

Data File : BF118642.D
Acq On : 21 Jan 2020 19:42
Operator : CG/JU
Sample : PB126243BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Quant Time: Jan 22 04:19:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	378998	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1387122	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	766753	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1397243	20.00	ng	0.00
76) Chrysene-d12	14.04	240	930874	20.00	ng	0.00
87) Perylene-d12	15.51	264	888845	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2483007	121.68	ng	0.01
7) Phenol-d6	6.51	99	3214523	121.20	ng	0.00
23) Nitrobenzene-d5	7.44	82	1863443	75.14	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1115681	125.80	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3561561	76.35	ng	0.00
79) Terphenyl-d14	12.99	244	3939917	92.31	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.74	88	503367	50.928 ng	98
3) Pyridine	3.49	79	1034148	37.122 ng	99
4) n-Nitrosodimethylamine	3.43	42	475729	39.833 ng	87
6) Aniline	6.54	93	1231766	35.269 ng	98
8) 2-Chlorophenol	6.67	128	1037820	45.310 ng	98
9) Benzaldehyde	6.43	77	569168	35.286 ng	94
10) Phenol	6.52	94	1289600	42.665 ng	98
11) bis(2-Chloroethyl)ether	6.62	93	978496	43.633 ng	97
12) 1,3-Dichlorobenzene	6.82	146	1154696	43.071 ng	99
13) 1,4-Dichlorobenzene	6.90	146	1165362	43.304 ng	99
14) 1,2-Dichlorobenzene	7.05	146	1102807	43.592 ng	99
15) Benzyl Alcohol	7.02	79	929085	44.172 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1282357	41.053 ng	99
17) 2-Methylphenol	7.13	107	861936	45.177 ng	99
18) Hexachloroethane	7.40	117	415562	42.585 ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	752349	42.010 ng	98
20) 3+4-Methylphenols	7.28	107	1048687	45.020 ng	94
22) Acetophenone	7.29	105	1362717	41.471 ng	# 95
24) Nitrobenzene	7.46	77	1088416	42.863 ng	99
25) Isophorone	7.70	82	1994094	44.085 ng	99
26) 2-Nitrophenol	7.77	139	532793	49.203 ng	99
27) 2,4-Dimethylphenol	7.81	122	929354	49.701 ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	1230084	42.205 ng	99
29) 2,4-Dichlorophenol	8.02	162	932205	45.098 ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	1016044	42.393 ng	99
31) Naphthalene	8.19	128	2911160	46.459 ng	99
32) Benzoic acid	7.92	122	486034	34.634 ng	97
33) 4-Chloroaniline	8.23	127	625737	21.605 ng	97
34) Hexachlorobutadiene	8.31	225	609368	41.750 ng	98
35) Caprolactam	8.59	113	142680	21.092 ng	95
36) 4-Chloro-3-methylphenol	8.71	107	892959	43.746 ng	97
37) 2-Methylnaphthalene	8.87	142	2033708	45.981 ng	99
38) 1-Methylnaphthalene	8.97	142	1936816	46.092 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1028469	42.869 ng	98

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QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1182084	97.658	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	705280	44.301	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	733950	45.141	ng	97
46) 1,1'-Biphenyl	9.34	154	2418752	45.771	ng	99
47) 2-Chloronaphthalene	9.36	162	1959805	44.000	ng	98
48) 2-Nitroaniline	9.46	65	547809	40.010	ng	90
49) Acenaphthylene	9.78	152	2959481	47.230	ng	98
50) Dimethylphthalate	9.64	163	2180549	43.650	ng	100
51) 2,6-Dinitrotoluene	9.70	165	499075	44.615	ng	86
52) Acenaphthene	9.96	154	1955605	46.674	ng	99
53) 3-Nitroaniline	9.86	138	326663	25.574	ng	96
54) 2,4-Dinitrophenol	9.97	184	366685	82.108	ng	# 41
55) Dibenzofuran	10.13	168	2694854	46.411	ng	97
56) 4-Nitrophenol	10.03	139	847570	87.898	ng	90
57) 2,4-Dinitrotoluene	10.10	165	649916	46.087	ng	95
58) Fluorene	10.47	166	2066725	45.339	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	638505	44.648	ng	97
60) Diethylphthalate	10.34	149	2112850	43.622	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	1098798	44.321	ng	98
62) 4-Nitroaniline	10.48	138	495549	37.822	ng	95
63) Azobenzene	10.62	77	2080094	44.345	ng	92
65) 4,6-Dinitro-2-methylphenol	10.51	198	289498	47.119	ng	93
66) n-Nitrosodiphenylamine	10.57	169	1903894	45.183	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	753179	43.631	ng	98
68) Hexachlorobenzene	11.02	284	828159	42.315	ng	93
69) Atrazine	11.10	200	684187	46.846	ng	99
70) Pentachlorophenol	11.21	266	882619	81.114	ng	97
71) Phenanthrene	11.43	178	2992521	44.394	ng	97
72) Anthracene	11.48	178	3091534	46.349	ng	98
73) Carbazole	11.63	167	2683674	43.865	ng	98
74) Di-n-butylphthalate	11.96	149	3125829	45.986	ng	100
75) Fluoranthene	12.62	202	3111915	43.770	ng	99
77) Benzidine	12.73	184	1733128	69.681	ng	98
78) Pyrene	12.84	202	3136765	49.634	ng	98
80) Butylbenzylphthalate	13.46	149	1297410	50.162	ng	97
81) Benzo(a)anthracene	14.03	228	2482747	44.337	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	537171	26.921	ng	98
83) Chrysene	14.07	228	2389925	44.532	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1685677	53.345	ng	99
85) Di-n-octyl phthalate	14.63	149	2483984	53.107	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	2795914	59.957	ng	99
88) Benzo(b)fluoranthene	15.08	252	2143986	38.374	ng	99
89) Benzo(k)fluoranthene	15.11	252	2182279	42.160	ng	99
90) Benzo(a)pyrene	15.45	252	1992882	41.350	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	2307471	54.126	ng	99
92) Benzo(g,h,i)perylene	17.44	276	2404166	58.081	ng	98

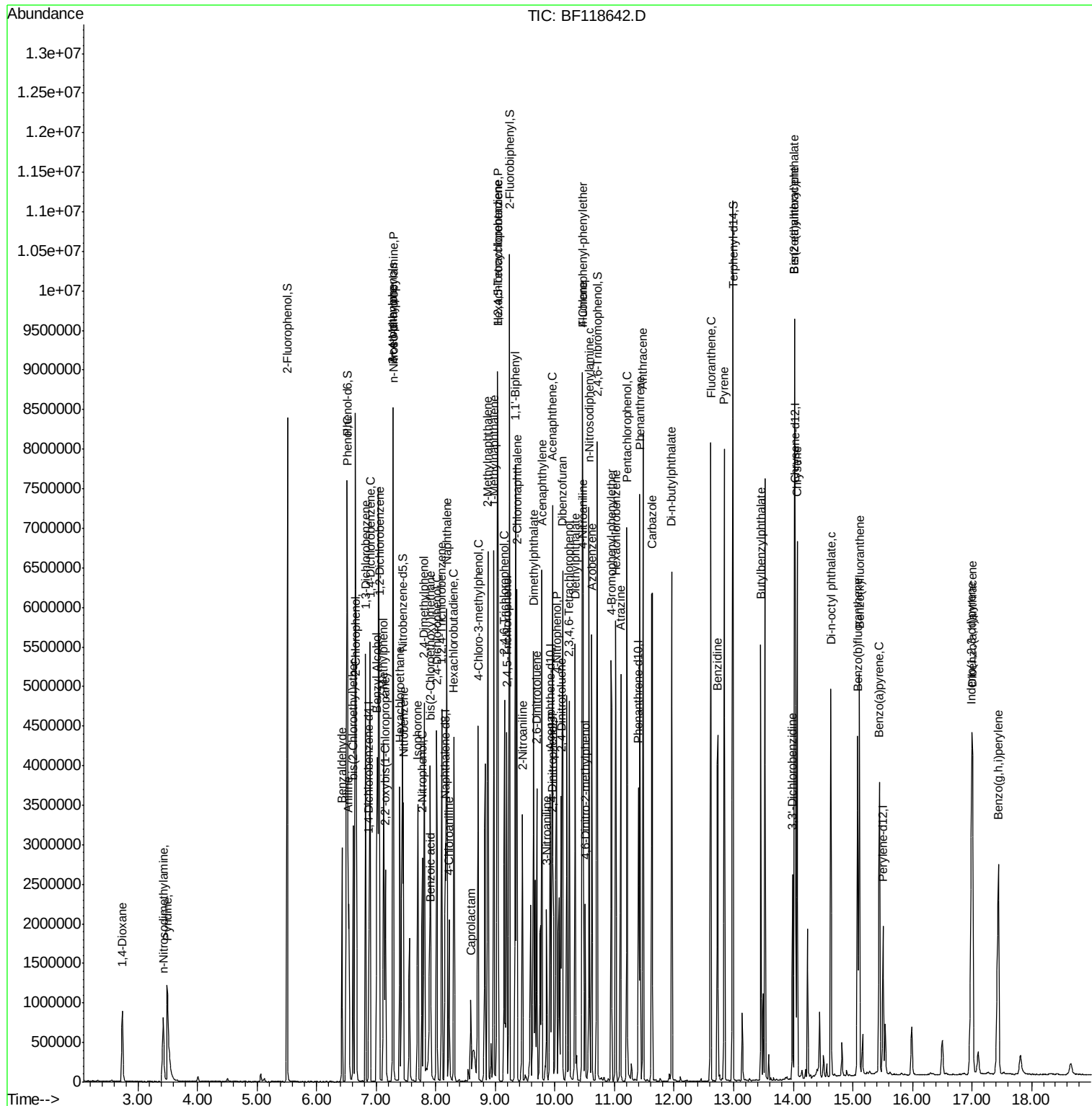
(#) = qualifier out of range (m) = manual integration (+) = signals summed

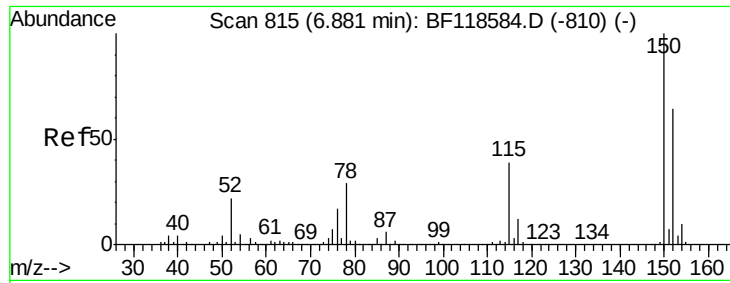
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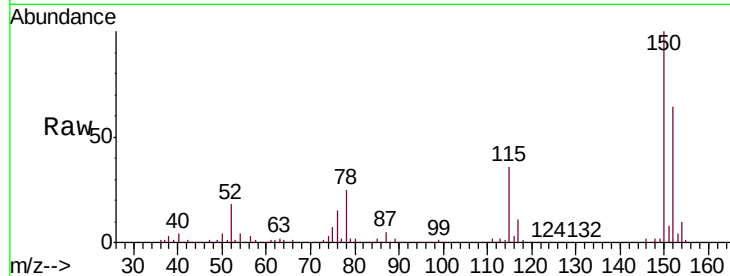




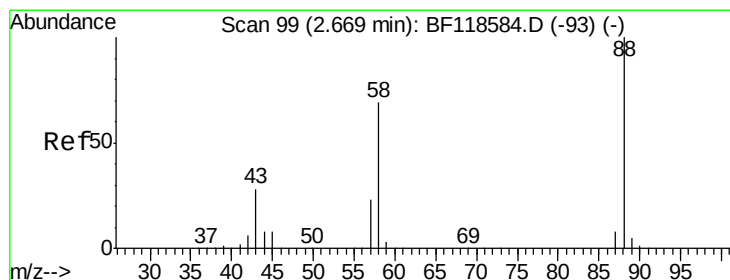
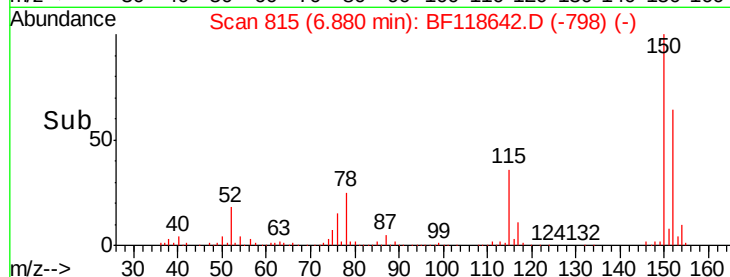
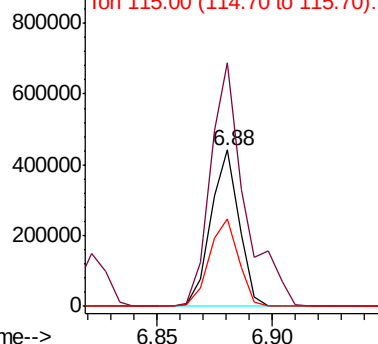
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tgt Ion: 152 Resp: 378998
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.6 188.4
 115 56.0 48.4 72.6

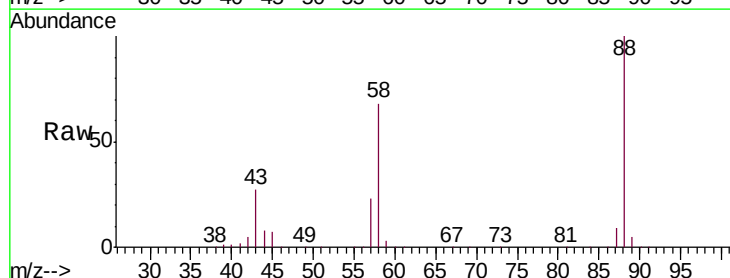


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

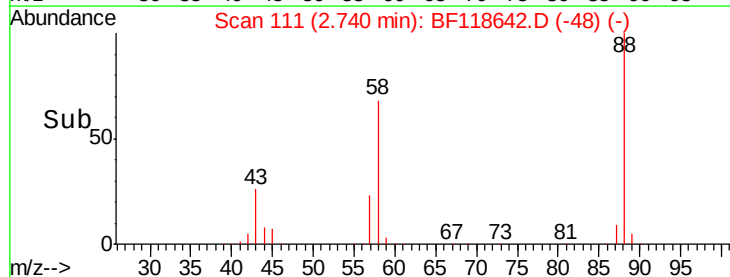
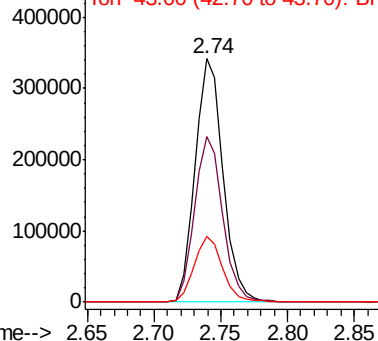


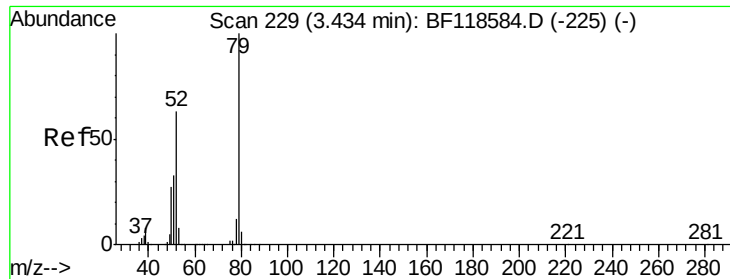
#2
 1,4-Dioxane
 Concen: 50.928 ng
 RT: 2.74 min Scan# 111
 Delta R.T. 0.07 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion: 88 Resp: 503367
 Ion Ratio Lower Upper
 88 100
 58 68.6 56.1 84.1
 43 26.7 23.0 34.6



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





#3

Pyridine

Concen: 37.122 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF118642.D

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Instrument :

BNA_F

ClientSampleId :

PB126243BS

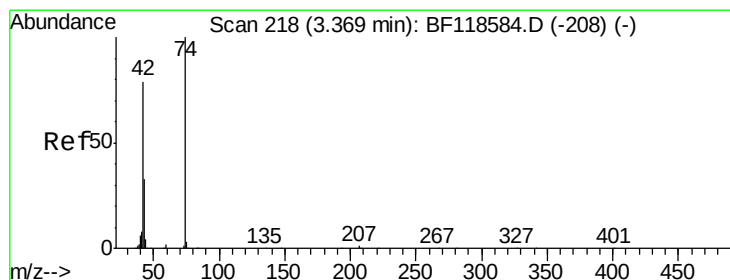
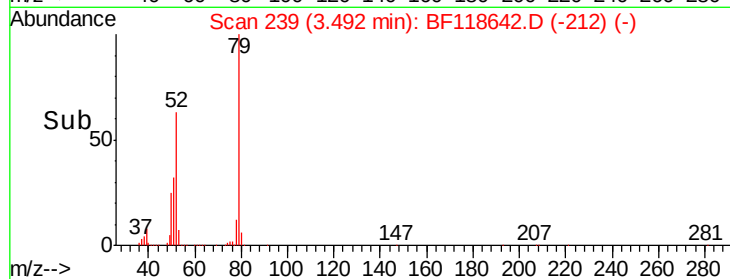
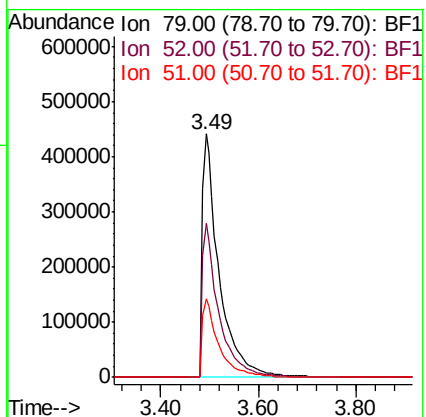
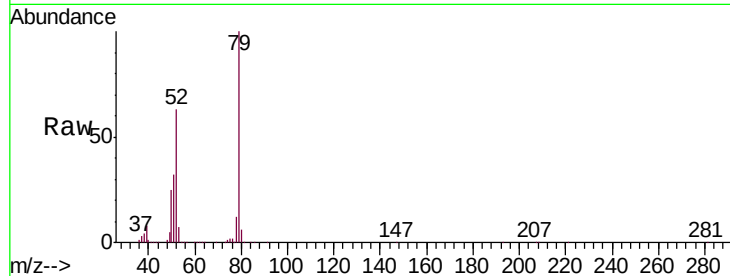
Tgt Ion: 79 Resp: 1034148

Ion Ratio Lower Upper

79 100

52 63.1 50.7 76.1

51 32.3 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 39.833 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.06 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

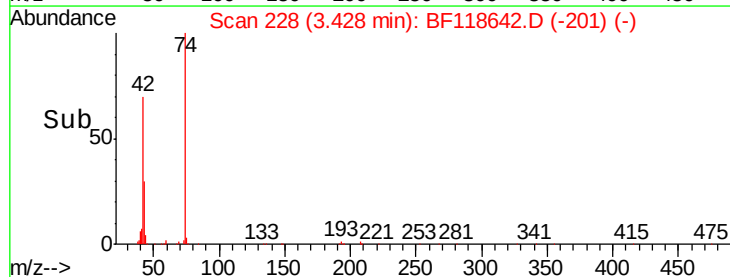
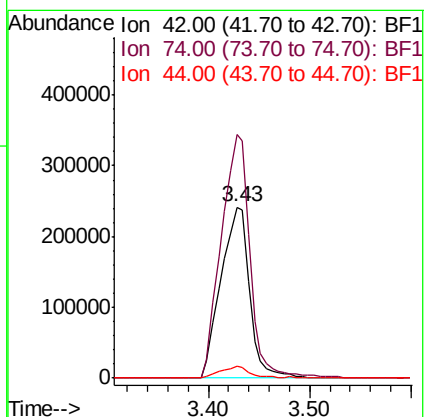
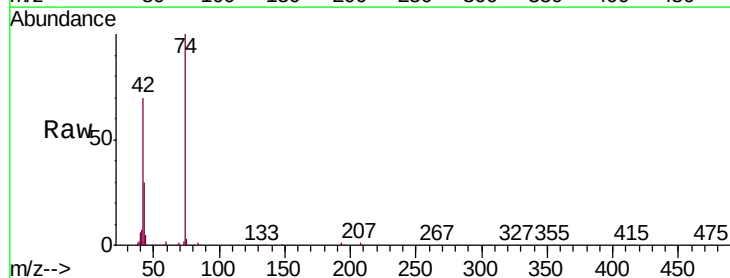
Tgt Ion: 42 Resp: 475729

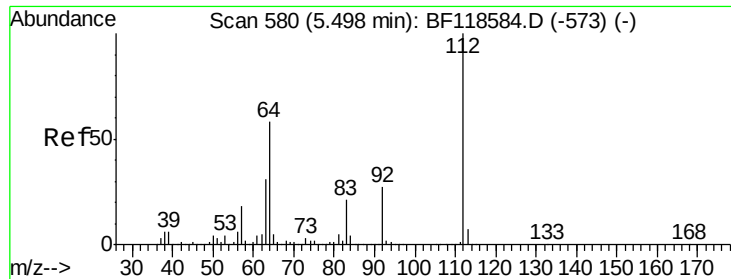
Ion Ratio Lower Upper

42 100

74 142.5 101.6 152.4

44 6.7 4.9 7.3



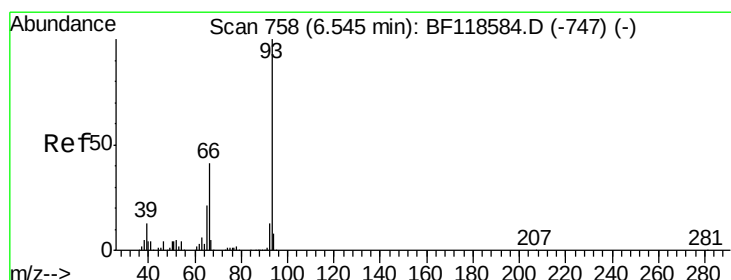
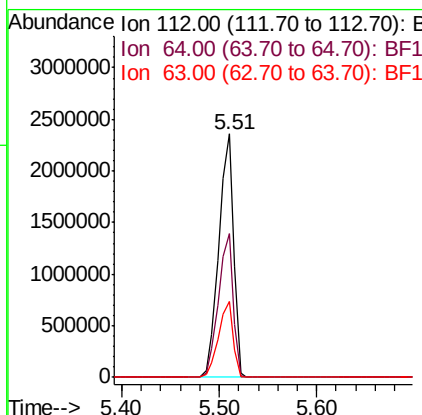
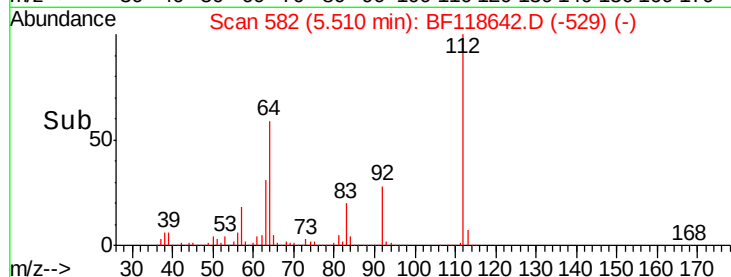
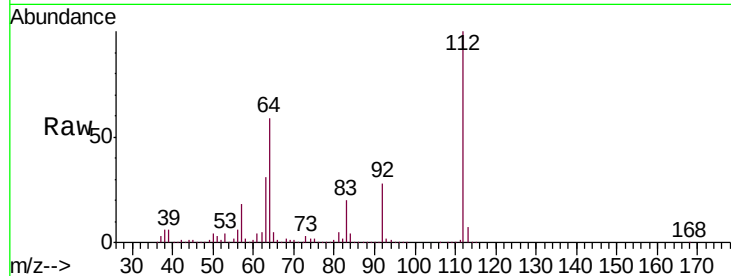


#5
 2-Fluorophenol
 Concen: 121.678 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
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 ClientSampleId :
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Tgt Ion: 112 Resp: 2483007

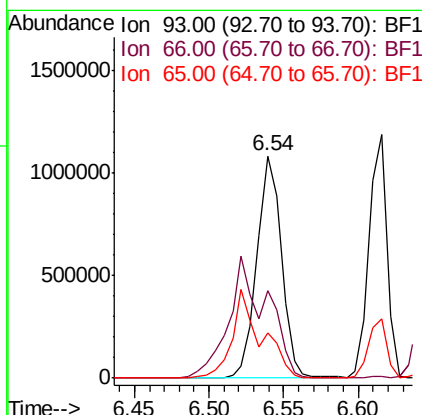
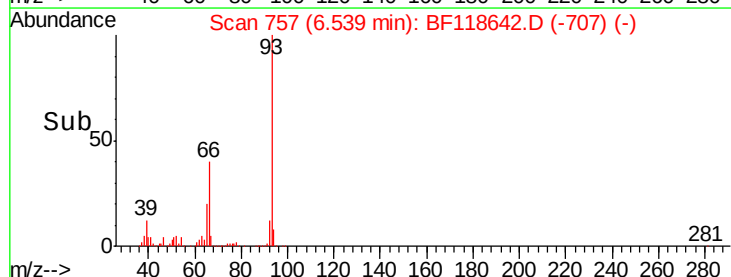
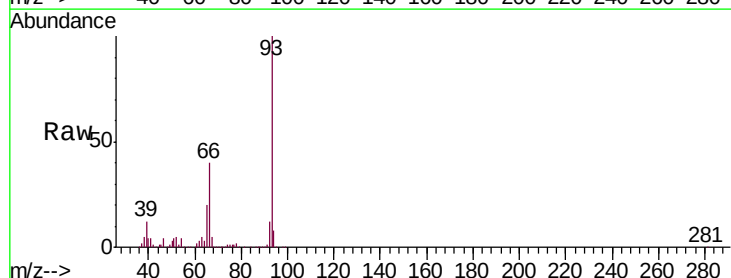
Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	31.2	25.1	37.7

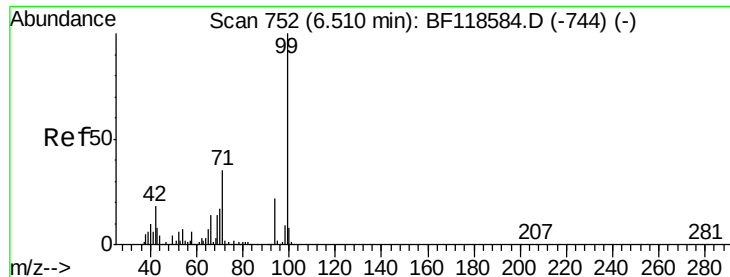


#6
 Aniline
 Concen: 35.269 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion: 93 Resp: 1231766

Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.8	49.2
65	20.3	16.5	24.7





#7

Phenol-d6

Concen: 121.197 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

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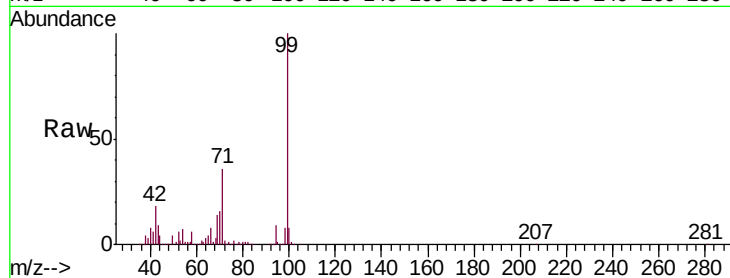
Tgt Ion: 99 Resp: 3214523

Ion Ratio Lower Upper

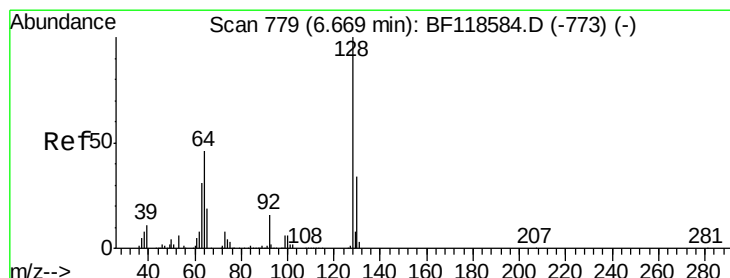
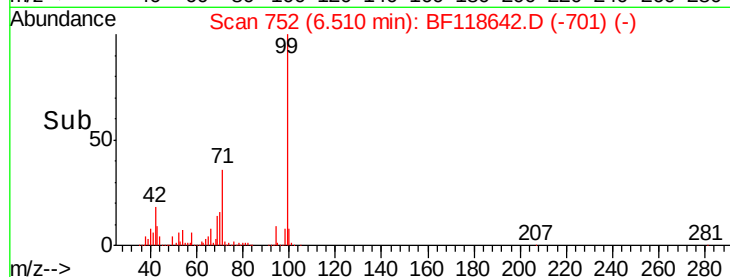
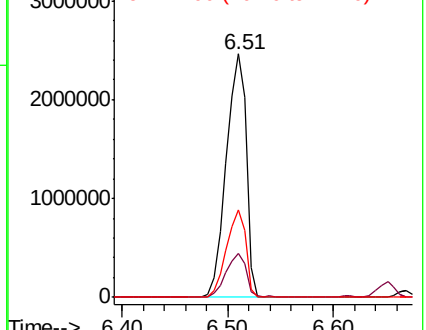
99 100

42 18.0 14.2 21.2

71 35.8 27.8 41.6



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: 45.310 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

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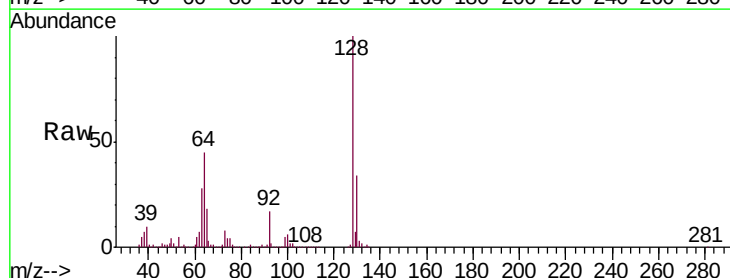
Tgt Ion: 128 Resp: 1037820

Ion Ratio Lower Upper

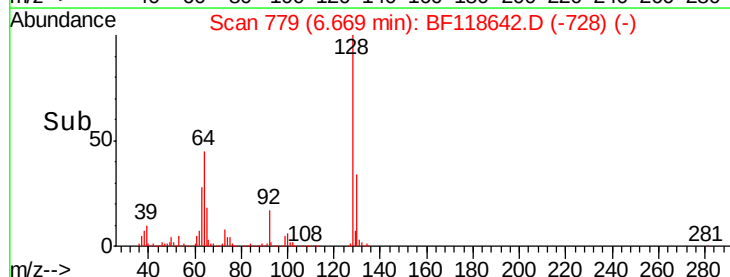
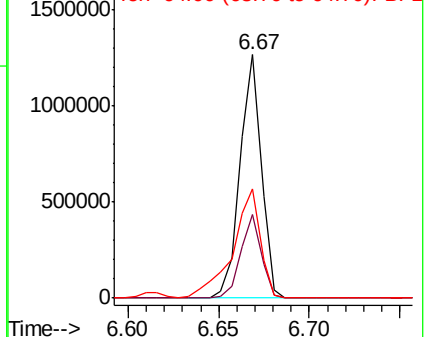
128 100

