

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116383.D
 Acq On : 19 Aug 2019 12:13
 Operator : HP/JU
 Sample : PB122287BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

Quant Time: Aug 19 16:16:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120661	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	497539	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	263678	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	452019	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	318093	20.00	ng	-0.01
87) Perylene-d12	15.42	264	257460	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	815141	113.09	ng	0.00
7) Phenol-d6	6.46	99	978491	107.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	634544	73.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	262730	102.77	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1119513	79.53	ng	-0.01
79) Terphenyl-d14	12.90	244	1213489	80.39	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	133393	36.634	ng	99
3) Pyridine	3.39	79	300904	29.583	ng	98
4) n-Nitrosodimethylamine	3.33	42	140949	35.114	ng	97
6) Aniline	6.47	93	353533	27.146	ng	# 81
8) 2-Chlorophenol	6.60	128	337703	42.370	ng	98
9) Benzaldehyde	6.37	77	81476	12.985	ng	97
10) Phenol	6.47	94	424840	39.672	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	326628	41.486	ng	97
12) 1,3-Dichlorobenzene	6.75	146	355973	38.646	ng	99
13) 1,4-Dichlorobenzene	6.82	146	367851	39.885	ng	99
14) 1,2-Dichlorobenzene	6.97	146	340229	40.063	ng	99
15) Benzyl Alcohol	6.96	79	268861	38.958	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	415031	38.647	ng	76
17) 2-Methylphenol	7.07	107	279061	41.350	ng	96
18) Hexachloroethane	7.31	117	131632	38.765	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	234271	41.573	ng	99
20) 3+4-Methylphenols	7.23	107	358869	44.935	ng	# 82
22) Acetophenone	7.22	105	467052	42.803	ng	94
24) Nitrobenzene	7.39	77	375478	40.344	ng	99
25) Isophorone	7.63	82	668462	40.558	ng	98
26) 2-Nitrophenol	7.71	139	183156	41.749	ng	95
27) 2,4-Dimethylphenol	7.75	122	299450	45.369	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	410613	40.195	ng	100
29) 2,4-Dichlorophenol	7.96	162	289371	41.522	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	310071	39.032	ng	99
31) Naphthalene	8.10	128	976257	41.697	ng	99
32) Benzoic acid	7.91	122	153178	32.917	ng	97
33) 4-Chloroaniline	8.16	127	290879	27.806	ng	98
34) Hexachlorobutadiene	8.22	225	173502	37.917	ng	99
35) Caprolactam	8.53	113	40514	17.974	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	297889	41.088	ng	95
37) 2-Methylnaphthalene	8.80	142	639283	41.459	ng	99
38) 1-Methylnaphthalene	8.89	142	602854	41.327	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	296036	41.996	ng	99

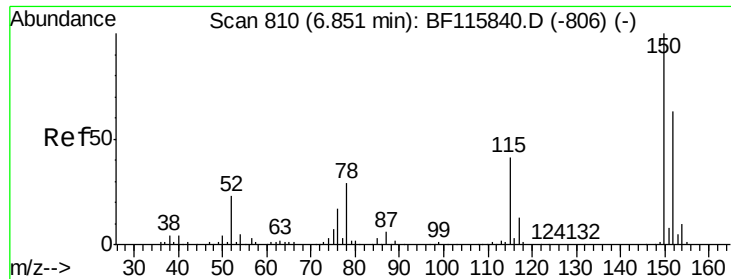
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116383.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	140189	46.942	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	171812	35.410	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	182833	36.453	ng	99
46) 1,1'-Biphenyl	9.26	154	784631	42.149	ng	98
47) 2-Chloronaphthalene	9.29	162	614742	39.677	ng	100
48) 2-Nitroaniline	9.39	65	192873	37.661	ng	100
49) Acenaphthylene	9.70	152	909110	40.219	ng	99
50) Dimethylphthalate	9.56	163	706585	39.356	ng	100
51) 2,6-Dinitrotoluene	9.63	165	157700	40.419	ng	# 89
52) Acenaphthene	9.87	154	556089	40.101	ng	100
53) 3-Nitroaniline	9.80	138	126852	26.313	ng	96
54) 2,4-Dinitrophenol	9.93	184	101425	53.932	ng	98
55) Dibenzofuran	10.05	168	790033	39.176	ng	100
56) 4-Nitrophenol	9.99	139	182059	58.951	ng	95
57) 2,4-Dinitrotoluene	10.04	165	194427	37.428	ng	# 88
58) Fluorene	10.39	166	645901	41.629	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	156193	37.015	ng	99
60) Diethylphthalate	10.26	149	669868	39.964	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	324001	41.233	ng	97
62) 4-Nitroaniline	10.42	138	148720	29.851	ng	99
63) Azobenzene	10.53	77	697742	40.471	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	94538	39.466	ng	89
66) n-Nitrosodiphenylamine	10.49	169	571470	42.003	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	194728	40.243	ng	98
68) Hexachlorobenzene	10.94	284	218863	39.115	ng	99
69) Atrazine	11.02	200	167017	37.315	ng	98
70) Pentachlorophenol	11.15	266	131576	48.435	ng	98
71) Phenanthrene	11.35	178	942633	40.792	ng	99
72) Anthracene	11.40	178	964476	41.241	ng	99
73) Carbazole	11.56	167	870178	41.013	ng	99
74) Di-n-butylphthalate	11.87	149	1038520	41.959	ng	99
75) Fluoranthene	12.54	202	983941	40.672	ng	99
77) Benzidine	12.66	184	210890	19.624	ng	98
78) Pyrene	12.77	202	1002755	41.819	ng	100
80) Butylbenzylphthalate	13.37	149	432816	42.672	ng	98
81) Benzo(a)anthracene	13.96	228	807104	39.697	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	250755	35.500	ng	100
83) Chrysene	13.99	228	801842	40.623	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	590449	44.797	ng	98
85) Di-n-octyl phthalate	14.53	149	936592	44.737	ng	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	667232	40.247	ng	99
88) Benzo(b)fluoranthene	15.00	252	768111	51.597	ng	99
89) Benzo(k)fluoranthene	15.03	252	665858	45.922	ng	99
90) Benzo(a)pyrene	15.36	252	671217	50.439	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	570783	49.551	ng	99
92) Benzo(g,h,i)perylene	17.32	276	560293	49.527	ng	99

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

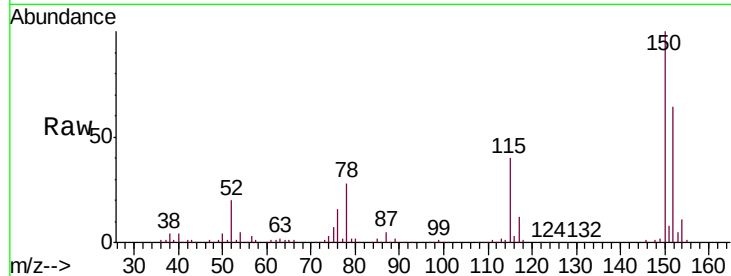


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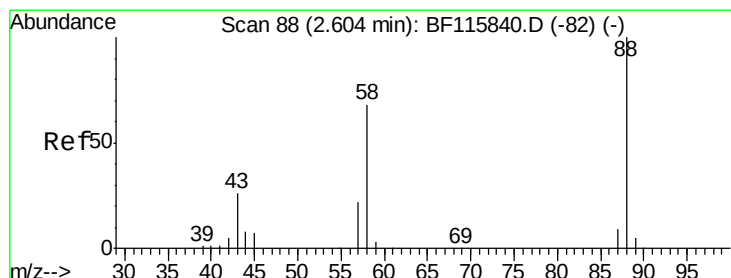
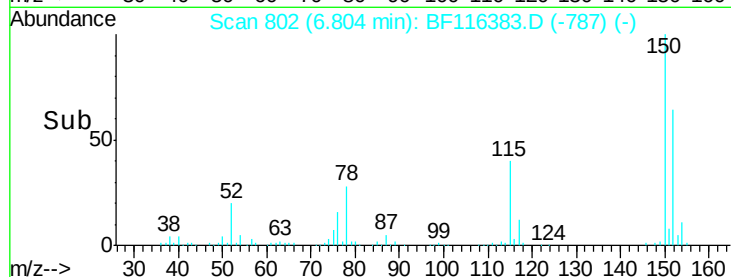
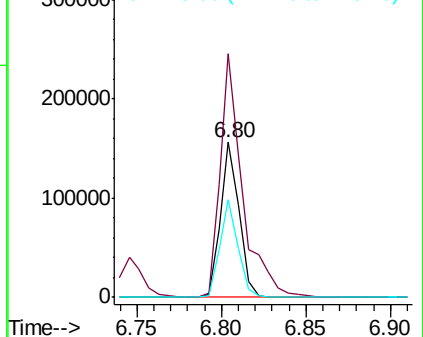
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB122287BS

Tgt Ion: 152 Resp: 120661
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 62.8 49.9 74.9



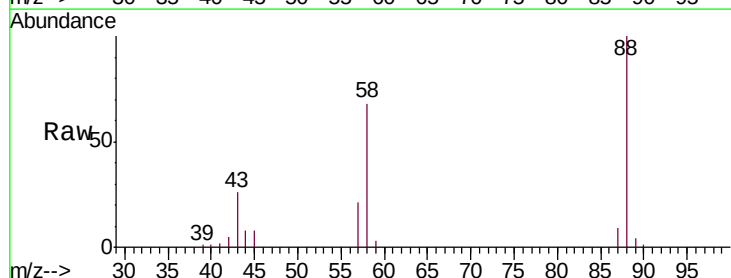
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



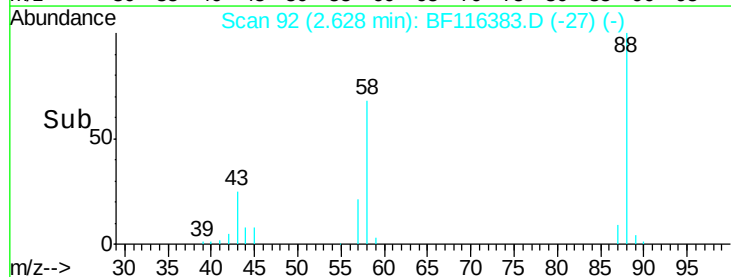
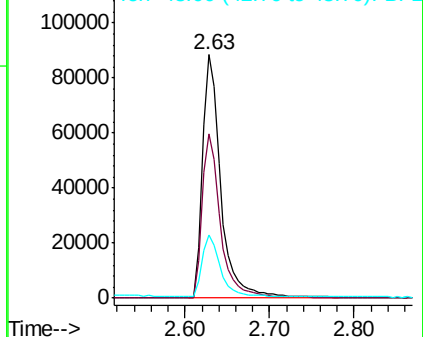
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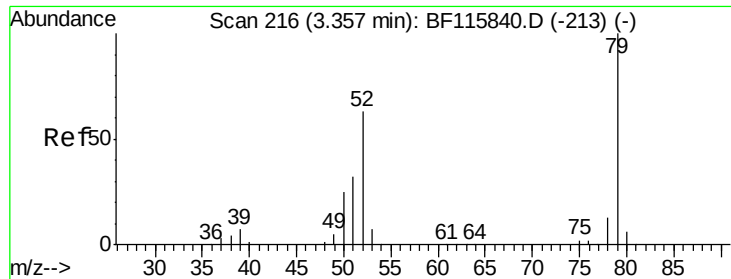
1,4-Dioxane
Concen: 36.634 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.08 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion: 88 Resp: 133393
Ion Ratio Lower Upper
88 100
58 67.7 53.7 80.5
43 24.8 21.0 31.4



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

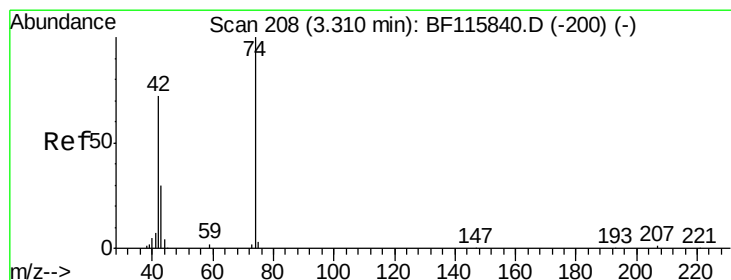
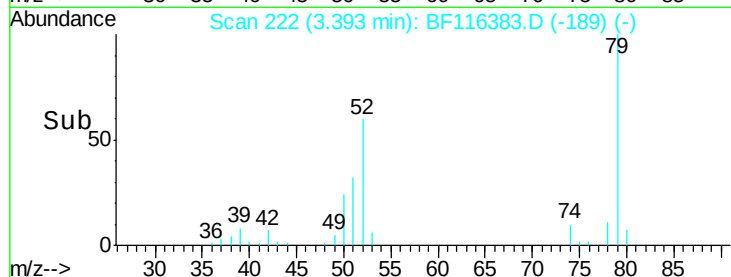
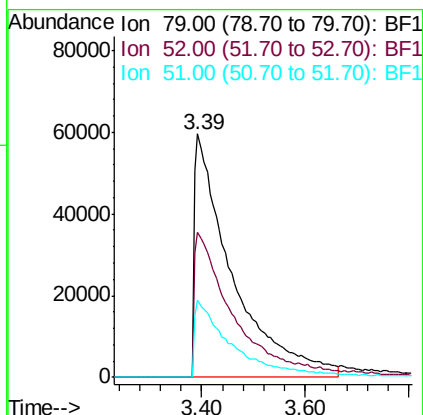
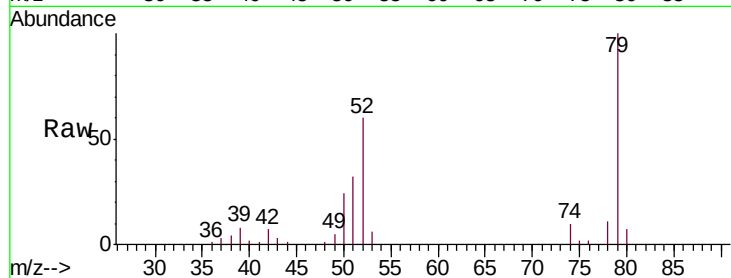




#3
 Pyridine
 Concen: 29.583 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.09 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

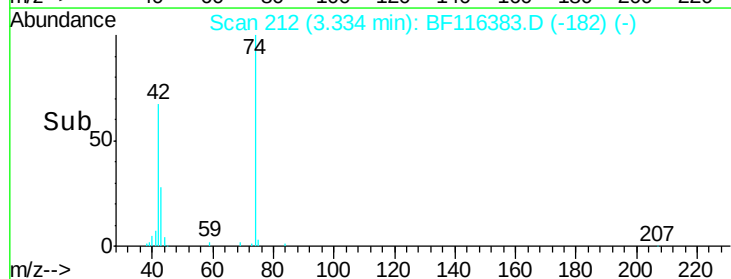
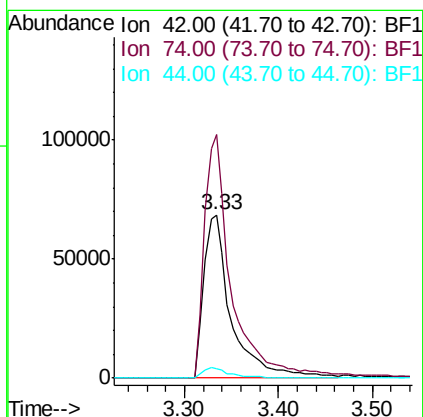
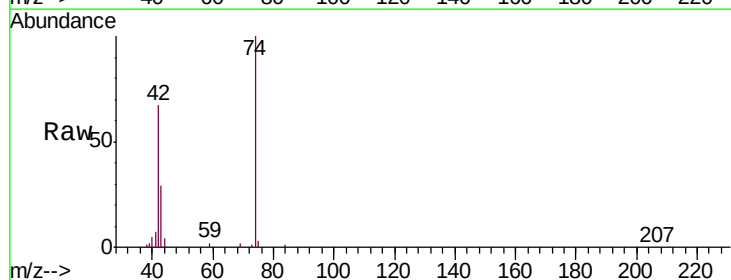
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

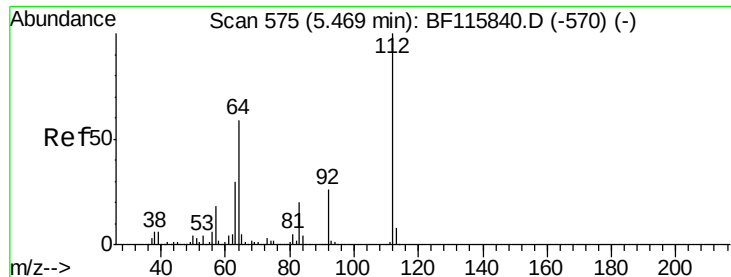
Tgt Ion: 79 Resp: 300904
 Ion Ratio Lower Upper
 79 100
 52 59.5 49.8 74.8
 51 31.6 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 35.114 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion: 42 Resp: 140949
 Ion Ratio Lower Upper
 42 100
 74 149.4 116.0 174.0
 44 6.1 4.6 7.0





#5

2-Fluorophenol

Concen: 113.093 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

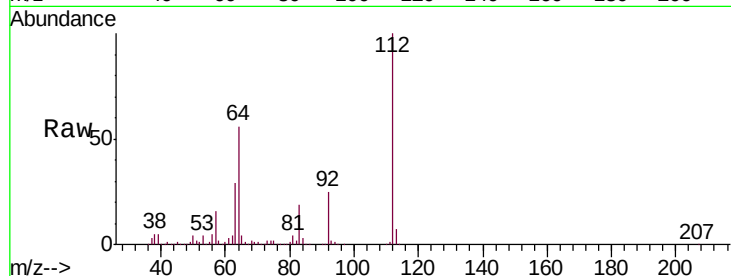
Tgt Ion: 112 Resp: 815141

Ion Ratio Lower Upper

112 100

64 55.6 45.4 68.2

63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

800000

600000

400000

200000

0

5.40

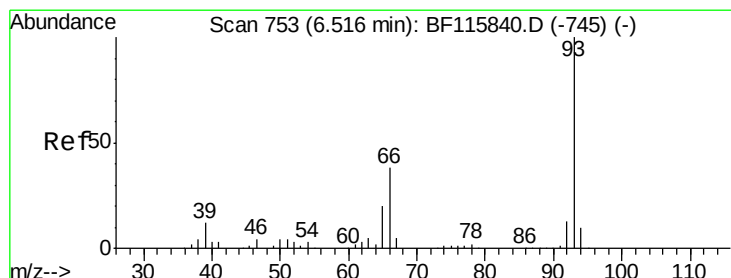
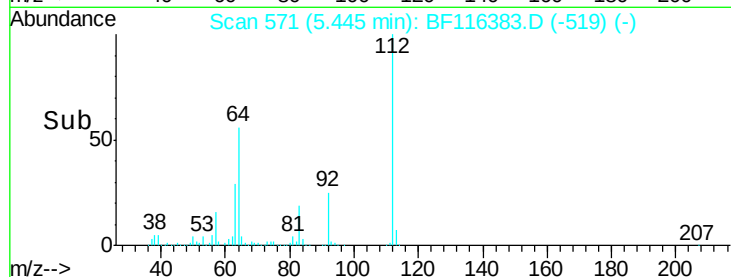
5.45

5.50

5.55

5.60

Time-->



#6

Aniline

Concen: 27.146 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

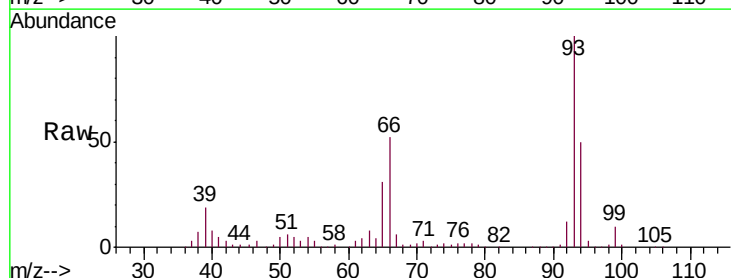
Tgt Ion: 93 Resp: 353533

Ion Ratio Lower Upper

93 100

66 52.2 32.2 48.4#

65 30.6 17.0 25.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

500000

400000

300000

200000

100000

0

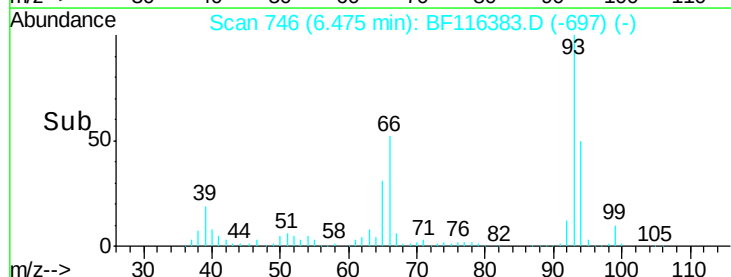
6.40

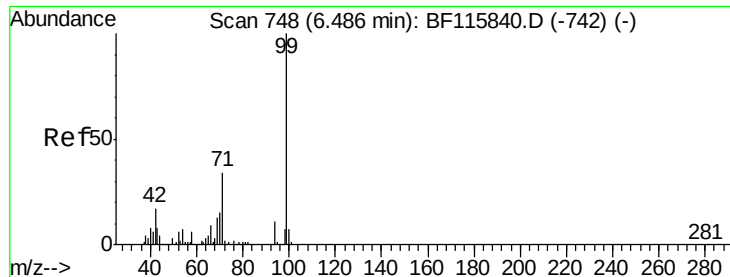
6.45

6.50

6.55

Time-->





#7

Phenol-d6

Concen: 107.600 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

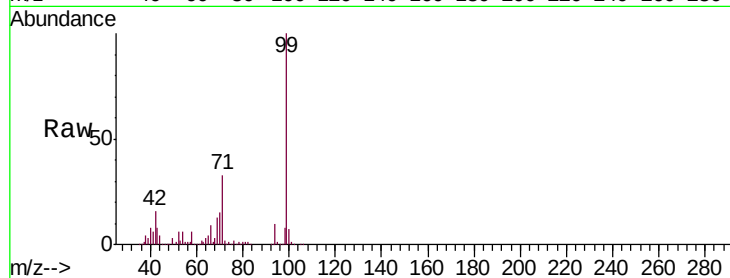
Tgt Ion: 99 Resp: 978491

Ion Ratio Lower Upper

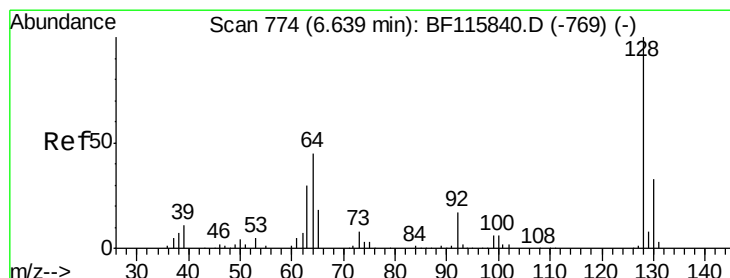
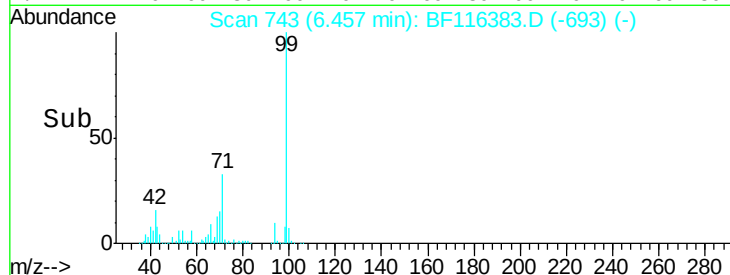
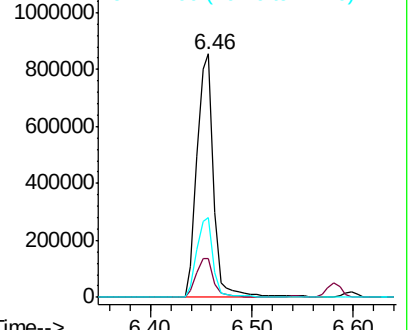
99 100

42 16.2 13.8 20.8

71 33.0 27.3 40.9



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: 42.370 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

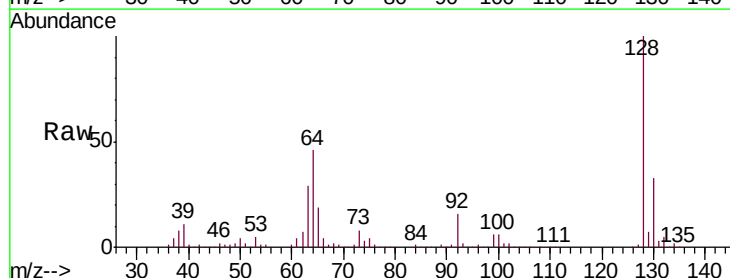
Tgt Ion: 128 Resp: 337703

Ion Ratio Lower Upper

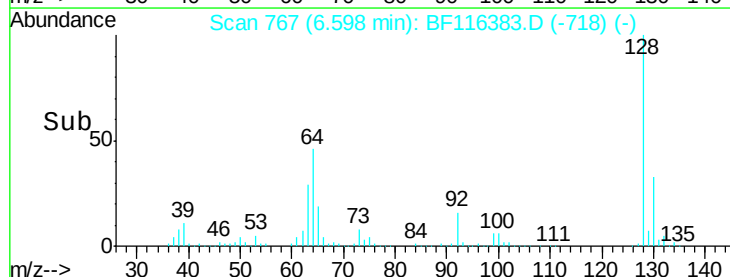
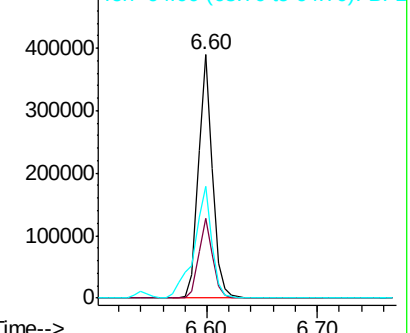
128 100

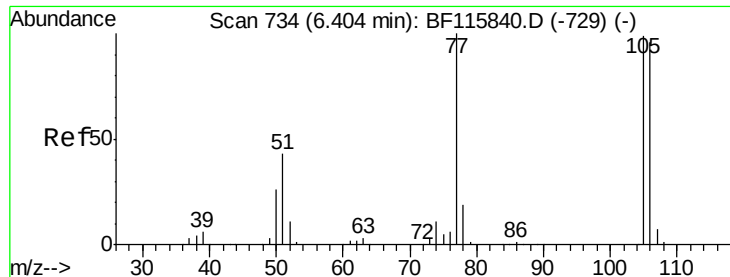
130 32.8 12.9 52.9

64 46.1 24.3 64.3



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





#9

Benzaldehyde

Concen: 12.985 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

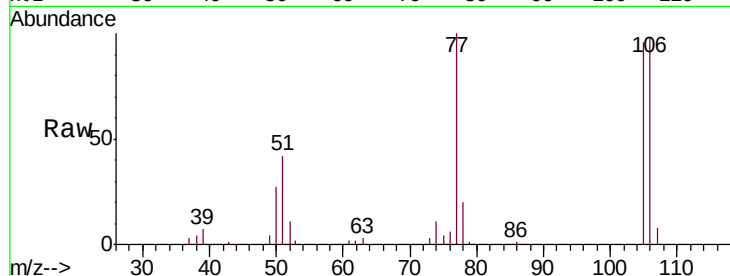
Tgt Ion: 77 Resp: 81476

Ion Ratio Lower Upper

77 100

105 96.2 79.2 119.2

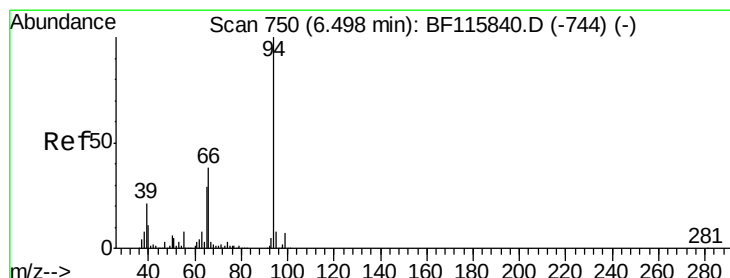
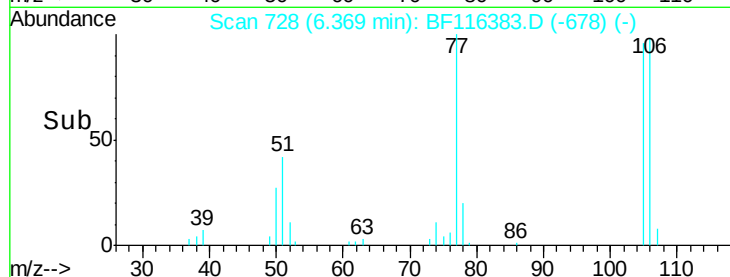
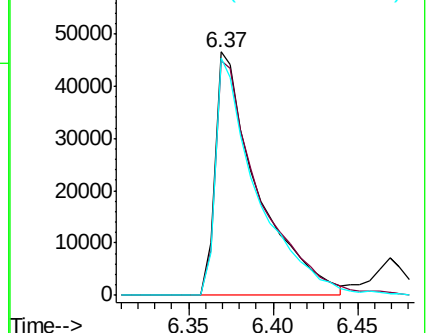
106 97.7 74.3 114.3



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: 39.672 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

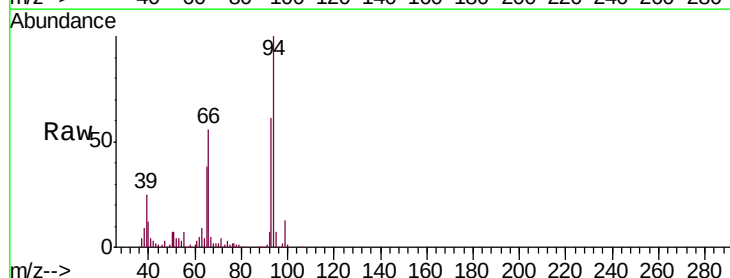
Tgt Ion: 94 Resp: 424840

Ion Ratio Lower Upper

94 100

65 37.6 16.8 56.8

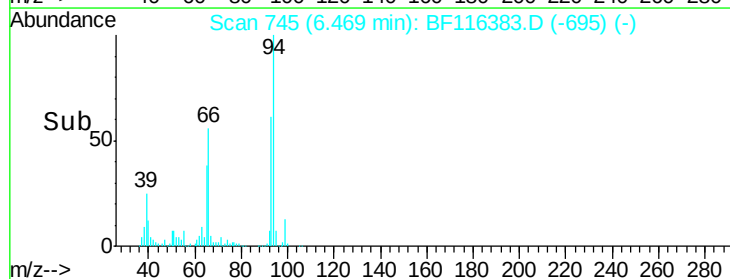
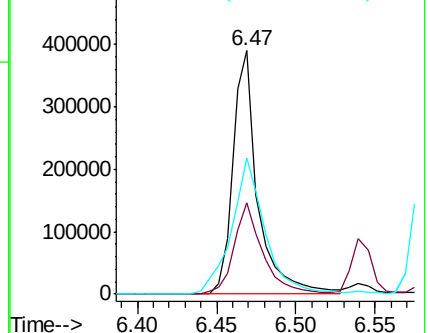
66 56.0 34.2 74.2

