

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
 Data File : BF116275.D
 Acq On : 15 Aug 2019 13:23
 Operator : HP/JU
 Sample : PB122172BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Quant Time: Aug 15 15:02:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	147245	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	622467	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	339158	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	576808	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	394130	20.00	ng	-0.03
87) Perylene-d12	15.44	264	345276	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1018936	115.85	ng	-0.01
7) Phenol-d6	6.46	99	1264931	113.99	ng	-0.02
23) Nitrobenzene-d5	7.39	82	849867	78.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	365631	111.19	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1478721	81.67	ng	-0.03
79) Terphenyl-d14	12.92	244	1570904	83.99	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	177371	39.917	ng	99
3) Pyridine	3.43	79	416909	33.588	ng	97
4) n-Nitrosodimethylamine	3.39	42	189483	38.682	ng	100
6) Aniline	6.49	93	462283	29.088	ng	# 91
8) 2-Chlorophenol	6.61	128	443997	45.649	ng	100
9) Benzaldehyde	6.37	77	161071	21.036	ng	99
10) Phenol	6.47	94	550598	42.133	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	426920	44.434	ng	99
12) 1,3-Dichlorobenzene	6.76	146	464557	41.329	ng	100
13) 1,4-Dichlorobenzene	6.83	146	475854	42.280	ng	99
14) 1,2-Dichlorobenzene	6.99	146	437341	42.201	ng	99
15) Benzyl Alcohol	6.97	79	349936	41.552	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	553623	42.245	ng	90
17) 2-Methylphenol	7.08	107	369319	44.844	ng	98
18) Hexachloroethane	7.32	117	175107	42.258	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	300852	43.749	ng	99
20) 3+4-Methylphenols	7.23	107	445033	45.664	ng	99
22) Acetophenone	7.23	105	592029	43.367	ng	97
24) Nitrobenzene	7.40	77	496486	42.639	ng	98
25) Isophorone	7.64	82	918092	44.524	ng	99
26) 2-Nitrophenol	7.72	139	247885	45.163	ng	94
27) 2,4-Dimethylphenol	7.76	122	401812	48.659	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	562667	44.025	ng	100
29) 2,4-Dichlorophenol	7.96	162	397063	45.540	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	423296	42.590	ng	99
31) Naphthalene	8.12	128	1296935	44.276	ng	99
32) Benzoic acid	7.92	122	233422	40.094	ng	99
33) 4-Chloroaniline	8.17	127	356047	27.204	ng	98
34) Hexachlorobutadiene	8.23	225	235351	41.111	ng	99
35) Caprolactam	8.55	113	61045	21.648	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	413299	45.565	ng	98
37) 2-Methylnaphthalene	8.81	142	859335	44.545	ng	100
38) 1-Methylnaphthalene	8.91	142	804676	44.091	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	398576	43.959	ng	100

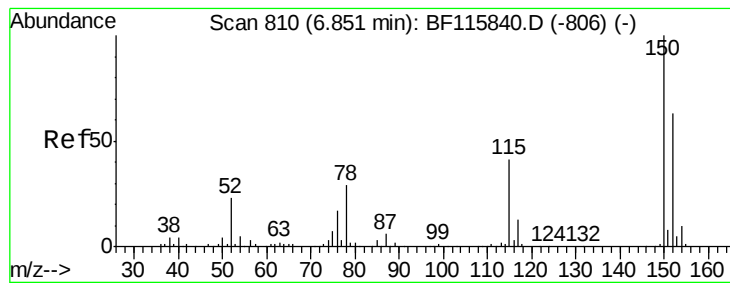
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
 Data File : BF116275.D
 Acq On : 15 Aug 2019 13:23
 Operator : HP/JU
 Sample : PB122172BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Quant Time: Aug 15 15:02:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	174600	45.641	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	256433	41.089	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	269823	41.825	ng	99
46) 1,1'-Biphenyl	9.27	154	1056607	44.127	ng	99
47) 2-Chloronaphthalene	9.30	162	832839	41.791	ng	97
48) 2-Nitroaniline	9.40	65	258561	39.252	ng	96
49) Acenaphthylene	9.72	152	1221438	42.011	ng	99
50) Dimethylphthalate	9.57	163	991317	42.927	ng	100
51) 2,6-Dinitrotoluene	9.65	165	217212	43.282	ng	94
52) Acenaphthene	9.89	154	751168	42.114	ng	99
53) 3-Nitroaniline	9.82	138	169560	27.344	ng	98
54) 2,4-Dinitrophenol	9.94	184	182738	72.414	ng	90
55) Dibenzofuran	10.06	168	1051221	40.526	ng	100
56) 4-Nitrophenol	10.00	139	270542	68.106	ng	90
57) 2,4-Dinitrotoluene	10.06	165	257089	38.477	ng	94
58) Fluorene	10.40	166	851610	42.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	230295	42.431	ng	99
60) Diethylphthalate	10.27	149	936515	43.437	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	438558	43.391	ng	97
62) 4-Nitroaniline	10.44	138	212676	33.187	ng	99
63) Azobenzene	10.55	77	962470	43.402	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	142166	46.510	ng	98
66) n-Nitrosodiphenylamine	10.51	169	777041	44.757	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	270943	43.879	ng	98
68) Hexachlorobenzene	10.96	284	302659	42.389	ng	99
69) Atrazine	11.04	200	242449	42.449	ng	99
70) Pentachlorophenol	11.16	266	258550	74.586	ng	97
71) Phenanthrene	11.37	178	1240220	42.059	ng	100
72) Anthracene	11.42	178	1286574	43.112	ng	99
73) Carbazole	11.57	167	1163917	42.989	ng	99
74) Di-n-butylphthalate	11.89	149	1427566	45.199	ng	99
75) Fluoranthene	12.56	202	1293609	41.904	ng	100
77) Benzidine	12.67	184	420392	31.572	ng	98
78) Pyrene	12.79	202	1295135	43.592	ng	99
80) Butylbenzylphthalate	13.39	149	608117	48.388	ng	97
81) Benzo(a)anthracene	13.97	228	1082491	42.971	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	342051	39.083	ng	99
83) Chrysene	14.01	228	1084242	44.333	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	860925	52.716	ng	# 97
85) Di-n-octyl phthalate	14.55	149	1376812	53.077	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	911616	44.380	ng	100
88) Benzo(b)fluoranthene	15.02	252	950981	47.634	ng	99
89) Benzo(k)fluoranthene	15.04	252	977440	50.266	ng	99
90) Benzo(a)pyrene	15.38	252	907177	50.832	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	765285	49.539	ng	99
92) Benzo(g,h,i)perylene	17.34	276	762743	50.275	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

