

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119256.D
 Acq On : 6 Mar 2020 18:13
 Operator : CG/JU
 Sample : L1783-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:48:24 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	102563	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	386628	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	216358	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	414722	20.00	ng	0.00
76) Chrysene-d12	13.89	240	310256	20.00	ng	0.00
87) Perylene-d12	15.31	264	301716	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	745878	121.53	ng	0.00
7) Phenol-d6	6.39	99	881542	118.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	599599	81.88	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	321504	113.59	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1181711	80.46	ng	0.00
79) Terphenyl-d14	12.82	244	1529907	84.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	110345	40.383	ng	100
3) Pyridine	3.16	79	260073	34.851	ng	98
4) n-Nitrosodimethylamine	3.10	42	109377	48.384	ng	98
6) Aniline	6.39	93	274451	29.800	ng	96
8) 2-Chlorophenol	6.52	128	334509	50.506	ng	96
9) Benzaldehyde	6.27	77	246437	49.418	ng	99
10) Phenol	6.40	94	395198	48.972	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	301403	48.813	ng	96
12) 1,3-Dichlorobenzene	6.66	146	365964	46.101	ng	97
13) 1,4-Dichlorobenzene	6.74	146	379228	47.739	ng	98
14) 1,2-Dichlorobenzene	6.89	146	345539	47.695	ng	99
15) Benzyl Alcohol	6.88	79	278927	51.706	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	240706	45.002	ng	# 42
17) 2-Methylphenol	7.00	107	266696	49.666	ng	95
18) Hexachloroethane	7.23	117	132837	46.741	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	227227	52.245	ng	96
20) 3+4-Methylphenols	7.15	107	355610	54.055	ng	89
22) Acetophenone	7.14	105	455241	50.890	ng	# 95
24) Nitrobenzene	7.31	77	345987	47.780	ng	97
25) Isophorone	7.55	82	621043	48.836	ng	99
26) 2-Nitrophenol	7.63	139	185289	48.293	ng	99
27) 2,4-Dimethylphenol	7.67	122	287070	55.130	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	373544	45.128	ng	99
29) 2,4-Dichlorophenol	7.88	162	293507	47.880	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	322572	44.382	ng	98
31) Naphthalene	8.03	128	960884	47.922	ng	98
32) Benzoic acid	7.84	122	148248	40.268	ng	98
33) 4-Chloroaniline	8.09	127	124276	14.410	ng	98
34) Hexachlorobutadiene	8.15	225	197527	43.631	ng	99
35) Caprolactam	8.46	113	54763	29.013	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	308248	49.686	ng	99
37) 2-Methylnaphthalene	8.72	142	661452	49.019	ng	98
38) 1-Methylnaphthalene	8.82	142	617125	48.630	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	327993	44.963	ng	99

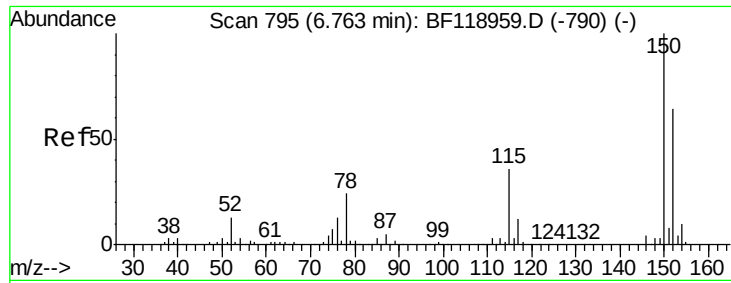
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	123185	50.339	ng	100
43) 2,4,6-Trichlorophenol	9.01	196	204705	44.438	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	215823	44.648	ng	98
46) 1,1'-Biphenyl	9.18	154	797757	45.622	ng	99
47) 2-Chloronaphthalene	9.21	162	634500	45.028	ng	97
48) 2-Nitroaniline	9.32	65	185303	47.147	ng	92
49) Acenaphthylene	9.62	152	973943	47.855	ng	99
50) Dimethylphthalate	9.49	163	877550	53.042	ng	100
51) 2,6-Dinitrotoluene	9.56	165	173940	47.322	ng	100
52) Acenaphthene	9.79	154	575762	46.917	ng	98
53) 3-Nitroaniline	9.73	138	81351	19.964	ng	99
54) 2,4-Dinitrophenol	9.85	184	113957	65.304	ng	95
55) Dibenzofuran	9.97	168	860489	46.978	ng	98
56) 4-Nitrophenol	9.92	139	155711	63.599	ng	90
57) 2,4-Dinitrotoluene	9.97	165	225946	47.424	ng	98
58) Fluorene	10.31	166	700946	49.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	184097	45.135	ng	98
60) Diethylphthalate	10.19	149	753908	48.355	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	364384	48.366	ng	97
62) 4-Nitroaniline	10.35	138	159405	38.235	ng	97
63) Azobenzene	10.46	77	675033	49.810	ng	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	114670	45.694	ng	98
66) n-Nitrosodiphenylamine	10.42	169	640223	47.146	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	238657	44.025	ng	93
68) Hexachlorobenzene	10.86	284	273289	43.726	ng	98
69) Atrazine	10.95	200	212943	44.882	ng	99
70) Pentachlorophenol	11.06	266	174909	69.472	ng	99
71) Phenanthrene	11.27	178	1062094	46.960	ng	98
72) Anthracene	11.32	178	1112747	49.241	ng	98
73) Carbazole	11.48	167	970322	48.198	ng	99
74) Di-n-butylphthalate	11.80	149	1177508	48.298	ng	98
75) Fluoranthene	12.46	202	1171270	48.788	ng	99
77) Benzidine	12.58	184	498249	39.488	ng	99
78) Pyrene	12.69	202	1178402	47.300	ng	99
80) Butylbenzylphthalate	13.30	149	504926	48.156	ng	99
81) Benzo(a)anthracene	13.87	228	1024922	48.483	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	249447	30.388	ng	100
83) Chrysene	13.92	228	991528	47.072	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	701421	52.951	ng	99
85) Di-n-octyl phthalate	14.46	149	1118030	52.972	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	987115	48.398	ng	100
88) Benzo(b)fluoranthene	14.90	252	909420	45.728	ng	99
89) Benzo(k)fluoranthene	14.93	252	927658	50.334	ng	98
90) Benzo(a)pyrene	15.25	252	817236	45.531	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	835741	52.918	ng	99
92) Benzo(g,h,i)perylene	17.14	276	853905	54.722	ng	100

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

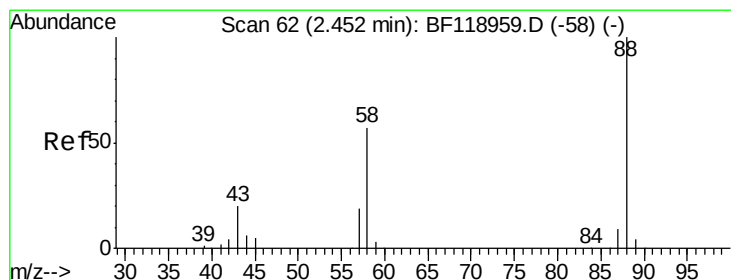
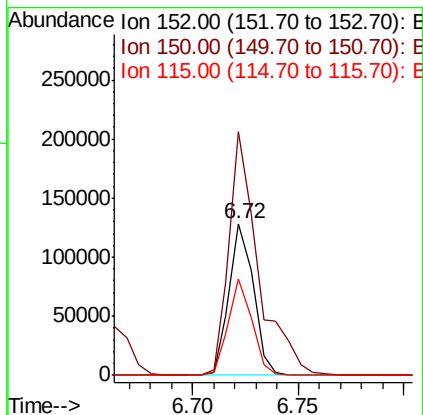
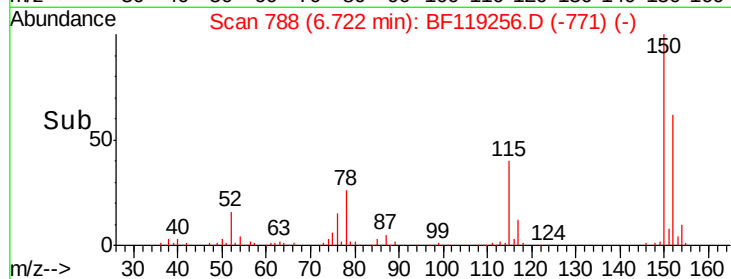
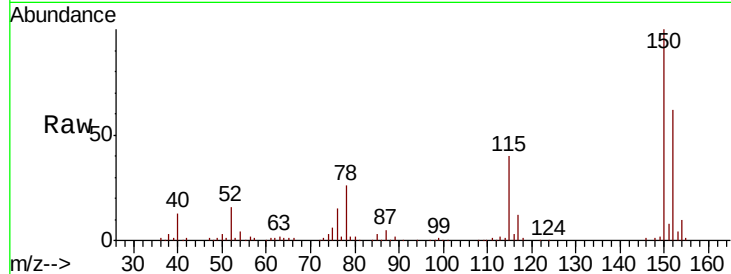


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

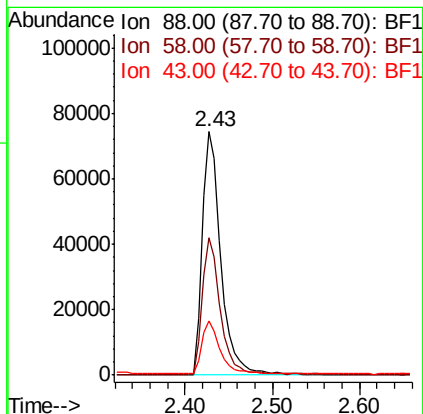
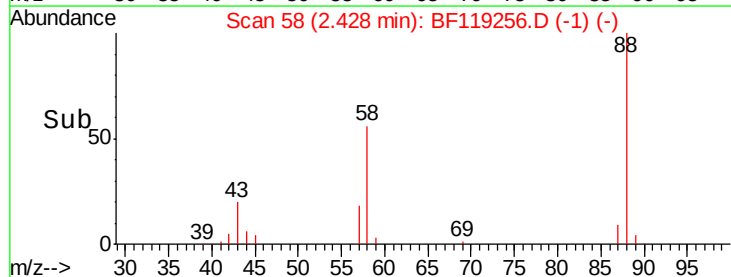
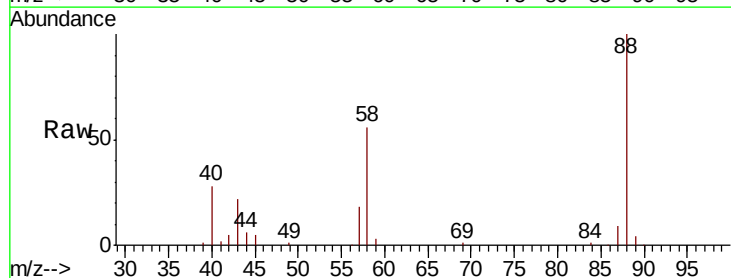
Tot Ion:152 Resp: 102563
Ion Ratio Lower Upper
152 100
150 160.7 123.0 184.6
115 63.8 49.5 74.3

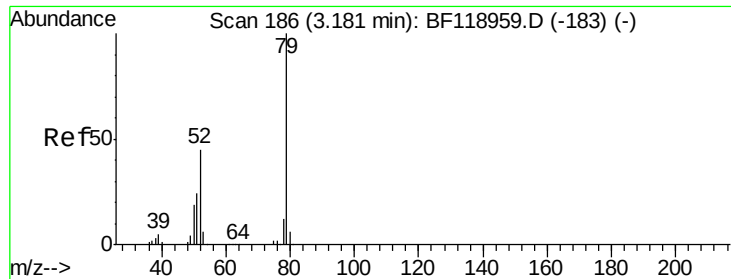


#2

1,4-Dioxane
Concen: 40.383 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion: 88 Resp: 110345
Ion Ratio Lower Upper
88 100
58 55.0 43.8 65.6
43 20.7 16.2 24.4





#3

Pvridine

Concen: 34.851 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.06 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampled :

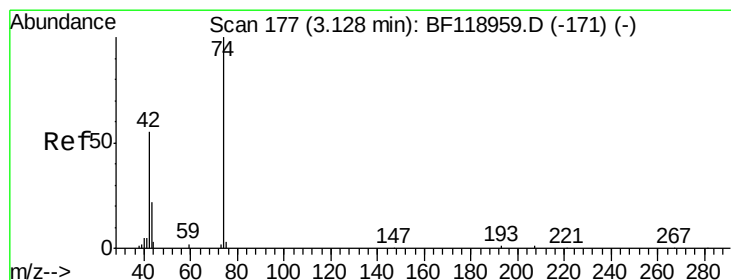
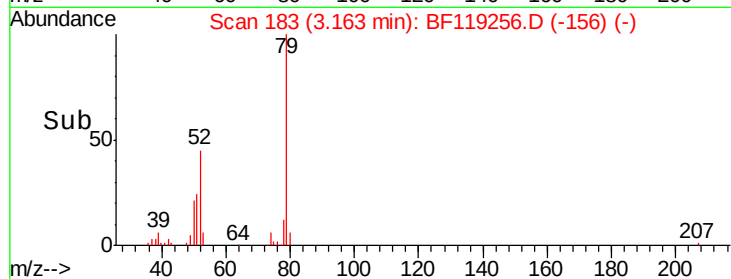
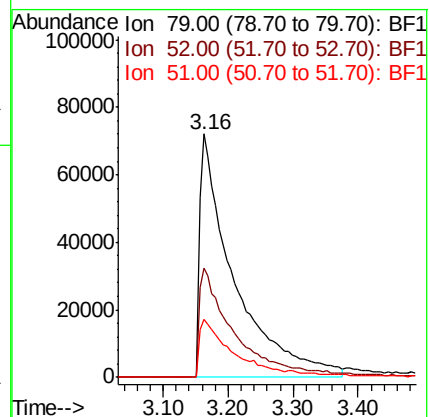
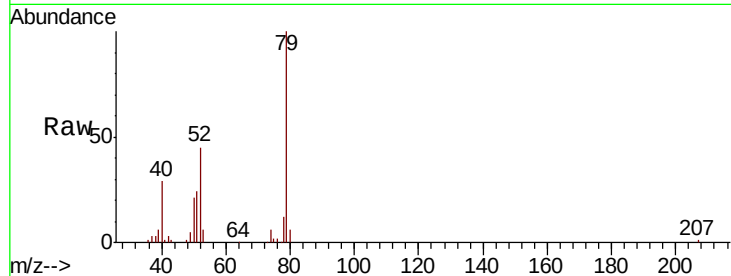
Tot Ion: 79 Resp: 260073

Ion Ratio Lower Upper

79 100

52 45.0 37.4 56.0

51 23.9 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 48.384 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.05 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

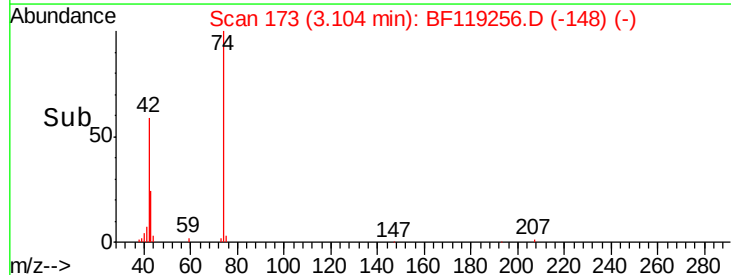
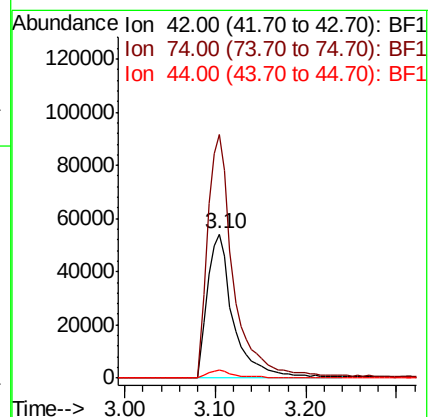
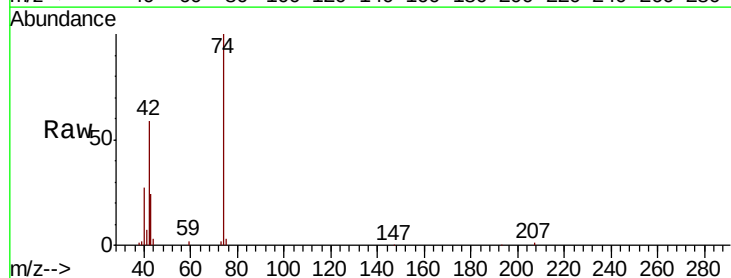
Tgt Ion: 42 Resp: 109377

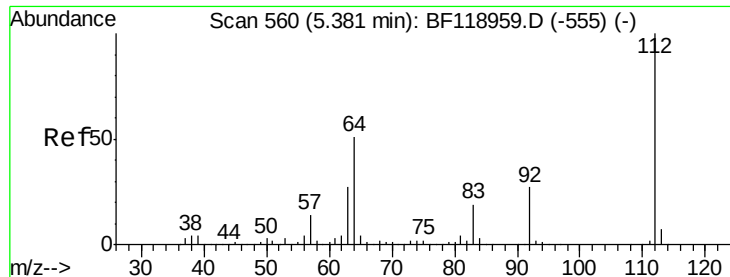
Ion Ratio Lower Upper

42 100

74 169.3 137.7 206.5

44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 121.535 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

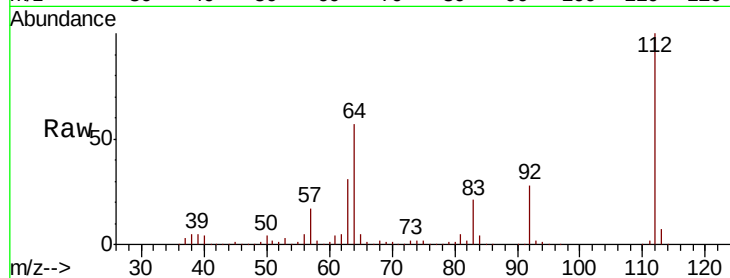
Tot Ion: 112 Resp: 745878

Ion Ratio Lower Upper

112 100

64 56.6 45.0 67.4

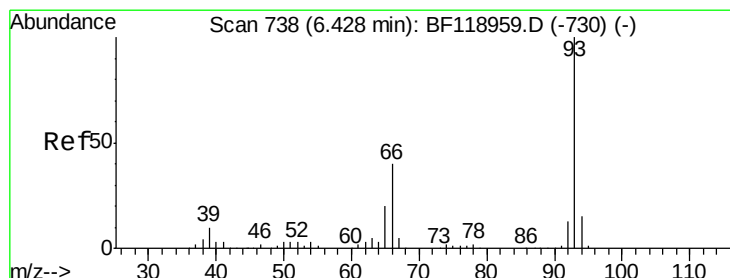
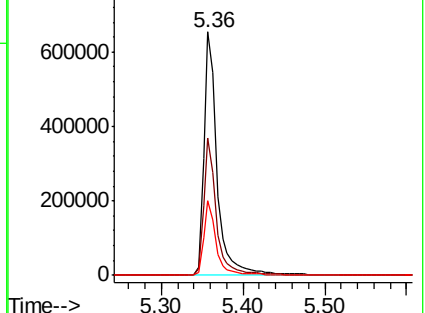
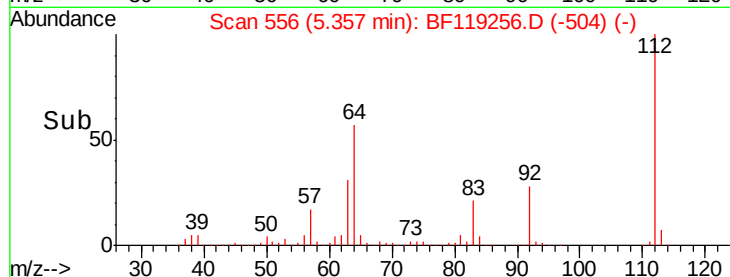
63 30.6 24.2 36.4



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: 29.800 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

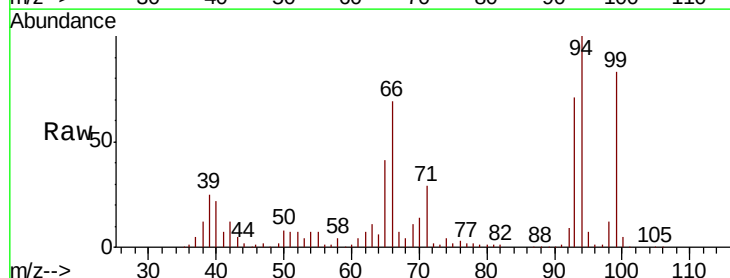
Tgt Ion: 93 Resp: 274451

Ion Ratio Lower Upper

93 100

66 97.9 74.5 111.7

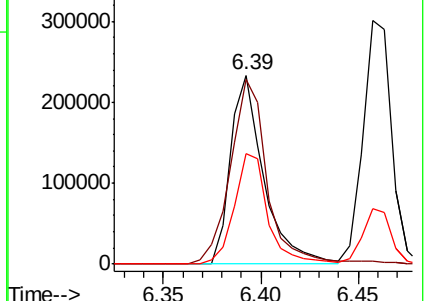
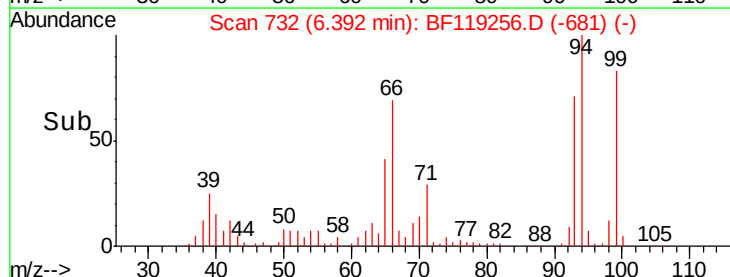
65 58.3 45.3 67.9

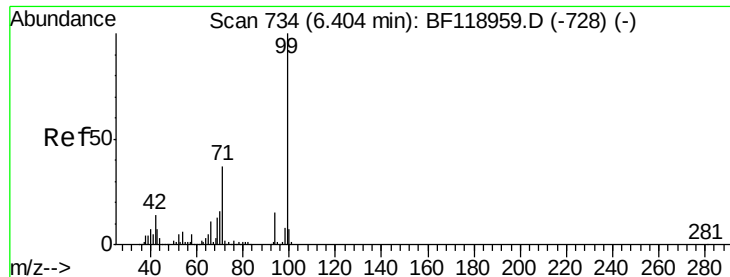


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.107 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampled :

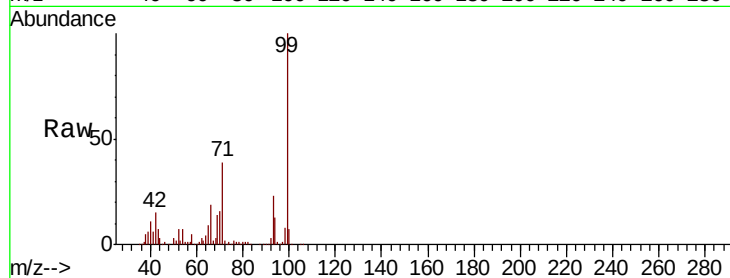
Tot Ion: 99 Resp: 881542

Ion Ratio Lower Upper

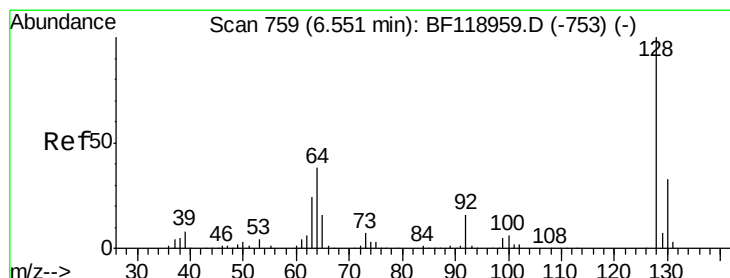
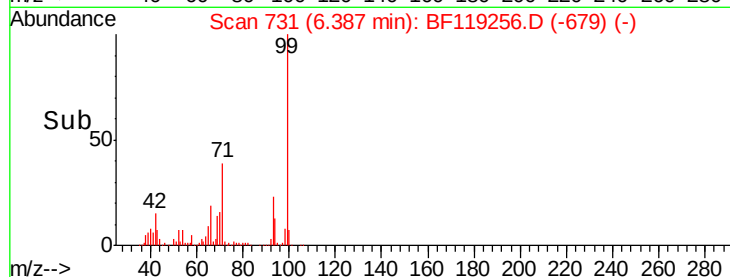
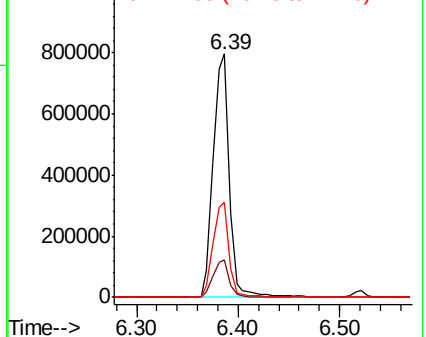
99 100

42 15.3 12.6 18.8

71 39.1 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: 50.506 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

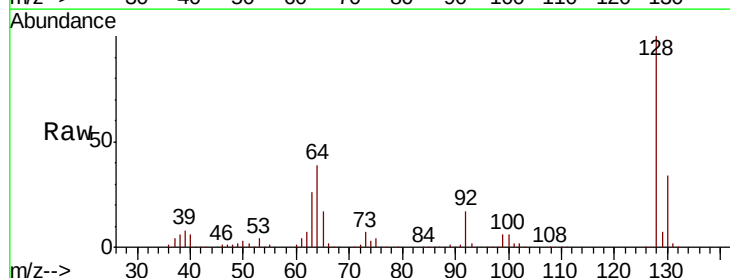
Tgt Ion: 128 Resp: 334509

Ion Ratio Lower Upper

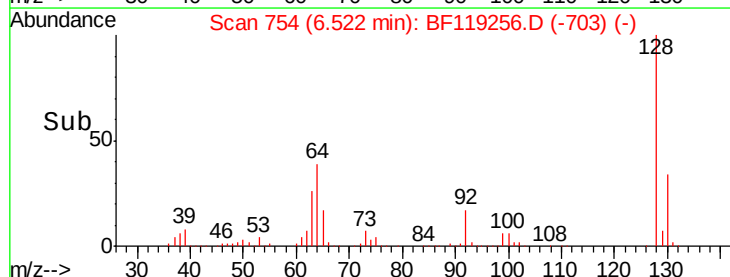
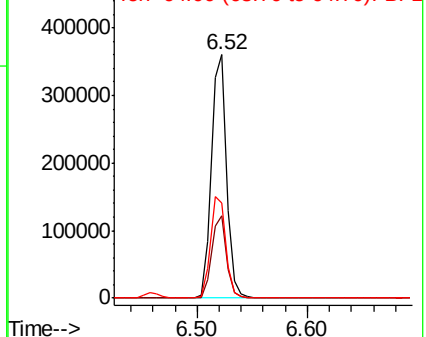
128 100

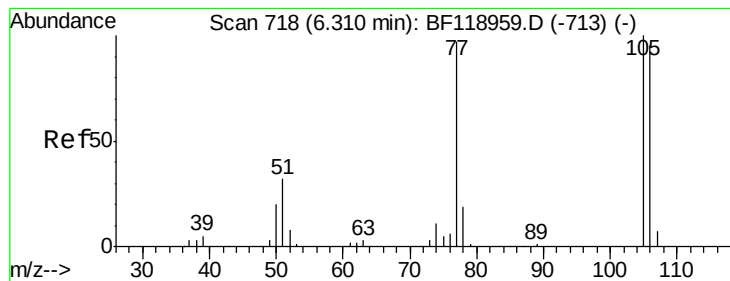
130 33.6 12.7 52.7

64 39.2 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: 49.418 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

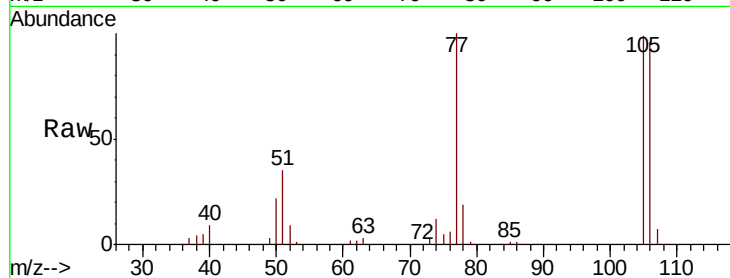
Tot Ion: 77 Resp: 246437

Ion Ratio Lower Upper

77 100

105 99.4 80.1 120.1

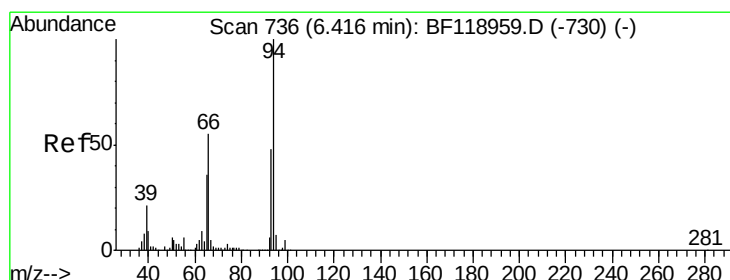
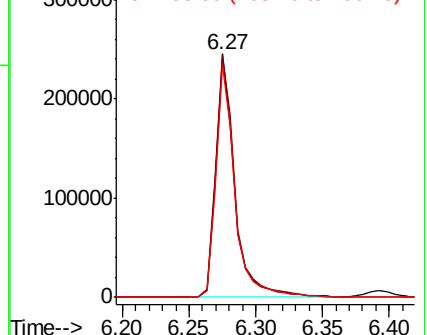
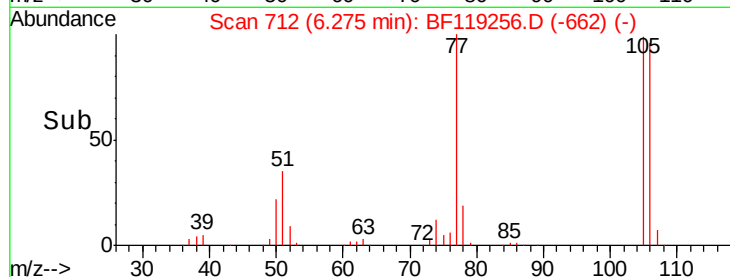
106 95.5 75.9 115.9



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: 48.972 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