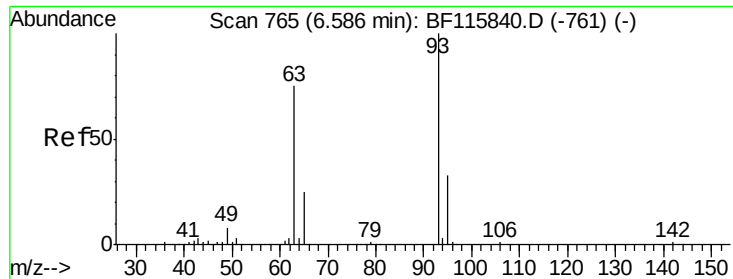


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.486 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

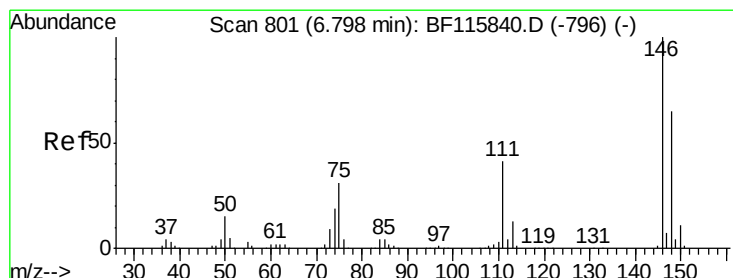
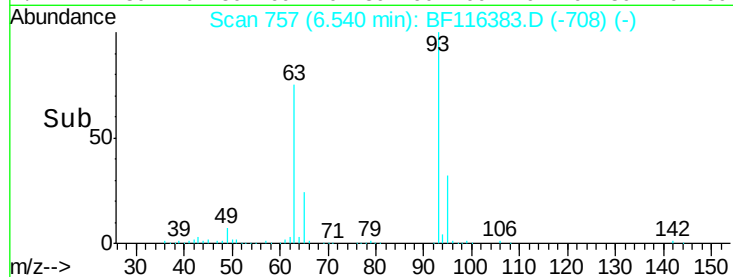
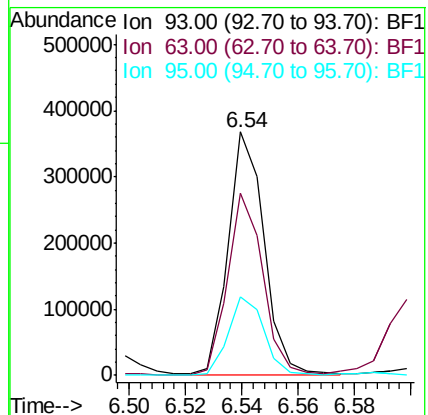
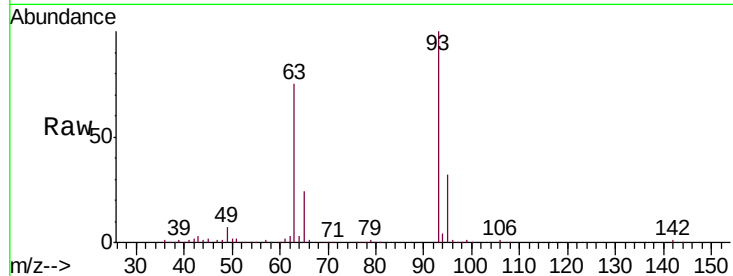
Tgt Ion: 93 Resp: 326628

Ion Ratio Lower Upper

93 100

63 74.7 51.9 91.9

95 32.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 38.646 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

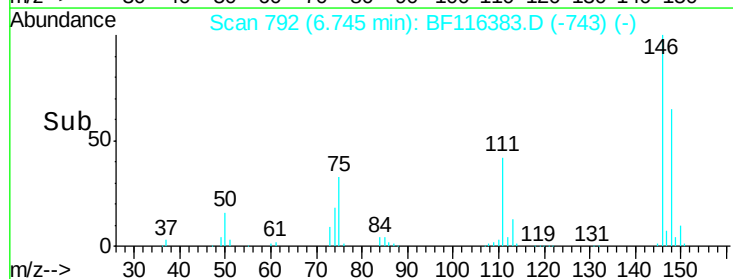
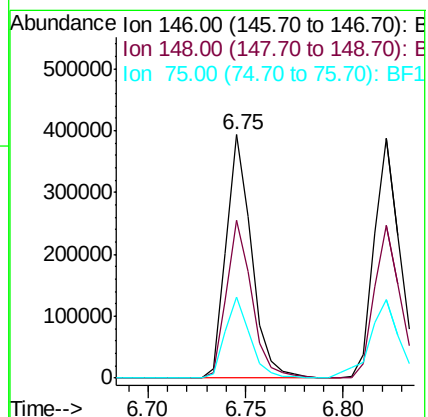
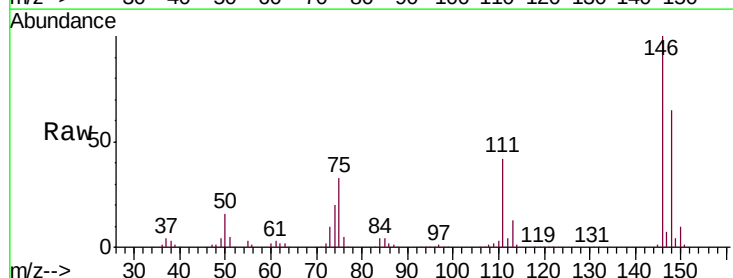
Tgt Ion: 146 Resp: 355973

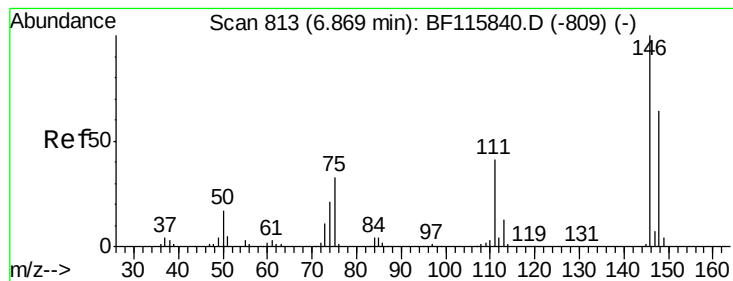
Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

75 33.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.885 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleID :

PB122287BS

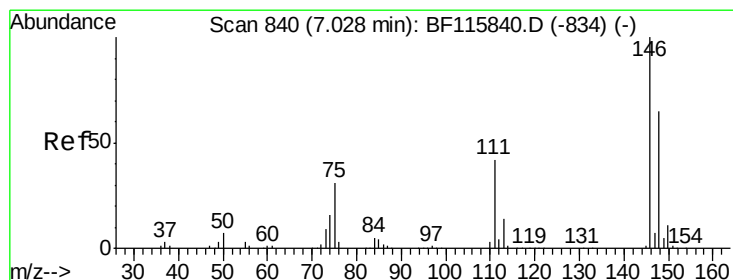
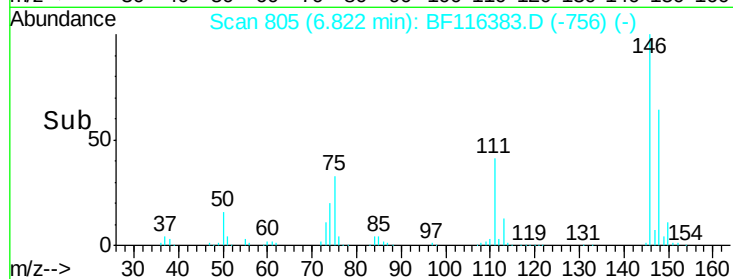
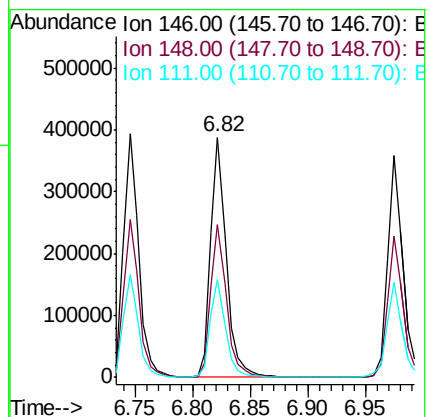
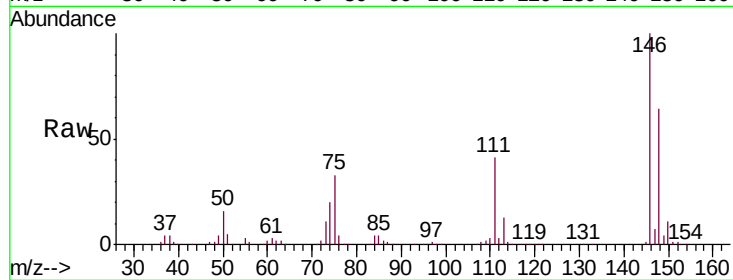
Tgt Ion:146 Resp: 367851

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 40.6 34.0 51.0



#14

1,2-Dichlorobenzene

Concen: 40.063 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

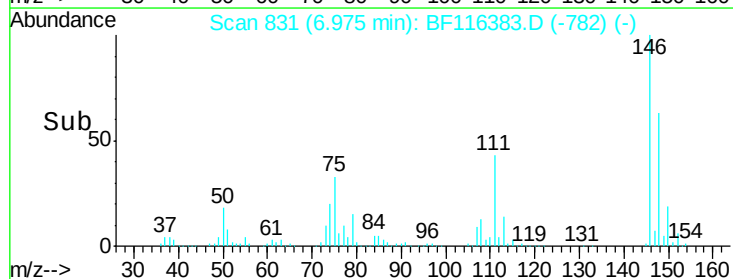
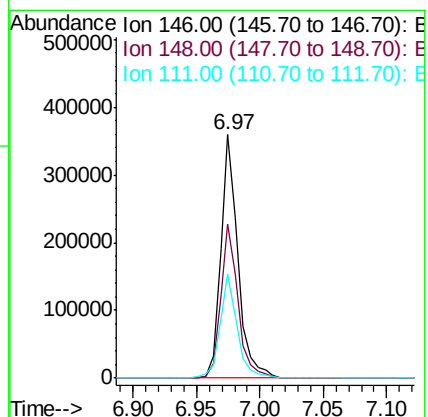
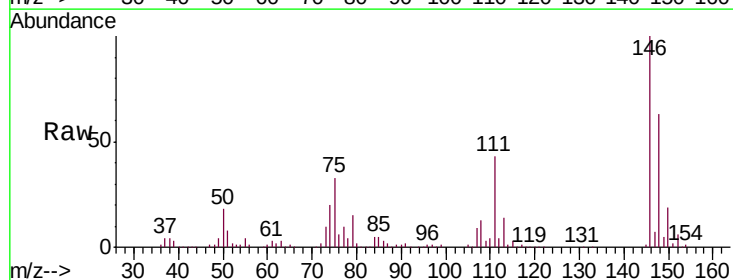
Tgt Ion:146 Resp: 340229

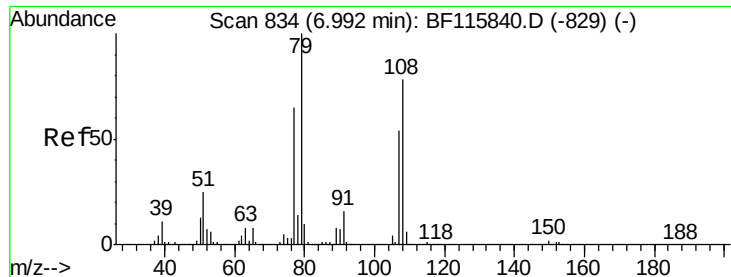
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

111 42.8 33.5 50.3





#15

Benzyl Alcohol

Concen: 38.958 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

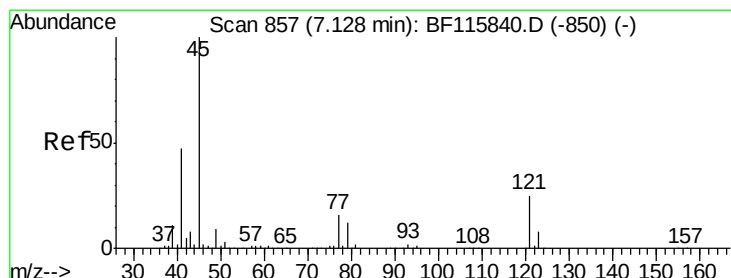
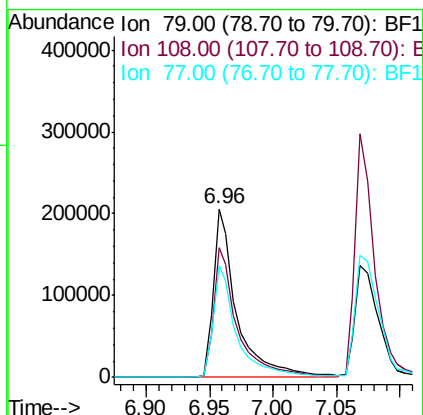
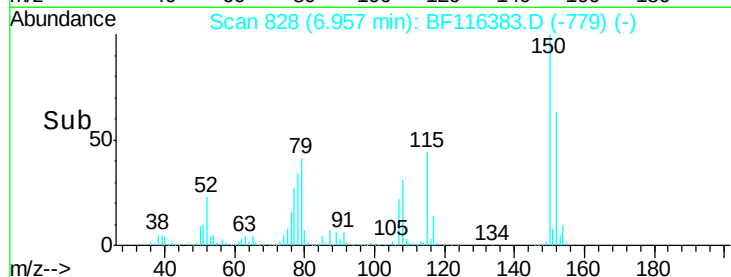
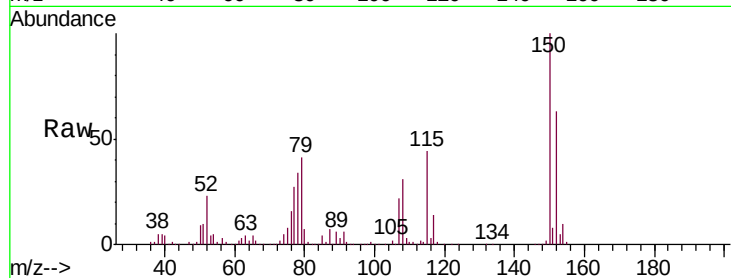
Tgt Ion: 79 Resp: 268861

Ion Ratio Lower Upper

79 100

108 77.0 62.7 94.1

77 66.7 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.647 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

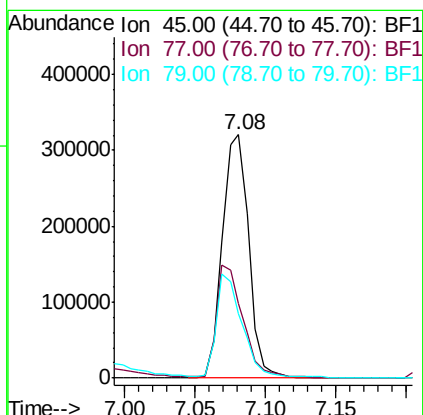
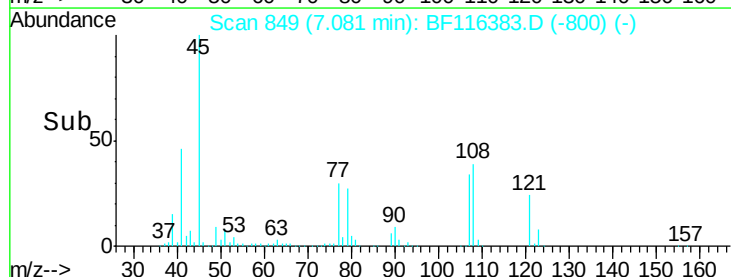
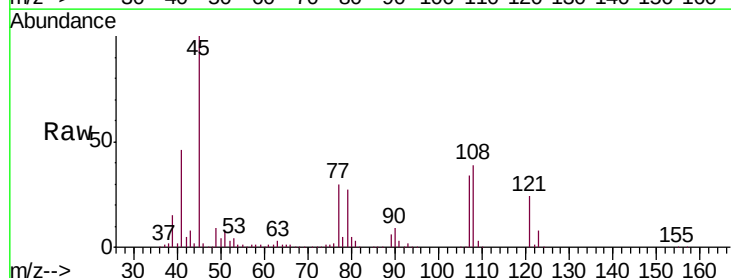
Tgt Ion: 45 Resp: 415031

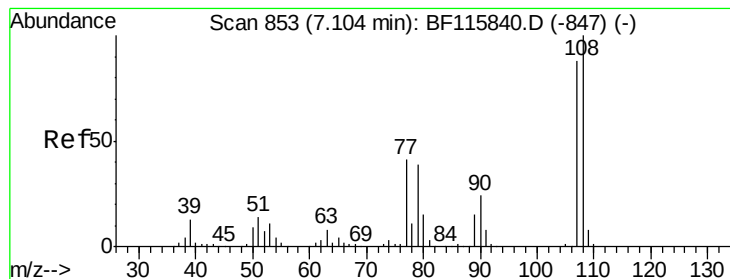
Ion Ratio Lower Upper

45 100

77 30.5 0.0 40.0

79 26.7 0.0 35.9





#17

2-Methylphenol

Concen: 41.350 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

Tgt Ion:107 Resp: 279061

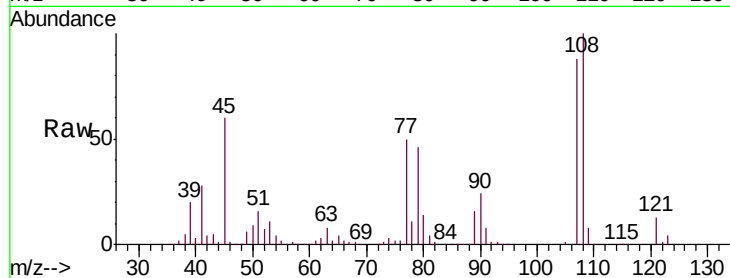
Ion Ratio Lower Upper

107 100

108 114.3 91.2 136.8

77 57.4 40.3 60.5

79 52.4 37.6 56.4

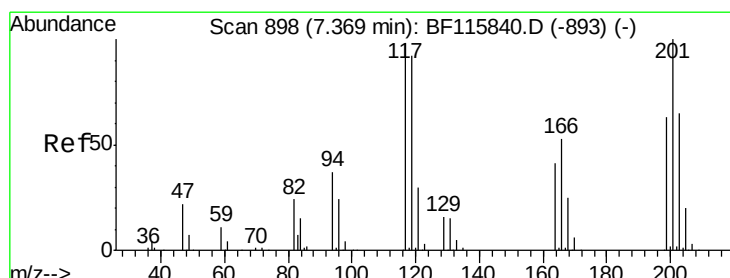
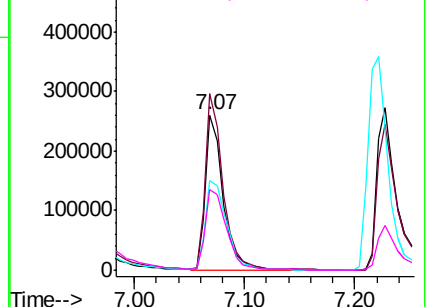
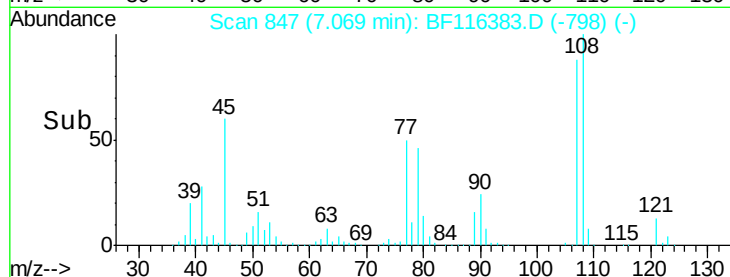


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.765 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

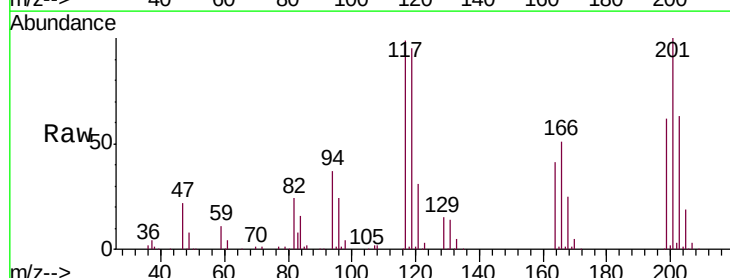
Tgt Ion:117 Resp: 131632

Ion Ratio Lower Upper

117 100

119 96.8 76.1 114.1

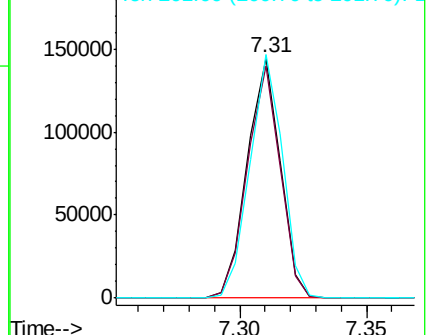
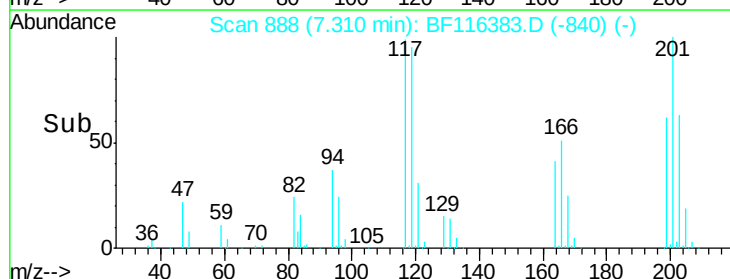
201 101.4 77.0 115.4

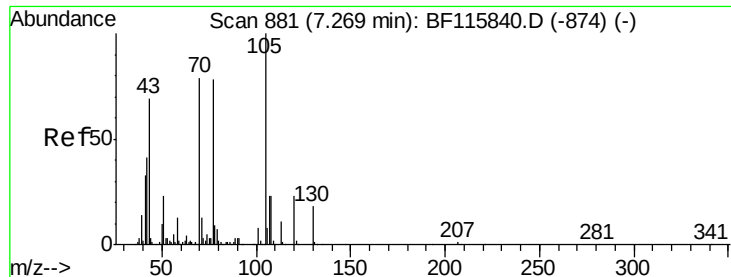


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

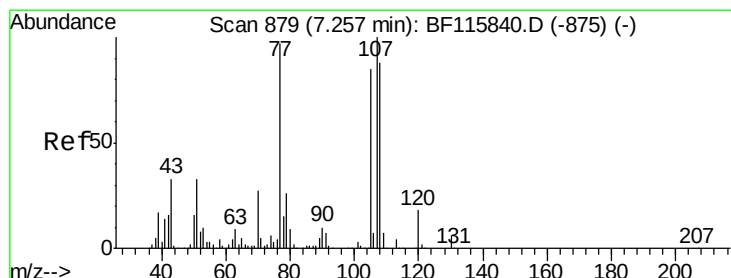
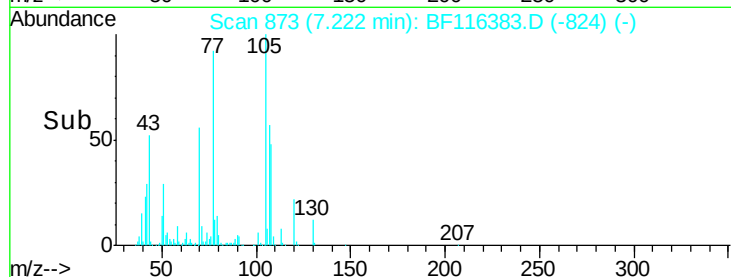
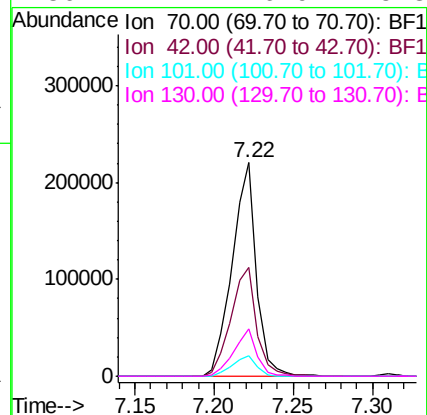
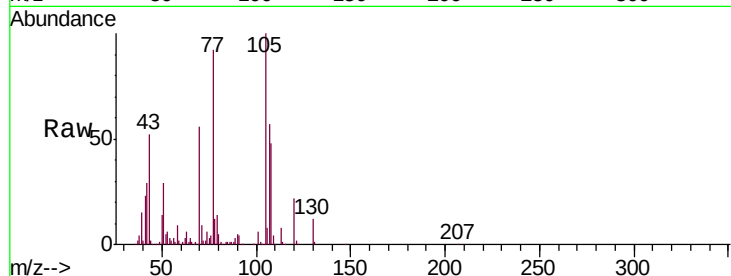




#19
n-Nitroso-di-n-propylamine
Concen: 41.573 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

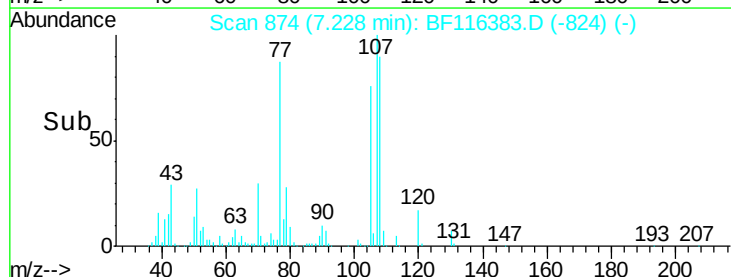
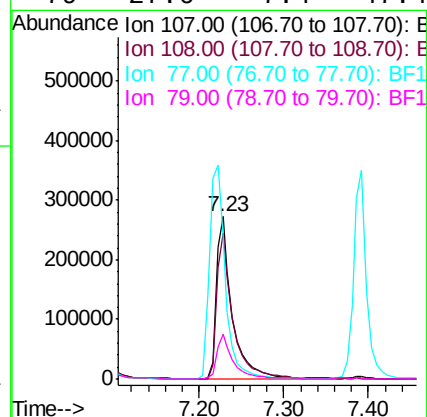
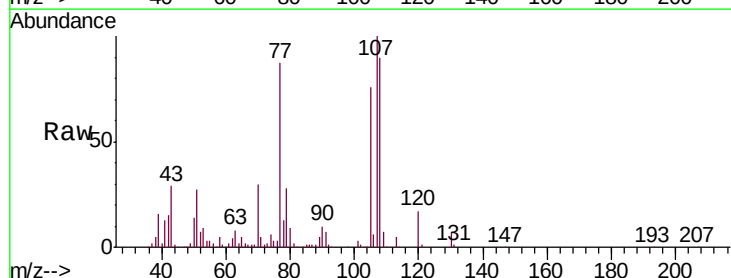
Instrument :
BNA_F
ClientSampleId :
PB122287BS

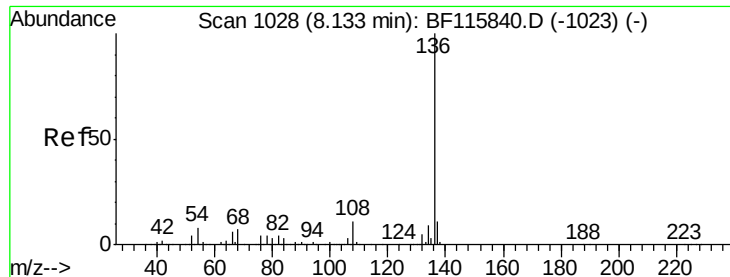
Tgt Ion:	70	Resp:	234271
Ion	Ratio	Lower	Upper
70	100		
42	51.2	40.9	61.3
101	9.8	7.9	11.9
130	22.1	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.935 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion:	107	Resp:	358869
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.6	107.6
77	87.4	104.4	144.4#
79	27.6	7.4	47.4

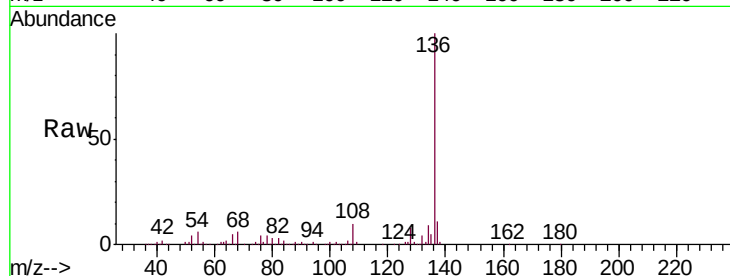




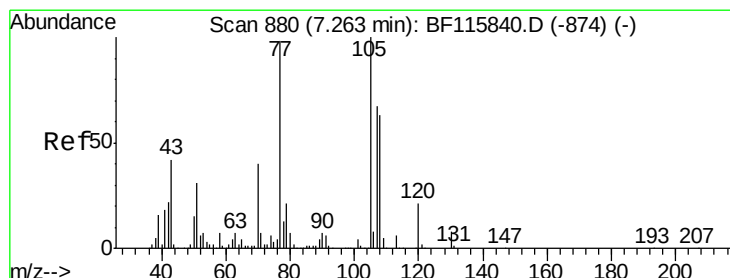
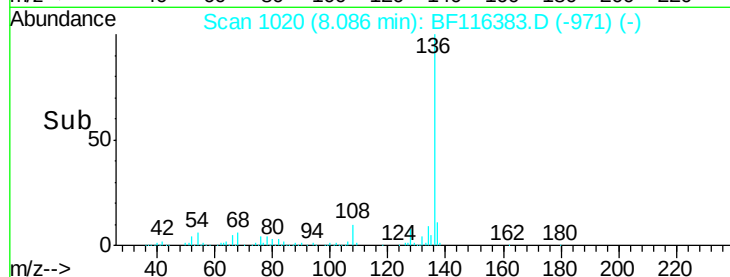
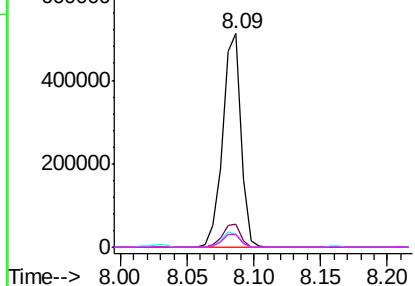
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB122287BS