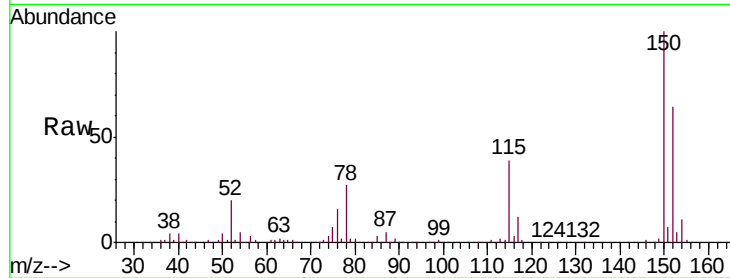
Tgt Ion: 152 Resp: 147245

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

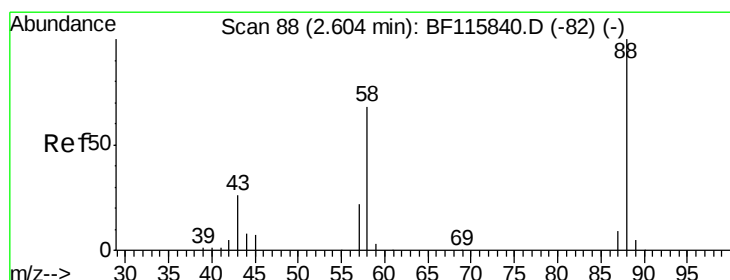
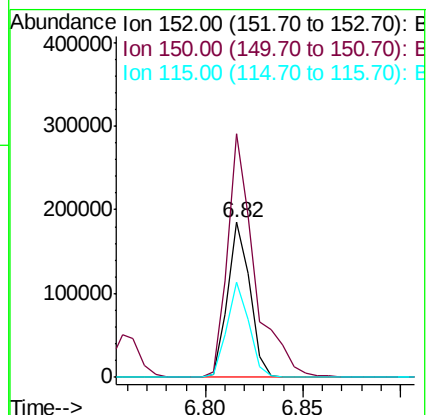
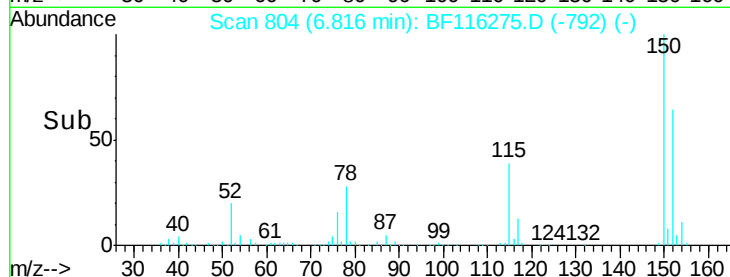
115 61.0 49.9 74.9



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



#2

1,4-Dioxane

Concen: 39.917 ng

RT: 2.69 min Scan# 102

Delta R.T. 0.08 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

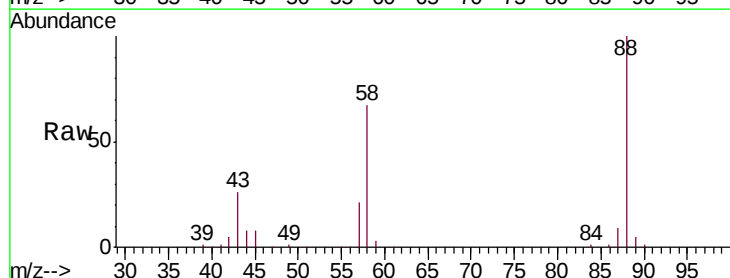
Tgt Ion: 88 Resp: 177371

Ion Ratio Lower Upper

88 100

58 66.9 53.7 80.5

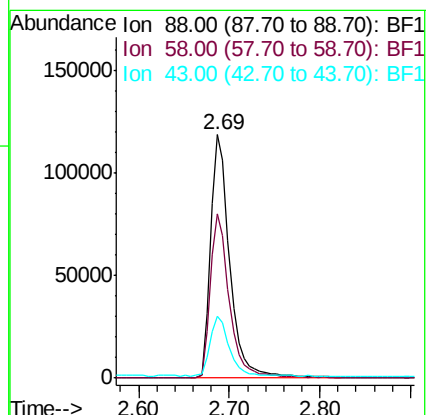
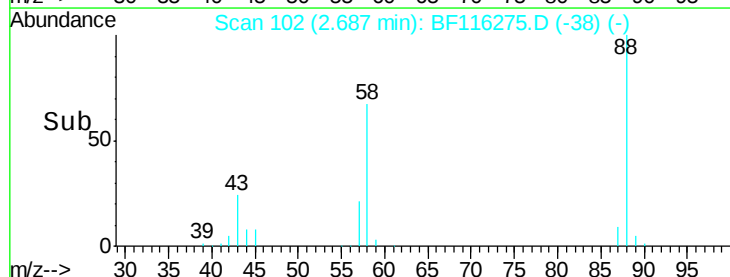
43 24.9 21.0 31.4

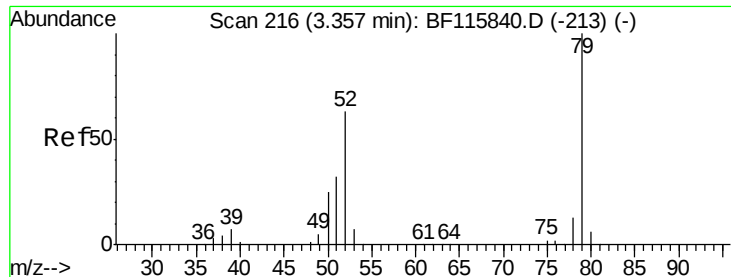


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 33.588 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.07 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

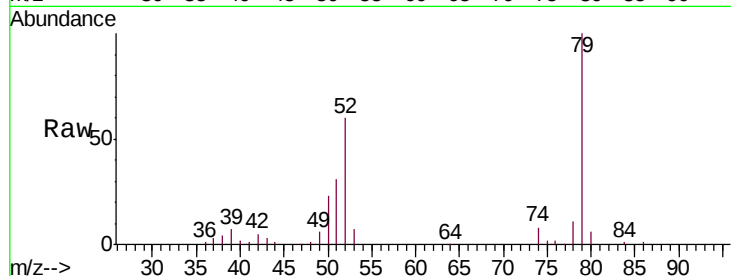
Tgt Ion: 79 Resp: 416909

Ion Ratio Lower Upper

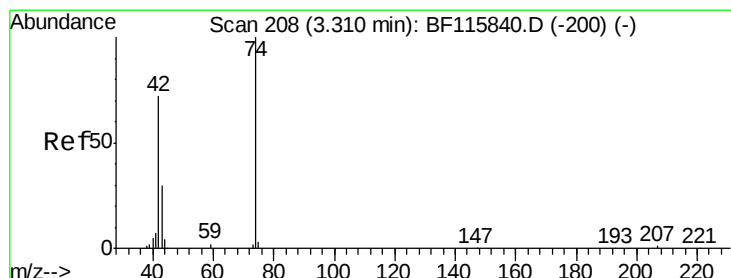
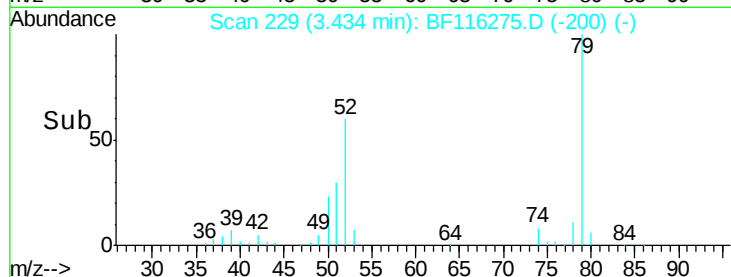
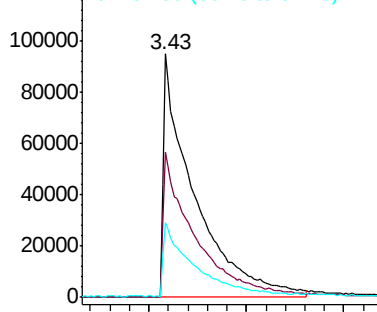
79 100