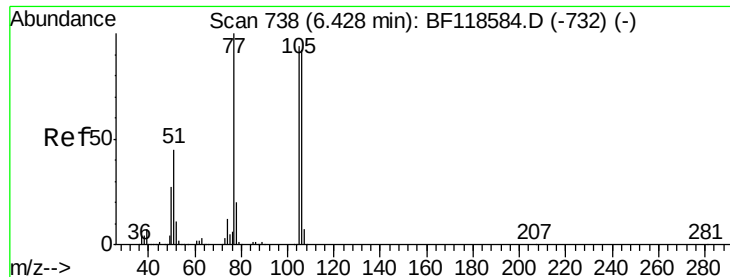
130 34.3 13.6 53.6

64 45.1 26.4 66.4



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: 35.286 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

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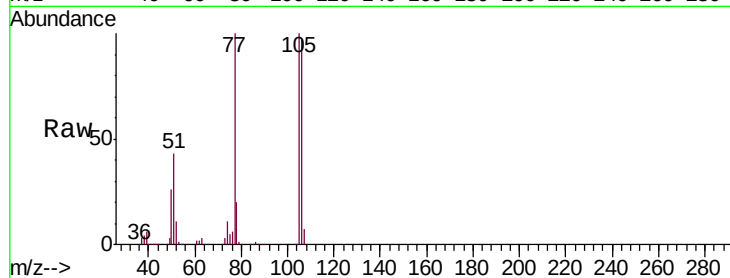
Tgt Ion: 77 Resp: 569168

Ion Ratio Lower Upper

77 100

105 99.8 73.5 113.5

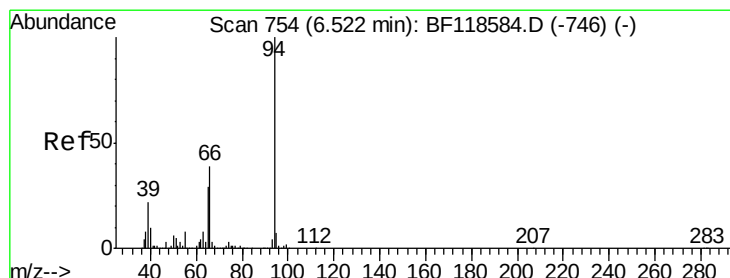
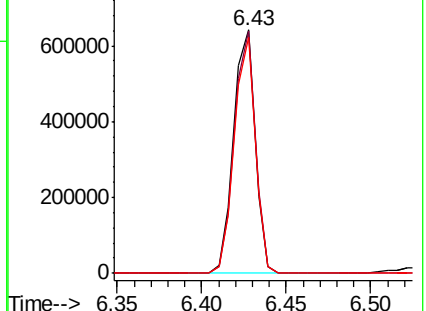
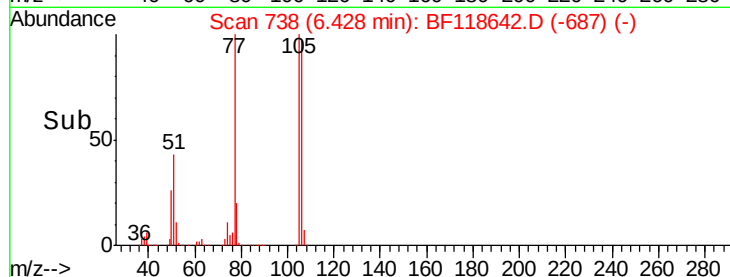
106 96.9 71.9 111.9



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: 42.665 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

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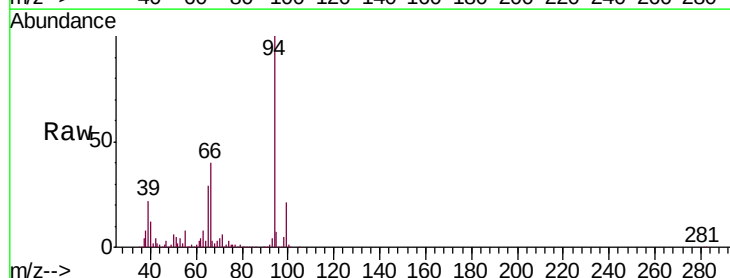
Tgt Ion: 94 Resp: 1289600

Ion Ratio Lower Upper

94 100

65 29.3 9.5 49.5

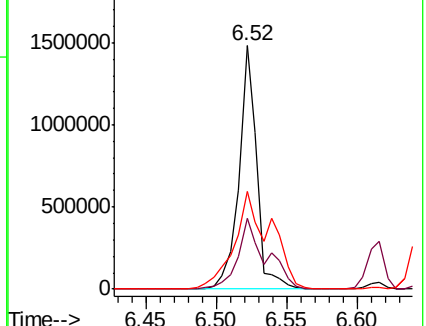
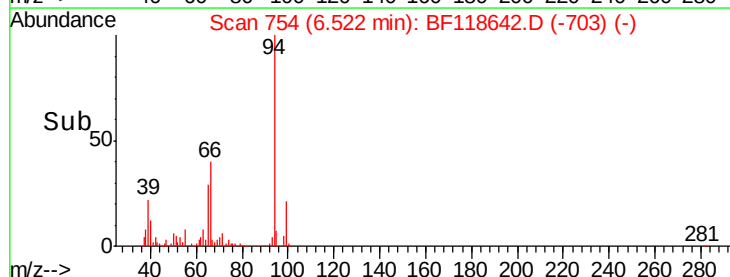
66 40.1 18.5 58.5

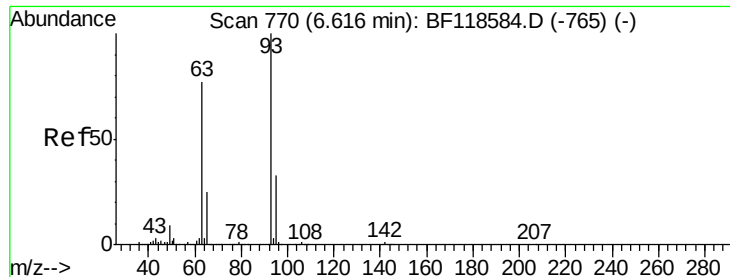


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

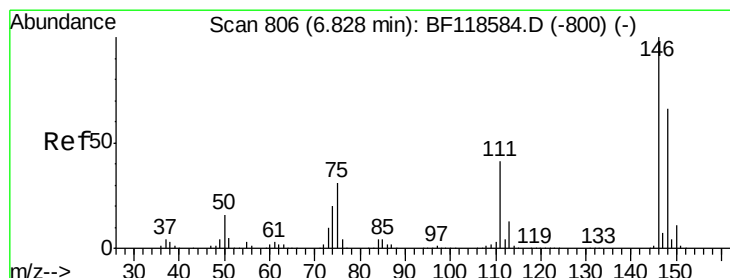
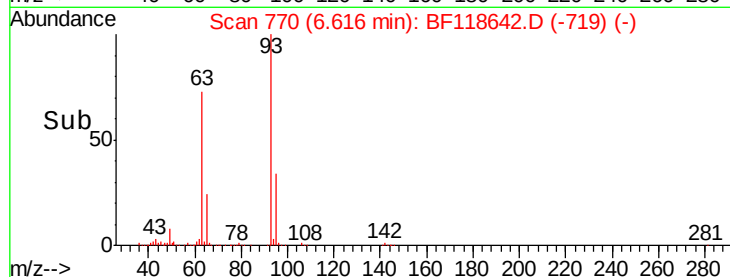
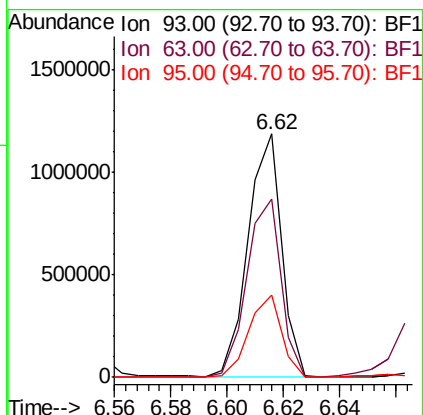
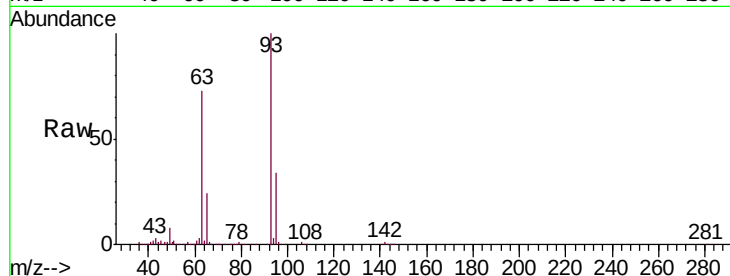




#11
bis(2-Chloroethyl)ether
Concen: 43.633 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

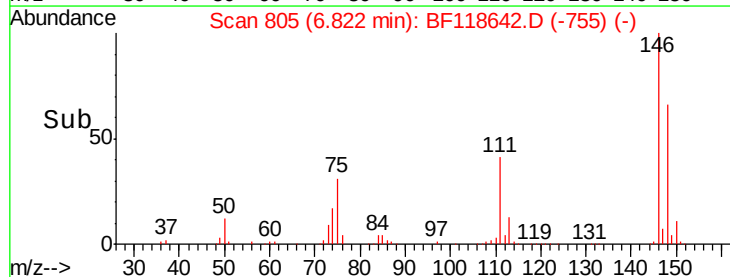
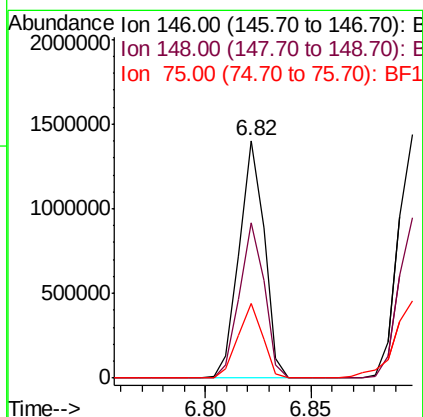
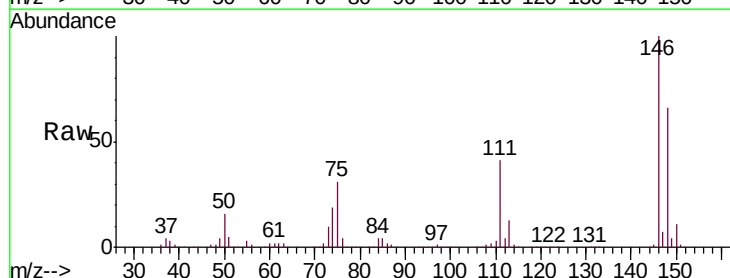
Instrument :
BNA_F
ClientSampleId :
PB126243BS

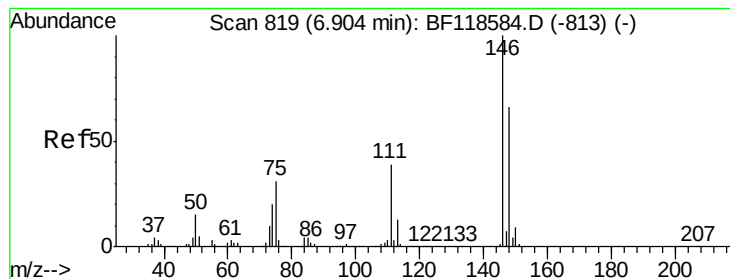
Tgt Ion: 93 Resp: 978496
Ion Ratio Lower Upper
93 100
63 73.5 56.3 96.3
95 33.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.071 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion: 146 Resp: 1154696
Ion Ratio Lower Upper
146 100
148 65.6 53.0 79.6
75 31.5 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 43.304 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

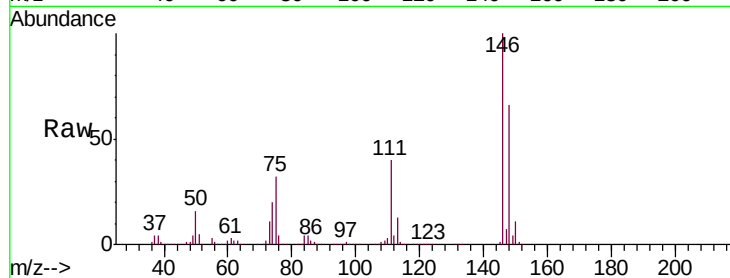
Tgt Ion:146 Resp: 1165362

Ion Ratio Lower Upper

146 100

148 66.1 52.4 78.6

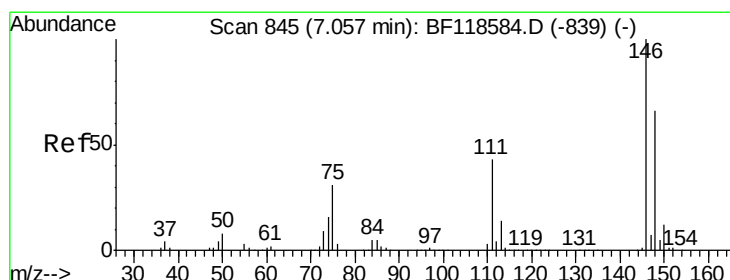
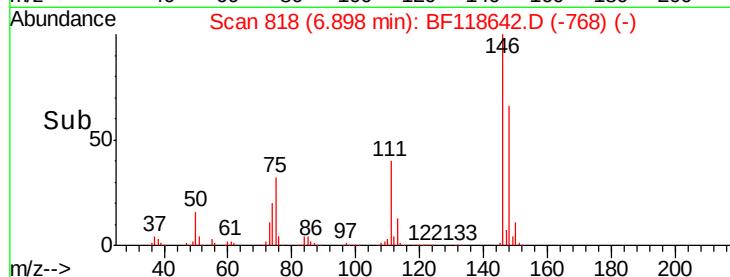
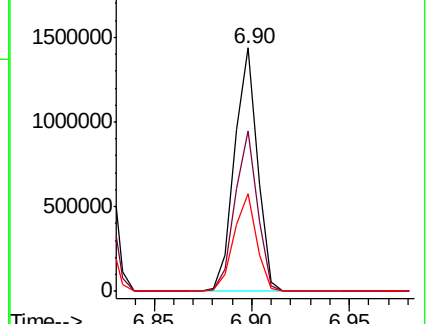
111 40.1 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.592 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

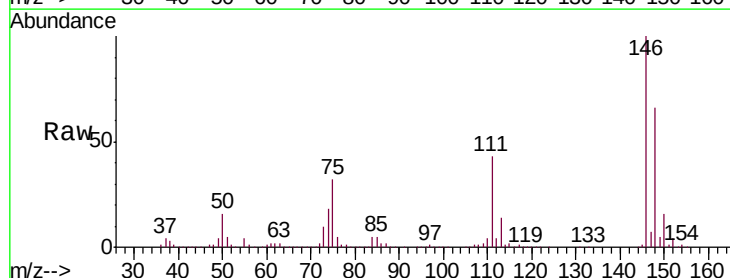
Tgt Ion:146 Resp: 1102807

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

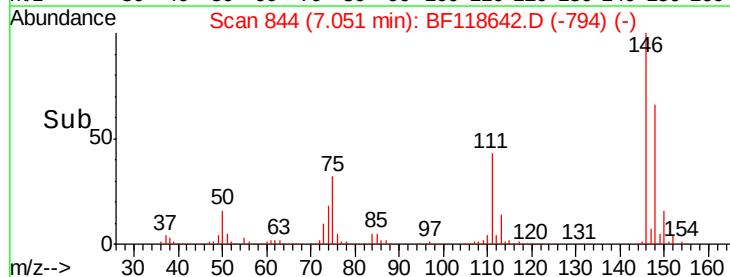
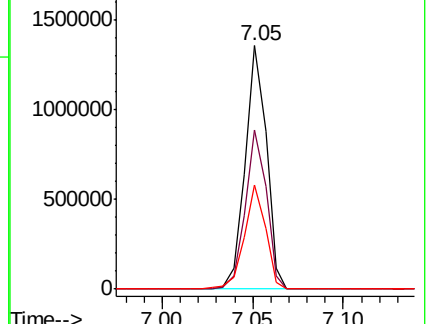
111 42.7 34.6 52.0

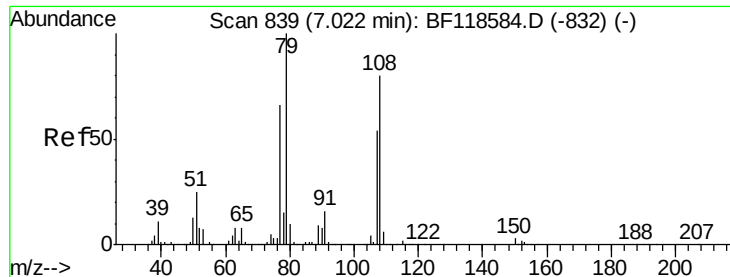


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

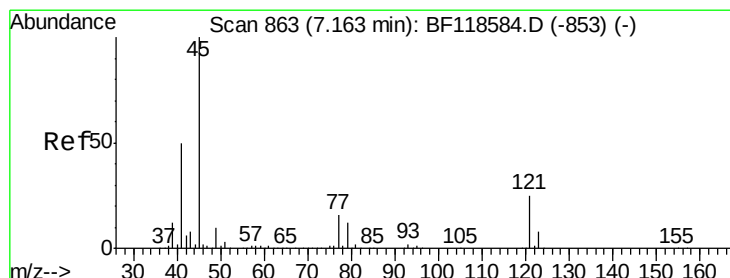
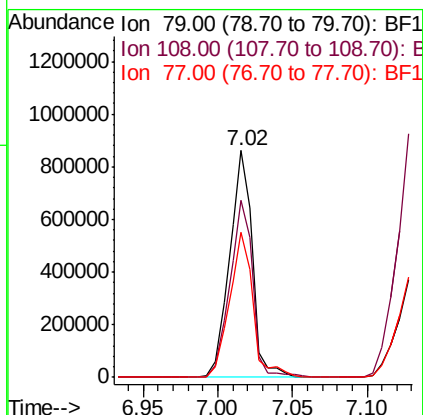
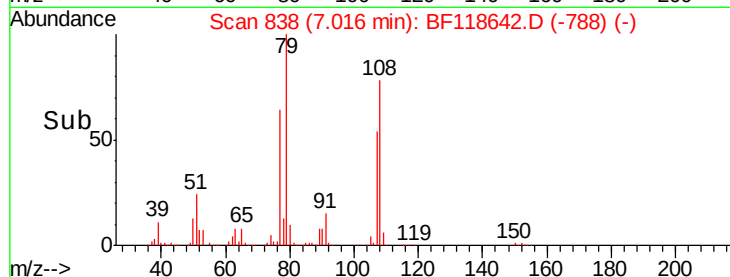
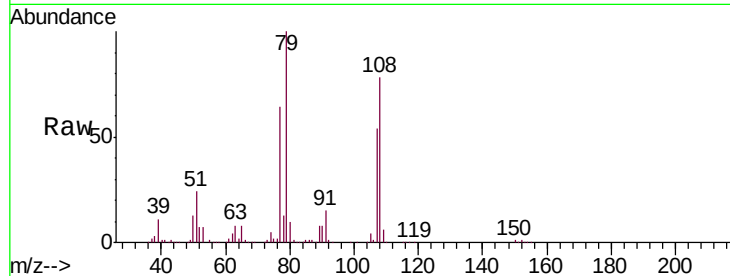




#15
Benzyl Alcohol
Concen: 44.172 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

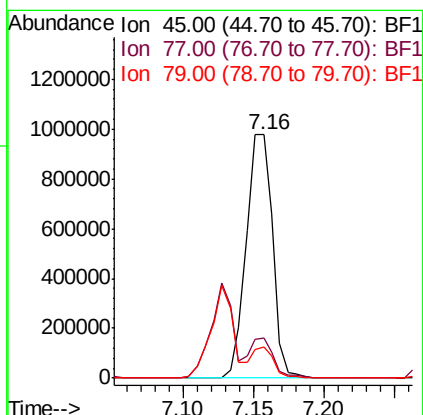
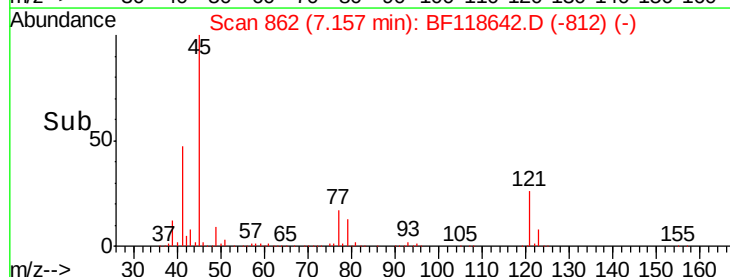
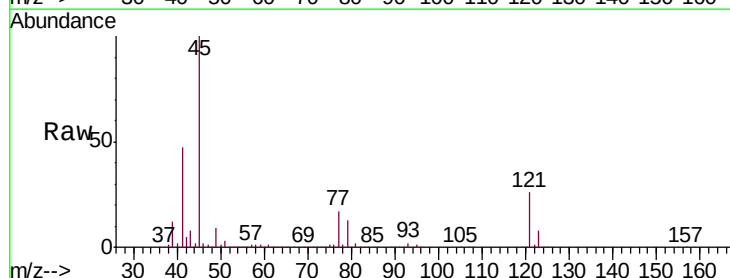
Instrument :
BNA_F
ClientSampleId :
PB126243BS

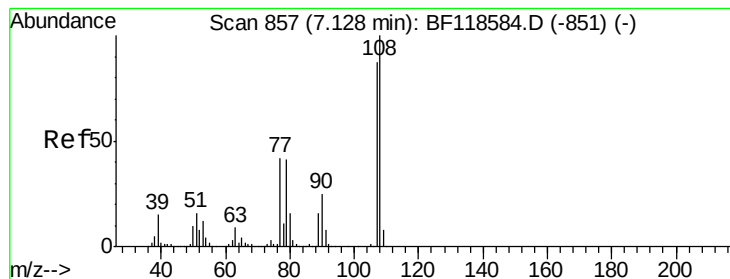
Tgt Ion: 79 Resp: 929085
Ion Ratio Lower Upper
79 100
108 78.3 63.6 95.4
77 64.0 52.5 78.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.053 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion: 45 Resp: 1282357
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.1
79 12.8 0.0 32.4





#17

2-Methylphenol

Concen: 45.177 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tgt Ion:107 Resp: 861936

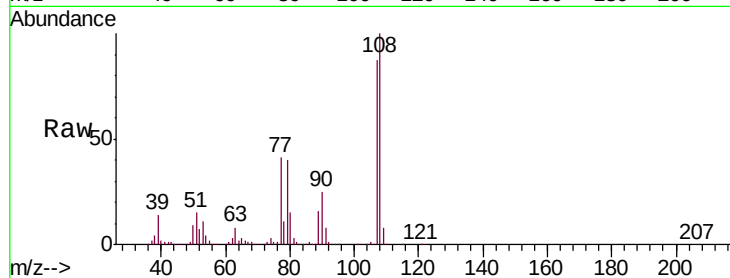
Ion Ratio Lower Upper

107 100

108 114.6 91.5 137.3

77 47.1 38.7 58.1

79 46.1 37.7 56.5



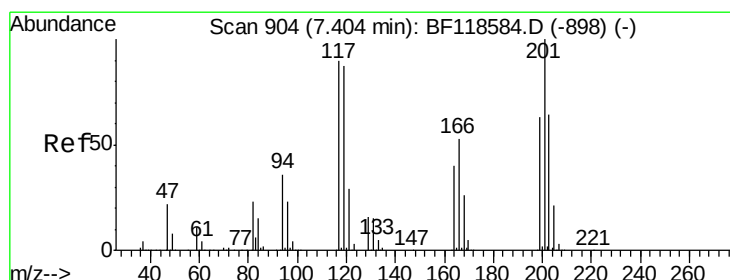
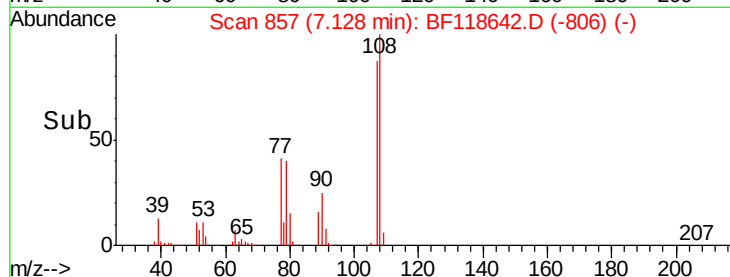
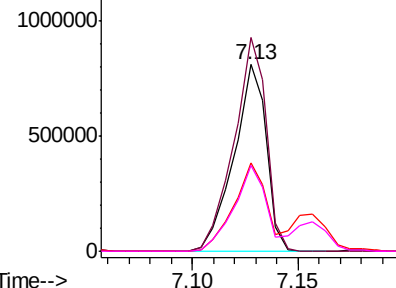
Abundance

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: 42.585 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

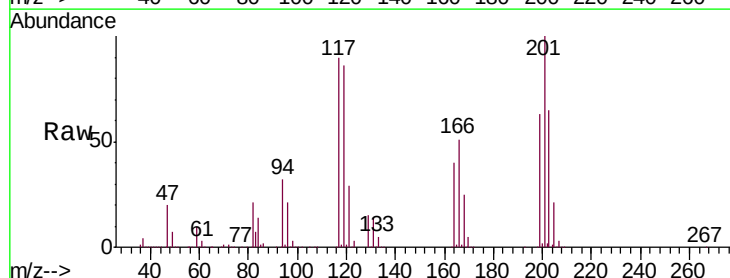
Tgt Ion:117 Resp: 415562

Ion Ratio Lower Upper

117 100

119 96.0 77.6 116.4

201 111.7 88.8 133.2

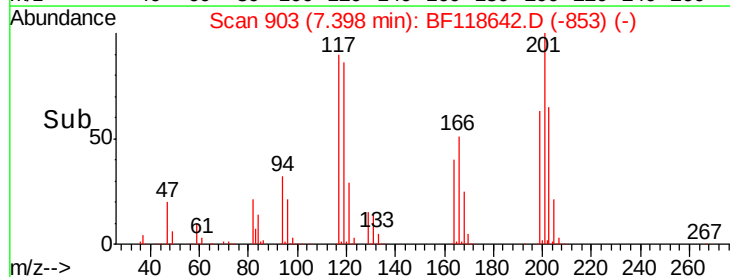
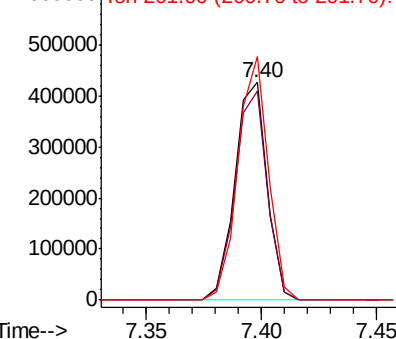


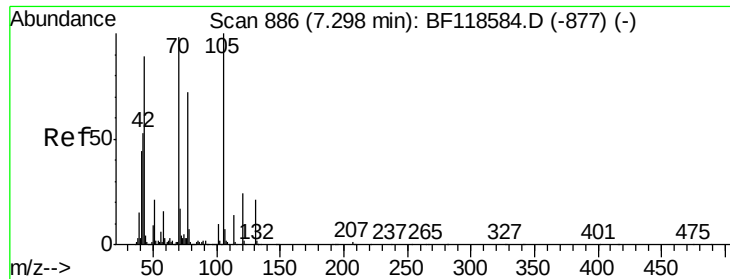
Abundance

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

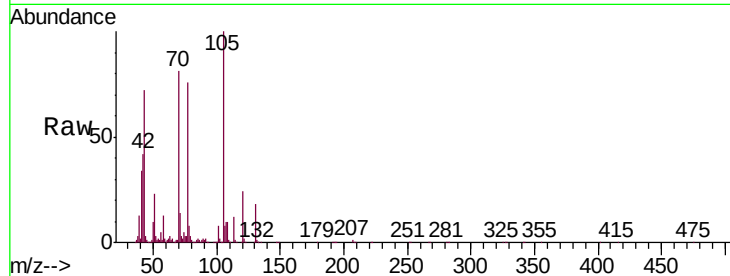




#19
 n-Nitroso-di-n-propylamine
 Concen: 42.010 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tgt Ion:	70	Resp:	752349
Ion	Ratio	Lower	Upper
70	100		
42	52.3	43.4	65.0
101	9.6	8.1	12.1
130	22.6	17.6	26.4



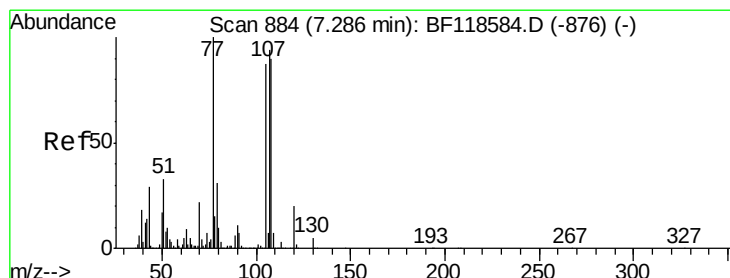
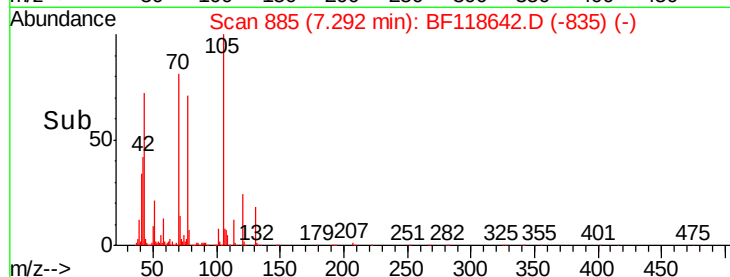
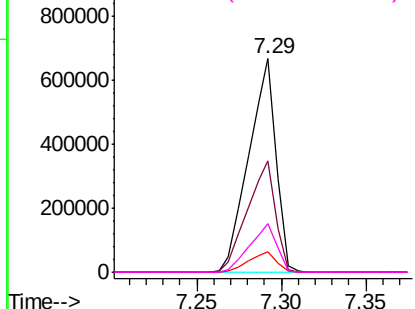
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

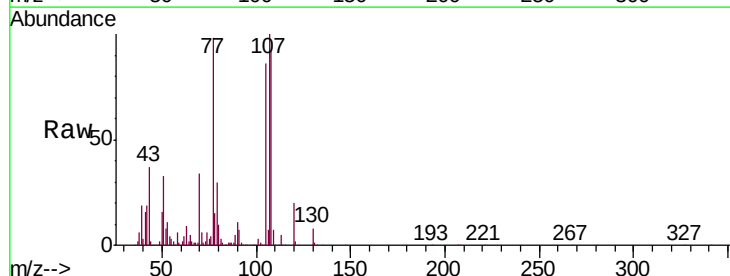
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
 3+4-Methylphenols
 Concen: 45.020 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion:	107	Resp:	1048687
Ion	Ratio	Lower	Upper
107	100		
108	92.1	75.8	115.8
77	98.3	86.5	126.5
79	29.9	12.9	52.9



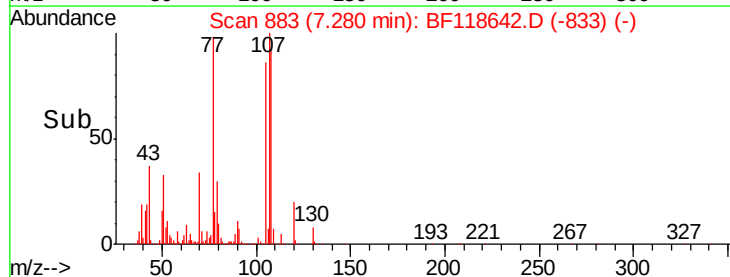
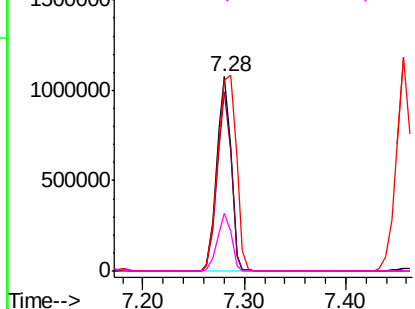
Abundance