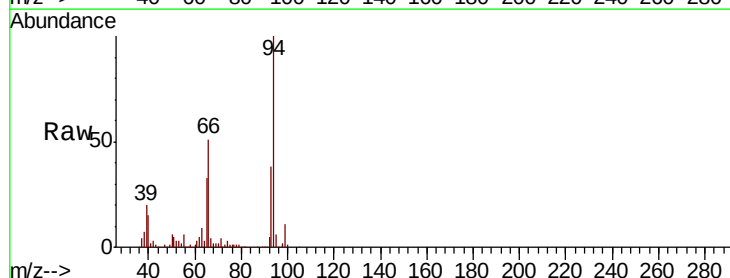
Tgt Ion: 94 Resp: 395198

Ion Ratio Lower Upper

94 100

65 33.4 19.2 59.2

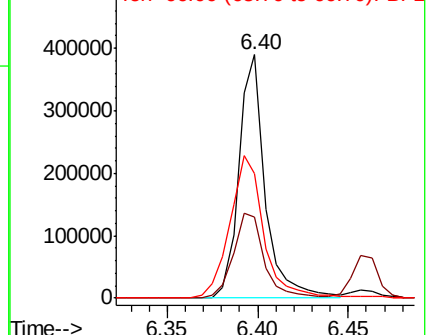
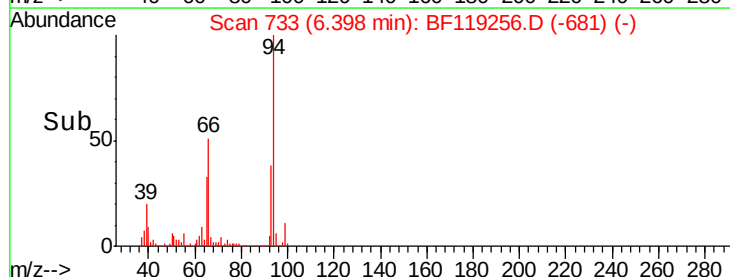
66 51.2 44.4 84.4

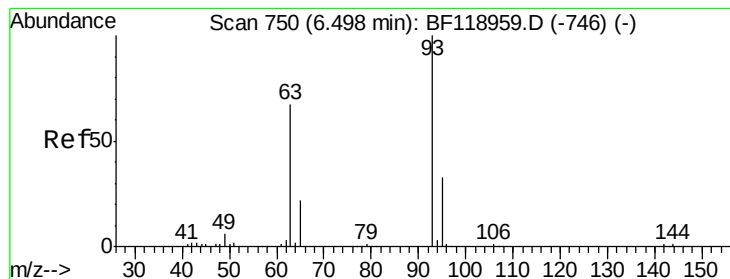


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.813 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

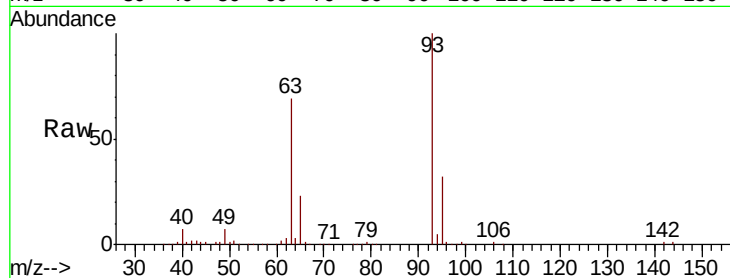
Tot Ion: 93 Resp: 301403

Ion Ratio Lower Upper

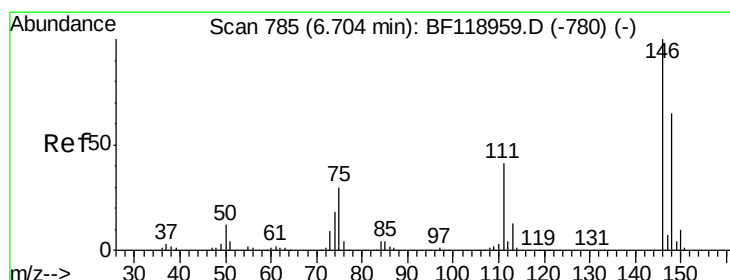
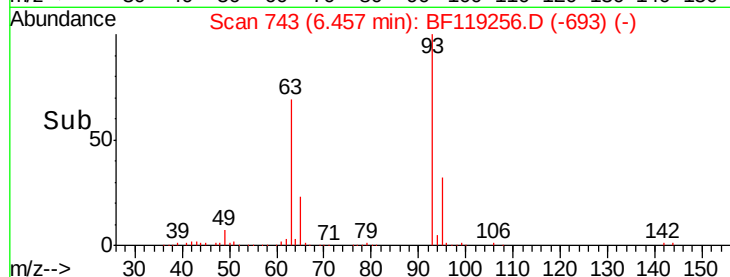
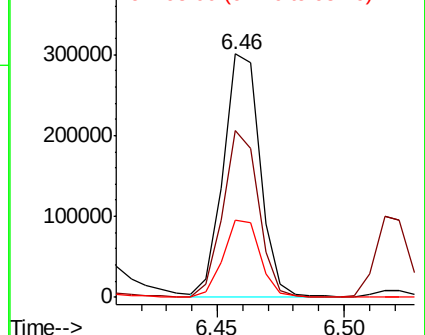
93 100

63 68.7 45.4 85.4

95 31.7 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: 46.101 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

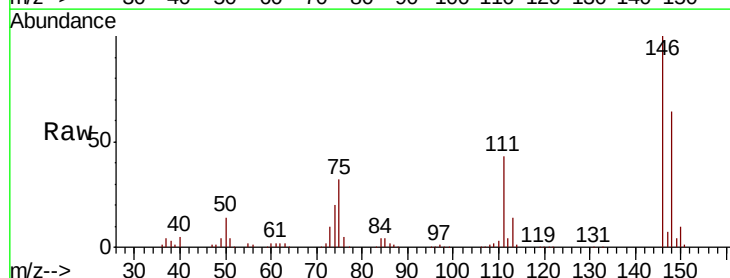
Tgt Ion: 146 Resp: 365964

Ion Ratio Lower Upper

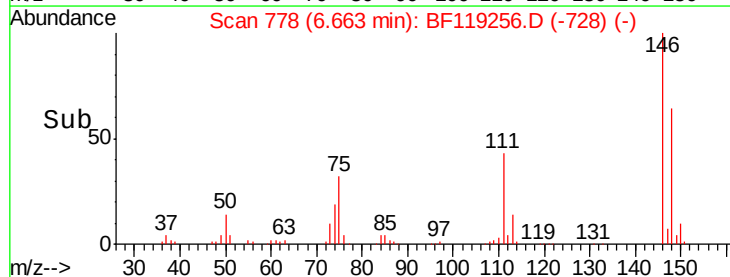
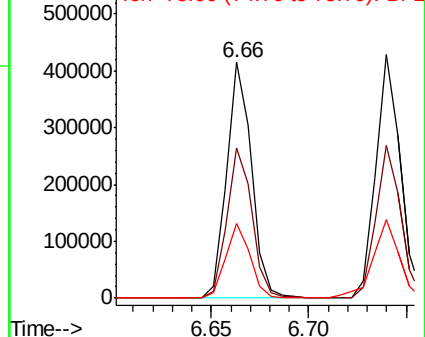
146 100

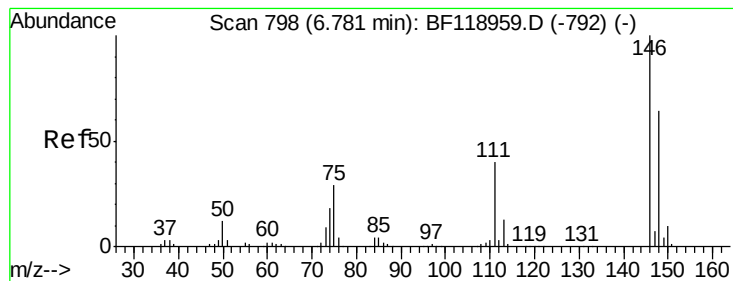
148 63.6 52.5 78.7

75 31.9 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: 47.739 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampled :

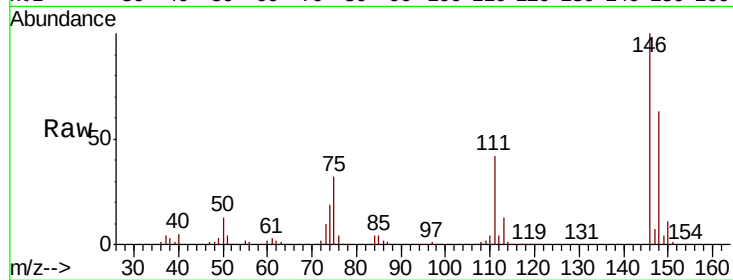
Tot Ion:146 Resp: 379228

Ion Ratio Lower Upper

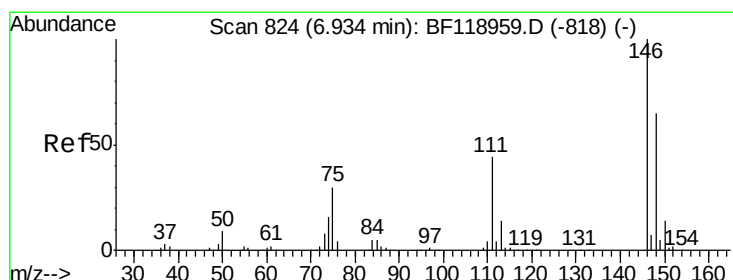
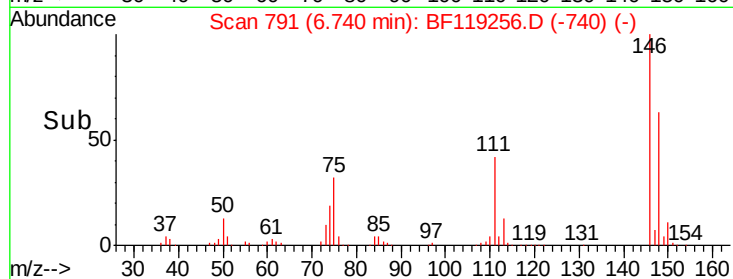
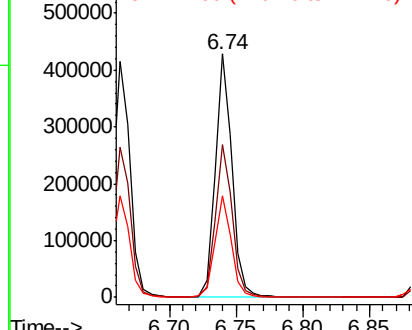
146 100

148 63.0 51.1 76.7

111 41.6 34.8 52.2



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



#14

1,2-Dichlorobenzene

Concen: 47.695 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

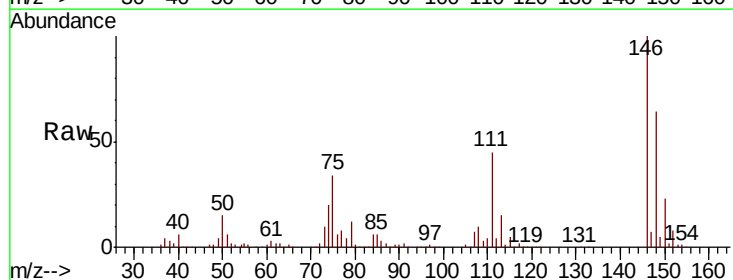
Tgt Ion:146 Resp: 345539

Ion Ratio Lower Upper

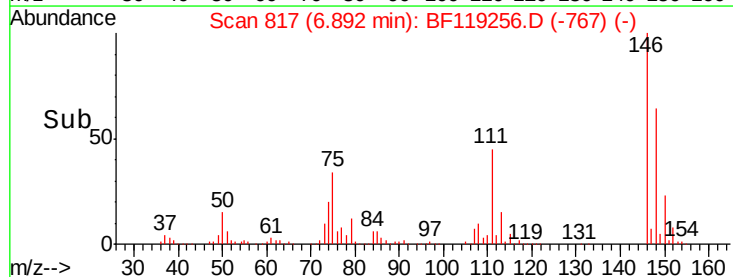
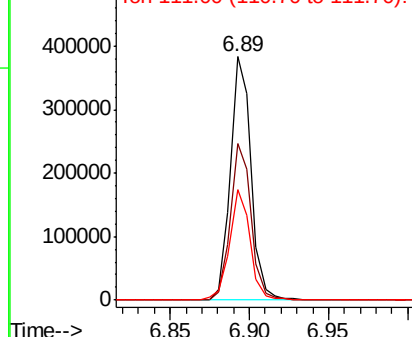
146 100

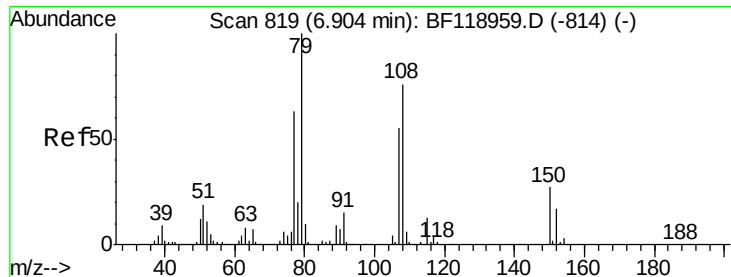
148 64.3 51.9 77.9

111 45.4 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 51.706 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

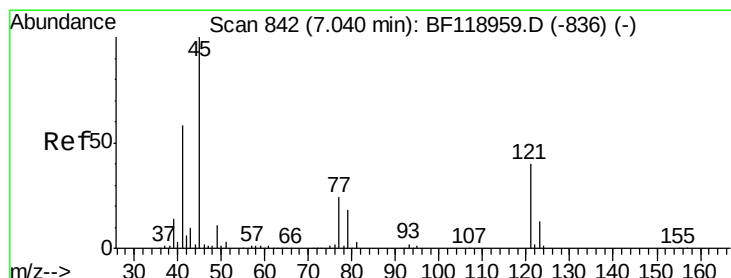
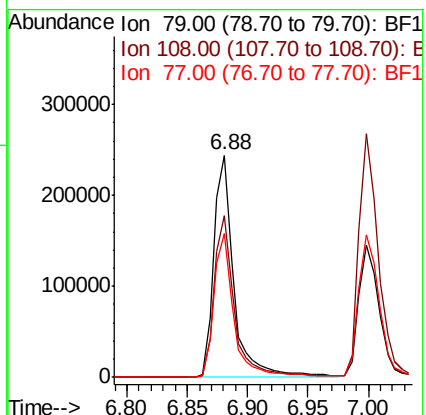
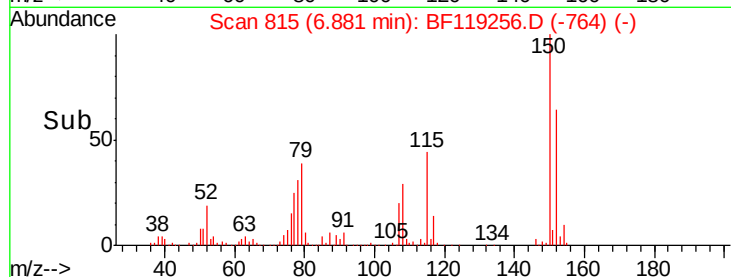
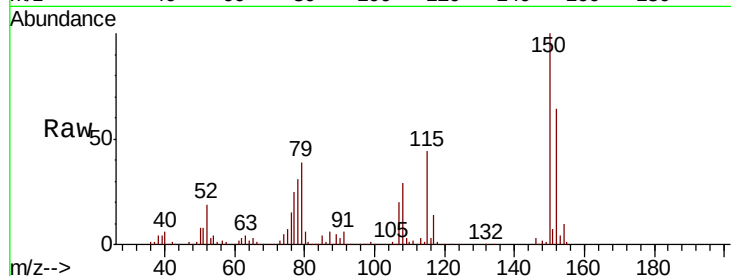
Tot Ion: 79 Resp: 278927

Ion Ratio Lower Upper

79 100

108 72.9 58.2 87.2

77 64.6 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.002 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

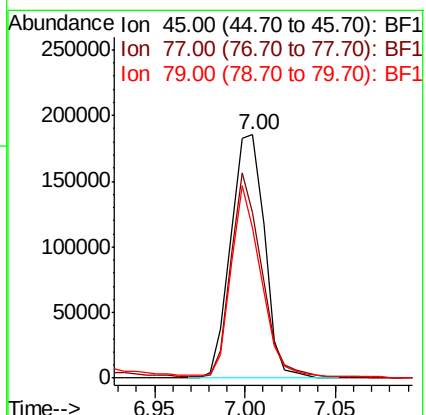
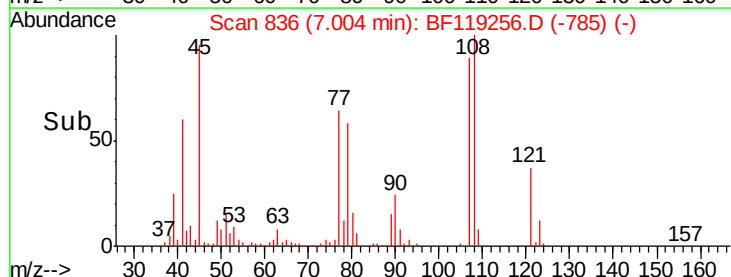
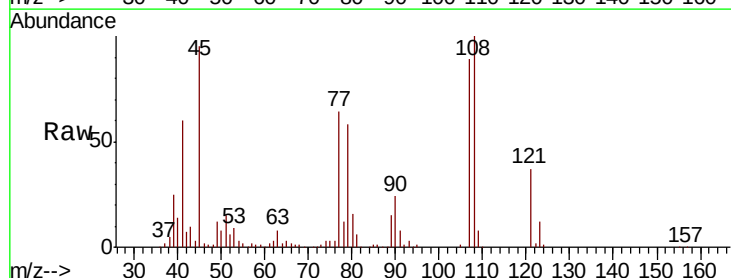
Tgt Ion: 45 Resp: 240706

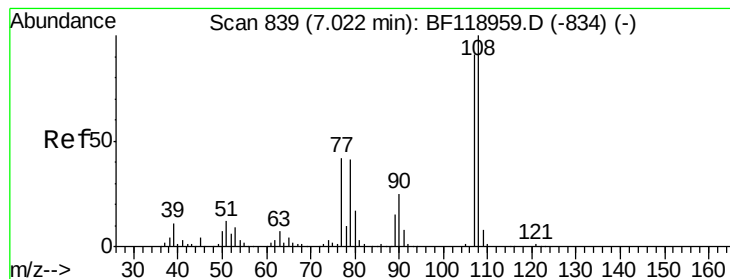
Ion Ratio Lower Upper

45 100

77 67.7 15.0 55.0#

79 61.4 9.4 49.4#

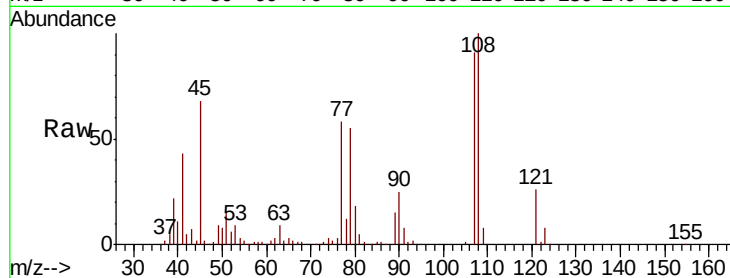




#17
2-Methylphenol
Concen: 49.666 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	266696
Ion	Ratio	Lower	Upper
107	100		
108	110.3	87.9	131.9
77	64.3	45.3	67.9
79	60.2	43.0	64.4



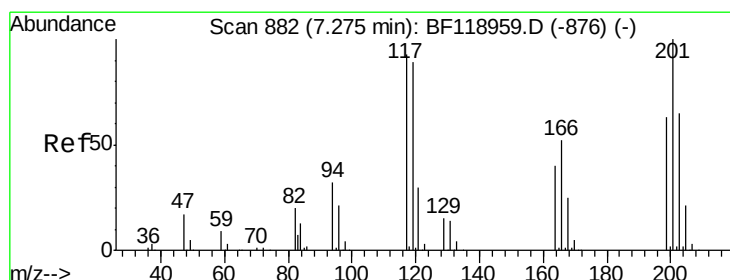
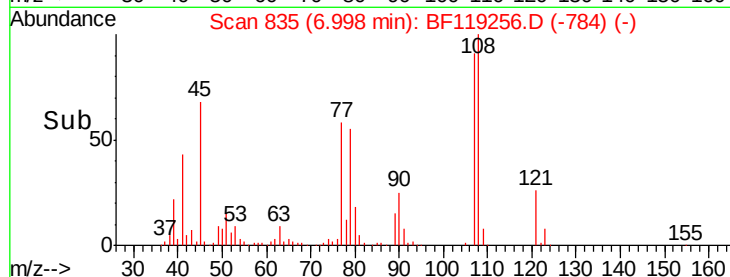
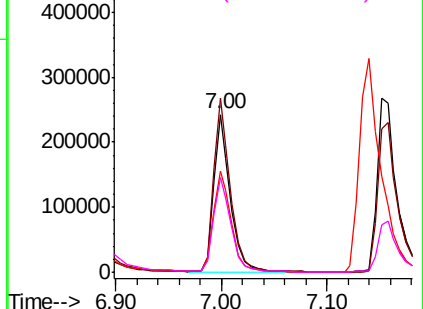
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

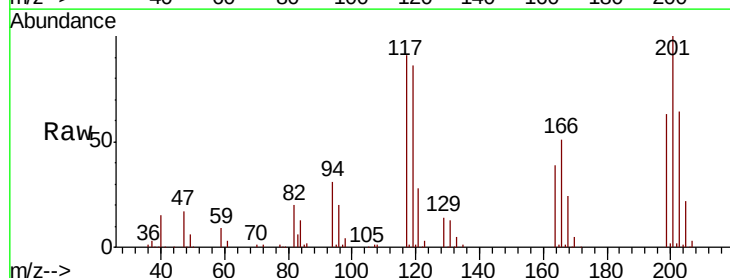
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.741 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:	117	Resp:	132837
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.5	116.3
201	109.5	82.6	123.8

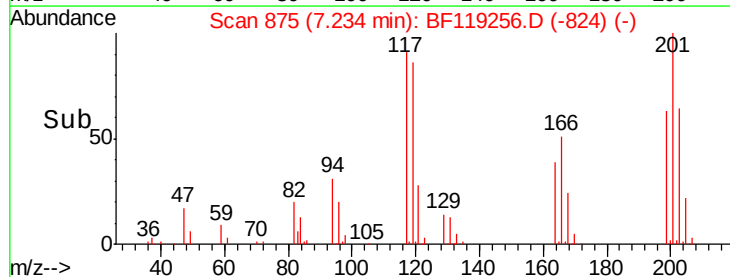
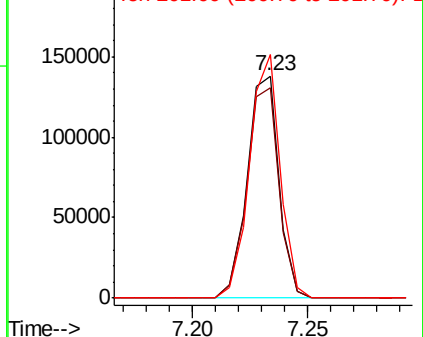


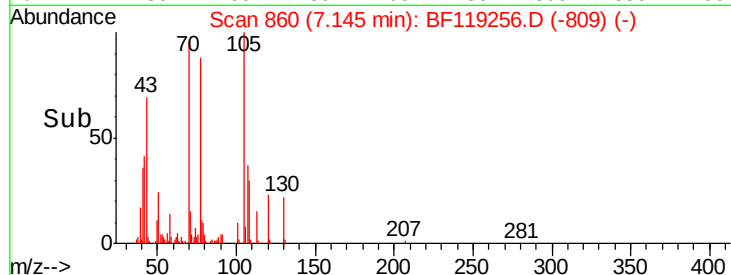
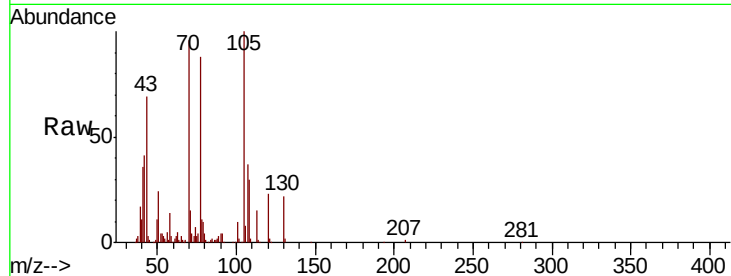
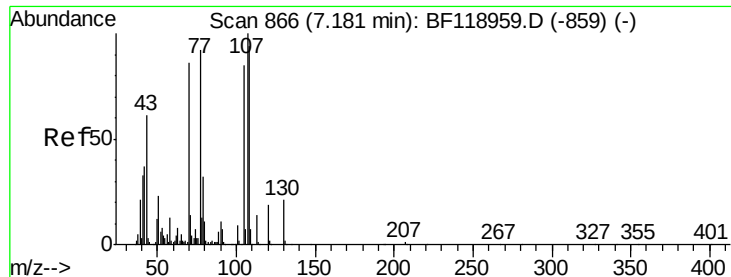
Abundance

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

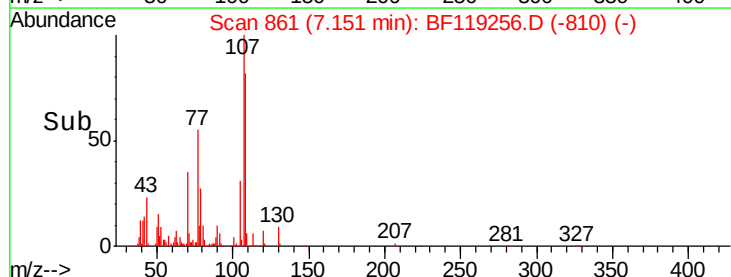
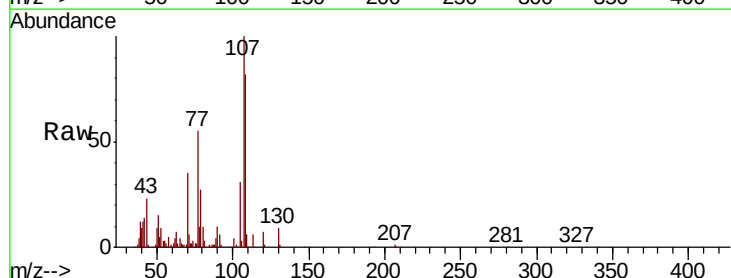
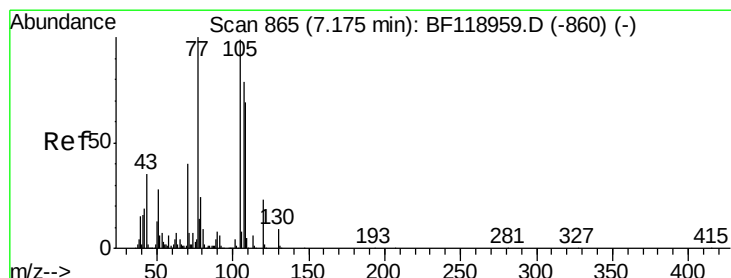
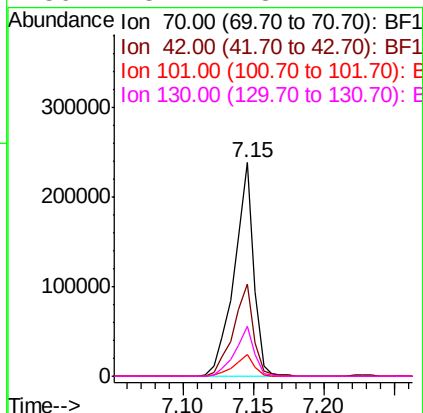




#19
n-Nitroso-di-n-propylamine
Concen: 52.245 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

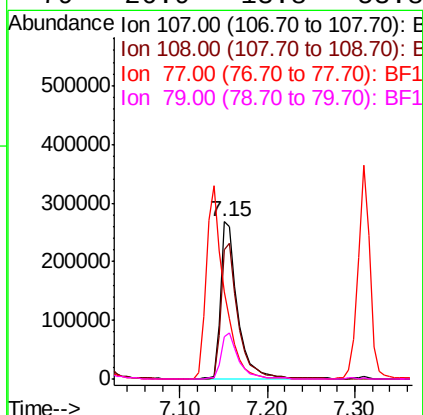
Instrument :
BNA_F
ClientSampleId :

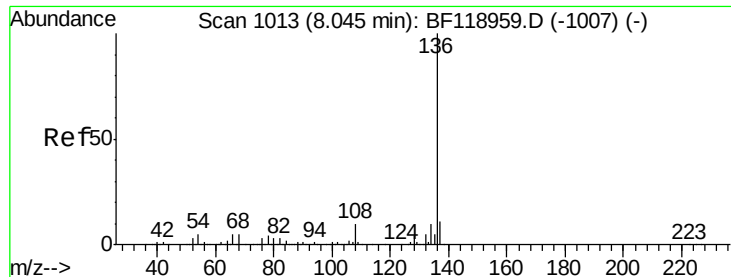
Tot Ion:	70	Resp:	227227
Ion	Ratio	Lower	Upper
70	100		
42	43.1	38.0	57.0
101	9.9	8.2	12.4
130	23.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 54.055 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:	107	Resp:	355610
Ion	Ratio	Lower	Upper
107	100		
108	82.3	71.5	111.5
77	55.1	45.9	85.9
79	26.9	13.8	53.8

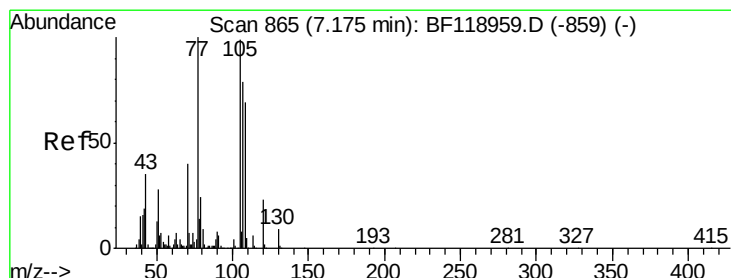
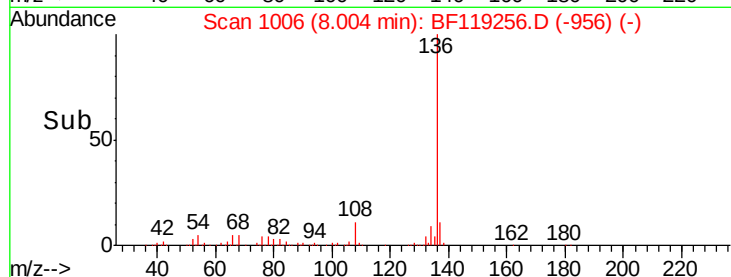
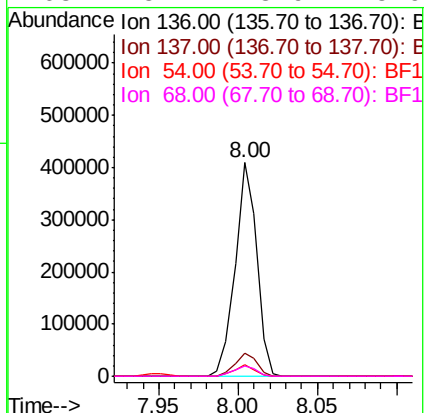
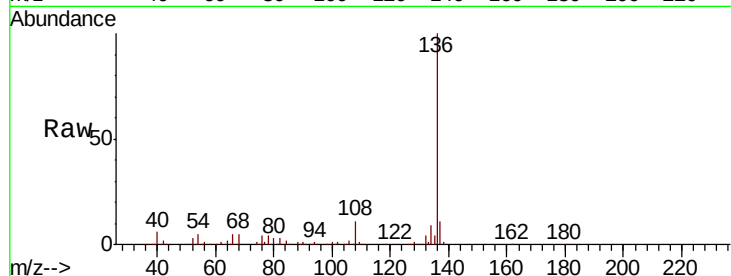




