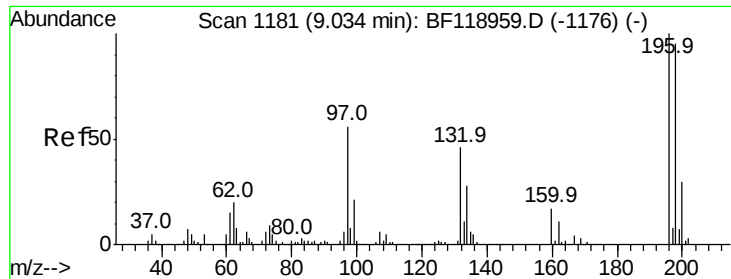
332 96.4 76.0 114.0

141 29.8 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

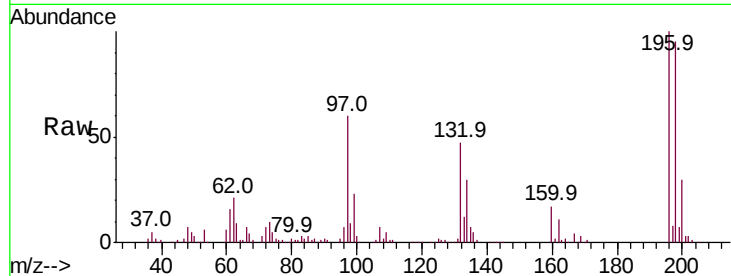




#43
 2,4,6-Trichlorophenol
 Concen: 43.646 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	220468
Ion Ratio	Lower	Upper	
196	100		
198	95.0	77.1	115.7
200	30.1	25.0	37.6

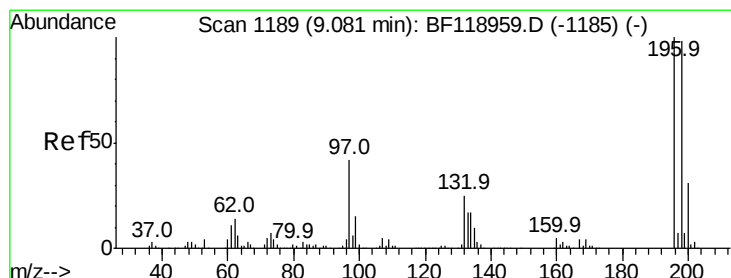
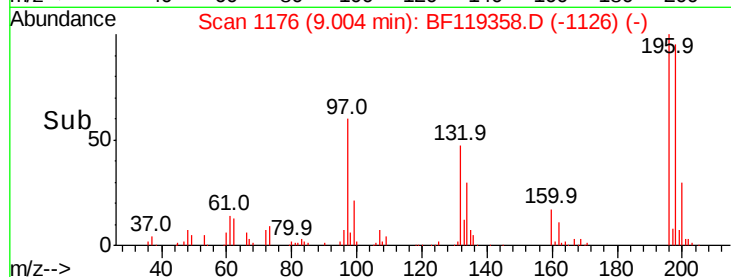
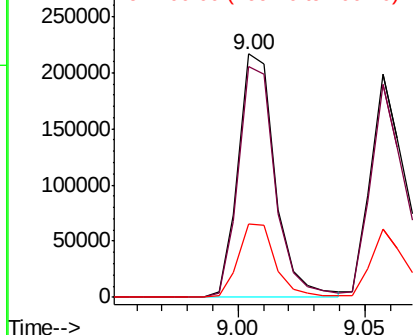


Abundance

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: 44.312 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Tgt Ion	196	Resp	234879
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.8	115.2
97	49.1	38.5	57.7
132	28.4	22.2	33.4

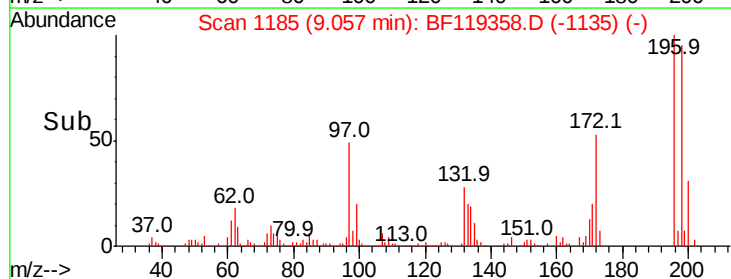
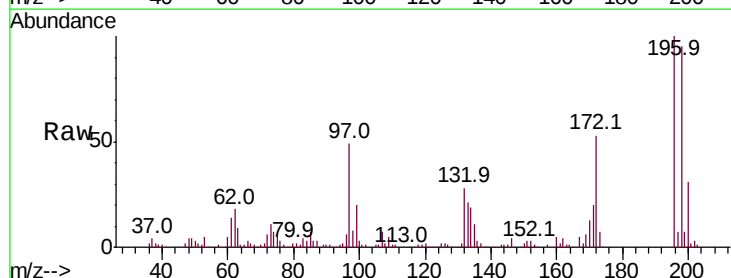
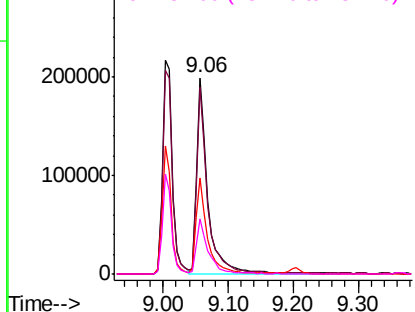
Abundance

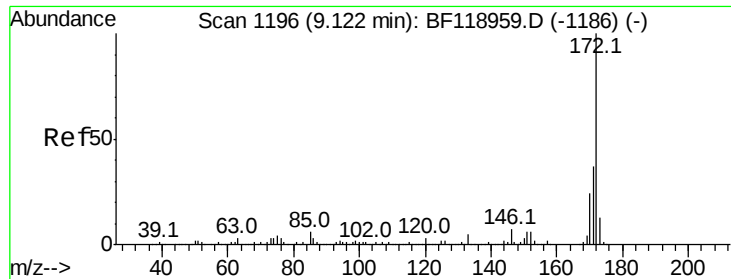
Ion 196.00 (195.70 to 196.70): E

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



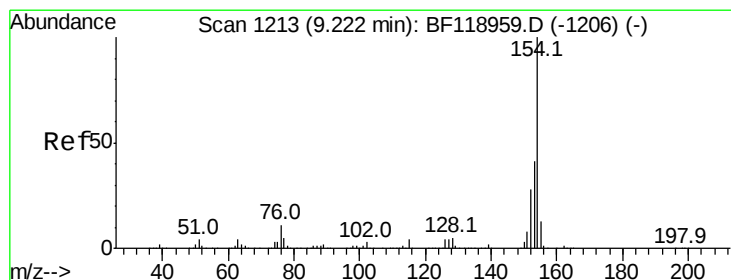
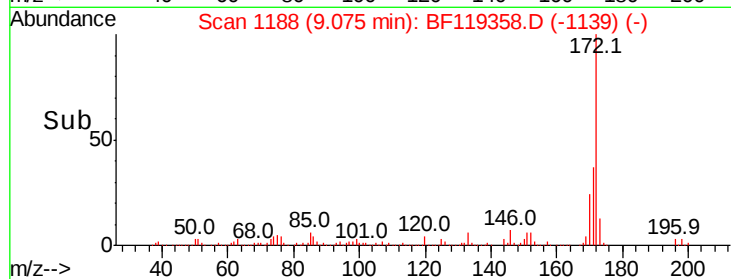
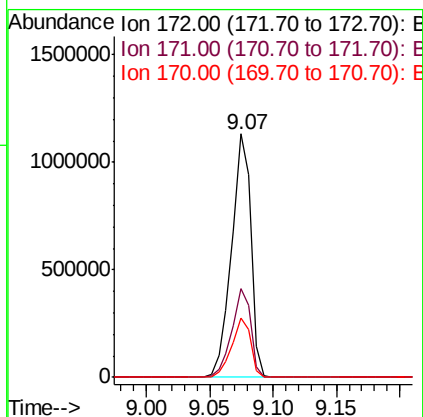
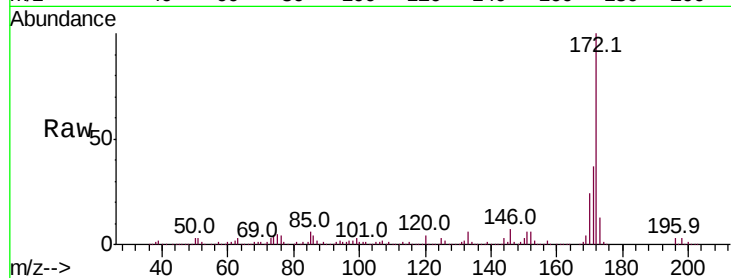


#45
 2-Fluorobiphenyl
 Concen: 73.363 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1181460

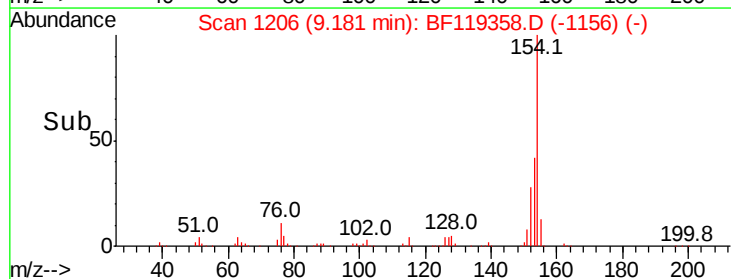
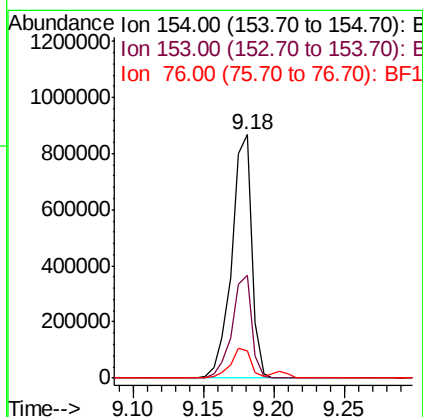
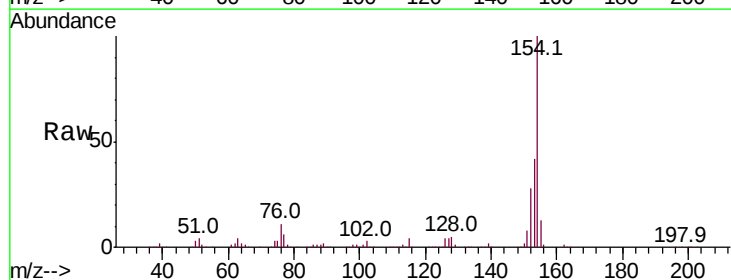
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.3	20.2	30.2

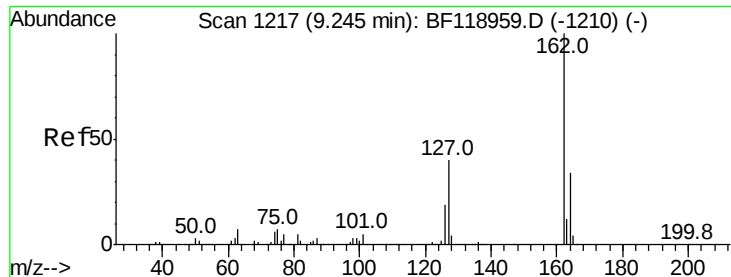


#46
 1,1'-Biphenyl
 Concen: 44.806 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Tgt Ion:154 Resp: 859118

Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.8	62.8
76	11.1	0.0	32.2

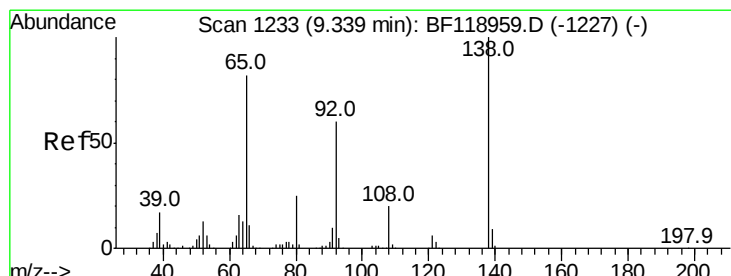
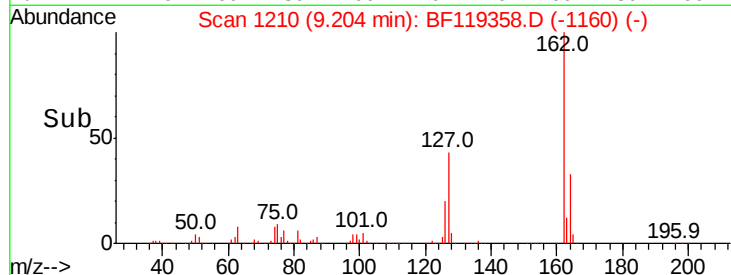
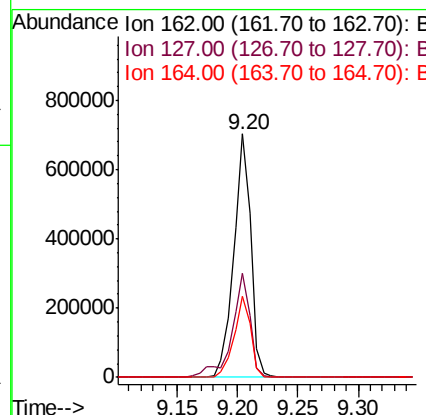
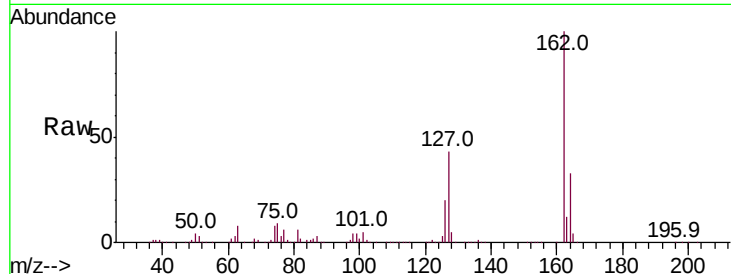




#47
2-Chloronaphthalene
Concen: 44.411 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

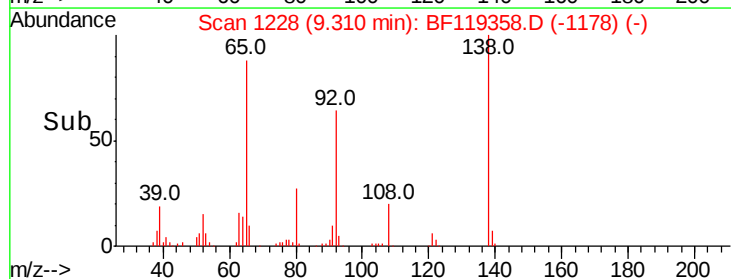
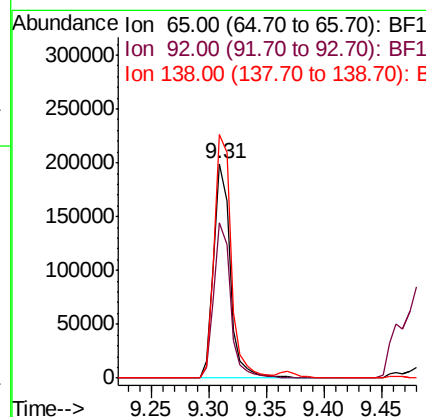
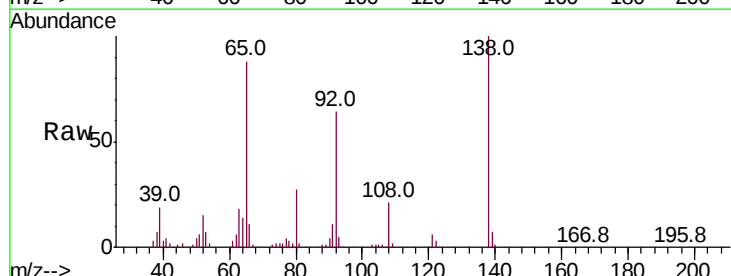
Instrument :
BNA_F
ClientSampled :

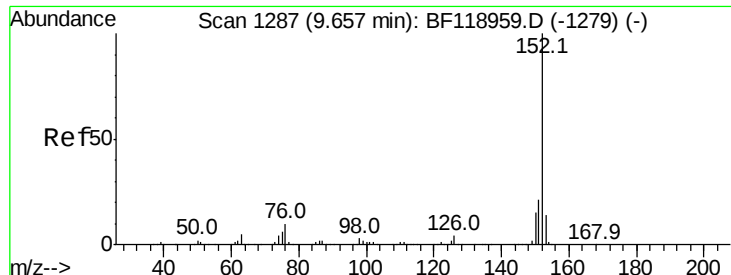
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	35.0	52.4
164	33.3	27.2	40.8