Tgt Ion:	136	Resp:	497539
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.3	5.8	8.6
68	5.8	5.2	7.8

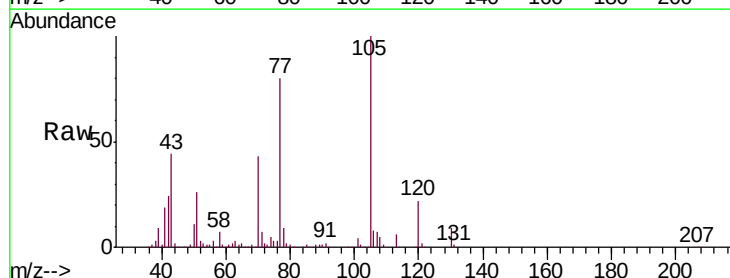


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

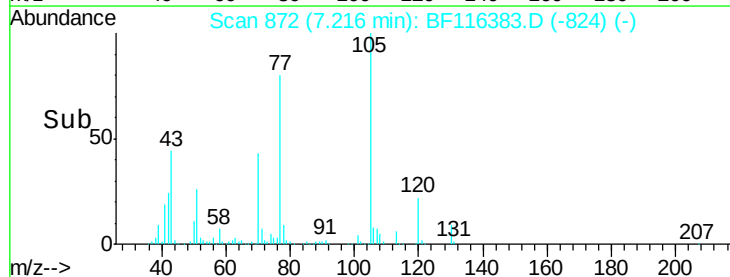
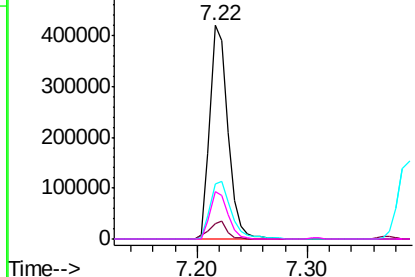


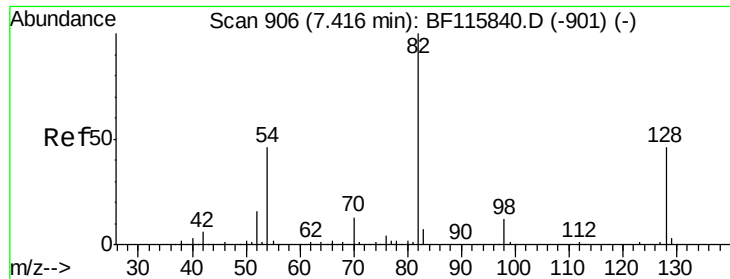
#22
Acetophenone
Concen: 42.803 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion:	105	Resp:	467052
Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.9	8.9
51	25.6	25.3	37.9
120	21.9	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

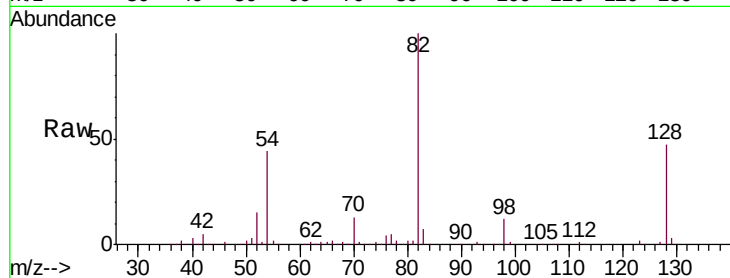




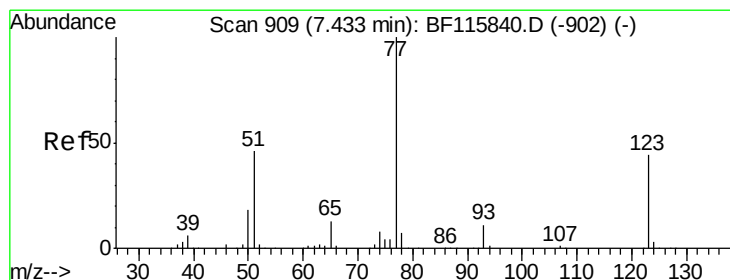
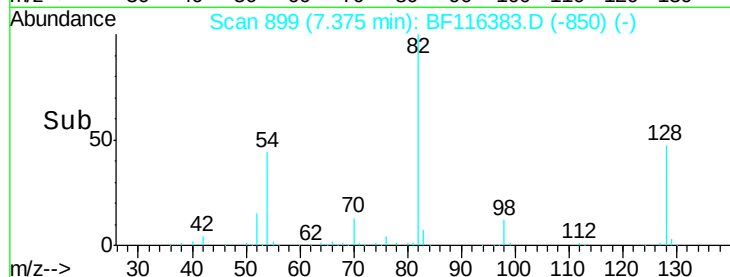
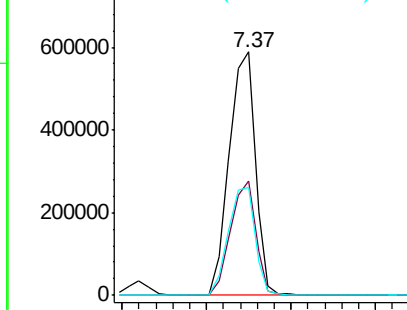
#23
 Nitrobenzene-d5
 Concen: 73.618 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

Tgt Ion: 82 Resp: 634544
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.5 54.7
 54 44.3 36.0 54.0

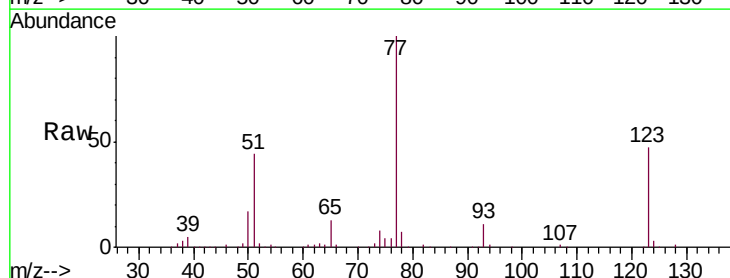


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

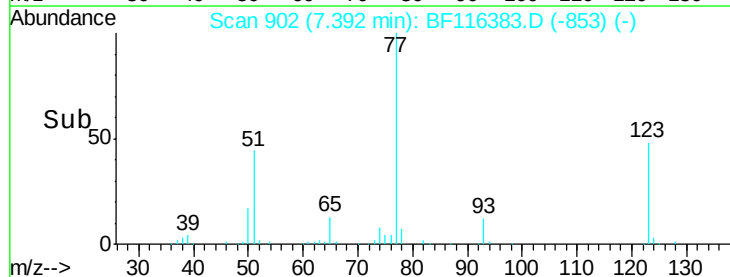
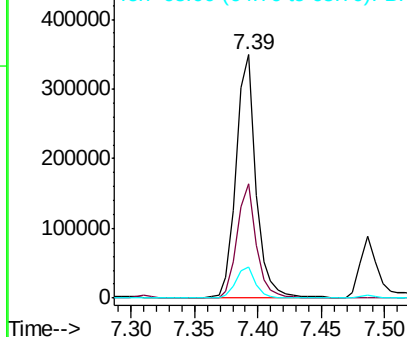


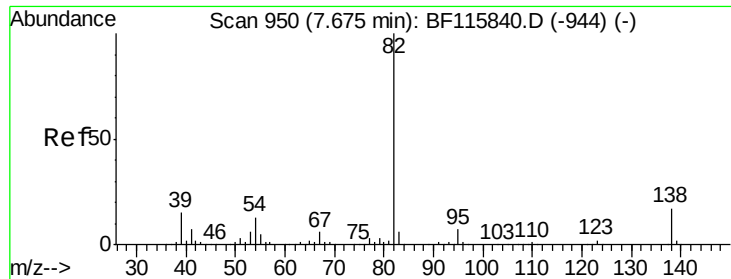
#24
 Nitrobenzene
 Concen: 40.344 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion: 77 Resp: 375478
 Ion Ratio Lower Upper
 77 100
 123 46.9 36.7 55.1
 65 12.8 10.6 16.0



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

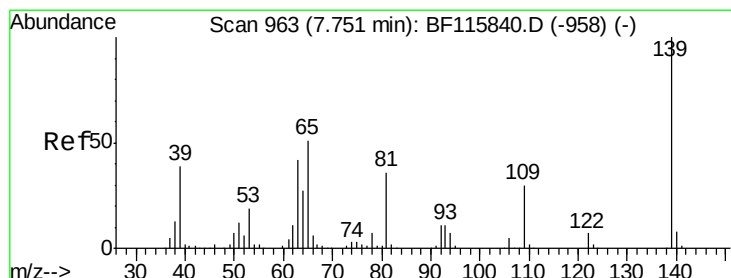
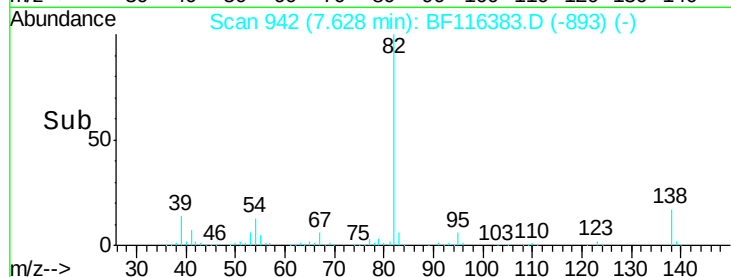
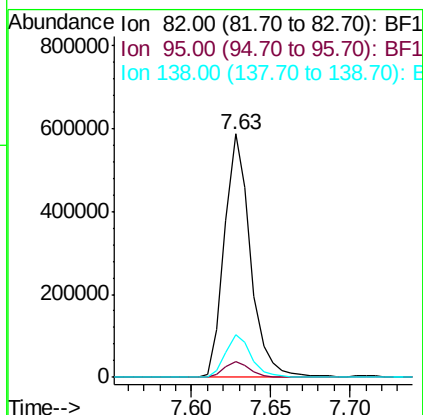
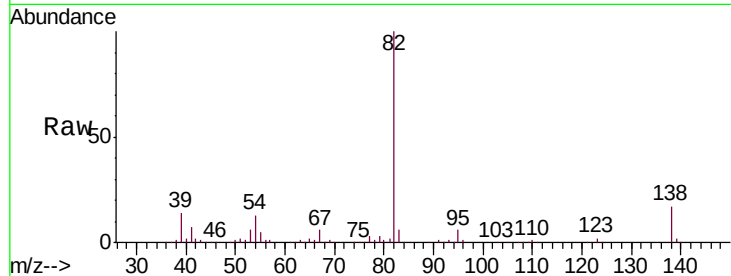




#25
Isophorone
Concen: 40.558 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

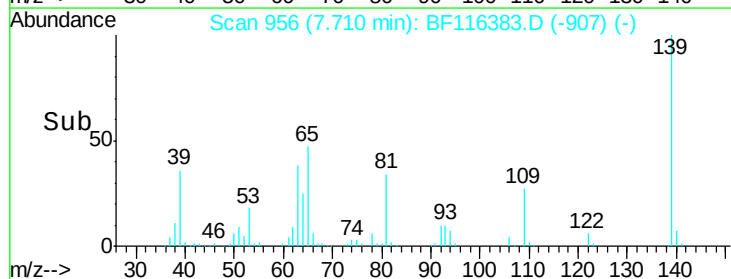
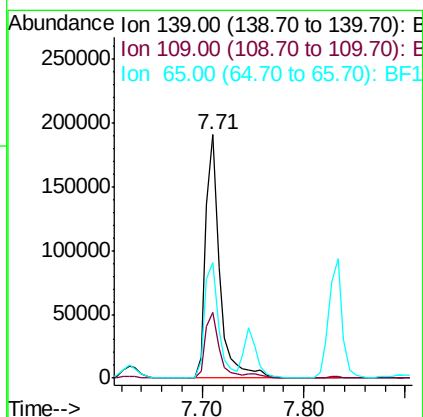
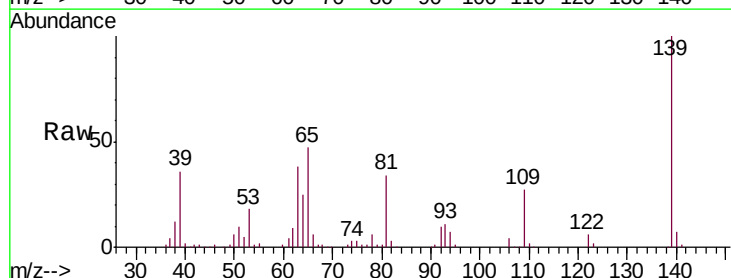
Instrument :
BNA_F
ClientSampleId :
PB122287BS

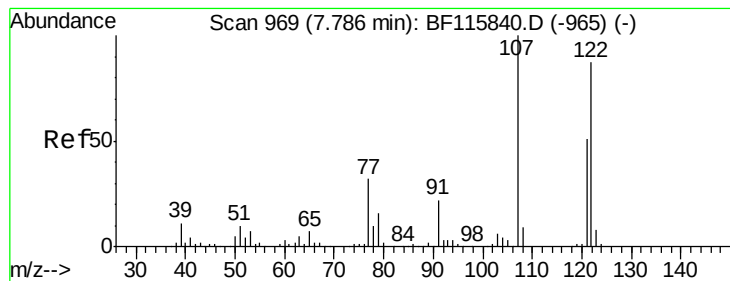
Tgt Ion: 82 Resp: 668462
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.0
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 41.749 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion: 139 Resp: 183156
Ion Ratio Lower Upper
139 100
109 26.9 23.4 35.2
65 47.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 45.369 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

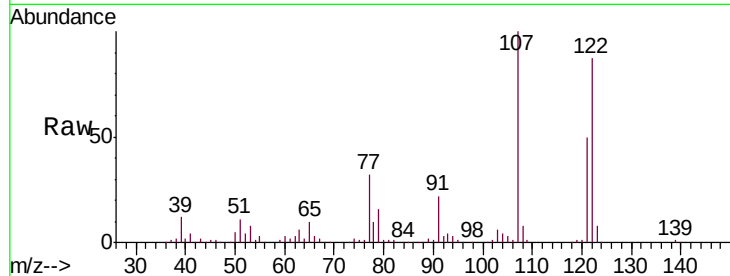
Tgt Ion:122 Resp: 299450

Ion Ratio Lower Upper

122 100

107 114.6 93.0 139.6

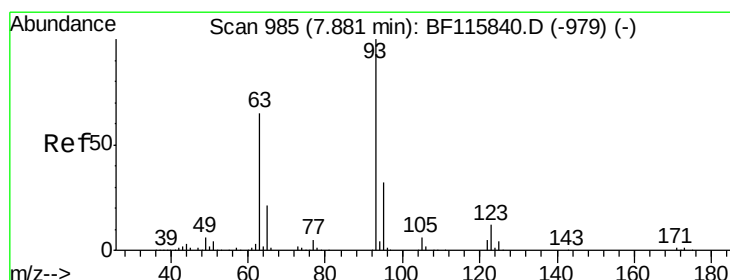
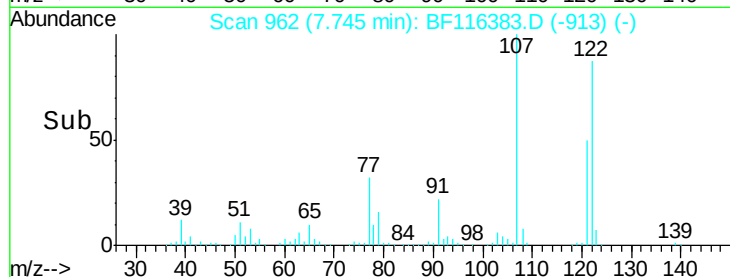
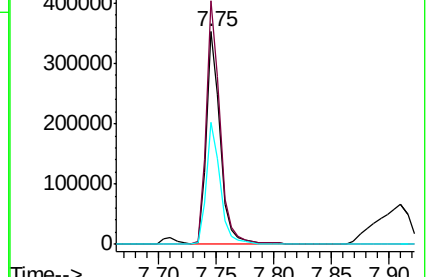
121 57.7 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.195 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

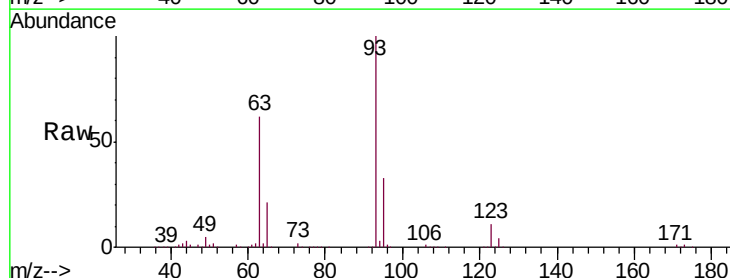
Tgt Ion: 93 Resp: 410613

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

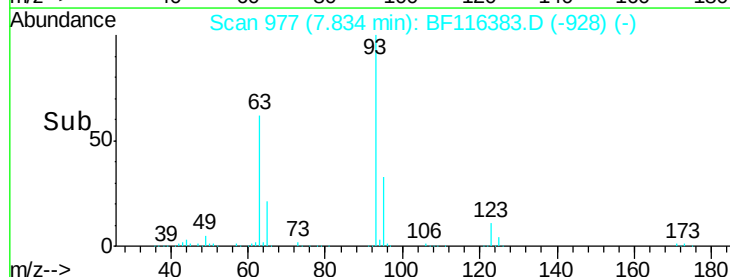
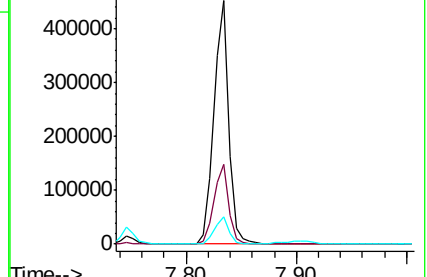
123 11.4 9.2 13.8

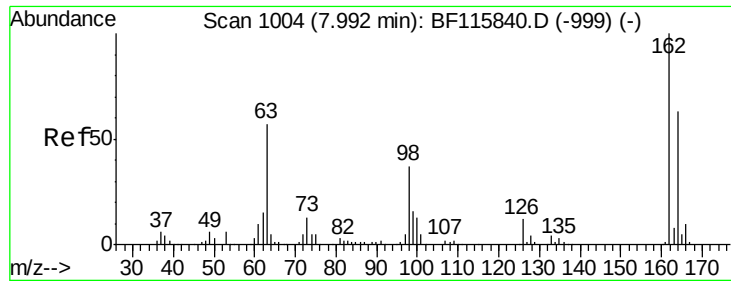


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

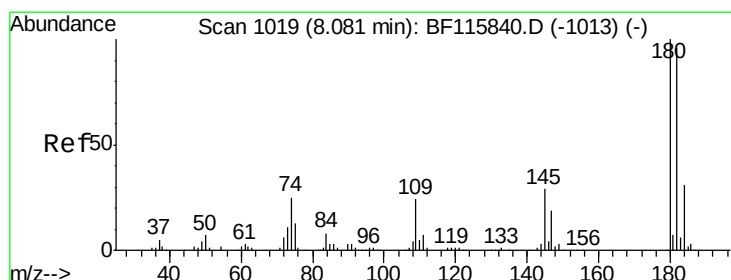
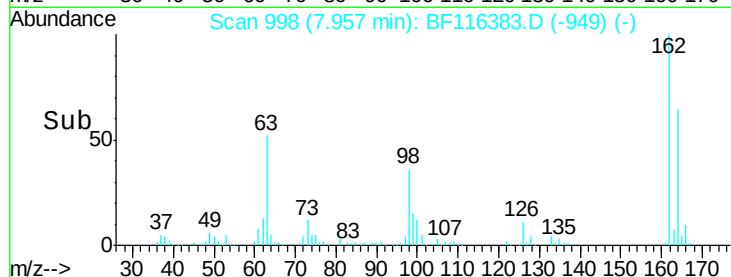
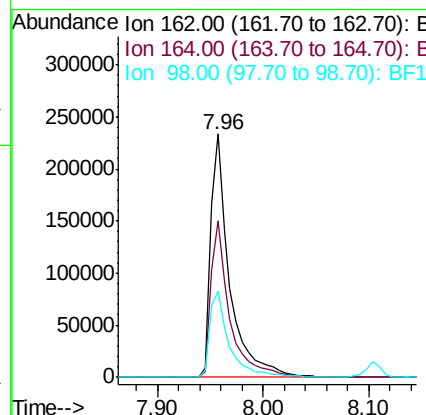
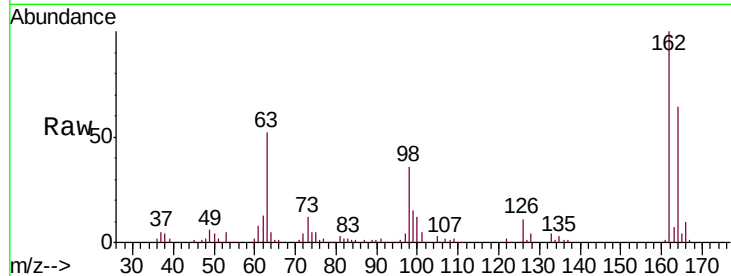




#29
 2,4-Dichlorophenol
 Concen: 41.522 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

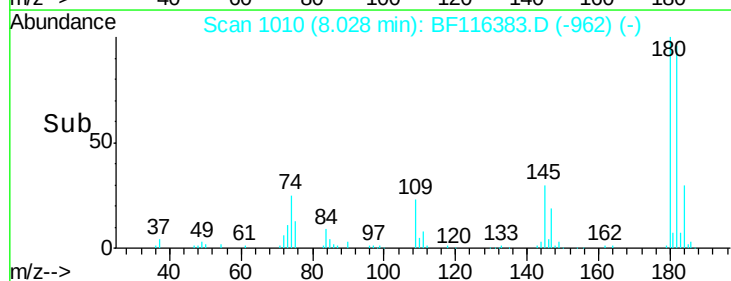
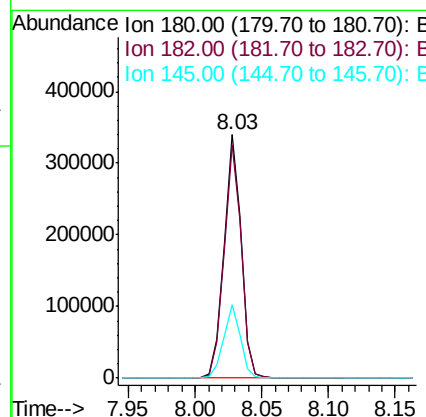
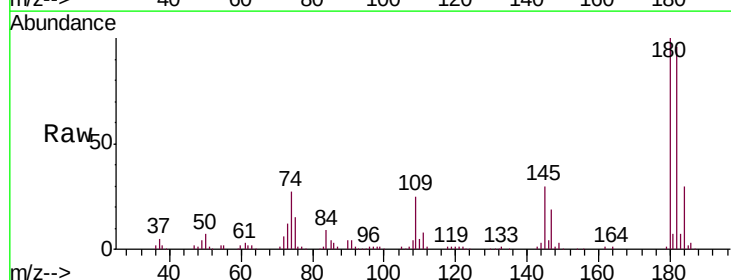
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

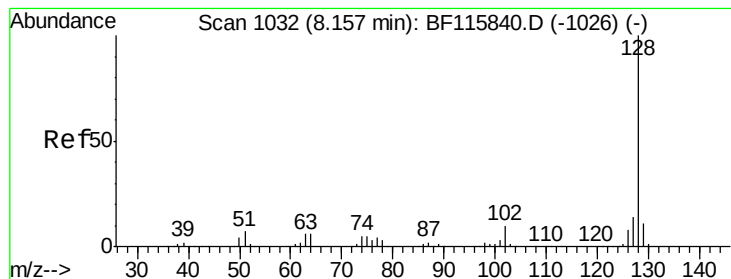
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	289371		
164	64.4	45.1	85.1	
98	35.6	15.8	55.8	



#30
 1,2,4-Trichlorobenzene
 Concen: 39.032 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	310071		
182	95.8	75.7	113.5	
145	30.0	24.3	36.5	





#31

Naphthalene

Concen: 41.697 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

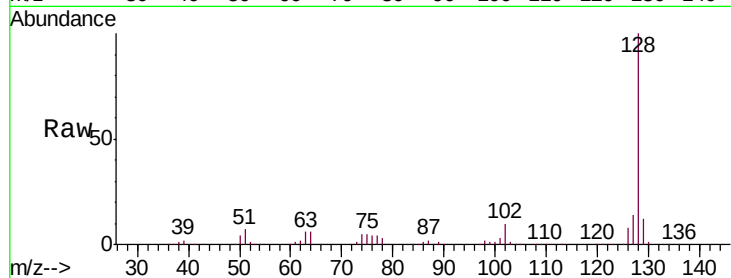
Tgt Ion:128 Resp: 976257

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

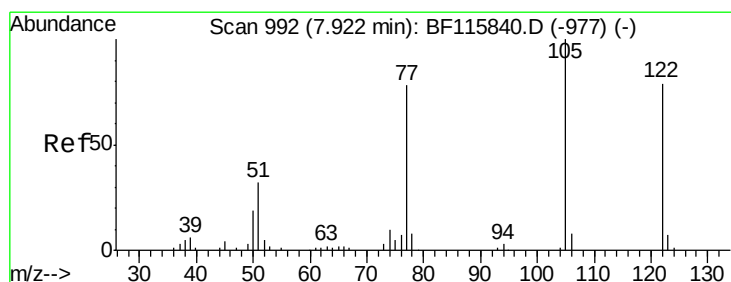
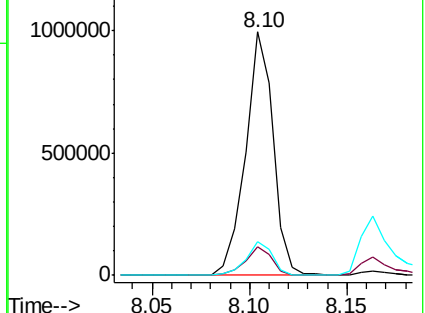
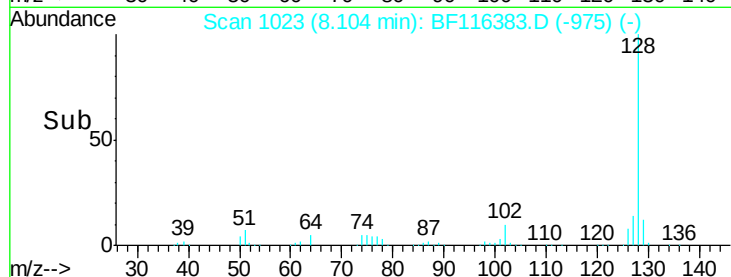
127 13.8 11.4 17.0



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: 32.917 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

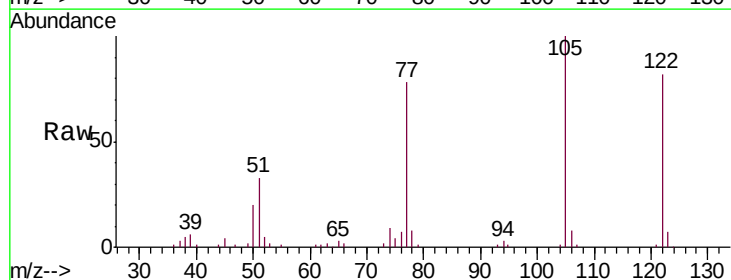
Tgt Ion:122 Resp: 153178

Ion Ratio Lower Upper

122 100

105 122.0 106.1 146.1

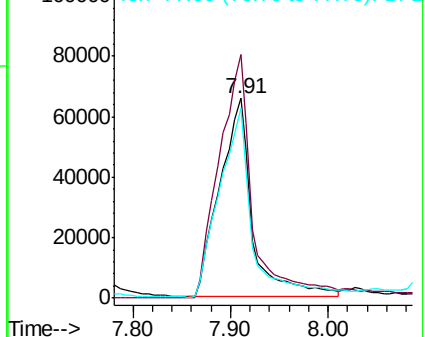
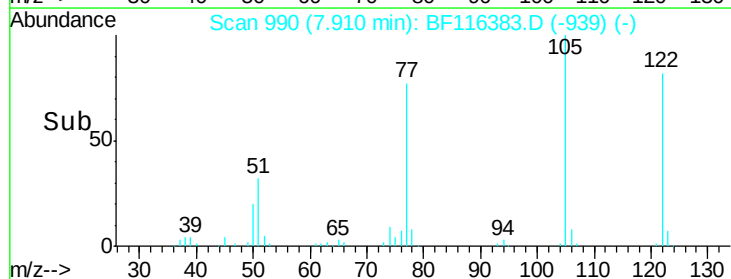
77 95.1 76.7 116.7

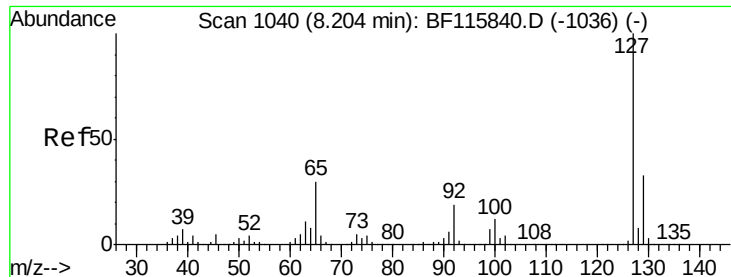


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

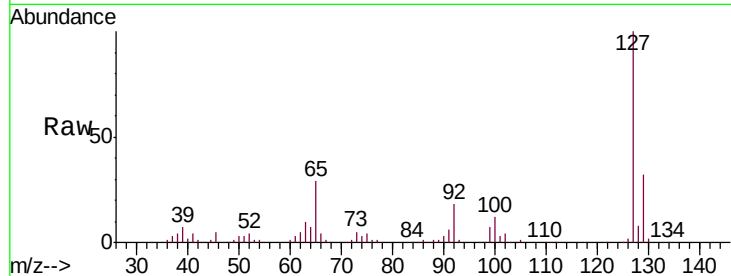




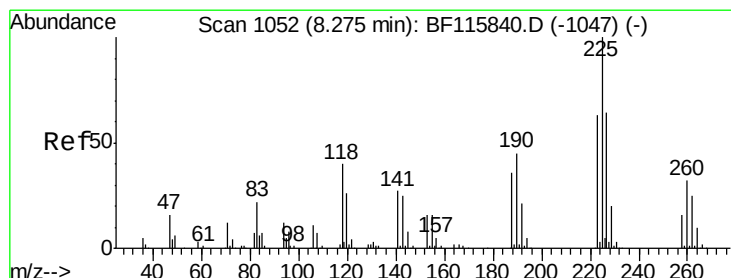
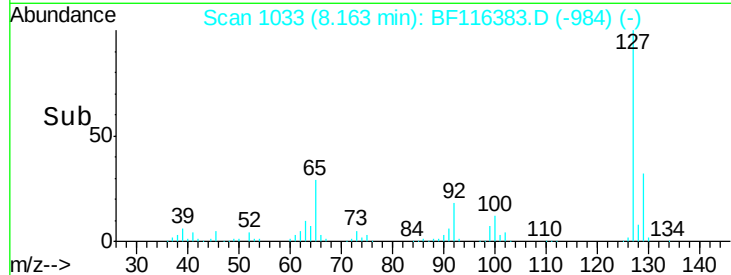
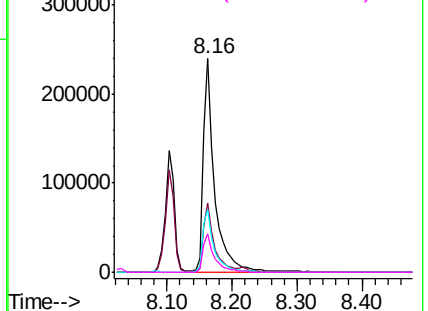
#33
4-Chloroaniline
Concen: 27.806 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB122287BS