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

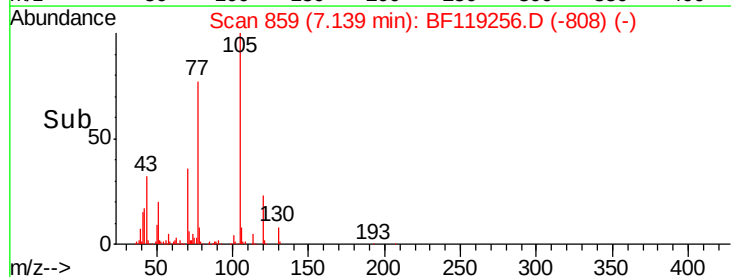
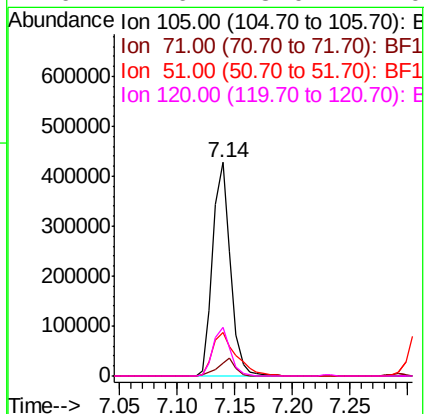
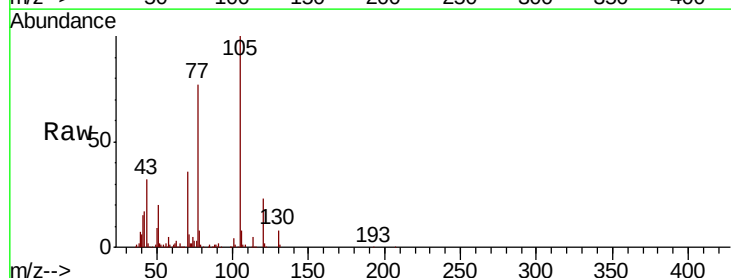
Instrument :
BNA_F
ClientSampleId :

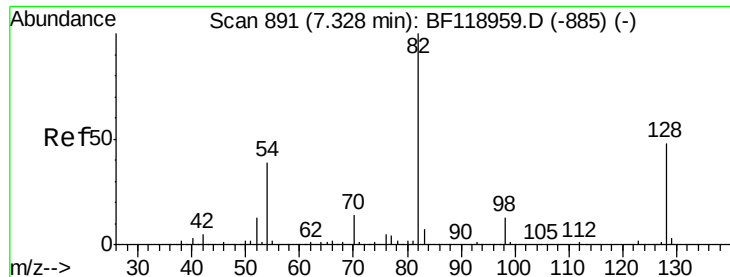
Tot Ion:136	Resp:	386628
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 5.3	3.8	5.6
68 5.1	3.9	5.9



#22
Acetophenone
Concen: 50.890 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt	Ion:105	Resp:	455241
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.0	4.4#
51	20.2	20.1	30.1
120	22.6	18.0	27.0

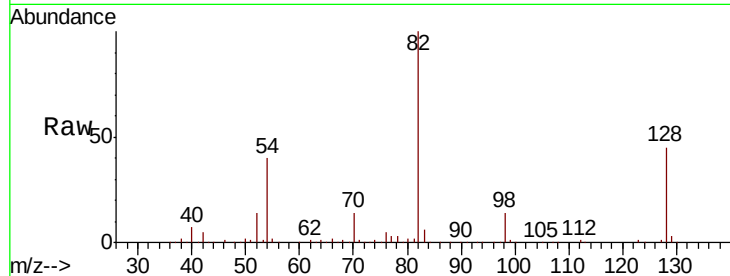




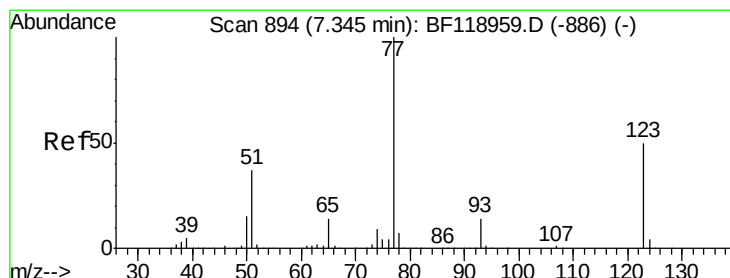
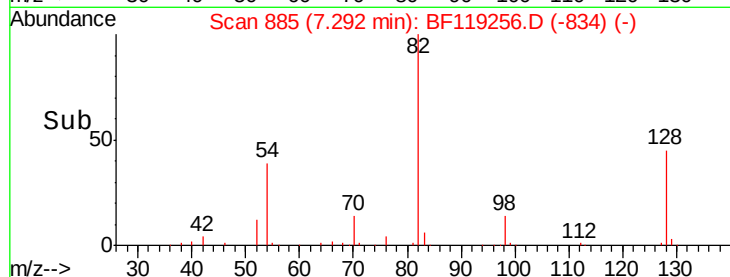
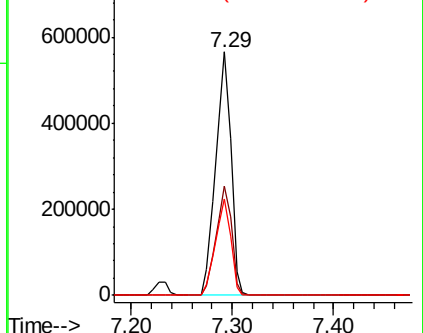
#23
Nitrobenzene-d5
Concen: 81.884 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 599599
Ion Ratio Lower Upper
82 100
128 44.8 37.9 56.9
54 39.8 33.4 50.2

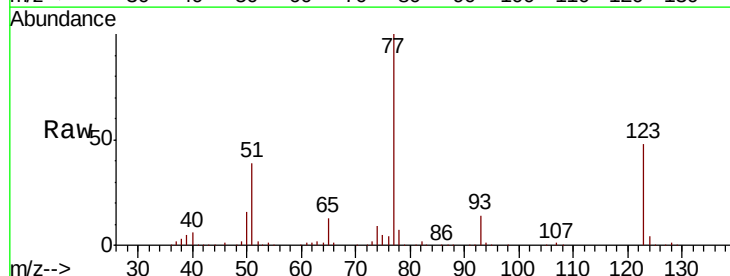


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

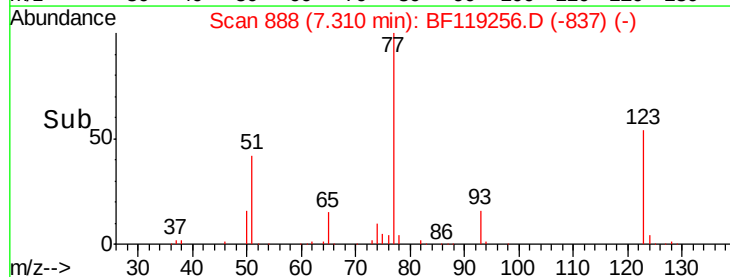
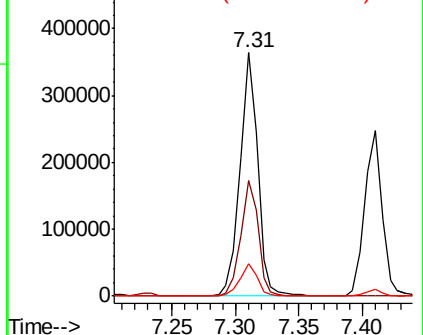


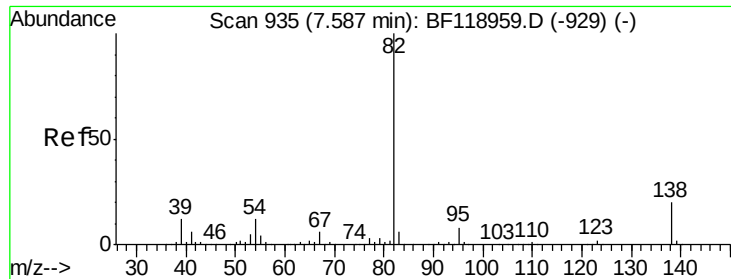
#24
Nitrobenzene
Concen: 47.780 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion: 77 Resp: 345987
Ion Ratio Lower Upper
77 100
123 47.6 40.2 60.2
65 13.4 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.836 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

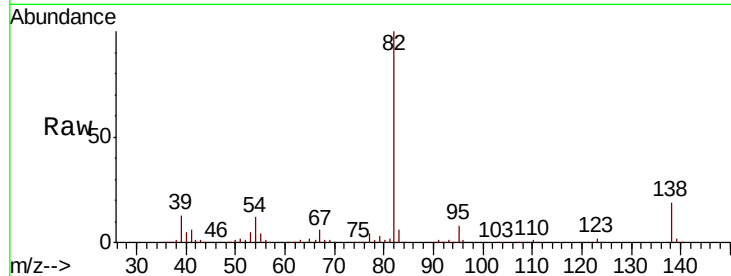
Tot Ion: 82 Resp: 621043

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

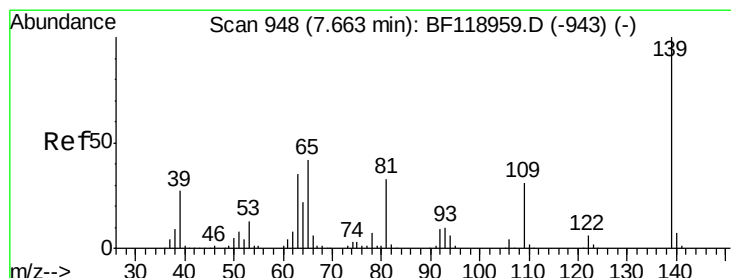
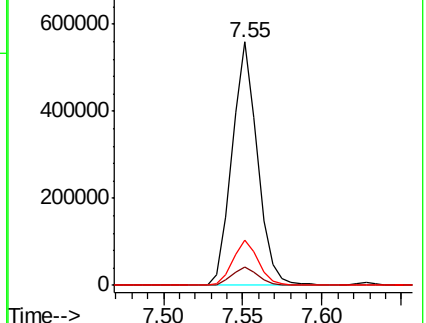
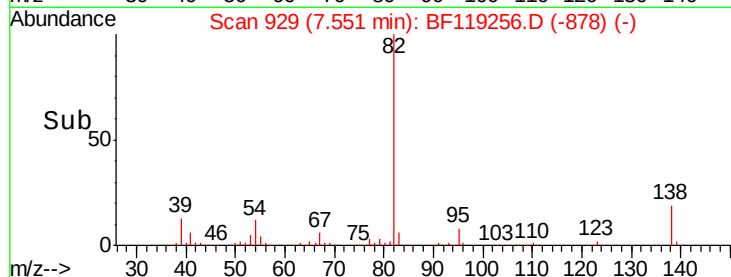
138 18.8 15.7 23.5



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: 48.293 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

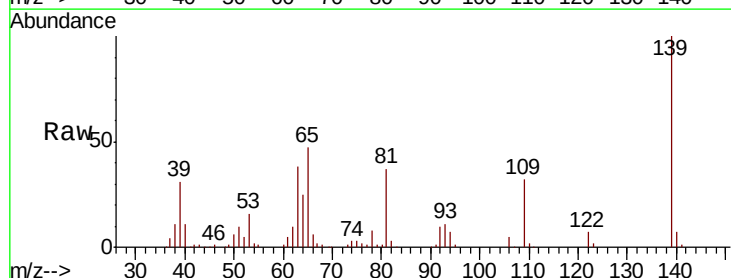
Tgt Ion: 139 Resp: 185289

Ion Ratio Lower Upper

139 100

109 32.1 25.7 38.5

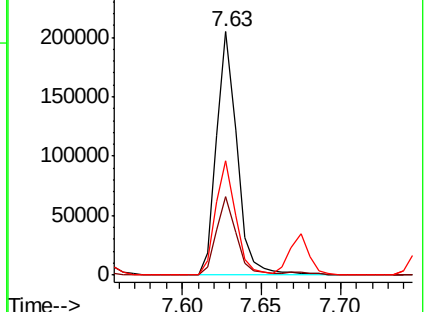
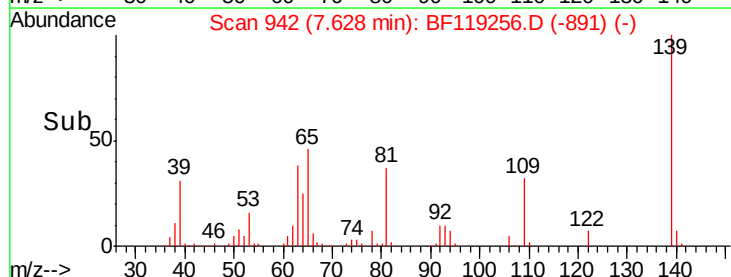
65 46.9 37.1 55.7

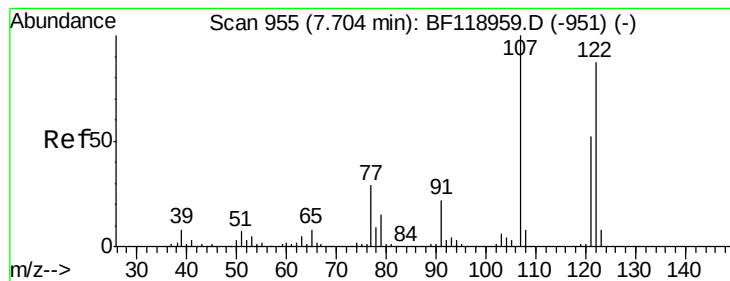


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

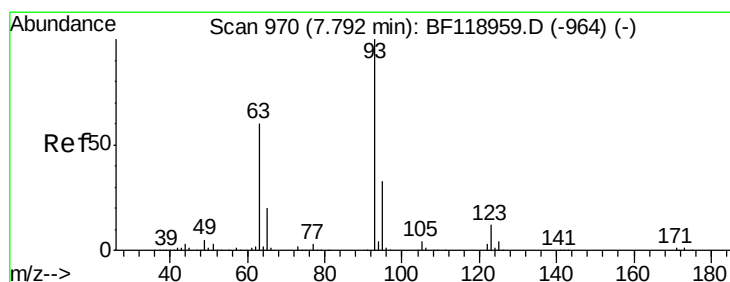
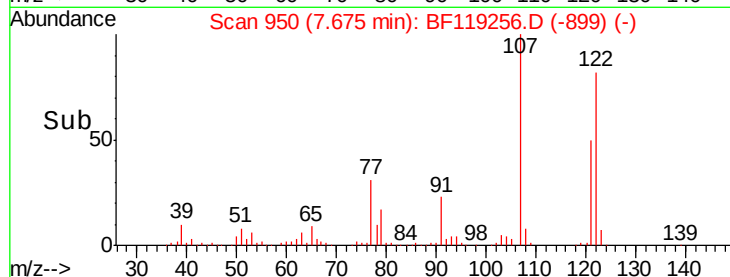
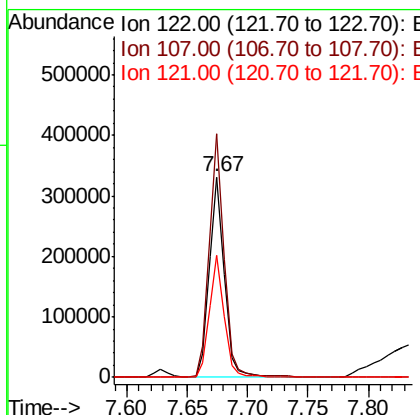
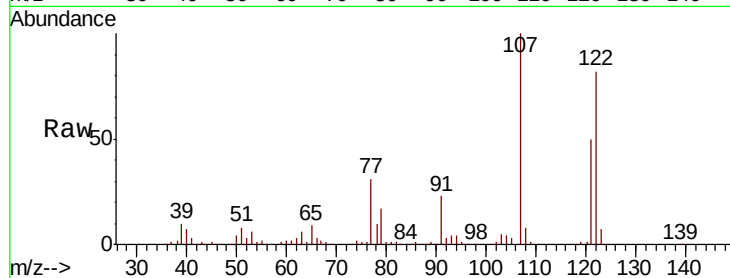




#27
 2,4-Dimethylphenol
 Concen: 55.130 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

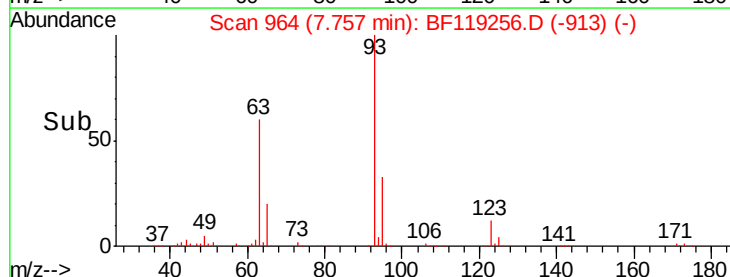
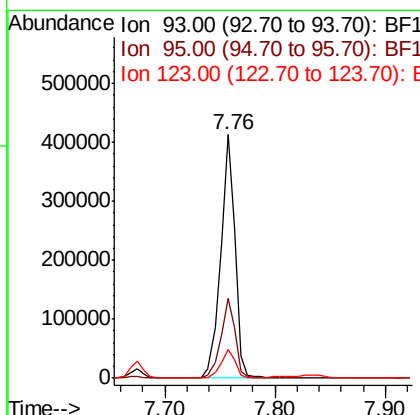
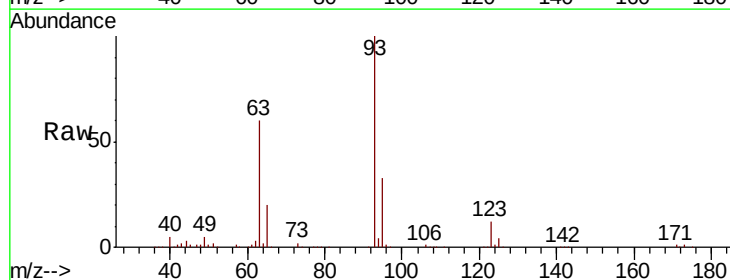
Instrument :
 BNA_F
 ClientSampleID :

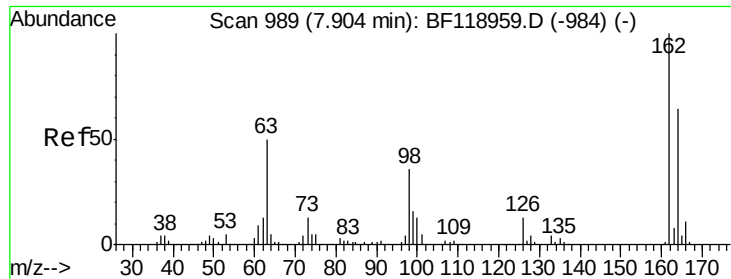
Tot Ion:122 Resp: 287070
 Ion Ratio Lower Upper
 122 100
 107 121.4 93.8 140.6
 121 61.1 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.128 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion: 93 Resp: 373544
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 11.6 10.2 15.2

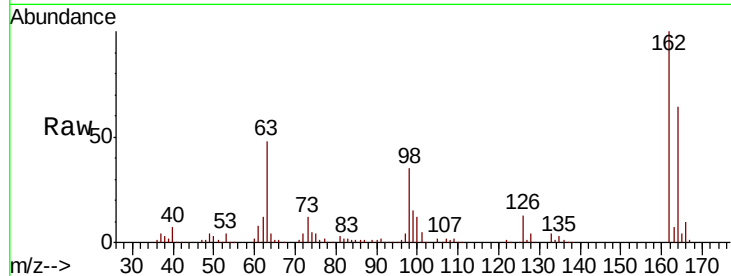




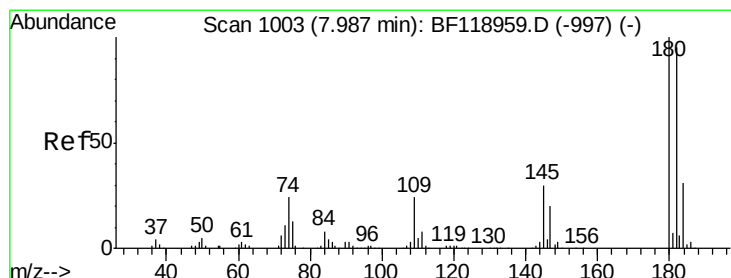
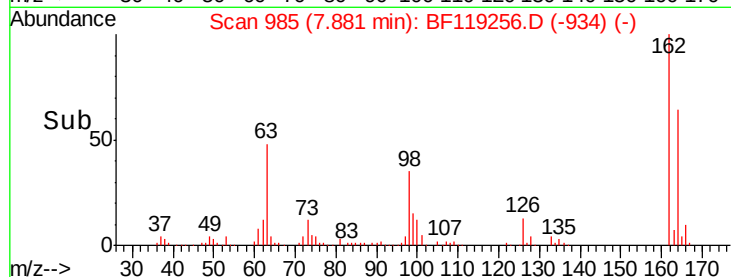
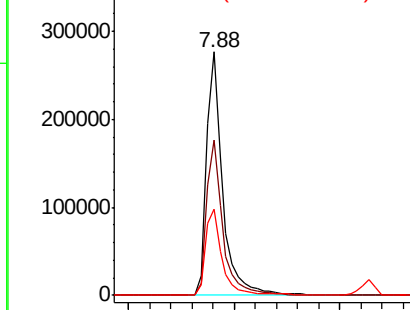
#29
2,4-Dichlorophenol
Concen: 47.880 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	45.2	85.2
98	35.4	17.4	57.4

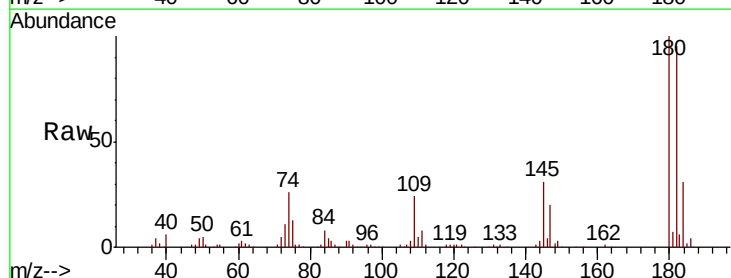


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

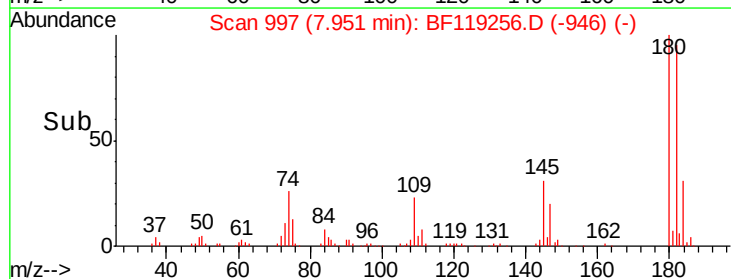
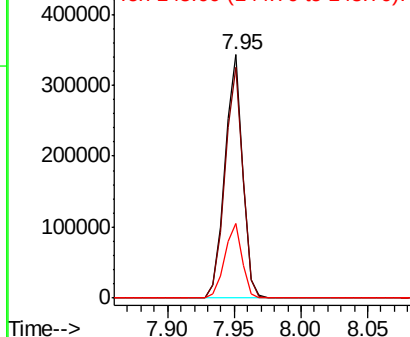


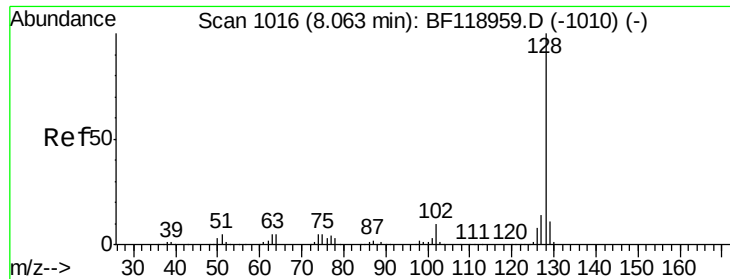
#30
1,2,4-Trichlorobenzene
Concen: 44.382 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.8	116.6
145	30.5	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

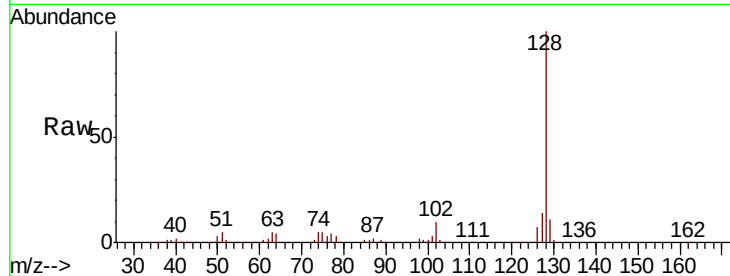




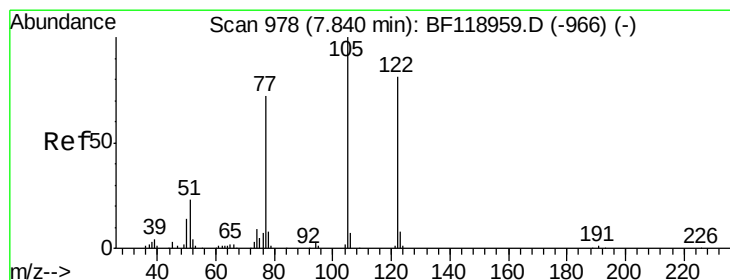
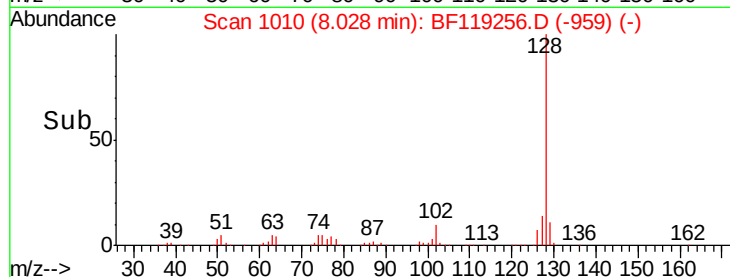
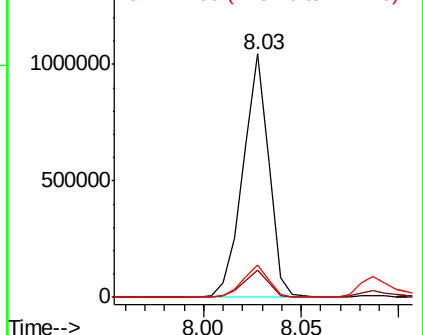
#31
Naphthalene
Concen: 47.922 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 960884
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.5 11.4 17.2

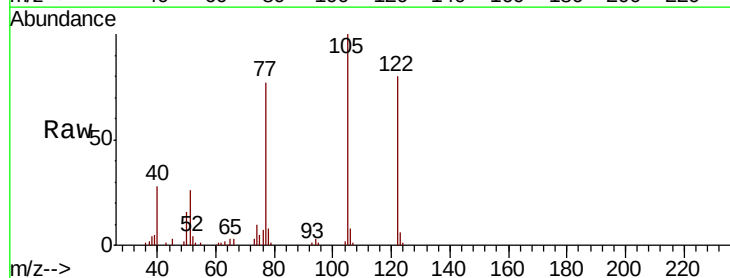


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

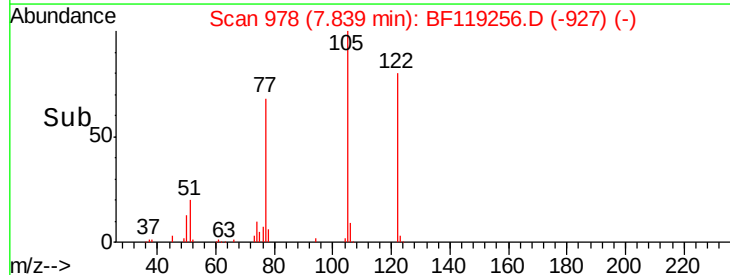
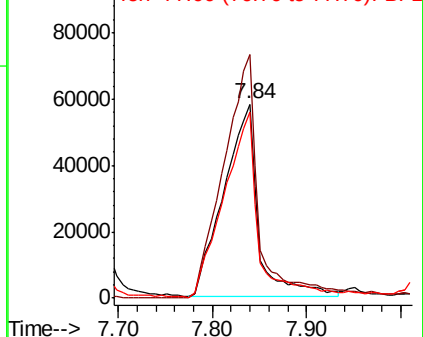


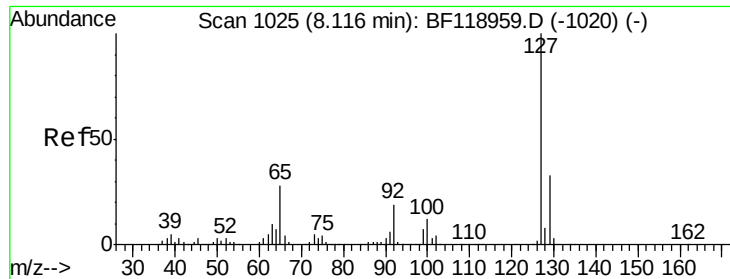
#32
Benzoic acid
Concen: 40.268 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:122 Resp: 148248
Ion Ratio Lower Upper
122 100
105 125.4 106.3 146.3
77 96.0 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

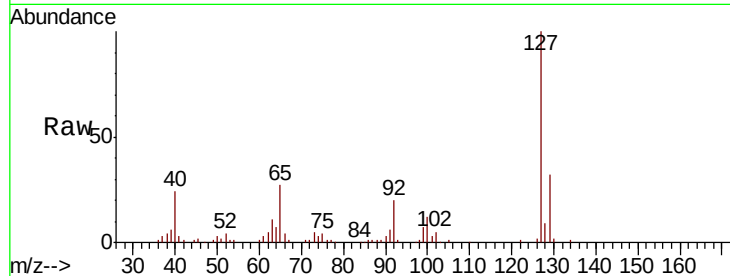




#33
4-Chloroaniline
Concen: 14.410 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	124276
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	27.3	23.9	35.9
92	19.6	16.3	24.5