#48
2-Nitroaniline
Concen: 46.479 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.2	87.2
138	113.6	95.6	143.4





#49

Acenaphthylene

Concen: 46.659 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

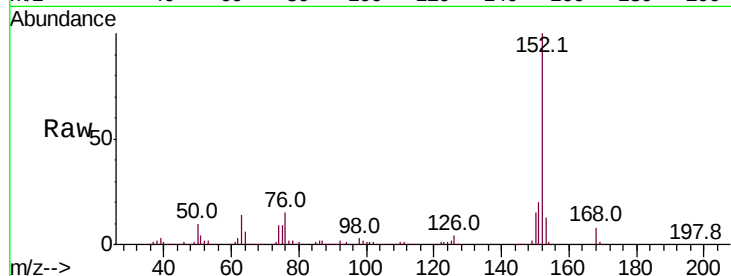
Tot Ion:152 Resp: 1041280

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

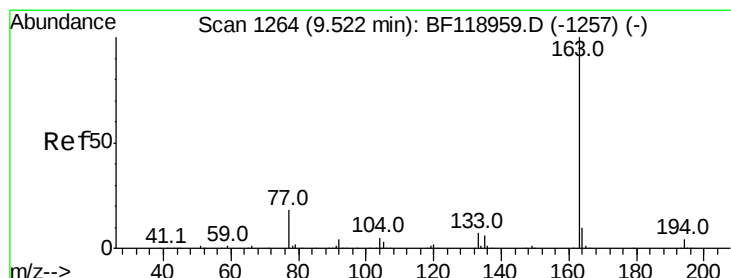
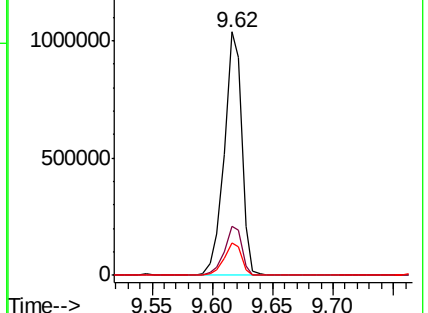
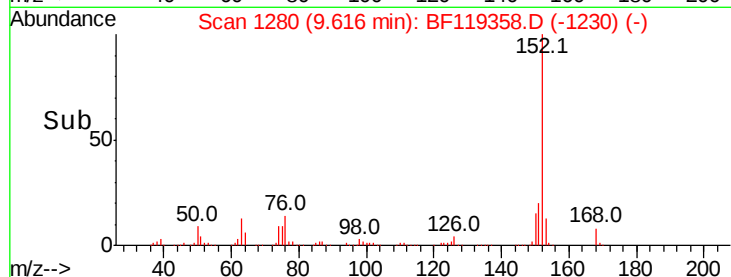
153 13.4 11.0 16.6



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: 52.449 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

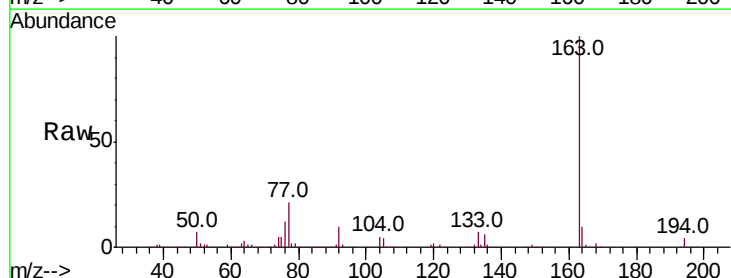
Tgt Ion:163 Resp: 951516

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

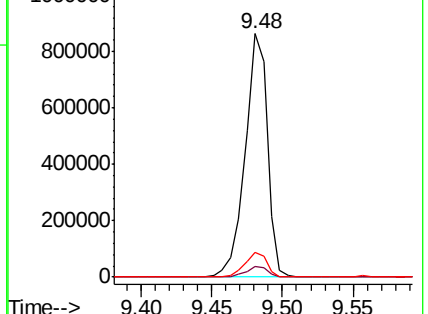
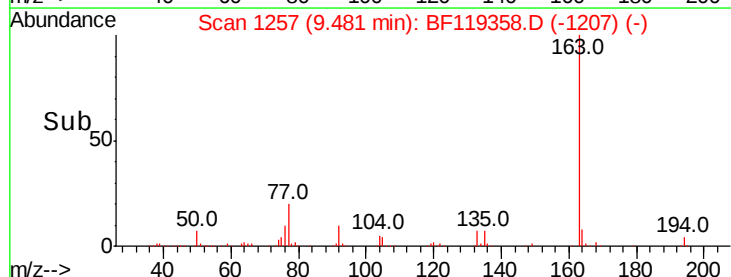
164 10.2 8.4 12.6

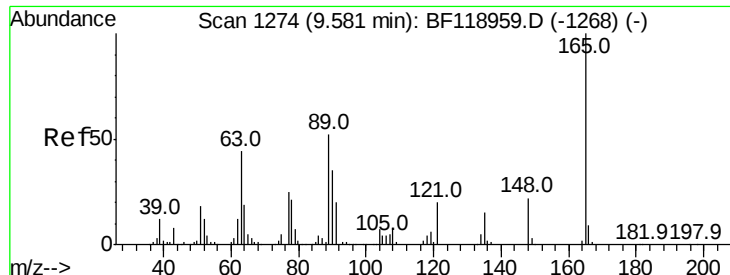


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

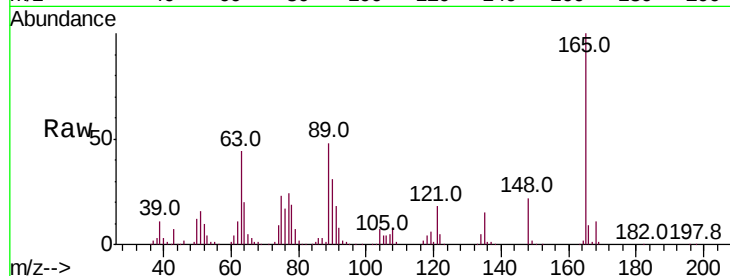




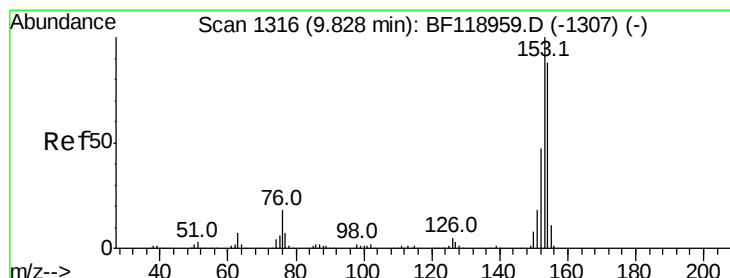
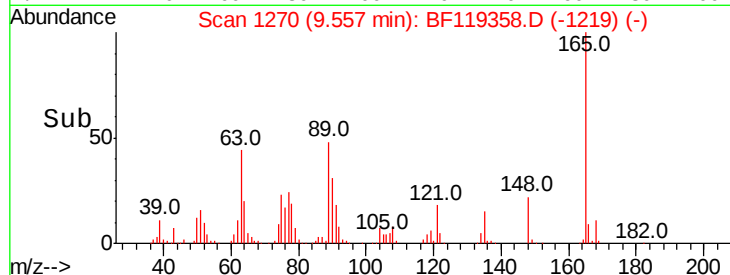
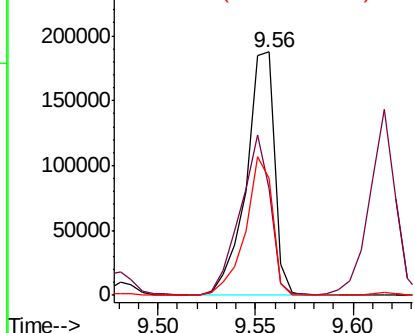
#51
2,6-Dinitrotoluene
Concen: 47.033 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 189571
Ion Ratio Lower Upper
165 100
63 43.6 34.3 51.5
89 48.0 38.3 57.5

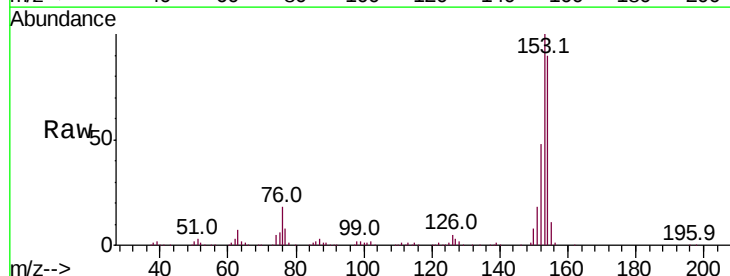


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

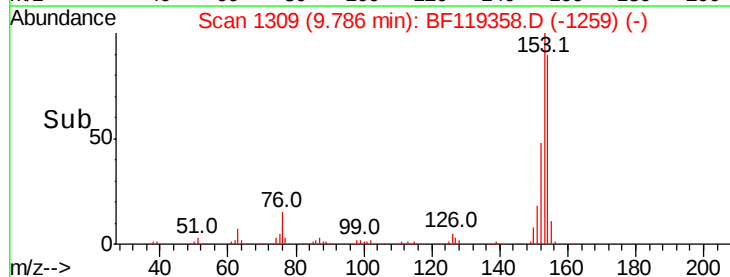
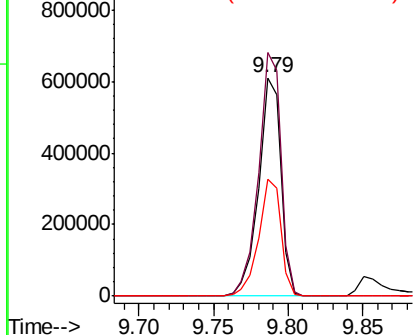


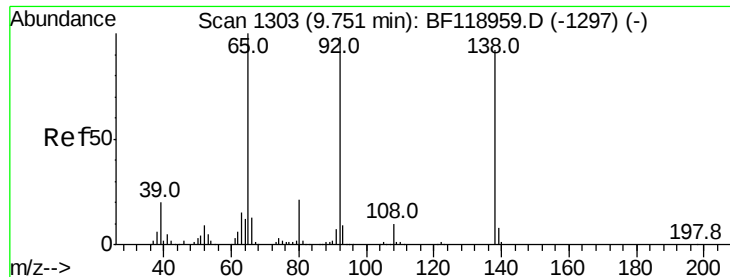
#52
Acenaphthene
Concen: 46.379 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:154 Resp: 624106
Ion Ratio Lower Upper
154 100
153 111.4 90.3 135.5
152 53.5 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

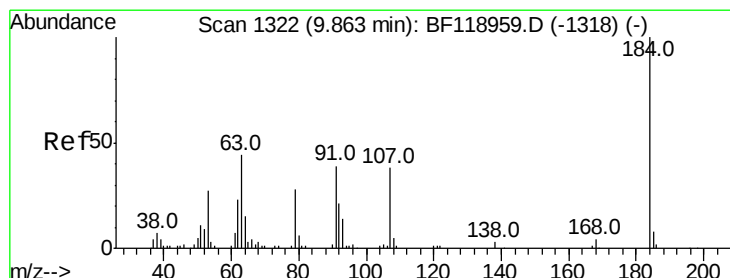
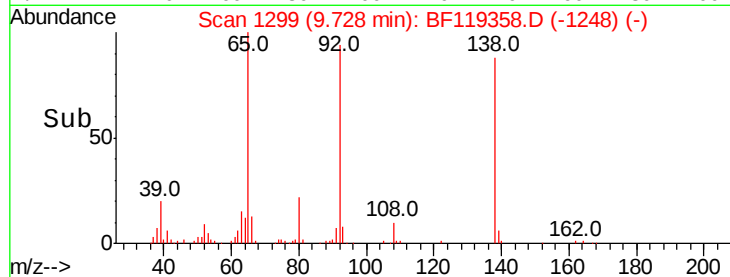
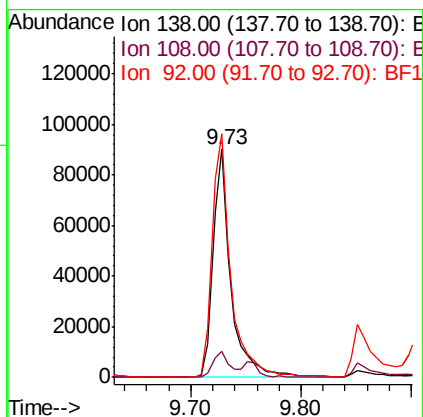
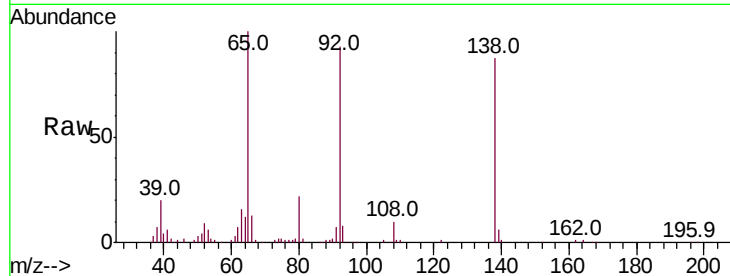




#53
3-Nitroaniline
Concen: 22.149 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

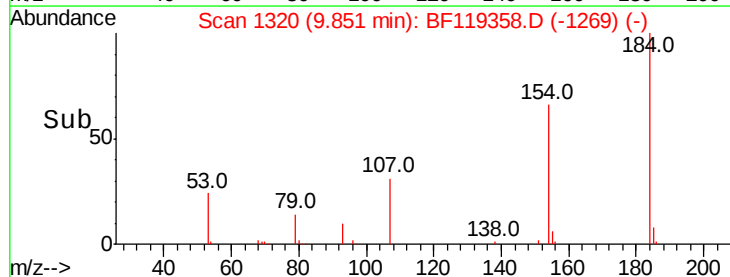
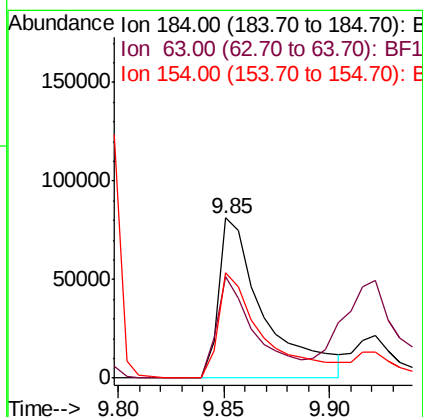
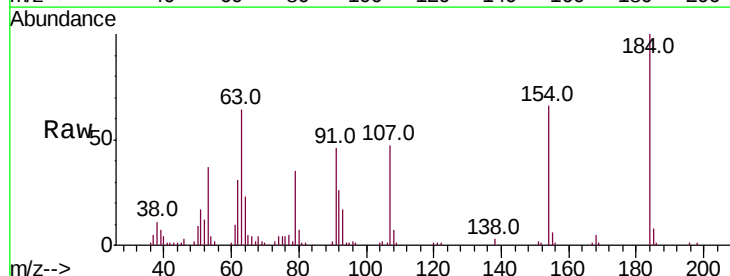
Instrument :
BNA_F
ClientSampleId :

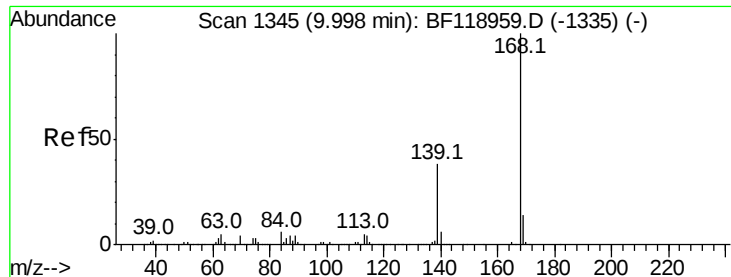
Tot Ion:138 Resp: 98971
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 106.9 84.8 127.2



#54
2,4-Dinitrophenol
Concen: 63.954 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:184 Resp: 122043
Ion Ratio Lower Upper
184 100
63 63.9 38.7 58.1#
154 66.0 49.7 74.5