Tgt Ion:	127	Resp:	290879
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	29.4	24.9	37.3
92	18.1	15.7	23.5

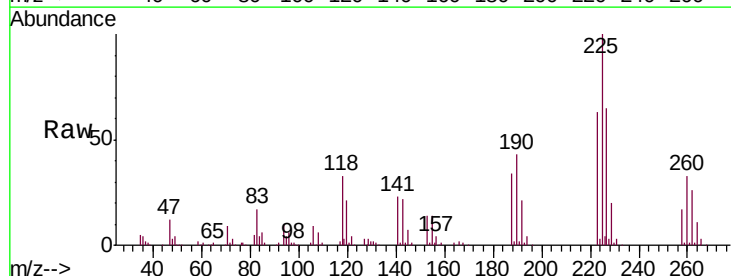


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

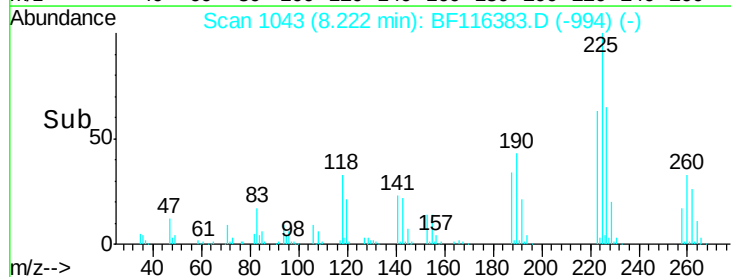
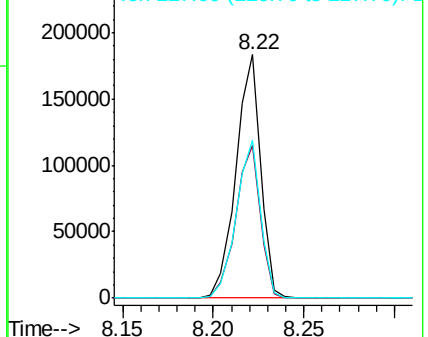


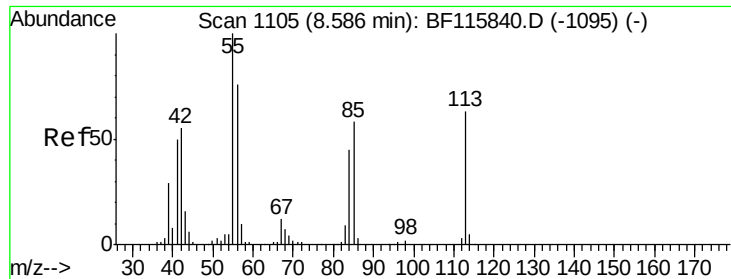
#34
Hexachlorobutadiene
Concen: 37.917 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion:	225	Resp:	173502
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	64.7	51.0	76.4



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

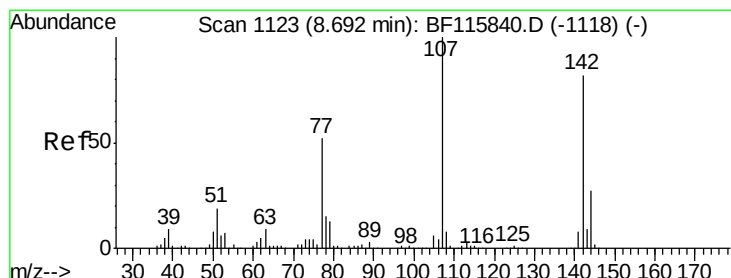
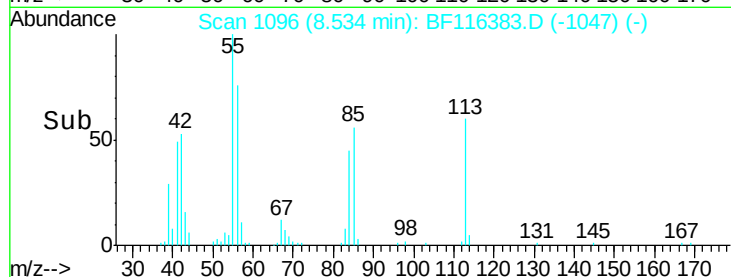
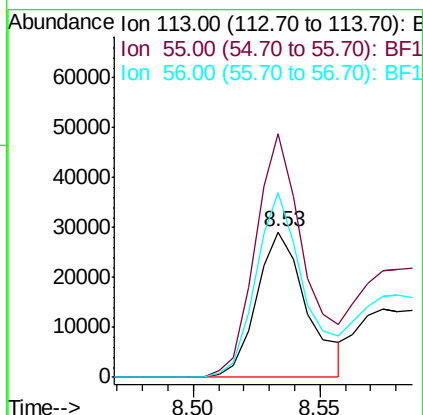
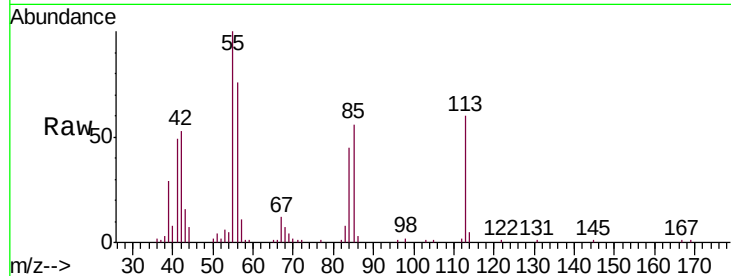




#35
 Caprolactam
 Concen: 17.974 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

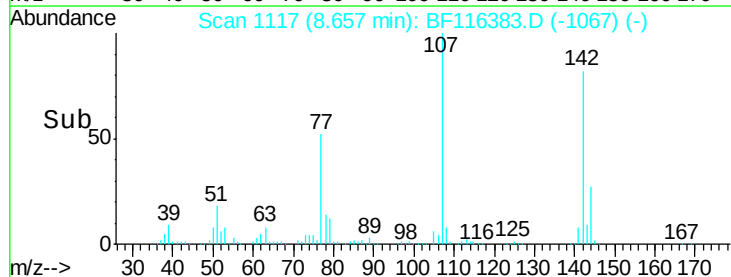
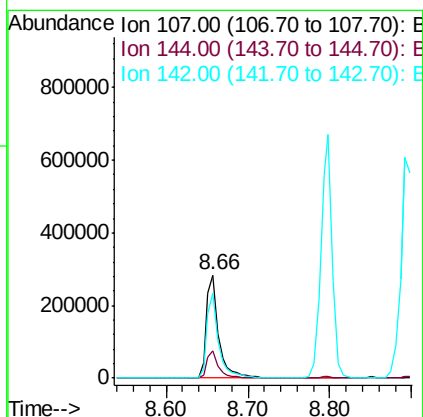
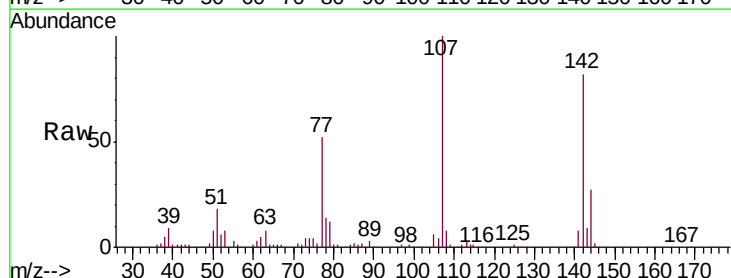
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

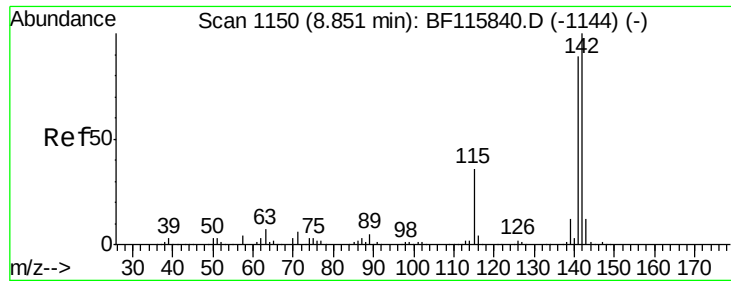
Tgt Ion:113 Resp: 40514
 Ion Ratio Lower Upper
 113 100
 55 167.1 144.3 184.3
 56 126.9 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.088 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion:107 Resp: 297889
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.2 30.2
 142 82.3 61.7 92.5

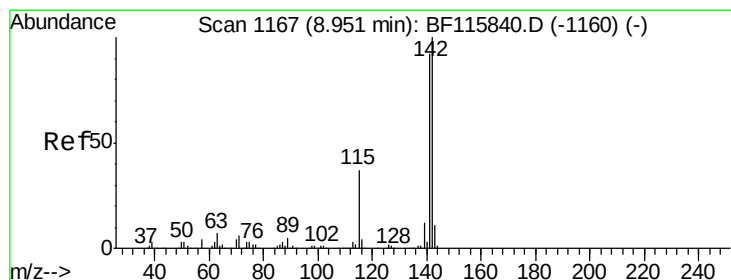
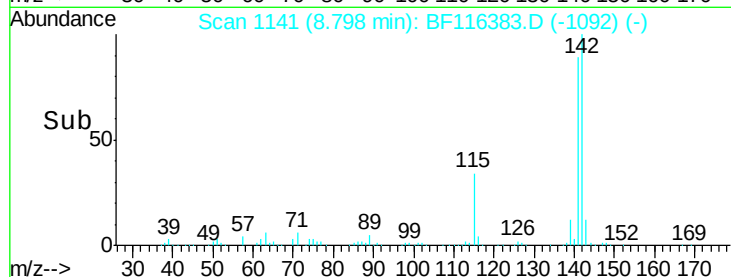
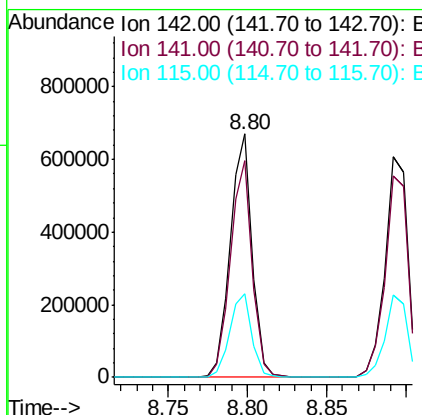
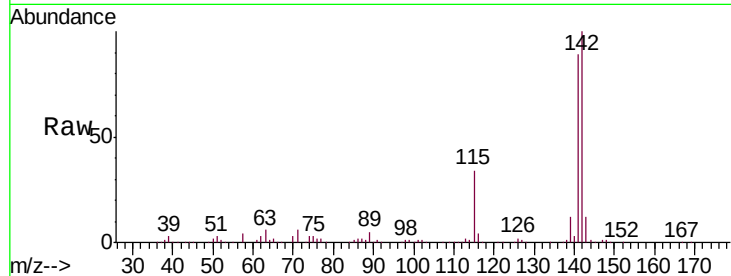




#37
 2-Methylnaphthalene
 Concen: 41.459 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

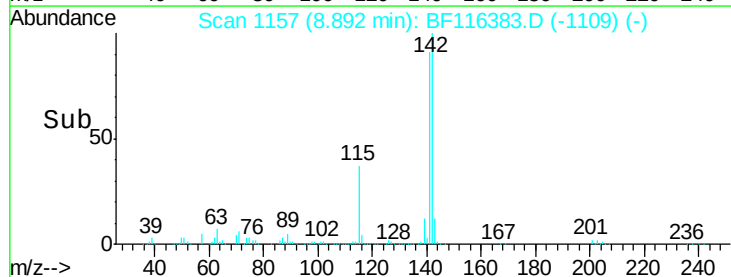
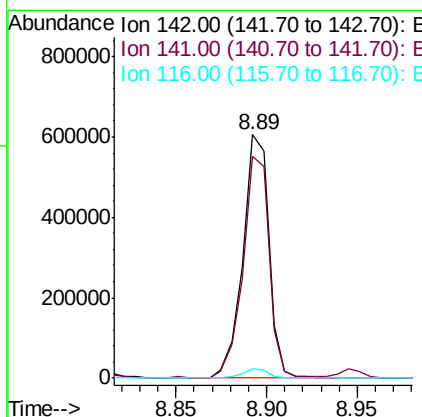
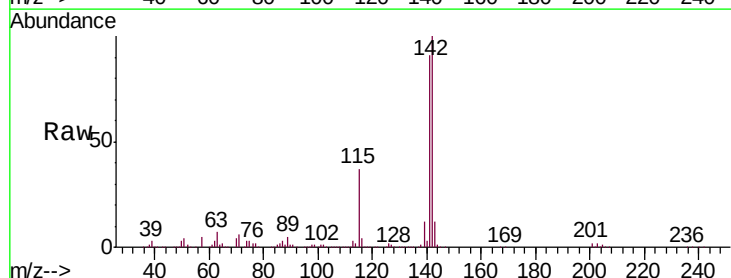
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

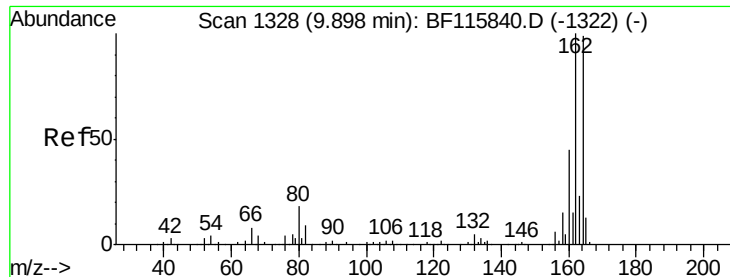
Tgt Ion:142 Resp: 639283
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.9 106.3
 115 34.4 29.0 43.6



#38
 1-Methylnaphthalene
 Concen: 41.327 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion:142 Resp: 602854
 Ion Ratio Lower Upper
 142 100
 141 91.2 74.4 111.6
 116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

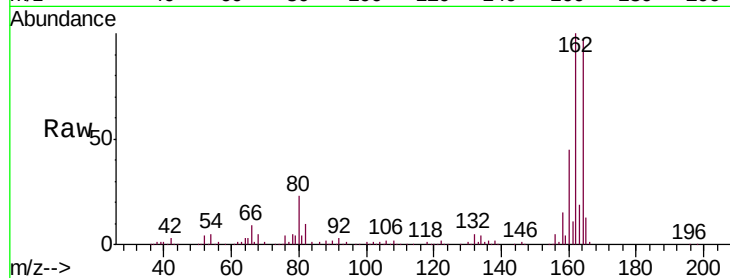
Tgt Ion:164 Resp: 263678

Ion Ratio Lower Upper

164 100

162 102.6 82.6 124.0

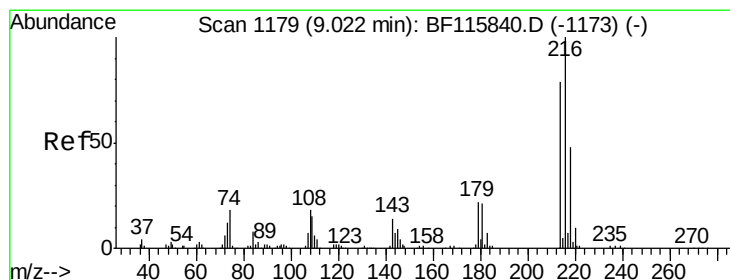
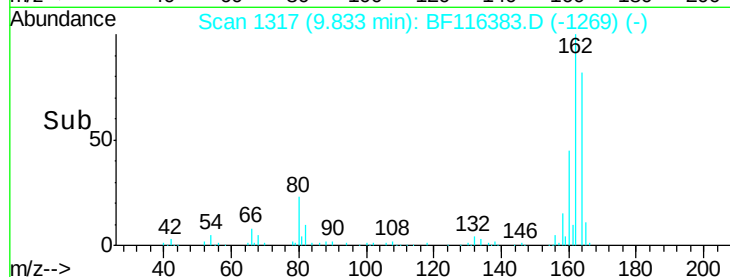
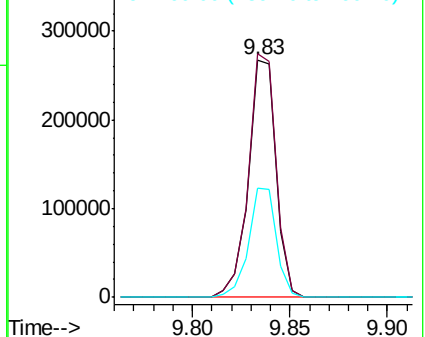
160 46.1 37.6 56.4



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: 41.996 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Tgt Ion:216 Resp: 296036

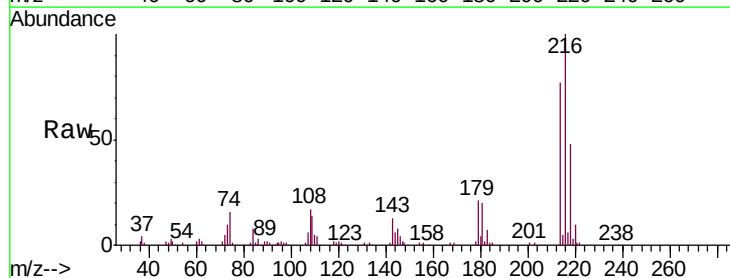
Ion Ratio Lower Upper

216 100

214 78.3 63.6 95.4

179 22.3 17.8 26.8

108 20.8 16.5 24.7

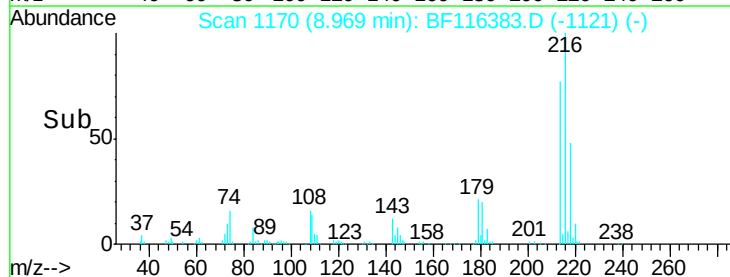
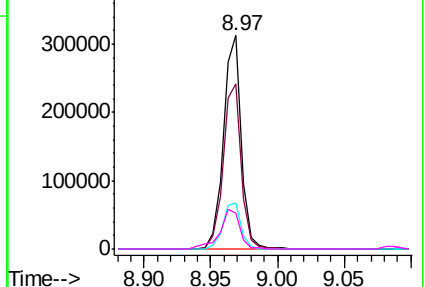


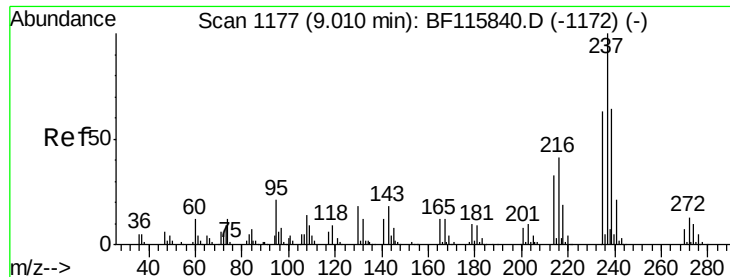
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.942 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

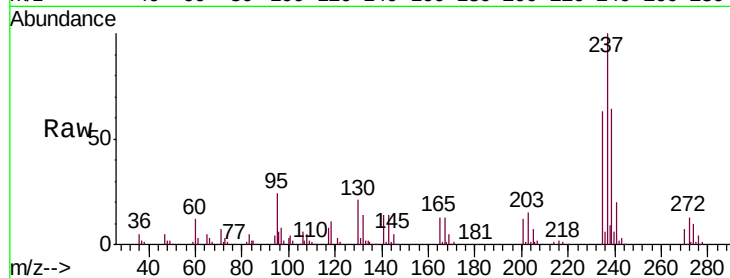
Tgt Ion: 237 Resp: 140189

Ion Ratio Lower Upper

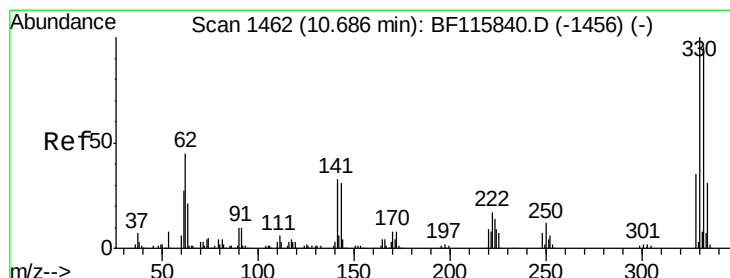
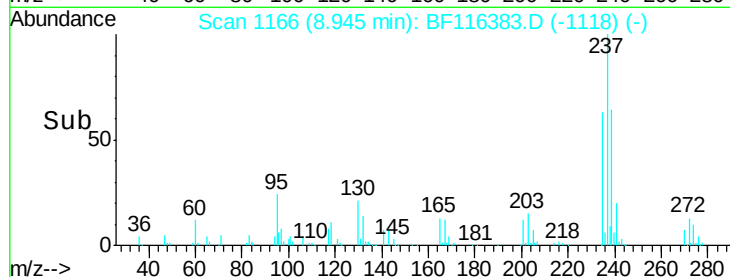
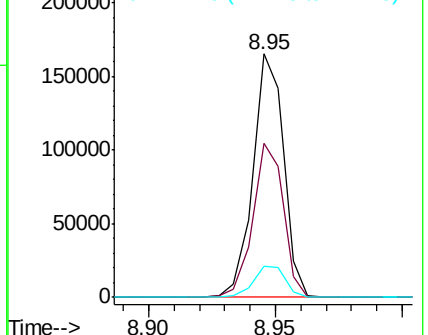
237 100

235 63.1 43.4 83.4

272 12.8 0.0 33.2



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: 102.772 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

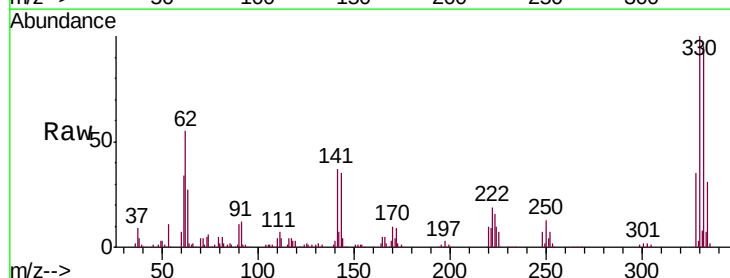
Tgt Ion: 330 Resp: 262730

Ion Ratio Lower Upper

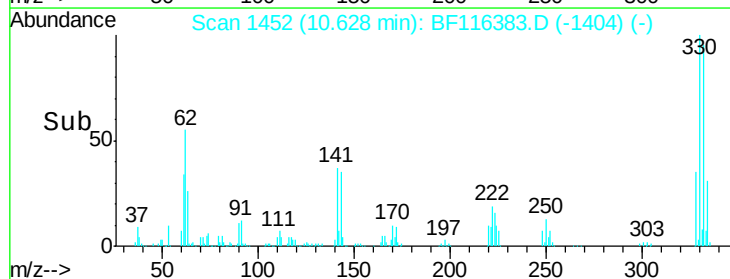
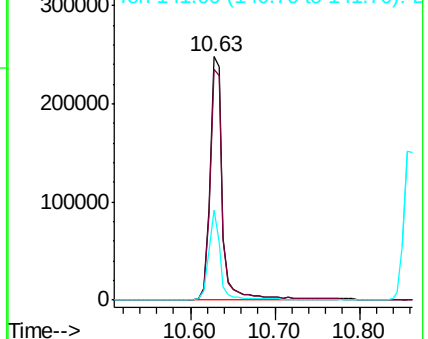
330 100

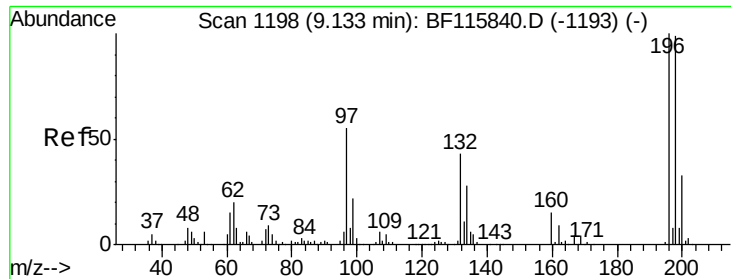
332 94.4 76.8 115.2

141 32.8 26.3 39.5



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

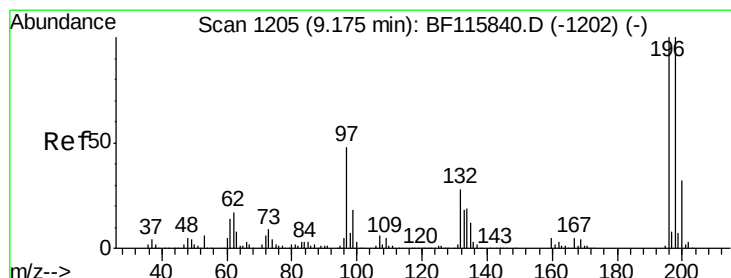
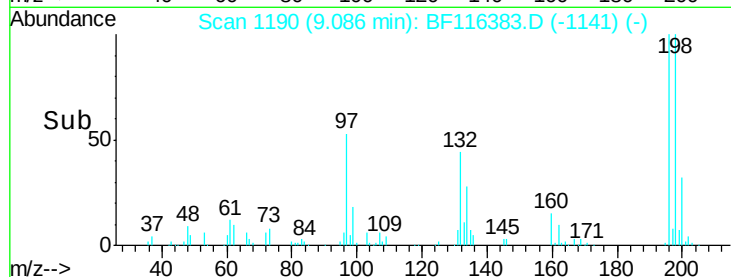
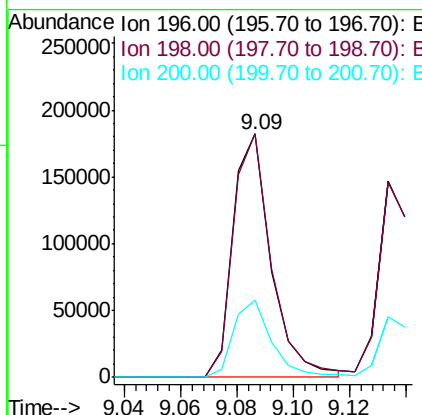
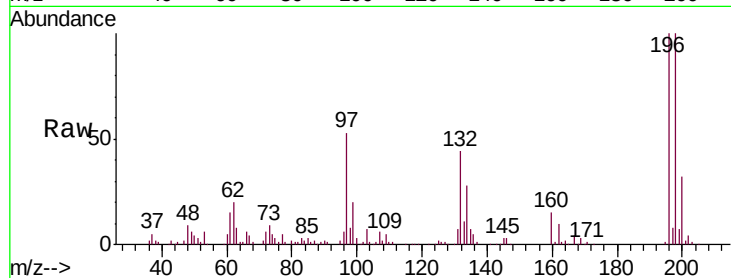




#43
 2,4,6-Trichlorophenol
 Concen: 35.410 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

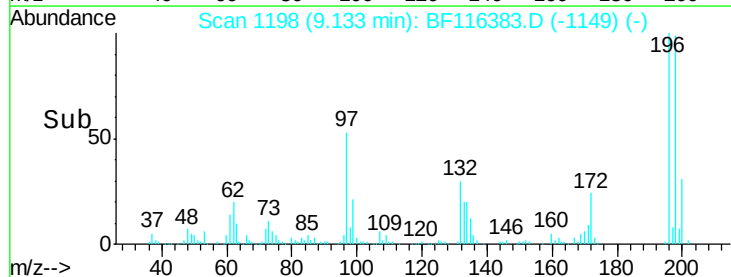
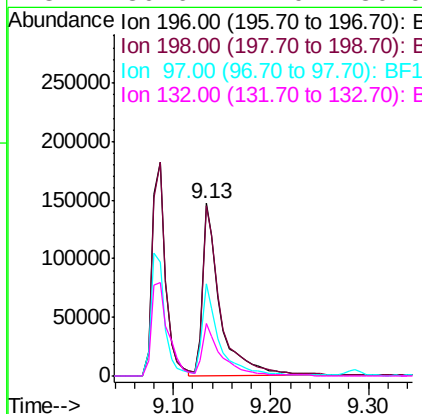
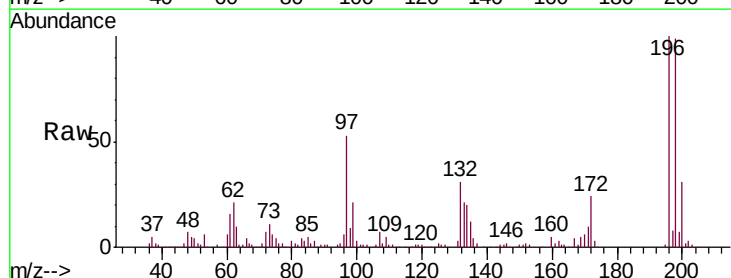
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

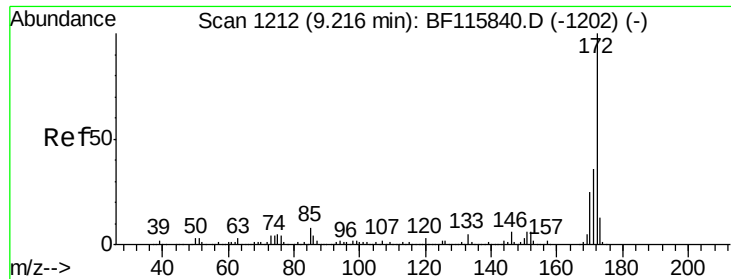
Tgt Ion:196 Resp: 171812
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.2 118.8
 200 31.9 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 36.453 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion:196 Resp: 182833
 Ion Ratio Lower Upper
 196 100
 198 98.8 78.8 118.2
 97 53.3 42.2 63.4
 132 30.6 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 79.526 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