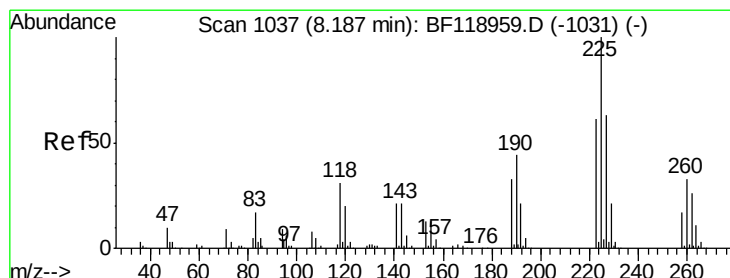
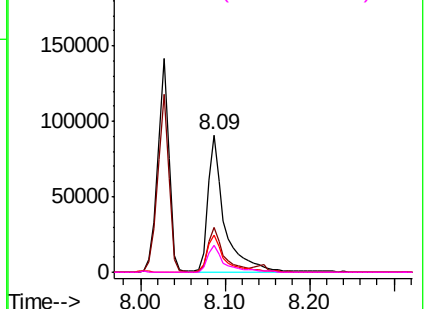
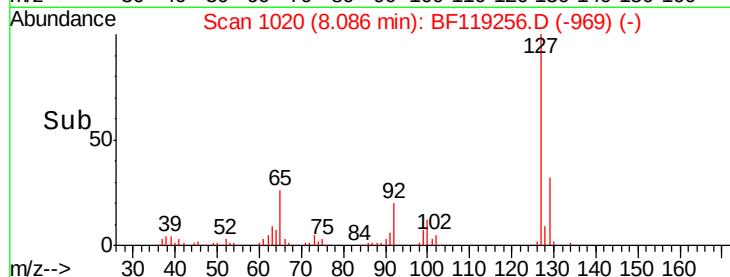
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

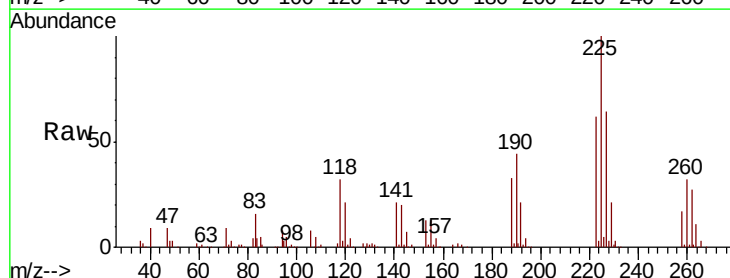
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 43.631 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:	225	Resp:	197527
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.2
227	64.4	52.9	79.3

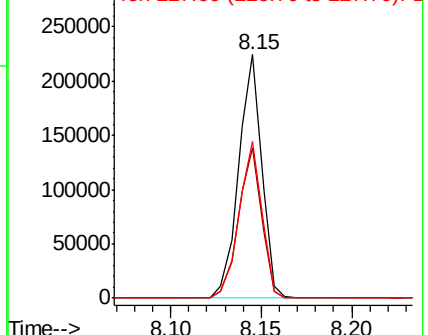
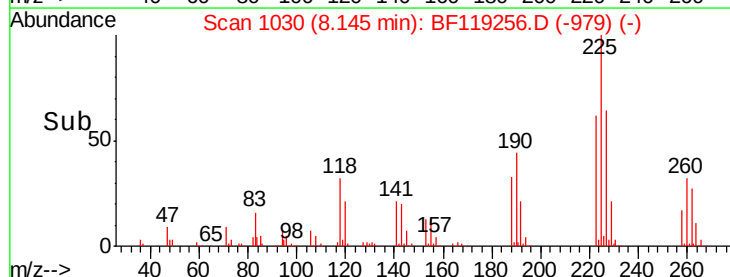


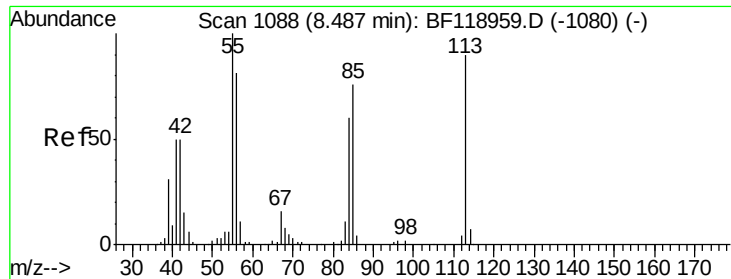
Abundance

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

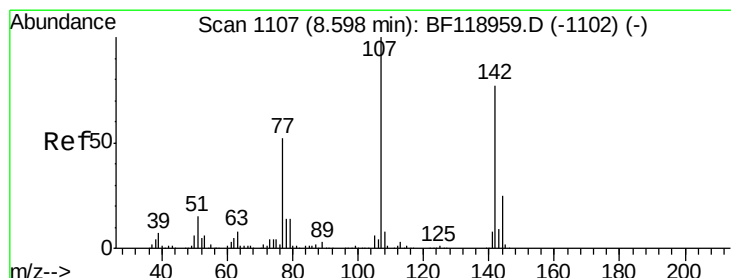
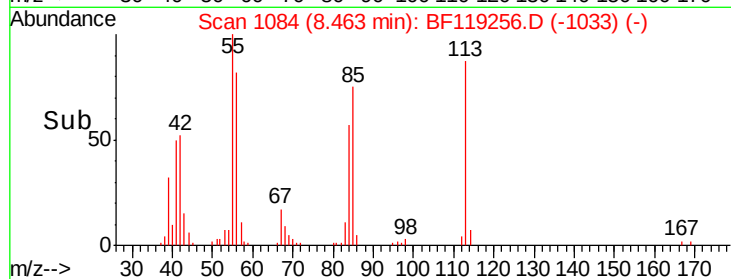
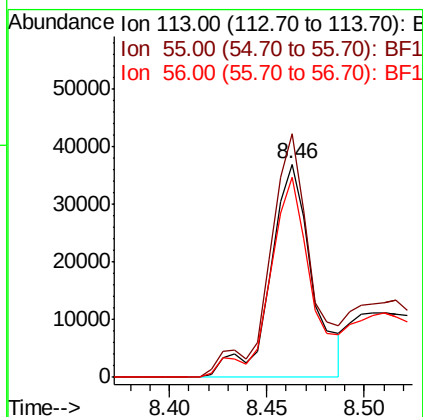
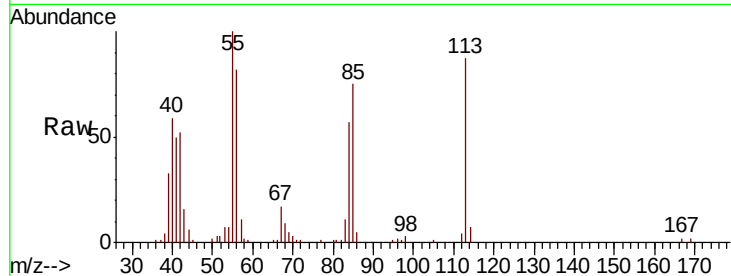




#35
 Caprolactam
 Concen: 29.013 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

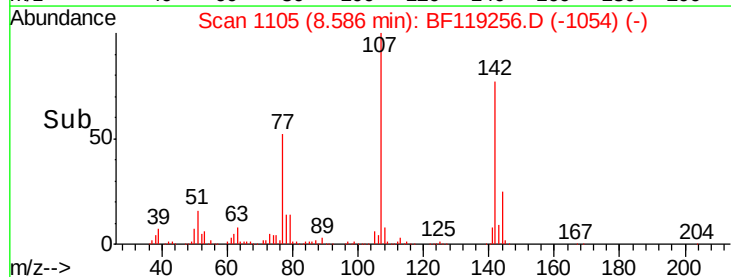
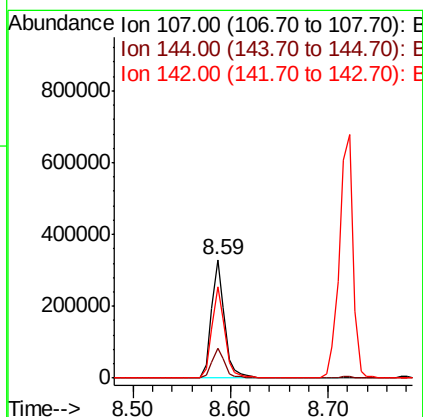
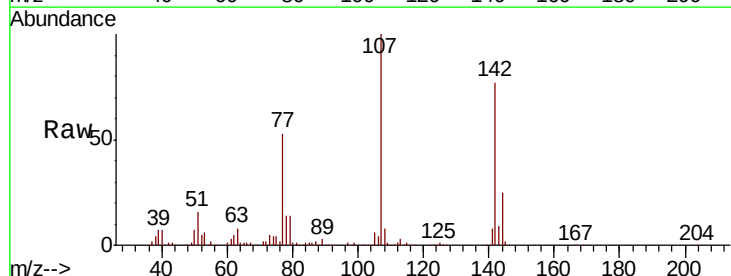
Instrument :
 BNA_F
 ClientSampleId :

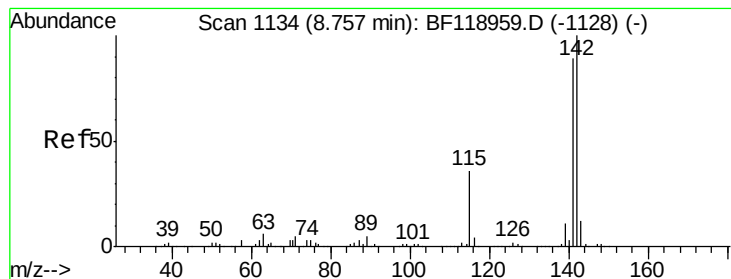
Tot Ion:113 Resp: 54763
 Ion Ratio Lower Upper
 113 100
 55 114.3 95.7 135.7
 56 93.9 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.686 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion:107 Resp: 308248
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.1 30.1
 142 77.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 49.019 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

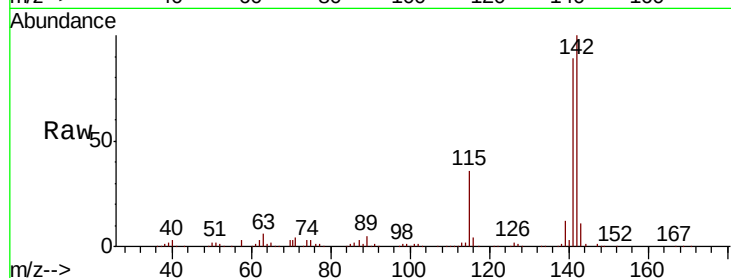
Tot Ion:142 Resp: 661452

Ion Ratio Lower Upper

142 100

141 89.3 72.3 108.5

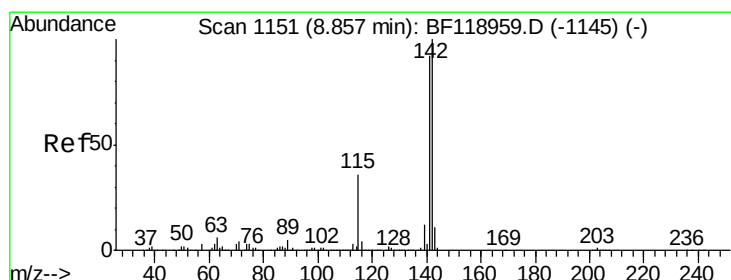
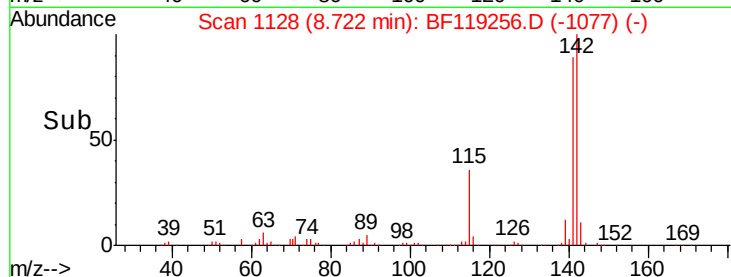
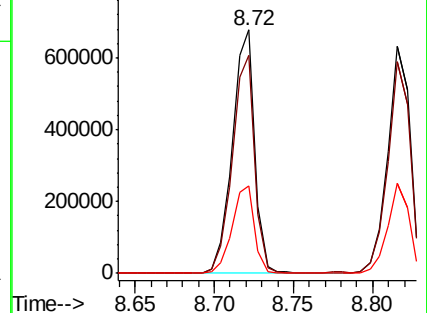
115 35.7 30.6 45.8



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: 48.630 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

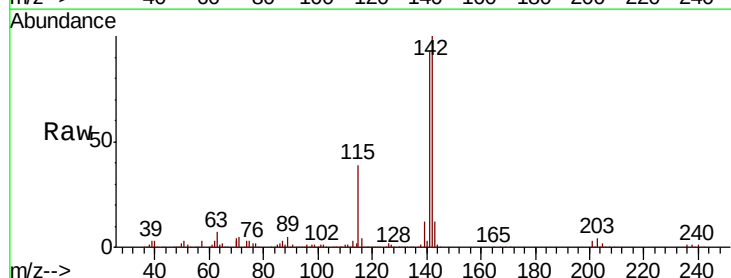
Tgt Ion:142 Resp: 617125

Ion Ratio Lower Upper

142 100

141 93.1 75.8 113.6

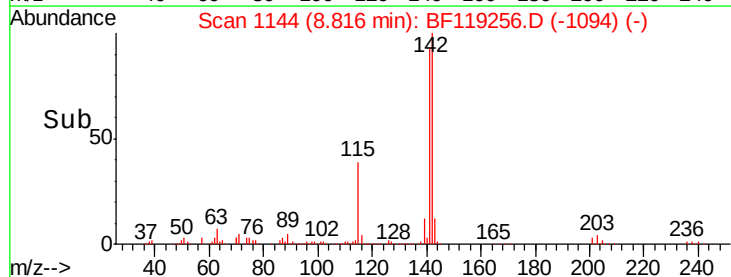
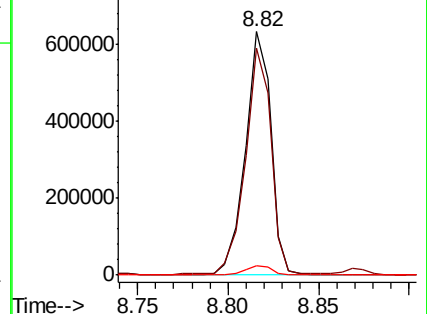
116 4.1 3.1 4.7

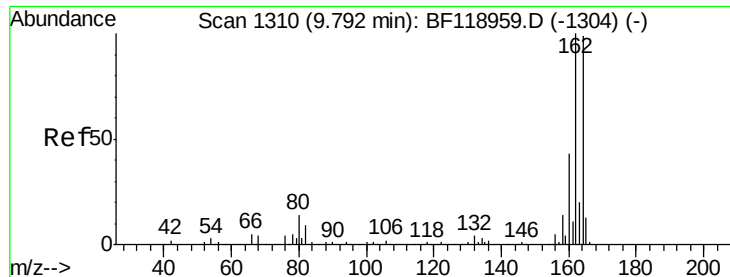


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

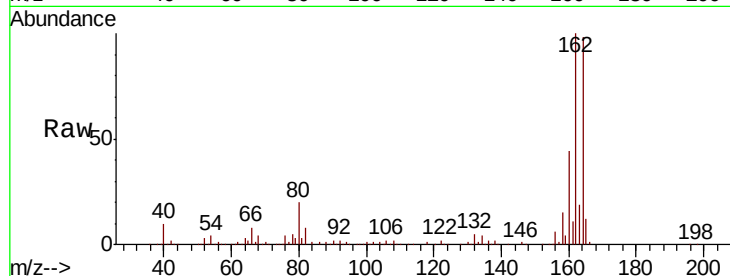




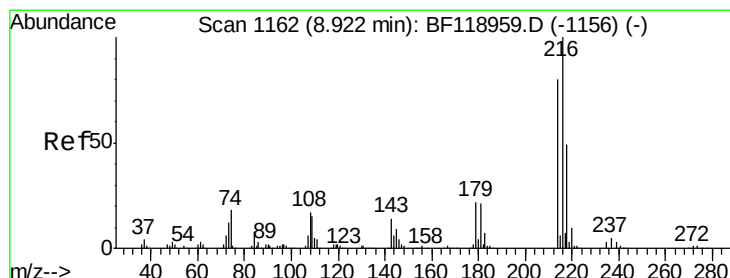
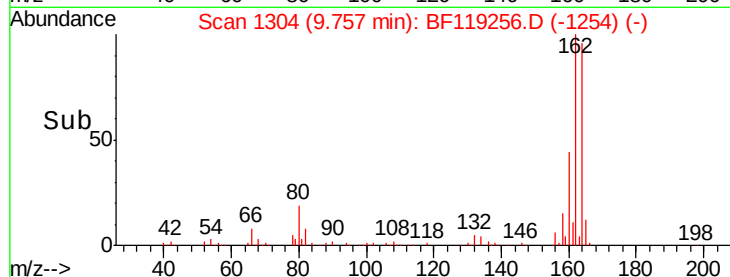
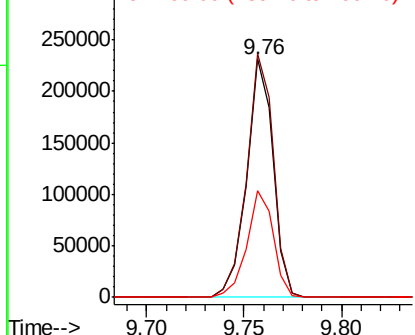
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 216358
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.8
160 44.8 36.0 54.0

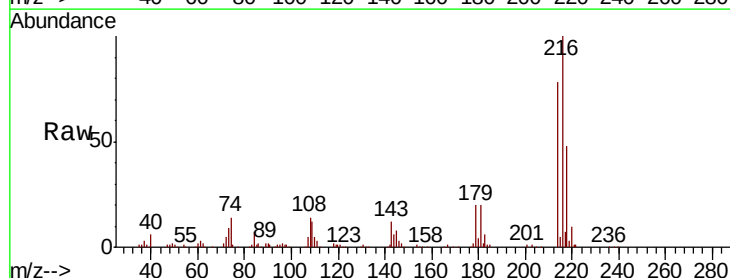


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

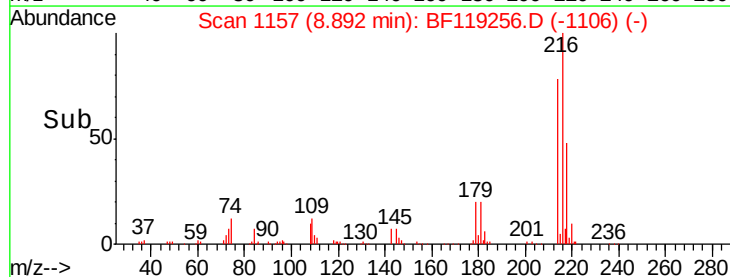
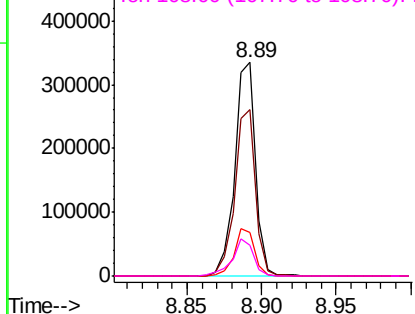


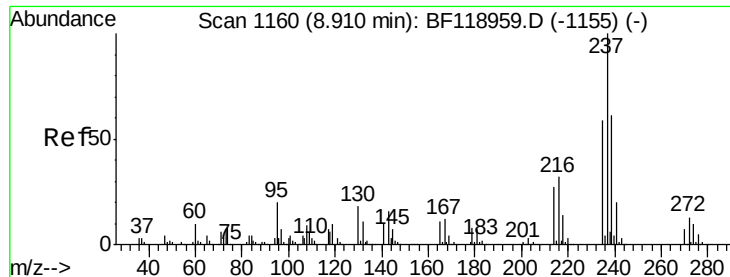
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.963 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:216 Resp: 327993
Ion Ratio Lower Upper
216 100
214 77.8 63.3 94.9
179 21.3 17.7 26.5
108 17.8 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

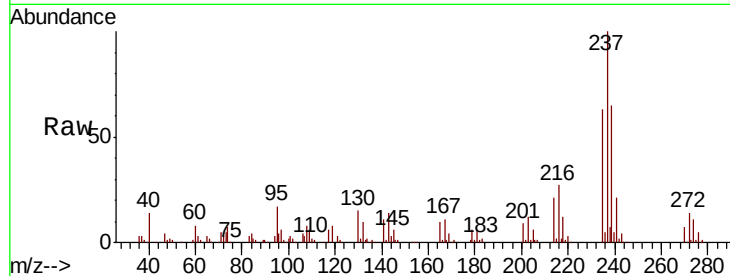




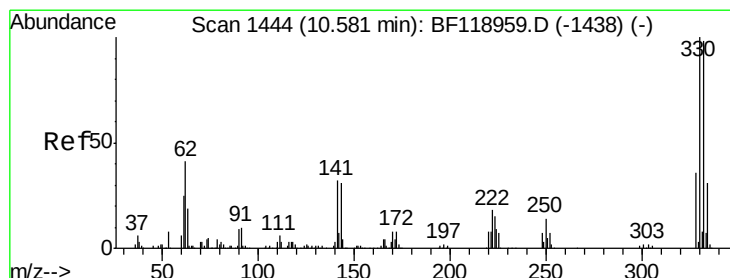
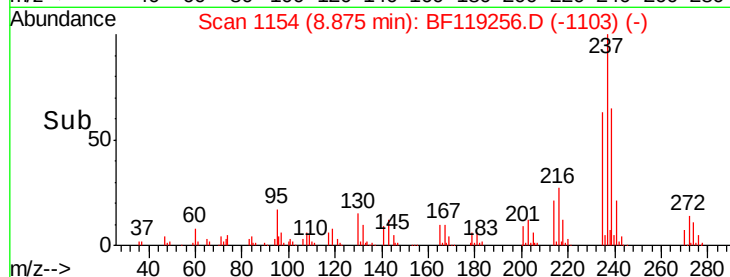
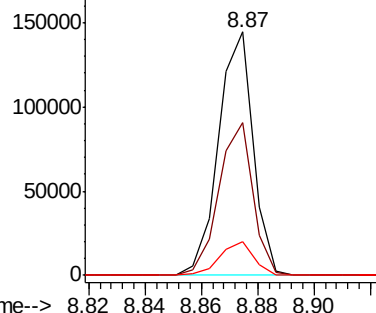
#41
Hexachlorocyclopentadiene
Concen: 50.339 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.3	82.3
272	13.8	0.0	33.5

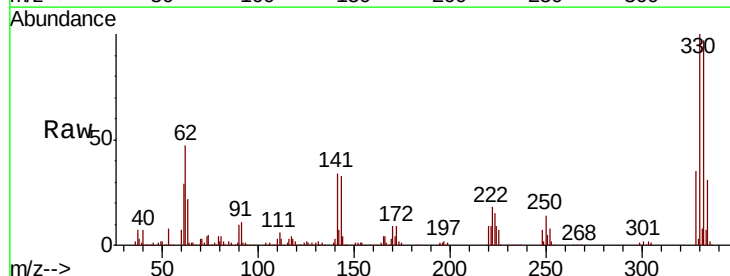


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

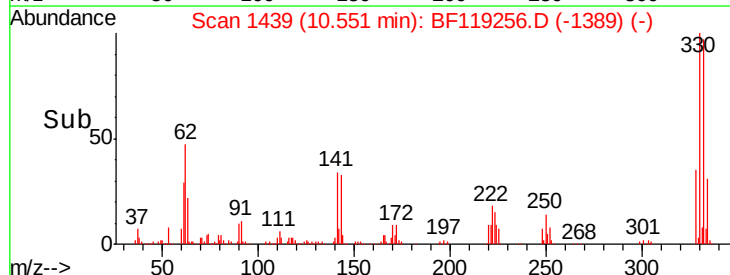
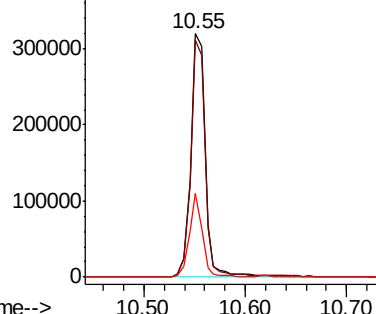


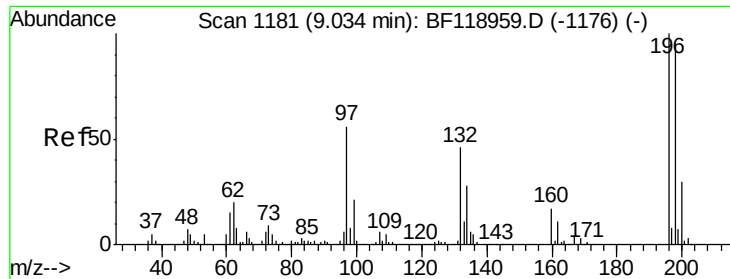
#42
2,4,6-Tribromophenol
Concen: 113.593 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	30.4	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

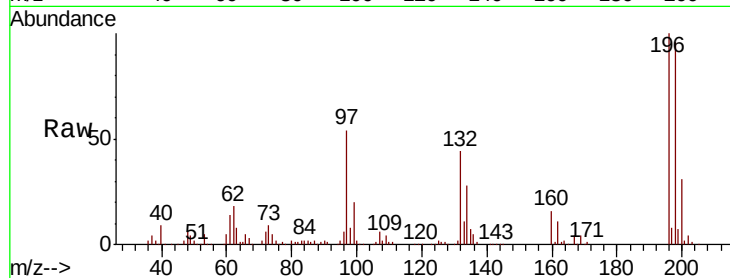




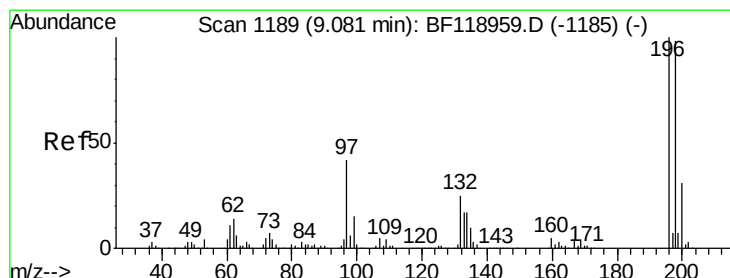
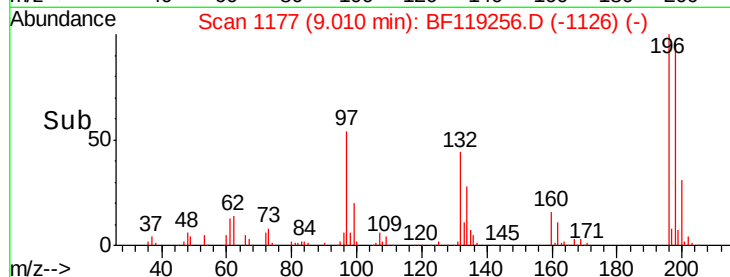
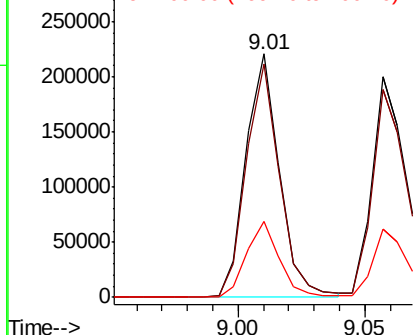
#43
 2,4,6-Trichlorophenol
 Concen: 44.438 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 204705
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.1 115.7
 200 31.0 25.0 37.6

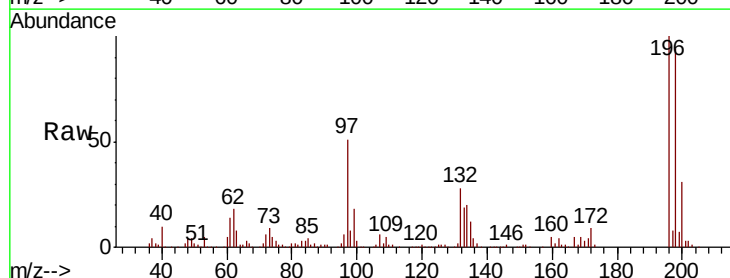


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

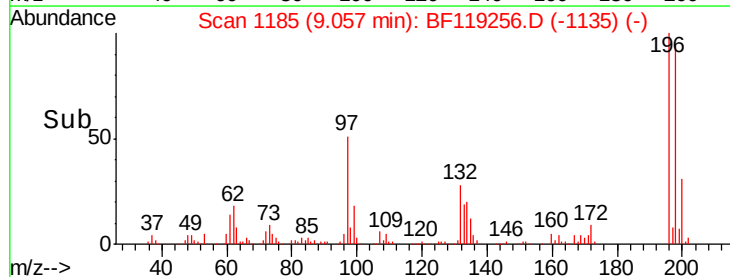
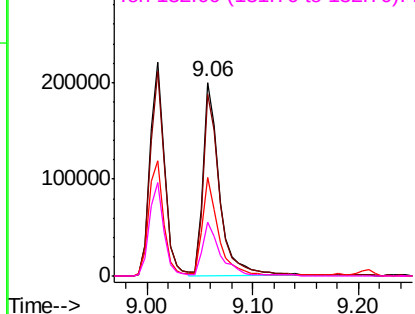


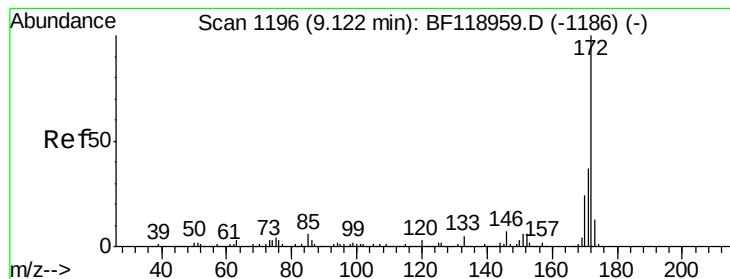
#44
 2,4,5-Trichlorophenol
 Concen: 44.648 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion:196 Resp: 215823
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.8 115.2
 97 50.8 38.5 57.7
 132 27.8 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: 80.462 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