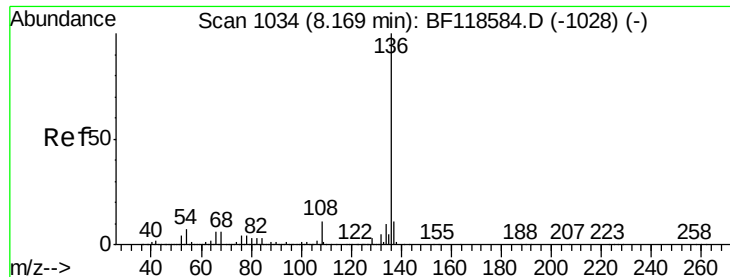
Ion 107.00 (106.70 to 107.70): E

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

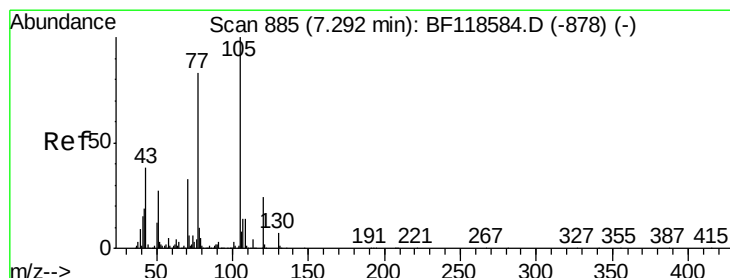
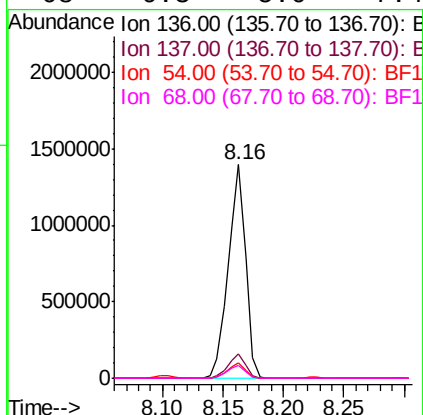
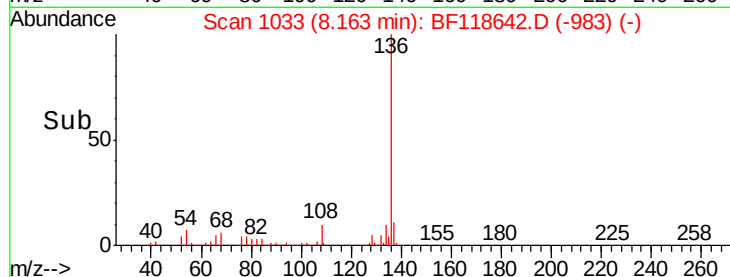
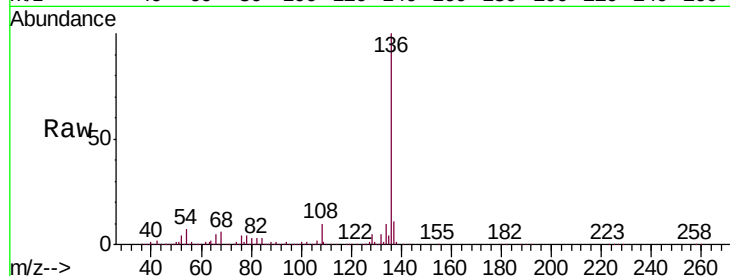




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

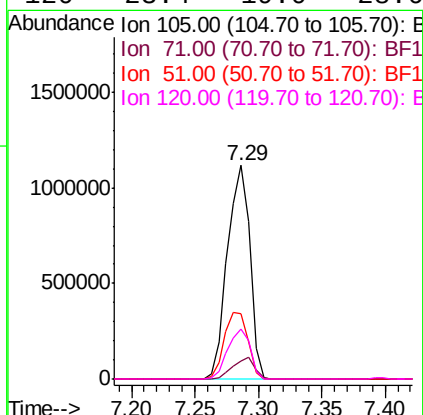
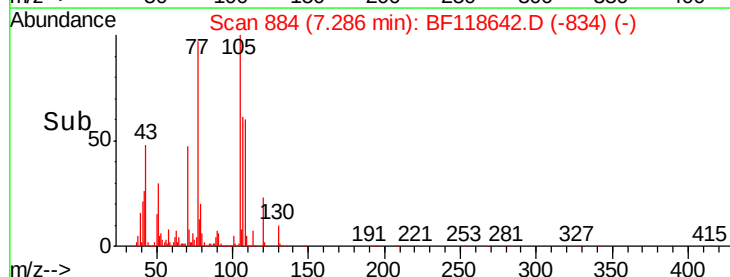
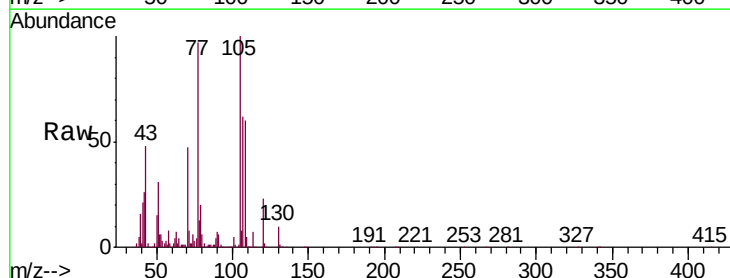
Instrument :
BNA_F
ClientSampleId :
PB126243BS

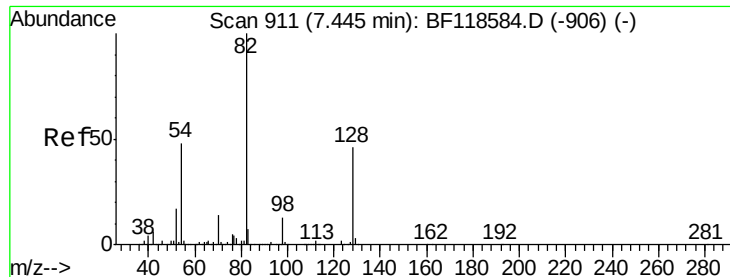
Tgt Ion:	136	Resp:	1387122
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.2	5.8	8.6
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 41.471 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:	105	Resp:	1362717
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.5	6.7#
51	30.7	21.5	32.3
120	23.4	19.0	28.6

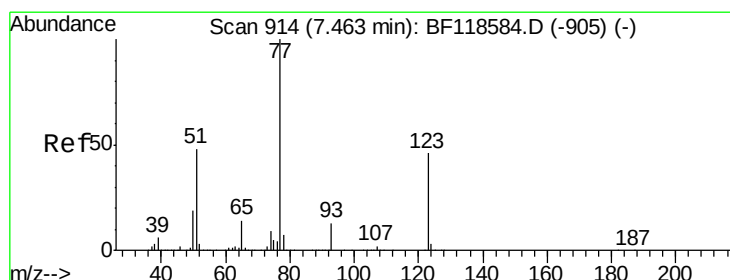
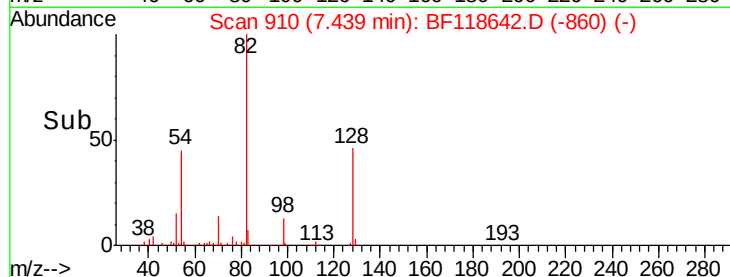
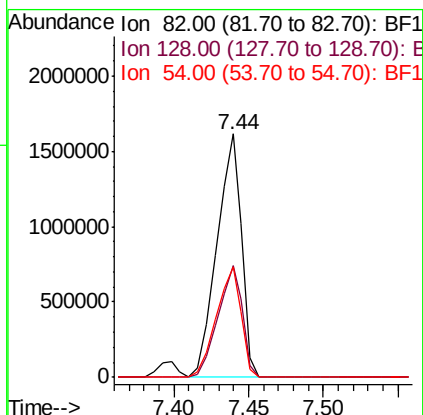
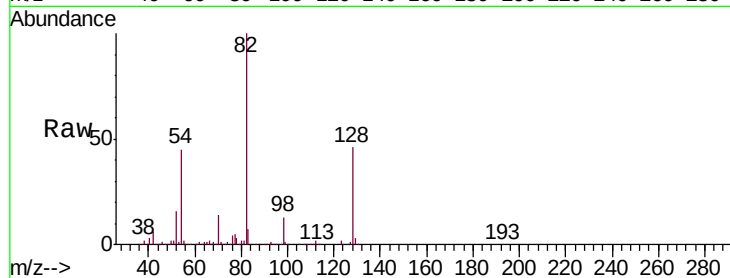




#23
 Nitrobenzene-d5
 Concen: 75.141 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

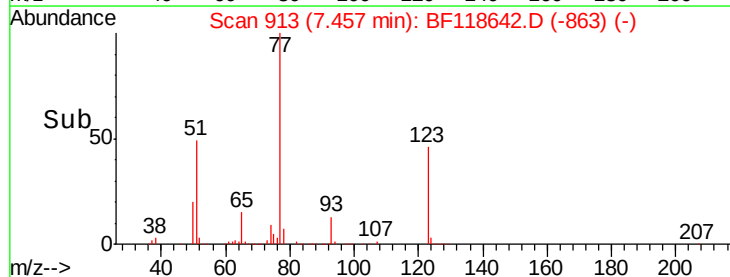
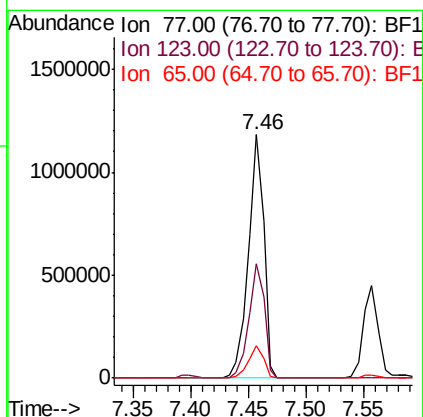
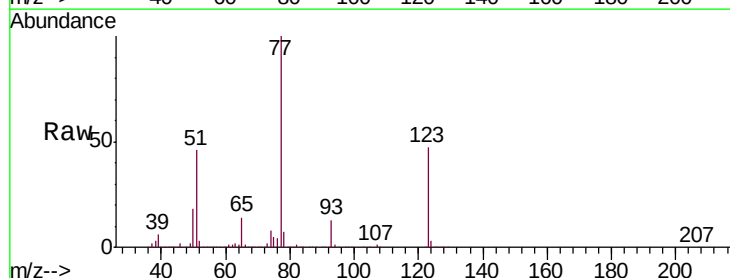
Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

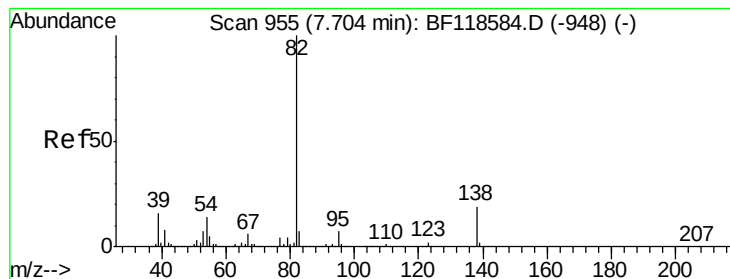
Tgt Ion: 82 Resp: 1863443
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.6 54.8
 54 45.2 38.0 57.0



#24
 Nitrobenzene
 Concen: 42.863 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion: 77 Resp: 1088416
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.0 55.4
 65 13.5 11.1 16.7





#25

Isophorone

Concen: 44.085 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

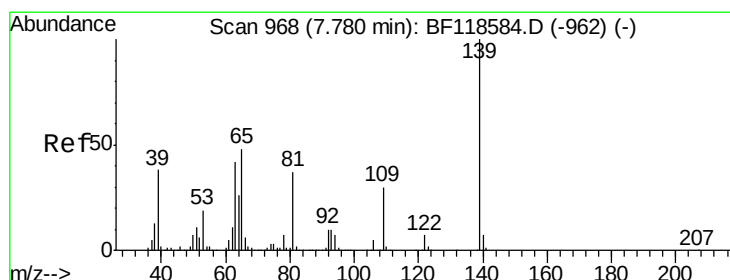
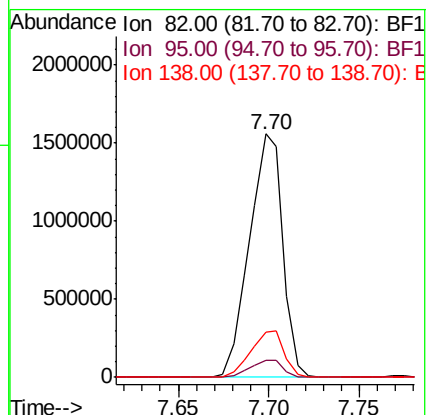
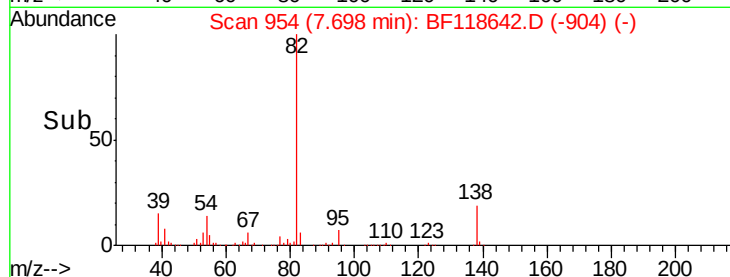
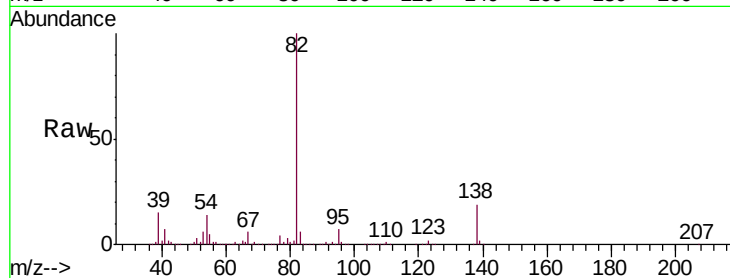
Tgt Ion: 82 Resp: 1994094

Ion Ratio Lower Upper

82 100

95 7.1 5.9 8.9

138 18.7 15.3 22.9



#26

2-Nitrophenol

Concen: 49.203 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

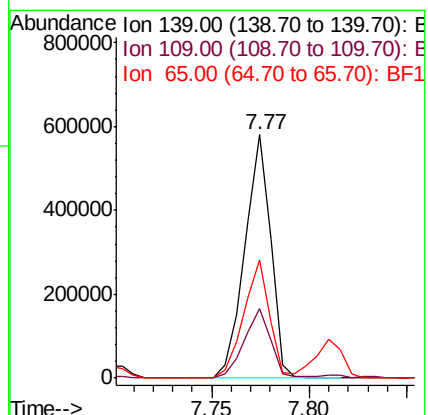
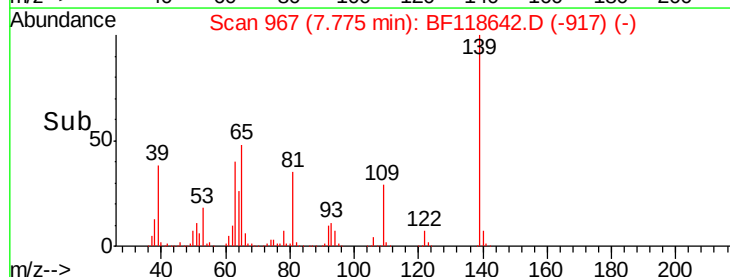
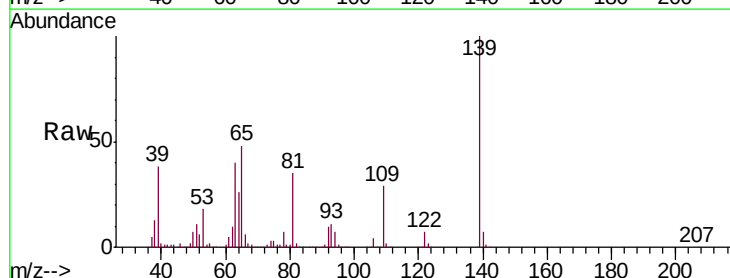
Tgt Ion: 139 Resp: 532793

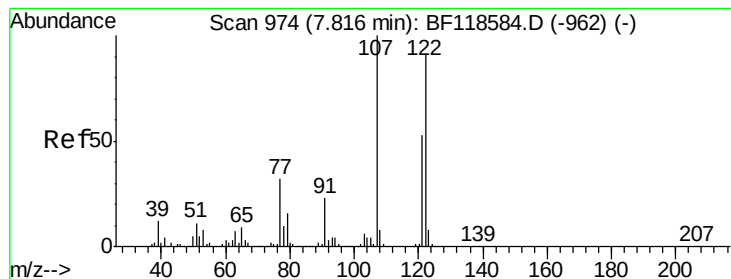
Ion Ratio Lower Upper

139 100

109 28.8 23.8 35.8

65 48.4 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 49.701 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

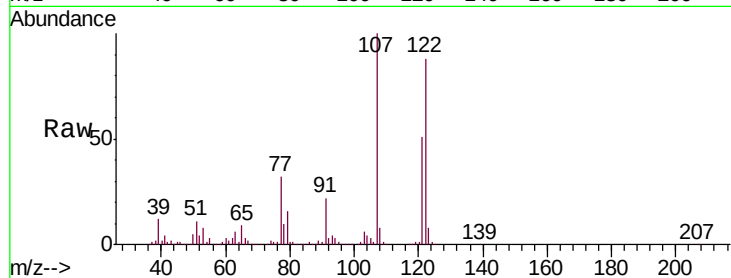
Tgt Ion:122 Resp: 929354

Ion Ratio Lower Upper

122 100

107 114.2 88.0 132.0

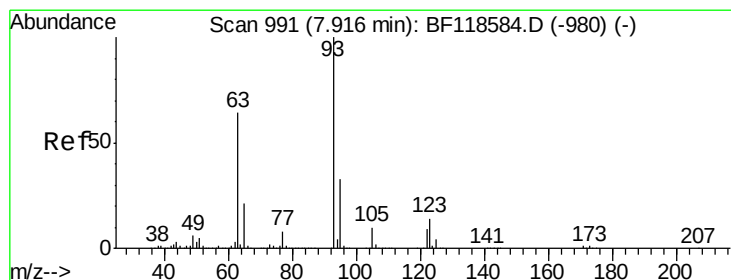
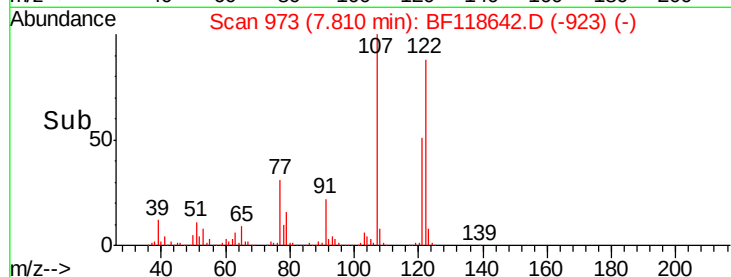
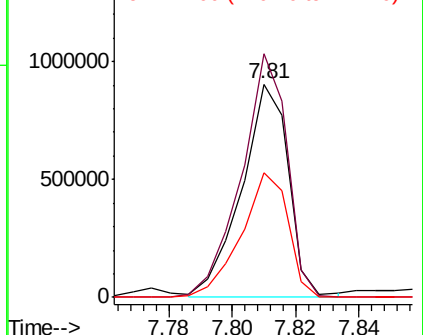
121 58.6 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.205 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

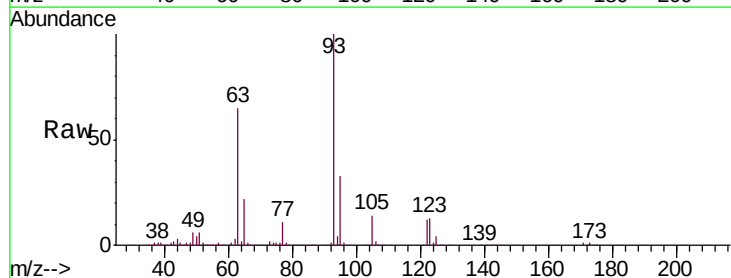
Tgt Ion: 93 Resp: 1230084

Ion Ratio Lower Upper

93 100

95 33.3 26.7 40.1

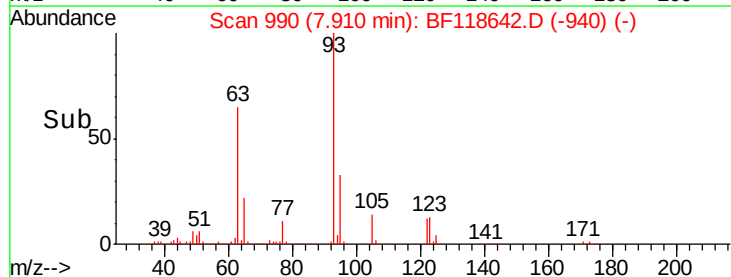
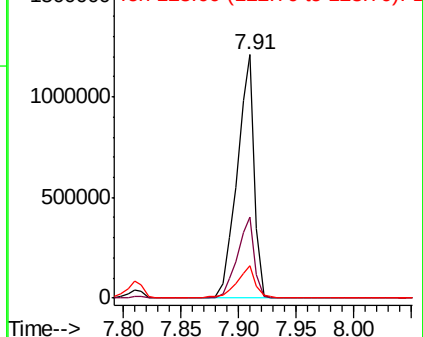
123 13.1 11.0 16.6

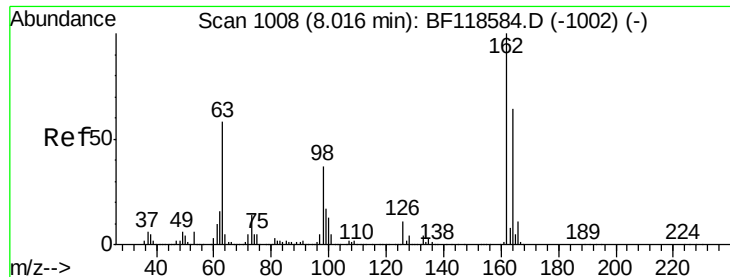


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

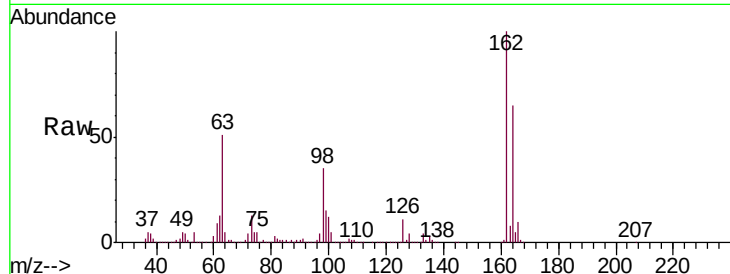




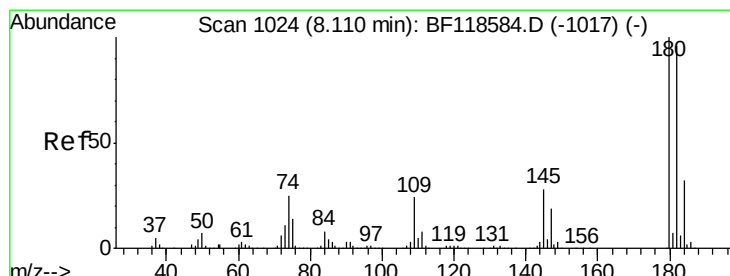
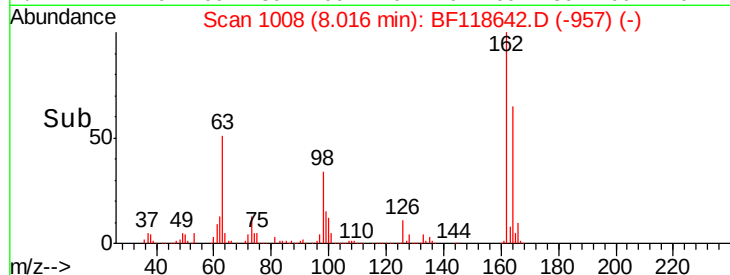
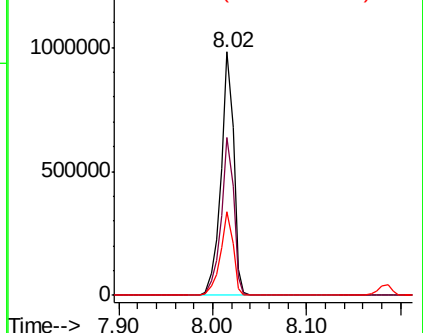
#29
2,4-Dichlorophenol
Concen: 45.098 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.3	84.3
98	34.6	17.5	57.5

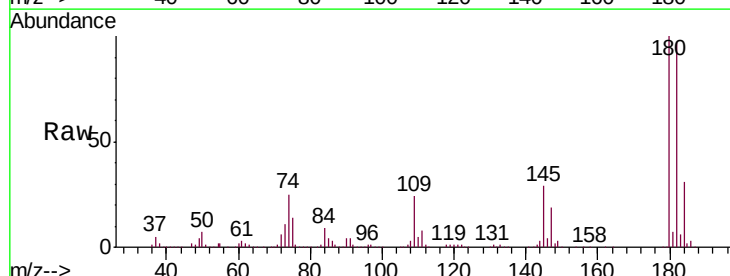


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

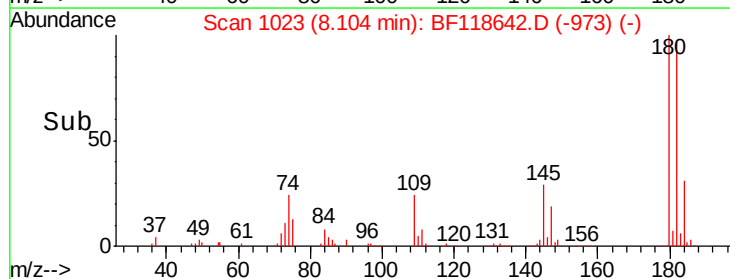
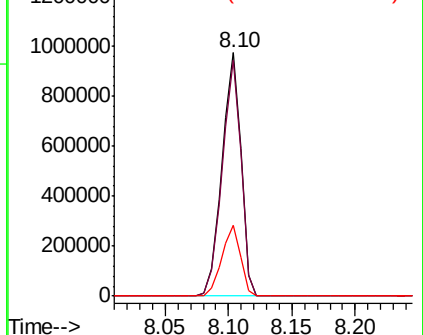


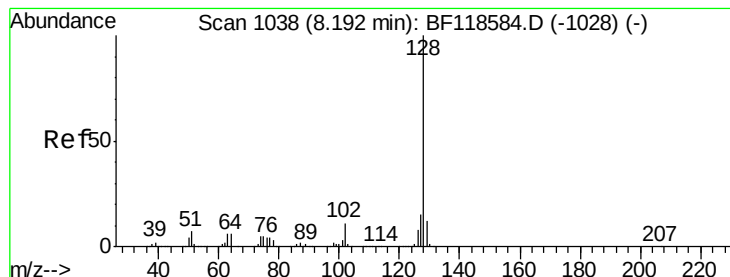
#30
1,2,4-Trichlorobenzene
Concen: 42.393 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.9	115.3
145	29.1	22.8	34.2



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





#31

Naphthalene

Concen: 46.459 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

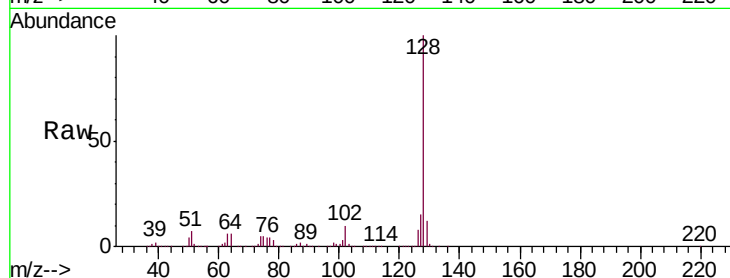
Tgt Ion:128 Resp: 2911160

Ion Ratio Lower Upper

128 100

129 12.2 9.9 14.9

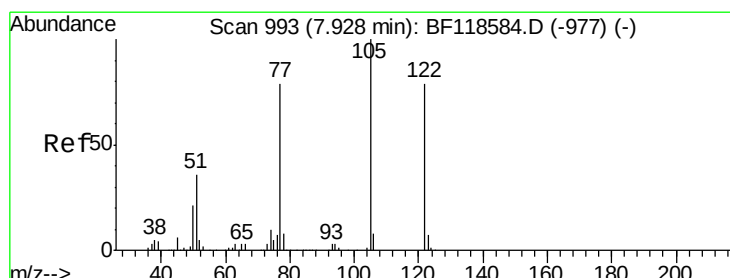
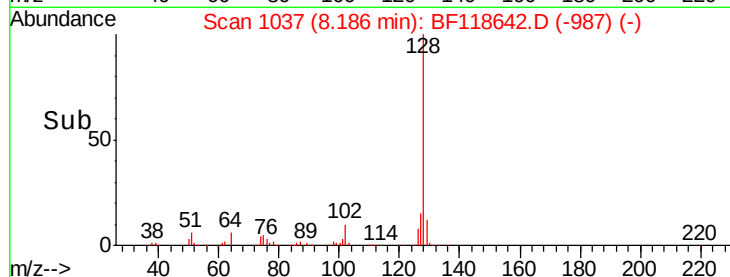
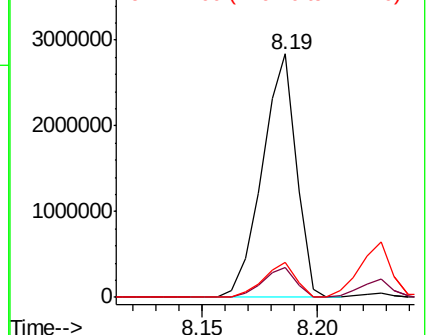
127 14.5 12.0 18.0



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: 34.634 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

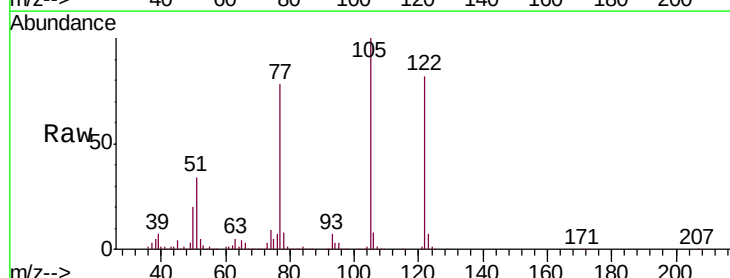
Tgt Ion:122 Resp: 486034

Ion Ratio Lower Upper

122 100

105 122.2 104.3 144.3

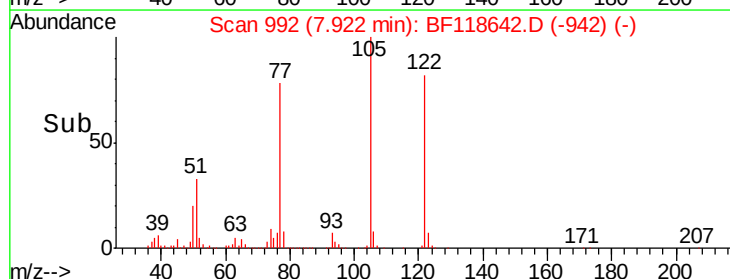
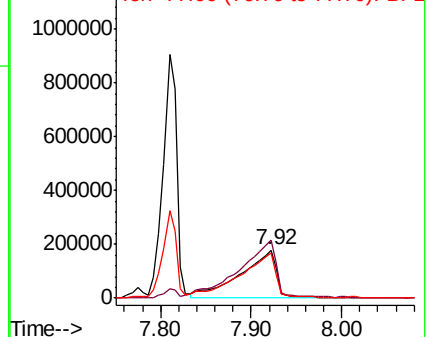
77 95.8 79.4 119.4