52 59.5 49.8 74.8

51 30.5 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.682 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

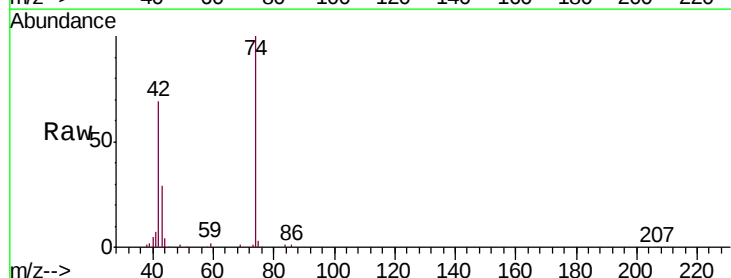
Tgt Ion: 42 Resp: 189483

Ion Ratio Lower Upper

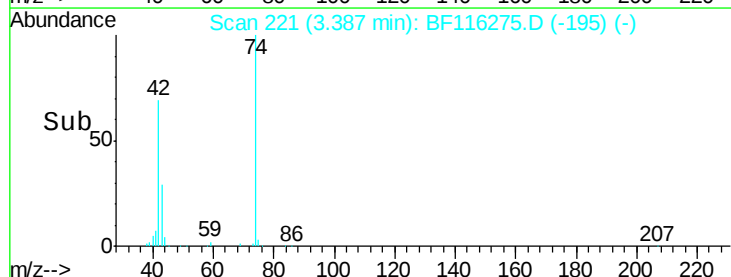
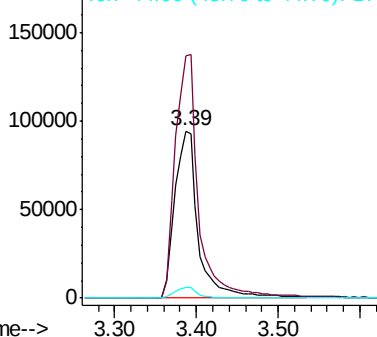
42 100

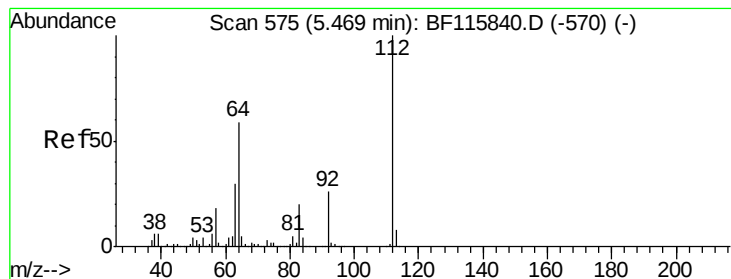
74 144.9 116.0 174.0

44 6.4 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.845 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

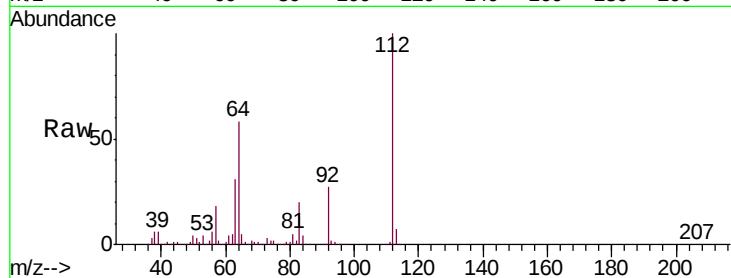
Tgt Ion:112 Resp: 1018936

Ion Ratio Lower Upper

112 100

64 58.3 45.4 68.2

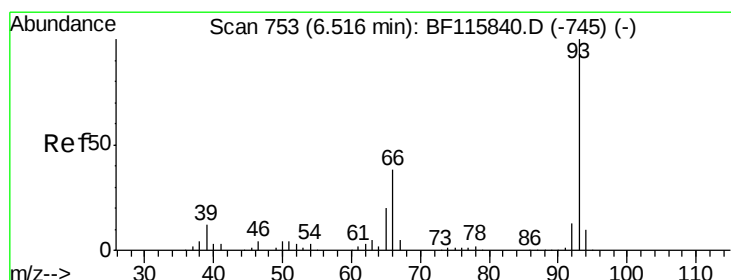
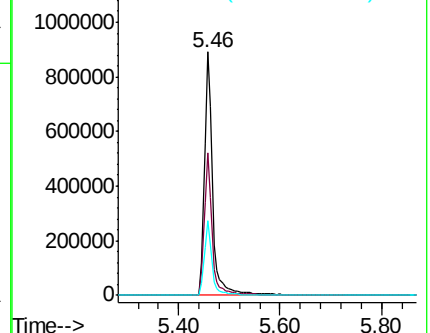
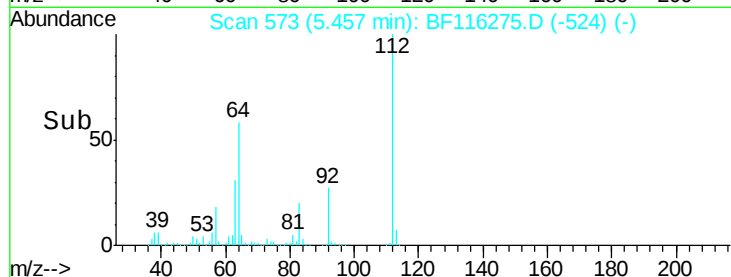
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.088 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

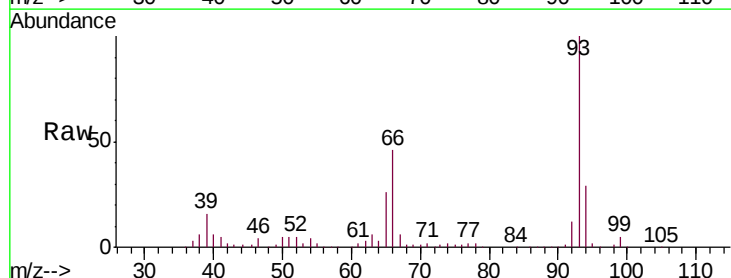
Tgt Ion: 93 Resp: 462283

Ion Ratio Lower Upper

93 100

66 45.7 32.2 48.4

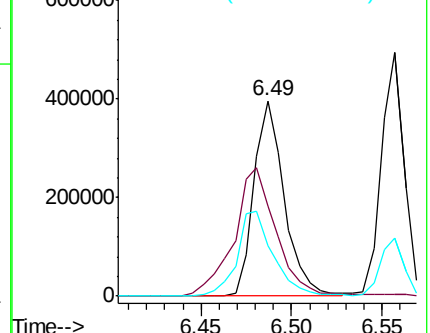
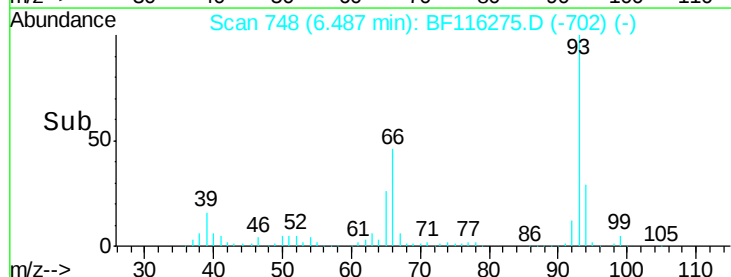
65 25.6 17.0 25.6#