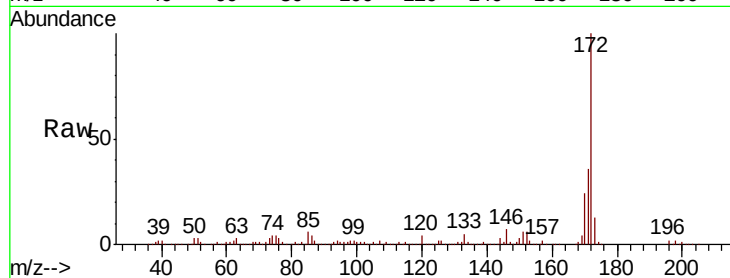
Tot Ion:172 Resp: 1181711

Ion Ratio Lower Upper

172 100

171 36.4 30.6 45.8

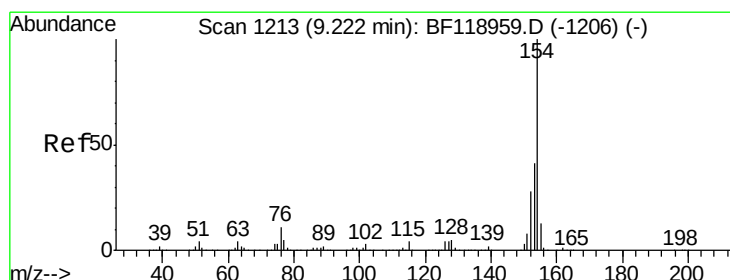
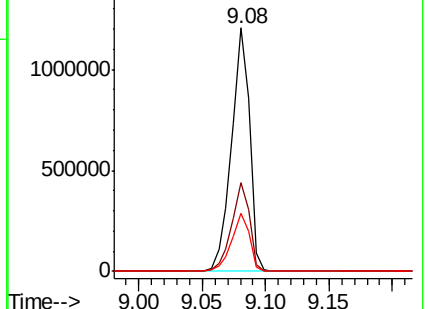
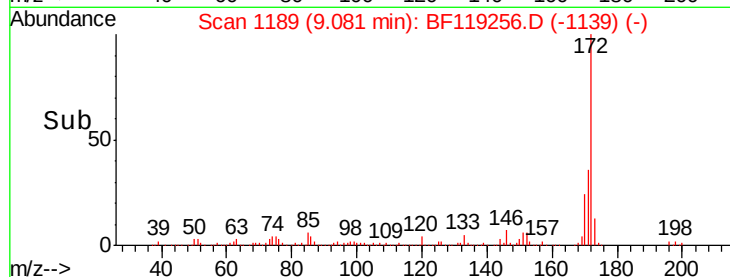
170 23.9 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.622 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

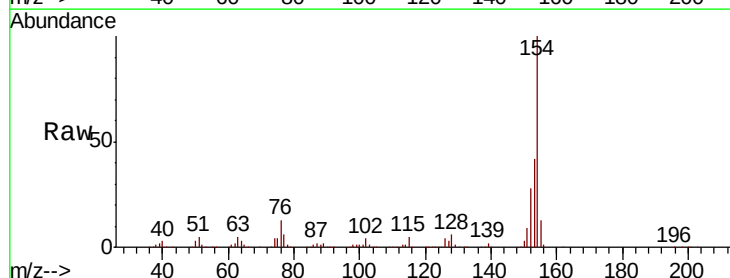
Tgt Ion:154 Resp: 797757

Ion Ratio Lower Upper

154 100

153 42.0 22.8 62.8

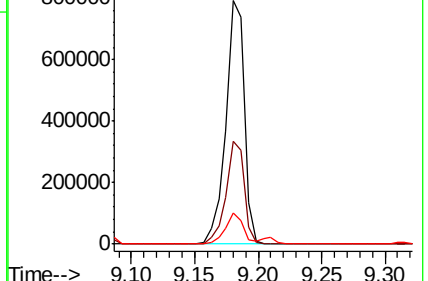
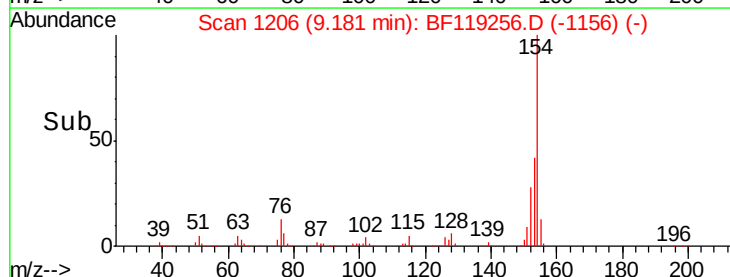
76 12.9 0.0 32.2

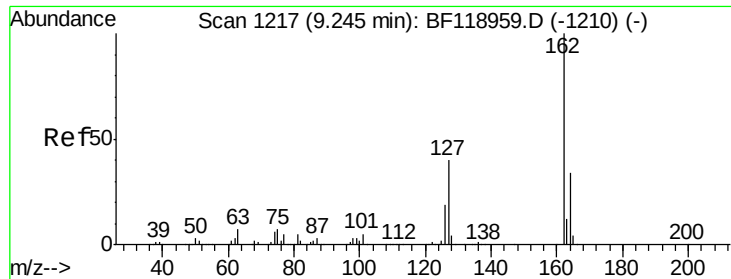


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

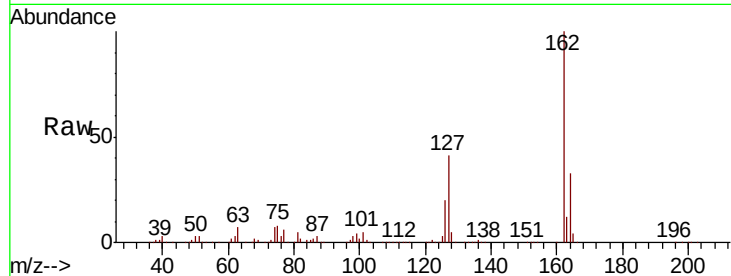




#47
2-Chloronaphthalene
Concen: 45.028 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	35.0	52.4
164	32.7	27.2	40.8

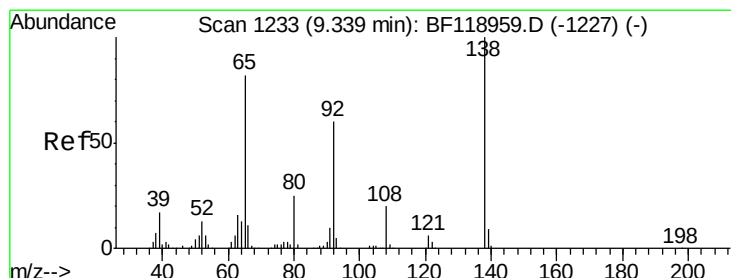
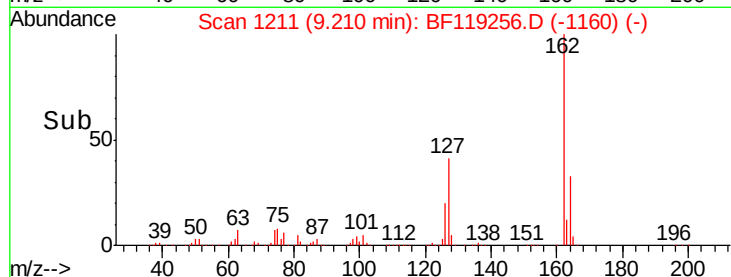
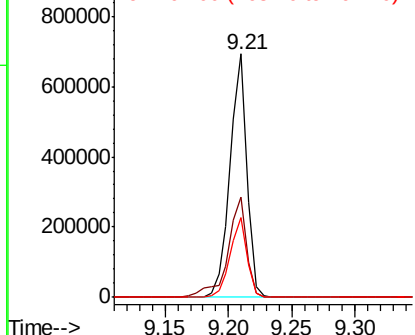


Abundance

Ion 162.00 (161.70 to 162.70): E

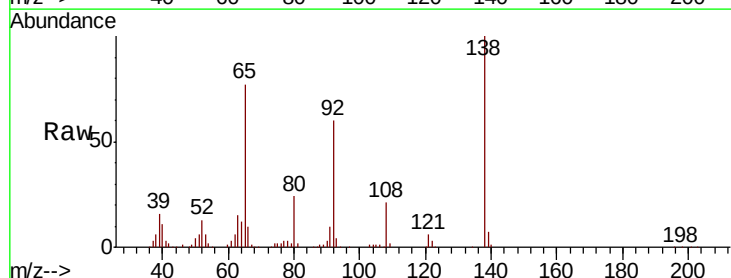
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.147 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.2	58.2	87.2
138	129.6	95.6	143.4

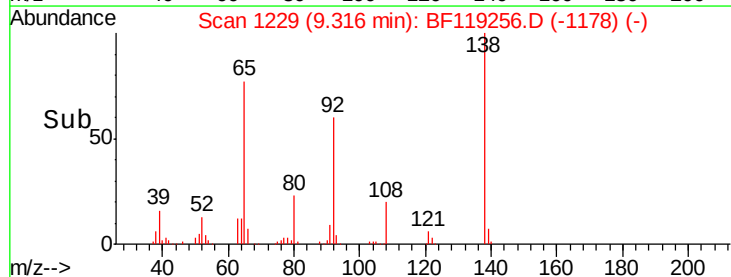
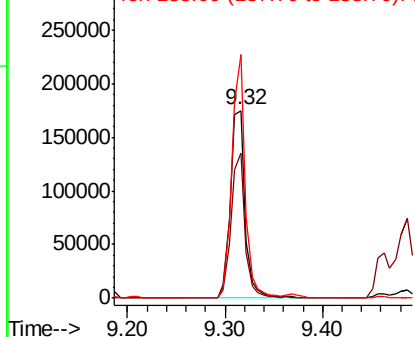


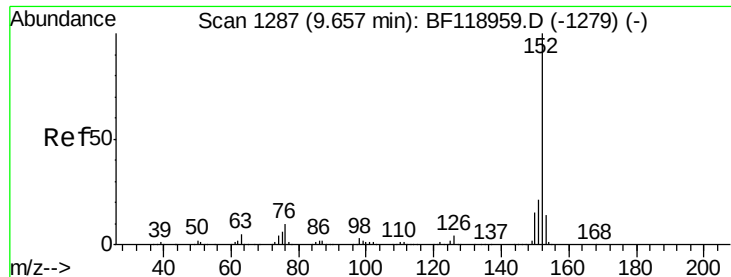
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.855 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampled :

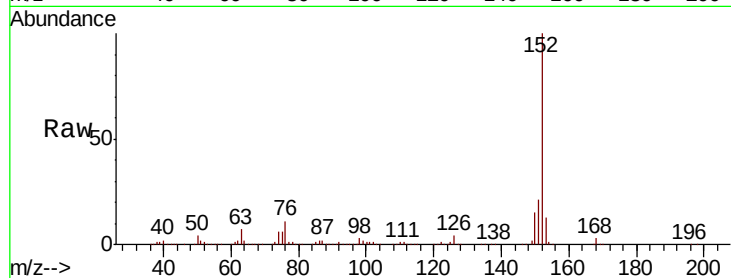
Tot Ion:152 Resp: 973943

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

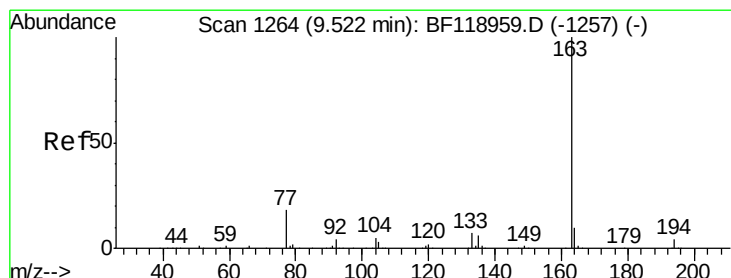
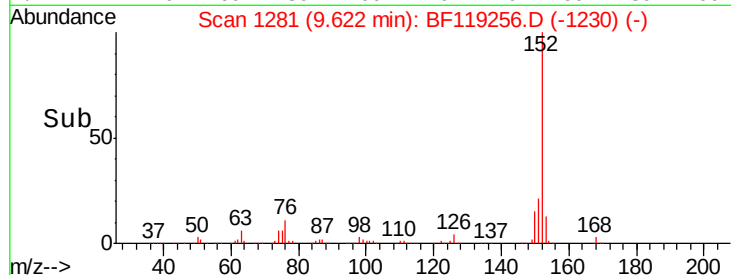
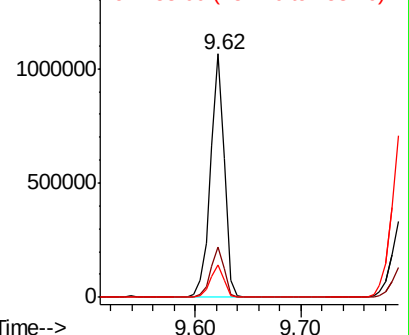
153 13.4 11.0 16.6



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: 53.042 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

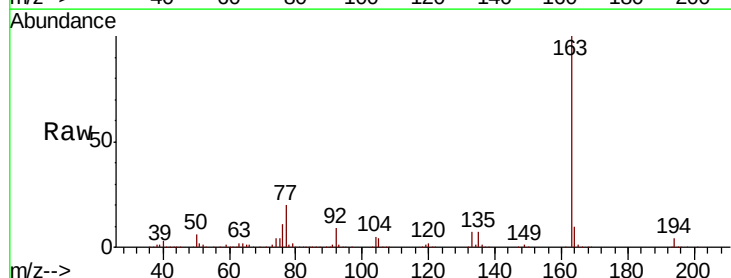
Tgt Ion:163 Resp: 877550

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

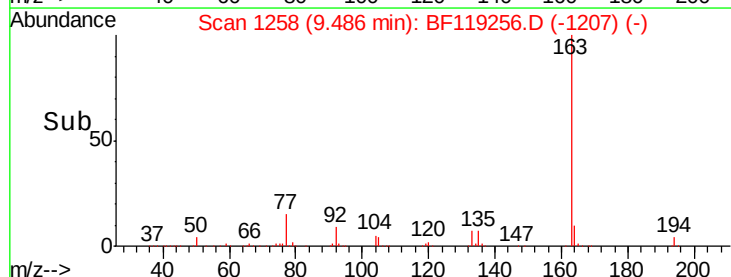
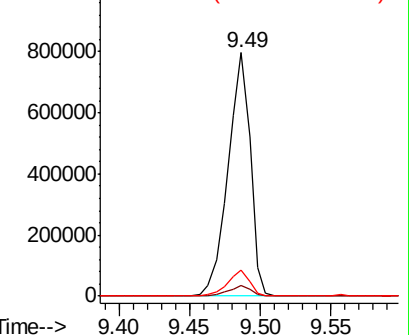
164 10.5 8.4 12.6

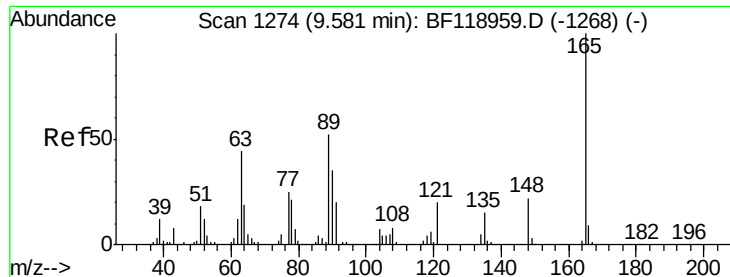


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

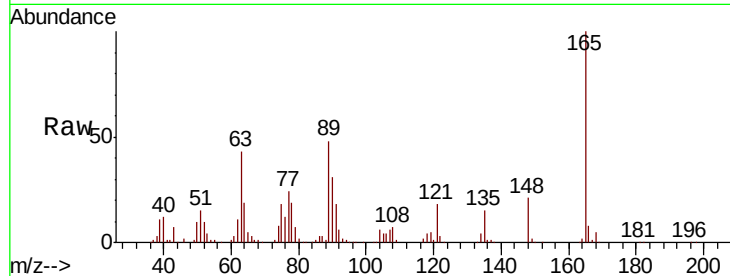




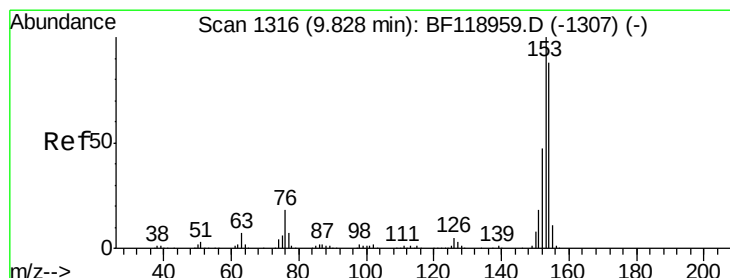
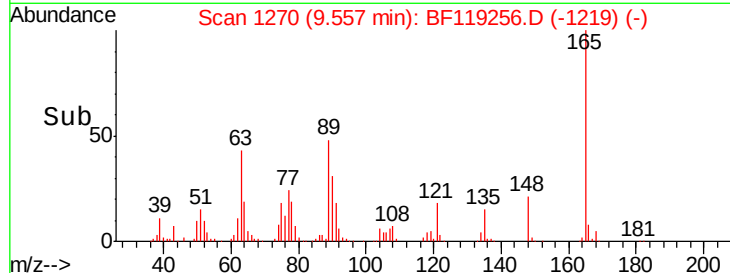
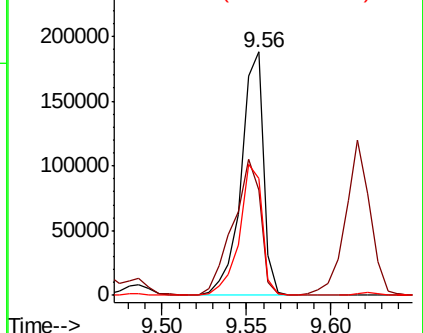
#51
 2,6-Dinitrotoluene
 Concen: 47.322 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	34.3	51.5
89	47.8	38.3	57.5

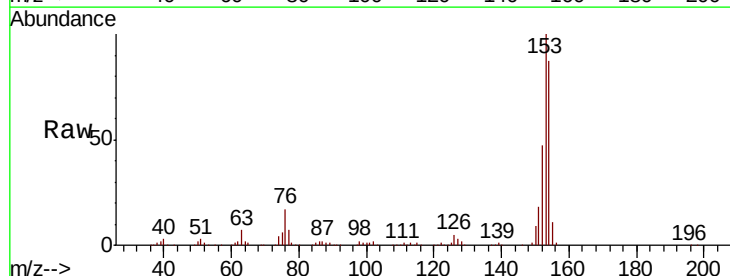


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

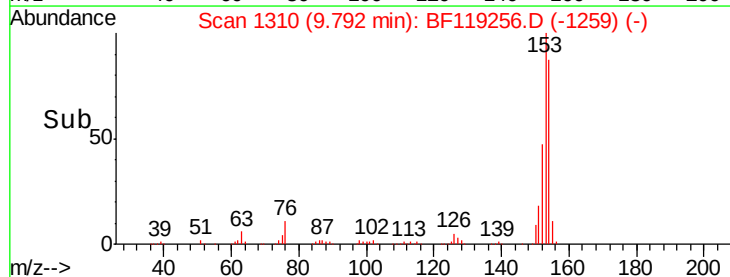
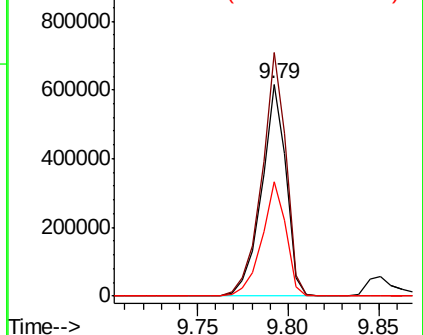


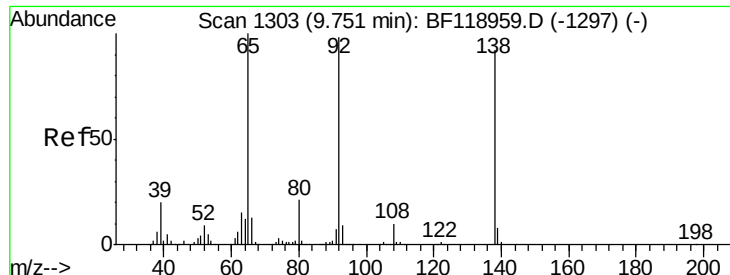
#52
 Acenaphthene
 Concen: 46.917 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.3	135.5
152	53.9	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

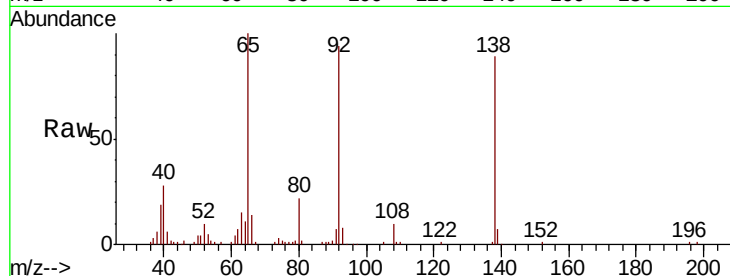




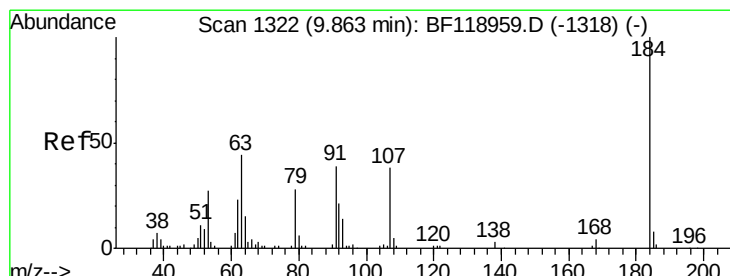
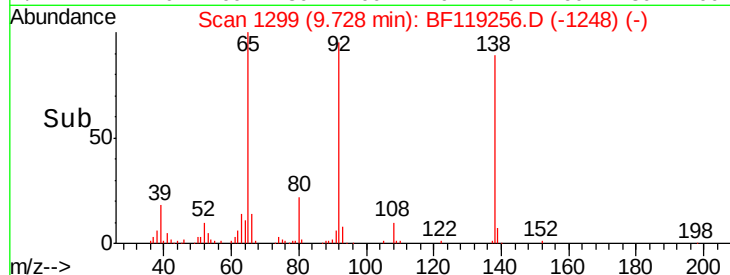
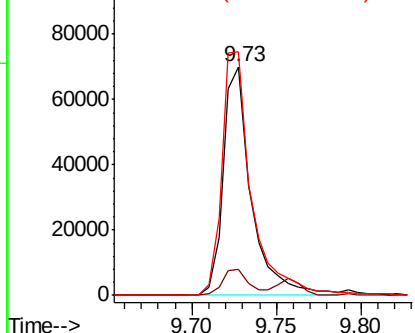
#53
3-Nitroaniline
Concen: 19.964 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 81351
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 106.5 84.8 127.2

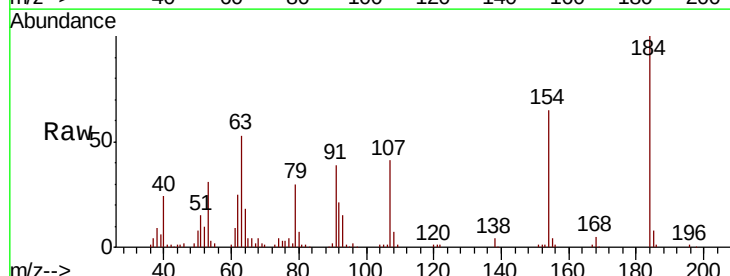


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

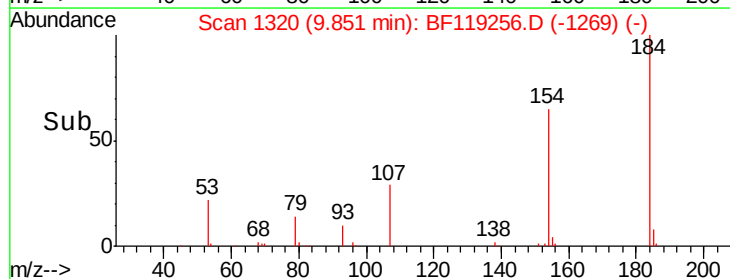
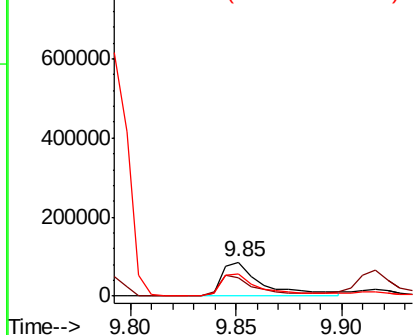


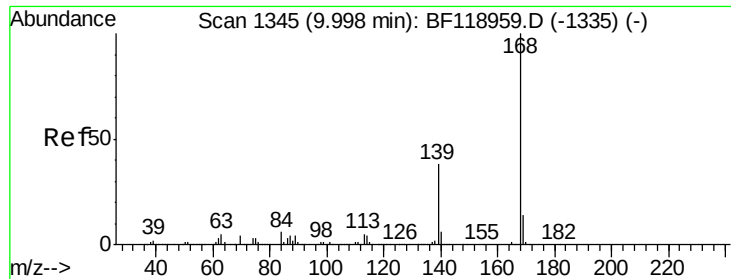
#54
2,4-Dinitrophenol
Concen: 65.304 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:184 Resp: 113957
Ion Ratio Lower Upper
184 100
63 52.6 38.7 58.1
154 65.3 49.7 74.5



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

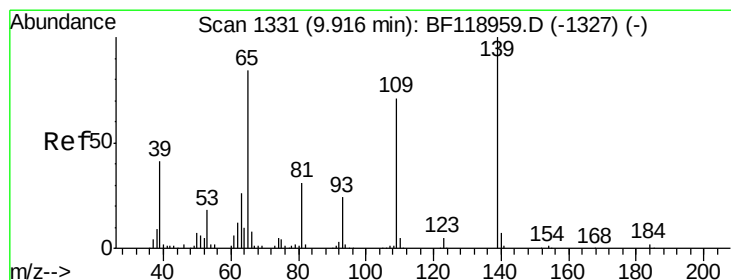
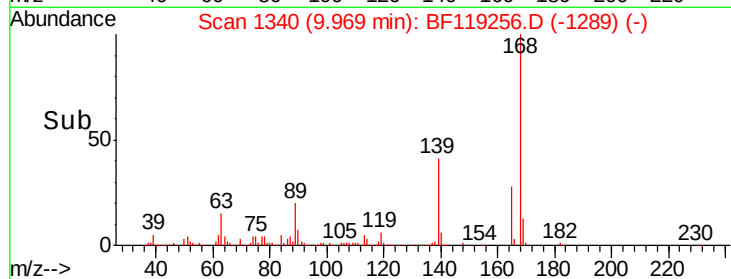
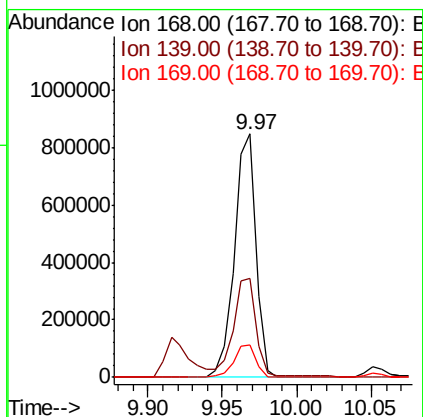
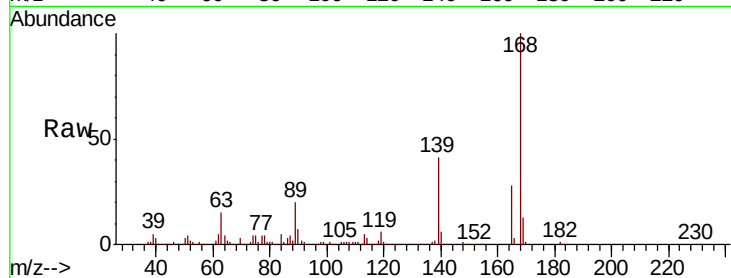




#55
Dibenzofuran
Concen: 46.978 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

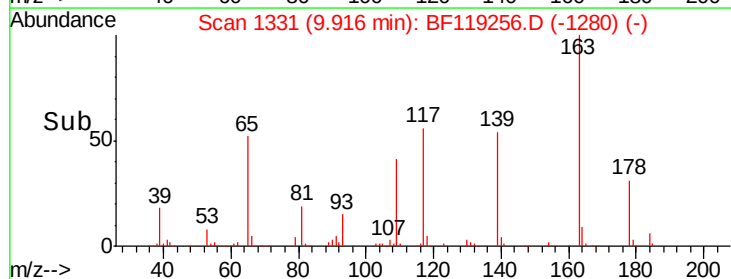
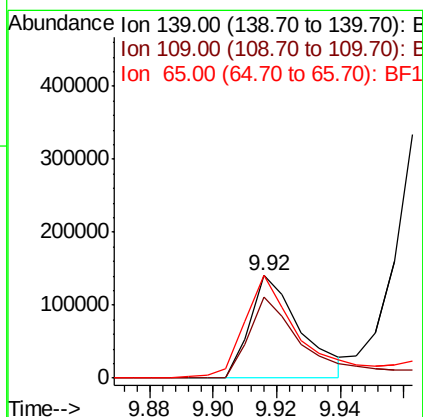
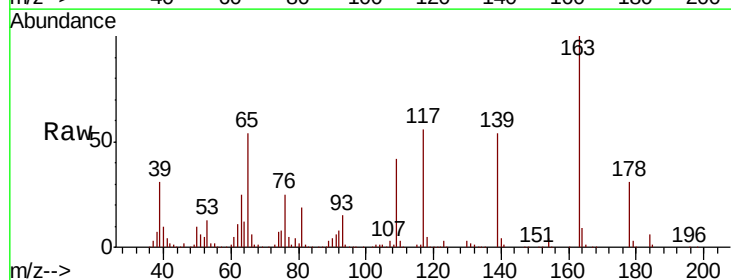
Instrument :
BNA_F
ClientSampleId :

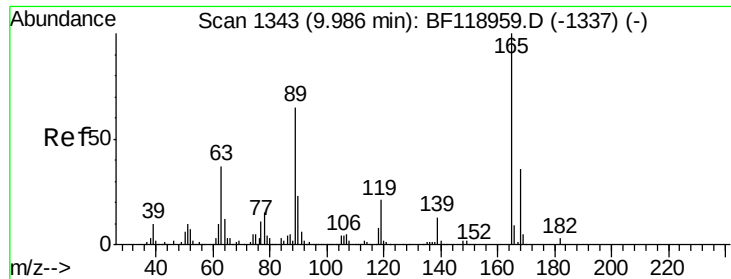
Tot Ion:168 Resp: 860489
Ion Ratio Lower Upper
168 100
139 40.8 34.0 51.0
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 63.599 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:139 Resp: 155711
Ion Ratio Lower Upper
139 100
109 78.3 56.7 96.7
65 100.3 65.0 105.0