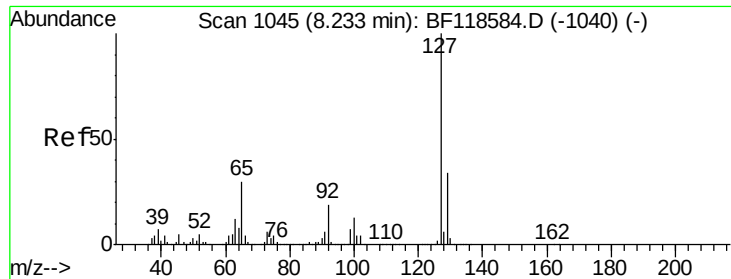


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

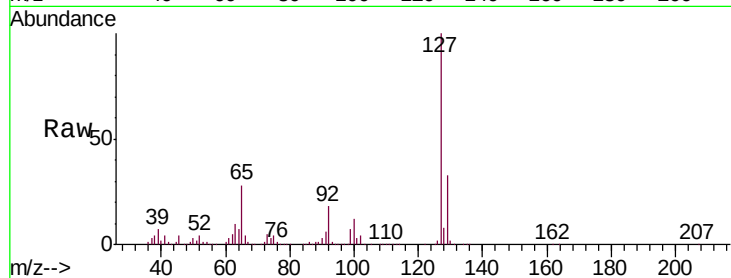




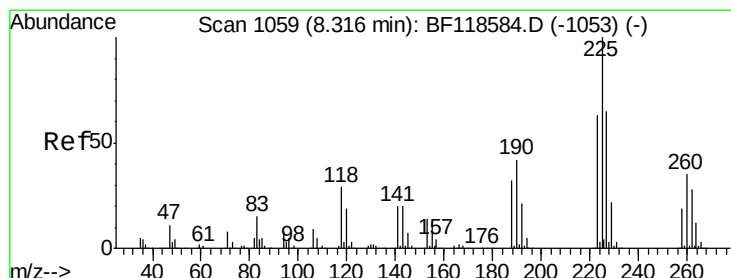
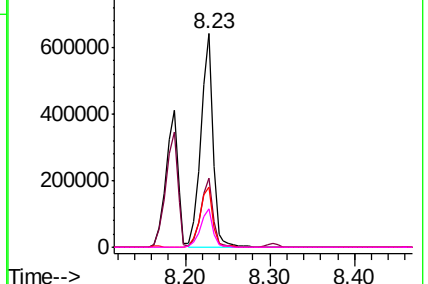
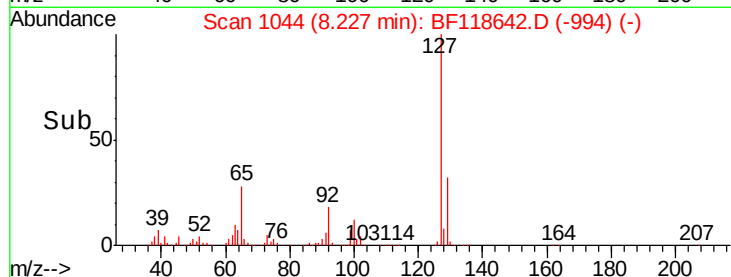
#33
4-Chloroaniline
Concen: 21.605 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tgt Ion:	127	Resp:	625737
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.4	41.0
65	27.9	23.6	35.4
92	18.2	15.0	22.4

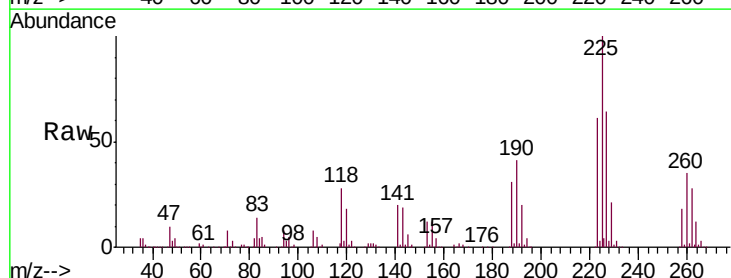


Abundance Ion 127.00 (126.70 to 127.70): E
1000000 Ion 129.00 (128.70 to 129.70): E
800000 Ion 65.00 (64.70 to 65.70): BF1
600000 Ion 92.00 (91.70 to 92.70): BF1
400000
200000
0

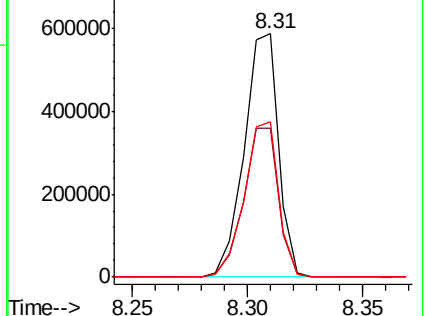
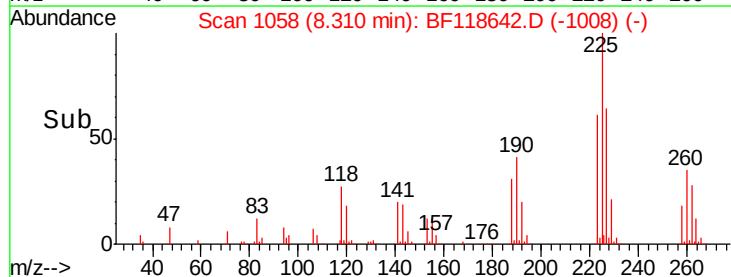


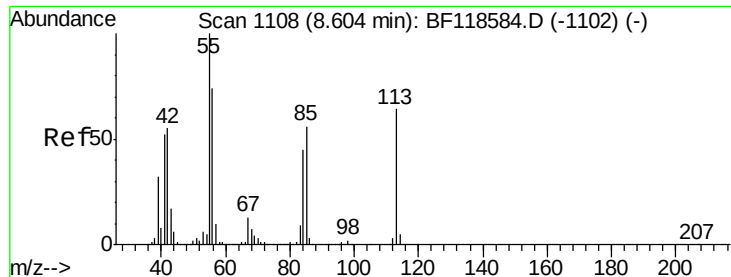
#34
Hexachlorobutadiene
Concen: 41.750 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:	225	Resp:	609368
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.2	75.4
227	63.9	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
800000 Ion 223.00 (222.70 to 223.70): E
600000 Ion 227.00 (226.70 to 227.70): E
400000
200000
0

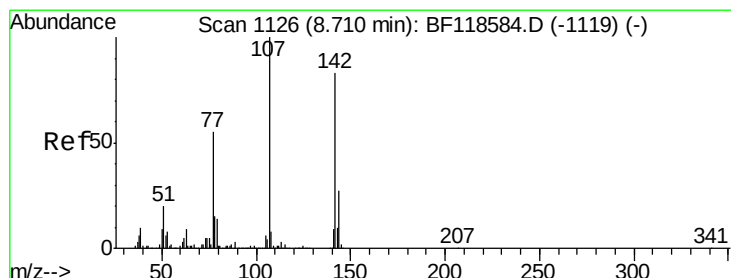
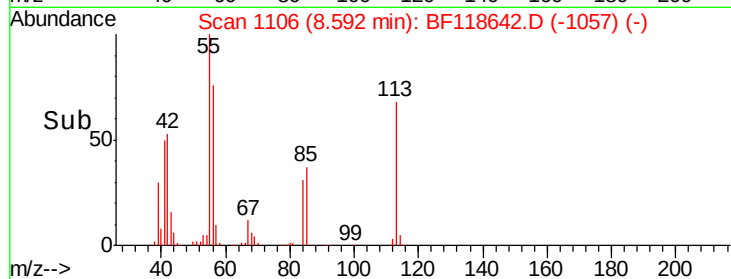
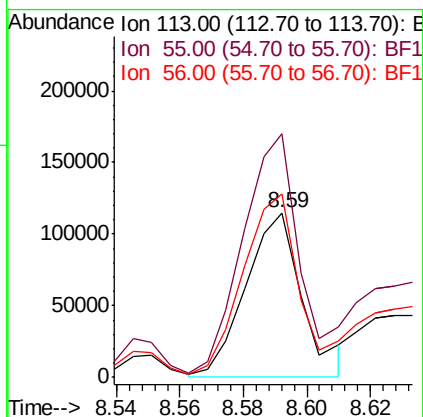
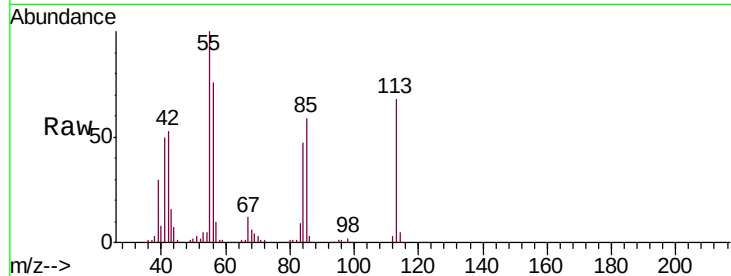




#35
 Caprolactam
 Concen: 21.092 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

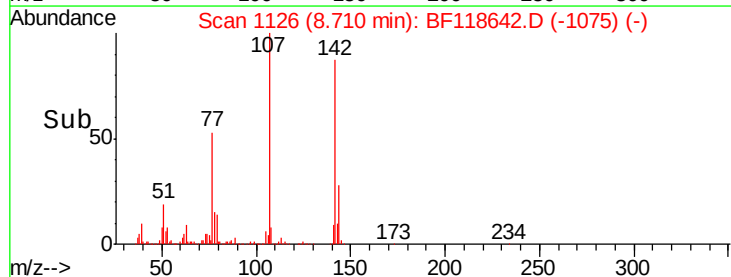
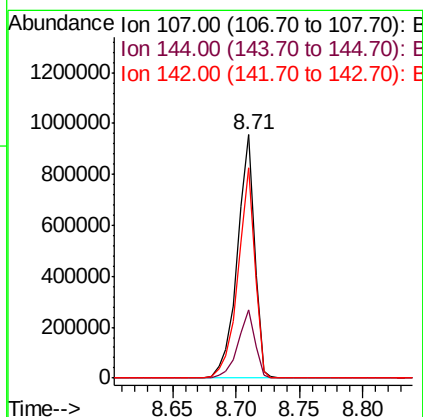
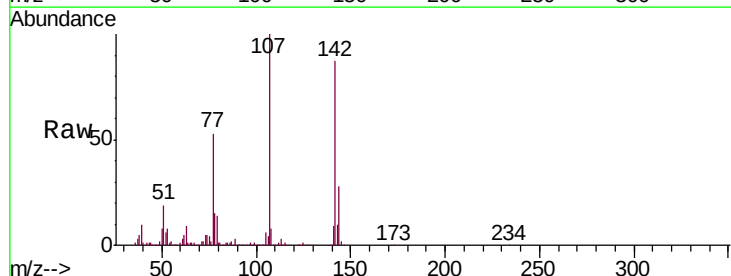
Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

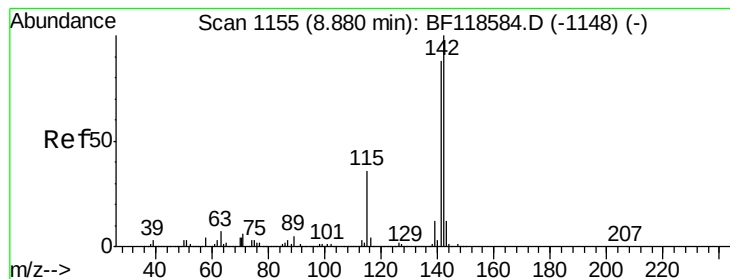
Tgt Ion:113 Resp: 142680
 Ion Ratio Lower Upper
 113 100
 55 147.8 136.1 176.1
 56 111.7 95.2 135.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.746 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion:107 Resp: 892959
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.8 32.8
 142 86.6 66.5 99.7





#37

2-Methylnaphthalene

Concen: 45.981 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

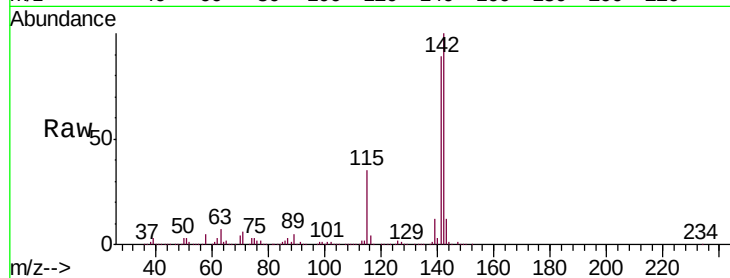
Tgt Ion:142 Resp: 2033708

Ion Ratio Lower Upper

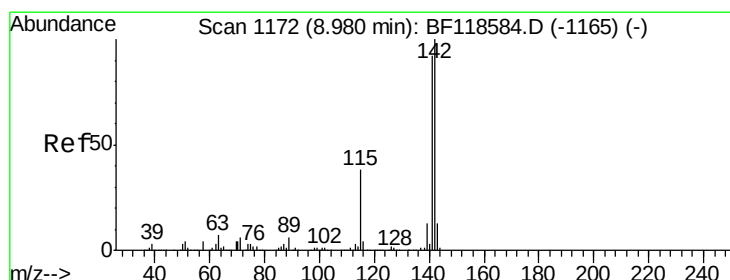
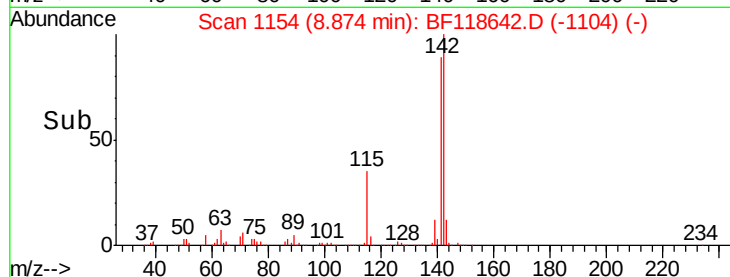
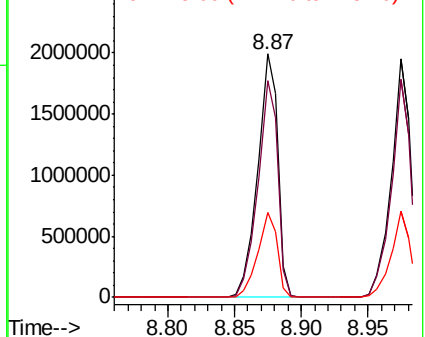
142 100

141 89.1 70.7 106.1

115 35.0 28.5 42.7



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: 46.092 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

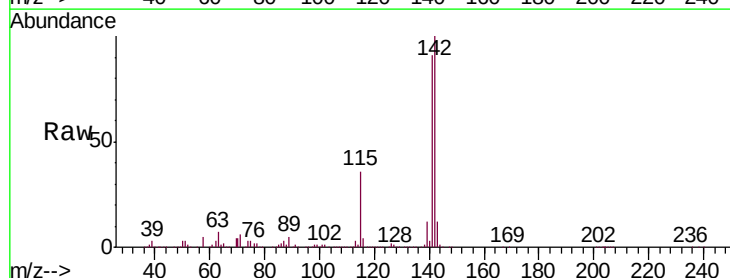
Tgt Ion:142 Resp: 1936816

Ion Ratio Lower Upper

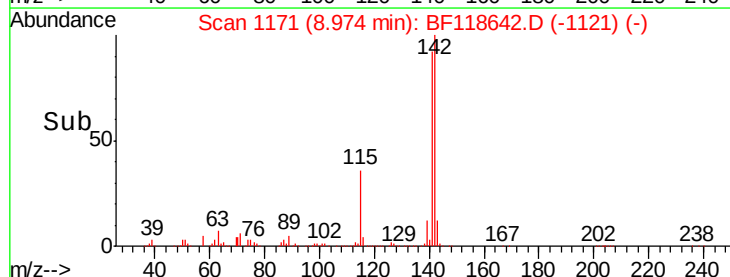
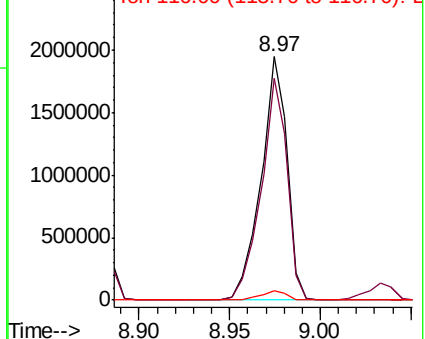
142 100

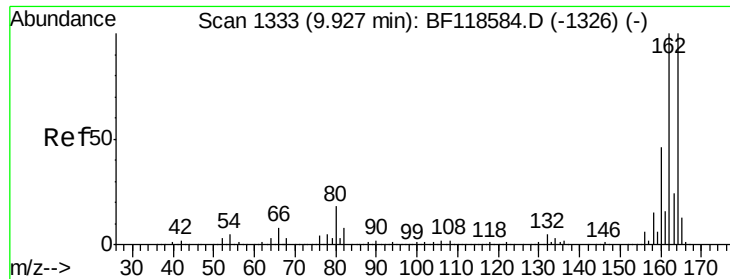
141 91.4 73.4 110.2

116 3.8 3.3 4.9



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

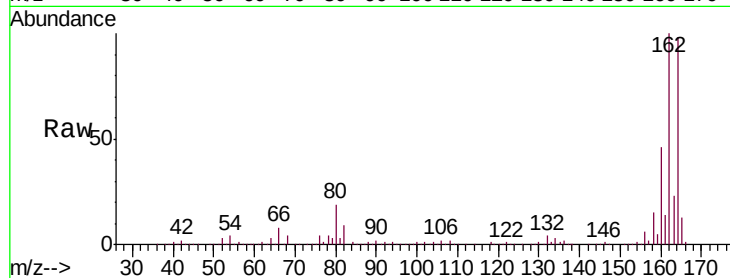
Tgt Ion:164 Resp: 766753

Ion Ratio Lower Upper

164 100

162 102.4 80.4 120.6

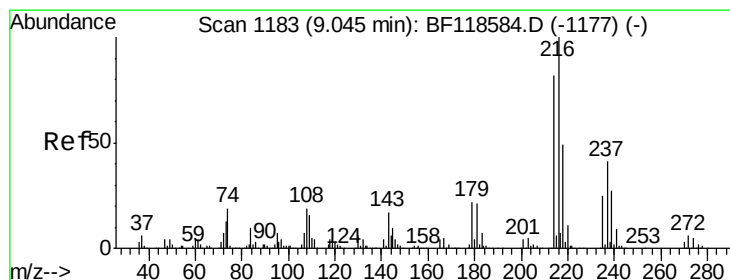
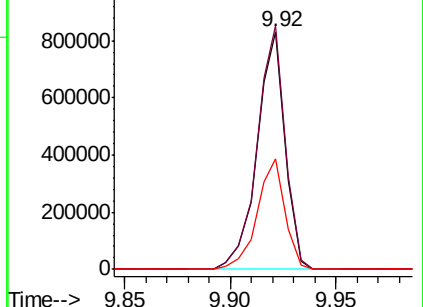
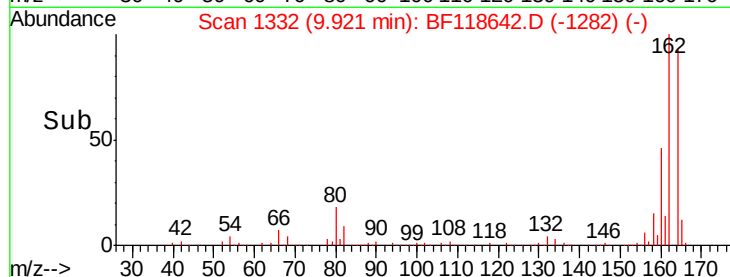
160 46.6 36.6 55.0



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: 42.869 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Tgt Ion:216 Resp: 1028469

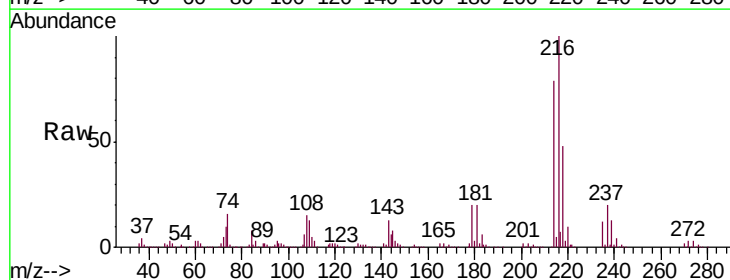
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 20.0 16.6 25.0

108 19.0 14.4 21.6

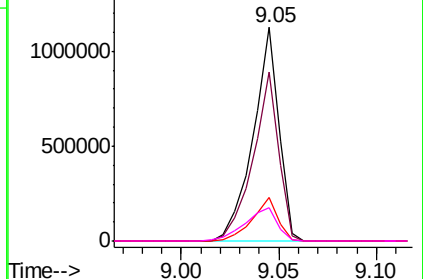
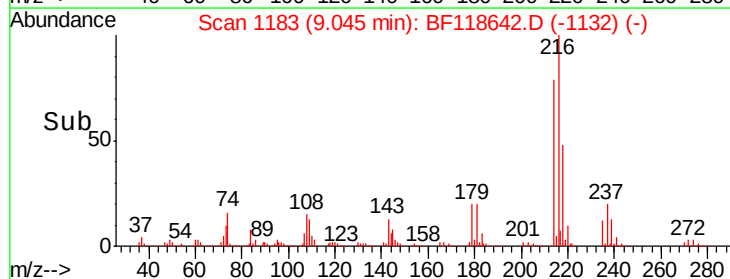


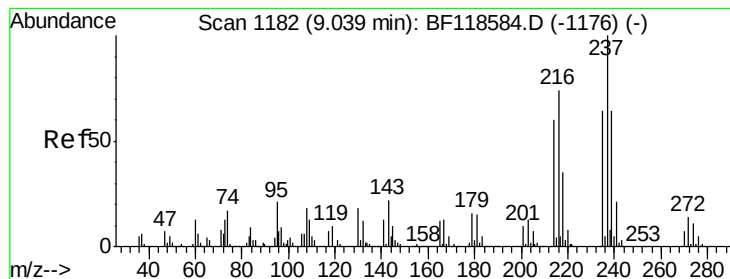
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.658 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampled :

PB126243BS

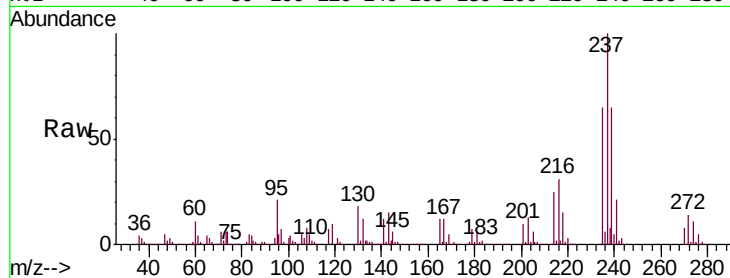
Tgt Ion:237 Resp: 1182084

Ion Ratio Lower Upper

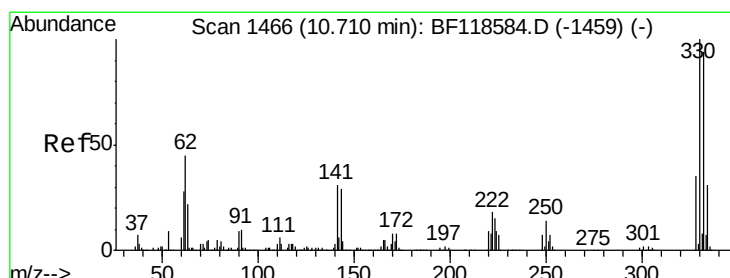
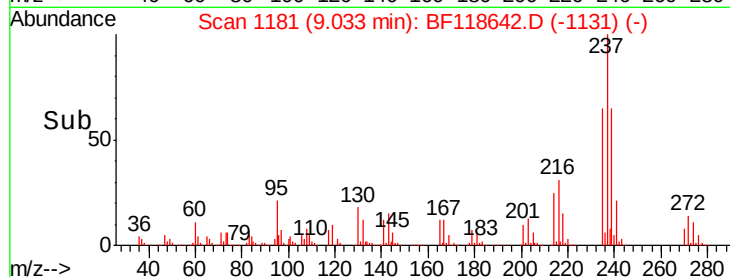
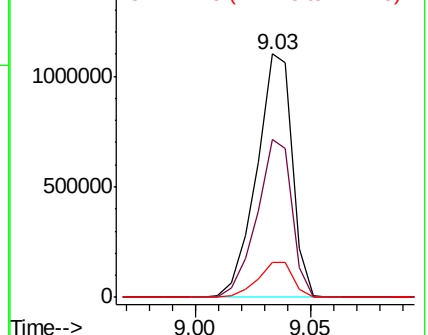
237 100

235 64.8 44.0 84.0

272 14.2 0.0 34.0



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: 125.803 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

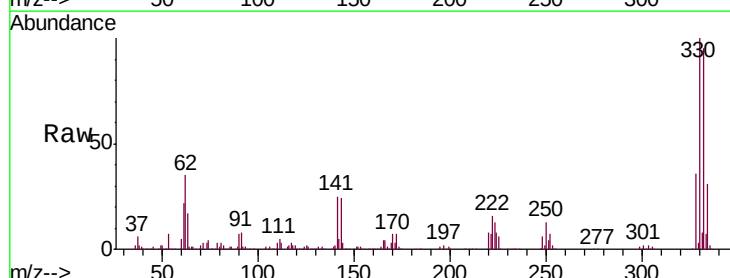
Tgt Ion:330 Resp: 1115681

Ion Ratio Lower Upper

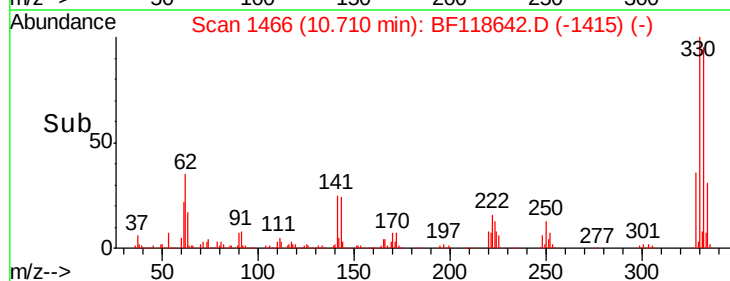
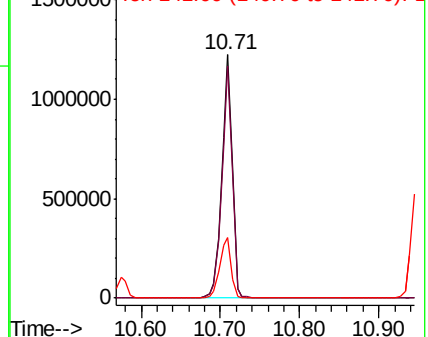
330 100

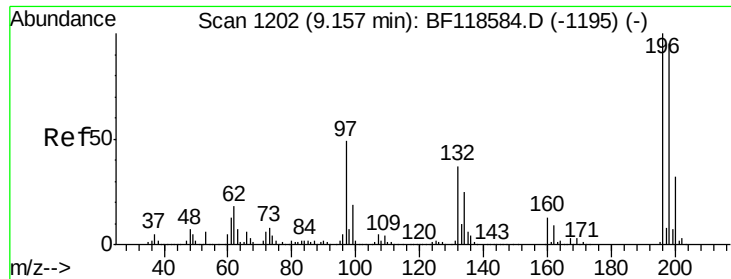
332 95.2 76.2 114.4

141 27.1 23.9 35.9



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

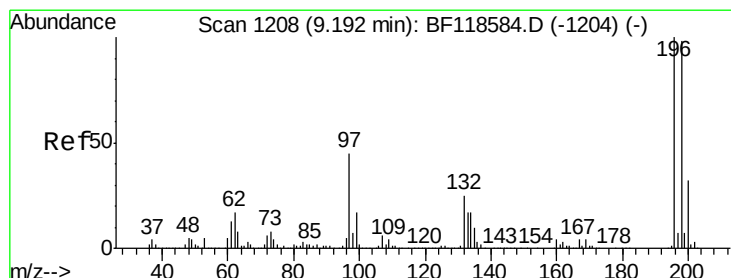
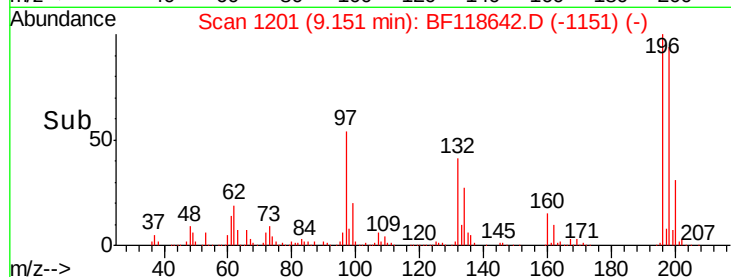
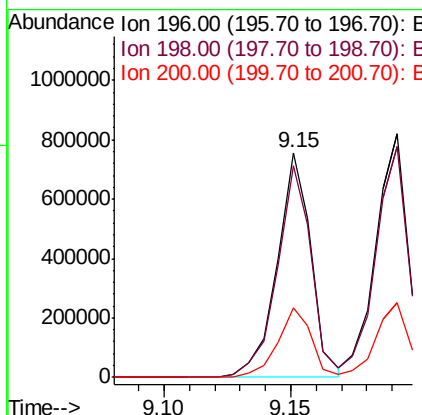
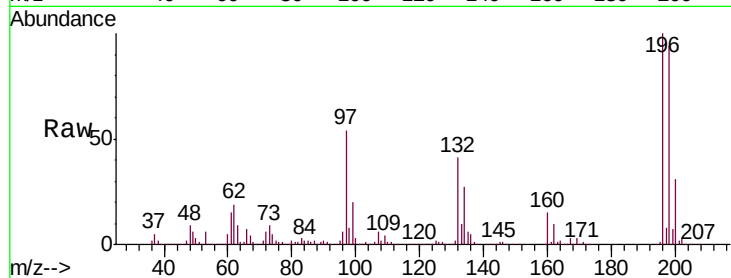




#43
 2,4,6-Trichlorophenol
 Concen: 44.301 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