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





#7

Phenol-d6

Concen: 113.986 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

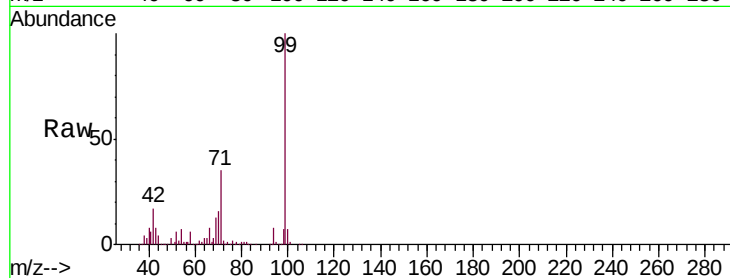
Tgt Ion: 99 Resp: 1264931

Ion Ratio Lower Upper

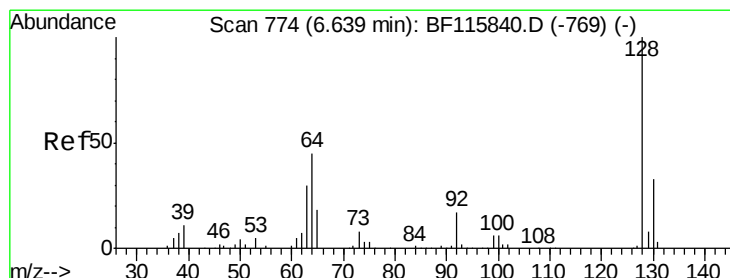
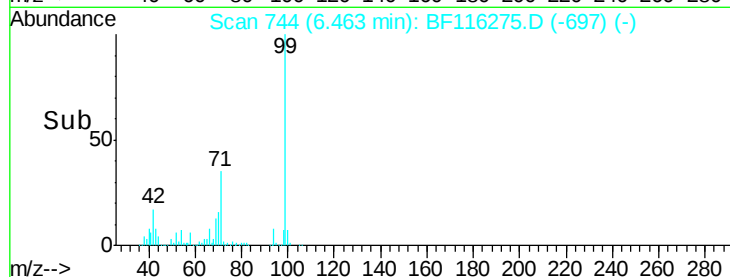
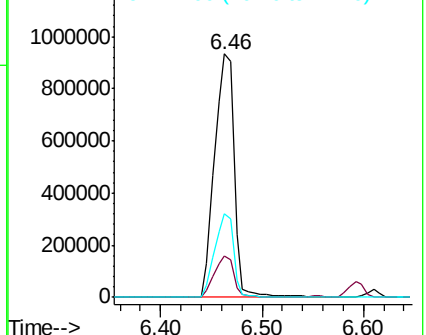
99 100

42 16.9 13.8 20.8

71 34.5 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: 45.649 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

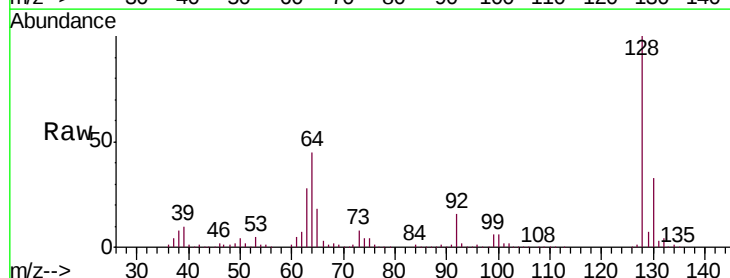
Tgt Ion: 128 Resp: 443997

Ion Ratio Lower Upper

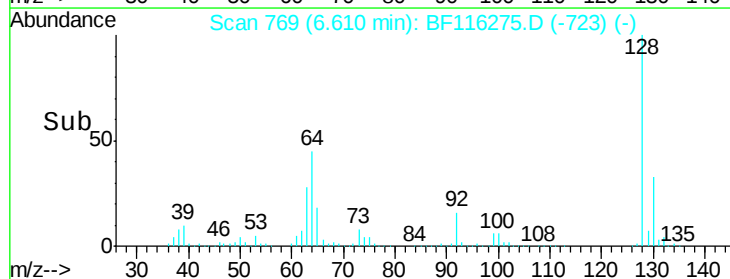
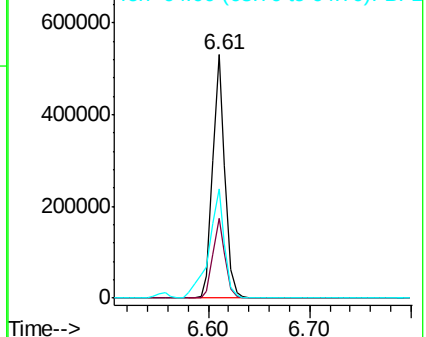
128 100

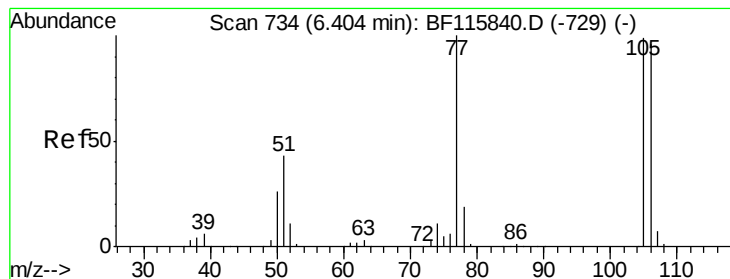
130 32.7 12.9 52.9

64 44.7 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: 21.036 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