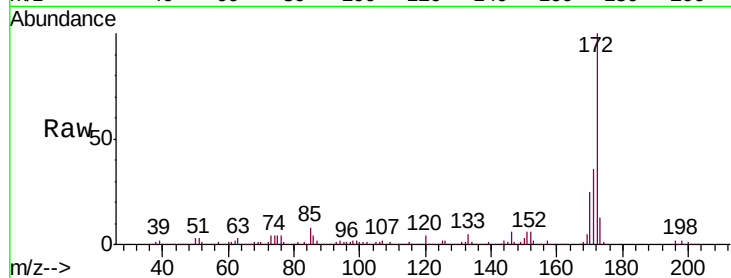
Tgt Ion:172 Resp: 1119513

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

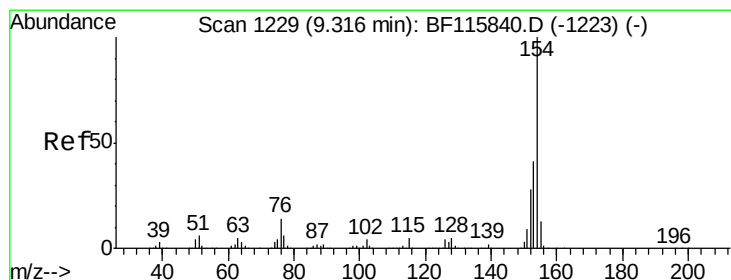
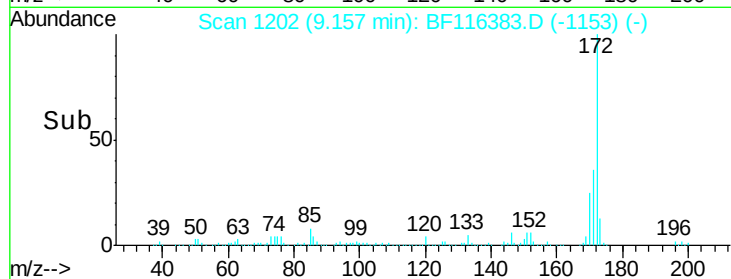
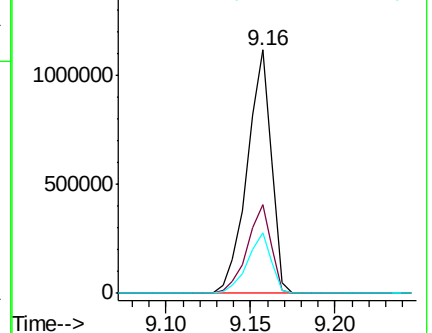
170 25.0 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.149 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

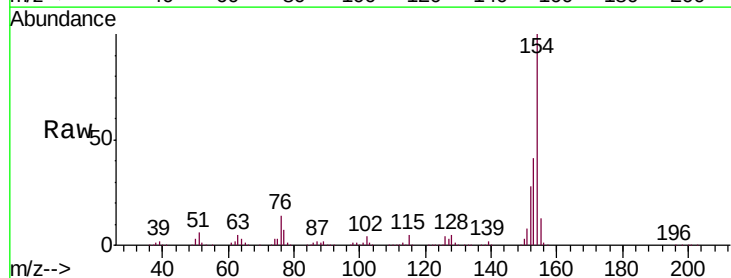
Tgt Ion:154 Resp: 784631

Ion Ratio Lower Upper

154 100

153 40.6 21.4 61.4

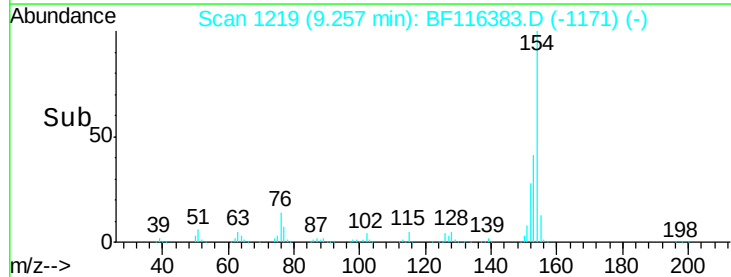
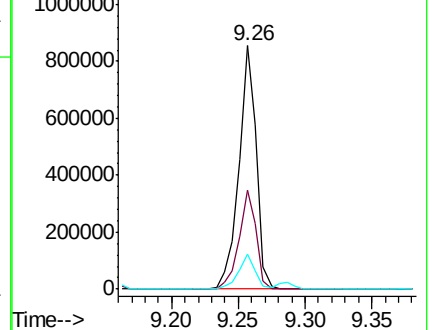
76 14.2 0.0 35.2

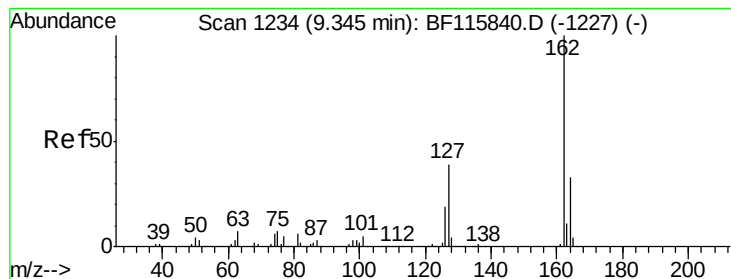


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.677 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

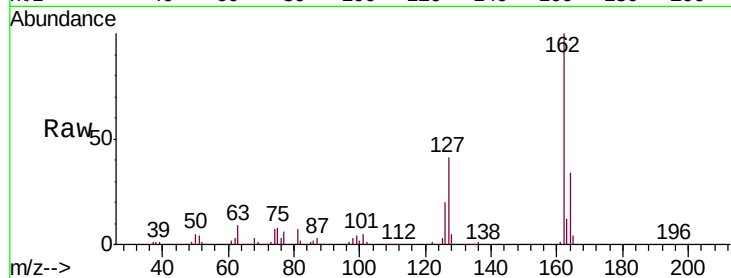
Tgt Ion: 162 Resp: 614742

Ion Ratio Lower Upper

162 100

127 41.1 32.8 49.2

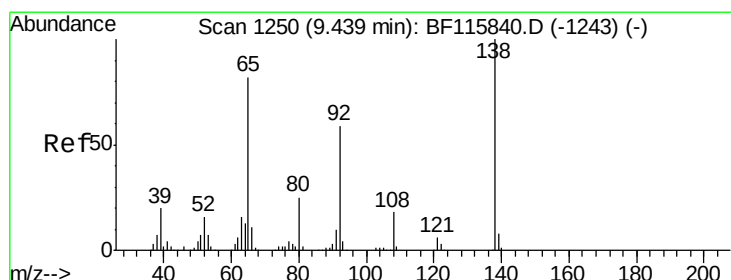
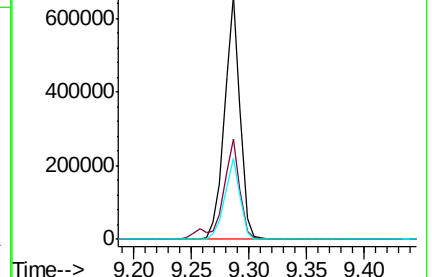
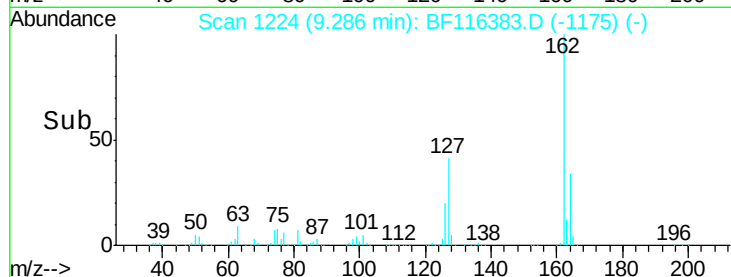
164 33.5 26.6 39.8



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: 37.661 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

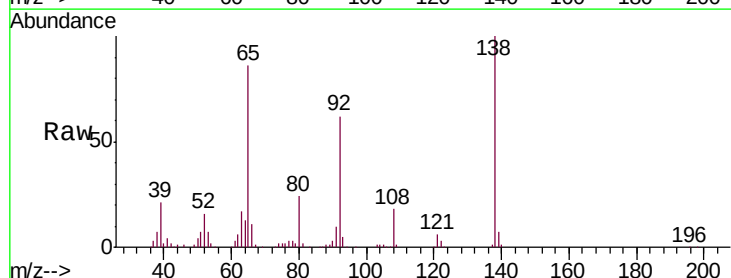
Tgt Ion: 65 Resp: 192873

Ion Ratio Lower Upper

65 100

92 72.3 57.8 86.8

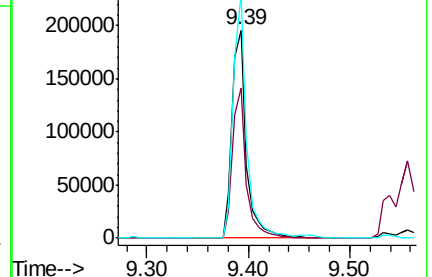
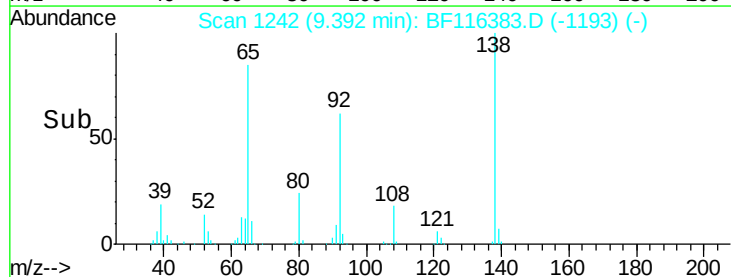
138 116.8 94.0 141.0

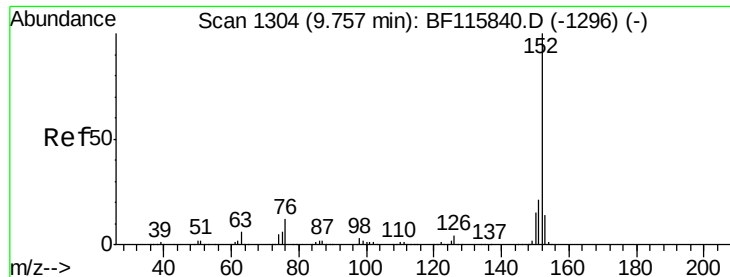


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.219 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

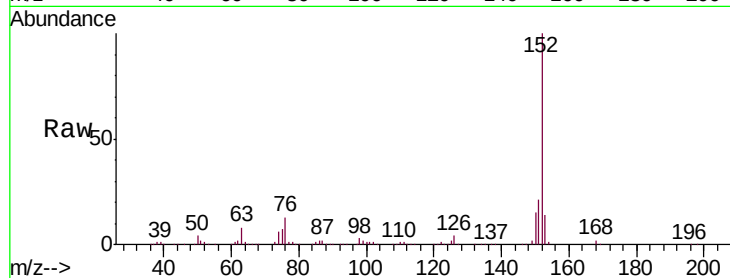
Tgt Ion:152 Resp: 909110

Ion Ratio Lower Upper

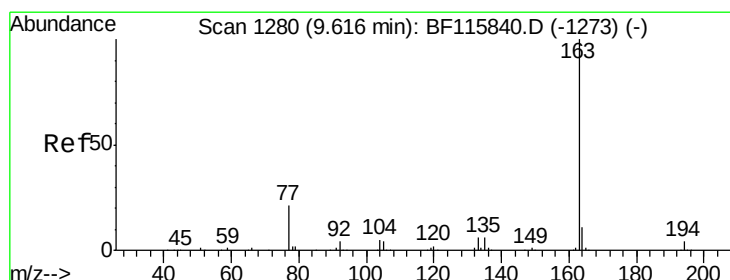
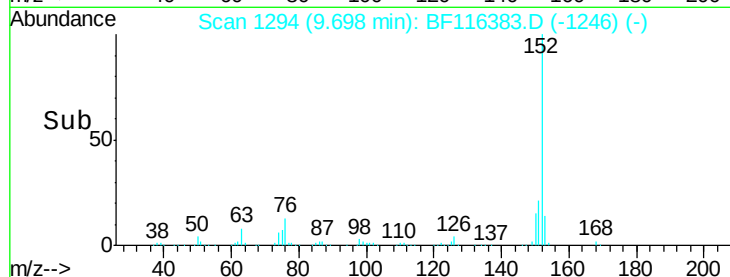
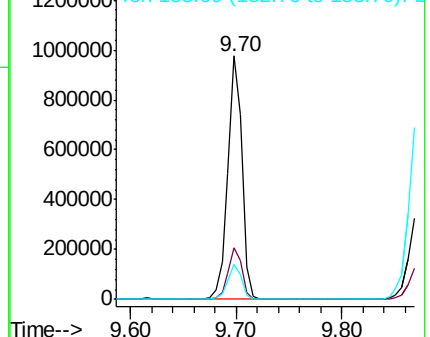
152 100

151 21.0 17.2 25.8

153 14.2 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.356 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

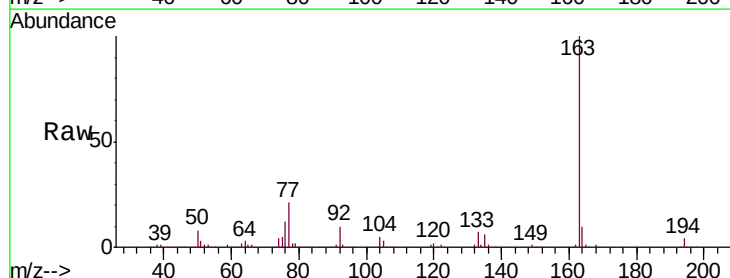
Tgt Ion:163 Resp: 706585

Ion Ratio Lower Upper

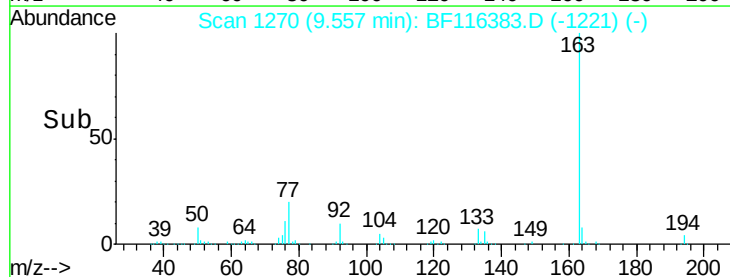
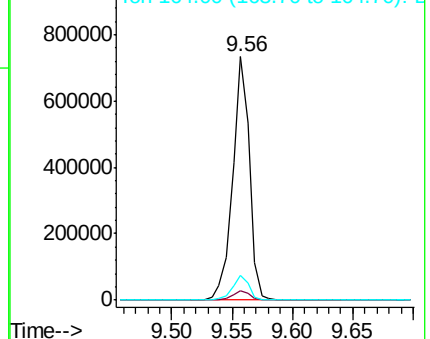
163 100

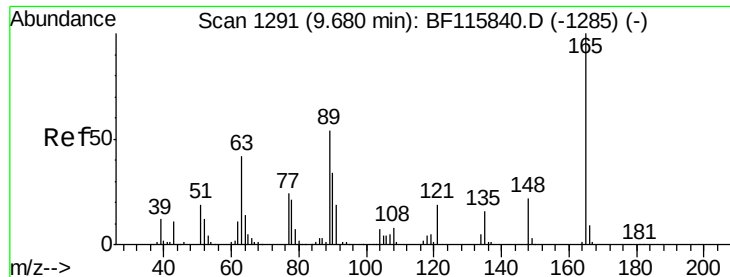
194 3.8 3.0 4.6

164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

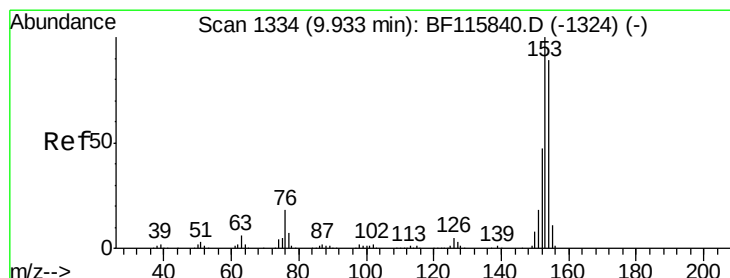
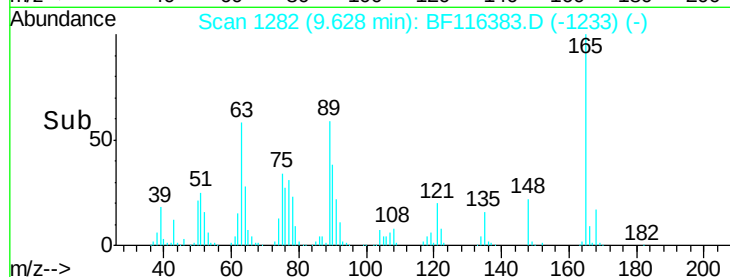
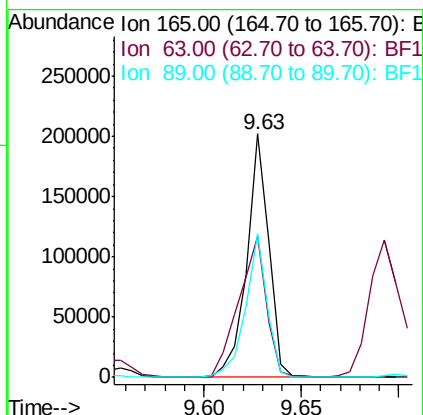
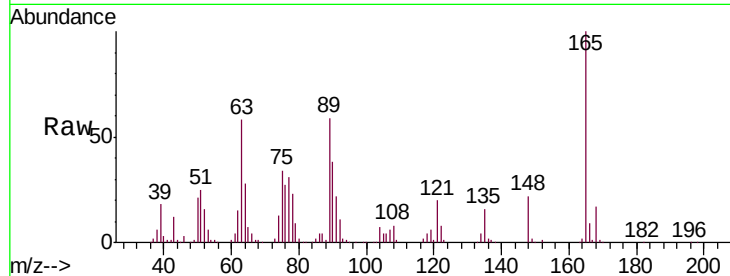




#51
 2,6-Dinitrotoluene
 Concen: 40.419 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

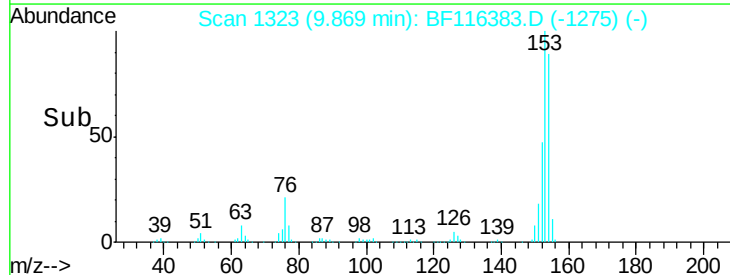
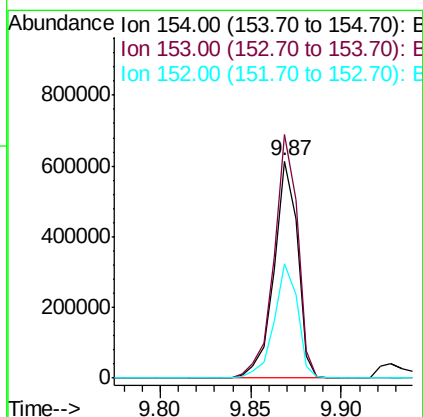
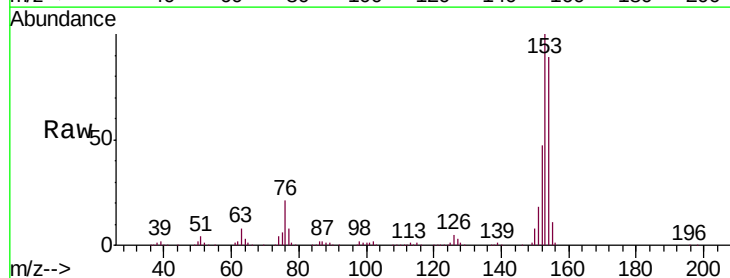
Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

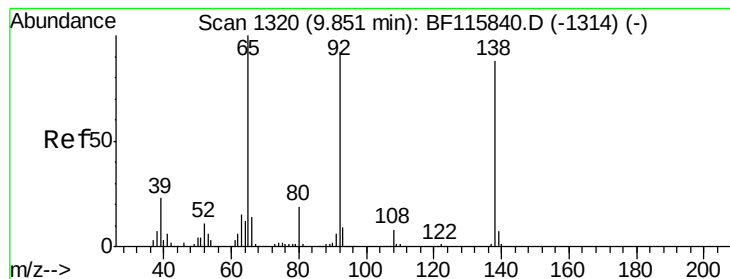
Tgt Ion:165 Resp: 157700
 Ion Ratio Lower Upper
 165 100
 63 57.9 38.2 57.2#
 89 59.2 42.9 64.3



#52
 Acenaphthene
 Concen: 40.101 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion:154 Resp: 556089
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.4 134.0
 152 52.8 42.3 63.5





#53

3-Nitroaniline

Concen: 26.313 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

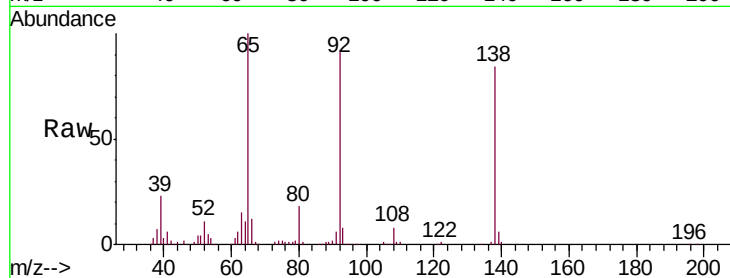
Tgt Ion:138 Resp: 126852

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

92 109.6 91.0 136.6



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

150000

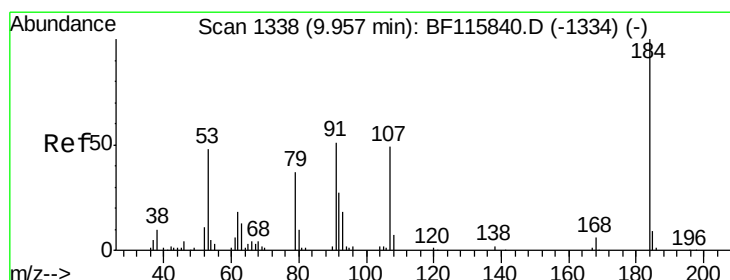
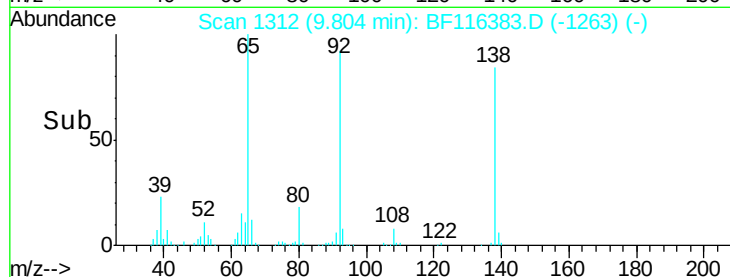
100000

50000

0

9.75 9.80 9.85 9.90

Time-->



#54

2,4-Dinitrophenol

Concen: 53.932 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

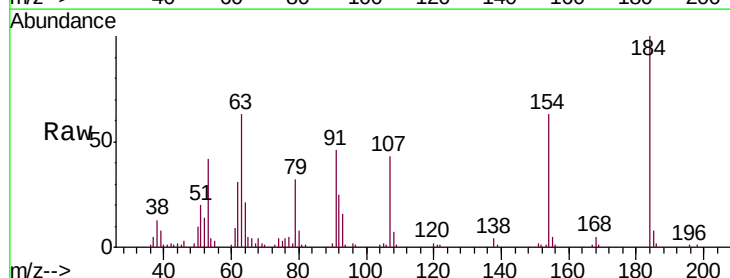
Tgt Ion:184 Resp: 101425

Ion Ratio Lower Upper

184 100

63 63.3 53.0 79.4

154 63.1 50.1 75.1



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

800000

600000

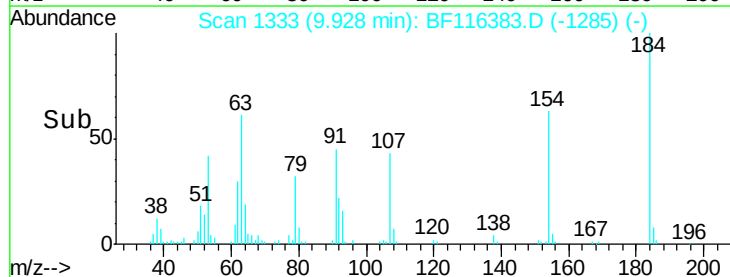
400000

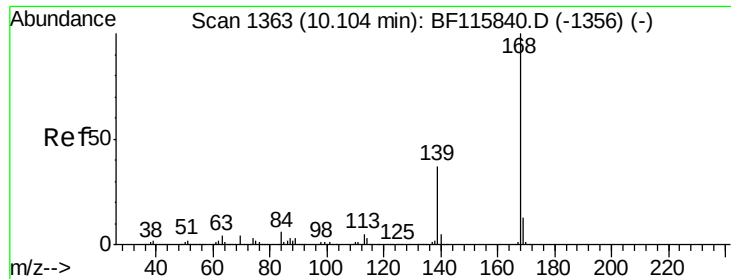
200000

0

9.90 9.95

Time-->





#55

Dibenzenofuran

Concen: 39.176 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

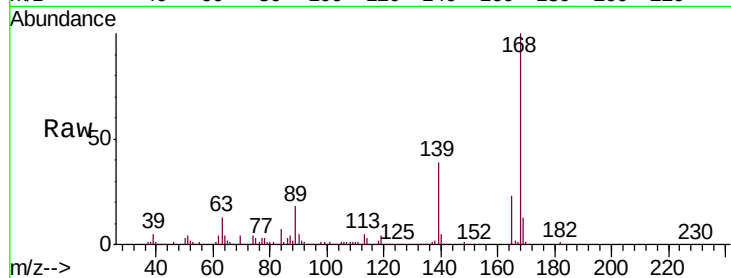
Tgt Ion:168 Resp: 790033

Ion Ratio Lower Upper

168 100

139 39.3 31.4 47.2

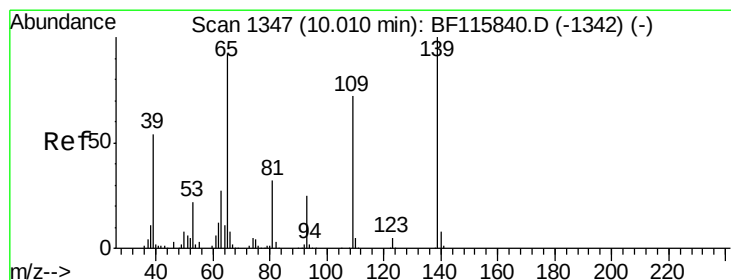
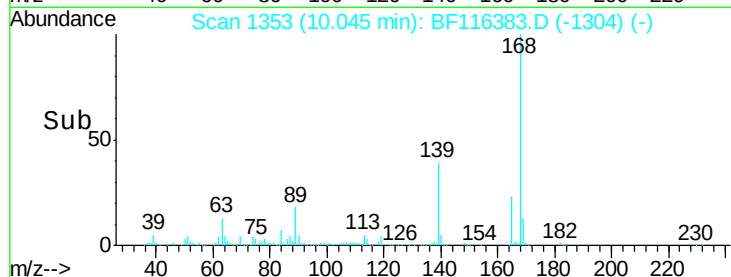
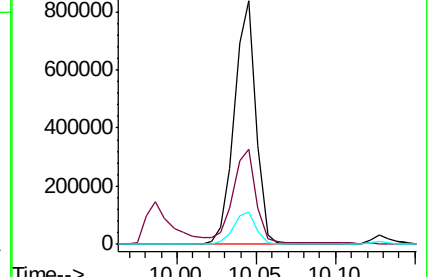
169 13.3 10.9 16.3



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: 58.951 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

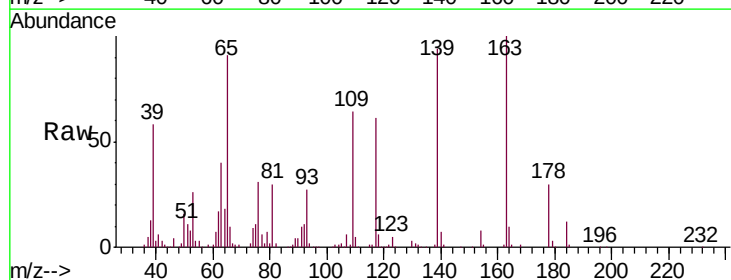
Tgt Ion:139 Resp: 182059

Ion Ratio Lower Upper

139 100

109 68.4 54.4 94.4

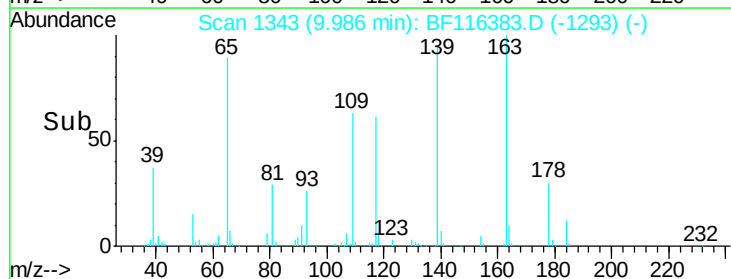
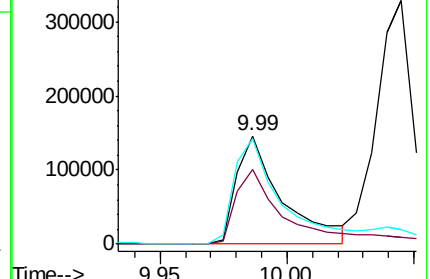
65 97.4 80.6 120.6