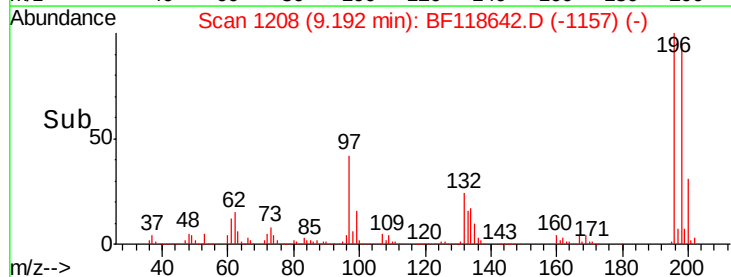
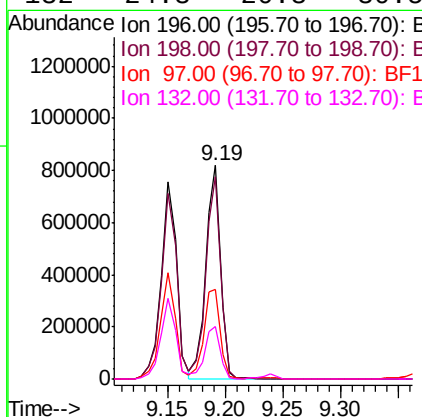
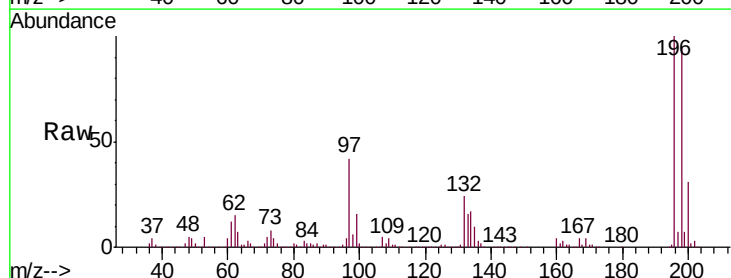
Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

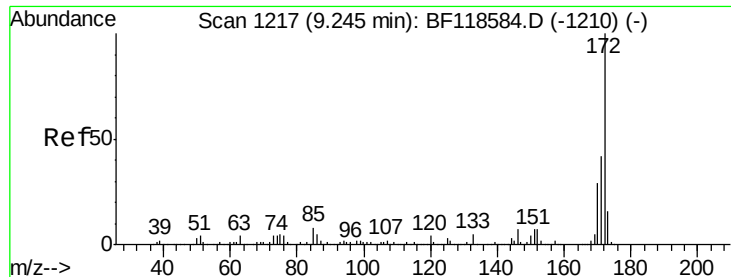
Tgt Ion:196 Resp: 705280
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 31.0 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.141 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion:196 Resp: 733950
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.3 117.5
 97 42.2 35.9 53.9
 132 24.3 20.3 30.5

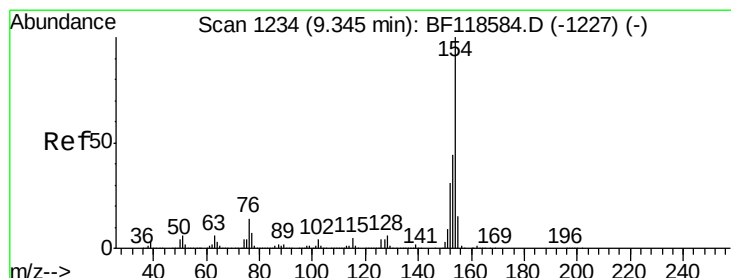
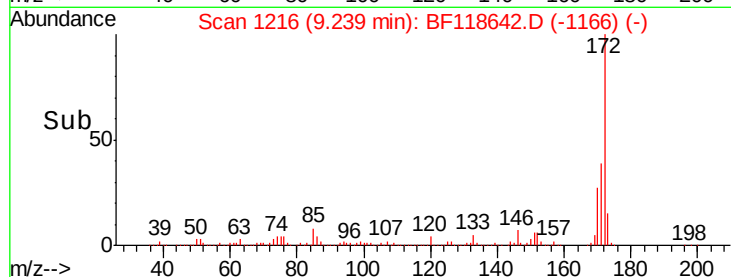
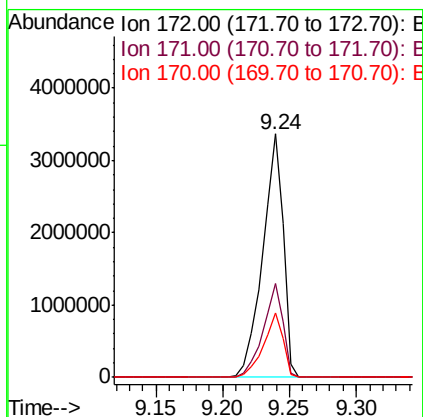
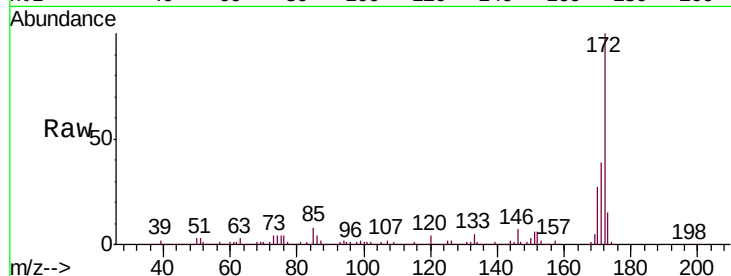




#45
2-Fluorobiphenyl
Concen: 76.346 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

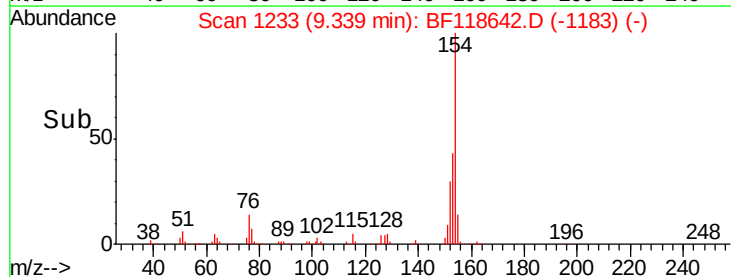
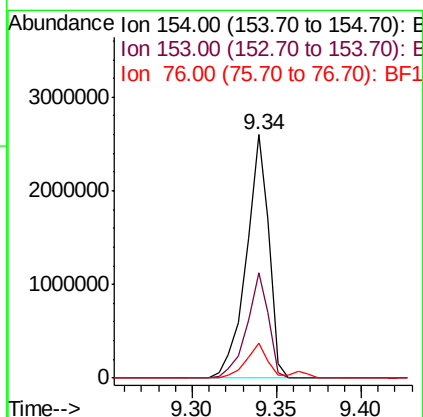
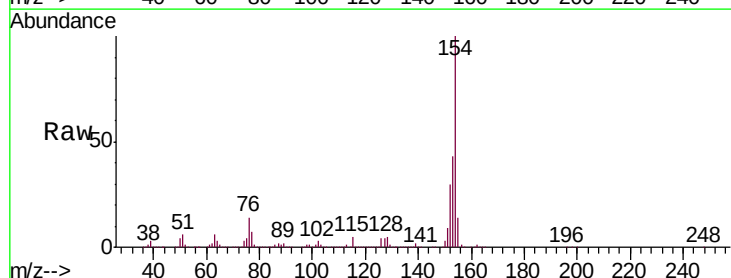
Instrument :
BNA_F
ClientSampleId :
PB126243BS

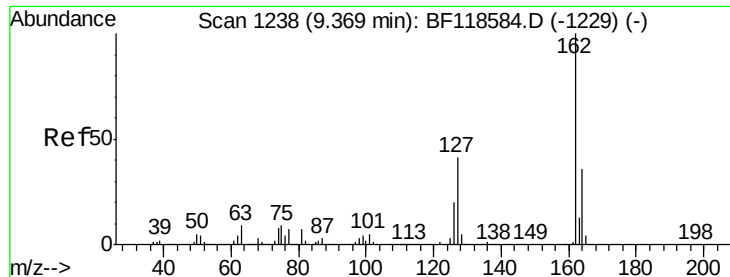
Tgt Ion:172 Resp: 3561561
Ion Ratio Lower Upper
172 100
171 38.7 33.4 50.2
170 26.5 23.2 34.8



#46
1,1'-Biphenyl
Concen: 45.771 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:154 Resp: 2418752
Ion Ratio Lower Upper
154 100
153 43.2 23.8 63.8
76 14.2 0.0 34.3

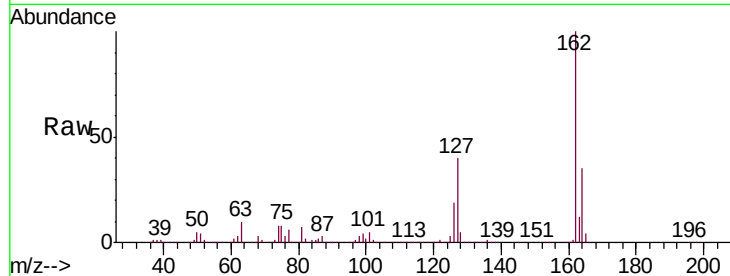




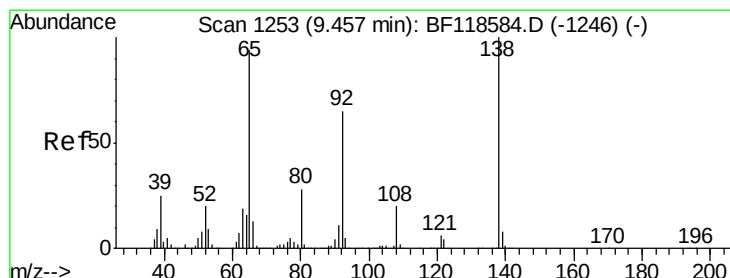
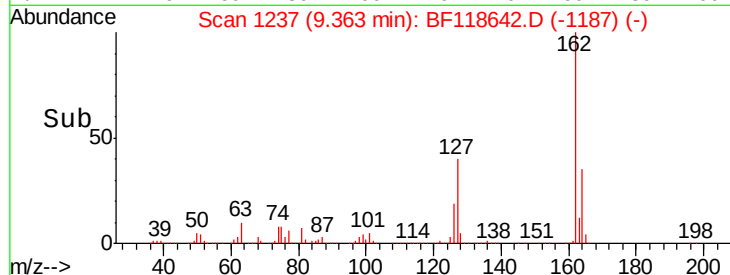
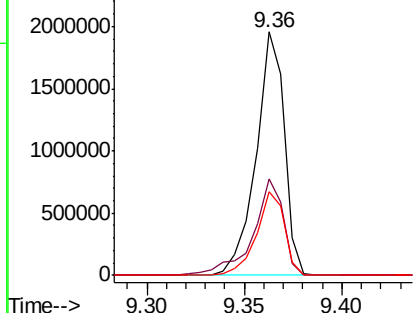
#47
 2-Chloronaphthalene
 Concen: 44.000 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tgt Ion: 162 Resp: 1959805
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.0 49.6
 164 34.5 28.6 42.8

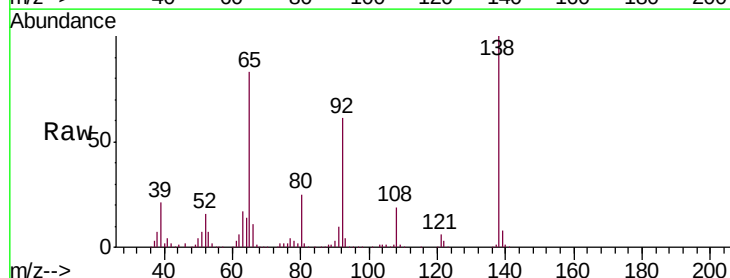


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

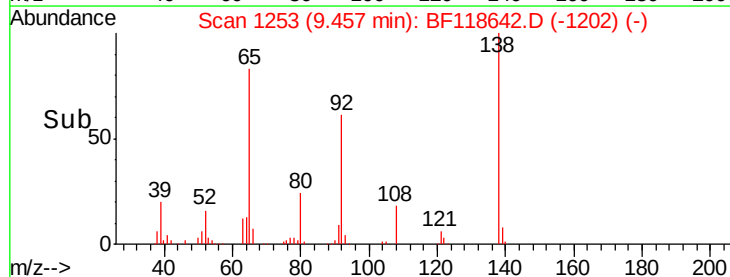
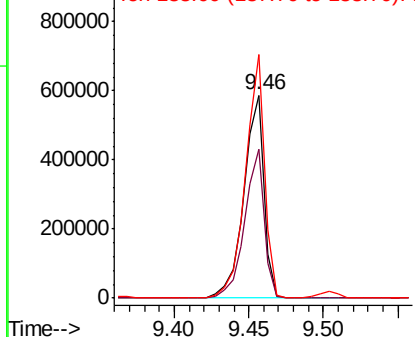


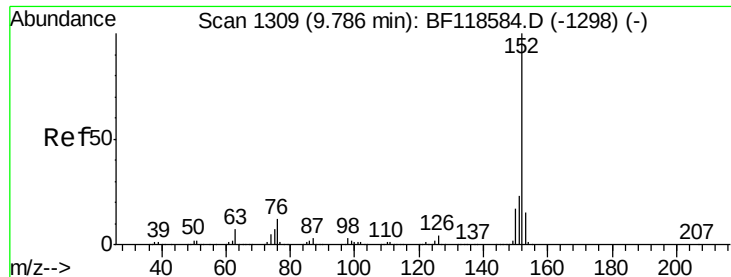
#48
 2-Nitroaniline
 Concen: 40.010 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion: 65 Resp: 547809
 Ion Ratio Lower Upper
 65 100
 92 73.4 55.4 83.0
 138 120.1 85.0 127.6



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: 47.230 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

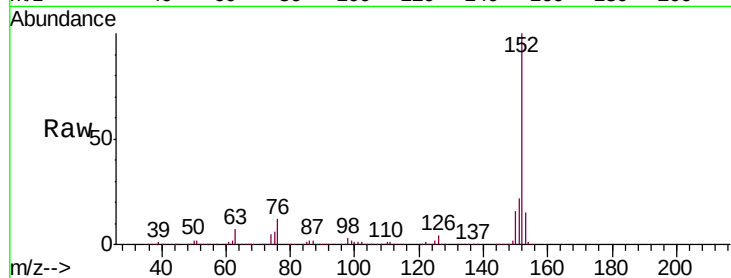
Tgt Ion:152 Resp: 2959481

Ion Ratio Lower Upper

152 100

151 22.0 18.6 27.8

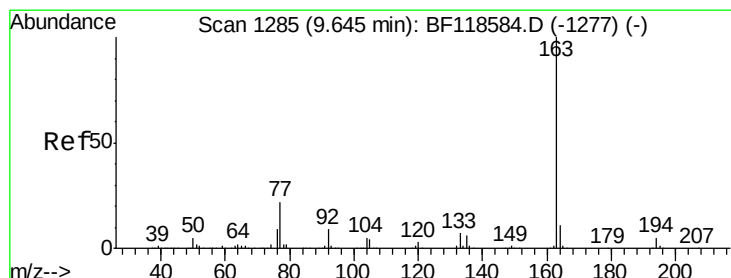
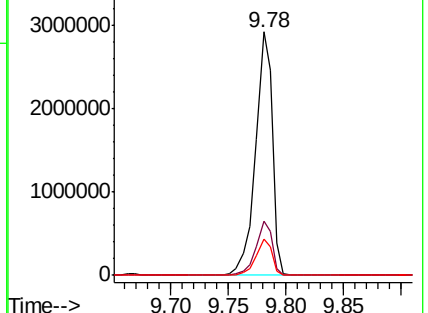
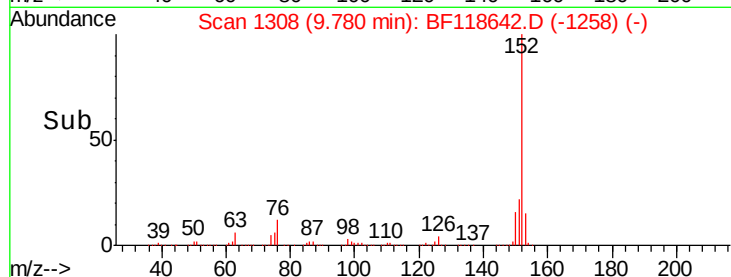
153 15.1 12.2 18.4



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: 43.650 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

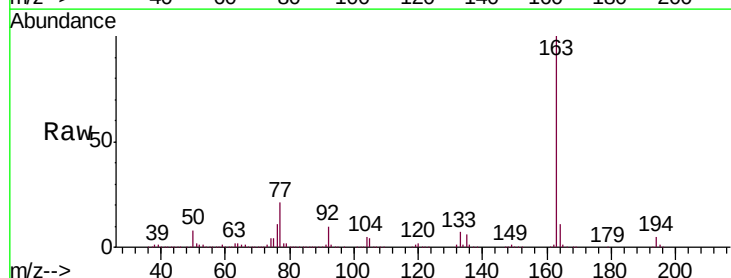
Tgt Ion:163 Resp: 2180549

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

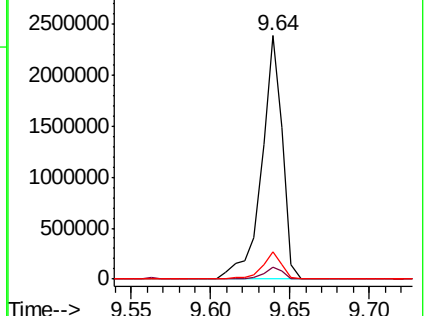
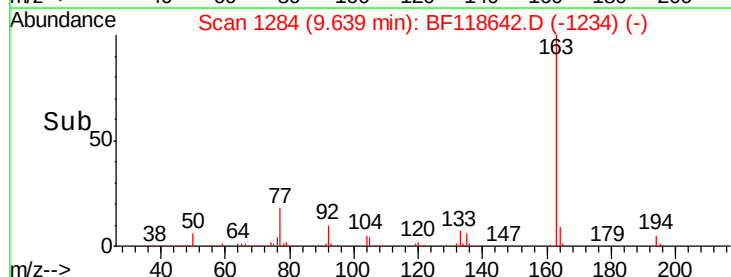
164 11.2 9.1 13.7

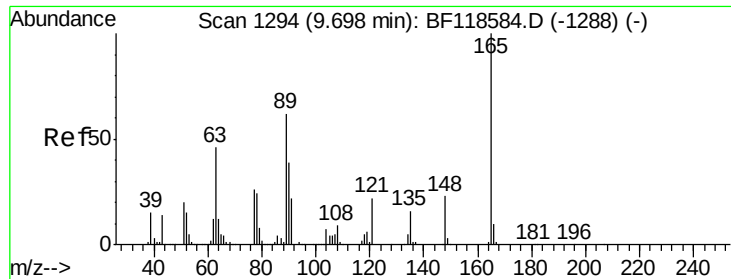


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

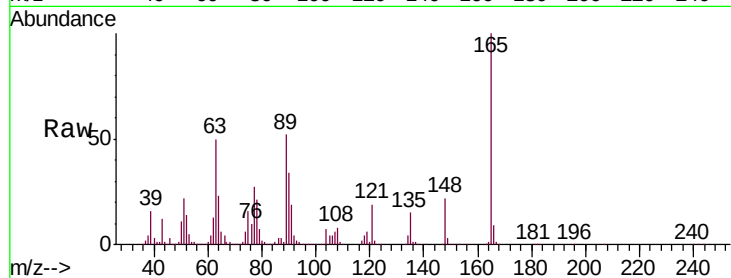




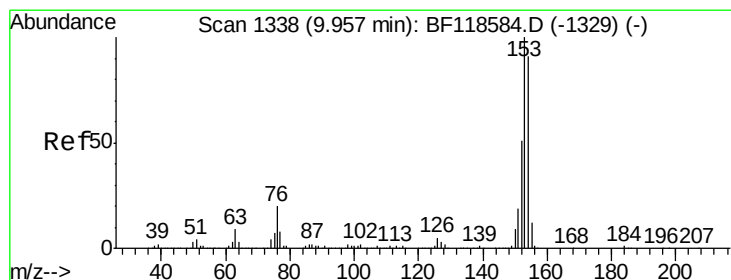
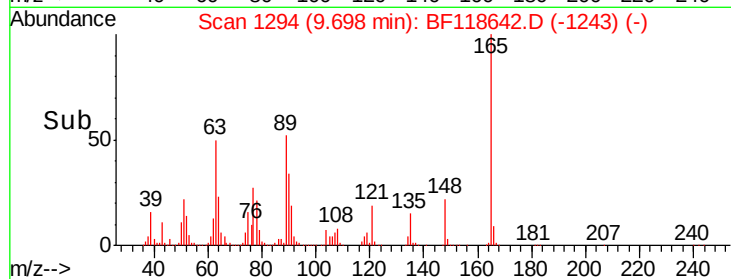
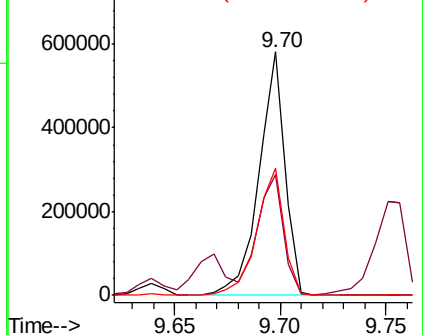
#51
 2,6-Dinitrotoluene
 Concen: 44.615 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	48.9	73.3
89	52.1	49.8	74.6

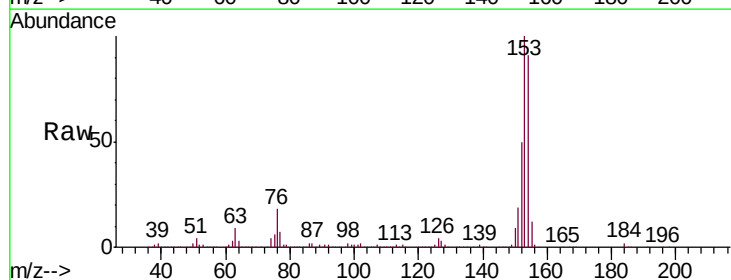


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

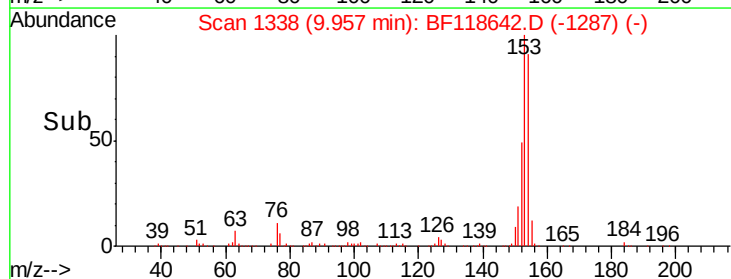
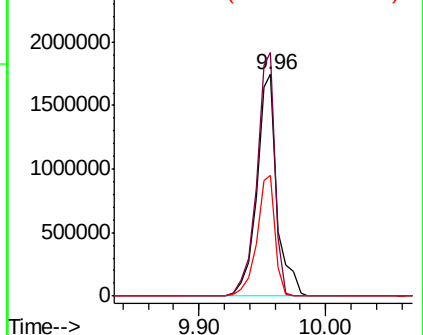


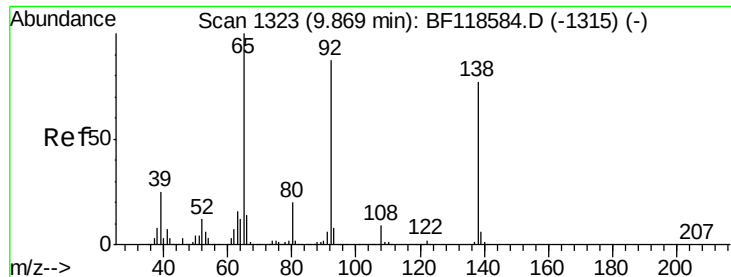
#52
 Acenaphthene
 Concen: 46.674 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	87.6	131.4
152	54.6	44.4	66.6



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

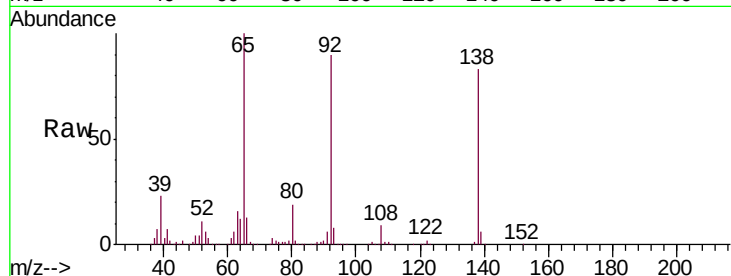




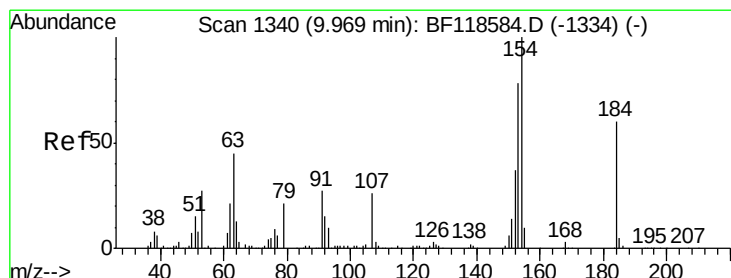
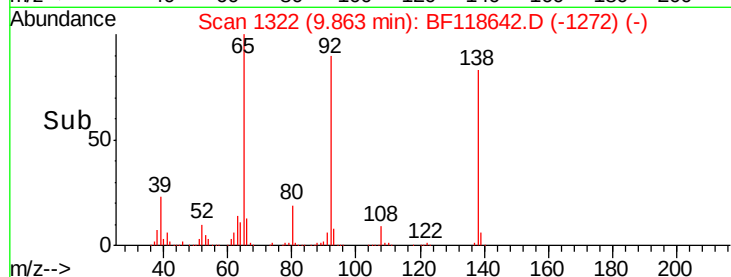
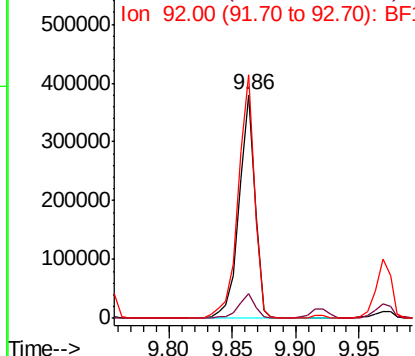
#53
 3-Nitroaniline
 Concen: 25.574 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

Tgt Ion:138 Resp: 326663
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.6 14.4
 92 108.8 90.6 136.0

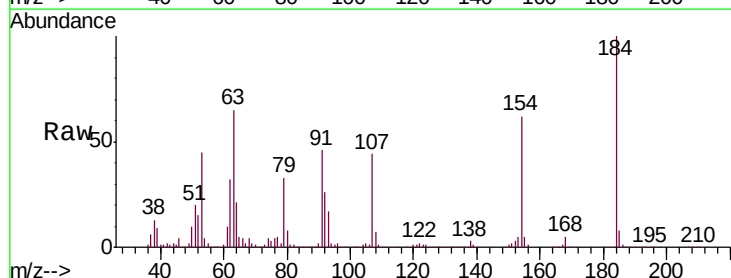


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

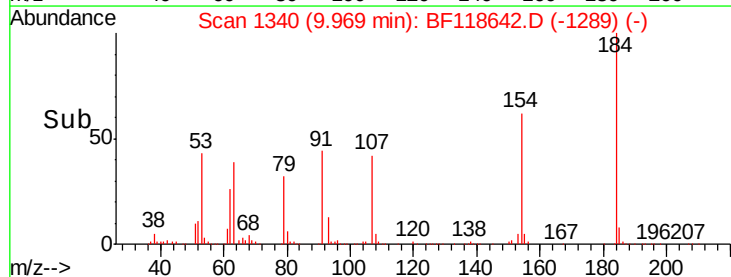
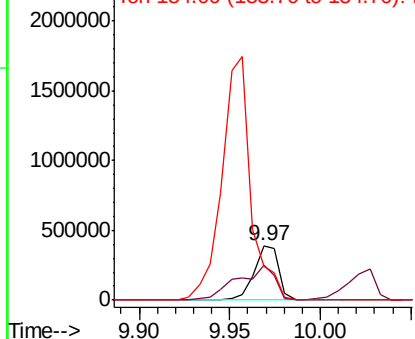


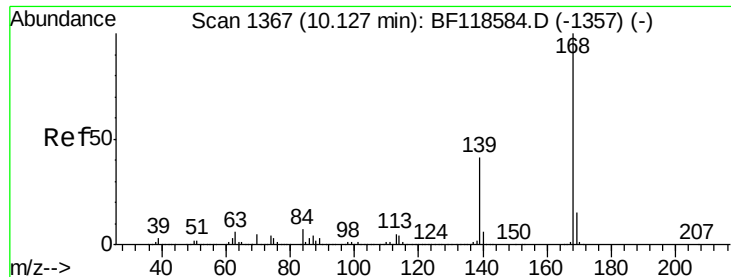
#54
 2,4-Dinitrophenol
 Concen: 82.108 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion:184 Resp: 366685
 Ion Ratio Lower Upper
 184 100
 63 64.6 60.6 90.8
 154 61.8 137.3 205.9#



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: 46.411 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

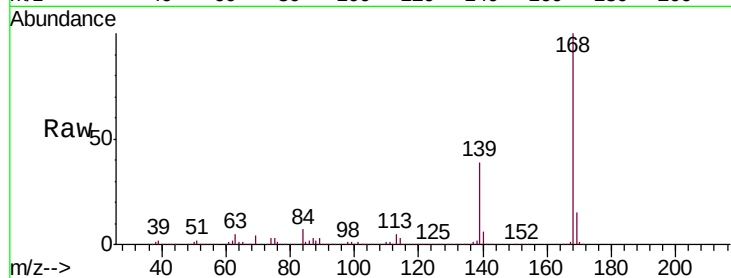
Tgt Ion:168 Resp: 2694854

Ion Ratio Lower Upper

168 100

139 38.5 32.7 49.1

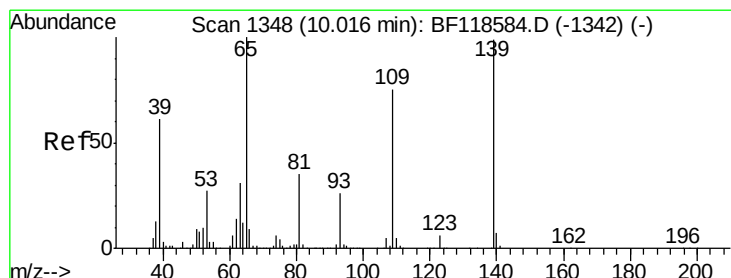
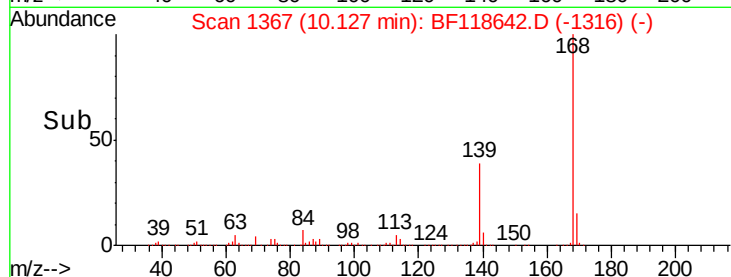
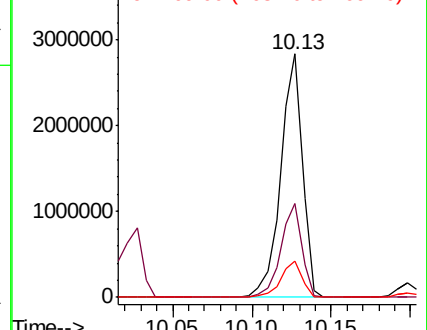
169 14.7 12.2 18.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.898 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