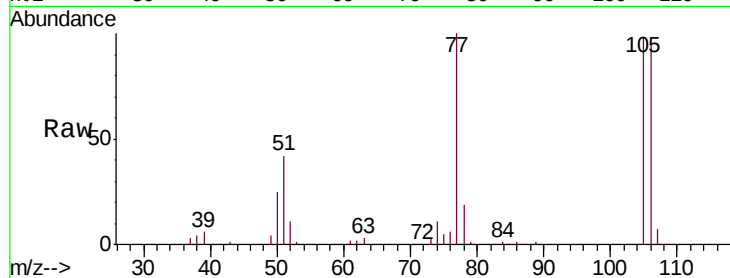
Tgt Ion: 77 Resp: 161071

Ion Ratio Lower Upper

77 100

105 97.6 79.2 119.2

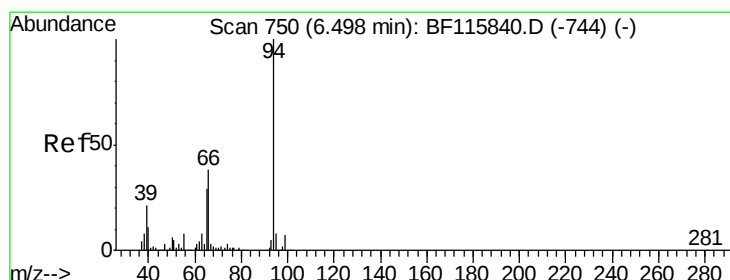
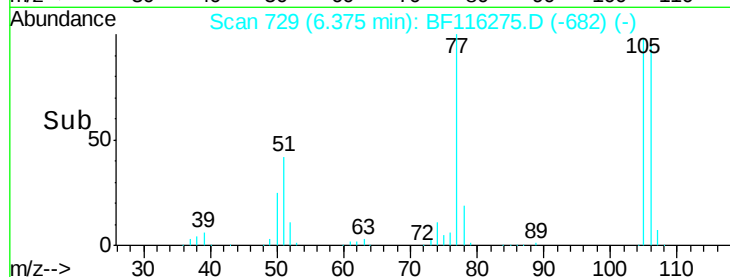
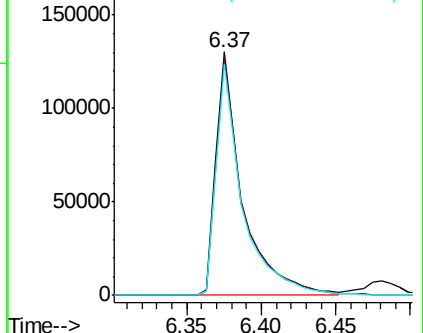
106 94.7 74.3 114.3



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: 42.133 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

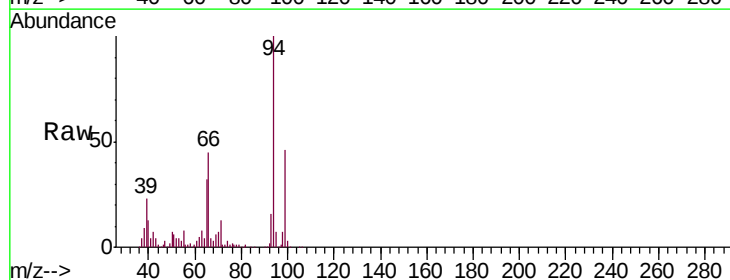
Tgt Ion: 94 Resp: 550598

Ion Ratio Lower Upper

94 100

65 31.6 16.8 56.8

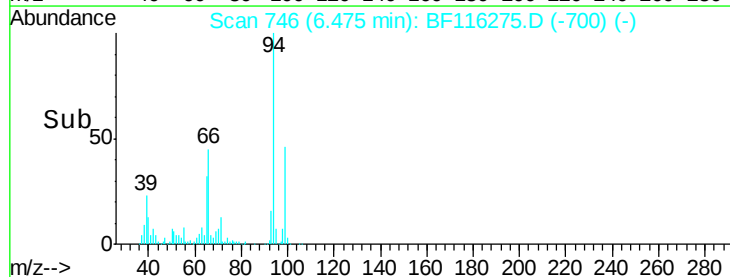
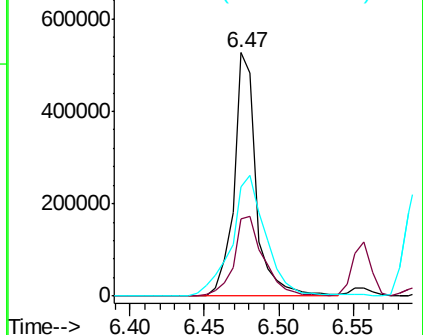
66 44.8 34.2 74.2

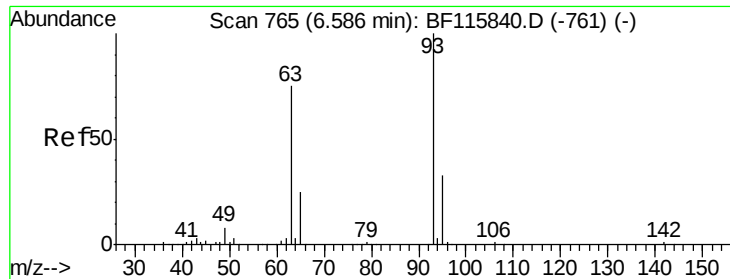


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

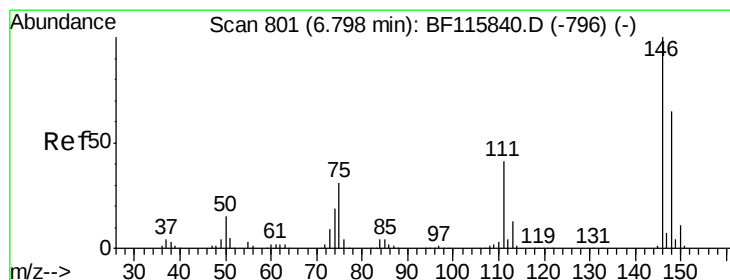
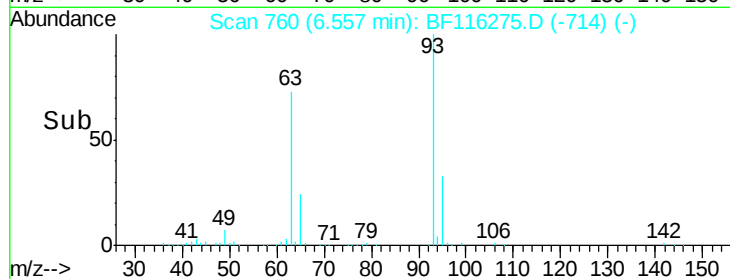
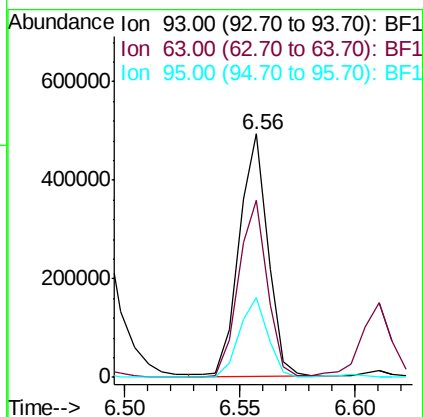
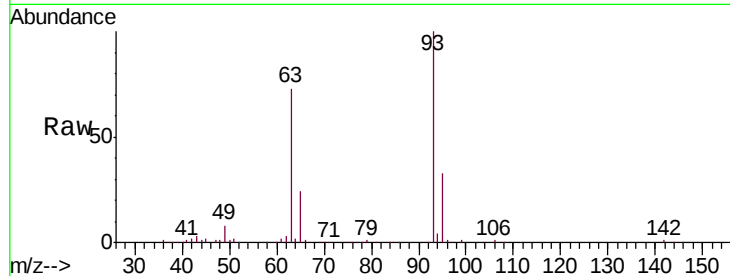




#11
 bis(2-Chloroethyl)ether
 Concen: 44.434 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