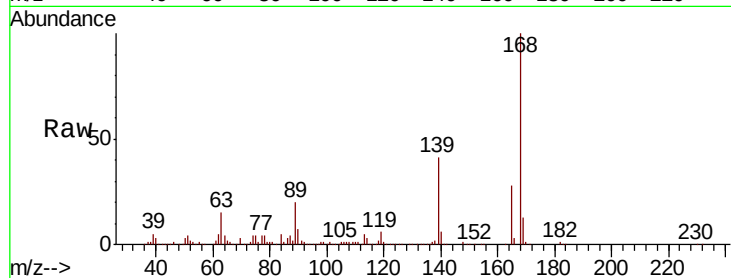




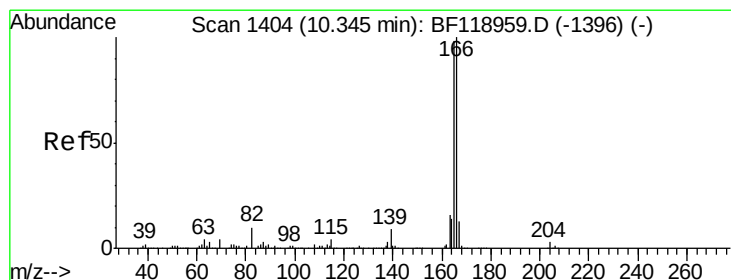
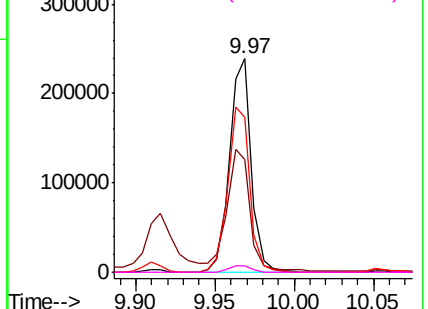
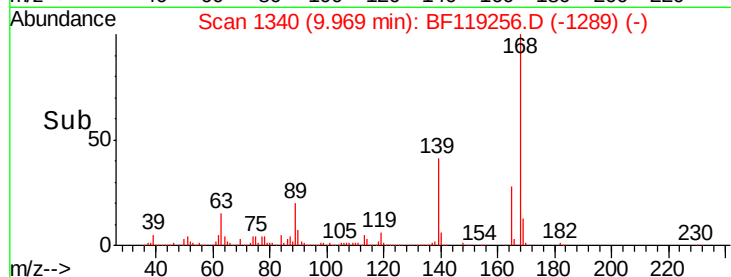
#57
2,4-Dinitrotoluene
Concen: 47.424 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.6	42.3	63.5
89	72.6	60.2	90.4
182	3.1	2.3	3.5

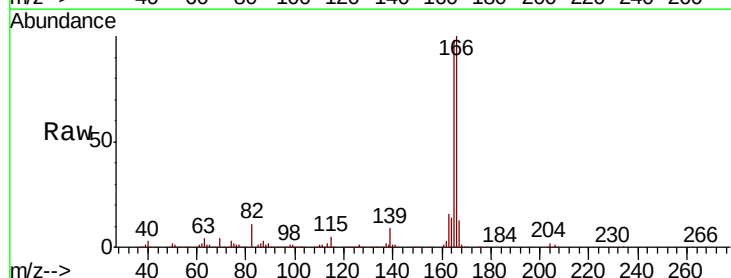


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

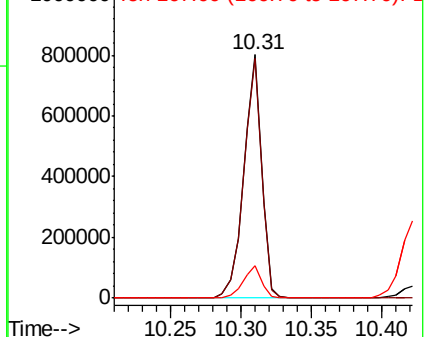
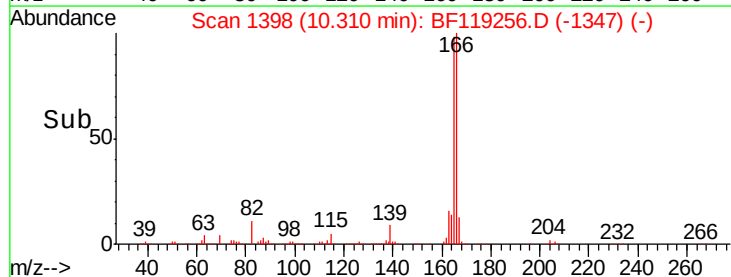


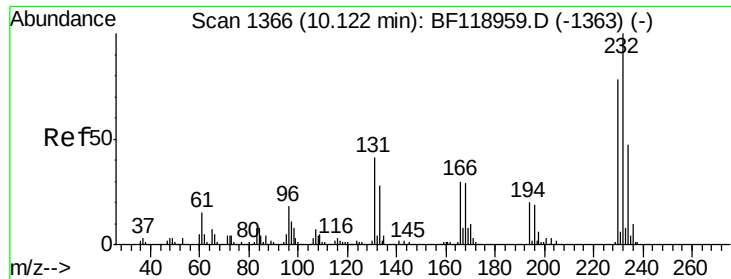
#58
Fluorene
Concen: 49.247 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	13.4	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

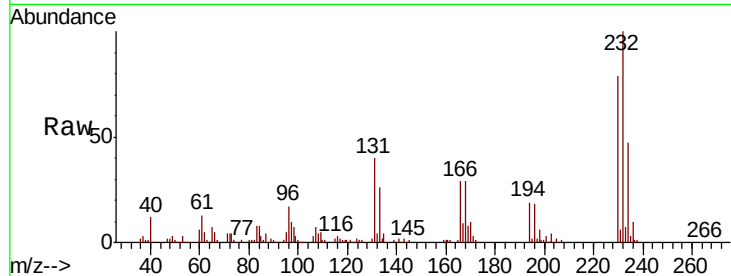




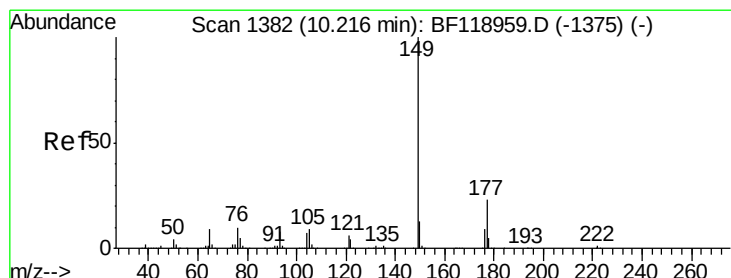
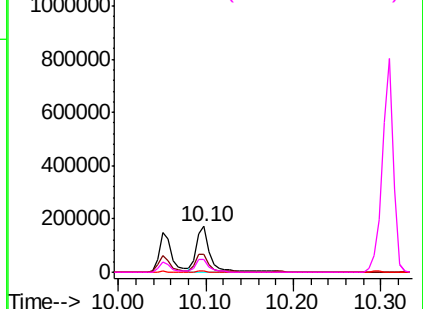
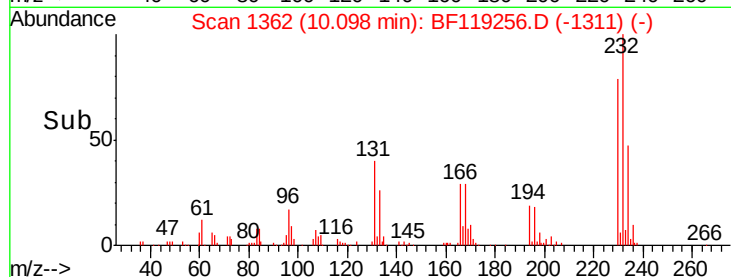
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.135 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	184097
Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.8	50.8
130	2.4	1.8	2.6
166	29.4	23.0	34.4

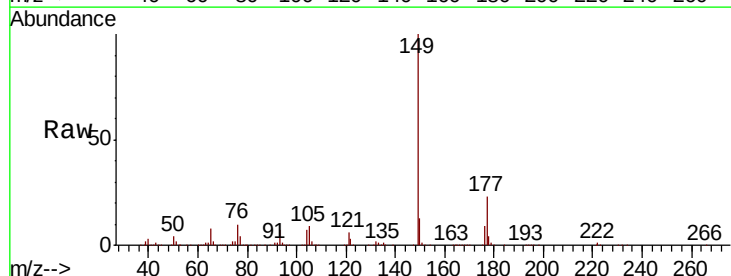


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

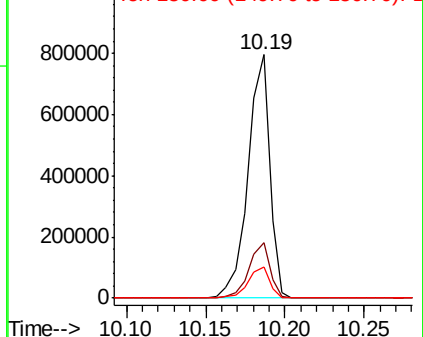
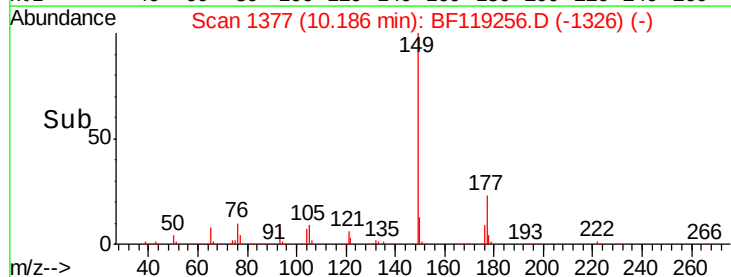


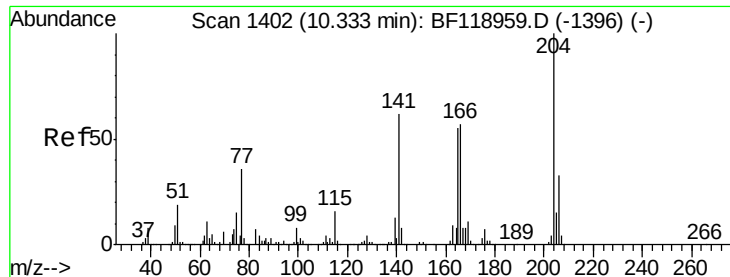
#60
Diethylphthalate
Concen: 48.355 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:	149	Resp:	753908
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.6	10.5	15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

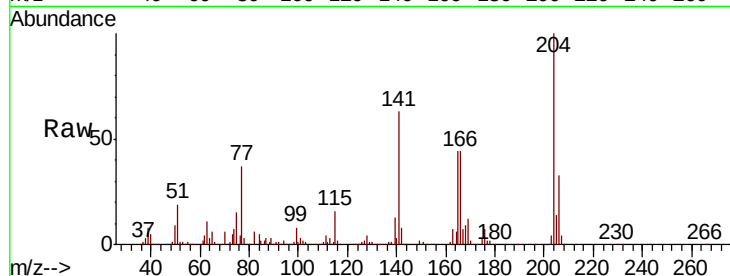




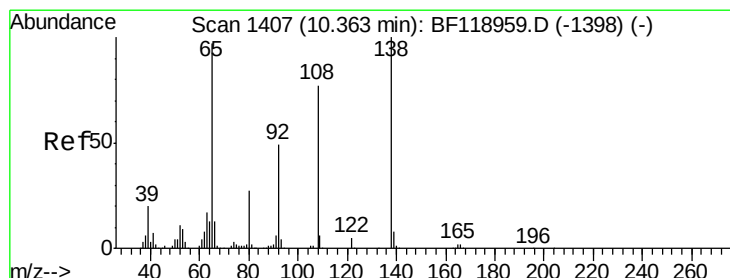
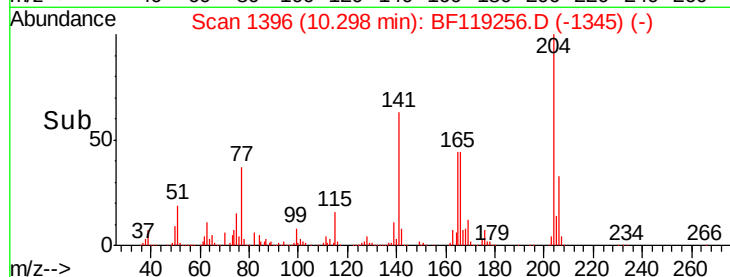
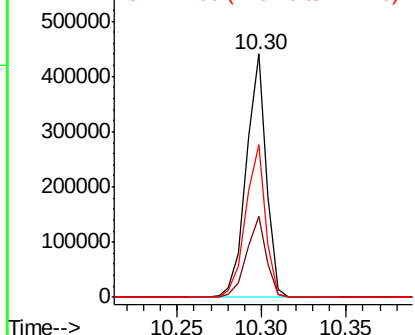
#61
4-Chlorophenyl-phenylether
Concen: 48.366 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 364384
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 62.7 52.9 79.3

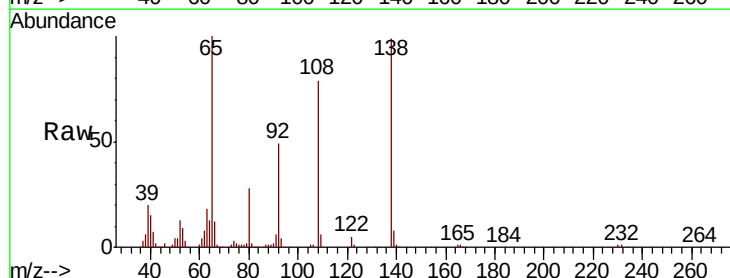


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

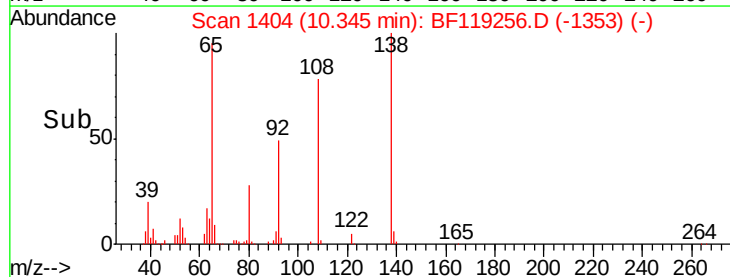
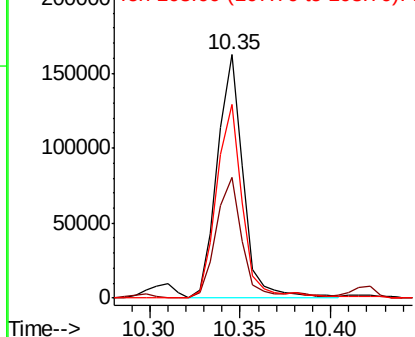


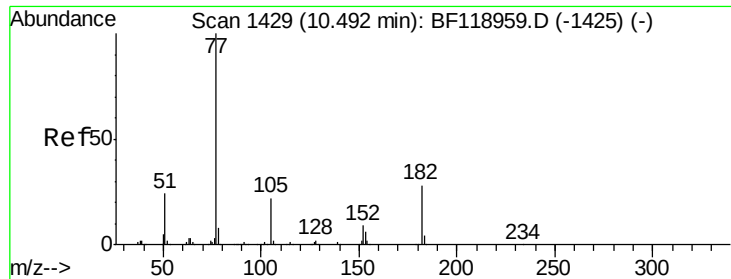
#62
4-Nitroaniline
Concen: 38.235 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:138 Resp: 159405
Ion Ratio Lower Upper
138 100
92 49.4 27.3 67.3
108 79.6 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

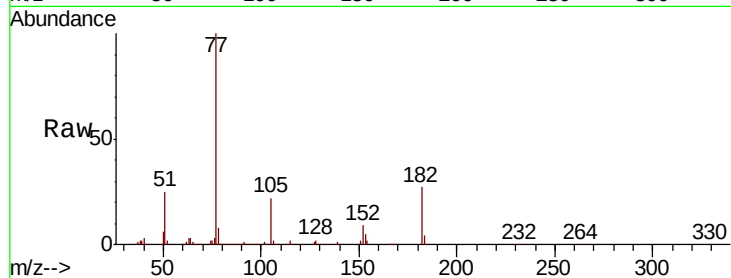




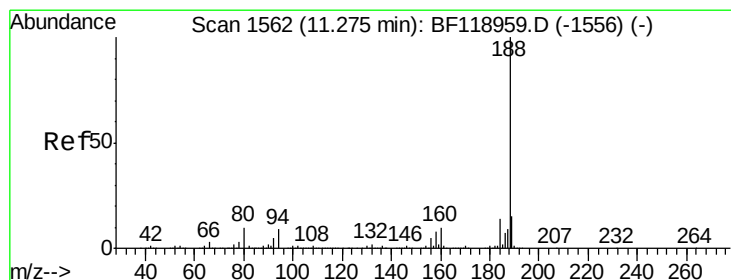
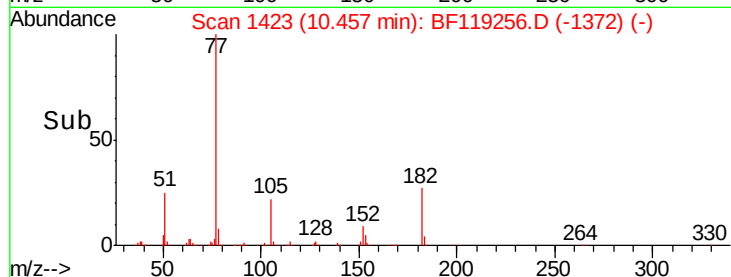
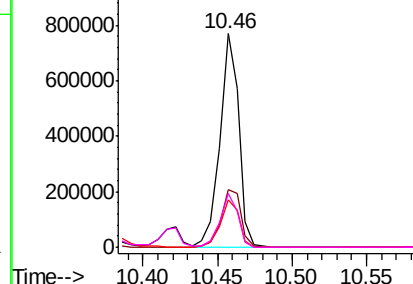
#63
Azobenzene
Concen: 49.810 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	675033
Ion	Ratio	Lower	Upper
77	100		
182	27.1	11.4	51.4
105	22.1	3.4	43.4
51	25.1	5.1	45.1

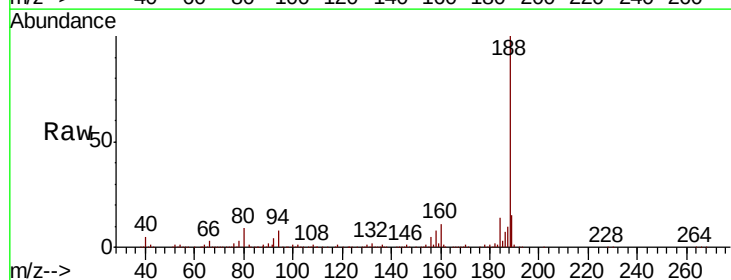


Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000
Ion 182.00 (181.70 to 182.70): E
1000000
Ion 105.00 (104.70 to 105.70): E
800000
Ion 51.00 (50.70 to 51.70): BF1

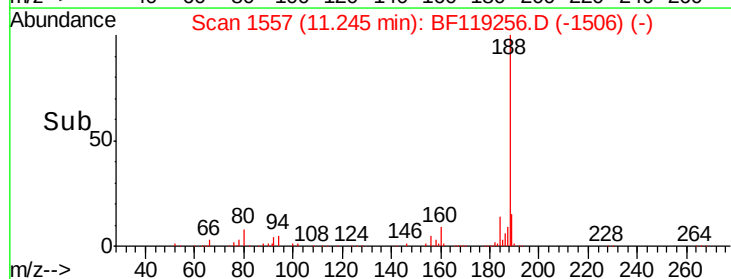
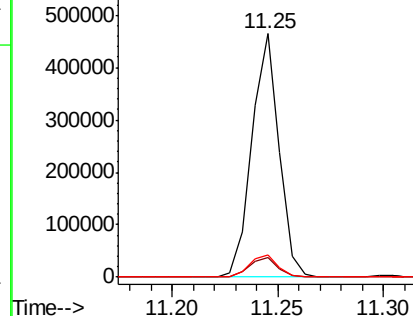


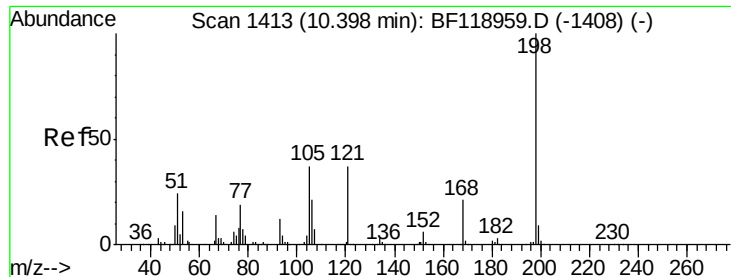
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:	188	Resp:	414722
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.9	7.8	11.8



Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BF1
500000
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.694 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampled :

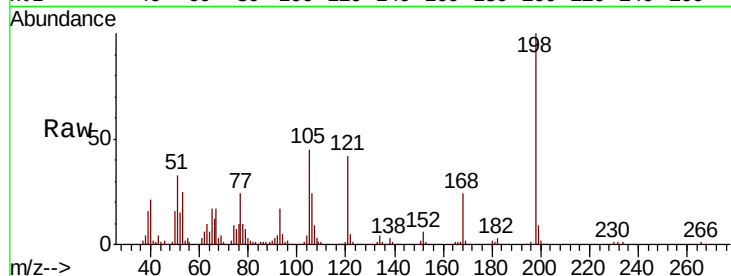
Tot Ion:198 Resp: 114670

Ion Ratio Lower Upper

198 100

51 33.2 14.2 54.2

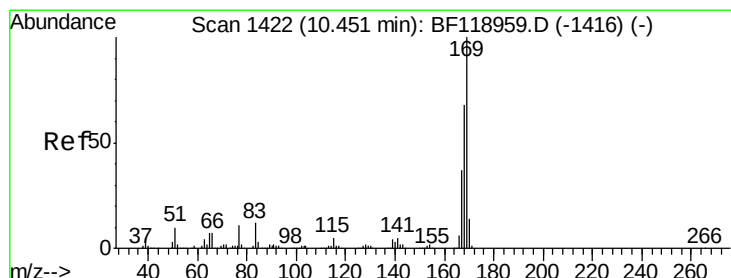
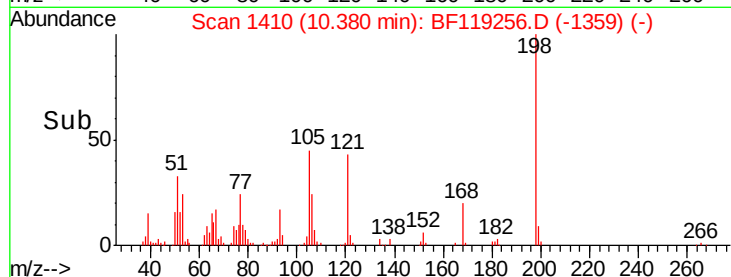
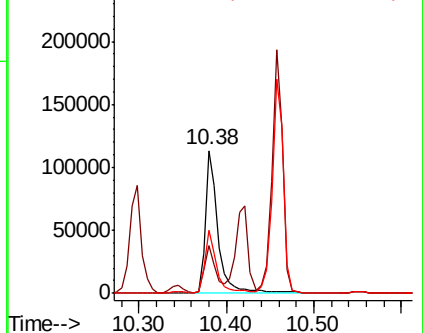
105 44.6 22.7 62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.146 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

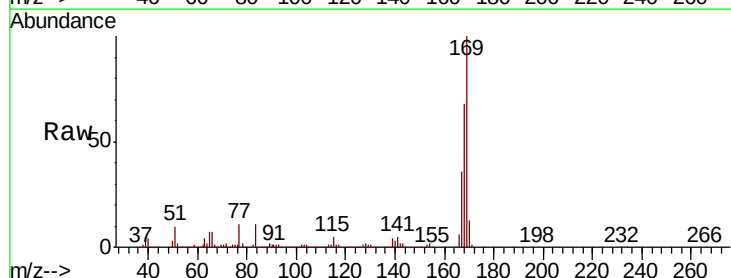
Tgt Ion:169 Resp: 640223

Ion Ratio Lower Upper

169 100

168 68.4 54.1 81.1

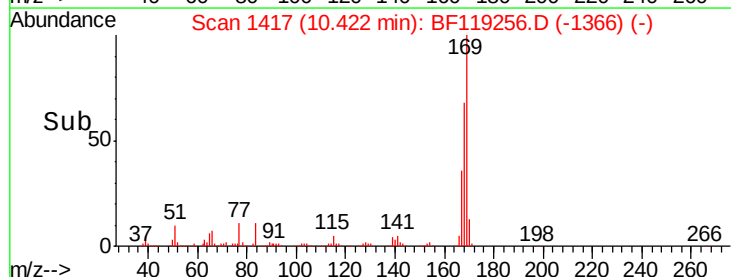
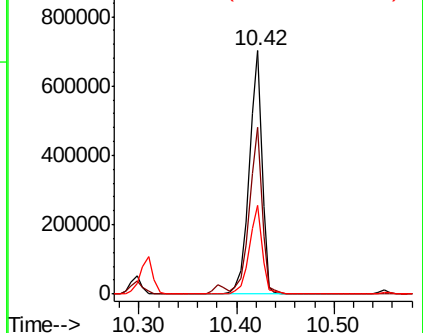
167 36.4 29.4 44.0

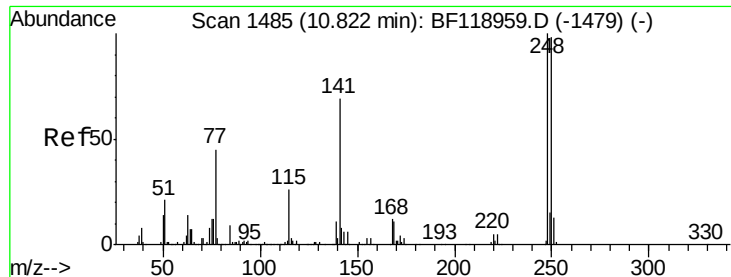


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

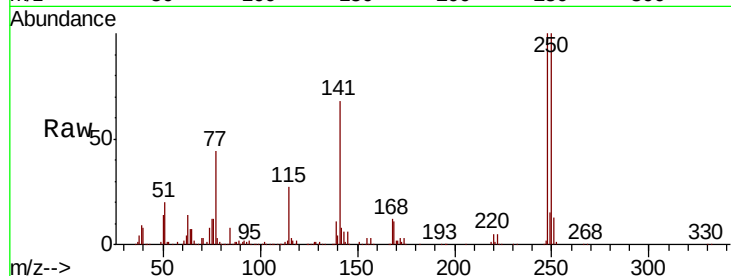




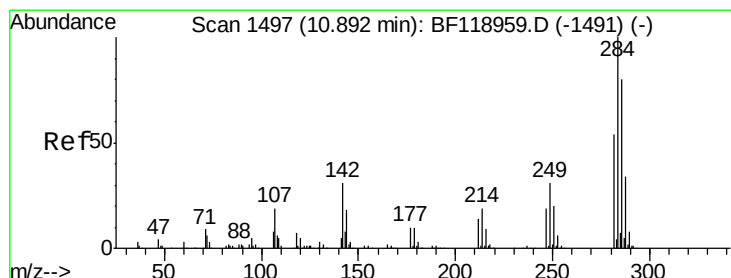
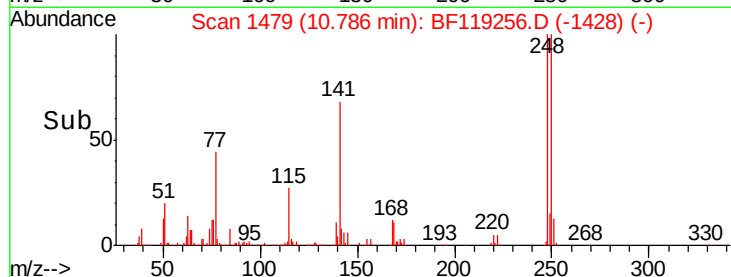
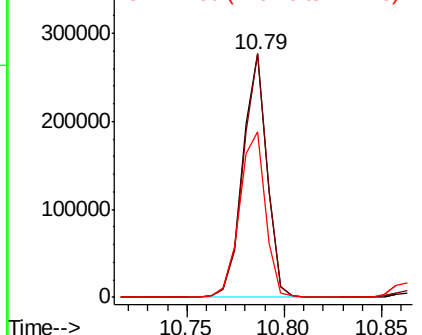
#67
4-Bromophenyl-phenylether
Concen: 44.025 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 238657
Ion Ratio Lower Upper
248 100
250 100.0 76.7 115.1
141 67.7 60.7 91.1

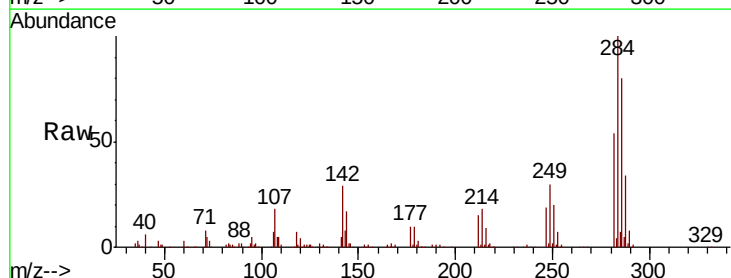


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

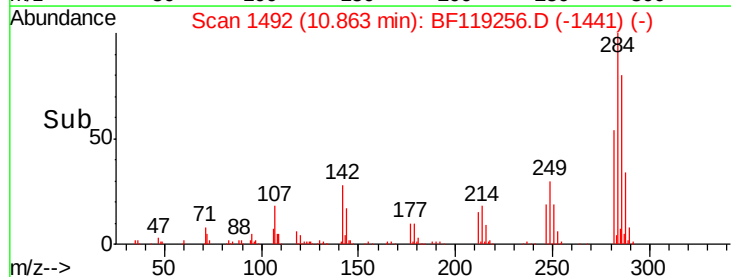
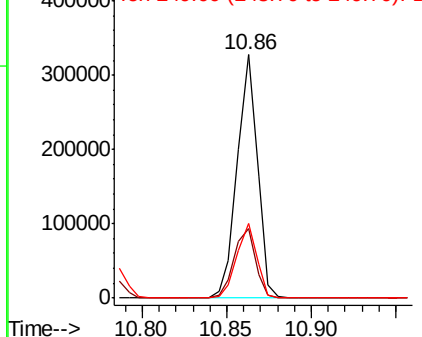