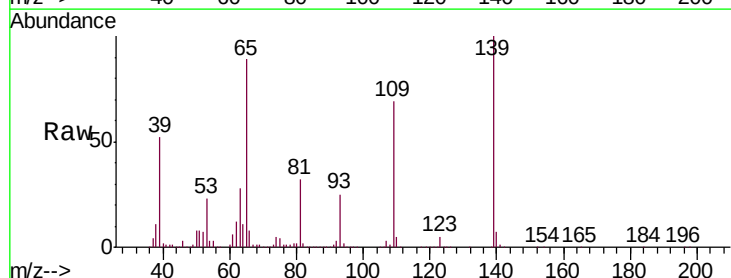
Tgt Ion:139 Resp: 847570

Ion Ratio Lower Upper

139 100

109 69.1 56.0 96.0

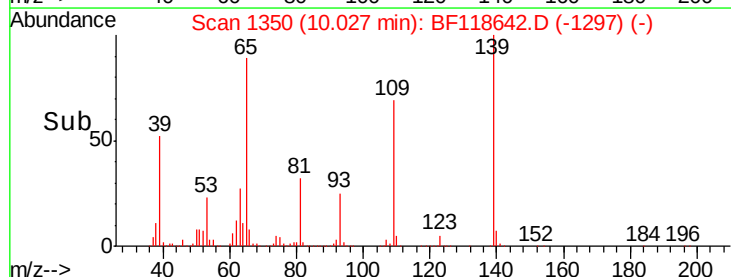
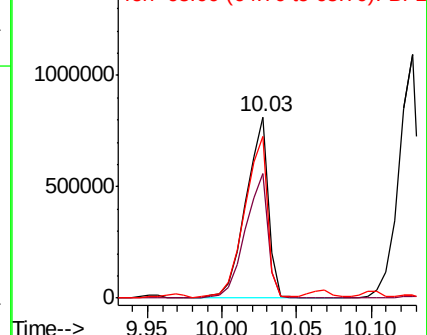
65 89.5 81.4 121.4

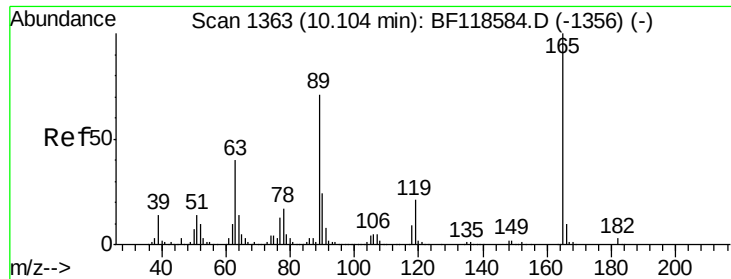


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

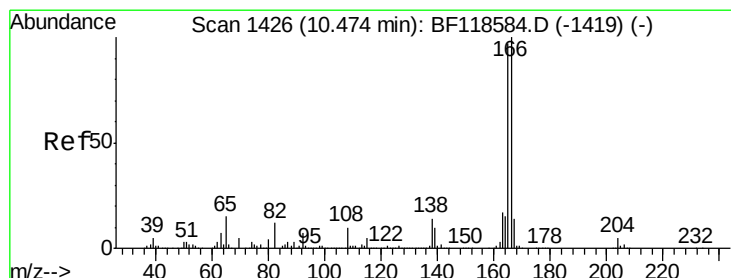
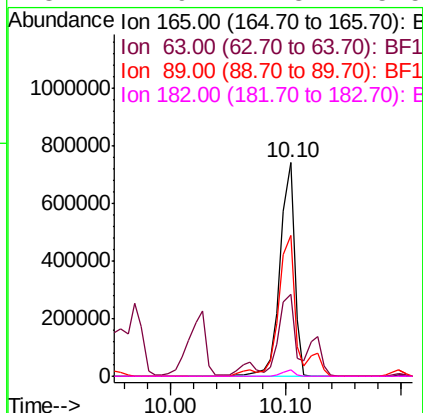
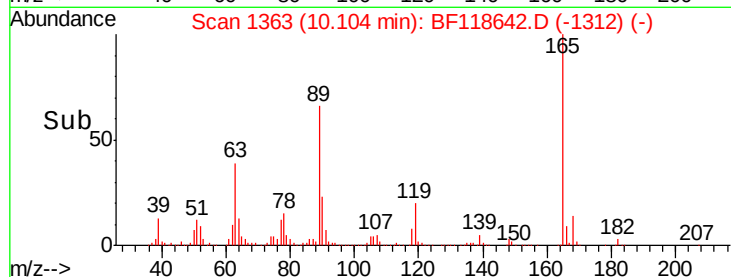
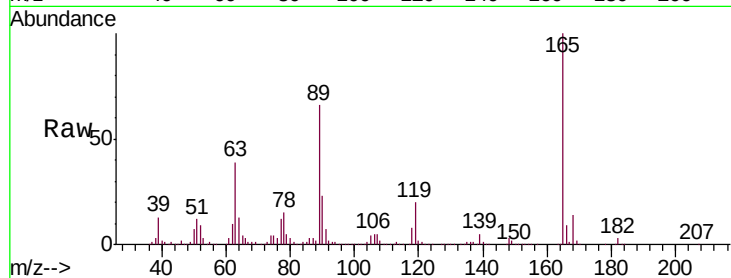




#57
2,4-Dinitrotoluene
Concen: 46.087 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

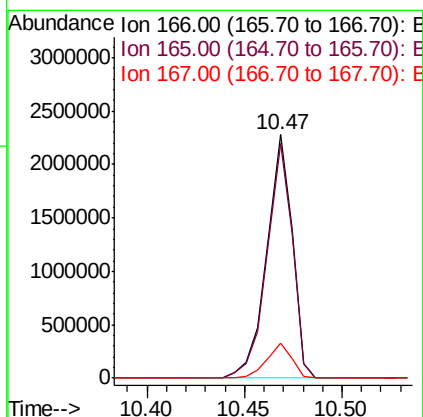
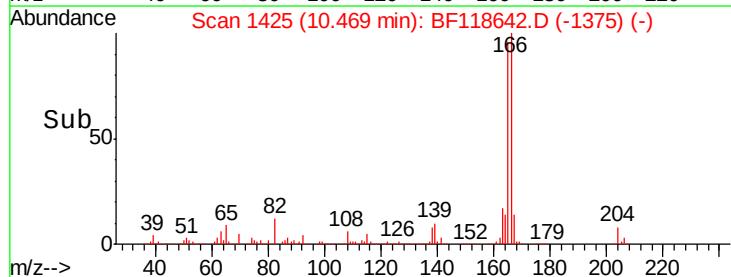
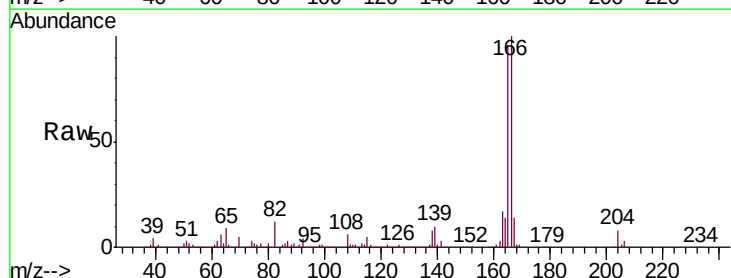
Instrument :
BNA_F
ClientSampleId :
PB126243BS

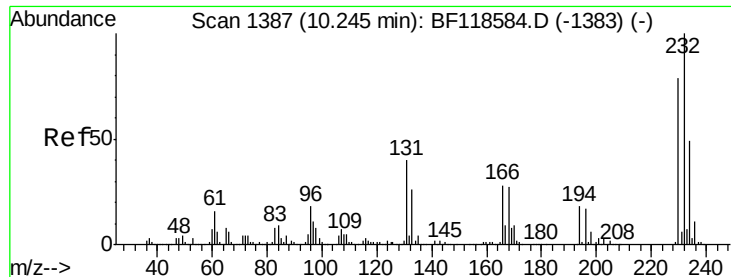
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.6	32.4	48.6
89	65.8	56.4	84.6
182	2.9	2.3	3.5



#58
Fluorene
Concen: 45.339 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.3	115.9
167	14.3	11.5	17.3

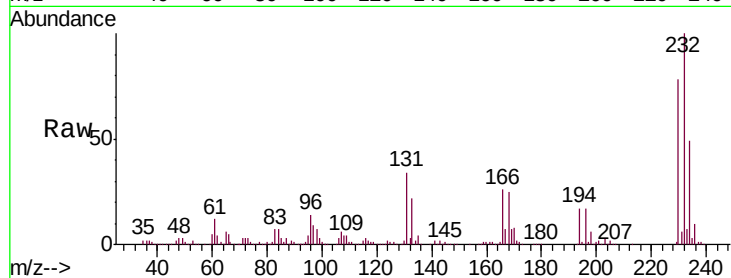




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.648 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.8	33.2	49.8
130	2.0	1.8	2.6
166	27.9	22.6	33.8



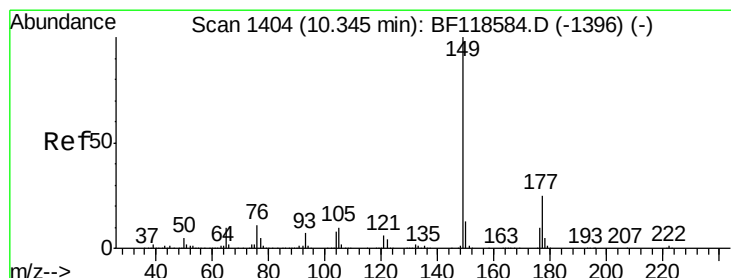
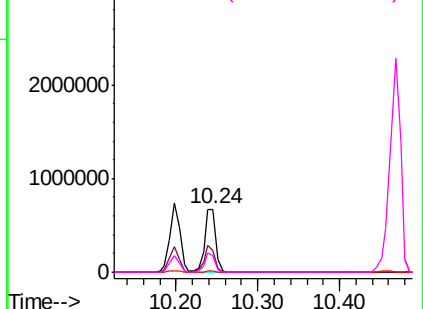
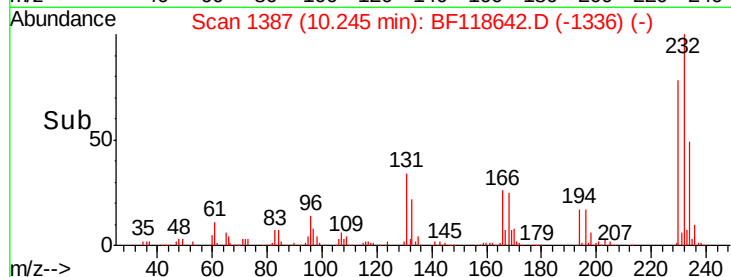
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

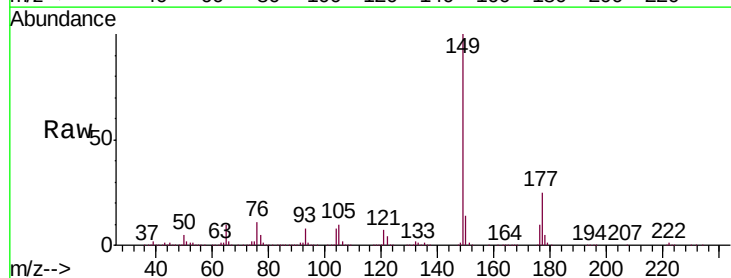
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.622 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	20.0	30.0
150	13.8	10.6	16.0

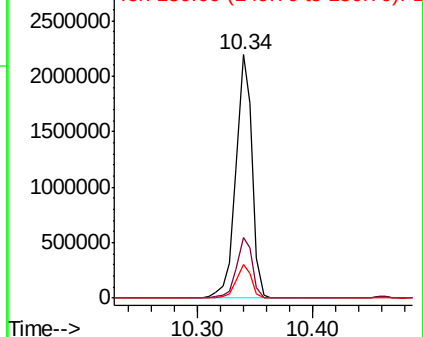
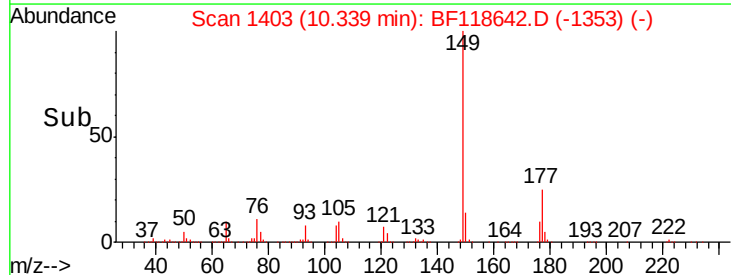


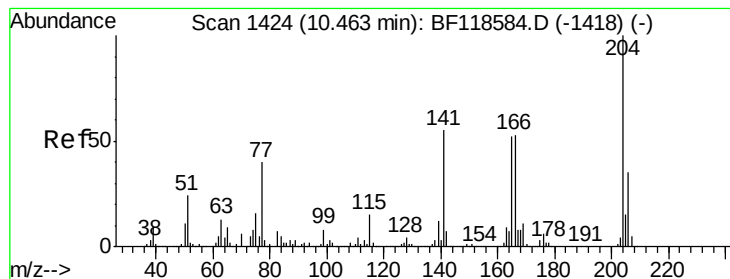
Abundance

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: 44.321 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

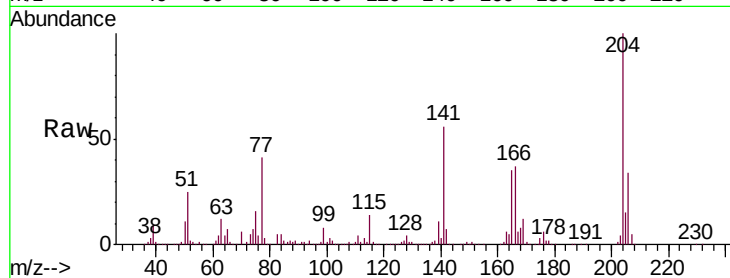
Tgt Ion:204 Resp: 1098798

Ion Ratio Lower Upper

204 100

206 34.2 27.8 41.6

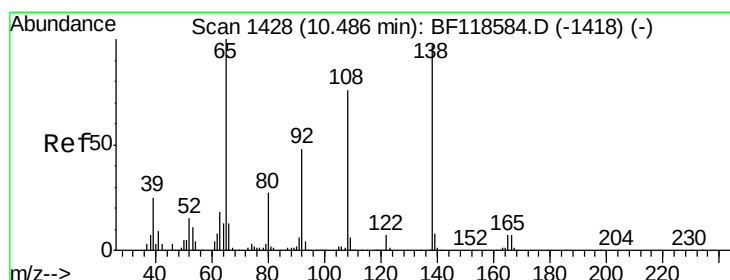
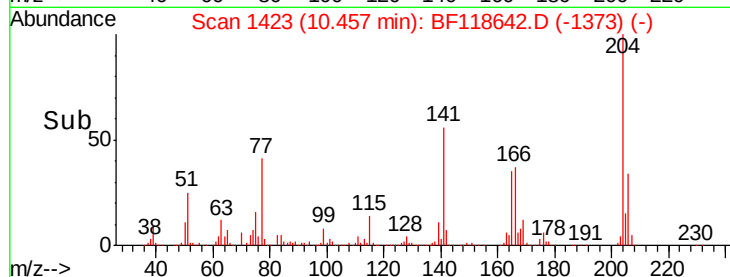
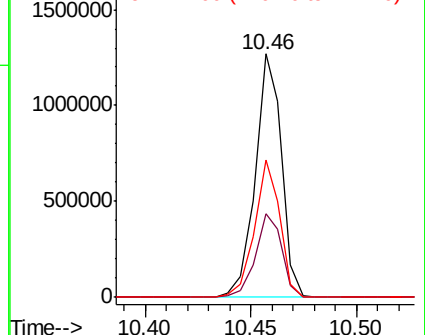
141 56.3 43.7 65.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 37.822 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

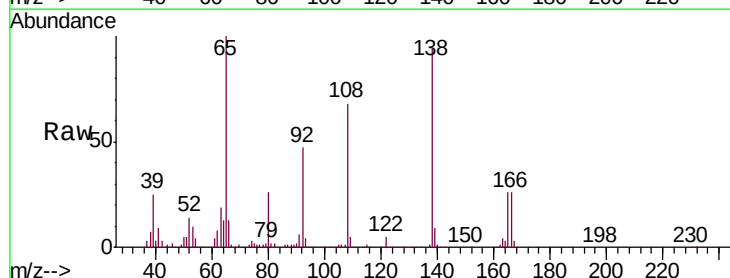
Tgt Ion:138 Resp: 495549

Ion Ratio Lower Upper

138 100

92 49.9 29.4 69.4

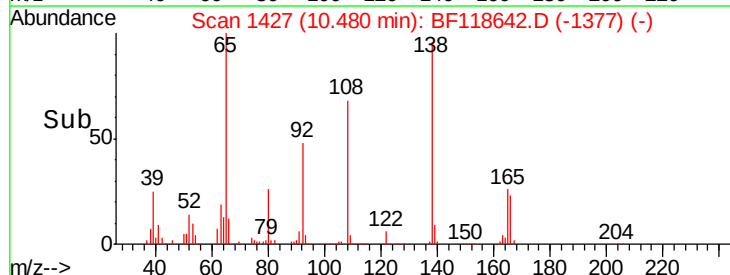
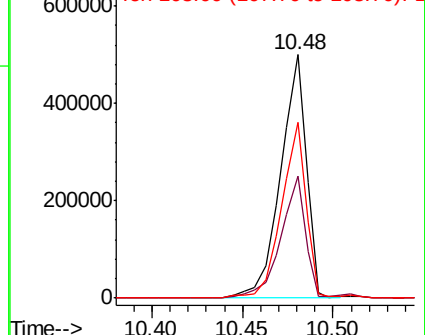
108 72.0 58.2 98.2

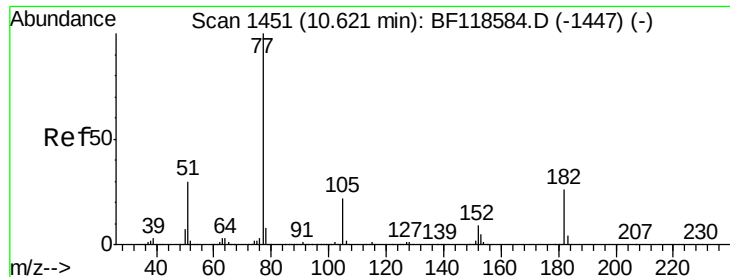


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.345 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

Tgt Ion: 77 Resp: 2080094

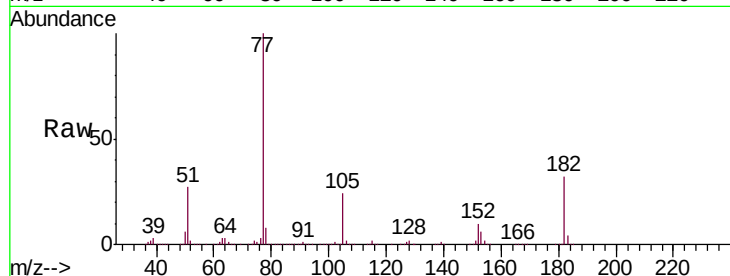
Ion Ratio Lower Upper

77 100

182 31.9 5.6 45.6

105 24.0 2.0 42.0

51 27.0 10.2 50.2

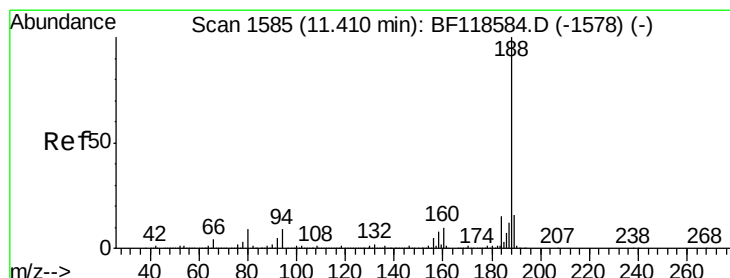
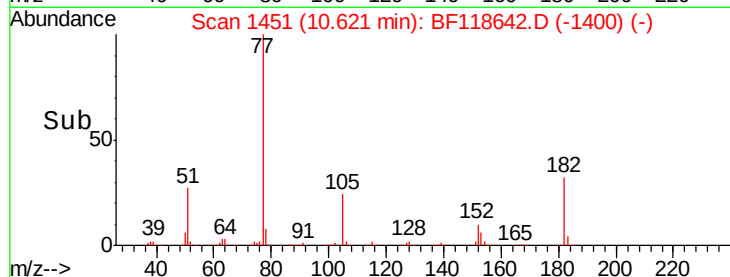
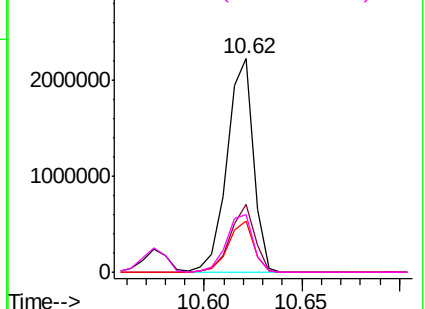


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

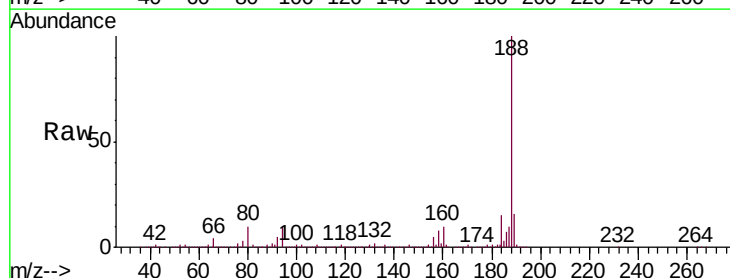
Tgt Ion: 188 Resp: 1397243

Ion Ratio Lower Upper

188 100

94 9.6 7.1 10.7

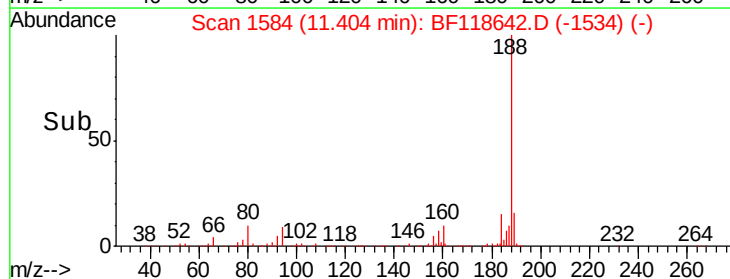
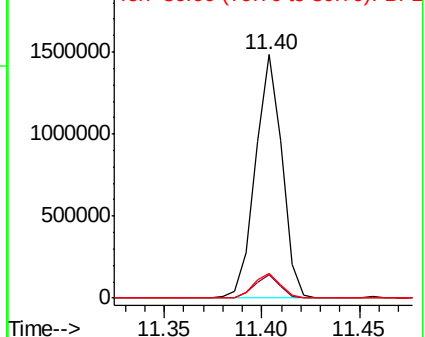
80 10.4 7.5 11.3

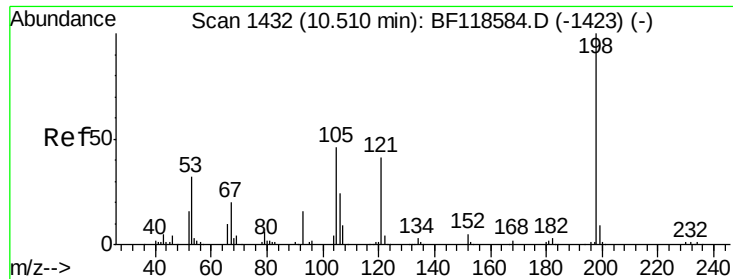


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

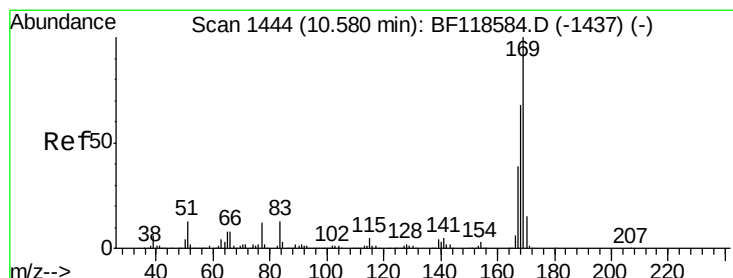
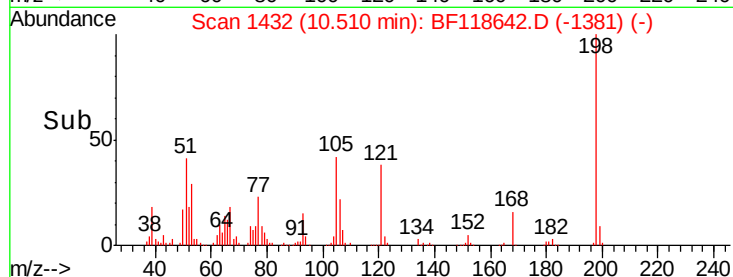
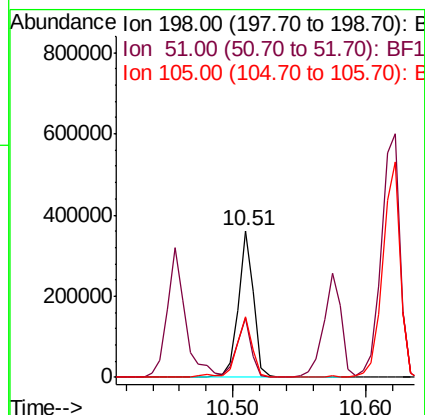
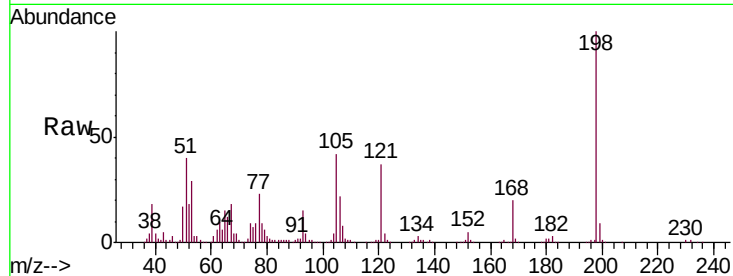




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.119 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

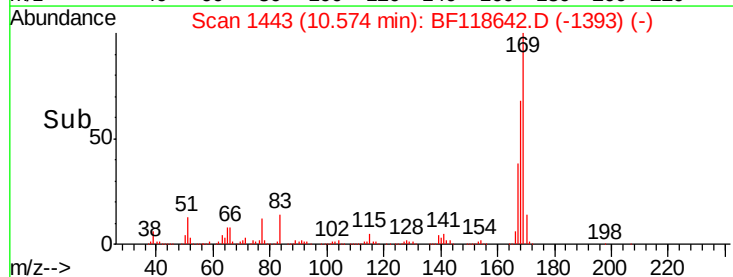
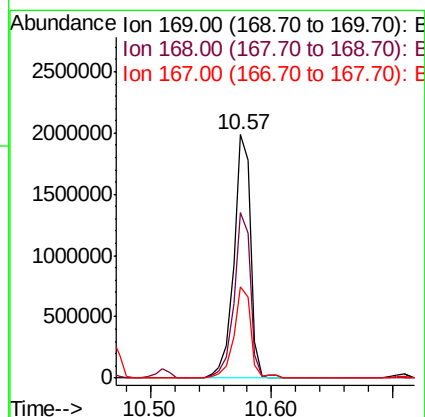
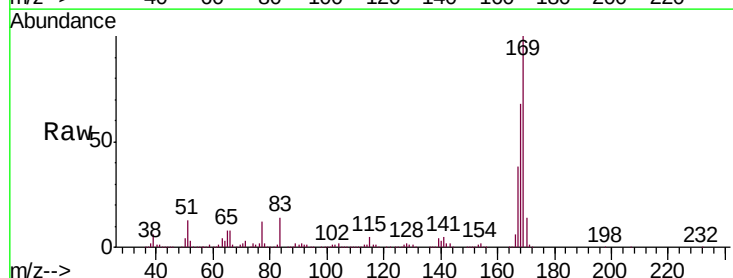
Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

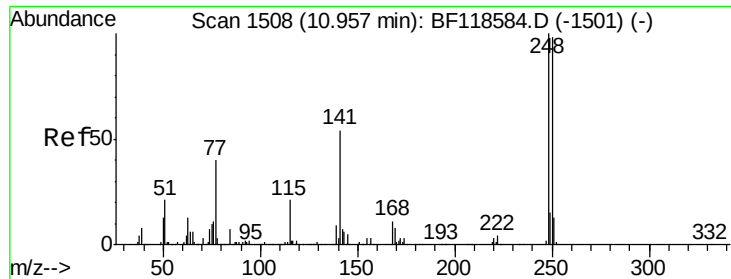
Tgt Ion:198 Resp: 289498
 Ion Ratio Lower Upper
 198 100
 51 40.3 25.2 65.2
 105 41.5 26.3 66.3



#66
 n-Nitrosodiphenylamine
 Concen: 45.183 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion:169 Resp: 1903894
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.6 82.0
 167 37.6 30.9 46.3

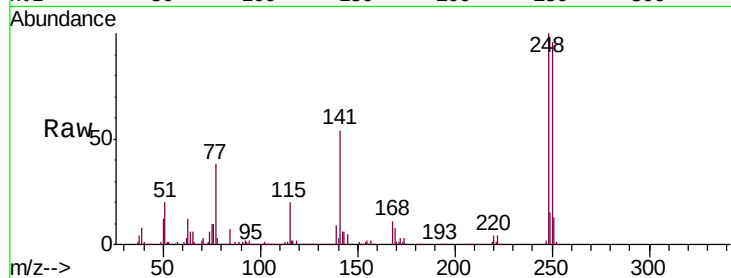




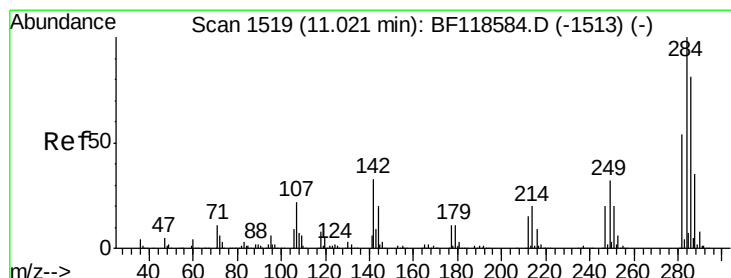
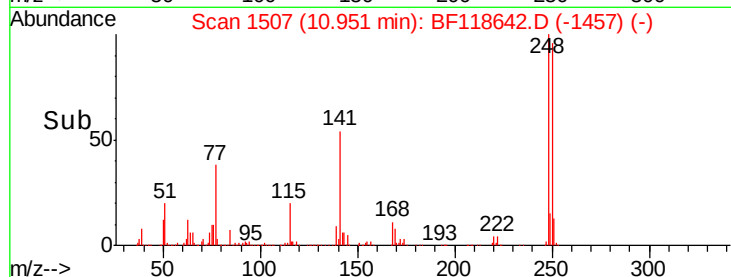
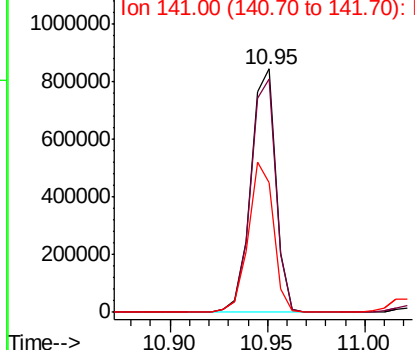
#67
4-Bromophenyl-phenylether
Concen: 43.631 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tgt Ion:248 Resp: 753179
Ion Ratio Lower Upper
248 100
250 95.7 78.7 118.1
141 53.5 43.2 64.8