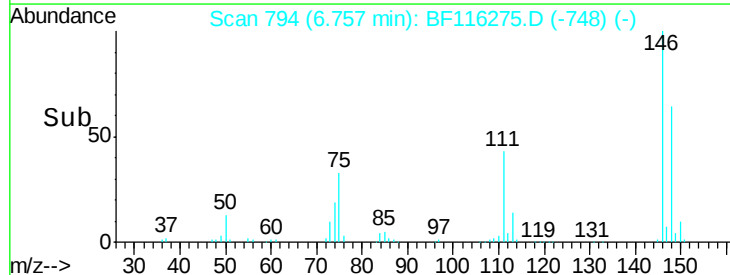
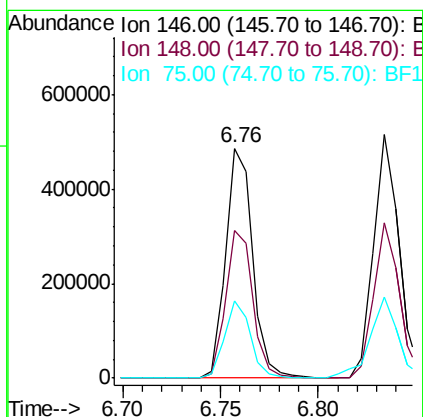
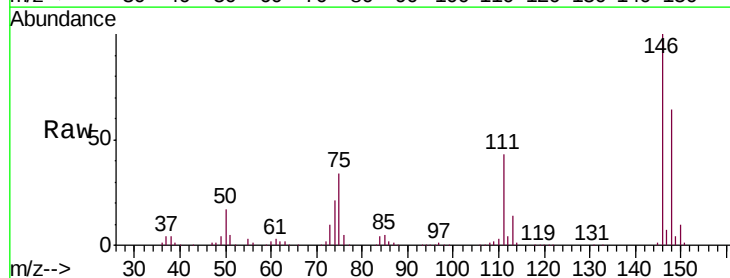
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

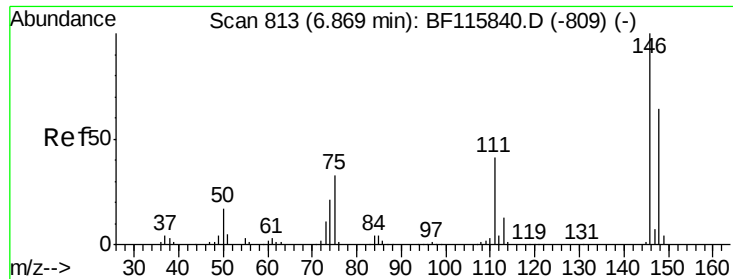
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.9	91.9
95	32.8	13.0	53.0



#12
 1,3-Dichlorobenzene
 Concen: 41.329 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
75	33.8	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 42.280 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

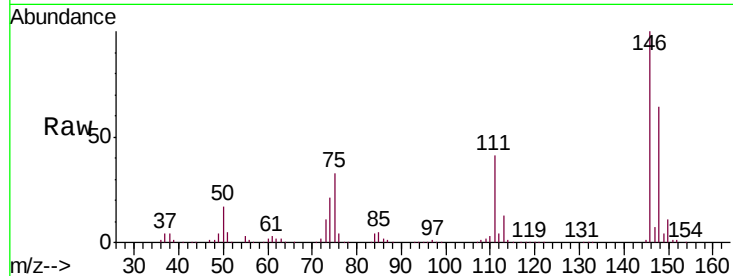
Tgt Ion:146 Resp: 475854

Ion Ratio Lower Upper

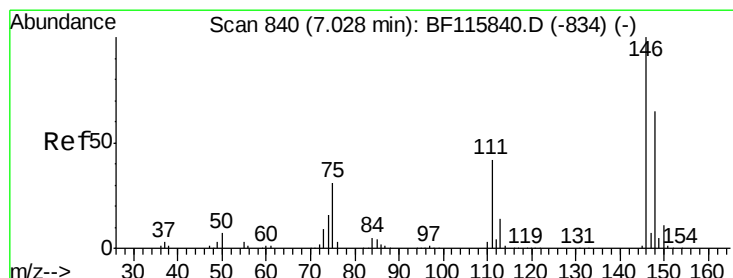
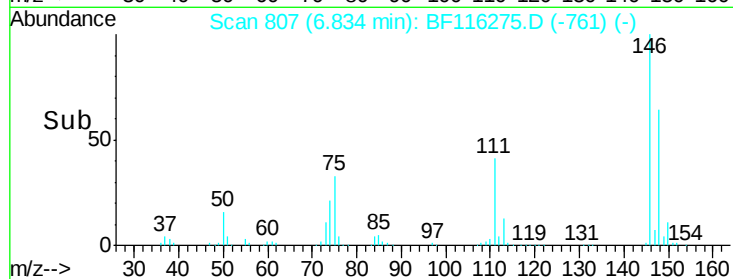
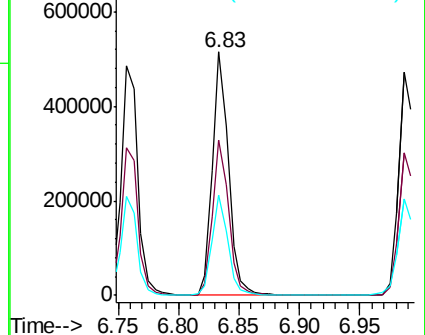
146 100

148 63.9 51.3 76.9

111 41.1 34.0 51.0



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



#14

1,2-Dichlorobenzene

Concen: 42.201 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

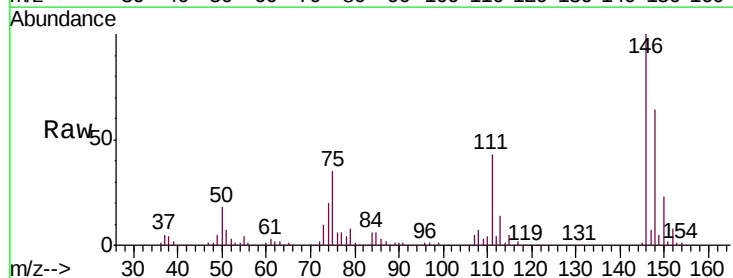
Tgt Ion:146 Resp: 437341

Ion Ratio Lower Upper

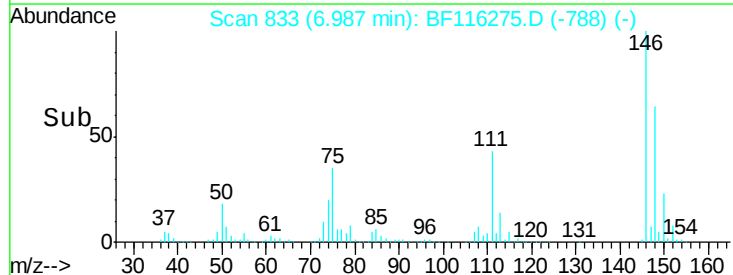
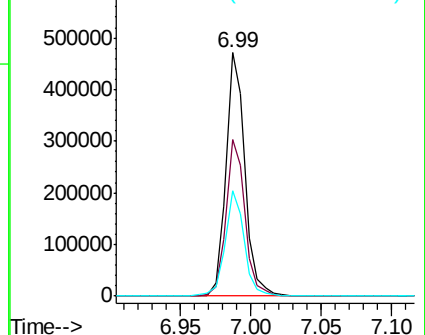
146 100