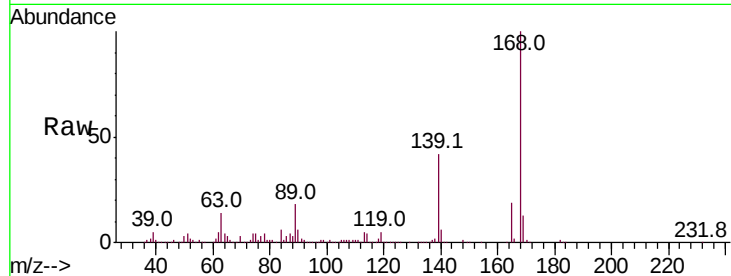




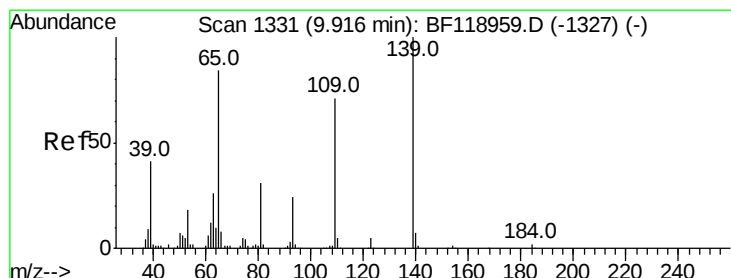
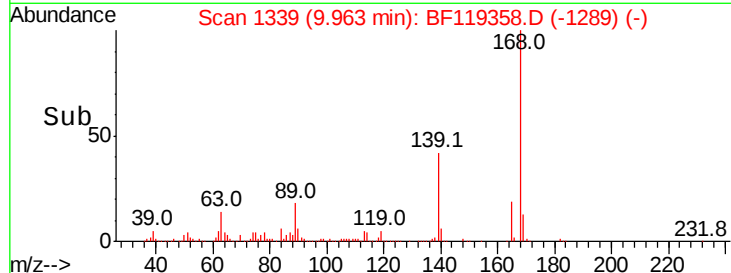
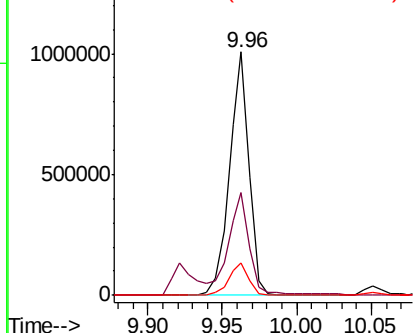
#55
Dibenzofuran
Concen: 46.123 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 926392
Ion Ratio Lower Upper
168 100
139 42.5 34.0 51.0
169 13.5 11.0 16.4

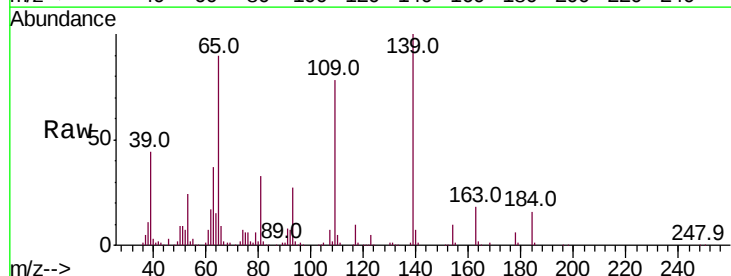


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

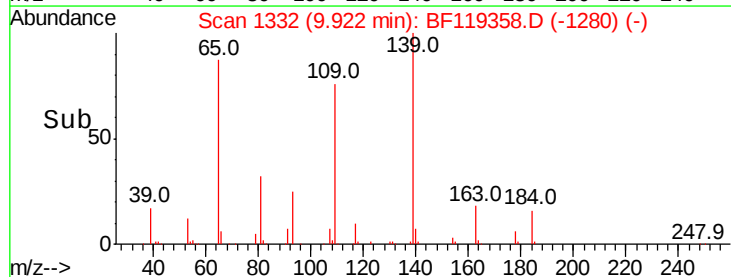
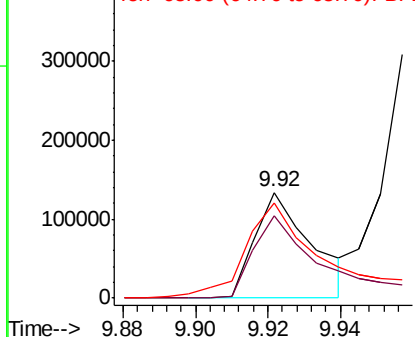


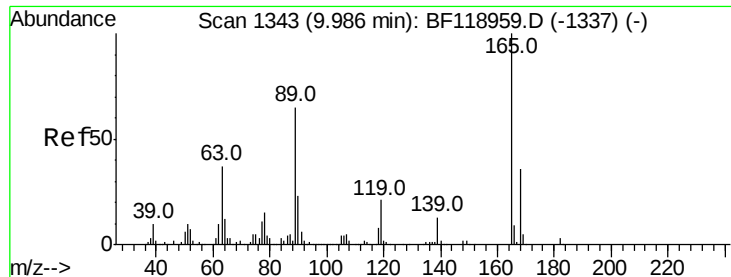
#56
4-Nitrophenol
Concen: 53.328 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:139 Resp: 143169
Ion Ratio Lower Upper
139 100
109 77.9 56.7 96.7
65 90.3 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

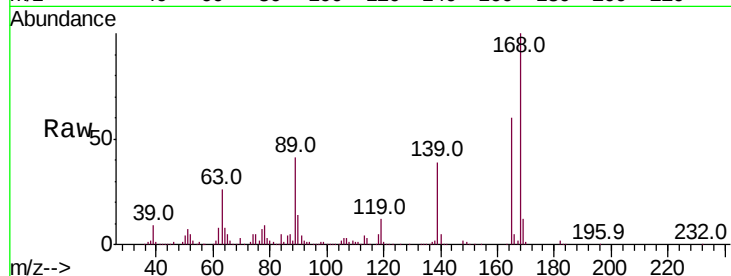




#57
 2,4-Dinitrotoluene
 Concen: 46.927 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	42.3	63.5
89	68.9	60.2	90.4
182	3.2	2.3	3.5



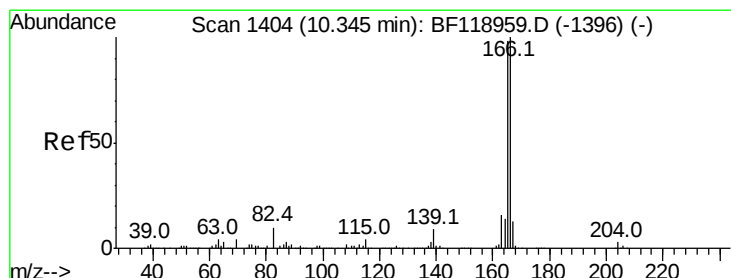
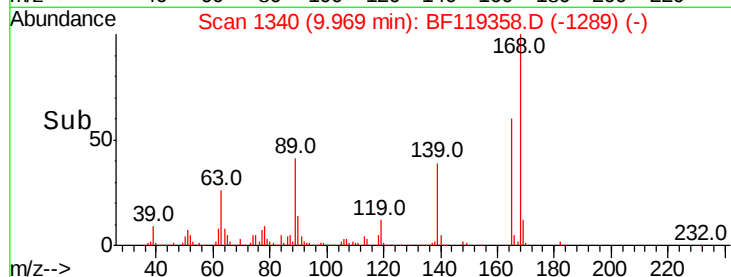
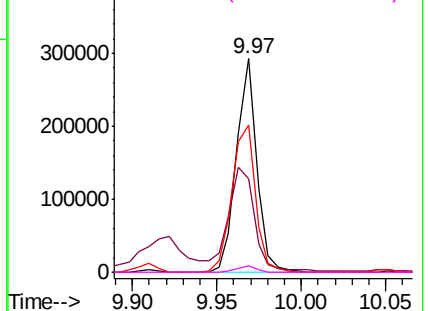
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

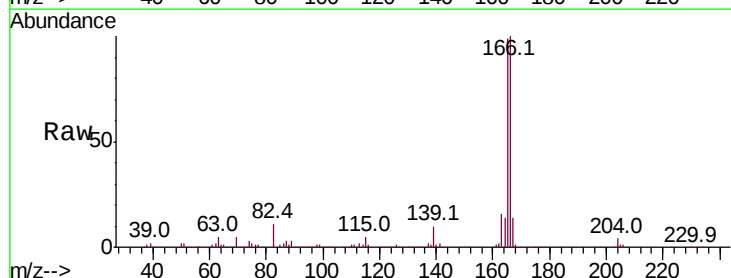
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 48.677 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.5	117.7
167	13.7	11.0	16.4

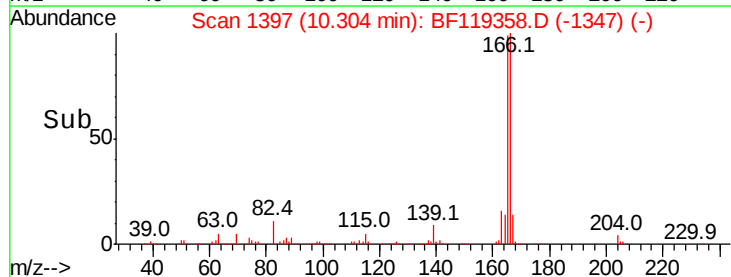
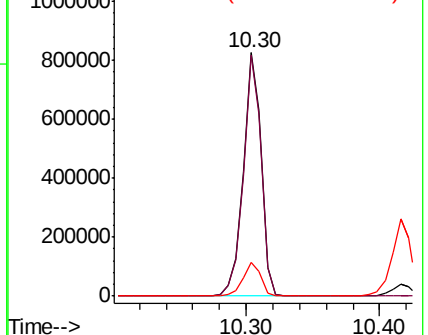


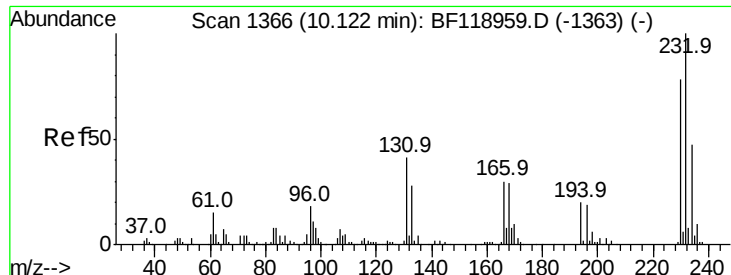
Abundance

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

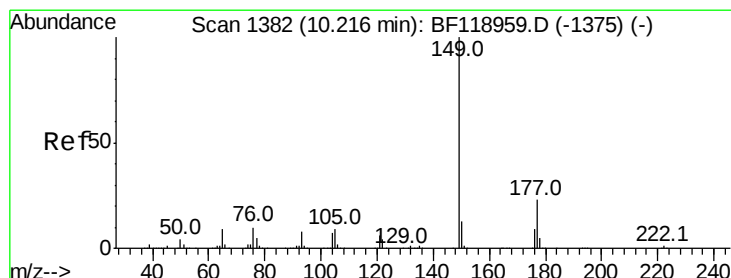
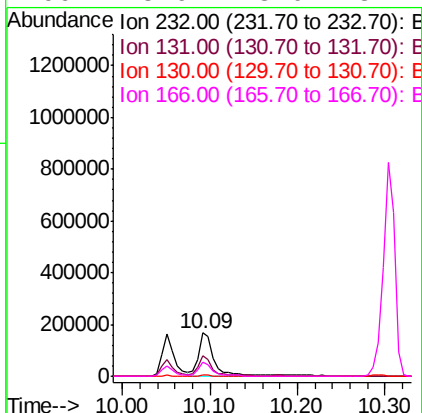
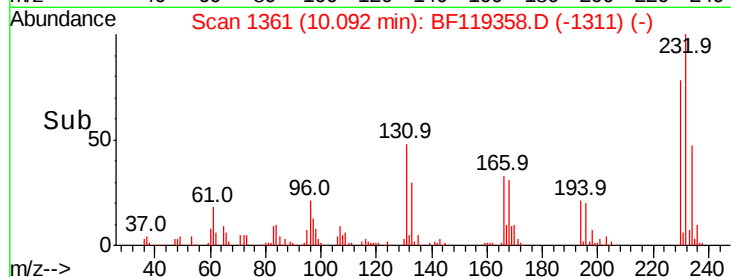
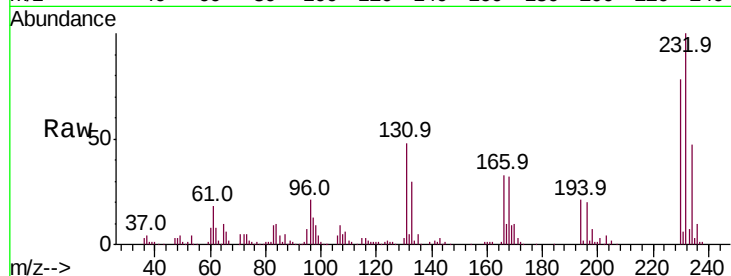




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.153 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

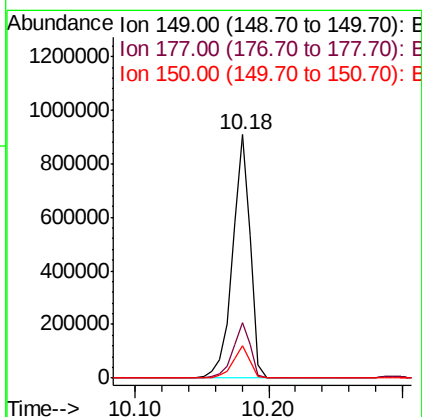
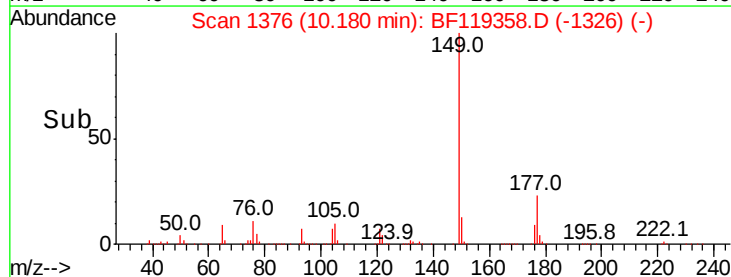
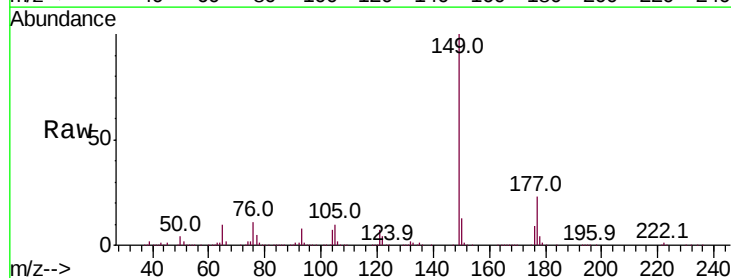
Instrument :
BNA_F
ClientSampleId :

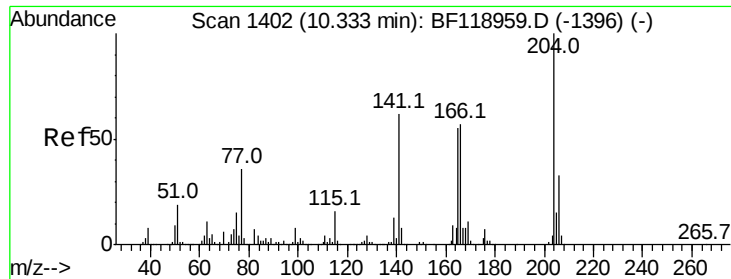
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.8	50.8
130	2.2	1.8	2.6
166	28.6	23.0	34.4



#60
Diethylphthalate
Concen: 49.193 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	13.1	10.5	15.7