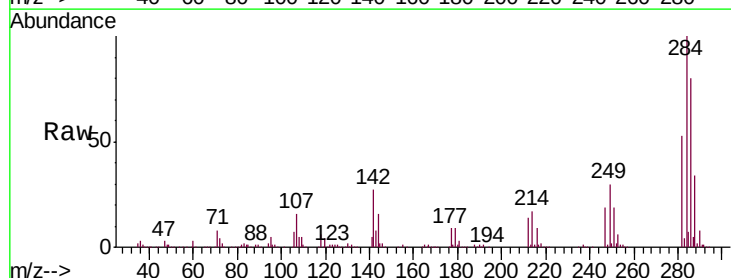


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

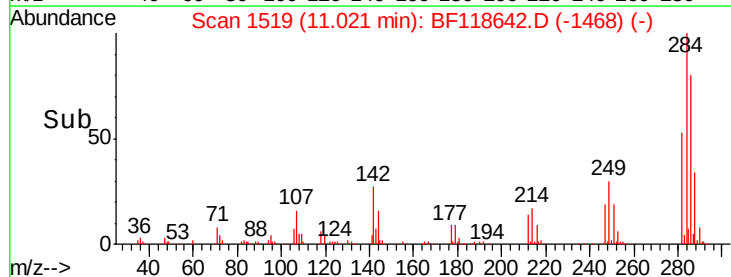
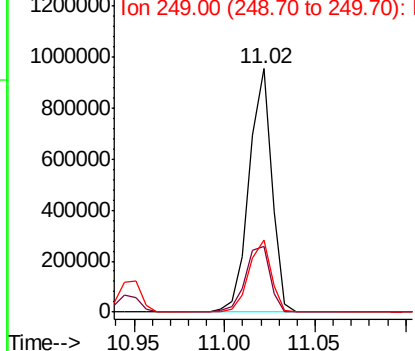


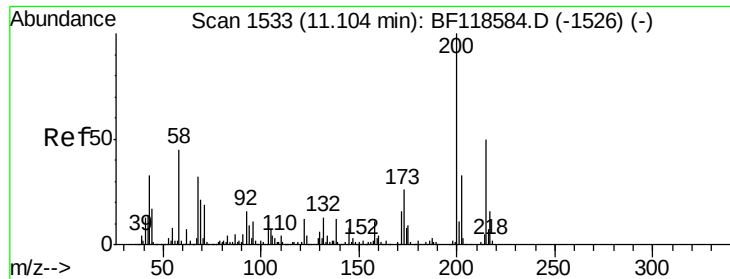
#68
Hexachlorobenzene
Concen: 42.315 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:284 Resp: 828159
Ion Ratio Lower Upper
284 100
142 27.1 26.6 39.8
249 29.6 25.2 37.8



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: 46.846 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

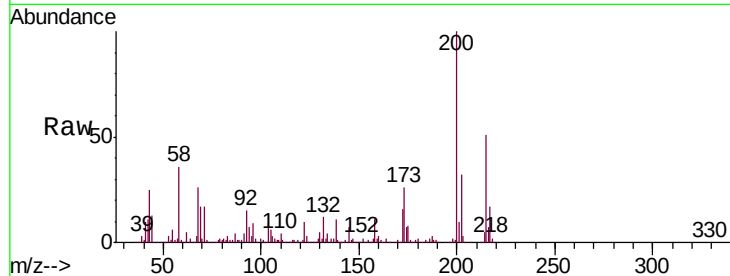
Tgt Ion:200 Resp: 684187

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

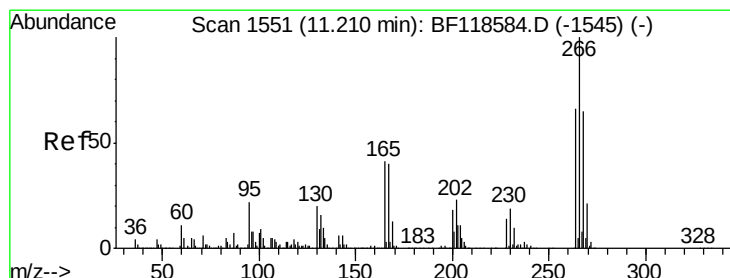
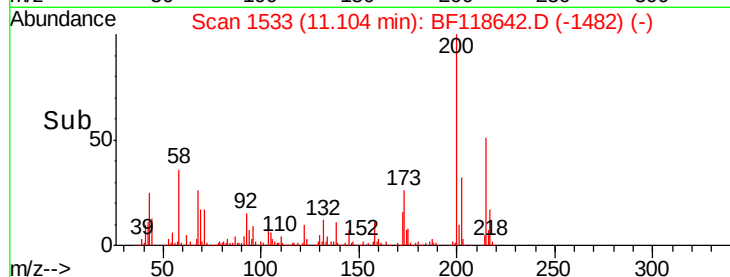
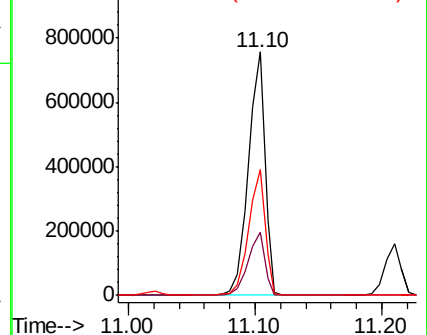
215 51.4 30.2 70.2



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: 81.114 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

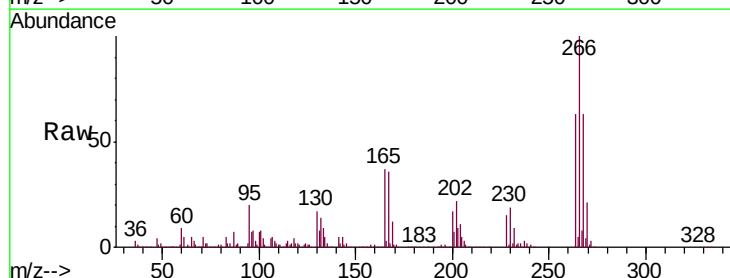
Tgt Ion:266 Resp: 882619

Ion Ratio Lower Upper

266 100

268 63.2 52.1 78.1

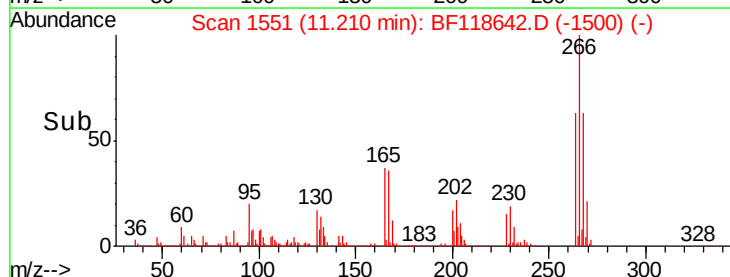
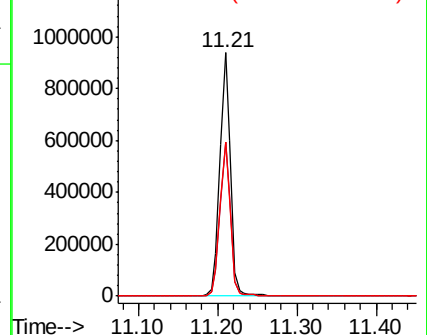
264 63.2 52.4 78.6

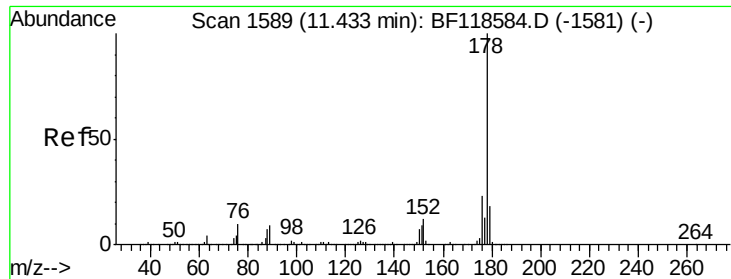


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

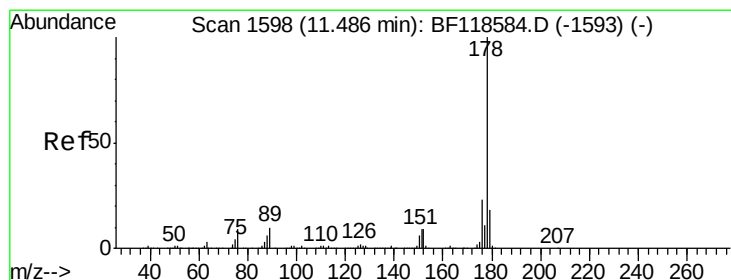
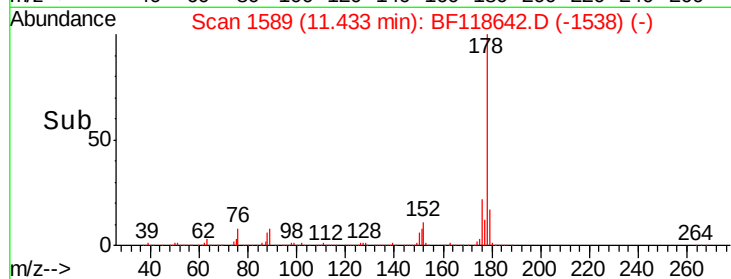
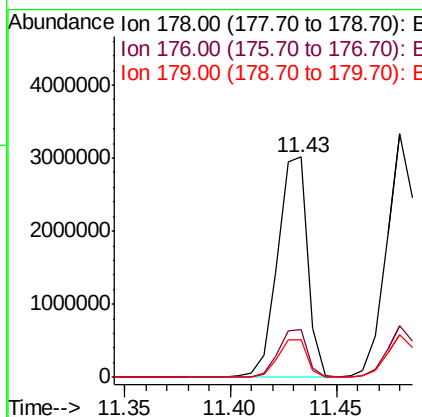
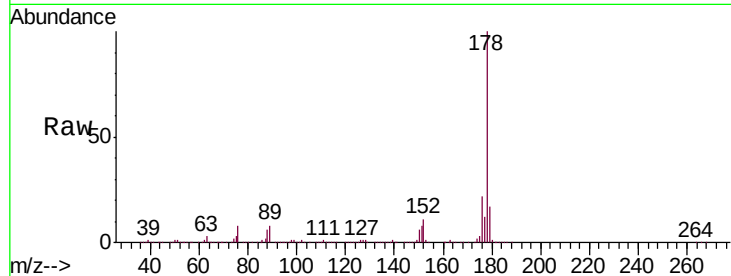




#71
Phenanthrene
Concen: 44.394 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

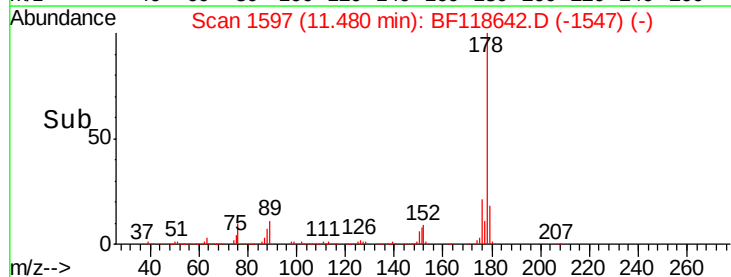
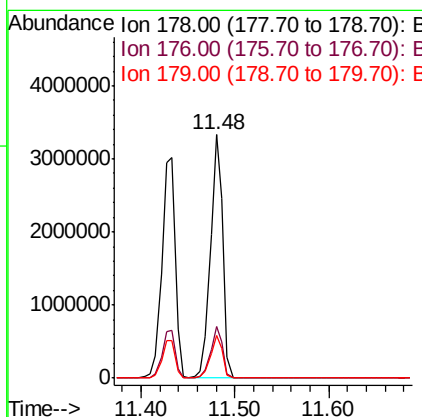
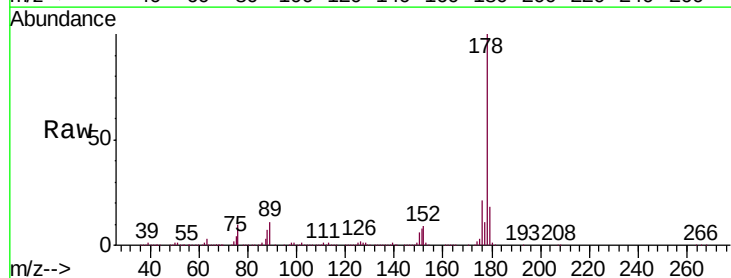
Instrument :
BNA_F
ClientSampleId :
PB126243BS

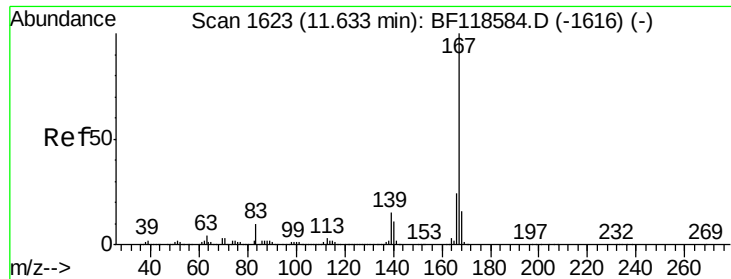
Tgt Ion:178 Resp: 2992521
Ion Ratio Lower Upper
178 100
176 21.6 18.6 27.8
179 17.0 14.7 22.1



#72
Anthracene
Concen: 46.349 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:178 Resp: 3091534
Ion Ratio Lower Upper
178 100
176 21.4 18.0 27.0
179 17.8 14.7 22.1

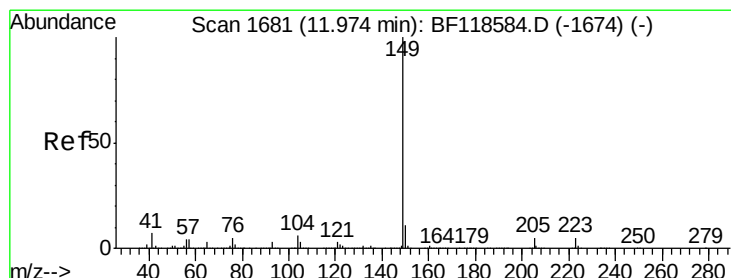
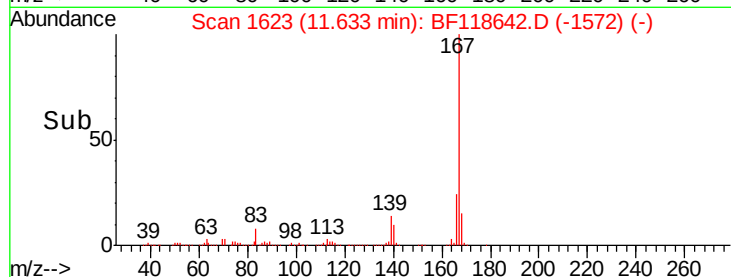
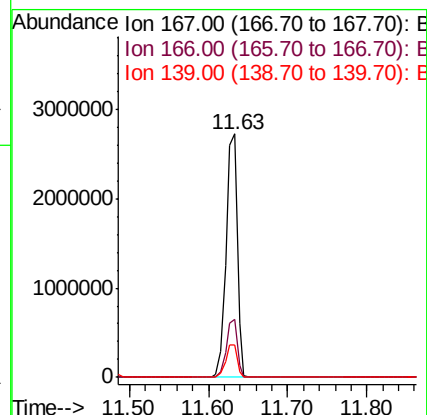
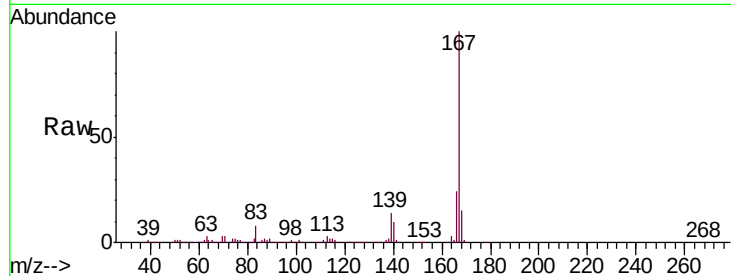




#73
 Carbazole
 Concen: 43.865 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

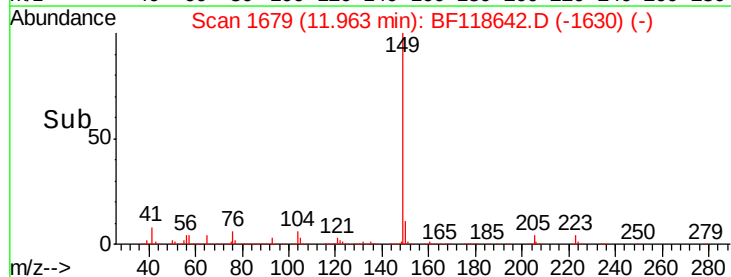
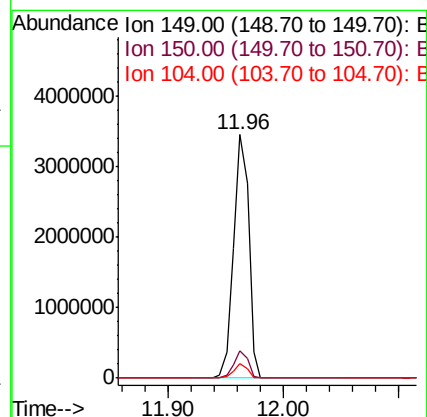
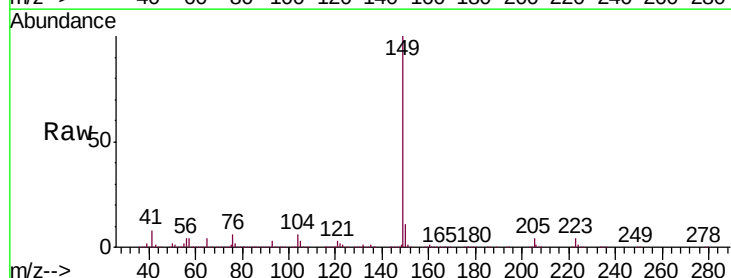
Instrument :
 BNA_F
 ClientSampleId :
 PB126243BS

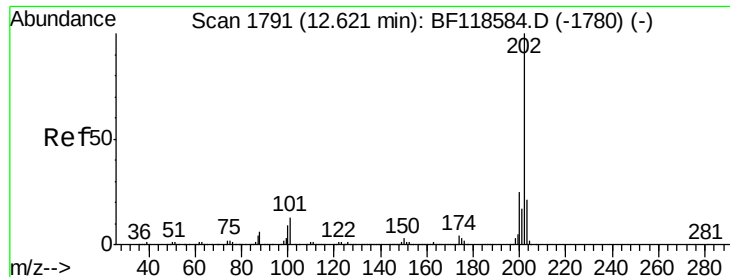
Tgt Ion:167 Resp: 2683674
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.4 29.2
 139 13.6 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 45.986 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118642.D
 Acq: 21 Jan 2020 19:42

Tgt Ion:149 Resp: 3125829
 Ion Ratio Lower Upper
 149 100
 150 11.0 8.7 13.1
 104 5.9 4.6 6.8





#75

Fluoranthene

Concen: 43.770 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

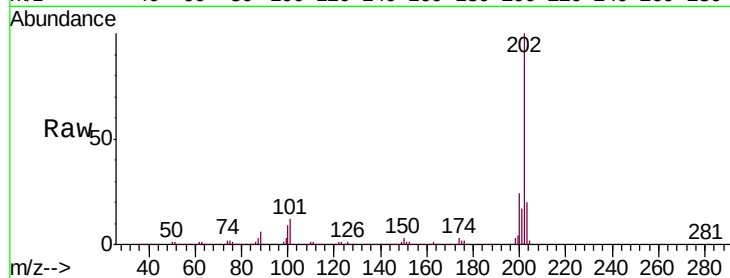
Tgt Ion:202 Resp: 3111915

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.5

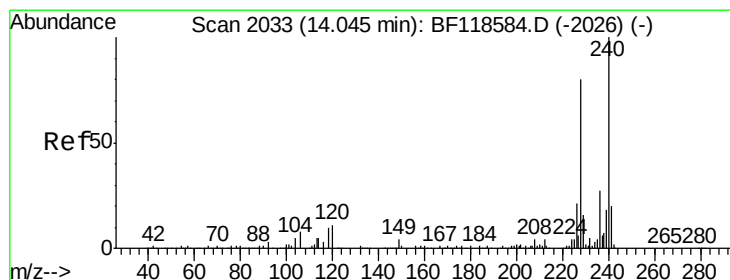
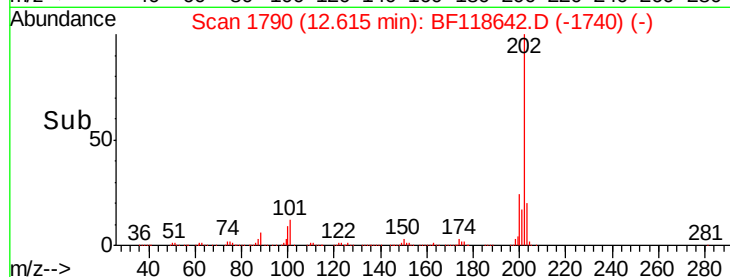
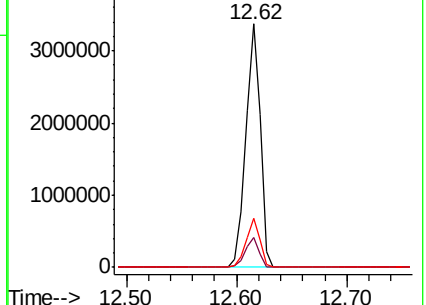
203 19.9 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

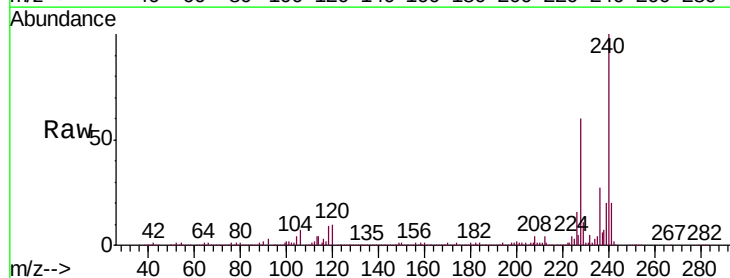
Tgt Ion:240 Resp: 930874

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

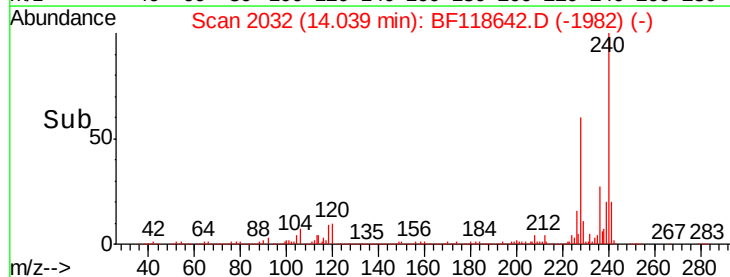
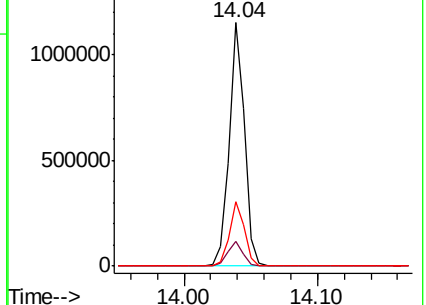
236 26.7 21.5 32.3

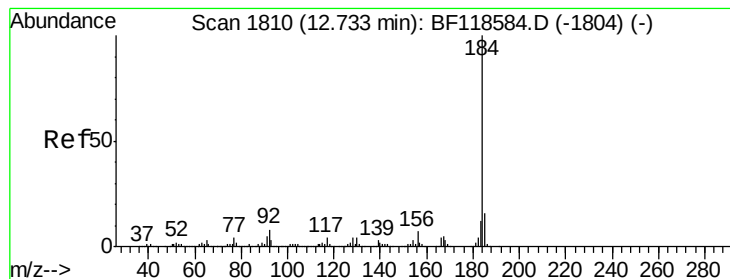


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.681 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

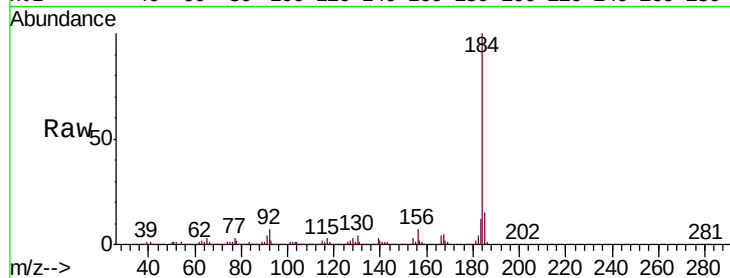
Tgt Ion:184 Resp: 1733128

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

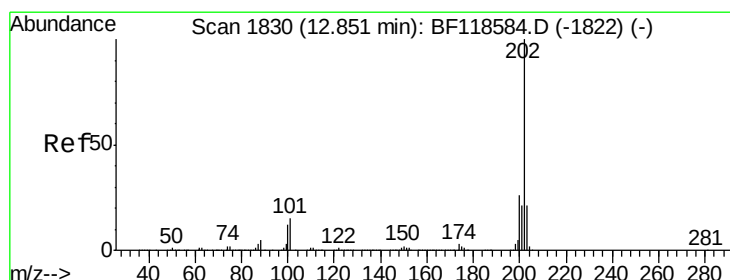
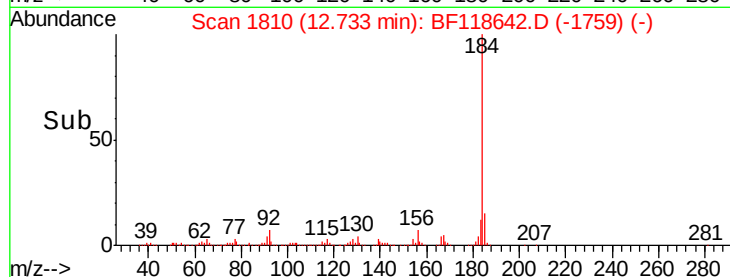
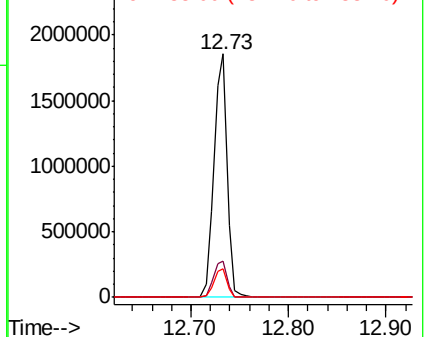
183 12.0 9.6 14.4



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: 49.634 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

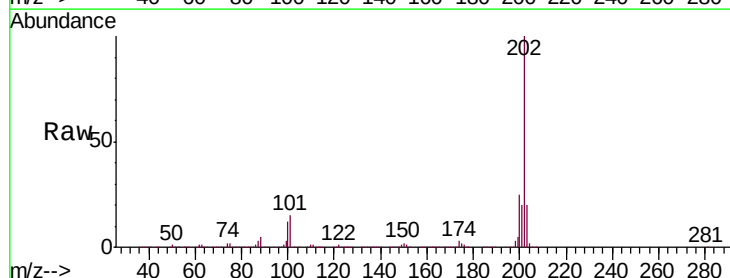
Tgt Ion:202 Resp: 3136765

Ion Ratio Lower Upper

202 100

200 24.7 20.6 31.0

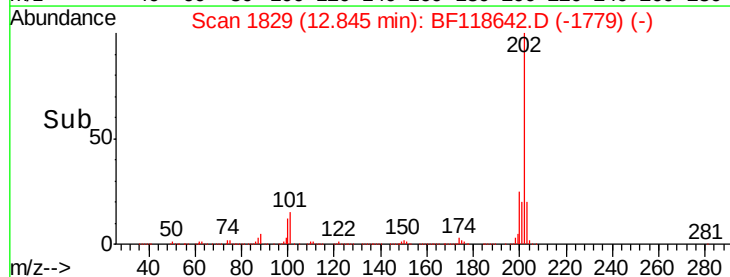
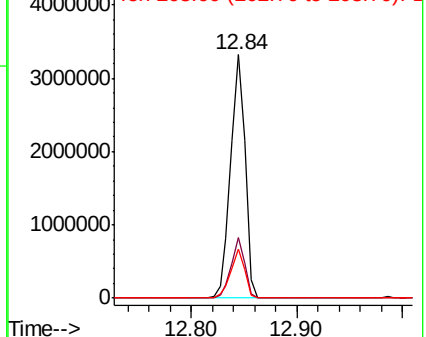
203 20.1 16.8 25.2

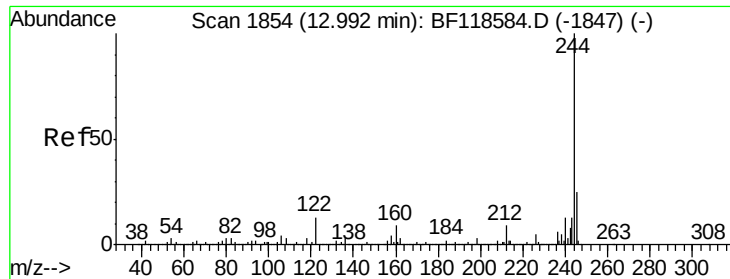


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.315 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

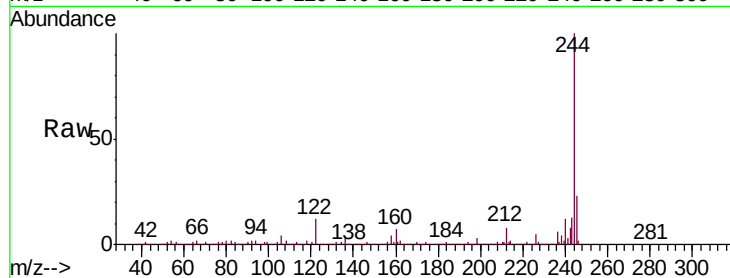
Tgt Ion:244 Resp: 3939917

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

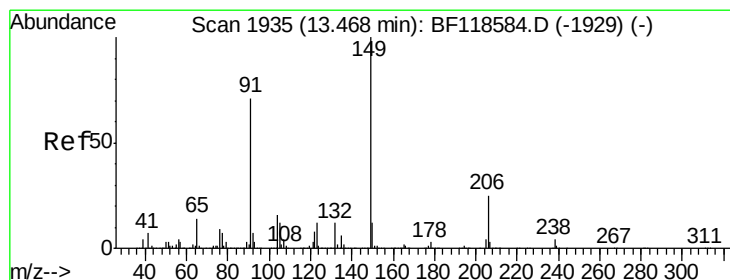
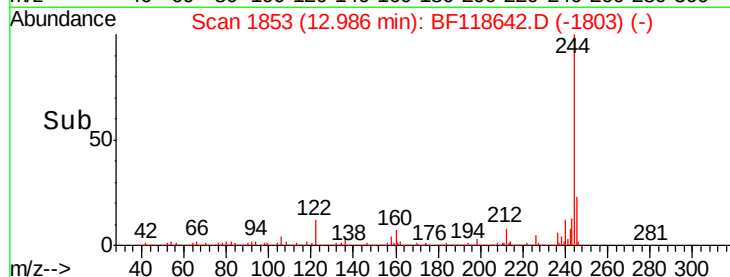
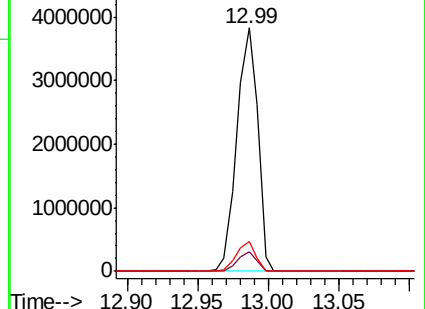
122 12.0 10.7 16.1



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: 50.162 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