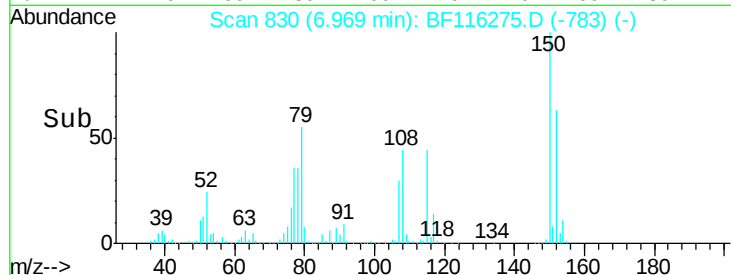
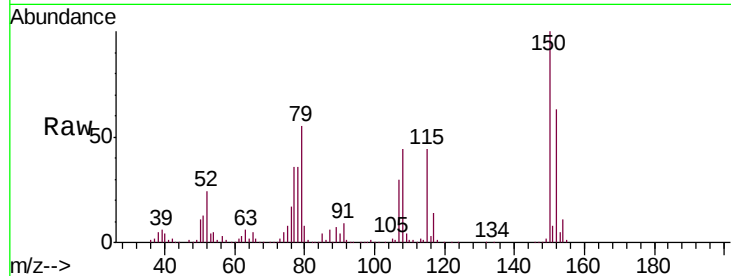
148 64.2 51.2 76.8

111 43.4 33.5 50.3



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





#15

Benzyl Alcohol

Concen: 41.552 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

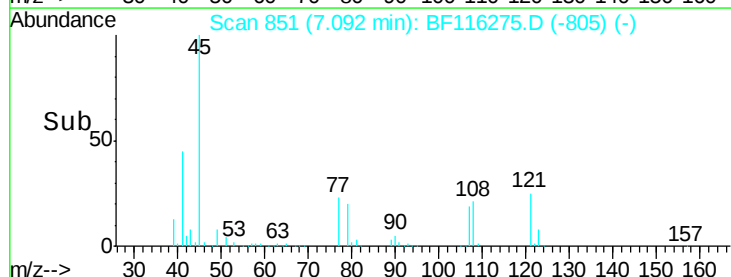
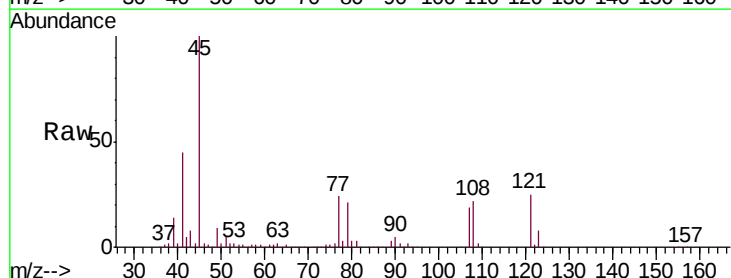
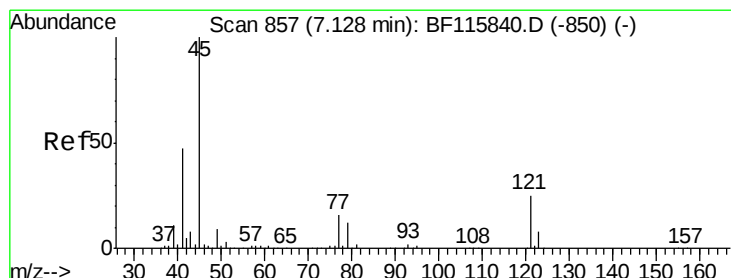
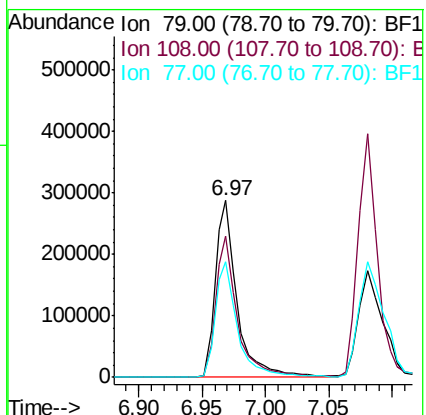
Tgt Ion: 79 Resp: 349936

Ion Ratio Lower Upper

79 100

108 79.9 62.7 94.1

77 65.2 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.245 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