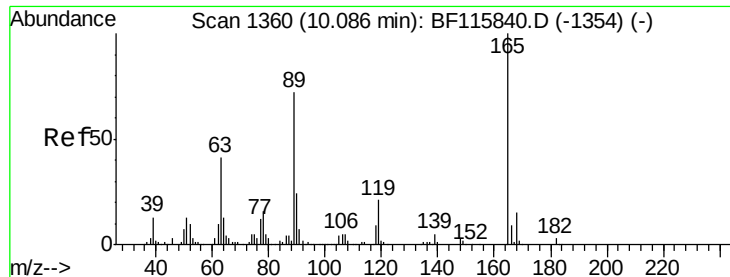


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

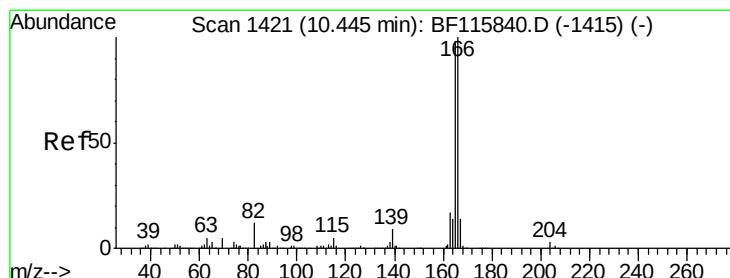
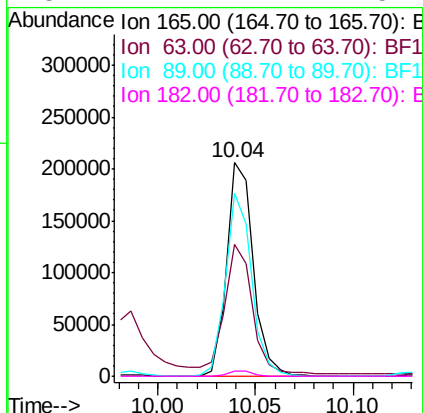
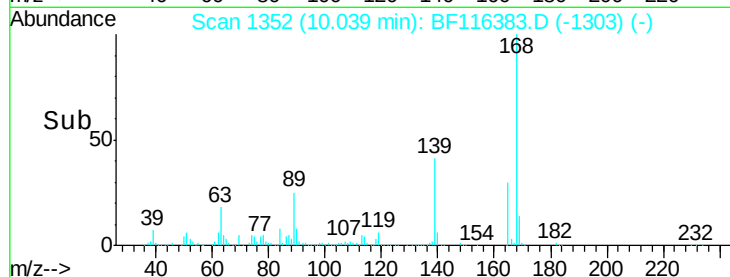
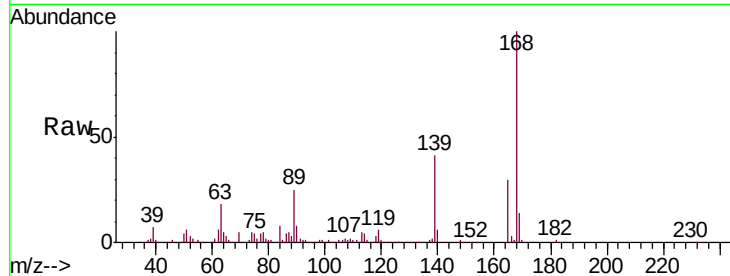




#57
2,4-Dinitrotoluene
Concen: 37.428 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

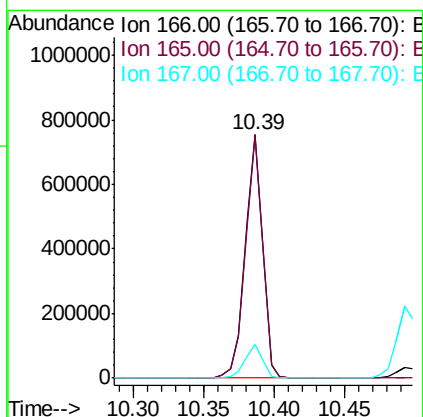
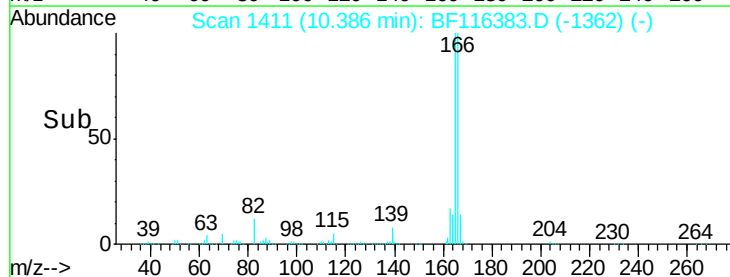
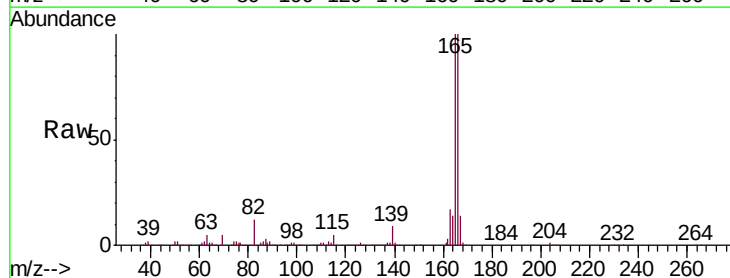
Instrument :
BNA_F
ClientSampleId :
PB122287BS

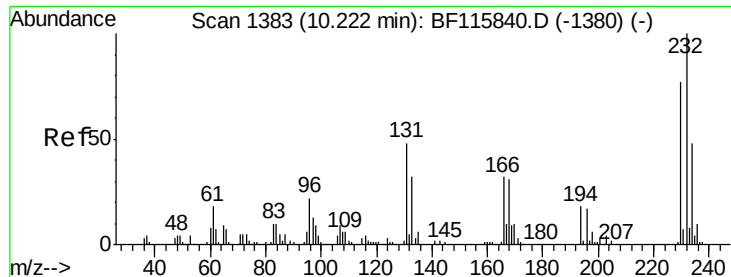
Tgt Ion:165 Resp: 194427
Ion Ratio Lower Upper
165 100
63 61.7 39.6 59.4#
89 85.7 62.2 93.2
182 2.4 2.1 3.1



#58
Fluorene
Concen: 41.629 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion:166 Resp: 645901
Ion Ratio Lower Upper
166 100
165 99.7 78.4 117.6
167 13.8 11.0 16.4

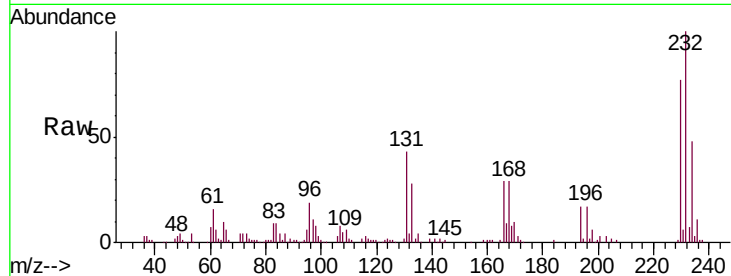




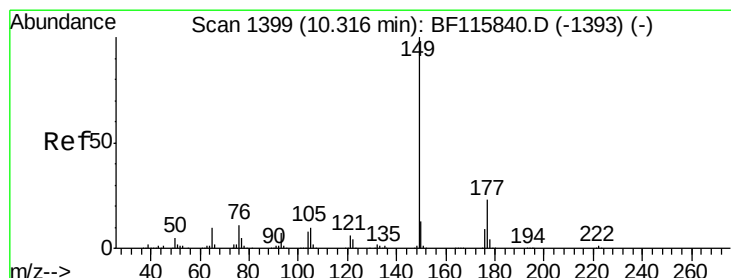
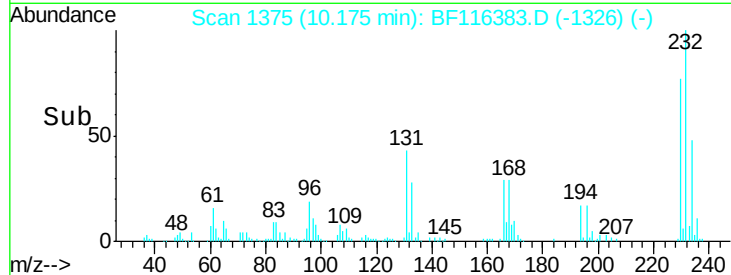
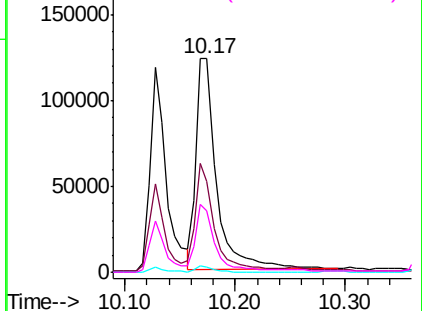
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.015 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.2	54.2
130	2.5	1.9	2.9
166	29.2	23.0	34.4

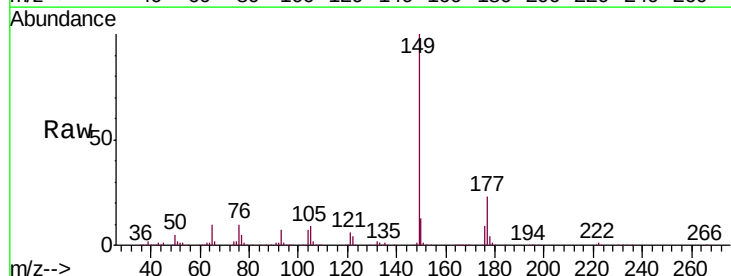


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

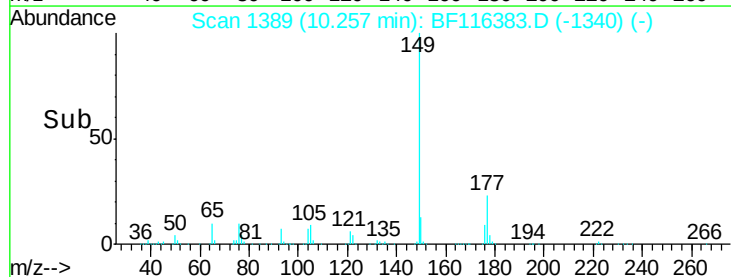
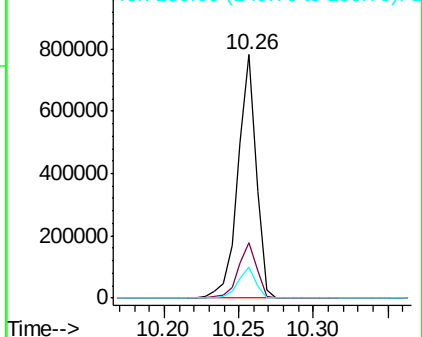


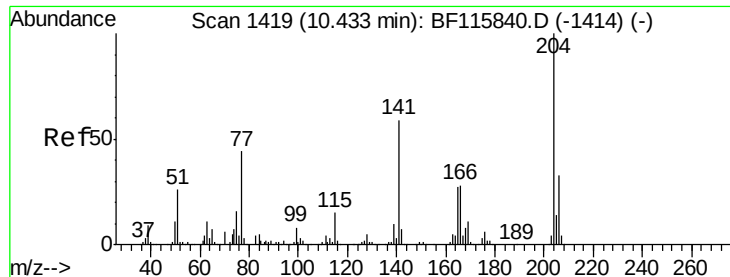
#60
 Diethylphthalate
 Concen: 39.964 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	12.7	10.2	15.4



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

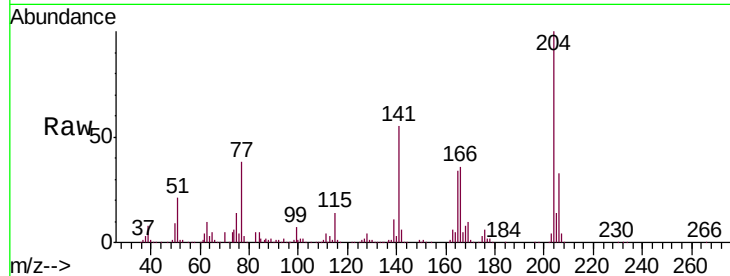




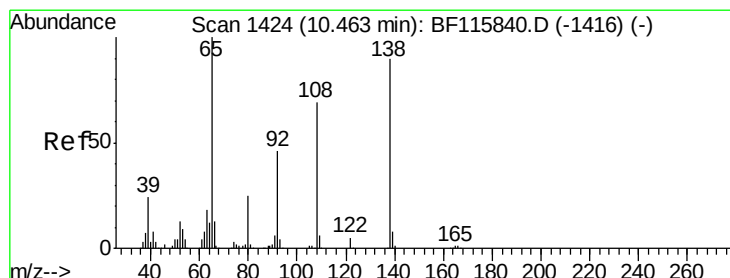
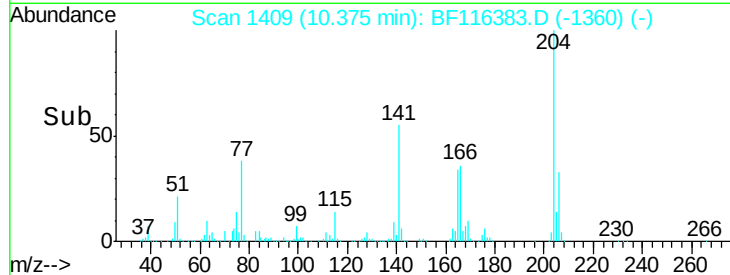
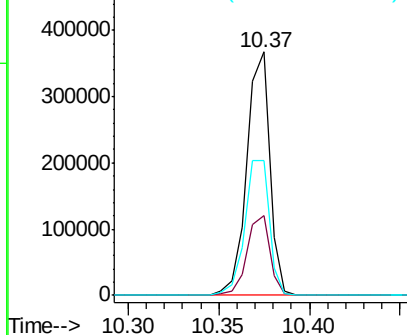
#61
 4-Chlorophenyl-phenylether
 Concen: 41.233 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

Tgt Ion:	204	Resp:	324001
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	55.2	46.4	69.6

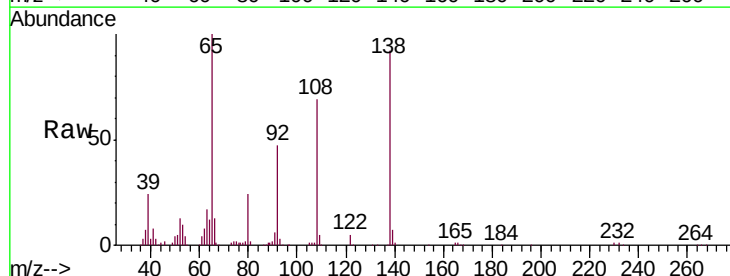


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

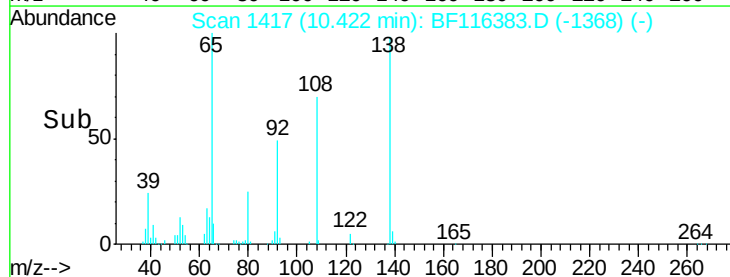
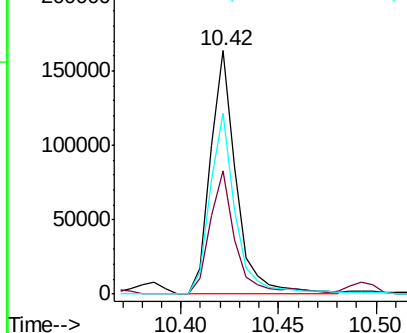


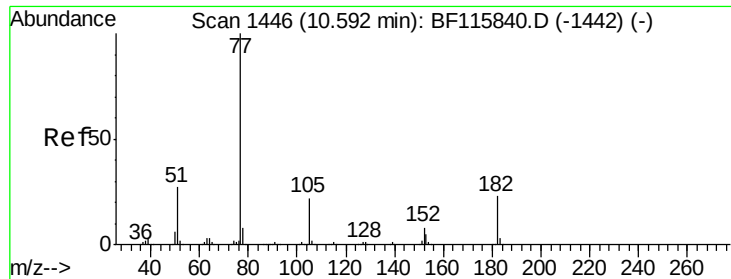
#62
 4-Nitroaniline
 Concen: 29.851 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion:	138	Resp:	148720
Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.0	69.0
108	74.1	54.7	94.7



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: 40.471 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

Tgt Ion: 77 Resp: 697742

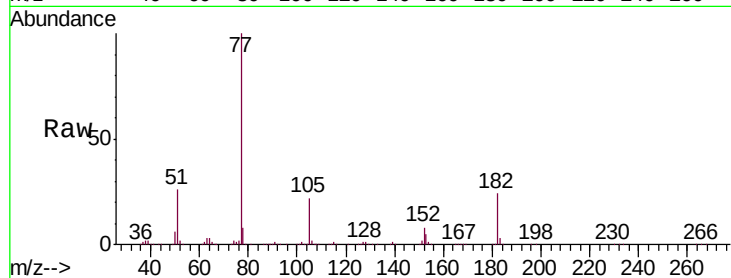
Ion Ratio Lower Upper

77 100

182 23.9 4.0 44.0

105 22.2 2.0 42.0

51 26.4 7.5 47.5

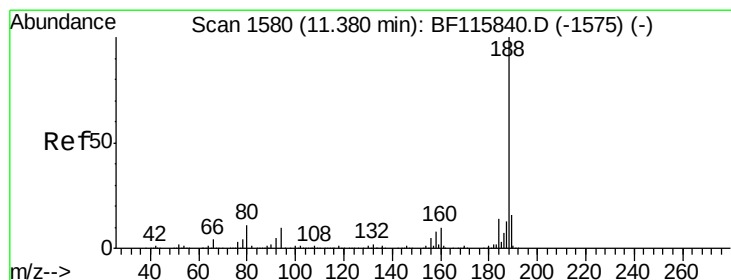
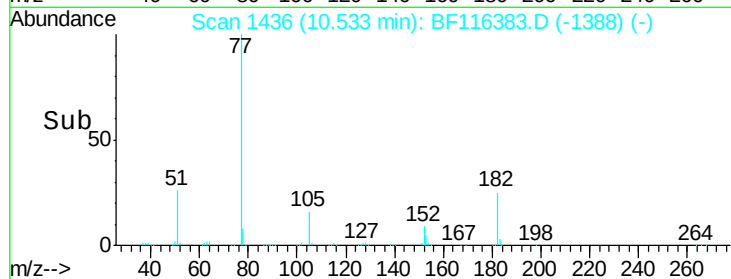
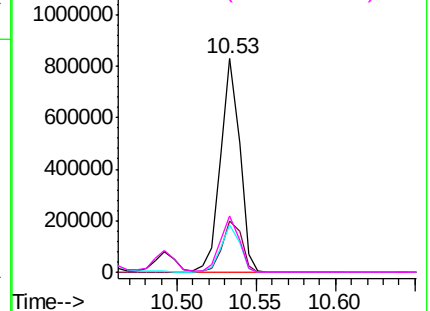


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

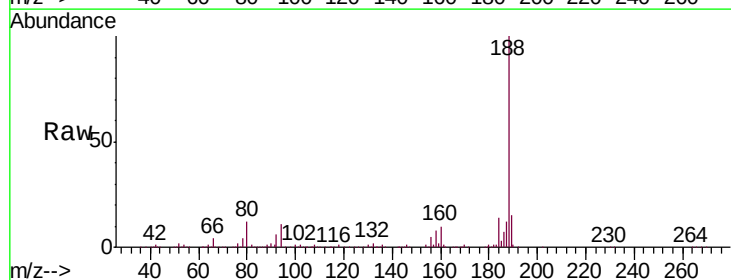
Tgt Ion: 188 Resp: 452019

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

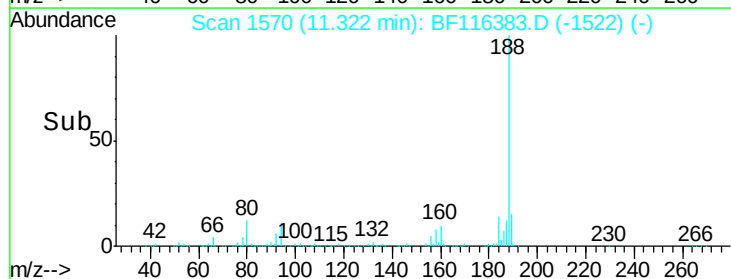
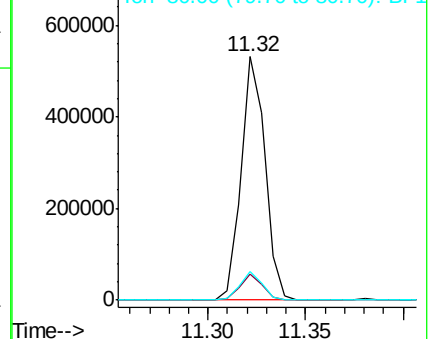
80 11.5 8.7 13.1

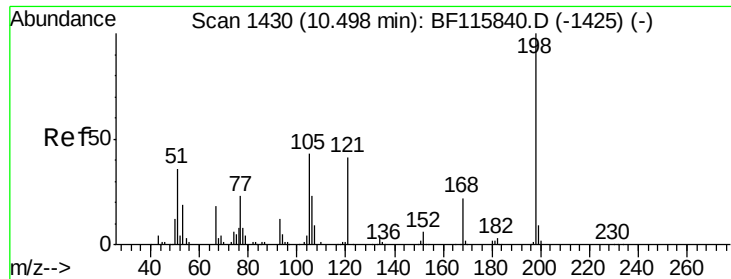


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

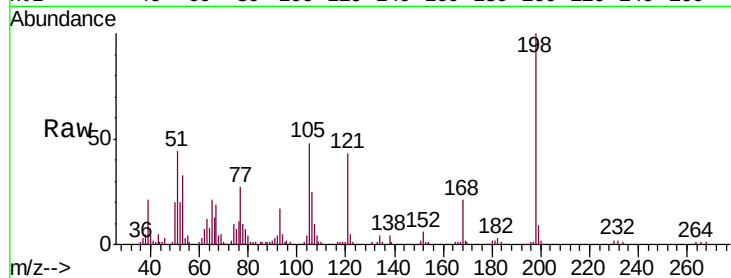




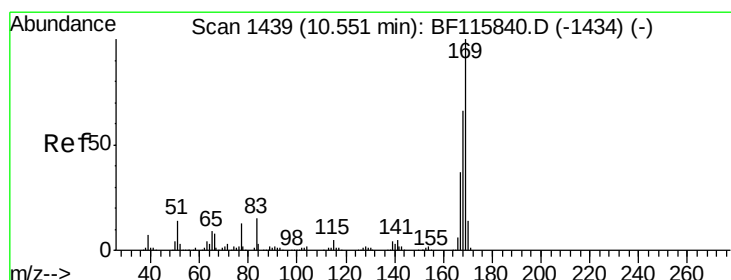
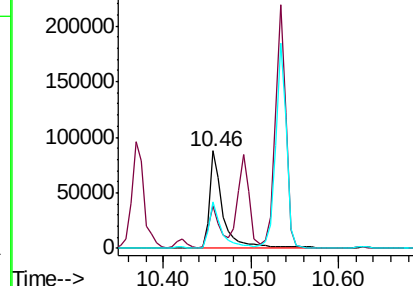
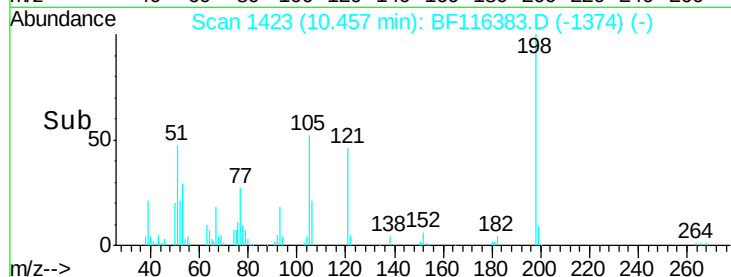
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.466 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

Tgt Ion:198 Resp: 94538
 Ion Ratio Lower Upper
 198 100
 51 44.0 17.0 57.0
 105 48.4 21.6 61.6

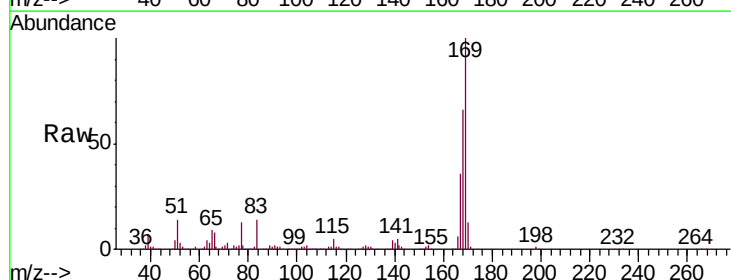


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

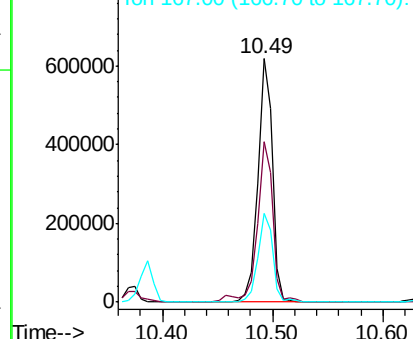
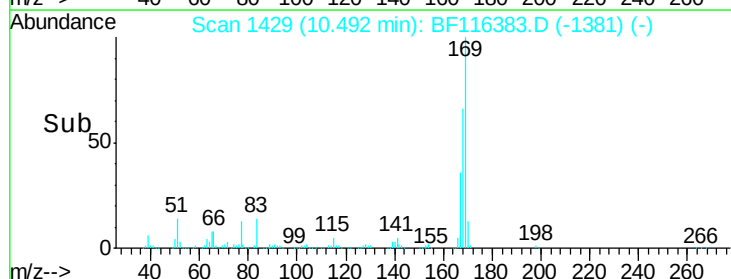


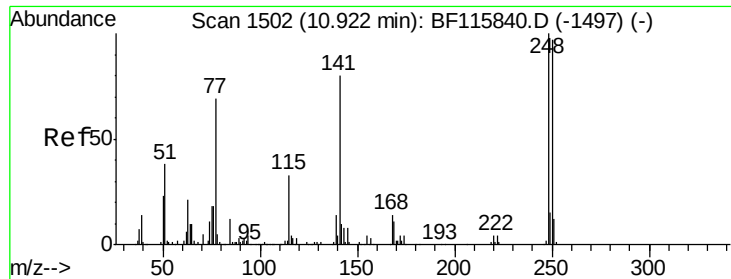
#66
 n-Nitrosodiphenylamine
 Concen: 42.003 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion:169 Resp: 571470
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.8 80.6
 167 36.3 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

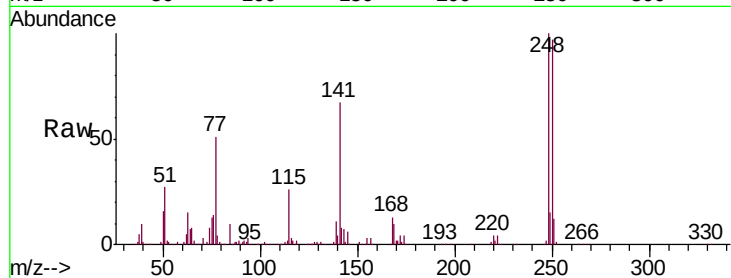




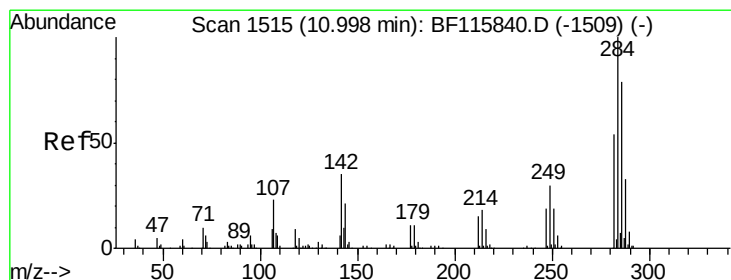
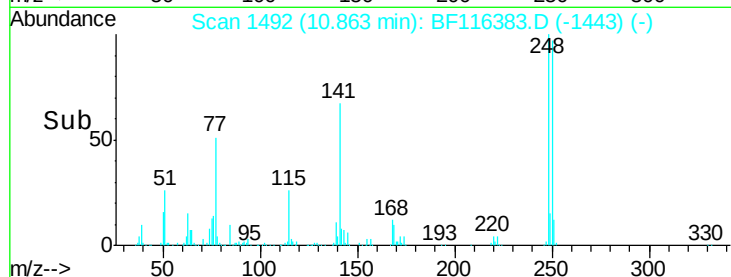
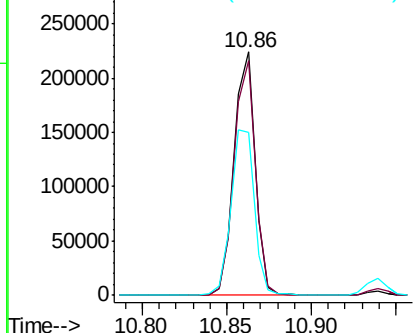
#67
 4-Bromophenyl-phenylether
 Concen: 40.243 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.2
141	66.9	56.8	85.2

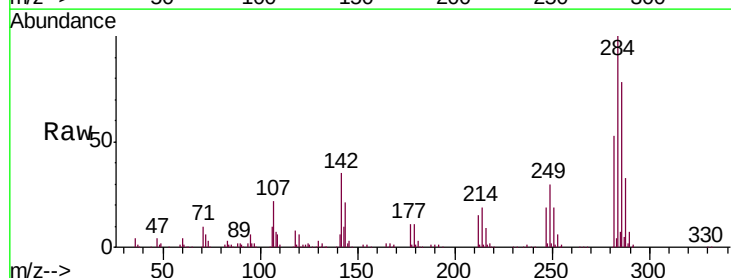


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

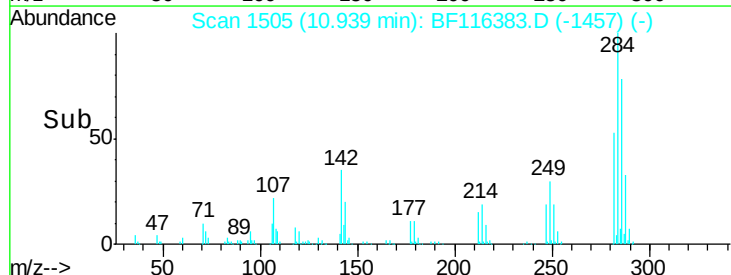
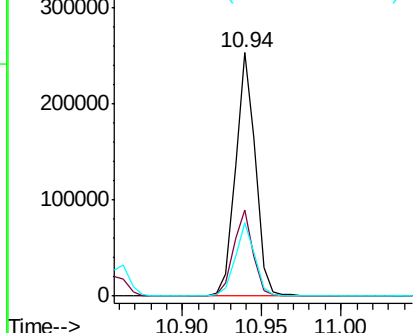


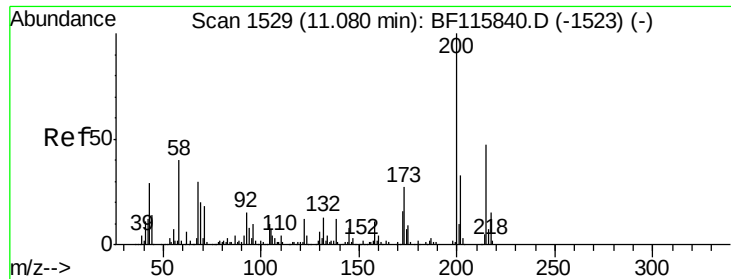
#68
 Hexachlorobenzene
 Concen: 39.115 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.02 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.4	42.6
249	29.9	24.5	36.7