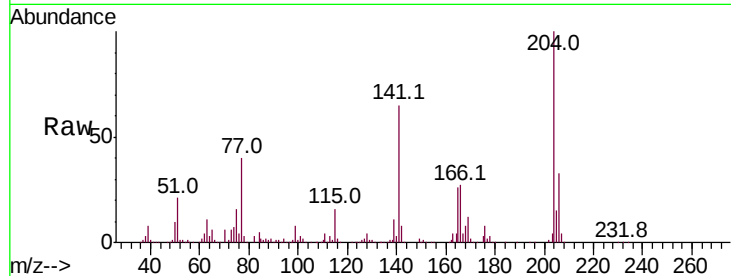




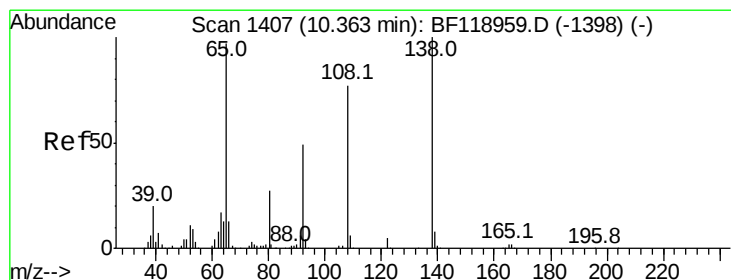
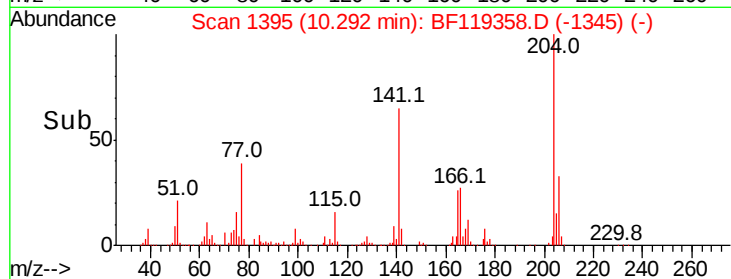
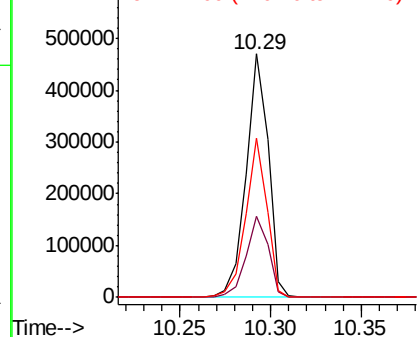
#61
4-Chlorophenyl-phenylether
Concen: 48.208 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 398262
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 65.1 52.9 79.3

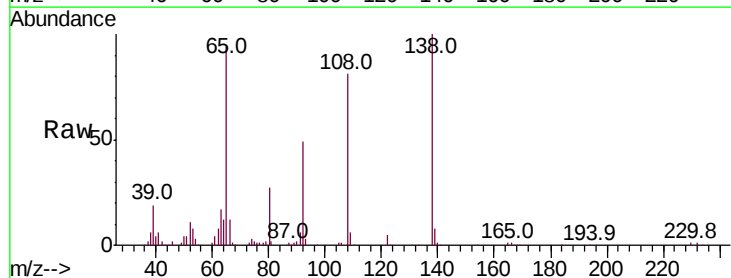


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

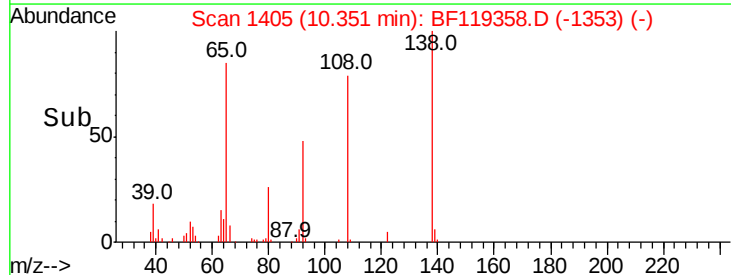
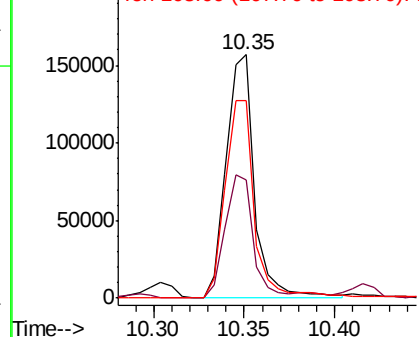


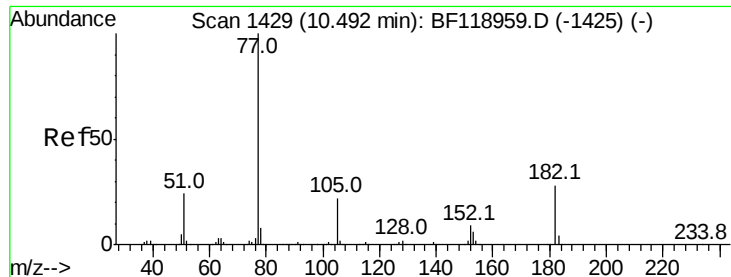
#62
4-Nitroaniline
Concen: 37.646 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:138 Resp: 172101
Ion Ratio Lower Upper
138 100
92 48.7 27.3 67.3
108 81.3 57.0 97.0



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

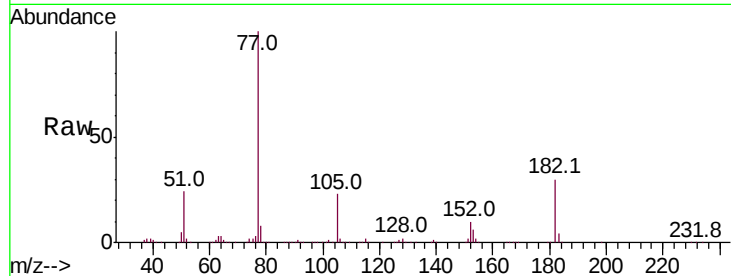




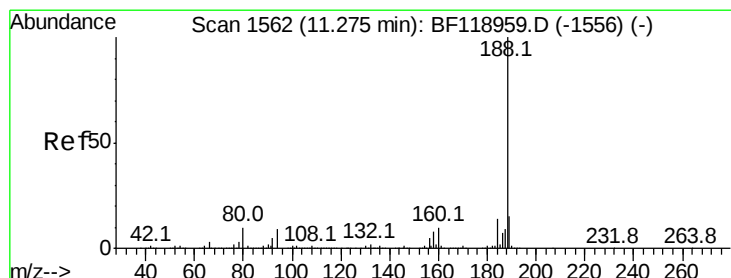
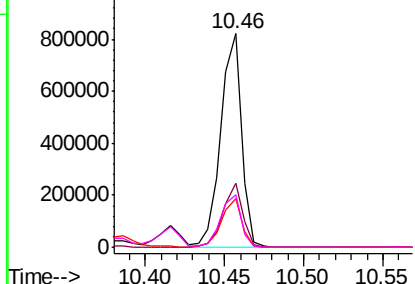
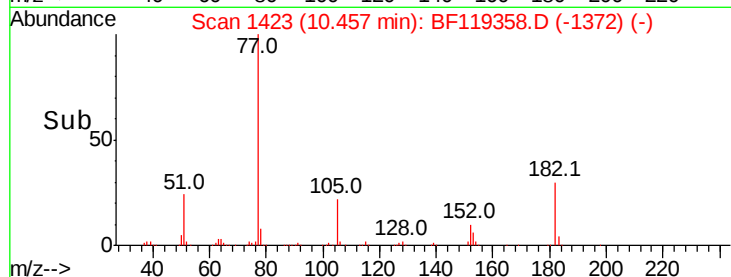
#63
Azobenzene
Concen: 50.418 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 749226
Ion Ratio Lower Upper
77 100
182 30.1 11.4 51.4
105 22.7 3.4 43.4
51 24.4 5.1 45.1

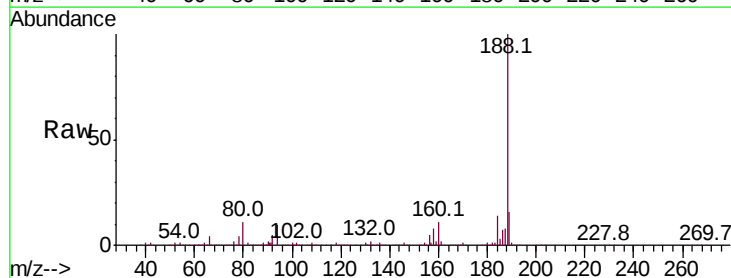


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

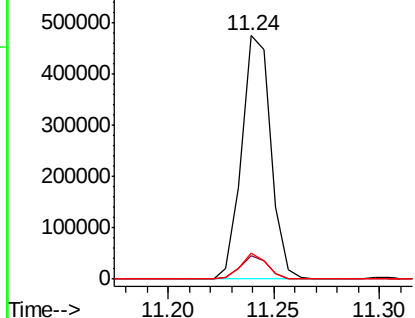
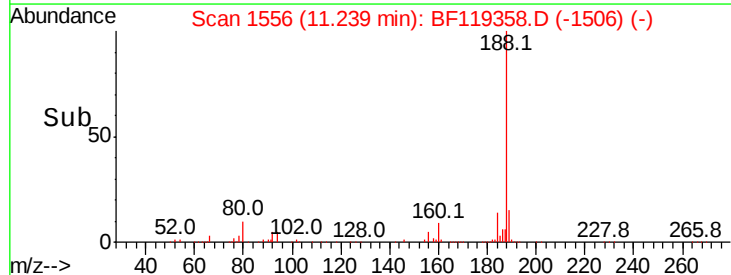


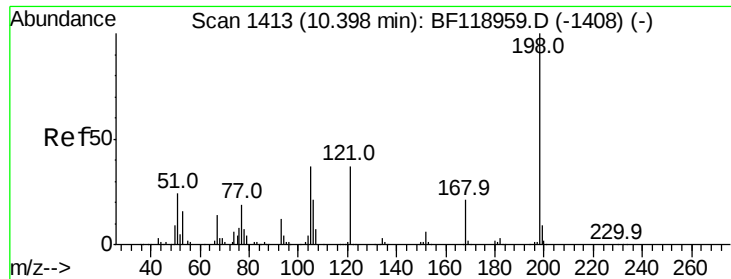
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion: 188 Resp: 454091
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.6 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

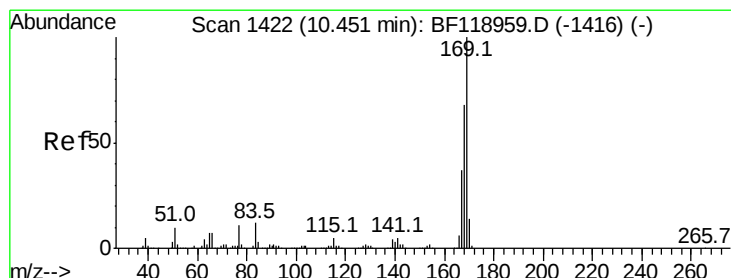
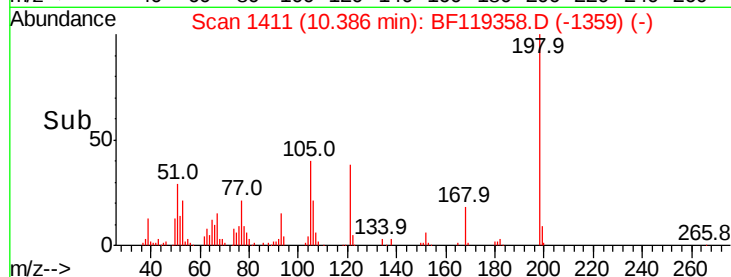
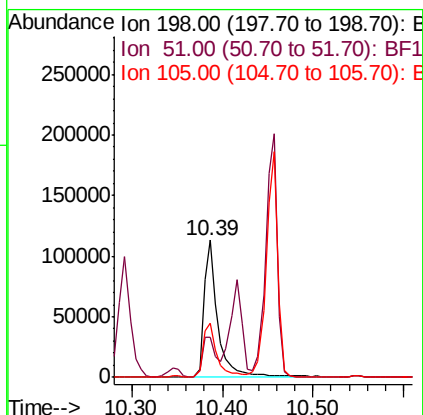
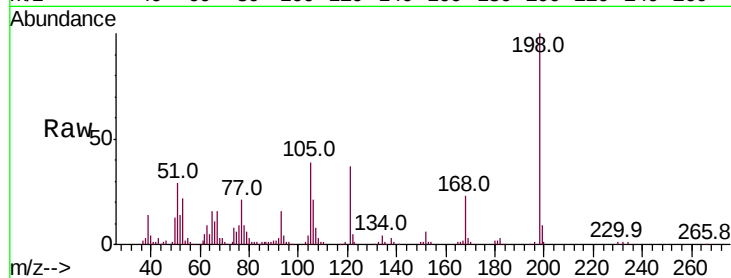




#65
4,6-Dinitro-2-methylphenol
Concen: 44.567 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

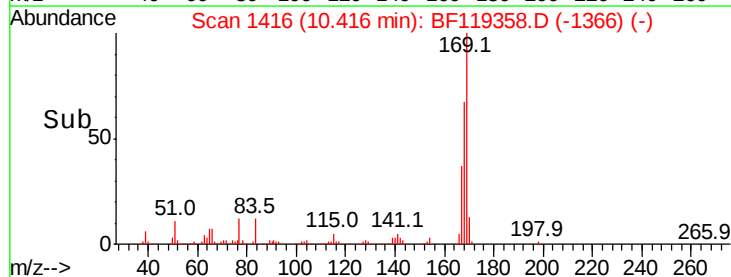
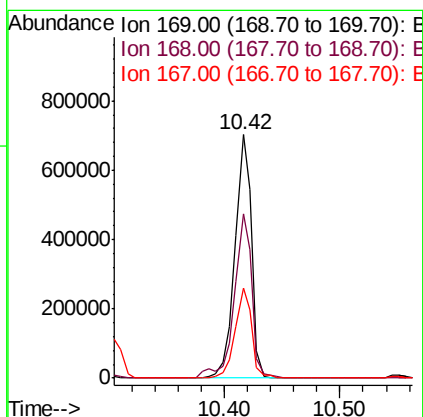
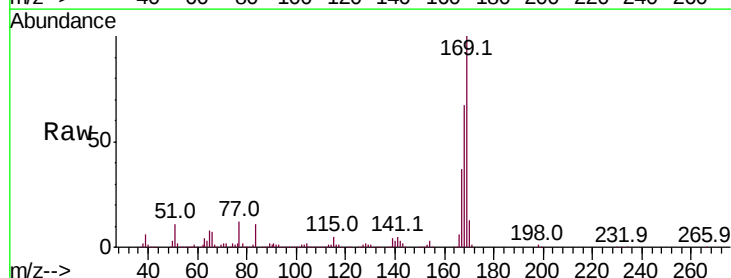
Instrument :
BNA_F
ClientSampled :

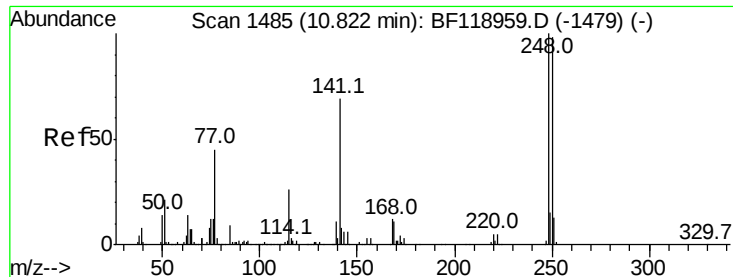
Tot Ion:198 Resp: 122459
Ion Ratio Lower Upper
198 100
51 29.0 14.2 54.2
105 39.2 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 46.595 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:169 Resp: 692804
Ion Ratio Lower Upper
169 100
168 67.4 54.1 81.1
167 37.2 29.4 44.0

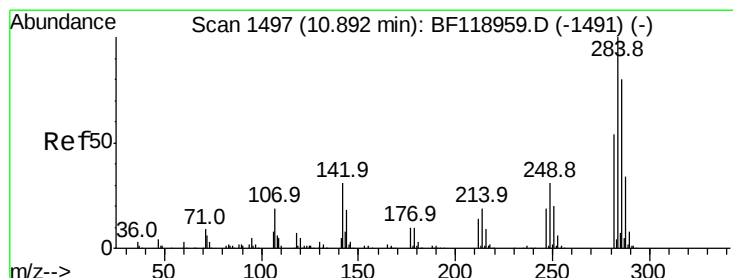
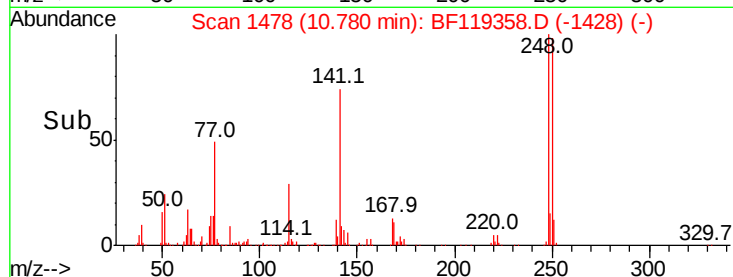
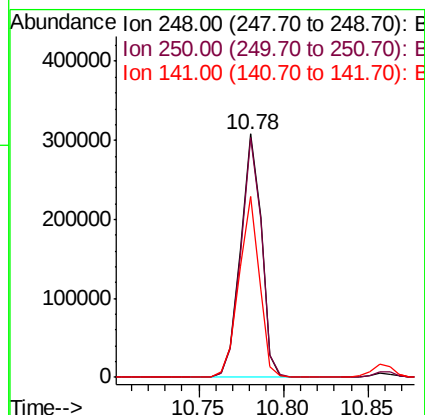
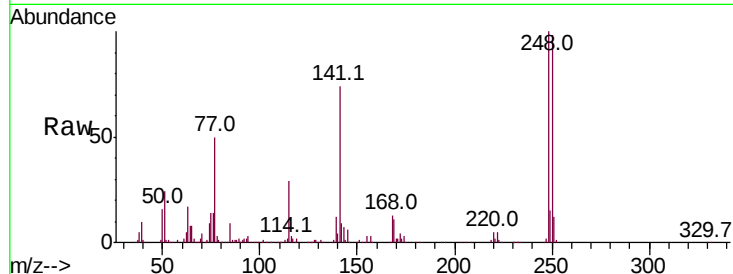