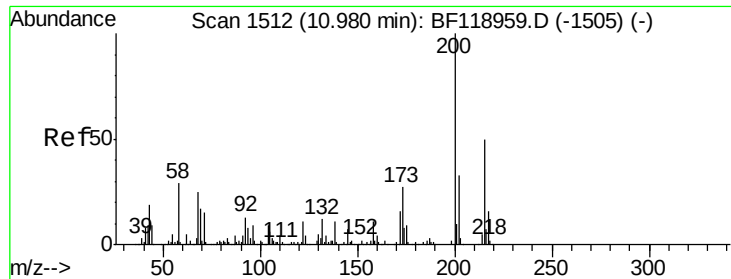
#68
Hexachlorobenzene
Concen: 43.726 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:284 Resp: 273289
Ion Ratio Lower Upper
284 100
142 28.6 23.7 35.5
249 30.4 25.0 37.6



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

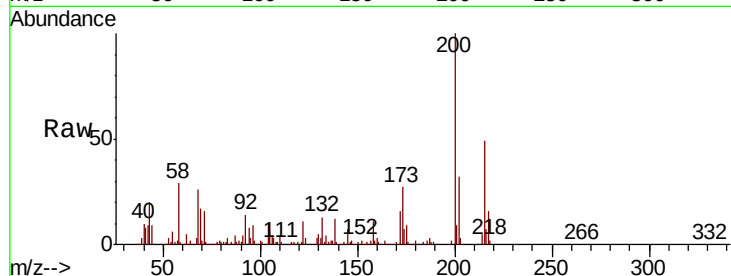




#69
Atrazine
Concen: 44.882 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.4	46.4
215	48.5	27.4	67.4

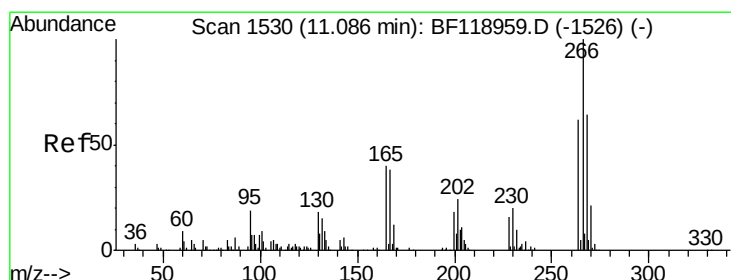
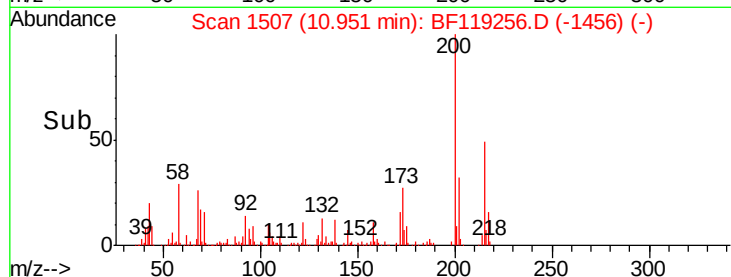
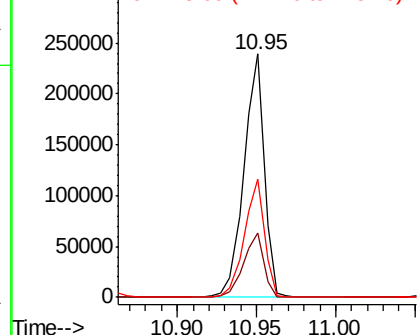


Abundance

Ion 200.00 (199.70 to 200.70): E

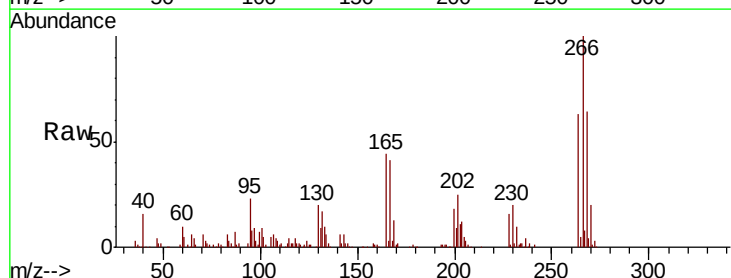
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.472 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	62.9	51.0	76.4

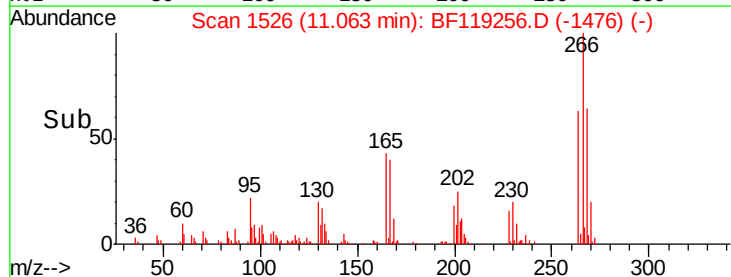
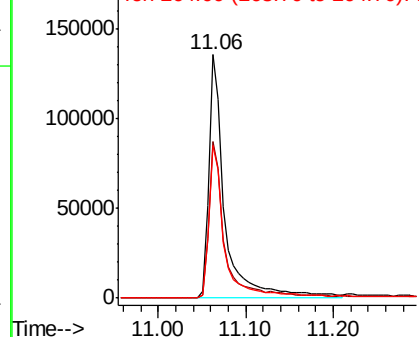


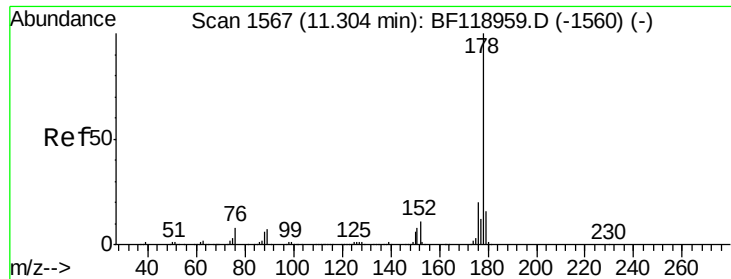
Abundance

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

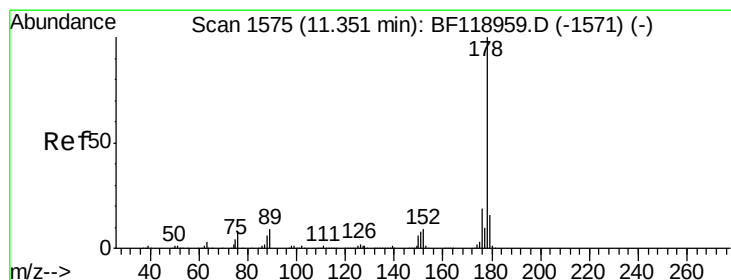
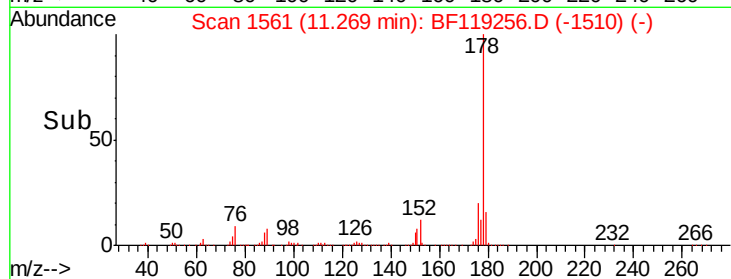
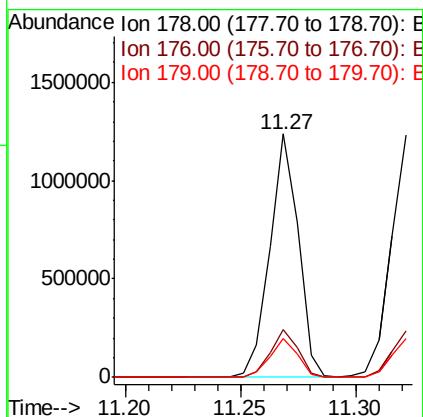
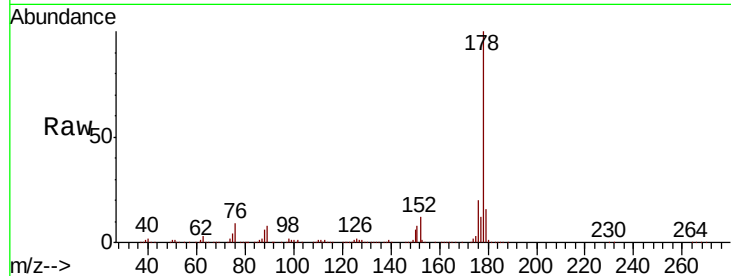




#71
Phenanthrene
Concen: 46.960 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

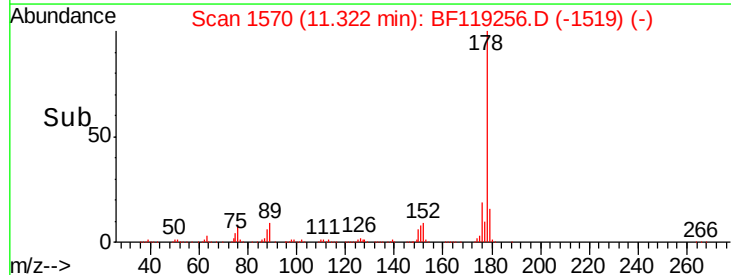
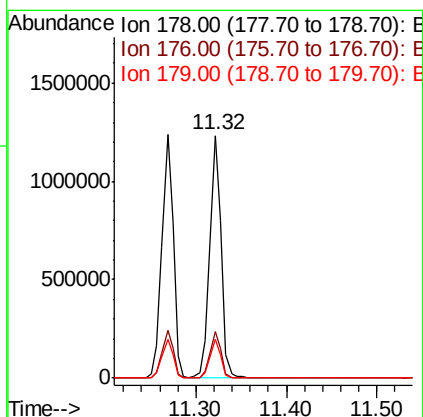
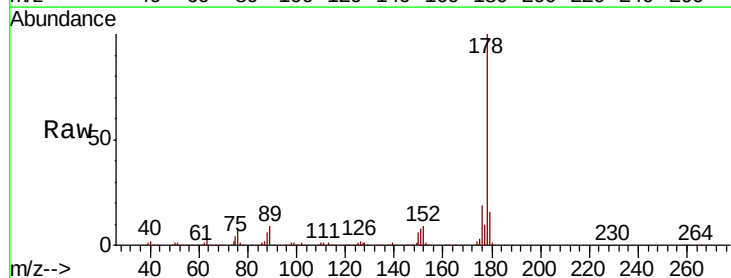
Instrument :
BNA_F
ClientSampleId :

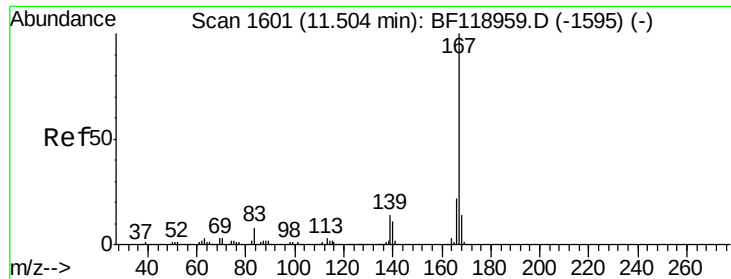
Tot Ion:178 Resp: 1062094
Ion Ratio Lower Upper
178 100
176 19.7 16.5 24.7
179 15.8 13.0 19.6



#72
Anthracene
Concen: 49.241 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:178 Resp: 1112747
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 16.0 13.1 19.7

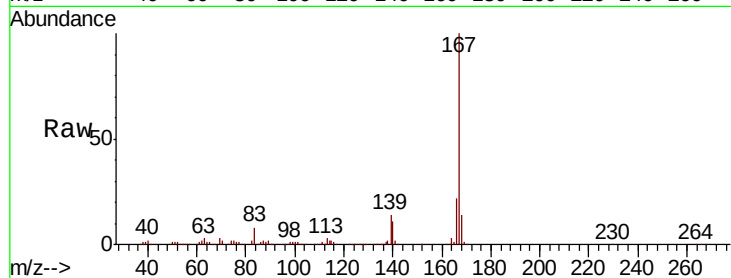




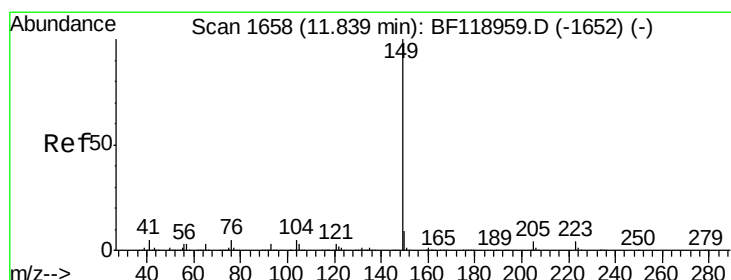
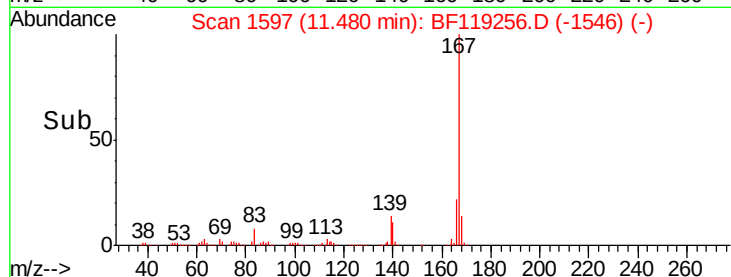
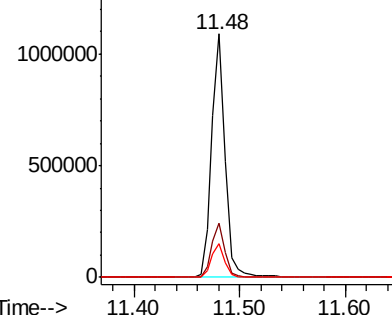
#73
 Carbazole
 Concen: 48.198 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 970322
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 14.0 11.7 17.5

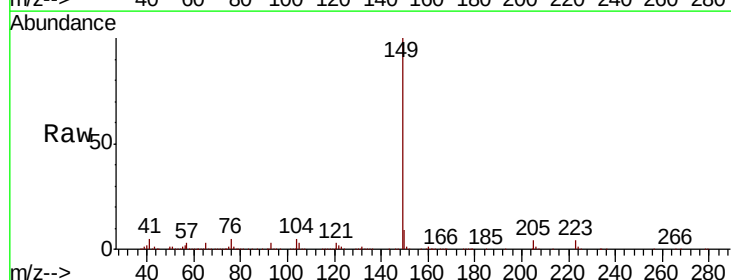


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

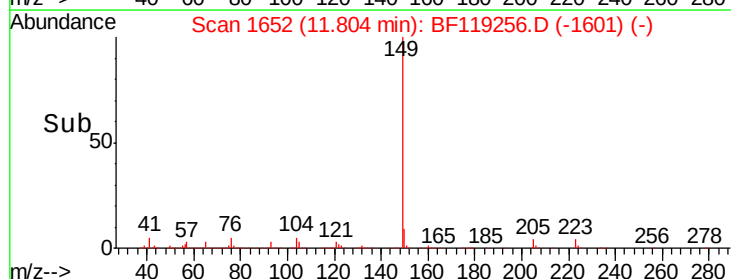
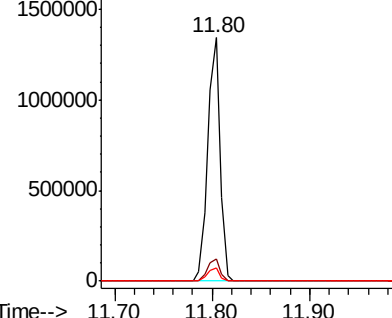


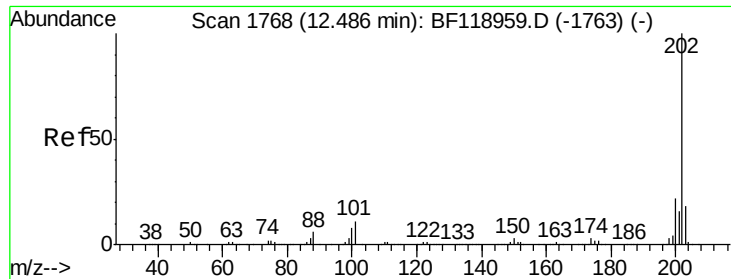
#74
 Di-n-butylphthalate
 Concen: 48.298 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion:149 Resp: 1177508
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.9 11.9
 104 5.2 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

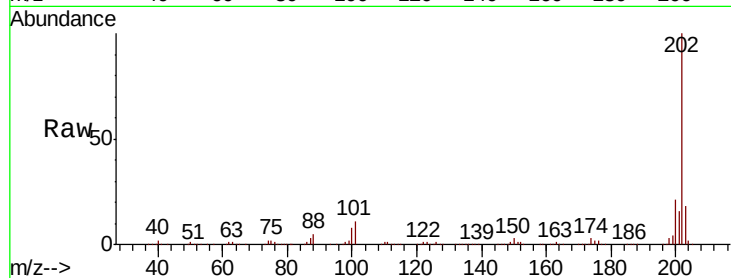




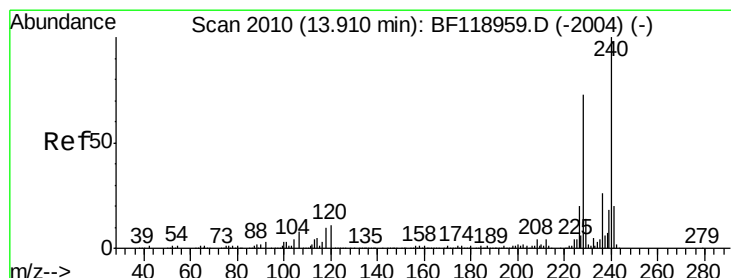
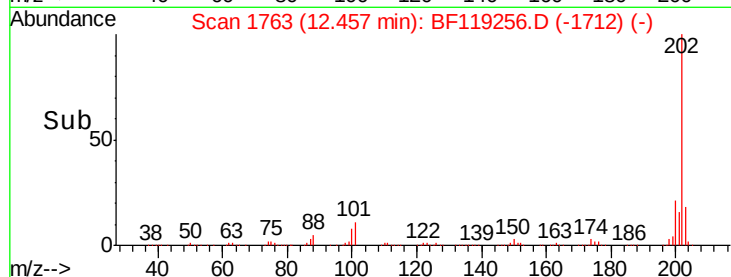
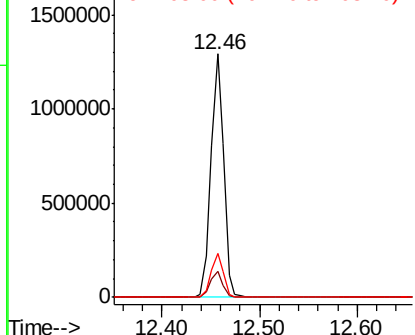
#75
Fluoranthene
Concen: 48.788 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1171270
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.3
203 18.0 0.0 38.4

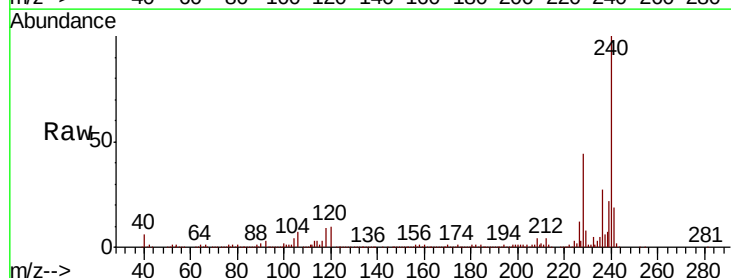


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

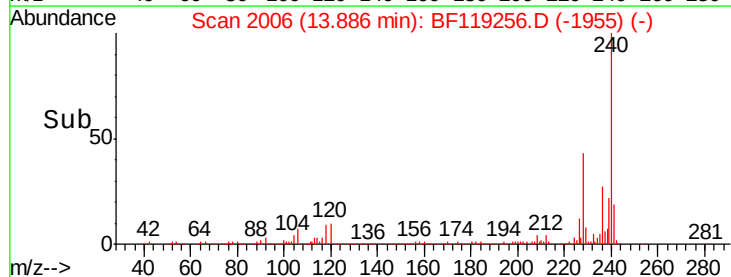
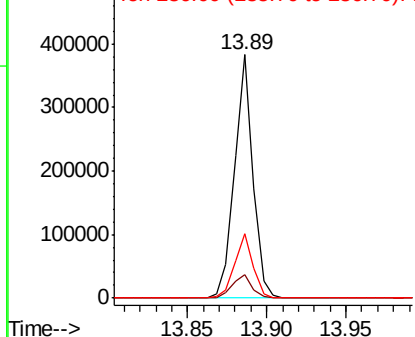


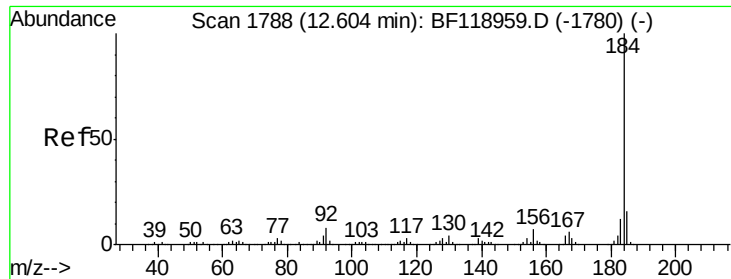
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:240 Resp: 310256
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.5 21.0 31.4



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





#77

Benzidine

Concen: 39.488 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

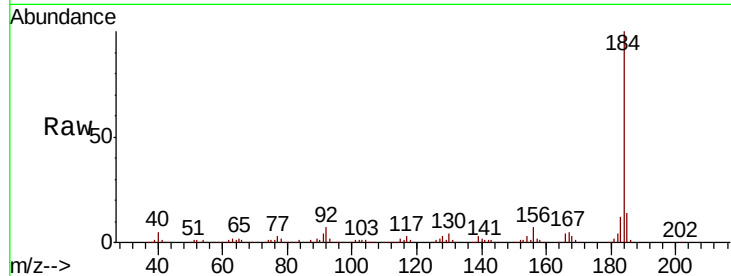
Tot Ion:184 Resp: 498249

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.4
183	12.2	9.9	14.9

184 100

185 14.4 12.2 18.4

183 12.2 9.9 14.9

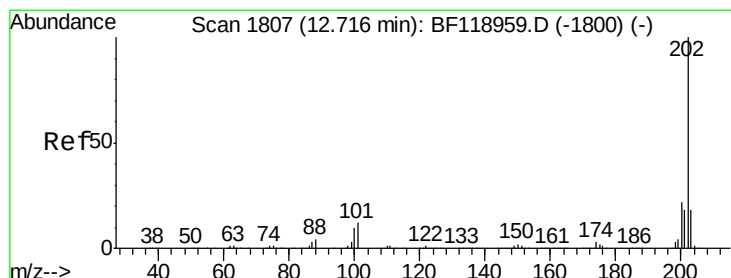
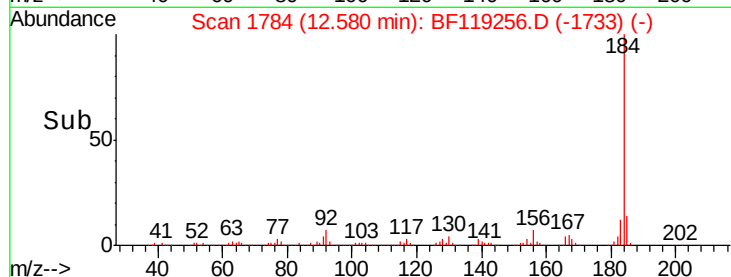
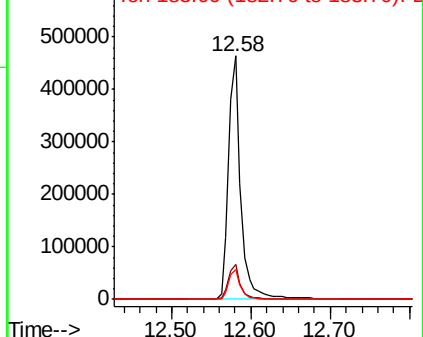


Abundance

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: 47.300 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

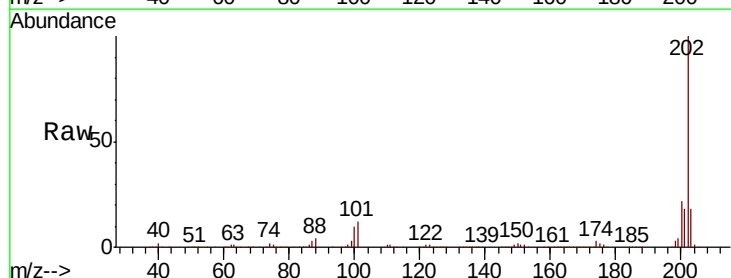
Tgt Ion:202 Resp: 1178402

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	17.7	14.6	22.0

202 100

200 21.9 18.0 27.0

203 17.7 14.6 22.0

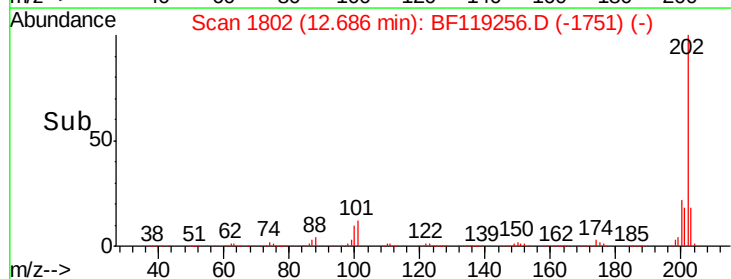
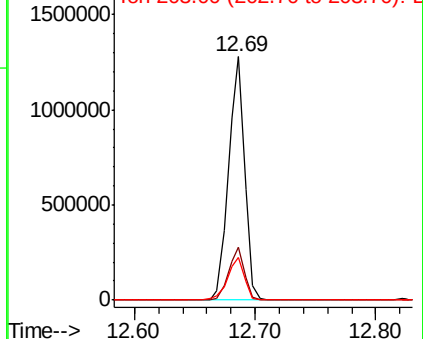


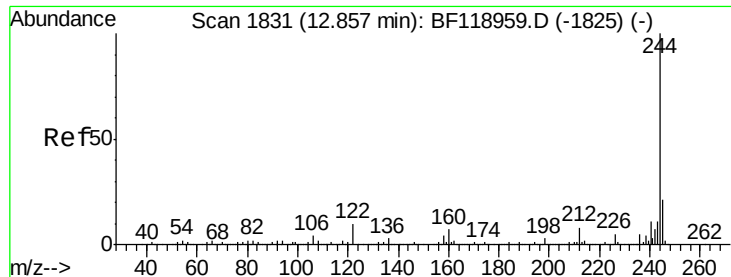
Abundance

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: 84.898 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

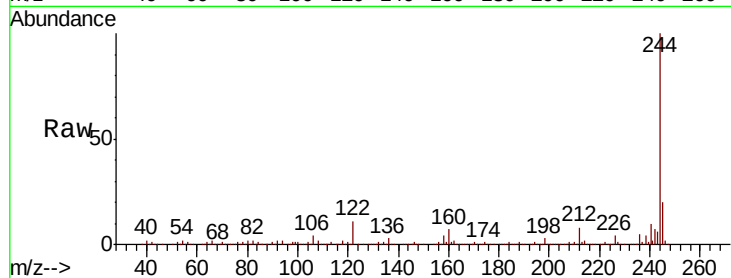
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1529907

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	10.6	8.2	12.2

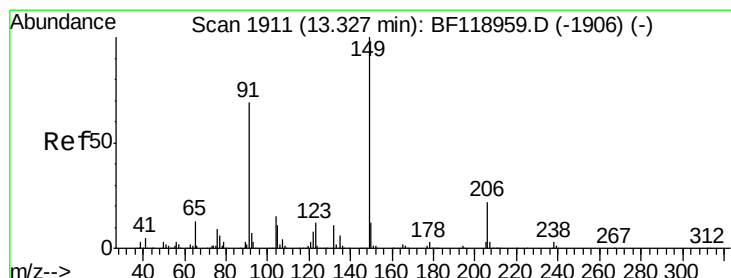
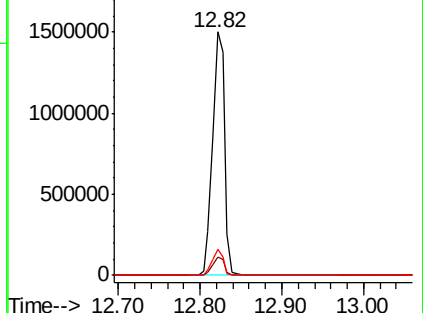
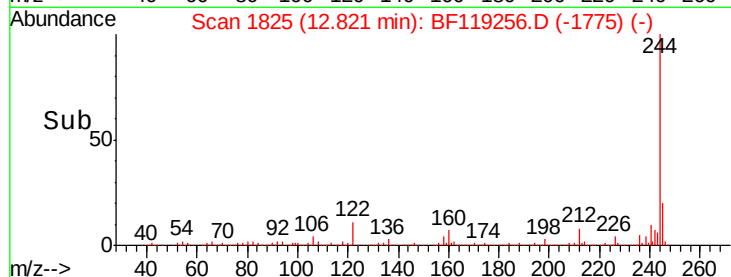


Abundance

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: 48.156 ng

RT: 13.30 min Scan# 1906

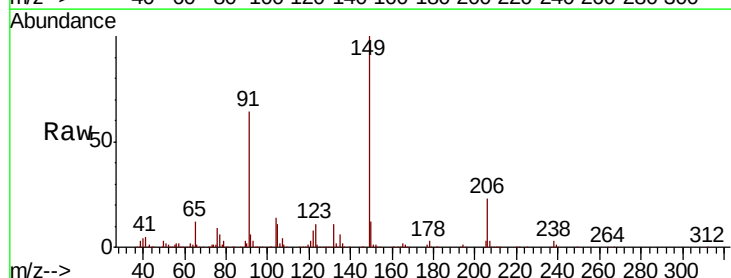
Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Tgt Ion:149 Resp: 504926

Ion	Ratio	Lower	Upper
149	100		
91	64.5	52.3	78.5
206	22.8	18.5	27.7

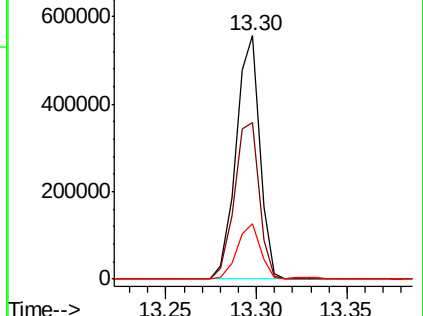
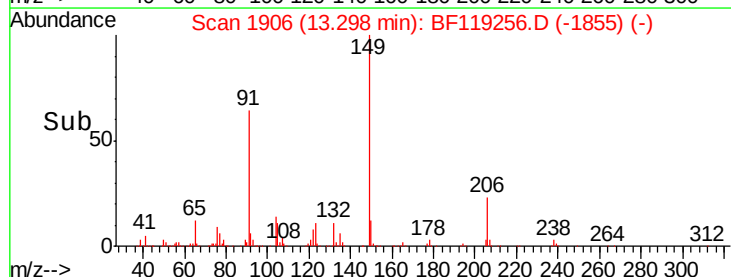