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





#69

Atrazine

Concen: 37.315 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

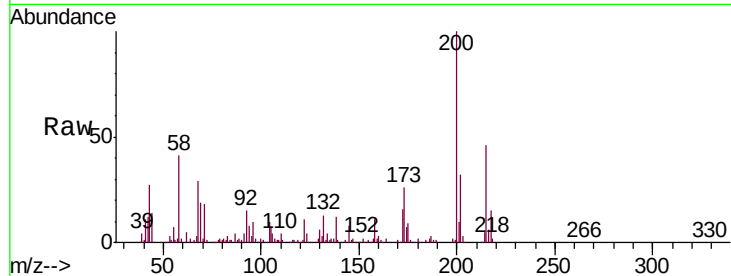
Tgt Ion:200 Resp: 167017

Ion Ratio Lower Upper

200 100

173 26.3 6.8 46.8

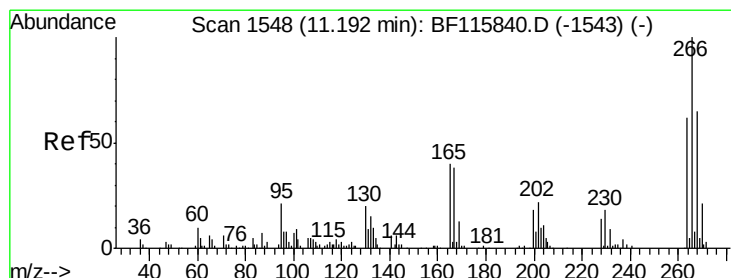
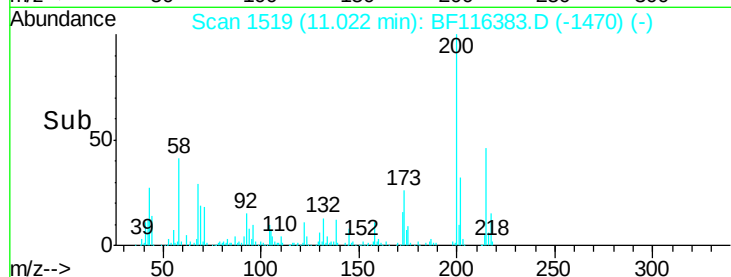
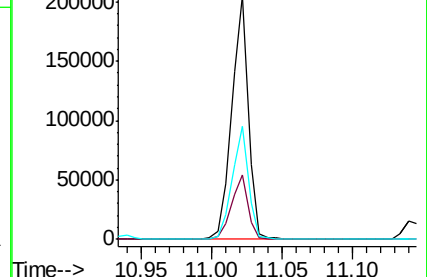
215 46.2 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 48.435 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

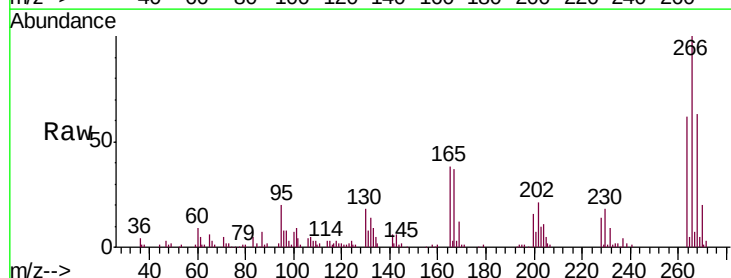
Tgt Ion:266 Resp: 131576

Ion Ratio Lower Upper

266 100

268 63.3 48.8 73.2

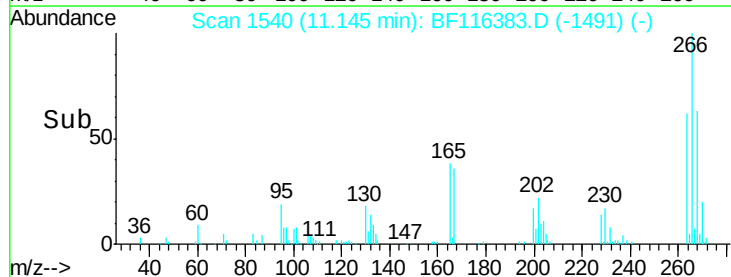
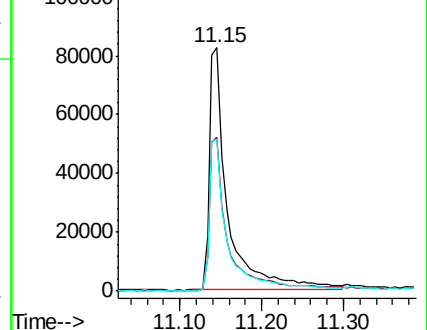
264 62.2 50.6 76.0

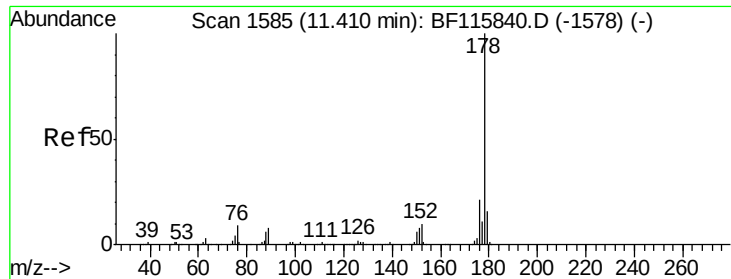


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

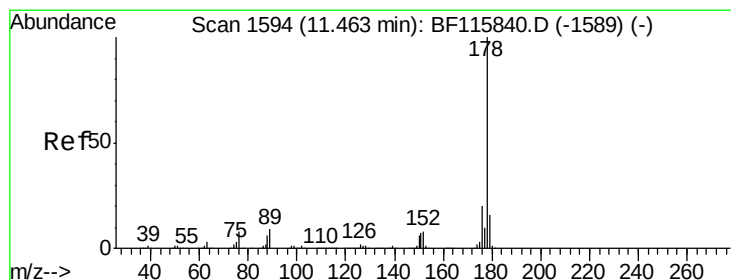
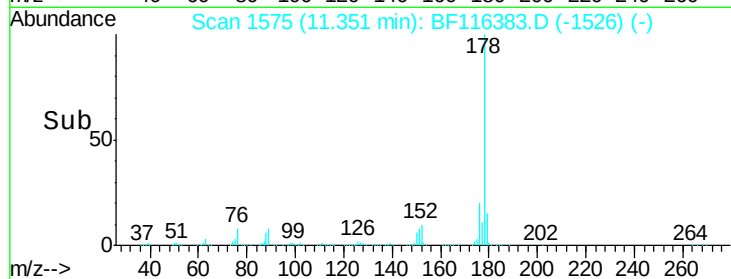
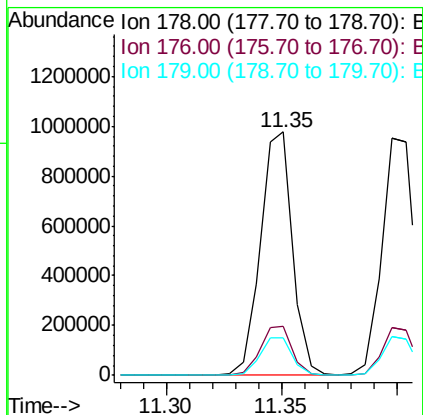
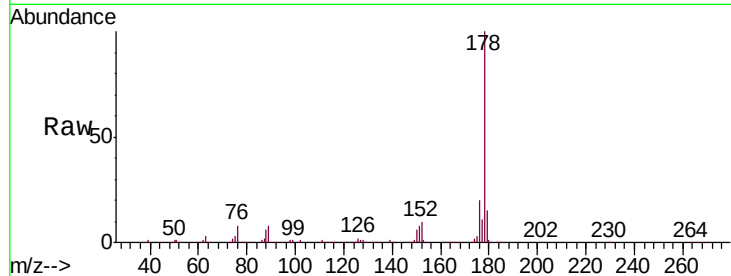




#71
Phenanthrene
Concen: 40.792 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

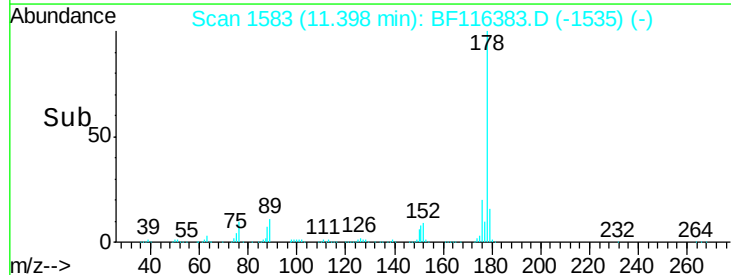
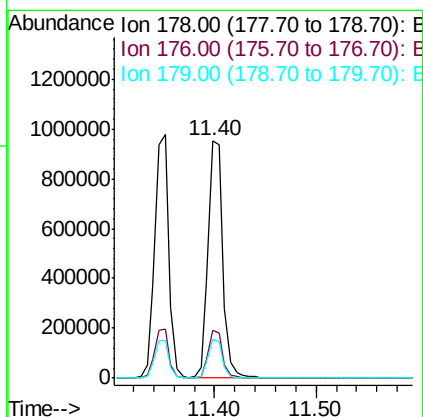
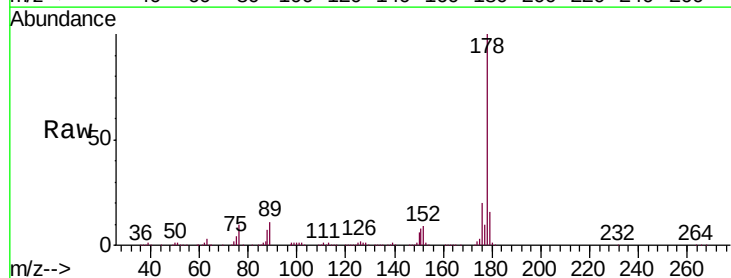
Instrument :
BNA_F
ClientSampleId :
PB122287BS

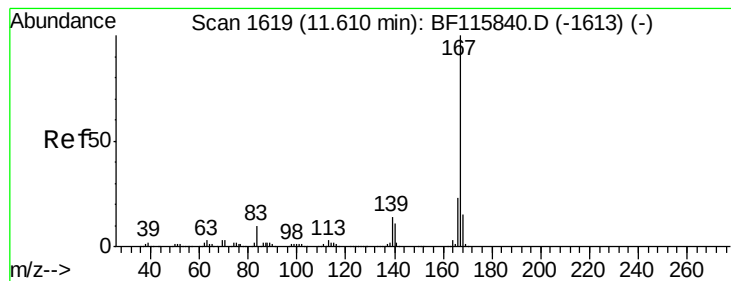
Tgt Ion:178 Resp: 942633
Ion Ratio Lower Upper
178 100
176 20.2 16.6 24.8
179 15.5 12.5 18.7



#72
Anthracene
Concen: 41.241 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion:178 Resp: 964476
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.1 13.0 19.6





#73

Carbazole

Concen: 41.013 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

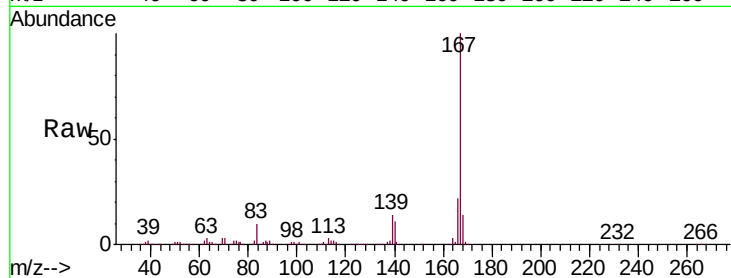
Tgt Ion:167 Resp: 870178

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

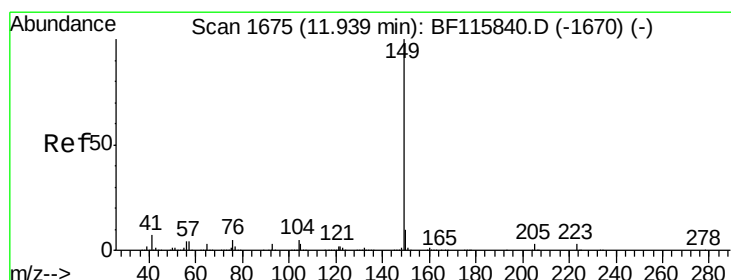
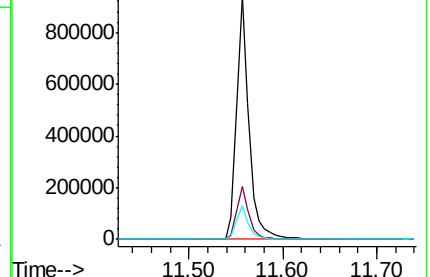
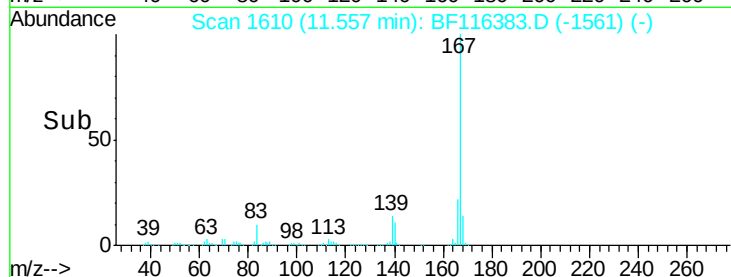
139 13.8 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.959 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

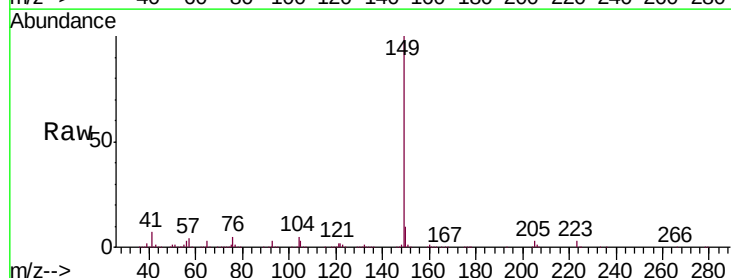
Tgt Ion:149 Resp: 1038520

Ion Ratio Lower Upper

149 100

150 9.6 8.0 12.0

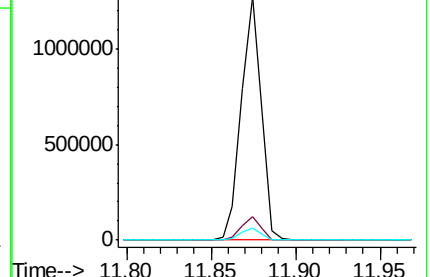
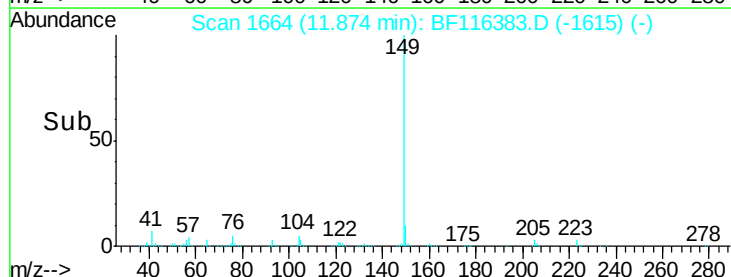
104 5.1 4.5 6.7

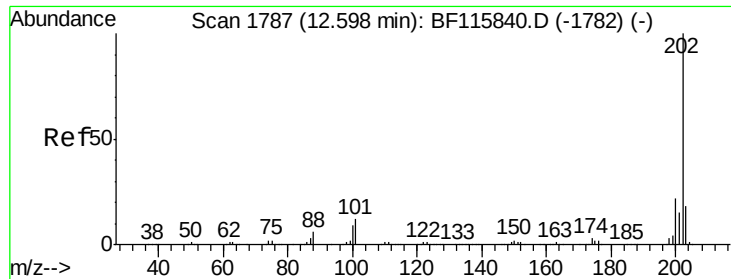


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

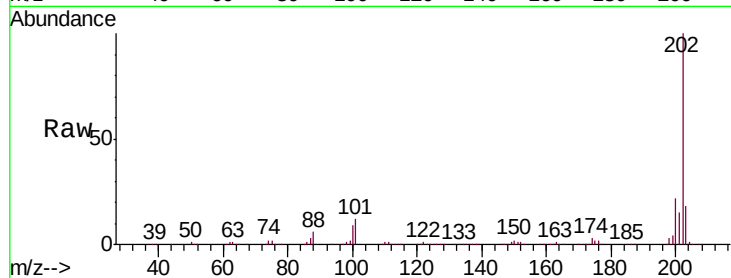




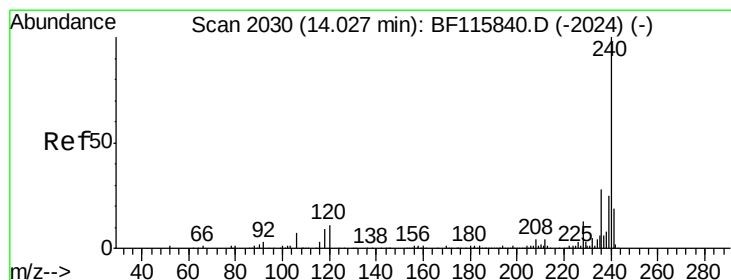
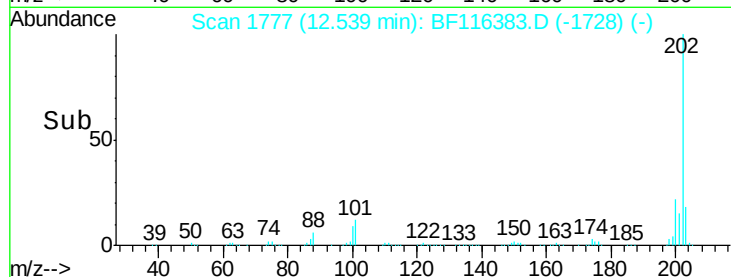
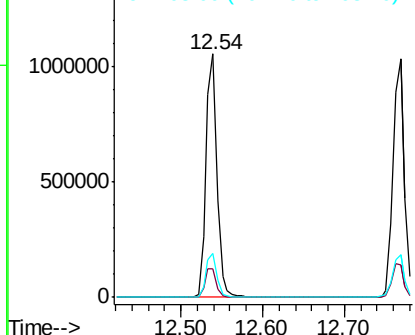
#75
 Fluoranthene
 Concen: 40.672 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampled :
 PB122287BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
203	17.9	0.0	37.8

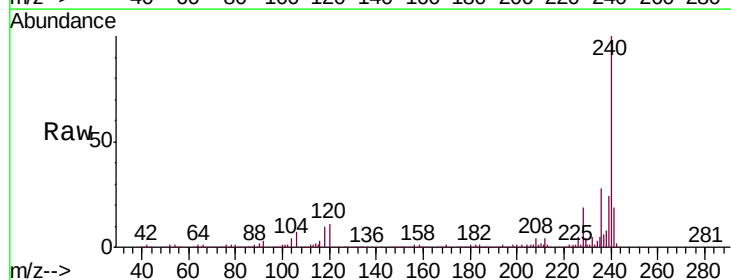


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

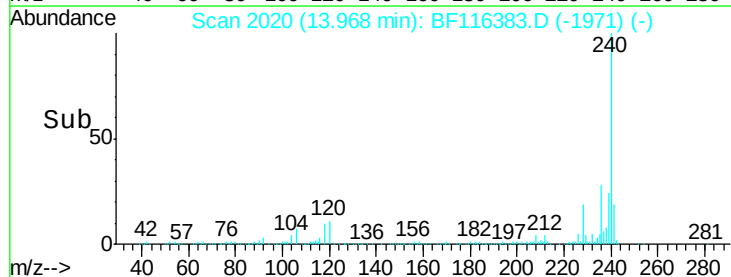
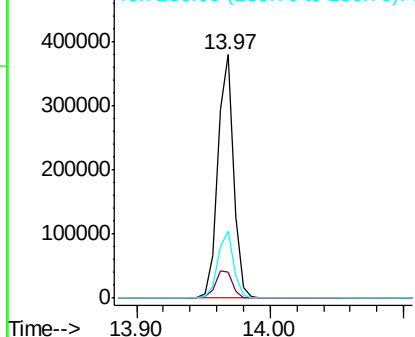


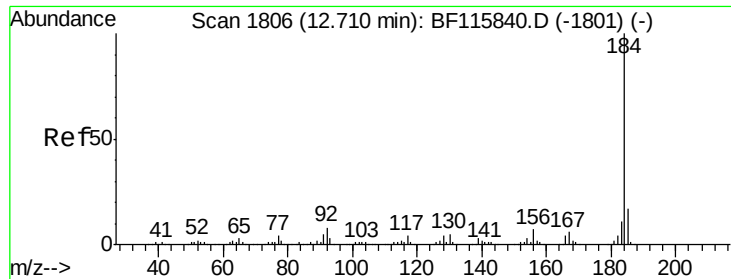
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116383.D
 Acq: 19 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.7	16.1#
236	27.6	22.2	33.2



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





#77

Benzidine

Concen: 19.624 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

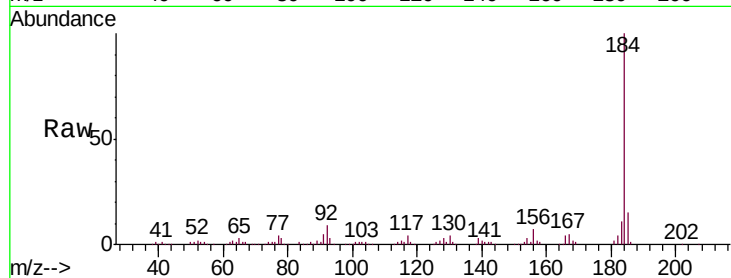
Tgt Ion:184 Resp: 210890

Ion Ratio Lower Upper

184 100

185 14.8 12.8 19.2

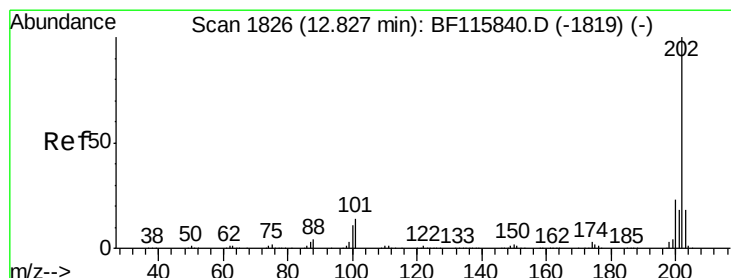
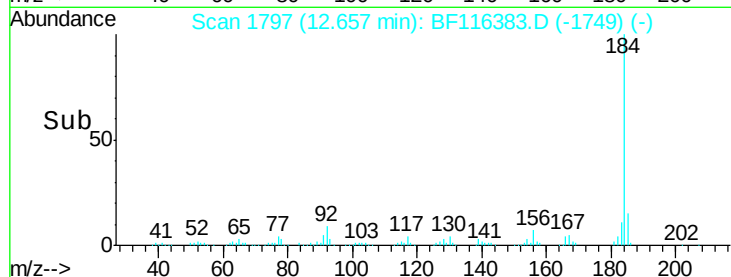
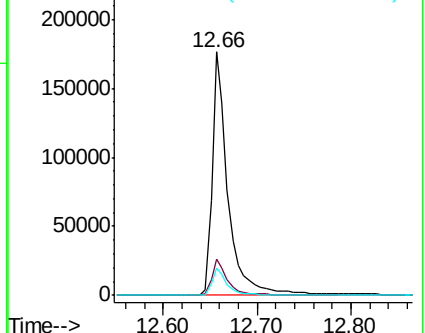
183 11.4 9.4 14.0



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: 41.819 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

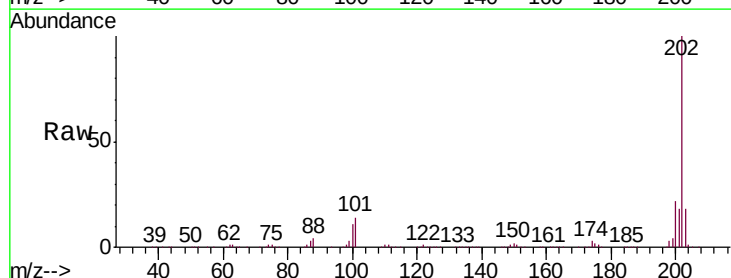
Tgt Ion:202 Resp: 1002755

Ion Ratio Lower Upper

202 100

200 22.3 18.0 27.0

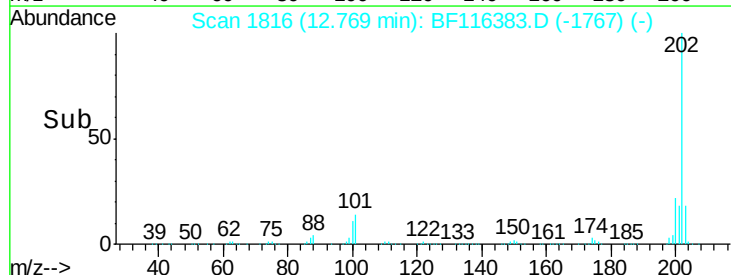
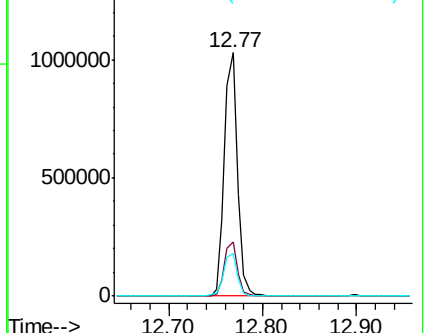
203 17.7 14.1 21.1

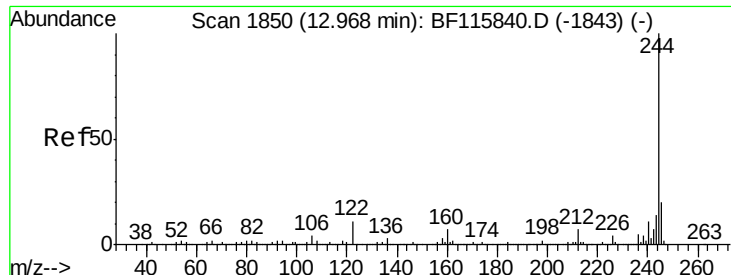


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.386 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

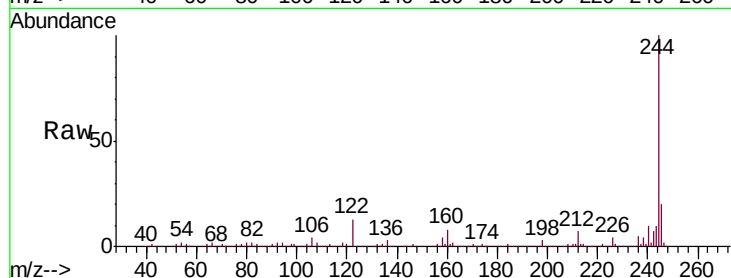
Tgt Ion:244 Resp: 1213489

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

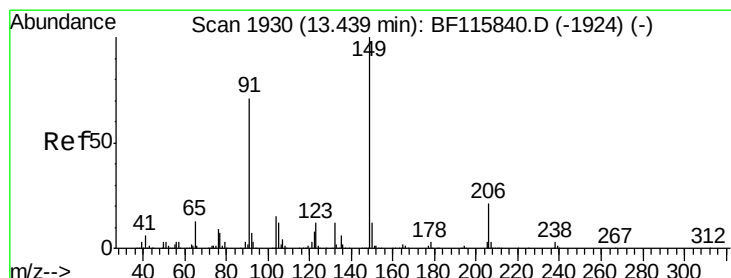
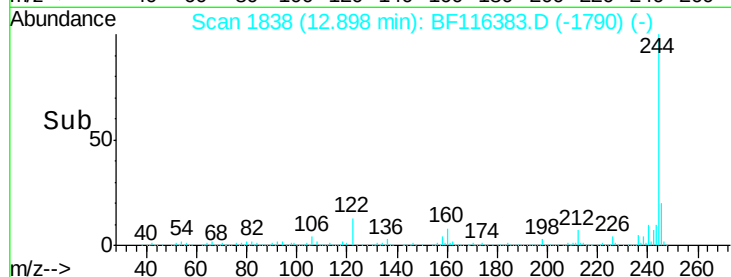
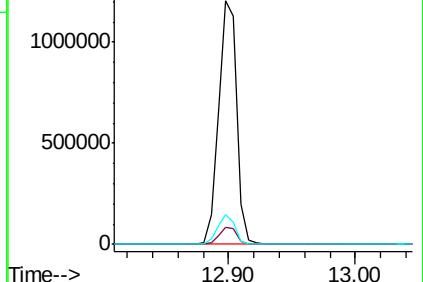
122 12.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.672 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

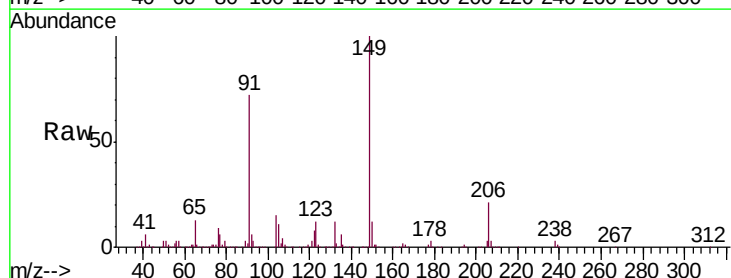
Tgt Ion:149 Resp: 432816

Ion Ratio Lower Upper

149 100

91 72.1 56.3 84.5

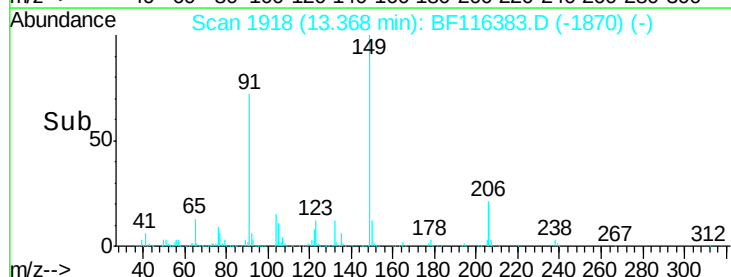
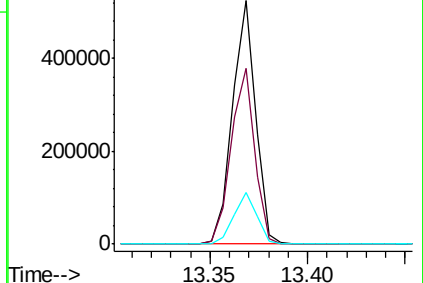
206 21.4 18.0 27.0