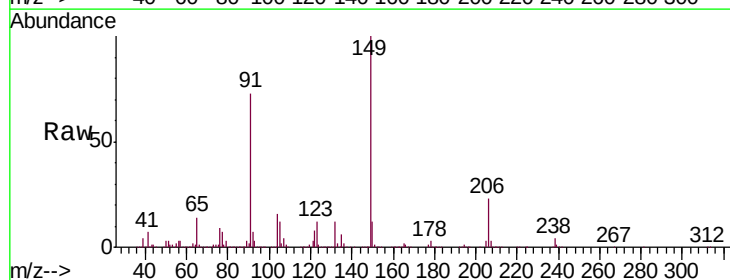
Tgt Ion:149 Resp: 1297410

Ion Ratio Lower Upper

149 100

91 73.3 56.5 84.7

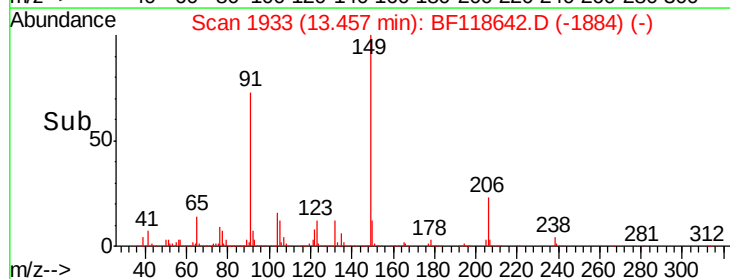
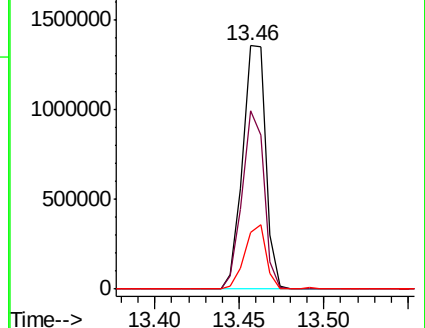
206 23.3 19.9 29.9

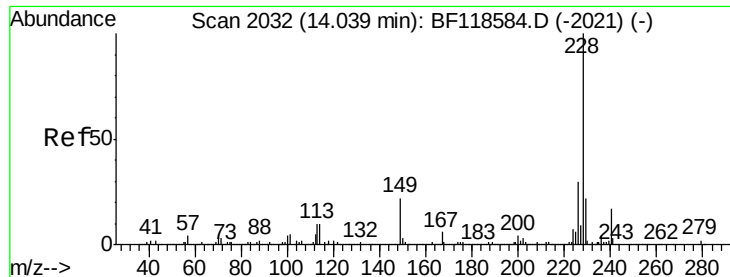


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.337 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

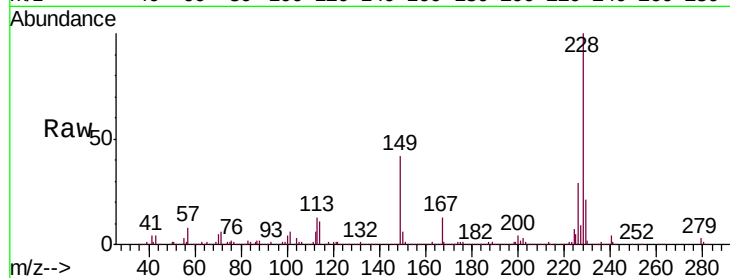
Tgt Ion:228 Resp: 2482747

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

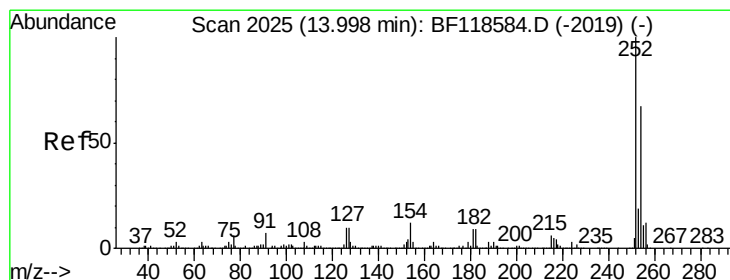
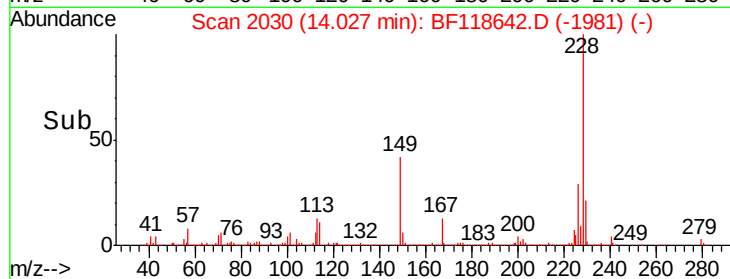
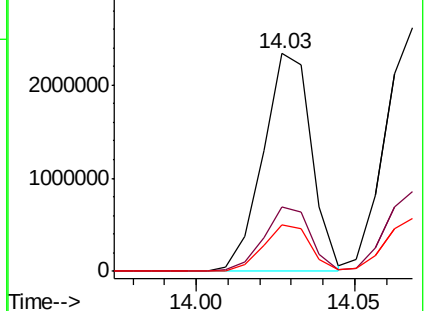
229 21.2 17.6 26.4



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: 26.921 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

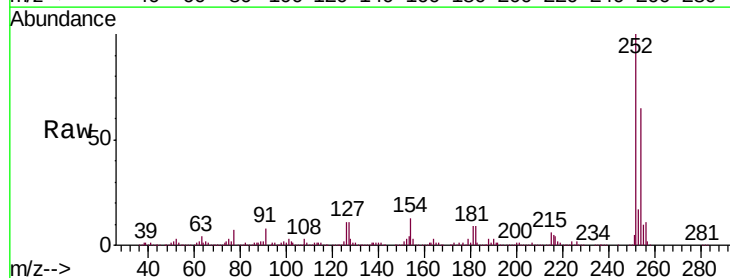
Tgt Ion:252 Resp: 537171

Ion Ratio Lower Upper

252 100

254 65.1 53.4 80.2

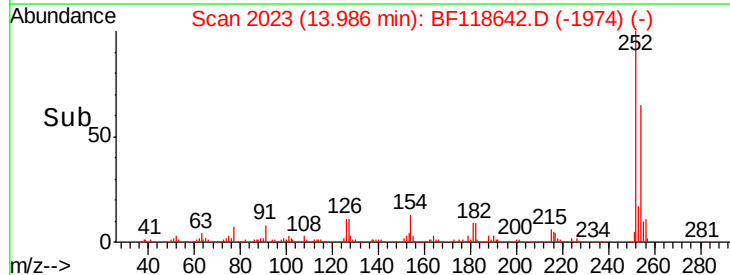
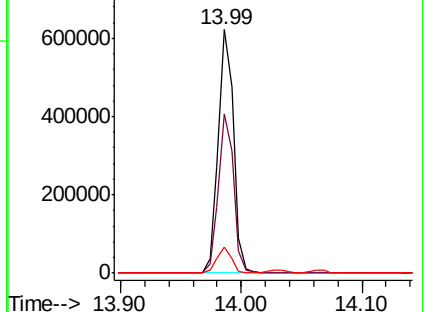
126 10.8 8.0 12.0

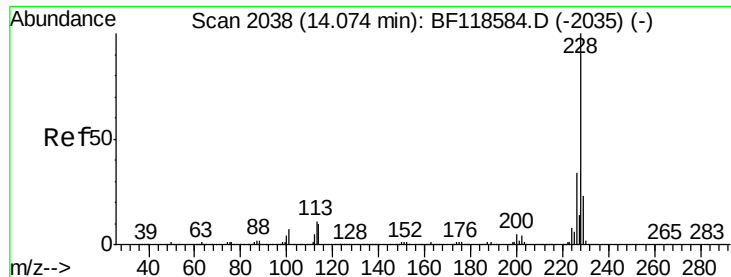


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.532 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

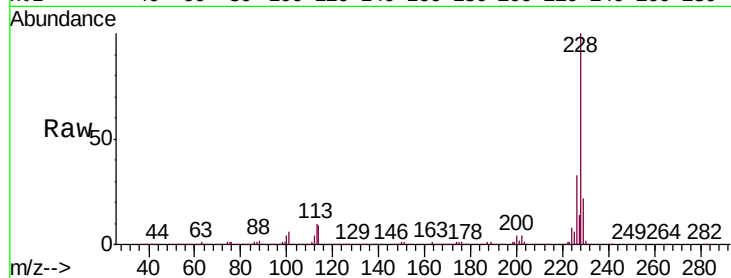
Tgt Ion:228 Resp: 2389925

Ion Ratio Lower Upper

228 100

226 32.7 27.4 41.0

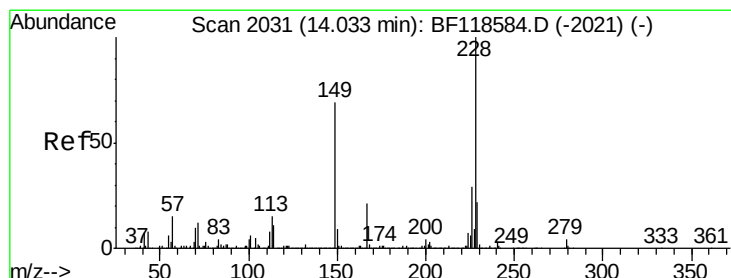
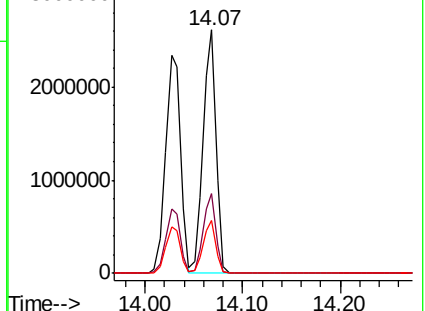
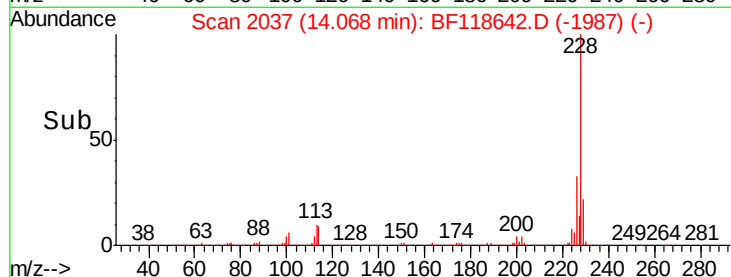
229 21.8 18.3 27.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.345 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

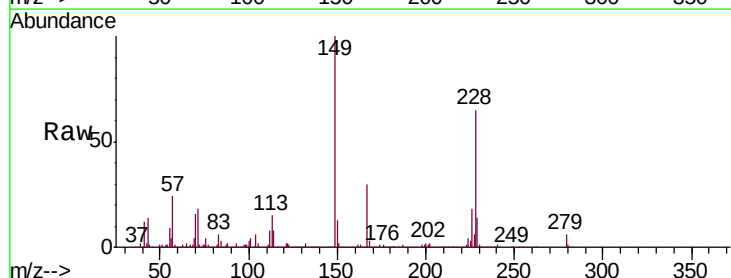
Tgt Ion:149 Resp: 1685677

Ion Ratio Lower Upper

149 100

167 30.0 24.2 36.4

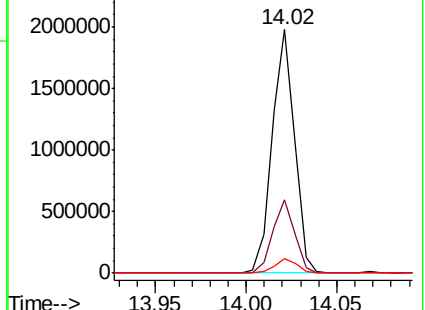
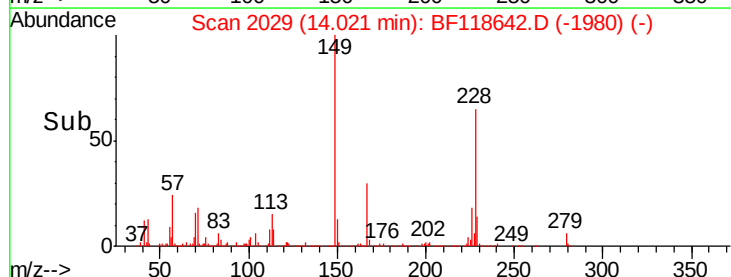
279 5.8 5.0 7.4

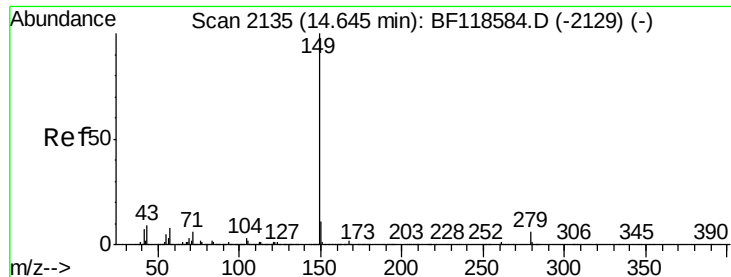


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

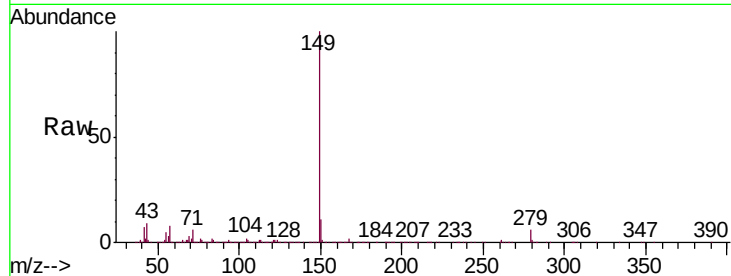




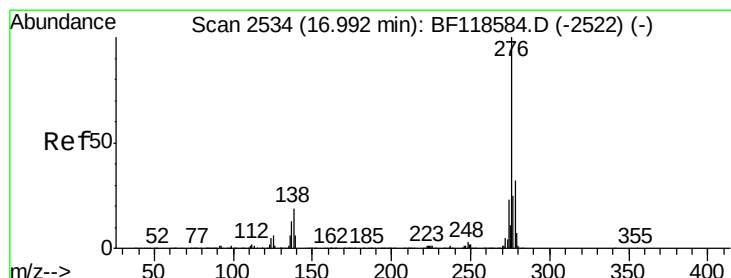
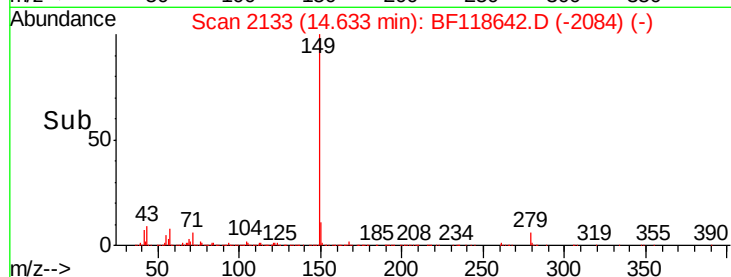
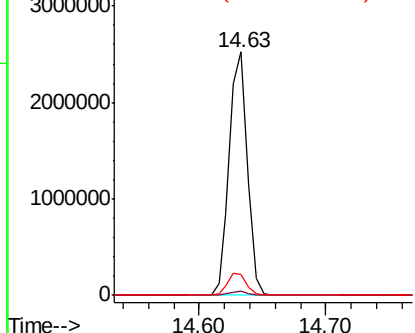
#85
Di-n-octyl phthalate
Concen: 53.107 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tgt Ion:149 Resp: 2483984
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.2 8.1 12.1

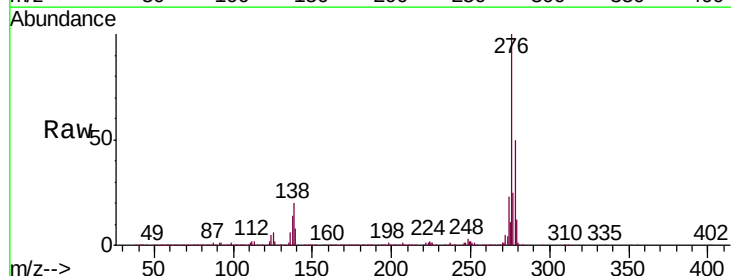


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

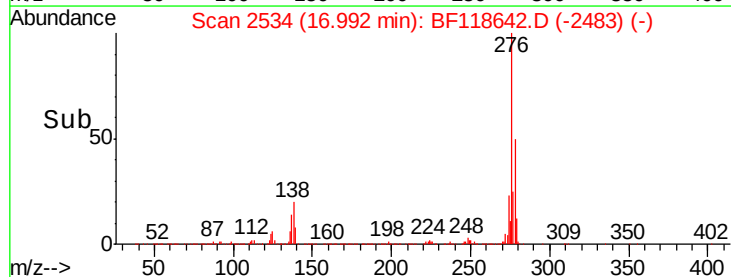
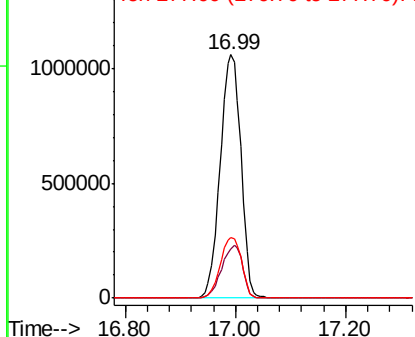


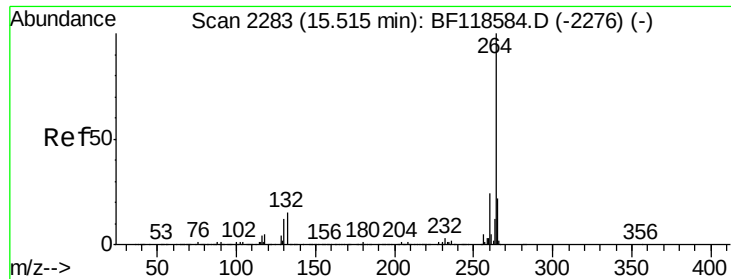
#86
Indeno(1,2,3-cd)pyrene
Concen: 59.957 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:276 Resp: 2795914
Ion Ratio Lower Upper
276 100
138 22.1 17.2 25.8
277 25.7 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

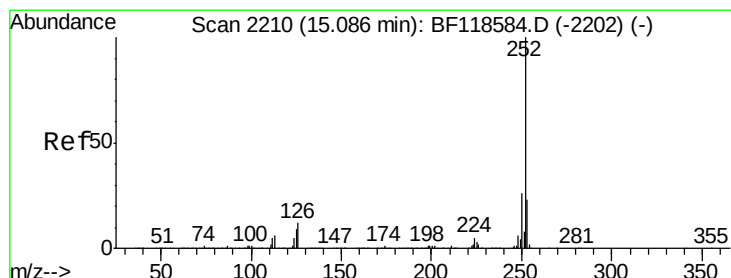
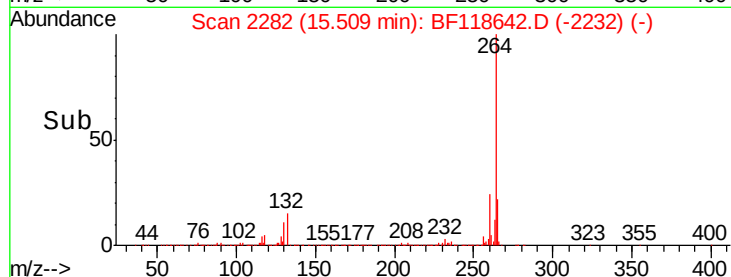
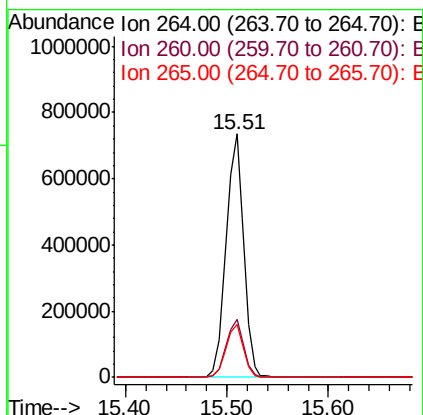
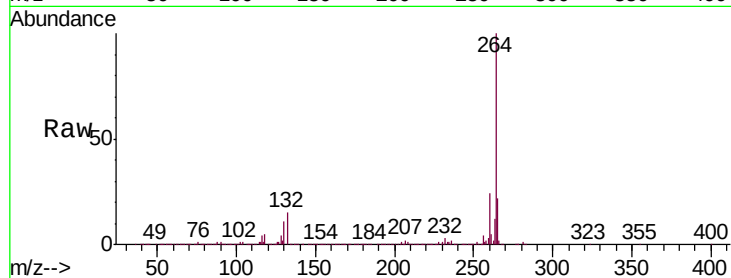




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

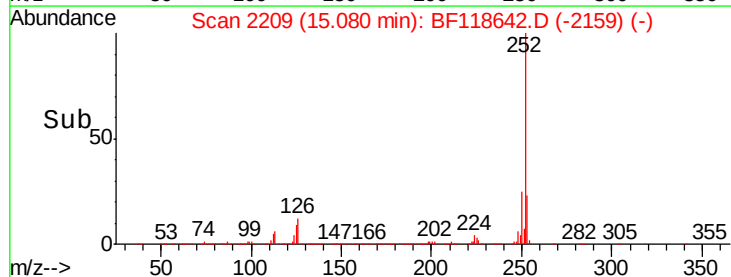
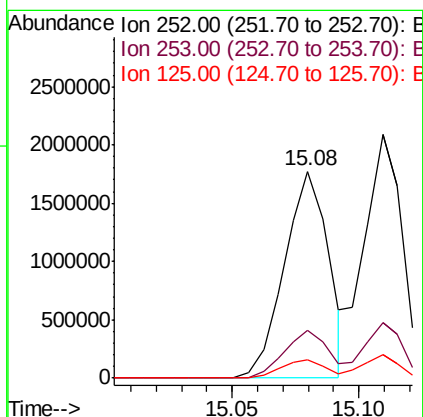
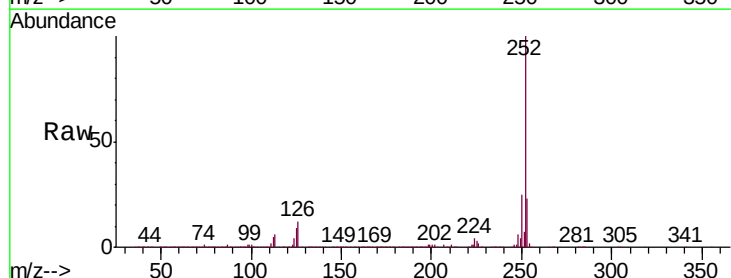
Instrument :
BNA_F
ClientSampleId :
PB126243BS

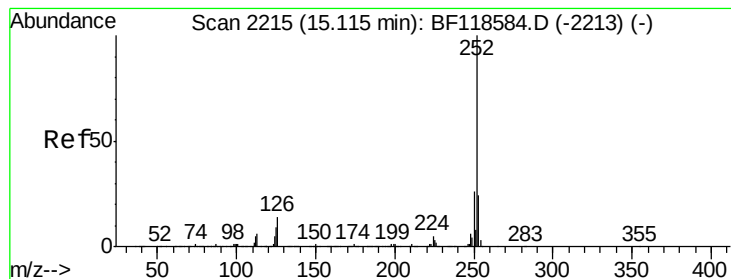
Tgt Ion:264 Resp: 888845
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.8 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 38.374 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:252 Resp: 2143986
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 9.0 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.160 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

Instrument :

BNA_F

ClientSampleId :

PB126243BS

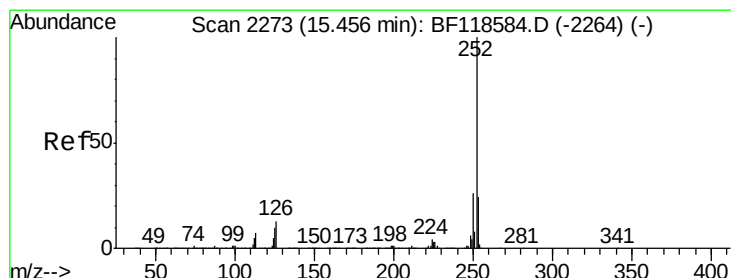
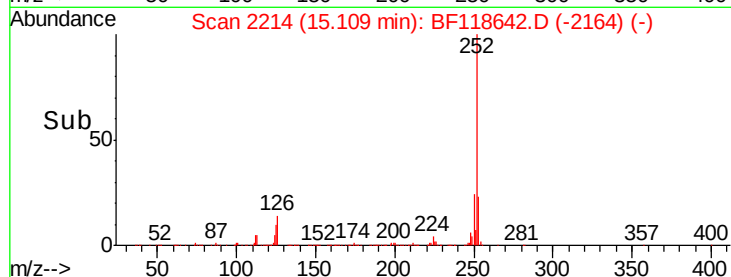
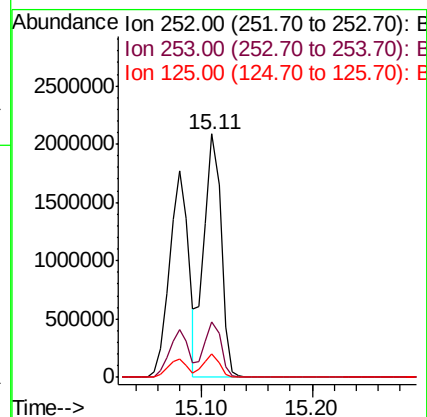
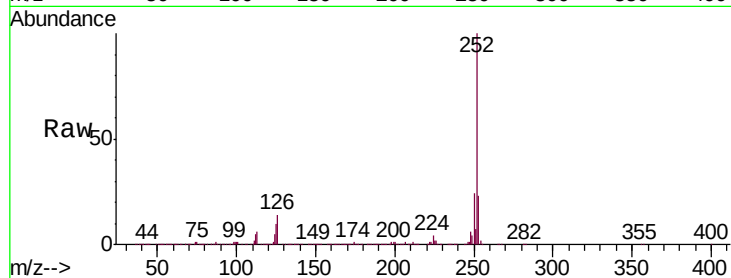
Tgt Ion:252 Resp: 2182279

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.4

125 9.7 7.6 11.4



#90

Benzo(a)pyrene

Concen: 41.350 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF118642.D

Acq: 21 Jan 2020 19:42

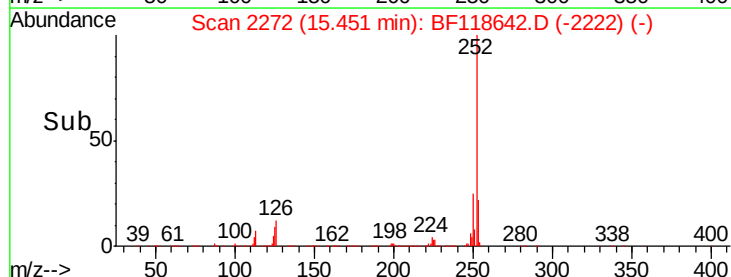
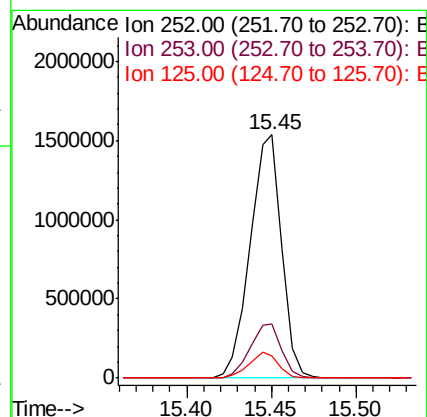
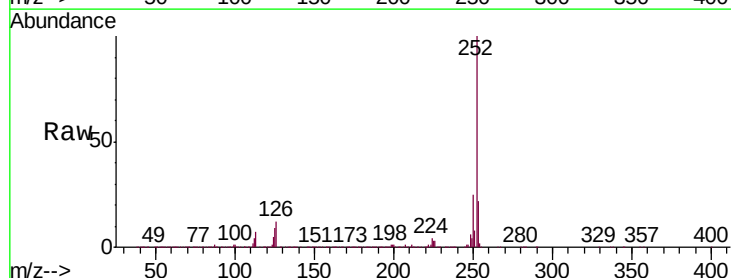
Tgt Ion:252 Resp: 1992882

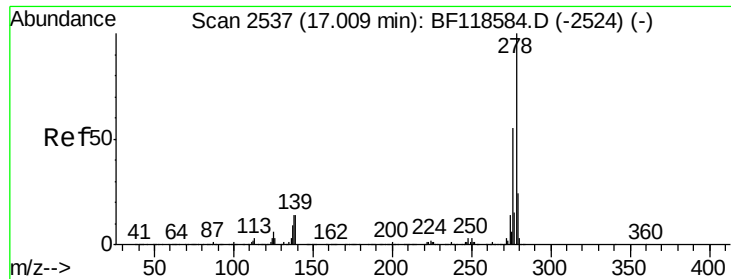
Ion Ratio Lower Upper

252 100

253 22.4 18.8 28.2

125 9.3 7.8 11.6

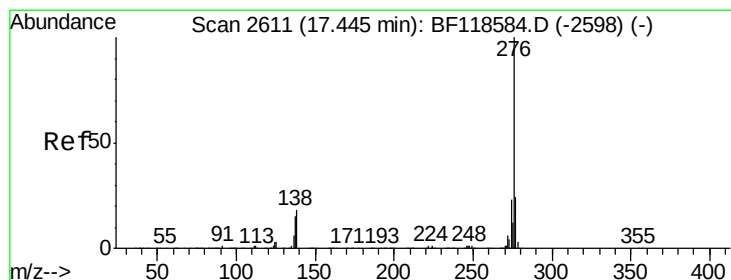
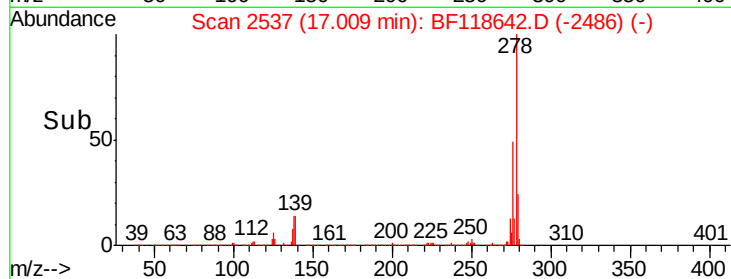
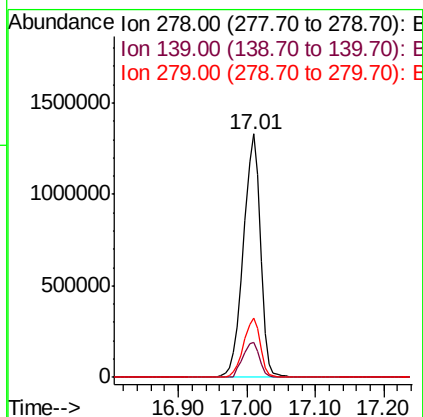
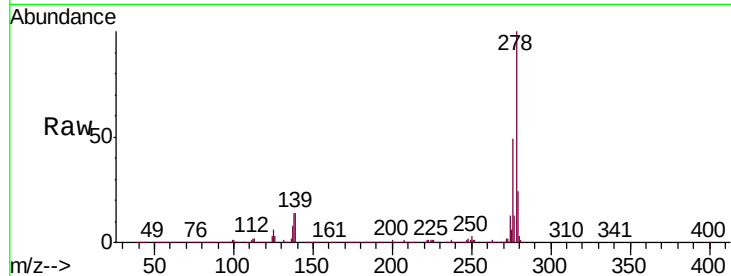




#91
Dibenzo(a,h)anthracene
Concen: 54.126 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Tgt Ion:278 Resp: 2307471
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.0
279 24.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 58.081 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BF118642.D
Acq: 21 Jan 2020 19:42

Tgt Ion:276 Resp: 2404166
Ion Ratio Lower Upper
276 100
277 24.5 18.9 28.3
138 19.1 14.4 21.6