#67
4-Bromophenyl-phenylether
Concen: 44.608 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

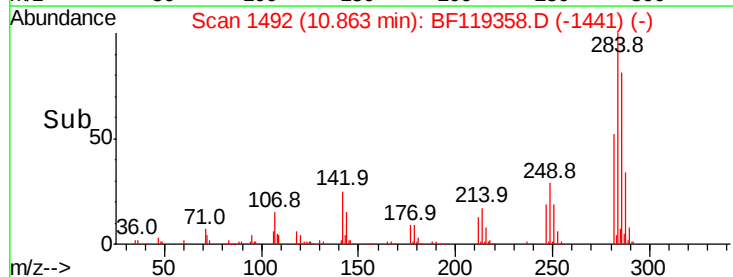
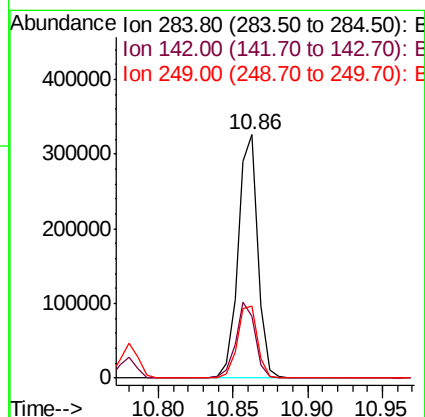
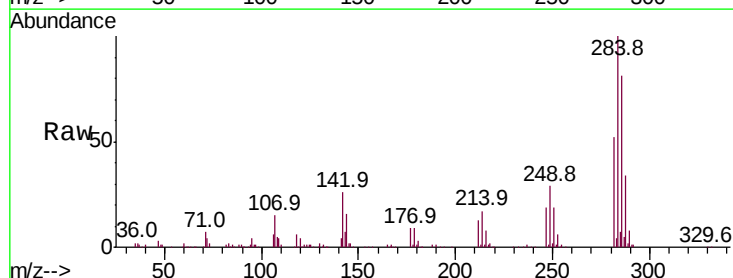
Instrument :
BNA_F
ClientSampleId :

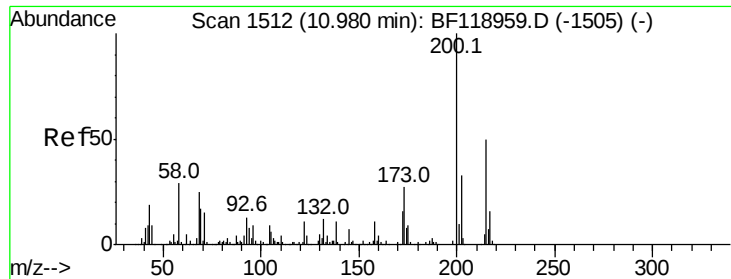
Tot Ion:248 Resp: 264776
Ion Ratio Lower Upper
248 100
250 98.2 76.7 115.1
141 74.4 60.7 91.1



#68
Hexachlorobenzene
Concen: 44.164 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:284 Resp: 302228
Ion Ratio Lower Upper
284 100
142 25.6 23.7 35.5
249 29.4 25.0 37.6

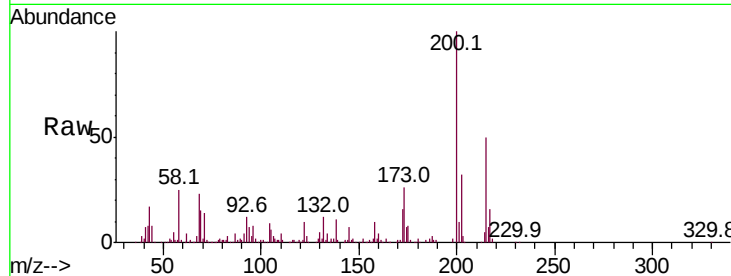




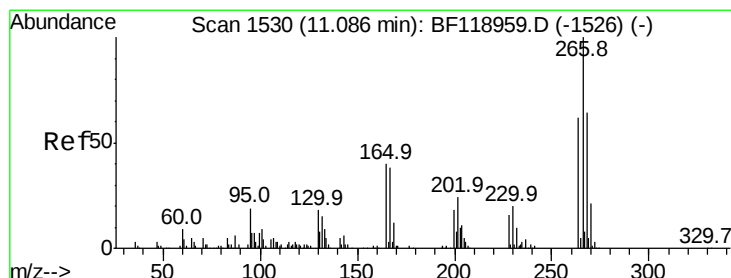
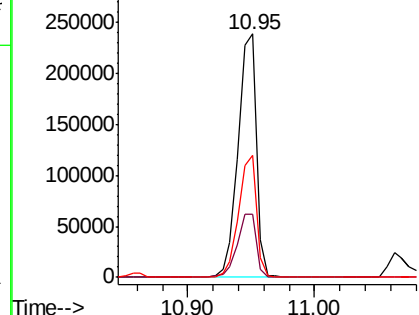
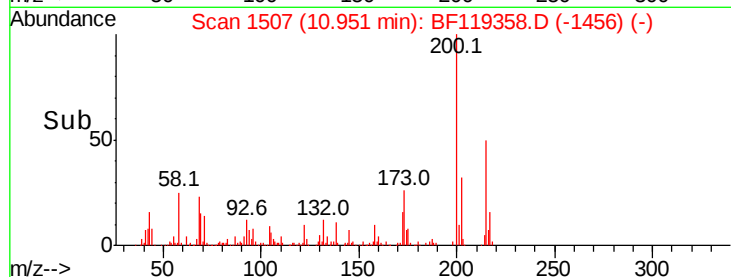
#69
Atrazine
Concen: 45.534 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.4	46.4
215	49.9	27.4	67.4

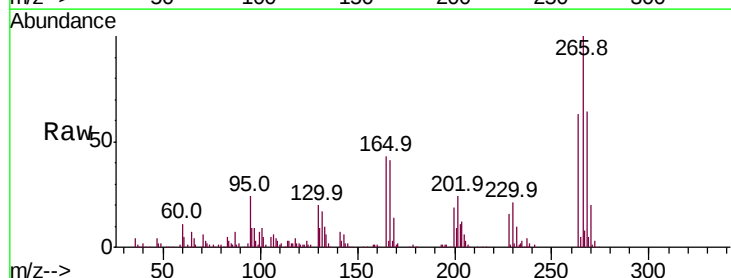


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

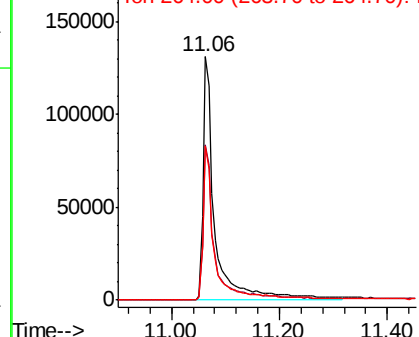
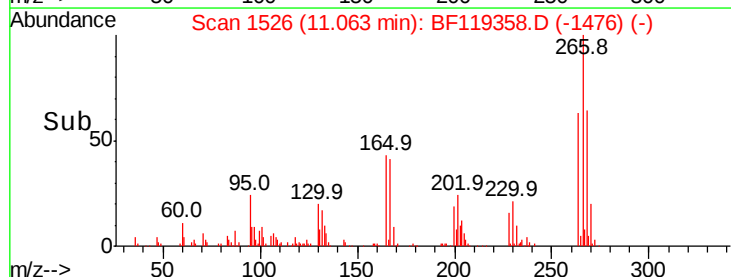


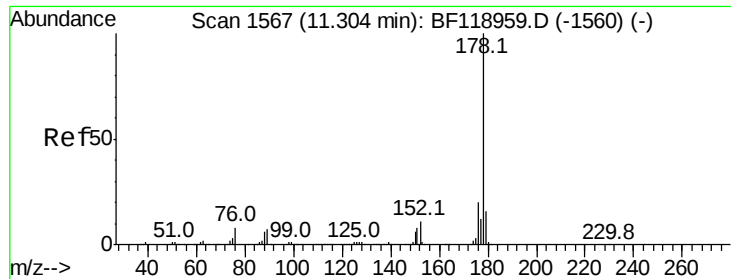
#70
Pentachlorophenol
Concen: 72.997 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.9	77.9
264	63.1	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

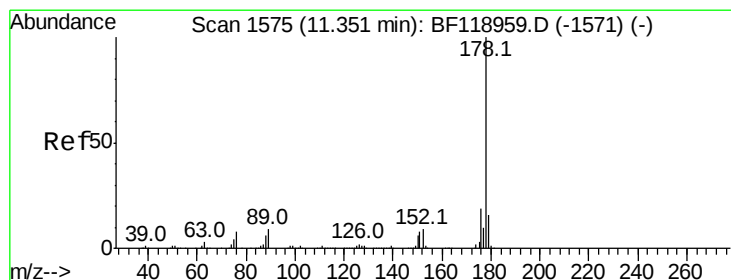
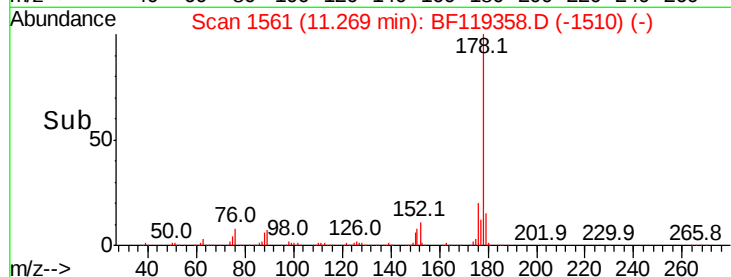
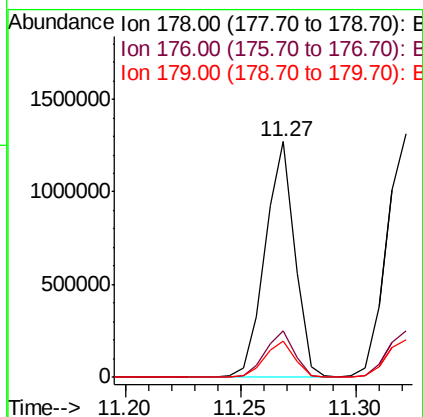
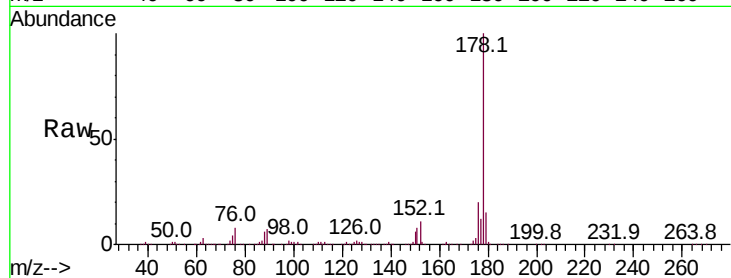




#71
Phenanthrene
Concen: 45.743 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

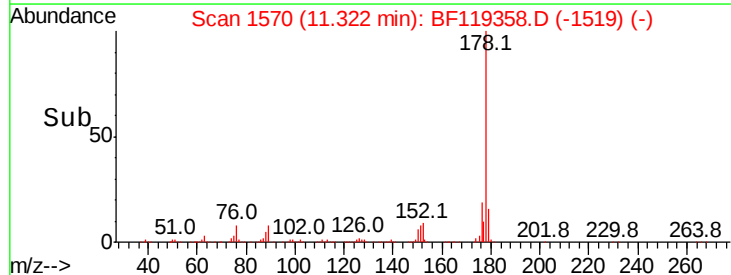
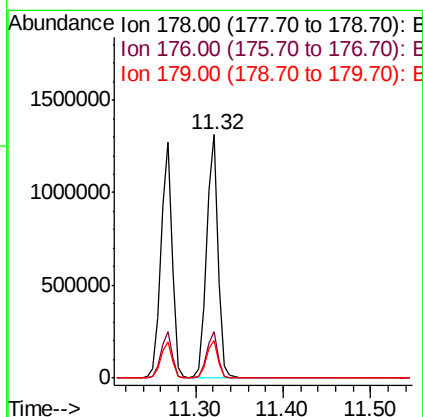
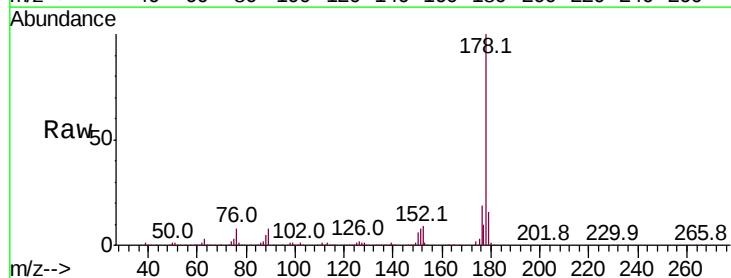
Instrument :
BNA_F
ClientSampleId :

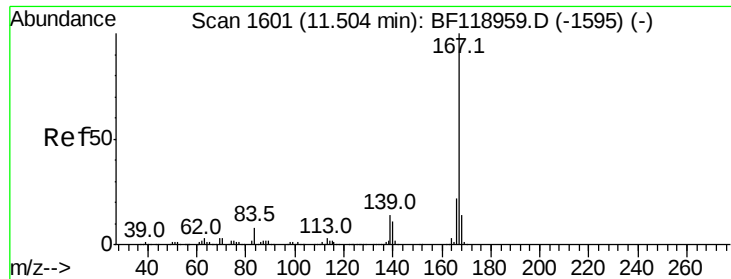
Tot Ion:178 Resp: 1132768
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 15.5 13.0 19.6



#72
Anthracene
Concen: 48.332 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:178 Resp: 1195891
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.6 13.1 19.7





#73

Carbazole

Concen: 46.627 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

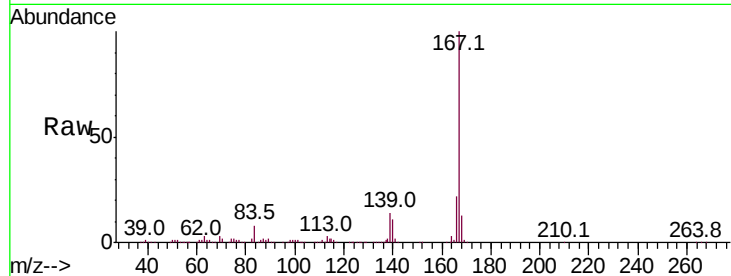
Instrument :

BNA_F

ClientSampled :