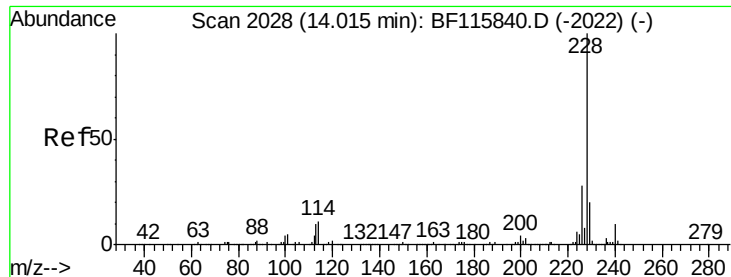


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.697 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

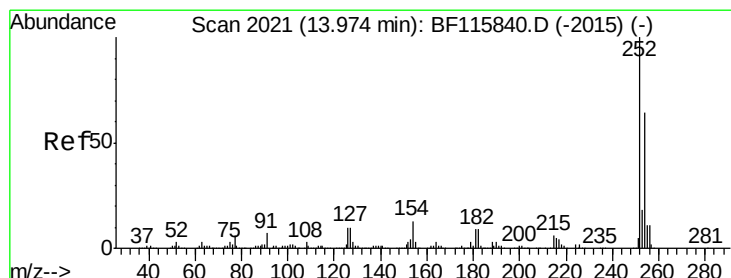
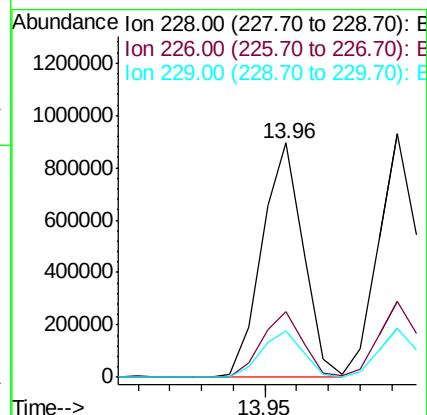
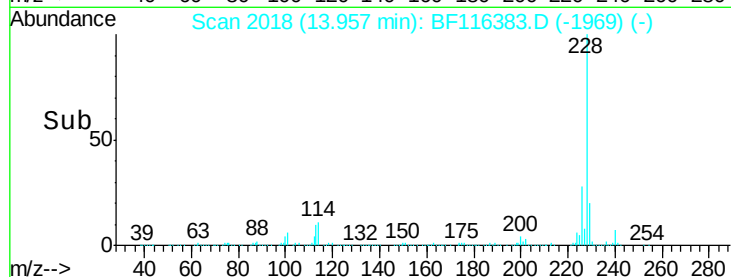
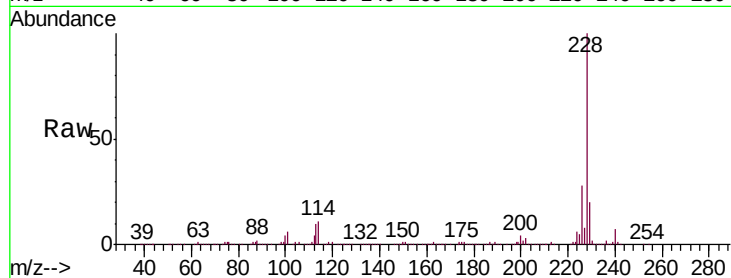
Tgt Ion:228 Resp: 807104

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

229 19.9 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 35.500 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

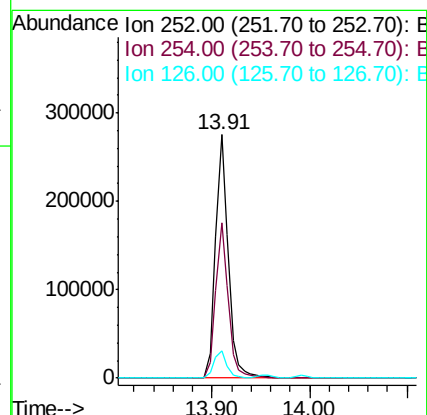
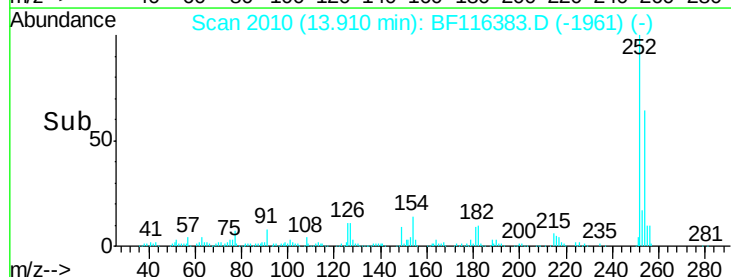
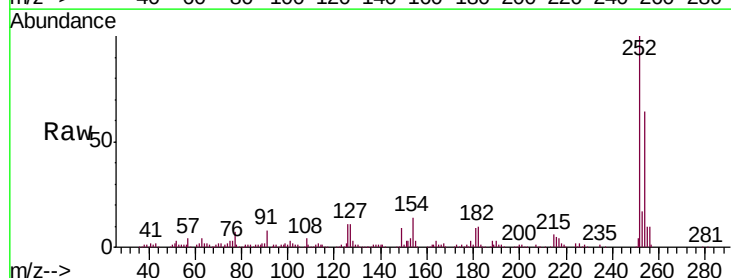
Tgt Ion:252 Resp: 250755

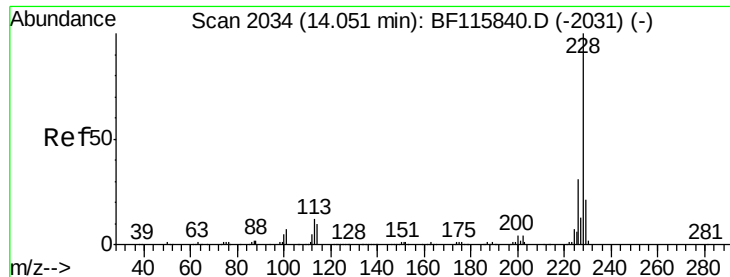
Ion Ratio Lower Upper

252 100

254 63.7 50.9 76.3

126 11.4 9.8 14.8





#83

Chrysene

Concen: 40.623 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

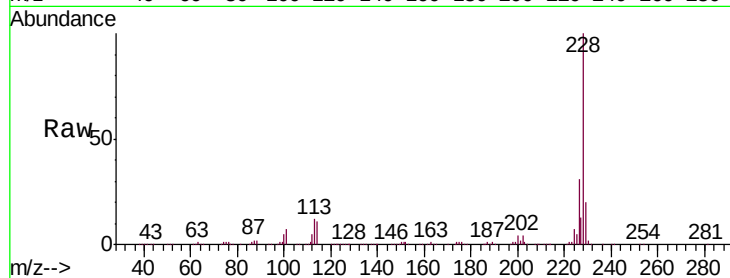
Tgt Ion:228 Resp: 801842

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

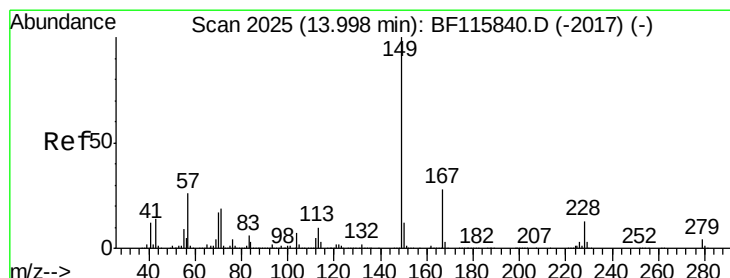
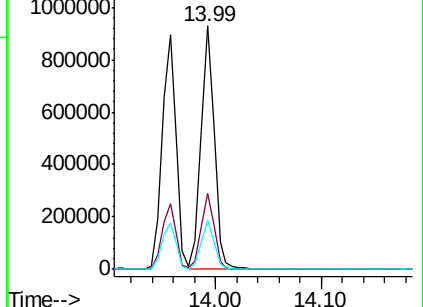
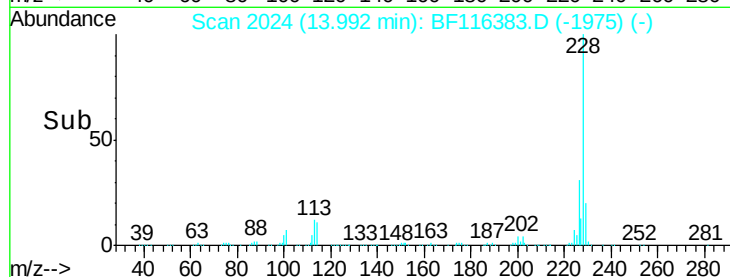
229 20.4 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.797 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

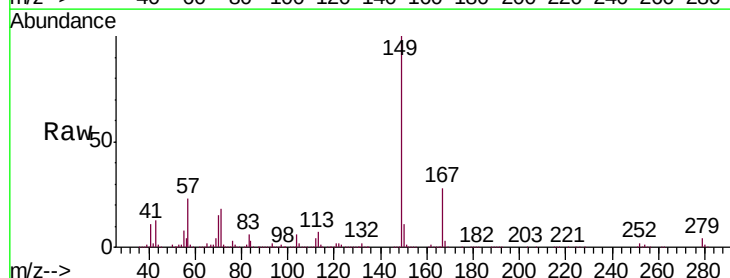
Tgt Ion:149 Resp: 590449

Ion Ratio Lower Upper

149 100

167 28.2 21.6 32.4

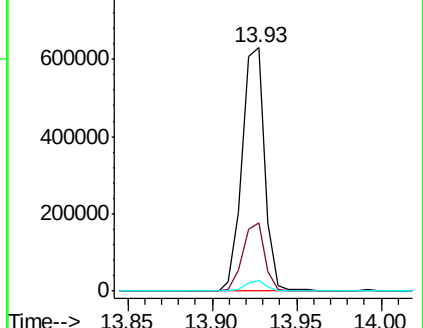
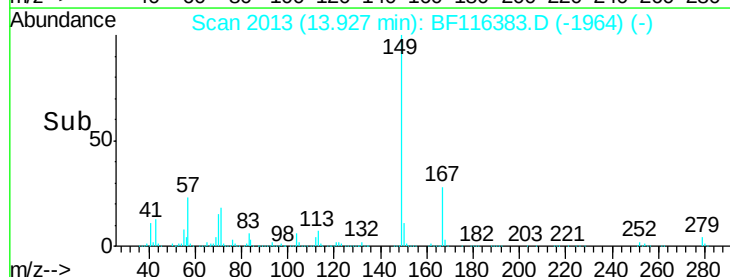
279 4.4 3.0 4.4

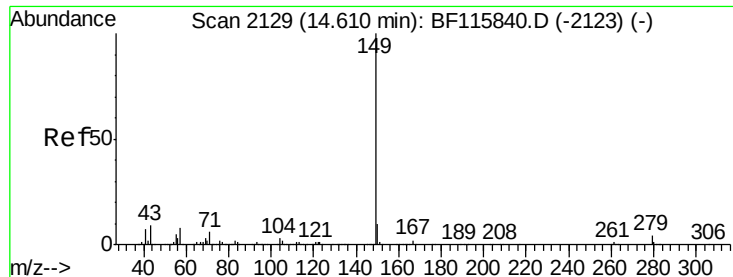


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

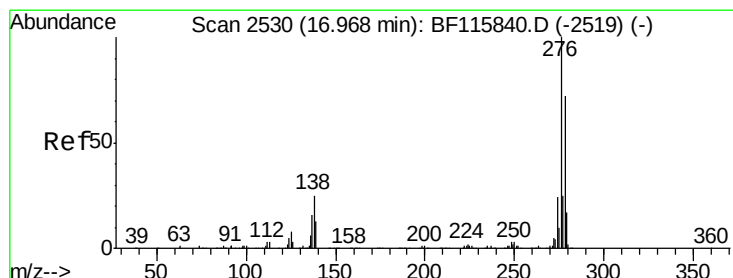
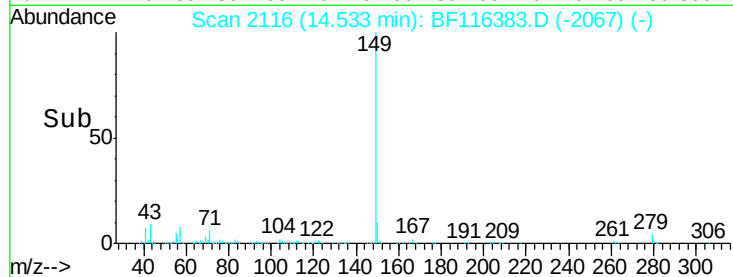
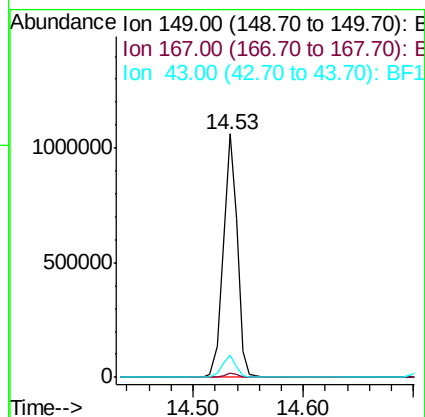
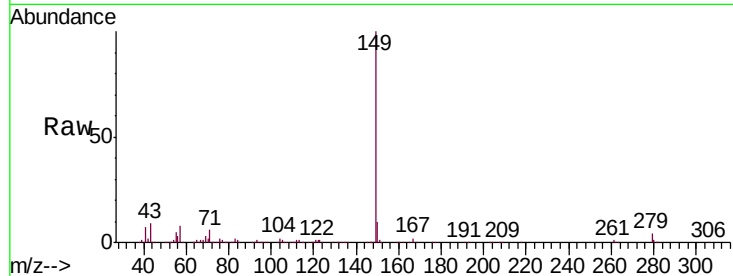




#85
Di-n-octyl phthalate
Concen: 44.737 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

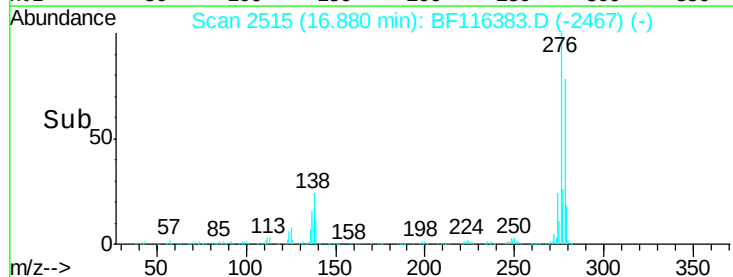
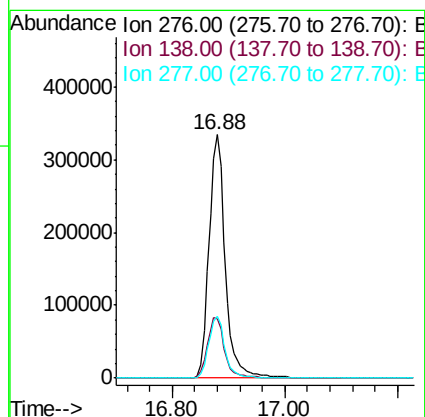
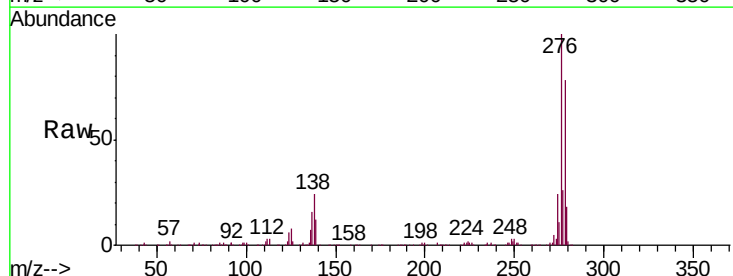
Instrument :
BNA_F
ClientSampleId :
PB122287BS

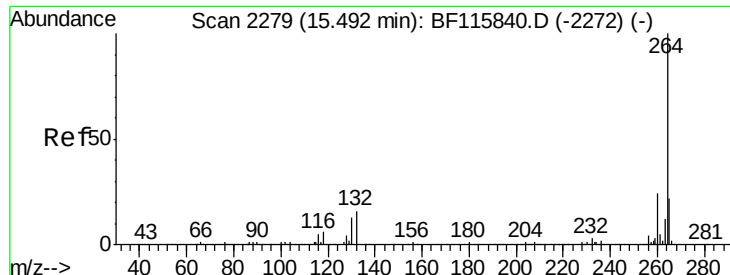
Tgt Ion:149 Resp: 936592
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.9 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.247 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion:276 Resp: 667232
Ion Ratio Lower Upper
276 100
138 26.1 20.4 30.6
277 25.5 20.0 30.0



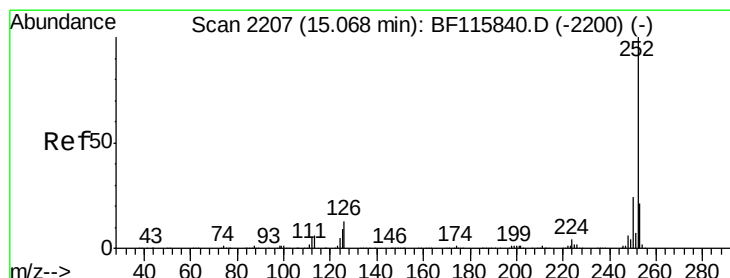
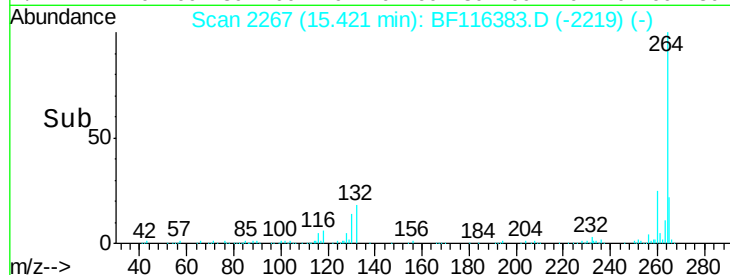
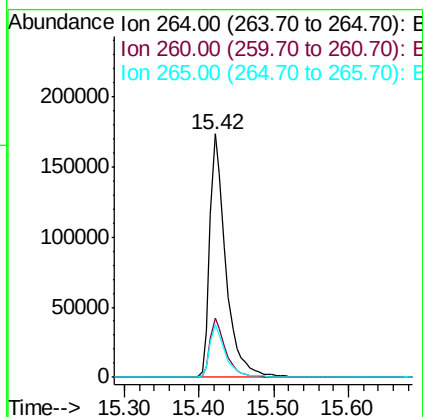
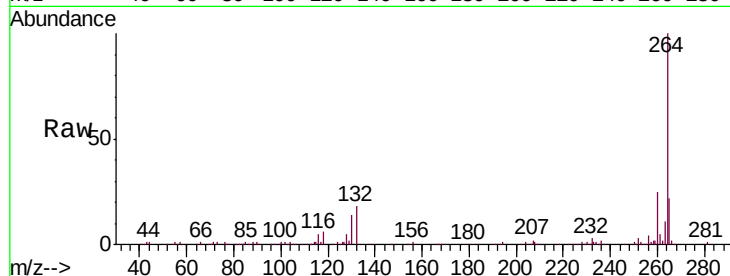


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB122287BS

Tgt Ion: 264 Resp: 257460

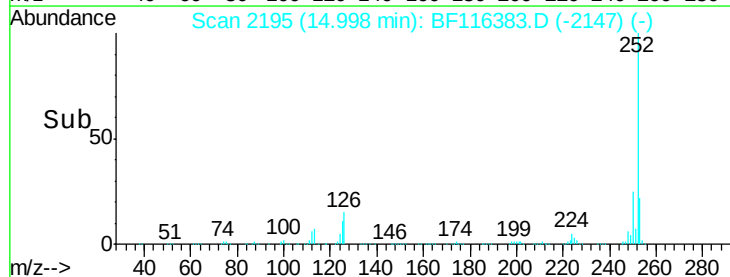
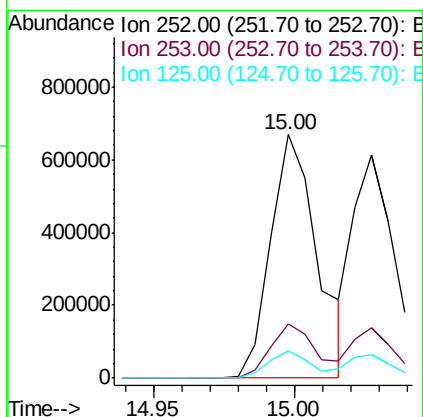
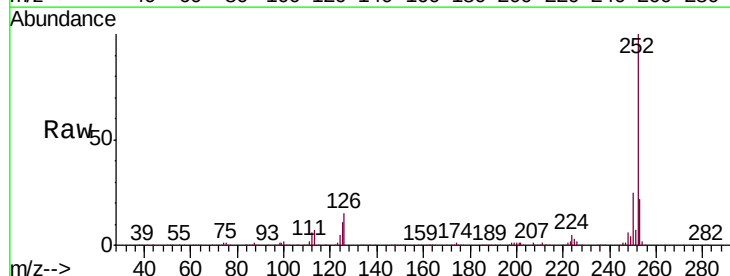
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.0	17.4	26.0

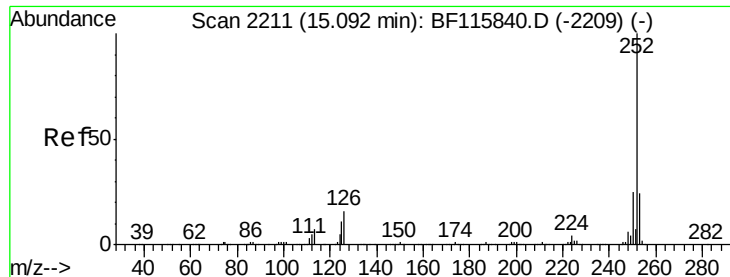


#88
Benzo(b)fluoranthene
Concen: 51.597 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion: 252 Resp: 768111

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.0	8.4	12.6

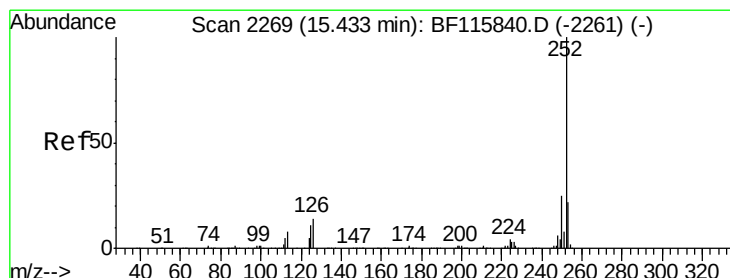
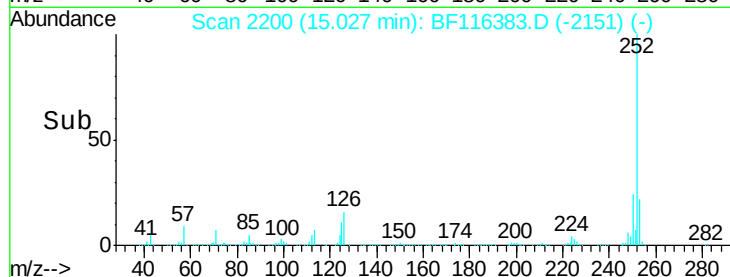
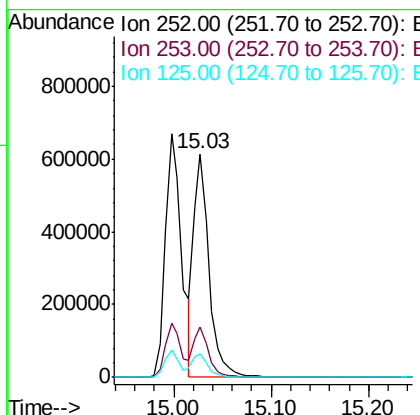
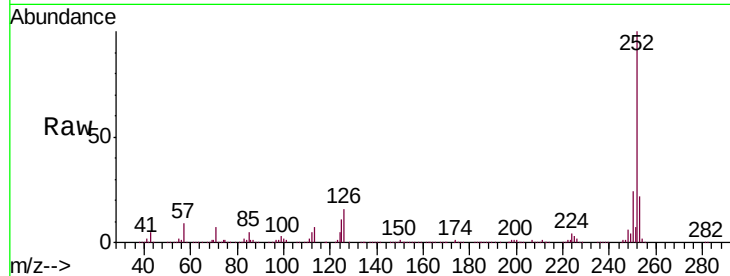




#89
Benzo(k)fluoranthene
Concen: 45.922 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

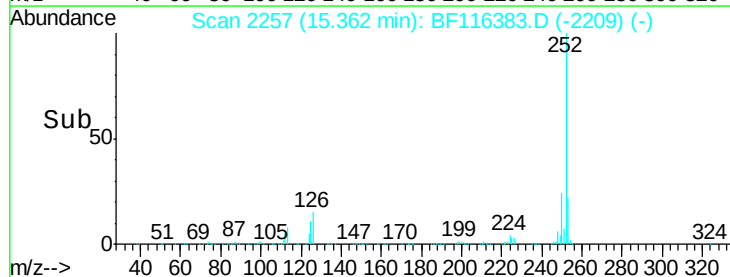
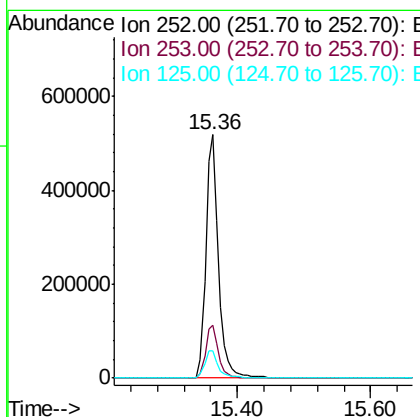
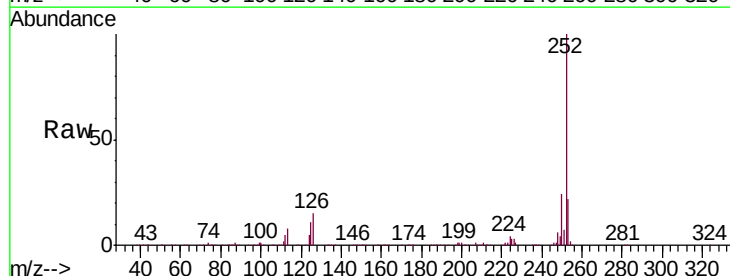
Instrument :
BNA_F
ClientSampleId :
PB122287BS

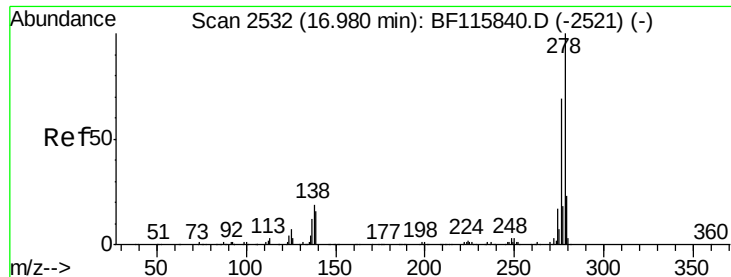
Tgt Ion:252 Resp: 665858
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 50.439 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116383.D
Acq: 19 Aug 2019 12:13

Tgt Ion:252 Resp: 671217
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 49.551 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB122287BS

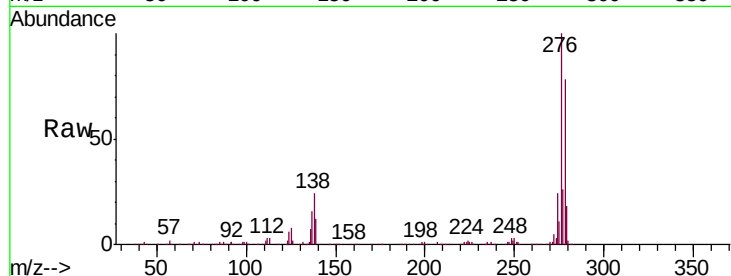
Tgt Ion:278 Resp: 570783

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

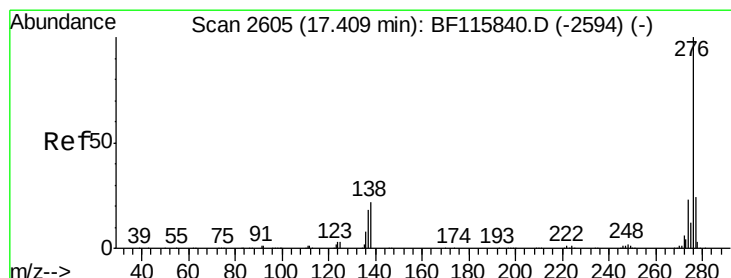
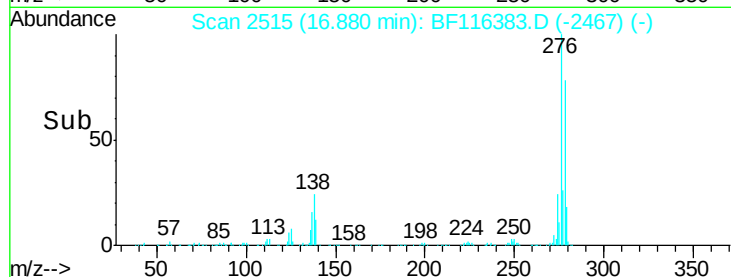
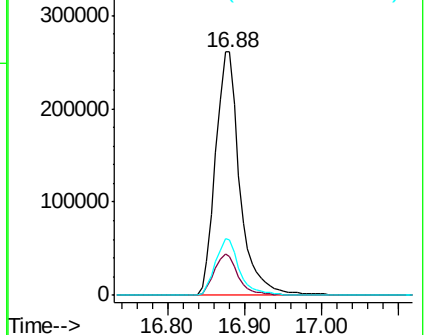
279 23.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.527 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.02 min

Lab File: BF116383.D

Acq: 19 Aug 2019 12:13

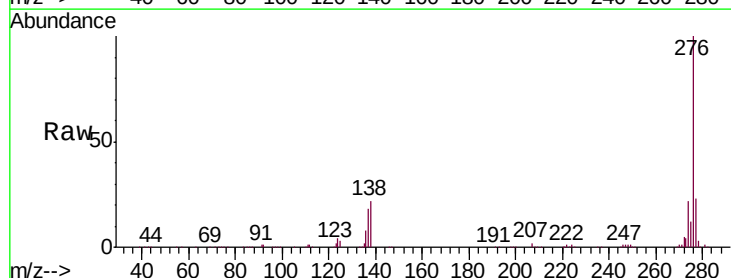
Tgt Ion:276 Resp: 560293

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 21.9 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