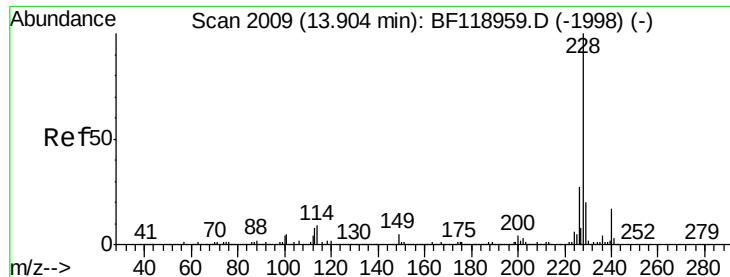
Abundance

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

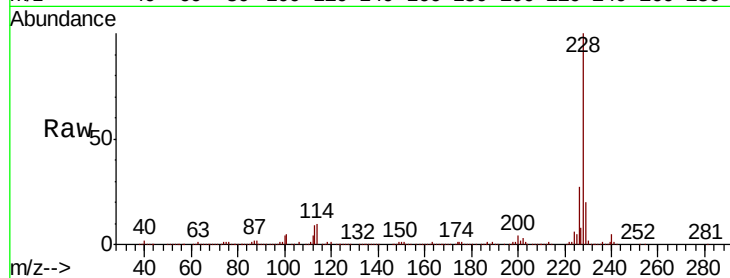




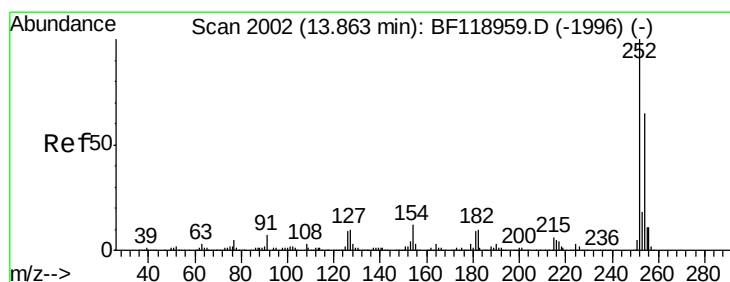
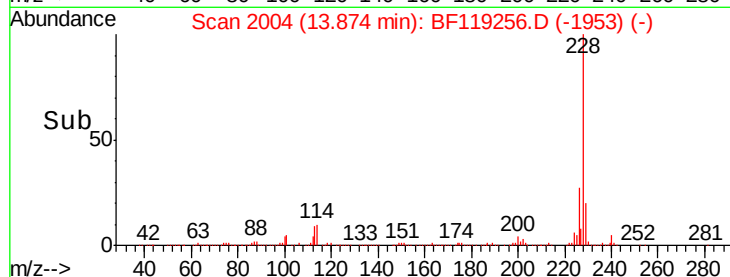
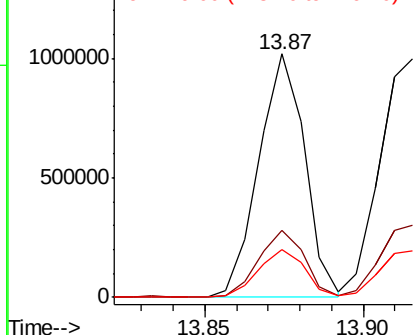
#81
Benzo(a)anthracene
Concen: 48.483 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1024922
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.8 16.6 24.8

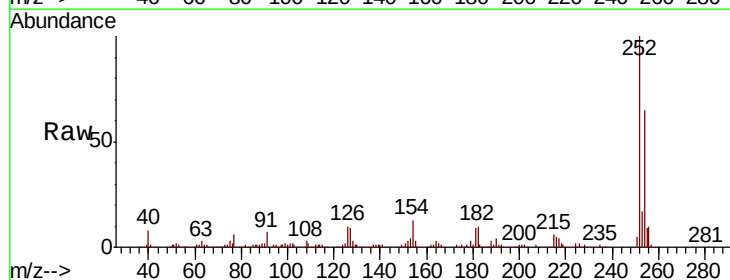


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

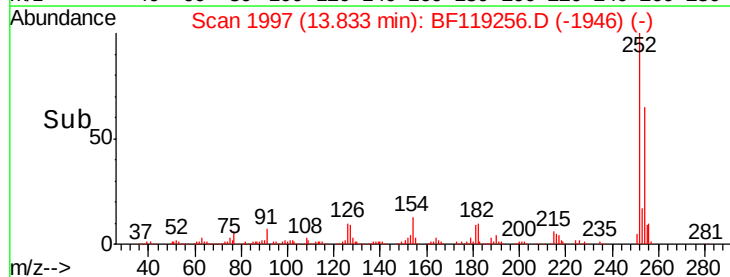
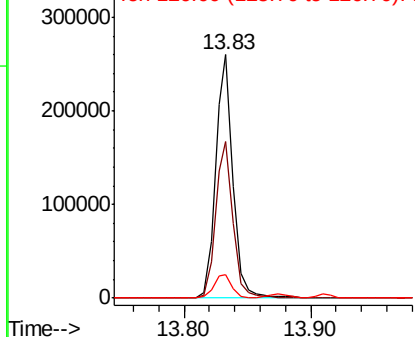


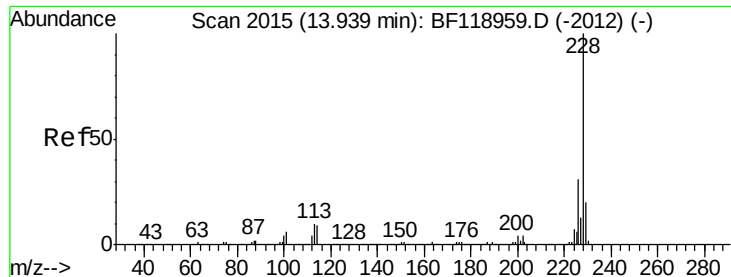
#82
3,3'-Dichlorobenzidine
Concen: 30.388 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:252 Resp: 249447
Ion Ratio Lower Upper
252 100
254 64.6 51.6 77.4
126 9.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

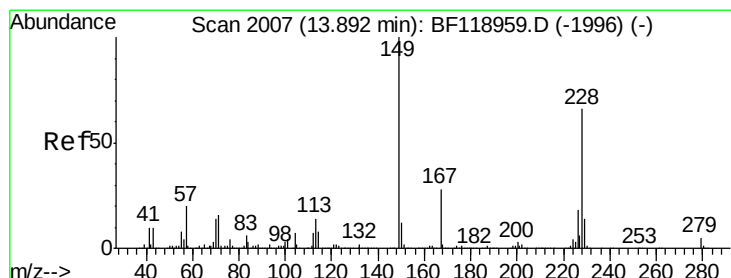
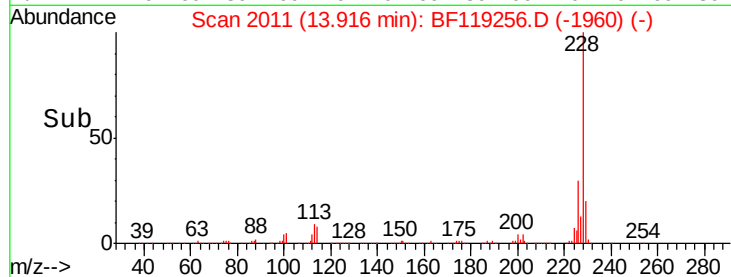
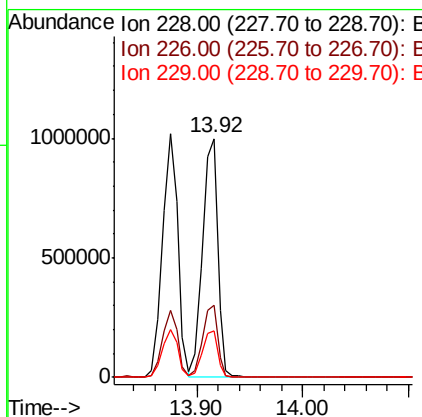
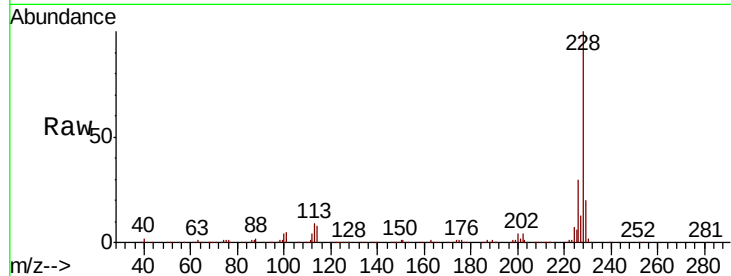




#83
 Chrysene
 Concen: 47.072 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

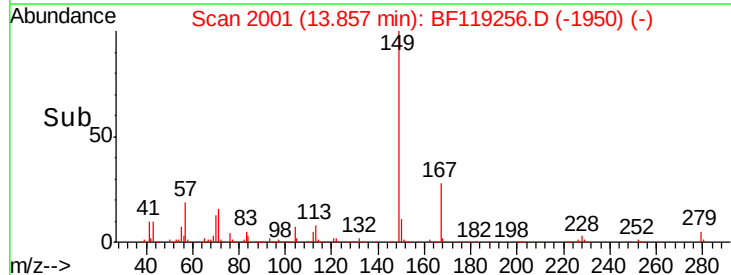
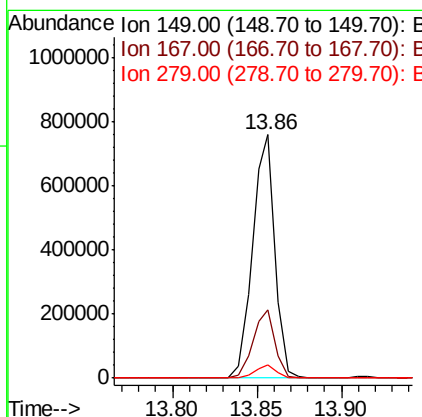
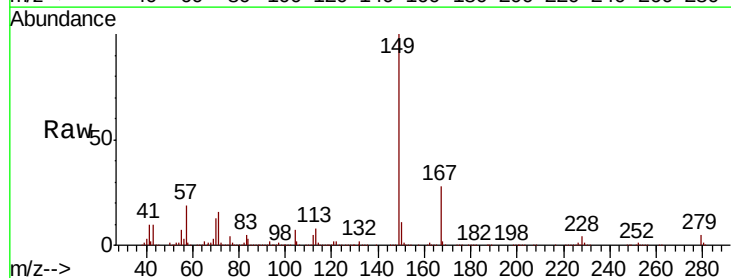
Instrument :
 BNA_F
 ClientSampleID :

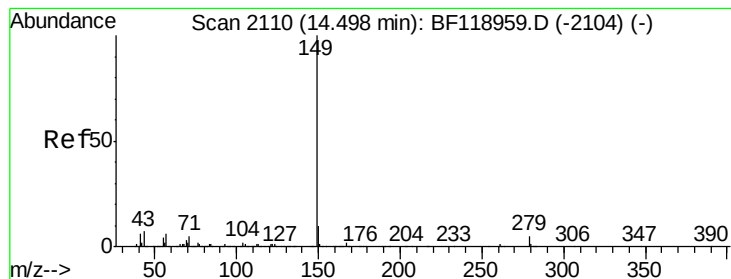
Tot Ion:228 Resp: 991528
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.1 37.7
 229 19.6 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.951 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119256.D
 Acq: 6 Mar 2020 18:13

Tgt Ion:149 Resp: 701421
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.8 34.2
 279 5.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 52.972 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

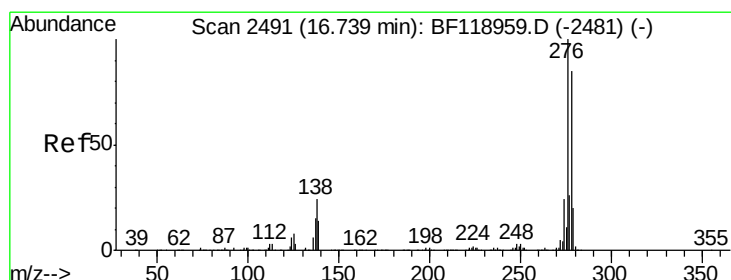
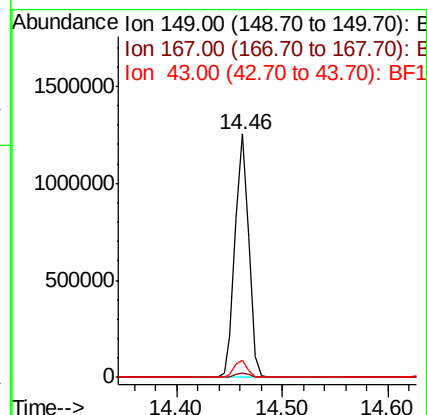
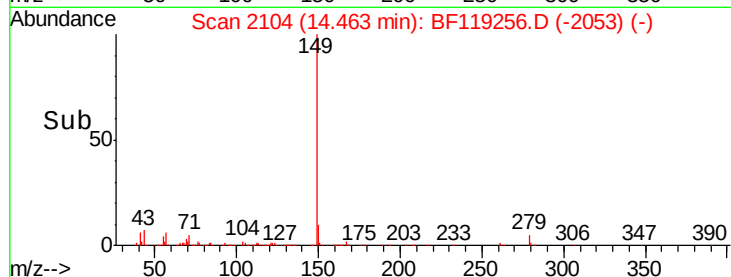
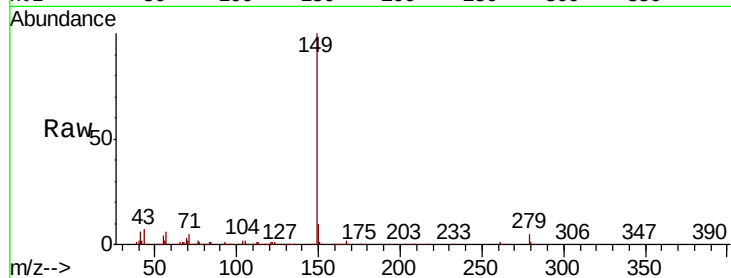
Tot Ion:149 Resp: 1118030

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.7 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.398 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

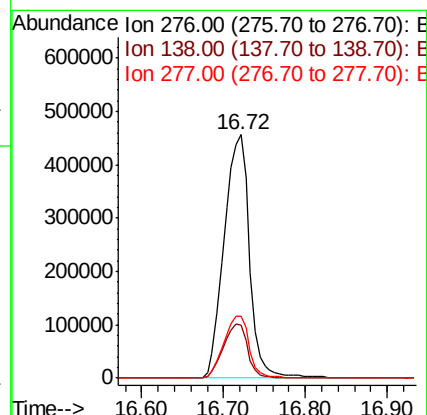
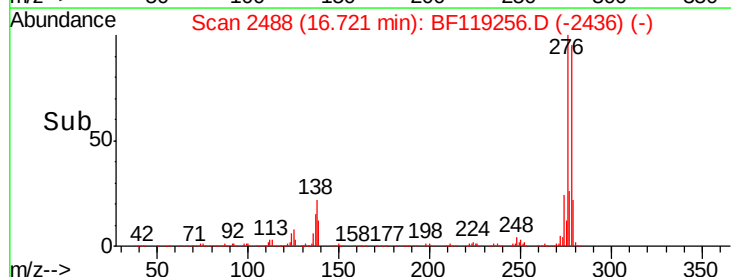
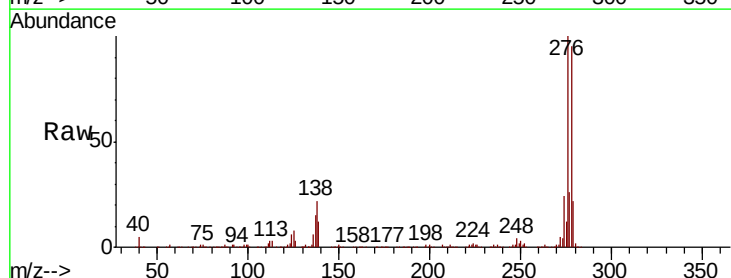
Tgt Ion:276 Resp: 987115

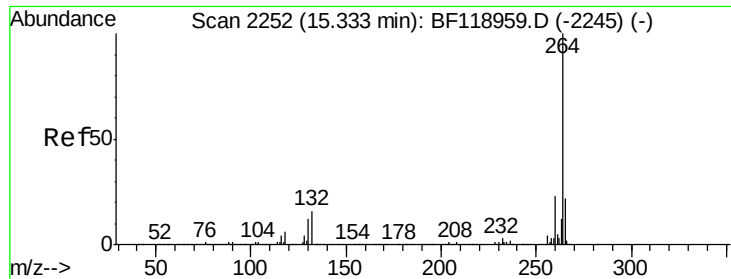
Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.0

277 25.6 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

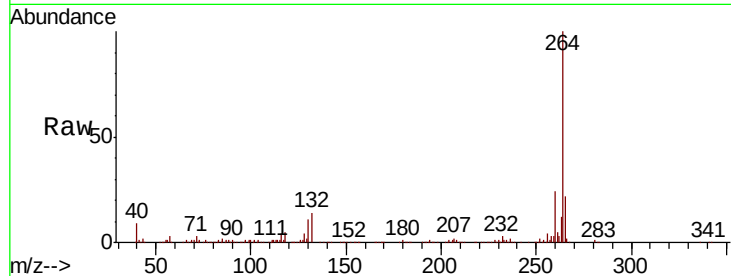
Tot Ion:264 Resp: 301716

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

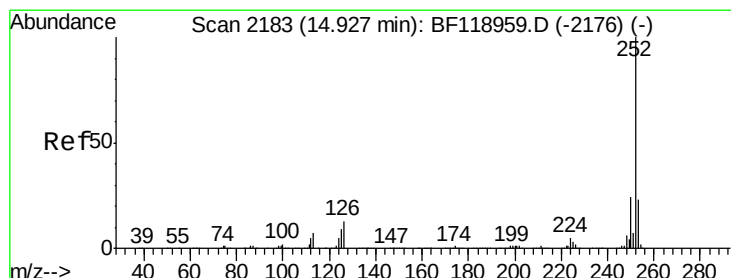
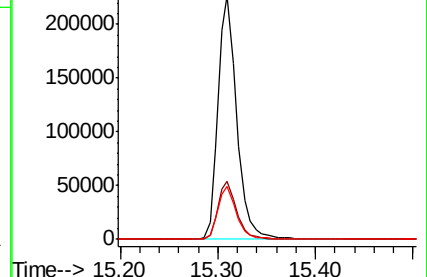
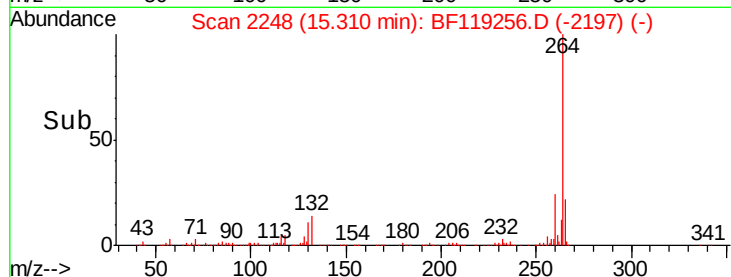
265 21.7 17.7 26.5



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: 45.728 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

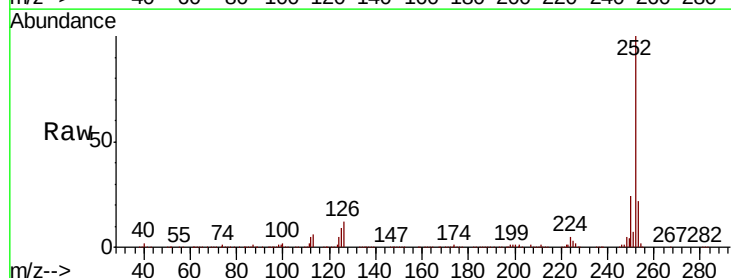
Tgt Ion:252 Resp: 909420

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

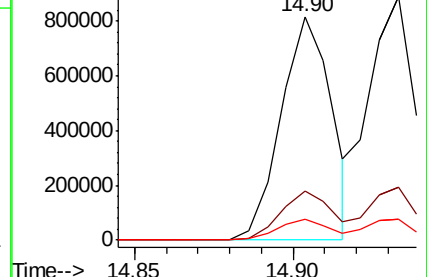
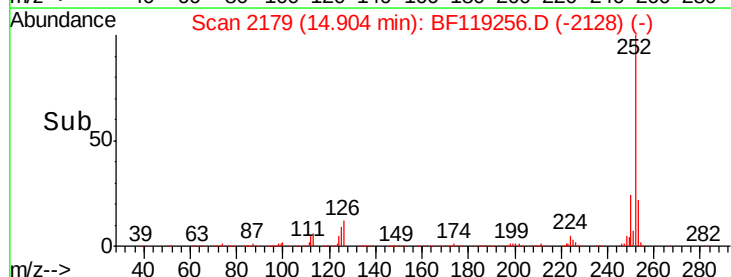
125 9.2 7.4 11.0

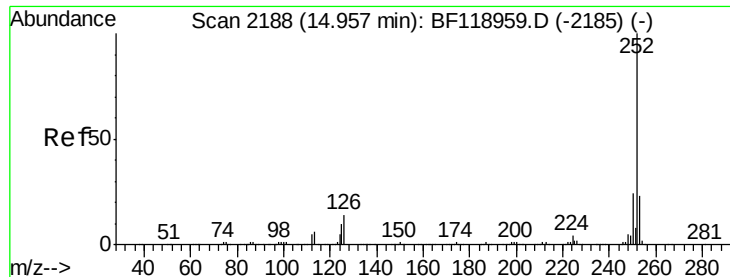


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

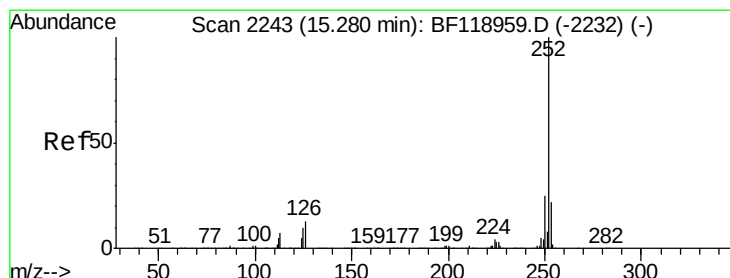
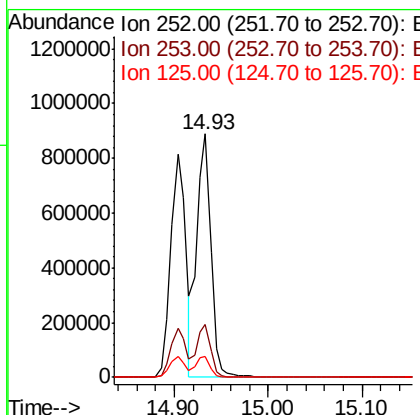
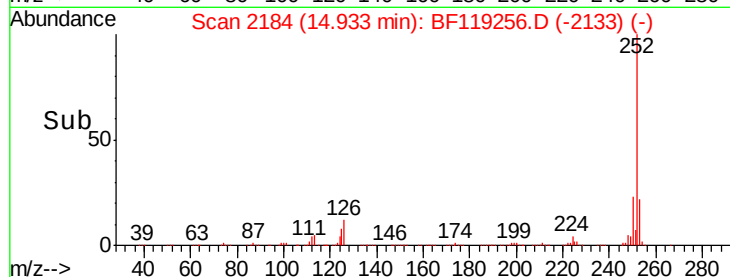
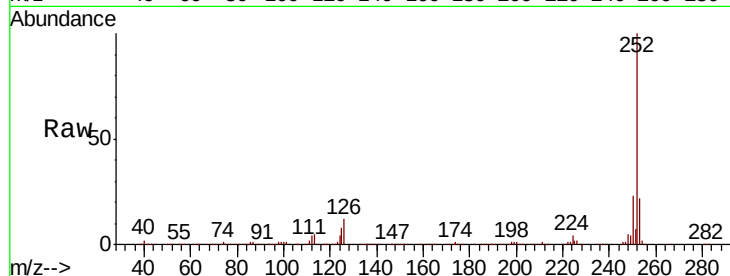




#89
Benzo(k)fluoranthene
Concen: 50.334 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

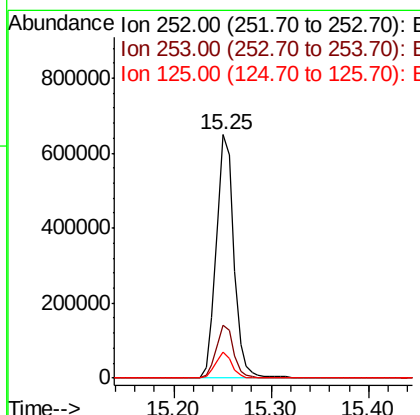
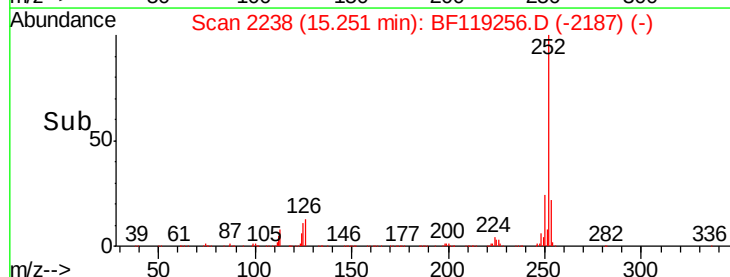
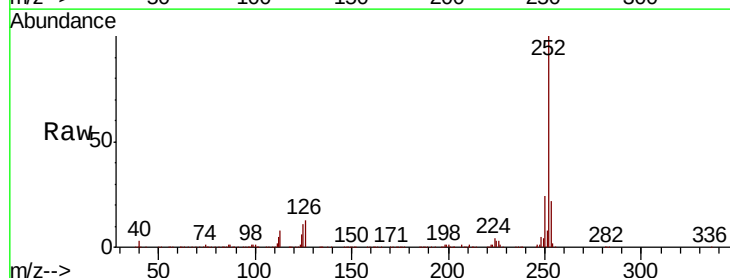
Instrument :
BNA_F
ClientSampled :

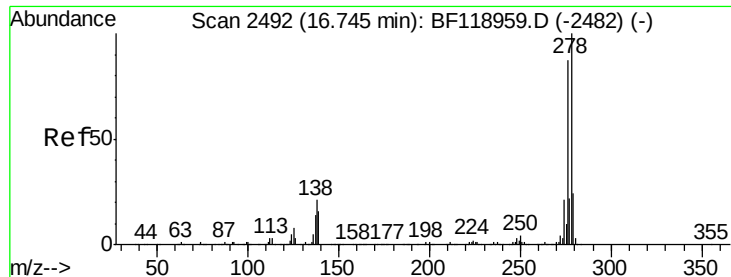
Tot Ion:252 Resp: 927658
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 45.531 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF119256.D
Acq: 6 Mar 2020 18:13

Tgt Ion:252 Resp: 817236
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 52.918 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

Instrument :

BNA_F

ClientSampleId :

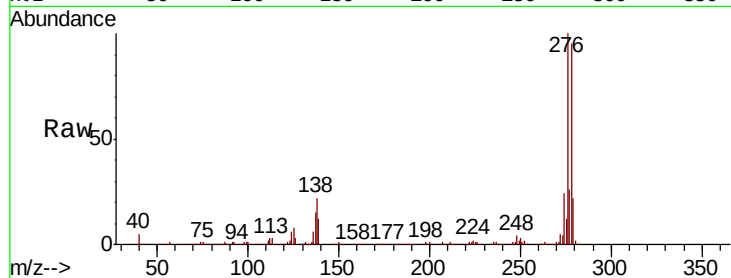
Tot Ion:278 Resp: 835741

Ion Ratio Lower Upper

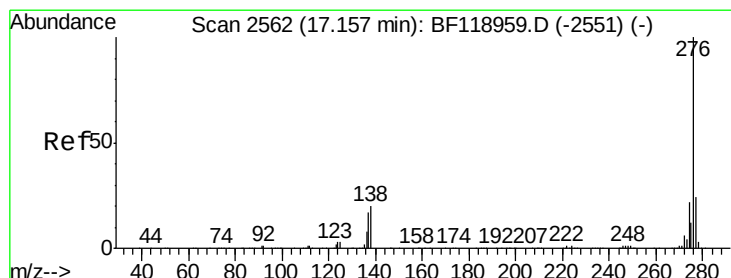
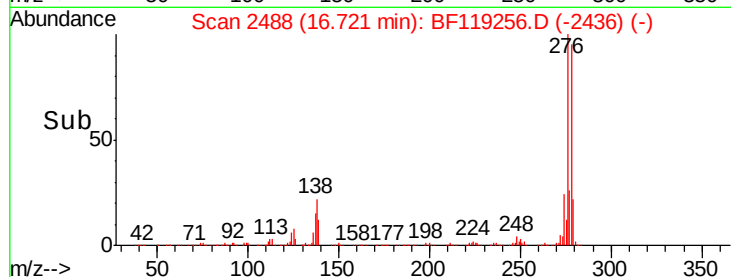
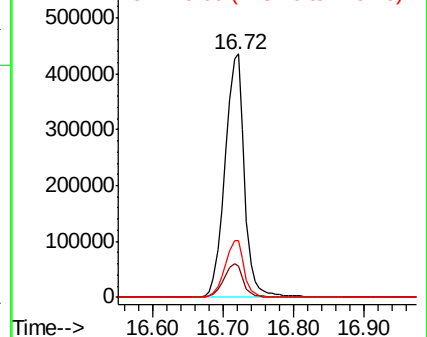
278 100

139 12.7 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: 54.722 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BF119256.D

Acq: 6 Mar 2020 18:13

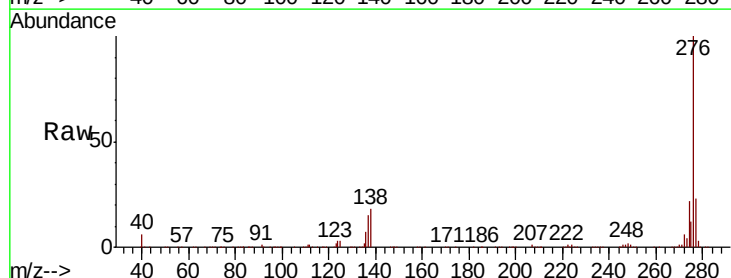
Tgt Ion:276 Resp: 853905

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 18.2 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