Tot Ion:167 Resp: 1027805

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.9	11.7	17.5

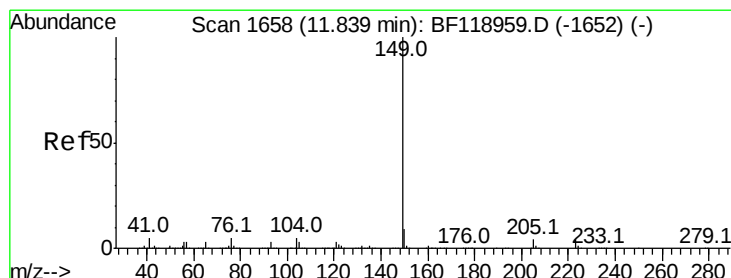
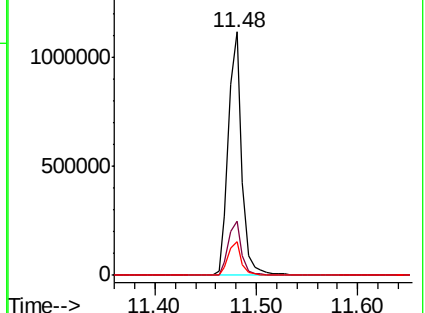
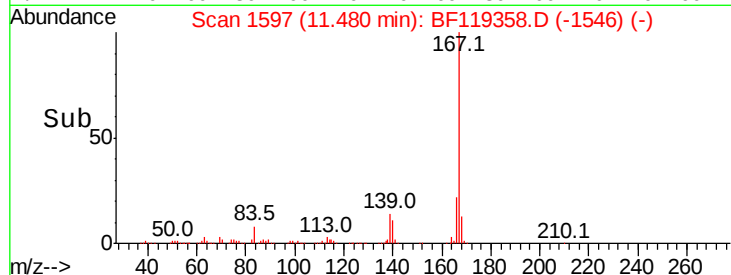


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.224 ng

RT: 11.80 min Scan# 1651

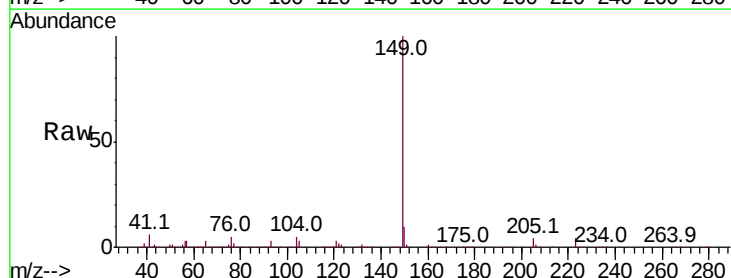
Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Tgt Ion:149 Resp: 1340710

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.4	4.6	6.8

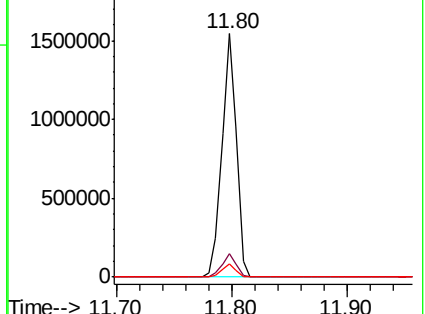
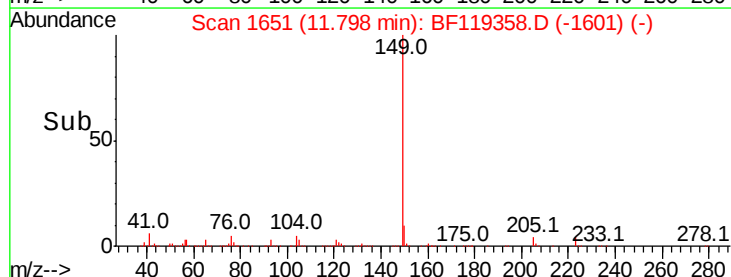


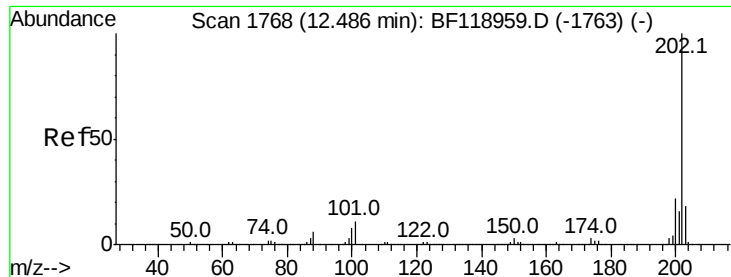
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

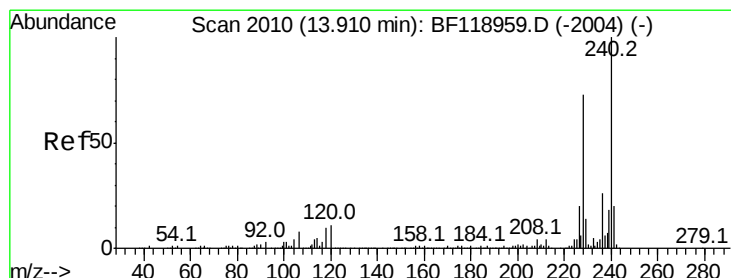
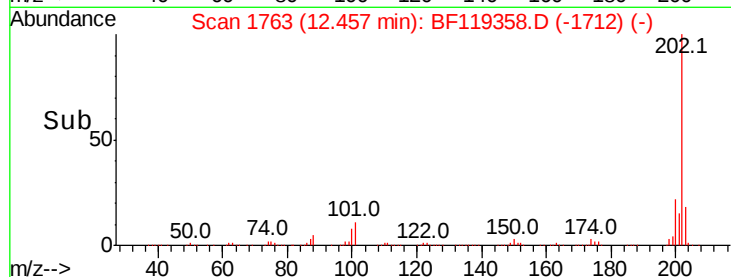
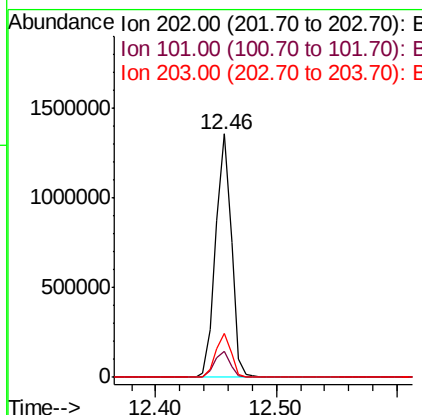
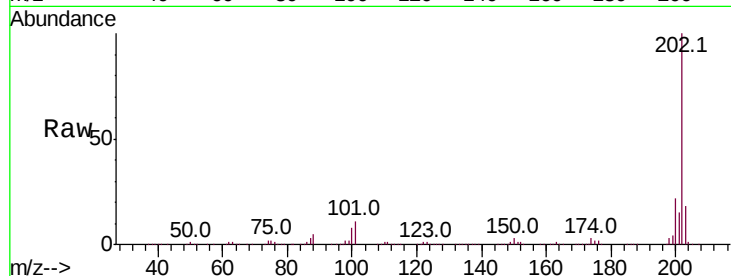




#75
 Fluoranthene
 Concen: 45.913 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

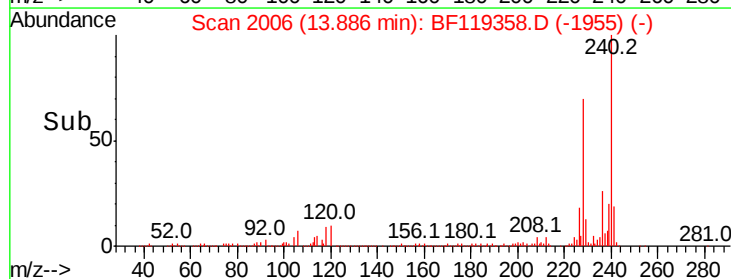
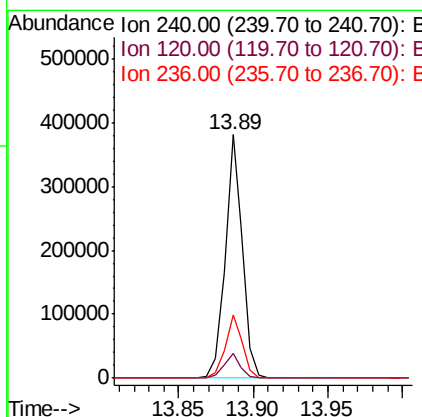
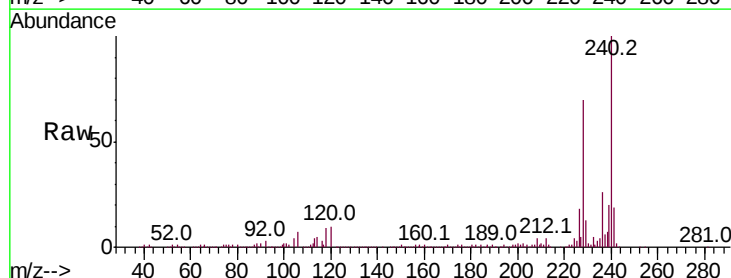
Instrument :
 BNA_F
 ClientSampleId :

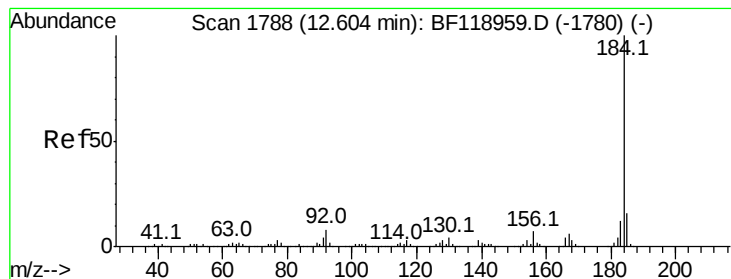
Tot Ion:202 Resp: 1206885
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 30.3
 203 18.1 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Tgt Ion:240 Resp: 309363
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 26.1 21.0 31.4





#77

Benzidine

Concen: 52.808 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

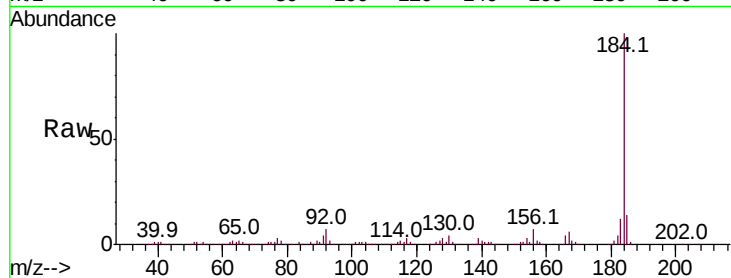
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 664412

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.2	18.4
183	12.2	9.9	14.9

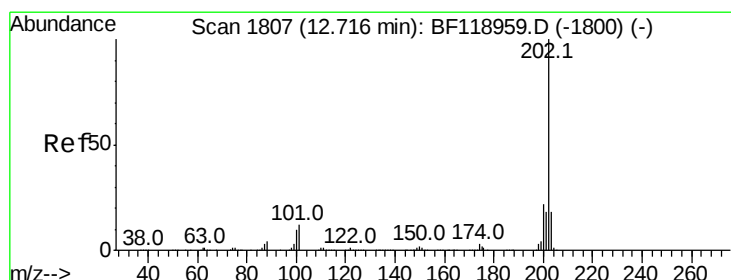
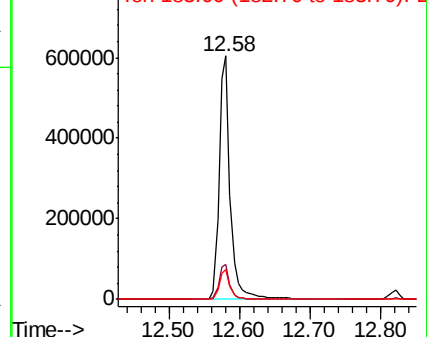
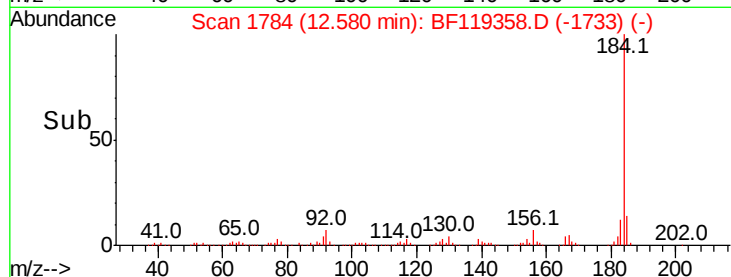


Abundance

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: 48.562 ng

RT: 12.69 min Scan# 1802

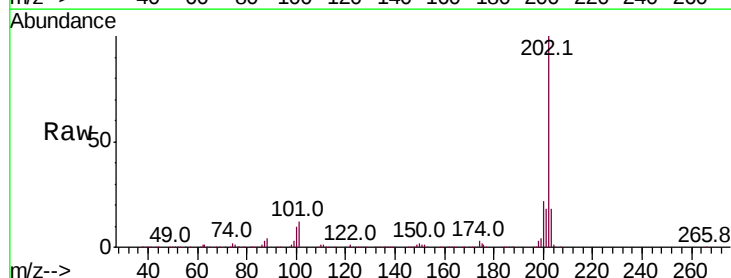
Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Tgt Ion:202 Resp: 1206357

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.0	27.0
203	17.5	14.6	22.0

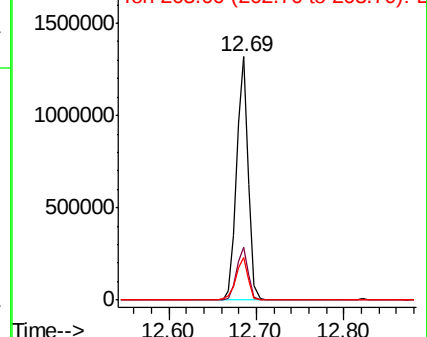
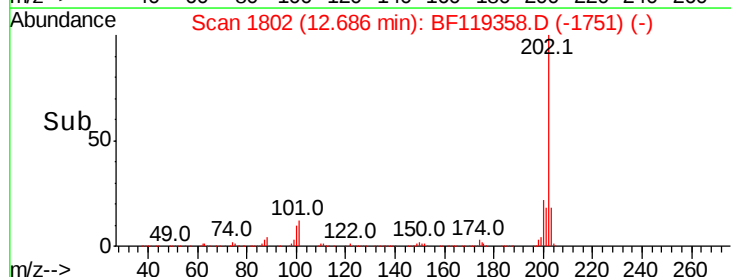


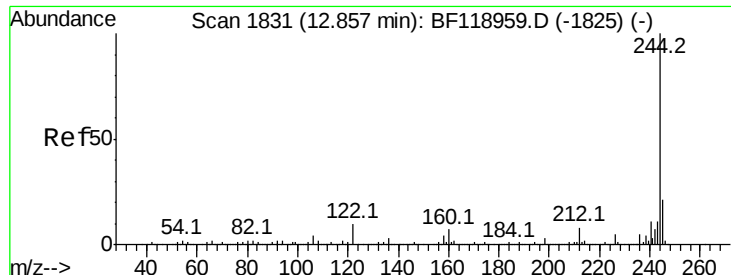
Abundance

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: 85.413 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

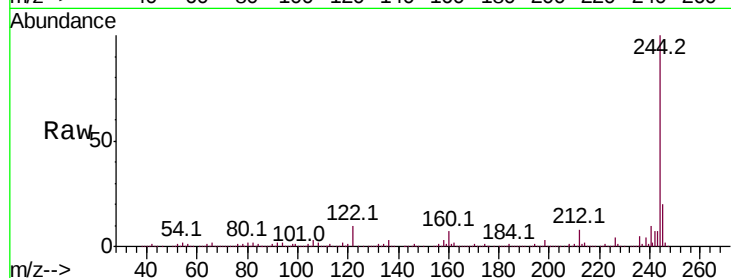
Tot Ion:244 Resp: 1534772

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

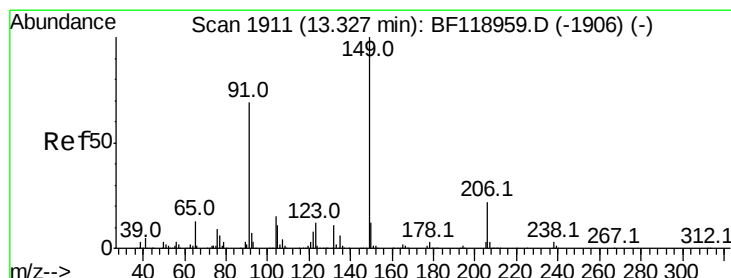
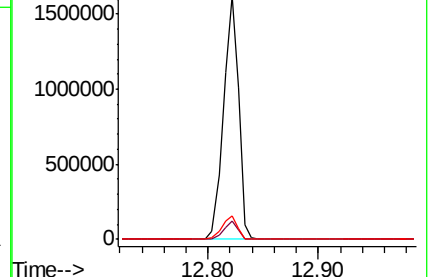
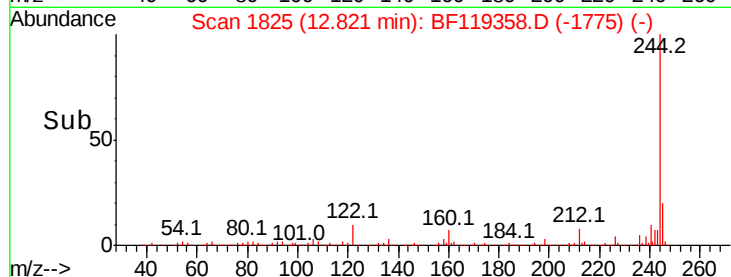
122 9.9 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.699 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

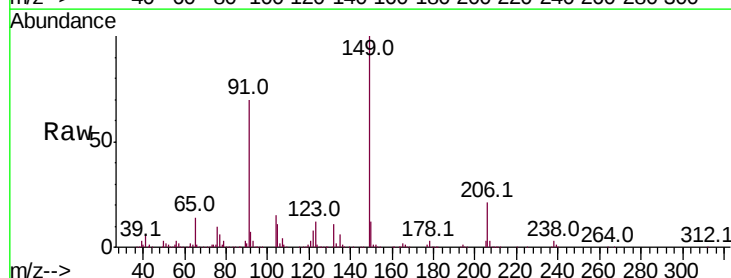
Tgt Ion:149 Resp: 561428

Ion Ratio Lower Upper

149 100

91 69.9 52.3 78.5

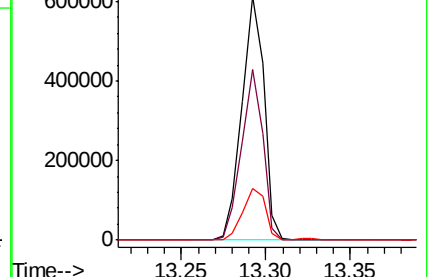
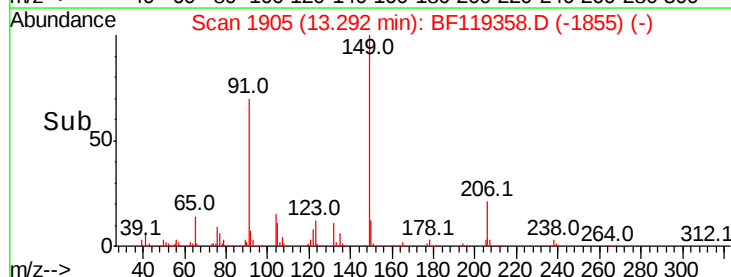
206 21.4 18.5 27.7

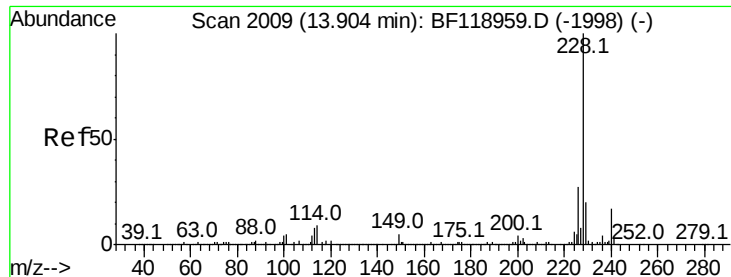


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

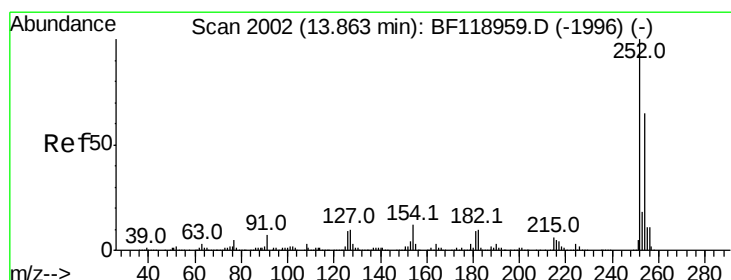
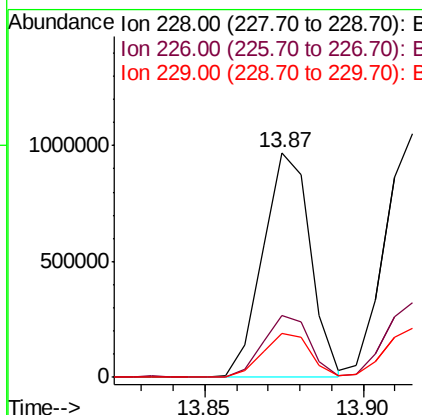
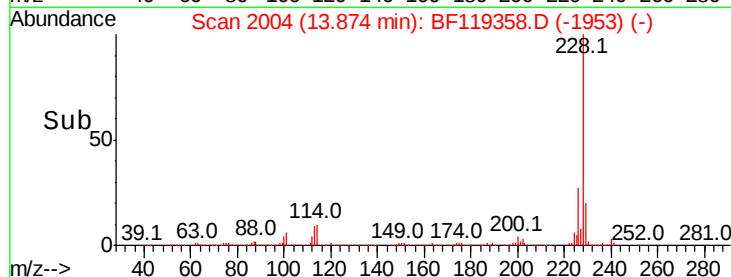
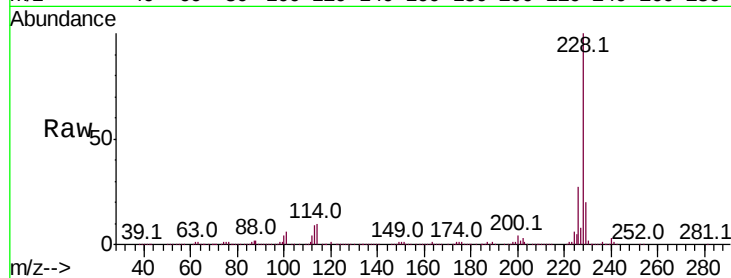




#81
Benzo(a)anthracene
Concen: 47.682 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

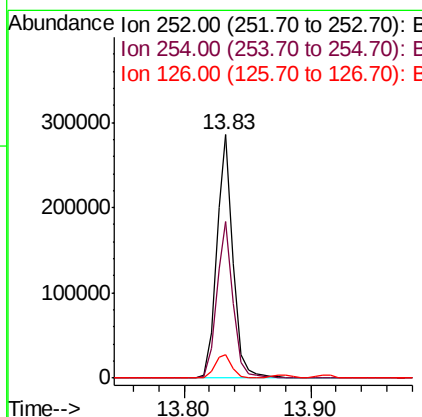
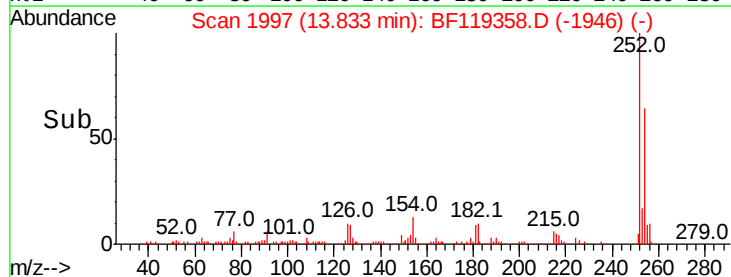
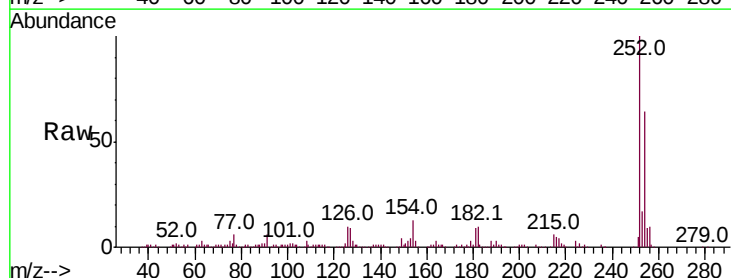
Instrument :
BNA_F
ClientSampleId :

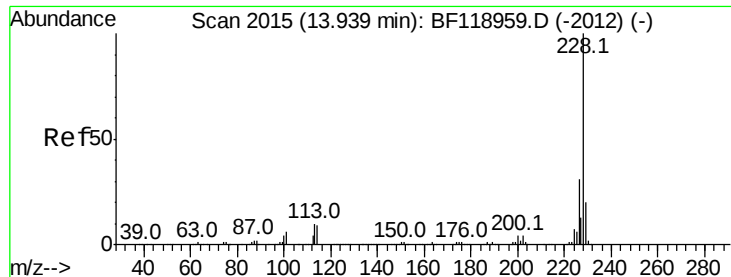
Tot Ion:228 Resp: 1005079
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 31.568 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:252 Resp: 258389
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 9.8 7.4 11.0

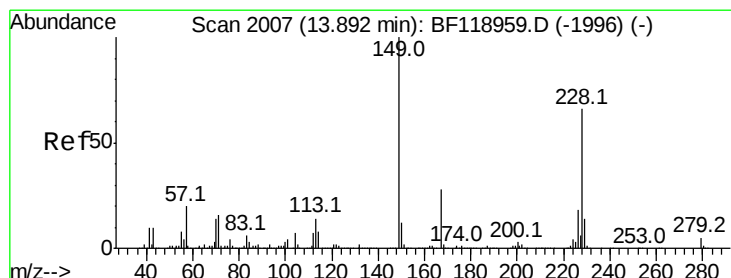
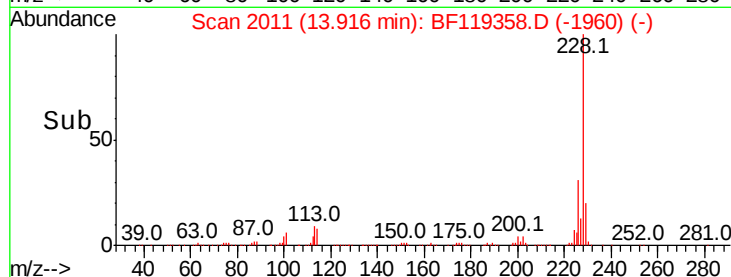
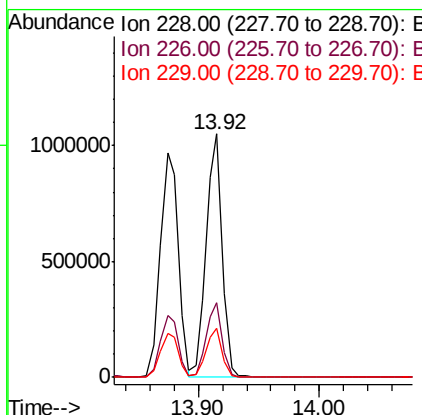
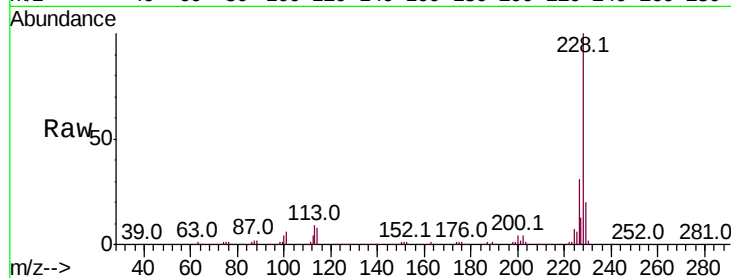




#83
 Chrvsene
 Concen: 45.773 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

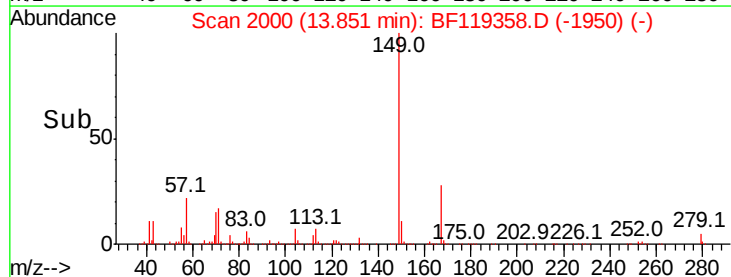
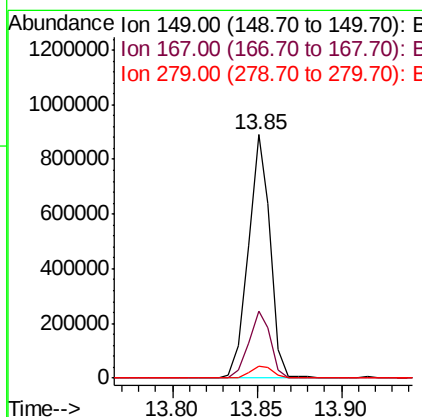
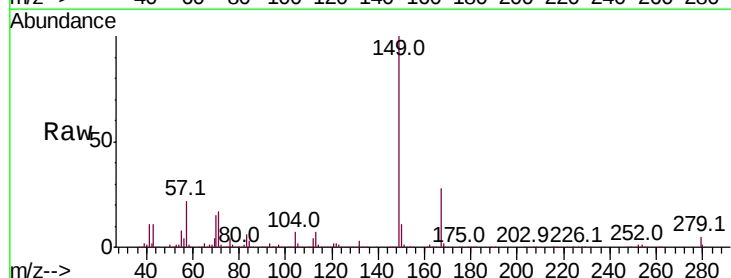
Instrument :
 BNA_F
 ClientSampled :

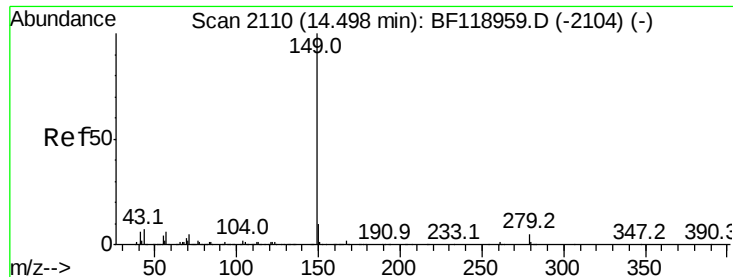
Tot Ion:228 Resp: 961393
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.1 37.7
 229 20.0 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.627 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF119358.D
 Acq: 11 Mar 2020 21:08

Tgt Ion:149 Resp: 800797
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.8 34.2
 279 5.0 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 59.687 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

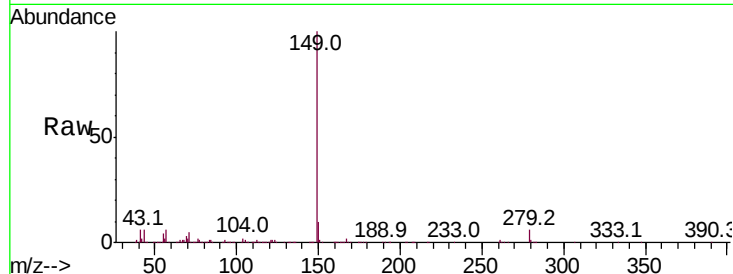
Tot Ion:149 Resp: 1256111

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

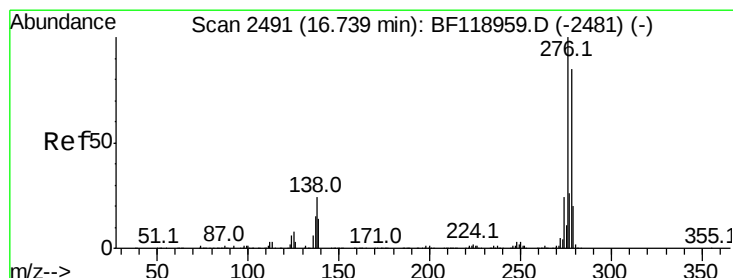
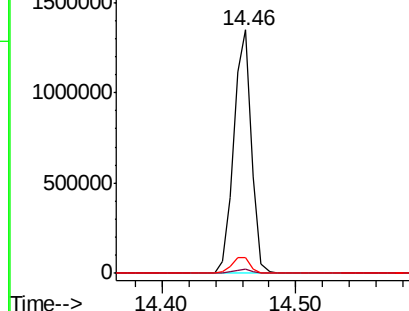
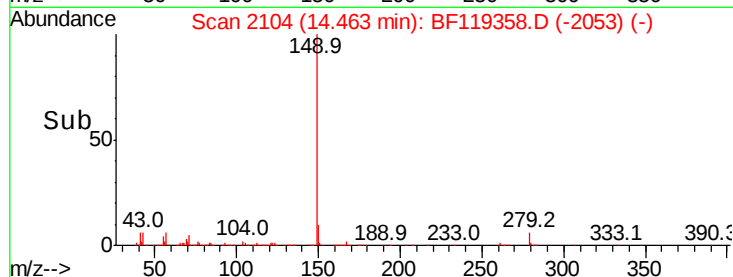
43 6.8 5.7 8.5



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: 48.794 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.02 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

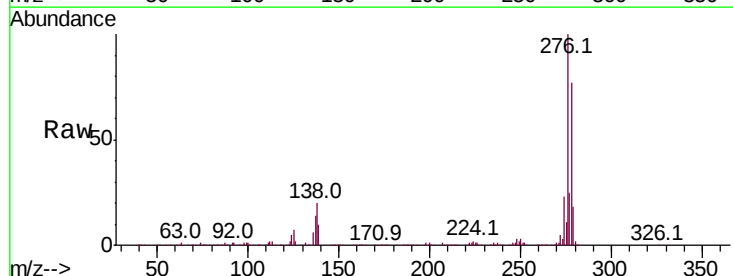
Tgt Ion:276 Resp: 992333

Ion Ratio Lower Upper

276 100

138 21.8 17.4 26.0

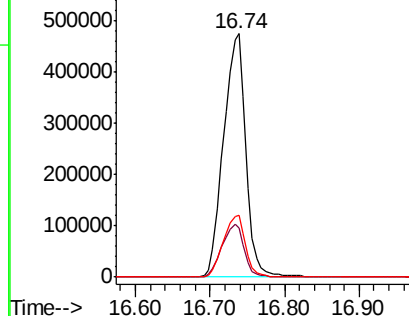
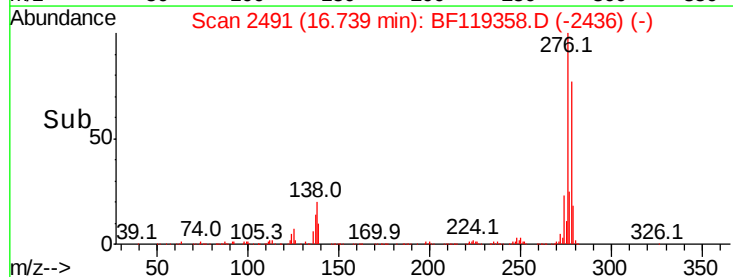
277 25.5 20.3 30.5

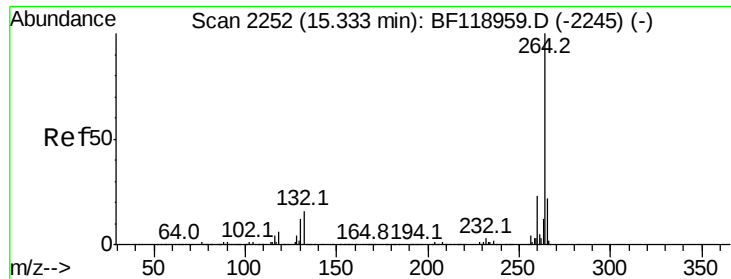


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

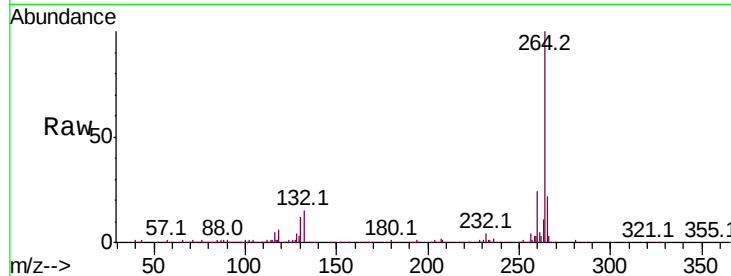




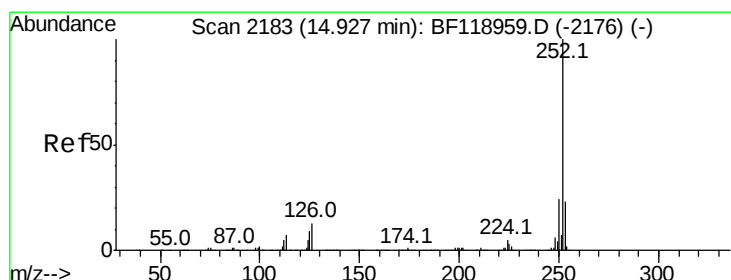
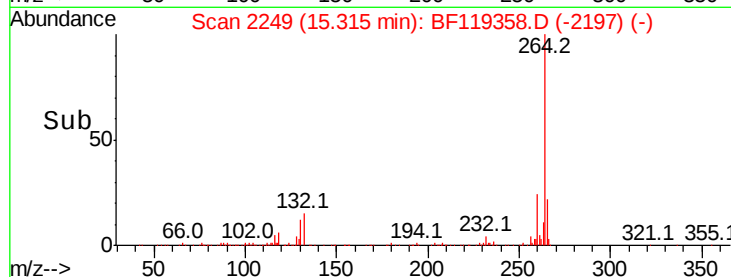
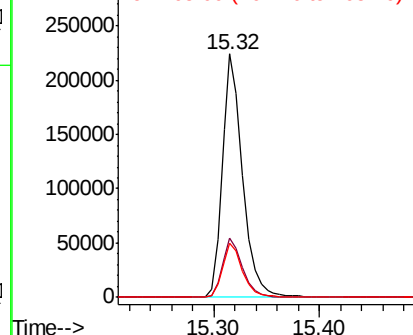
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 301319
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.2 17.7 26.5

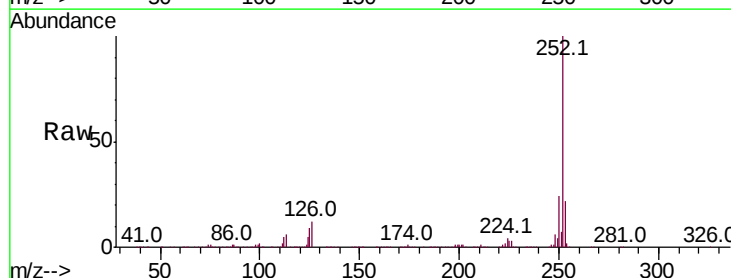


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

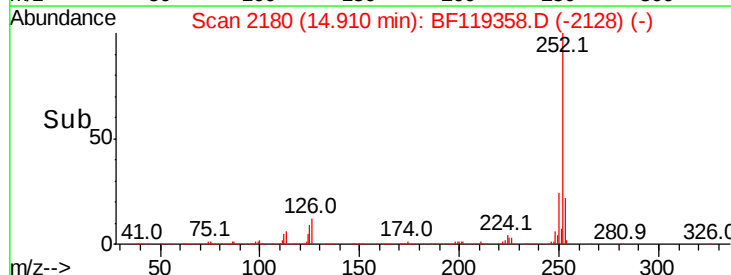
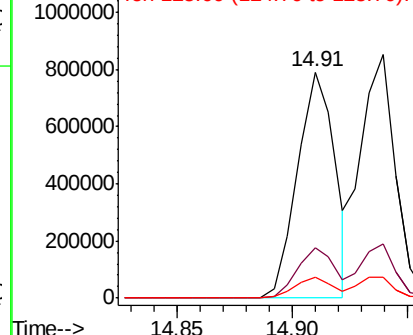


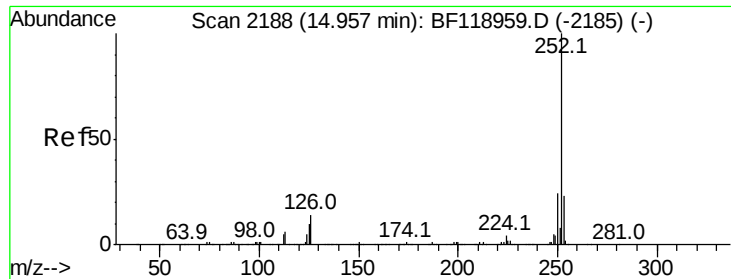
#88
Benzo(b)fluoranthene
Concen: 45.114 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119358.D
Acq: 11 Mar 2020 21:08

Tgt Ion:252 Resp: 896013
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.2 7.4 11.0



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





#89

Benzo(k)fluoranthene

Concen: 48.770 ng

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

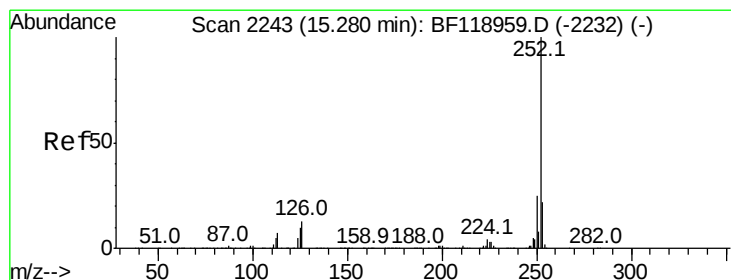
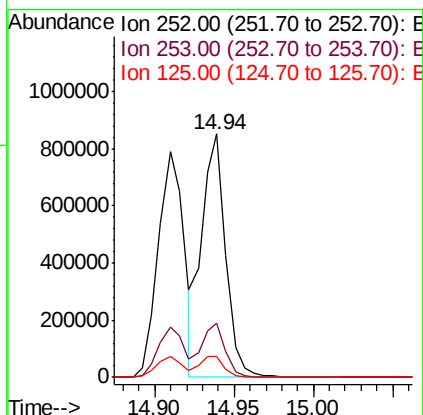
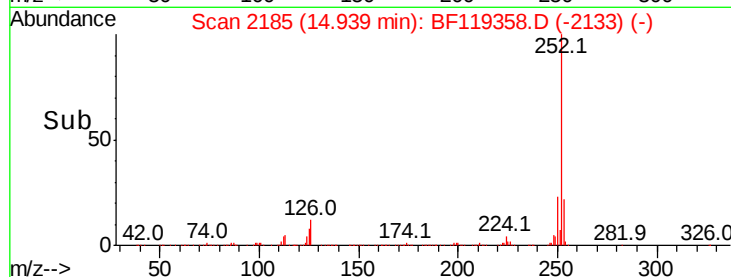
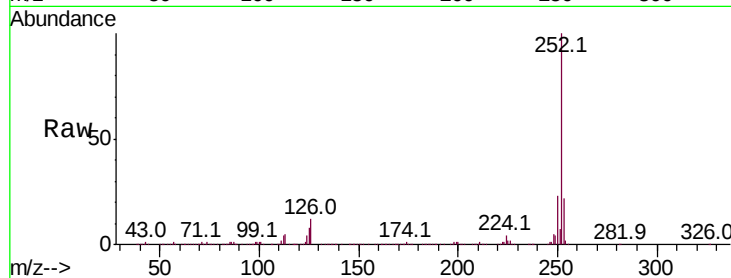
Tot Ion:252 Resp: 897646

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.3 7.5 11.3



#90

Benzo(a)pyrene

Concen: 44.583 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

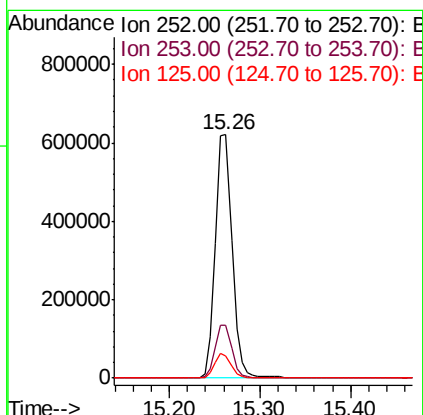
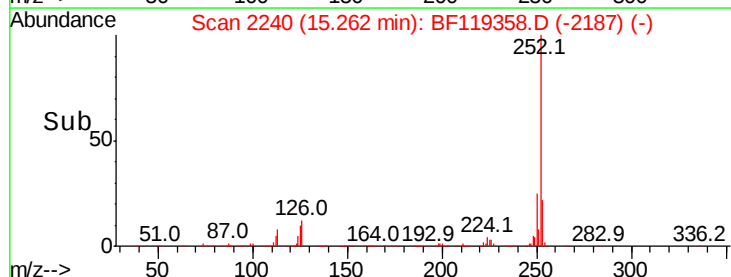
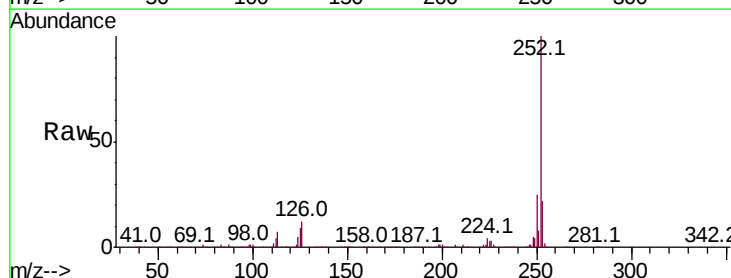
Tgt Ion:252 Resp: 799162

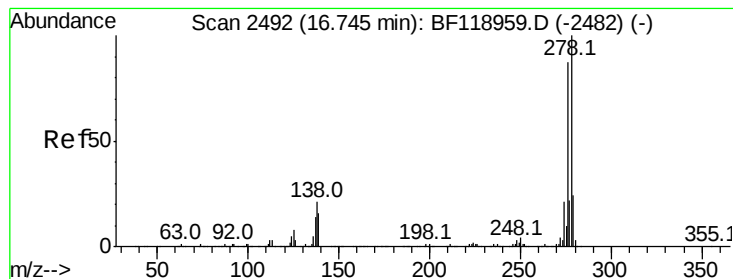
Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 9.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 53.620 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

Instrument :

BNA_F

ClientSampleId :

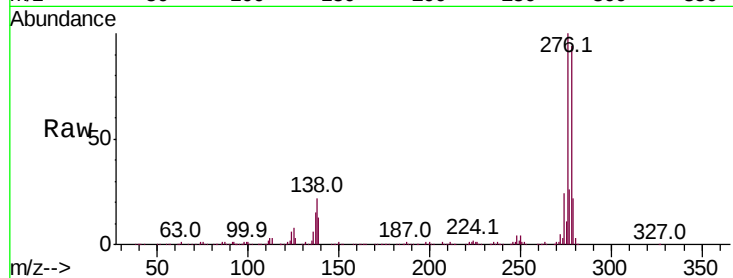
Tot Ion:278 Resp: 845701

Ion Ratio Lower Upper

278 100

139 14.1 11.0 16.4

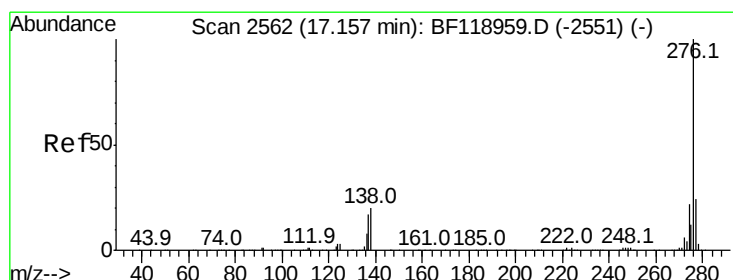
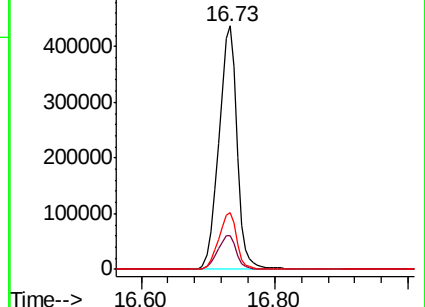
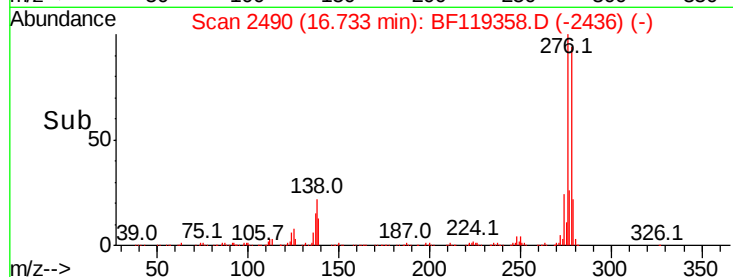
279 23.4 18.6 28.0



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: 53.125 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

Lab File: BF119358.D

Acq: 11 Mar 2020 21:08

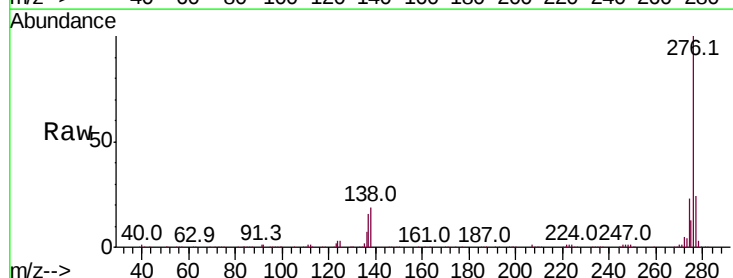
Tgt Ion:276 Resp: 827881

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 18.6 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