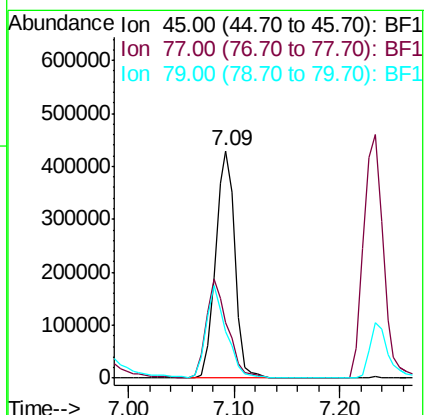
Tgt Ion: 45 Resp: 553623

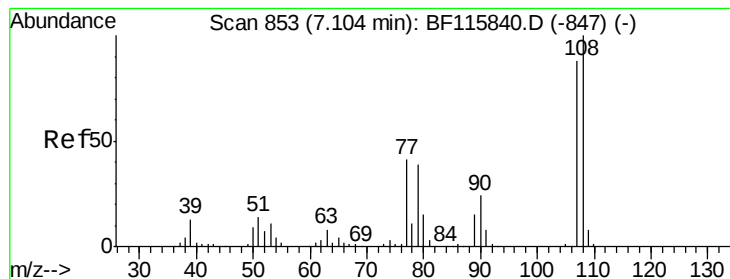
Ion Ratio Lower Upper

45 100

77 24.2 0.0 40.0

79 20.6 0.0 35.9





#17

2-Methylphenol

Concen: 44.844 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

Tgt Ion:107 Resp: 369319

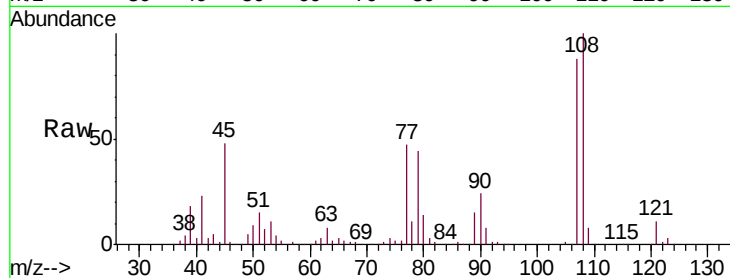
Ion Ratio Lower Upper

107 100

108 113.5 91.2 136.8

77 53.7 40.3 60.5

79 50.0 37.6 56.4

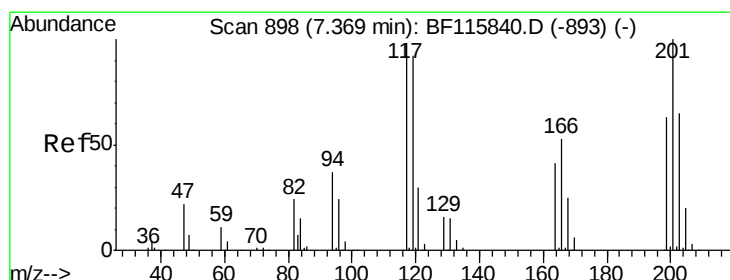
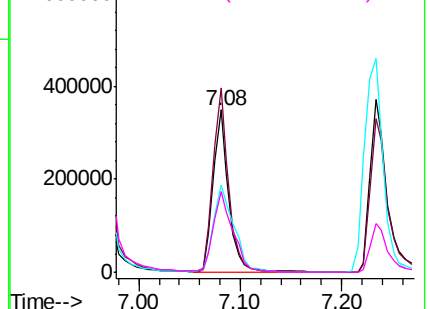
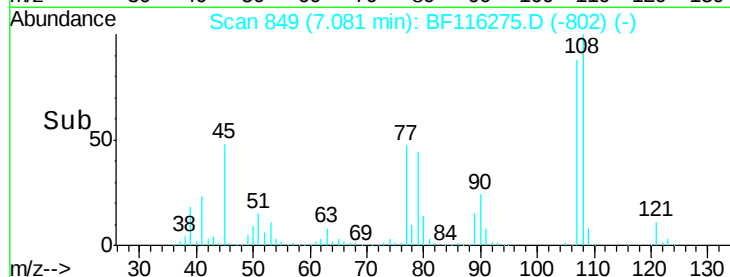


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.258 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.04 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

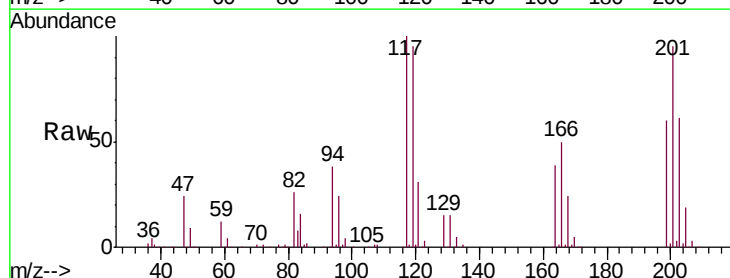
Tgt Ion:117 Resp: 175107

Ion Ratio Lower Upper

117 100

119 95.2 76.1 114.1

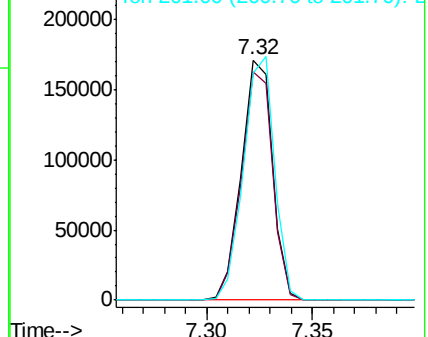
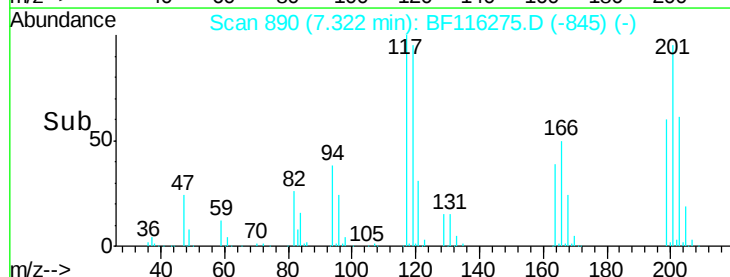
201 94.5 77.0 115.4



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

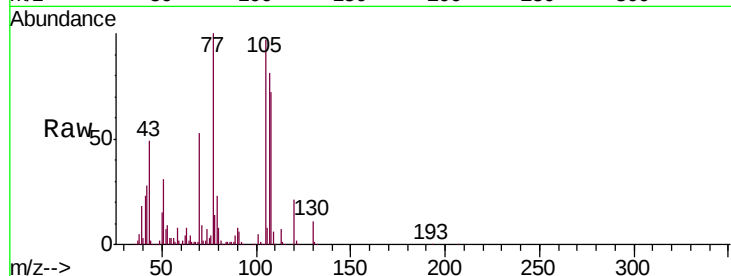




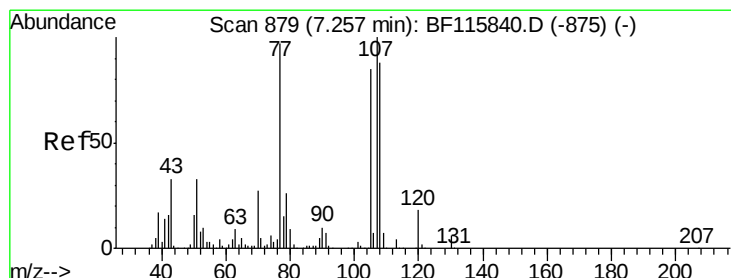
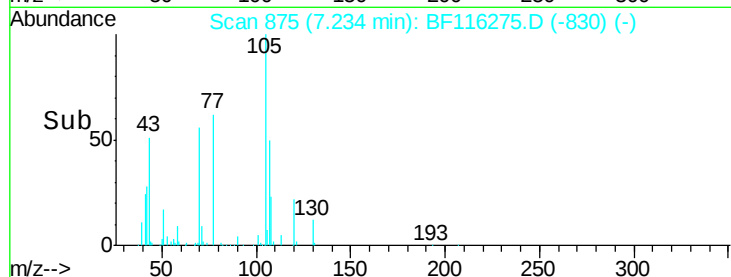
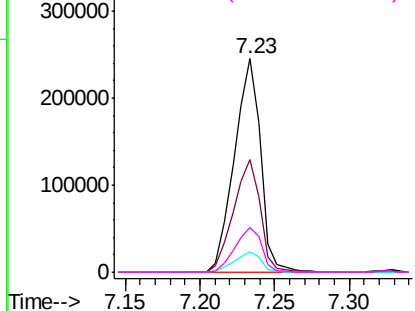
#19
n-Nitroso-di-n-propylamine
Concen: 43.749 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB122172BS

Tgt Ion:	70	Resp:	300852
Ion	Ratio	Lower	Upper
70	100		
42	52.5	40.9	61.3
101	9.5	7.9	11.9
130	20.9	16.9	25.3

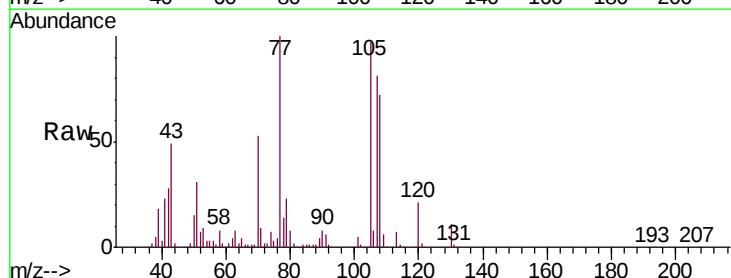


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

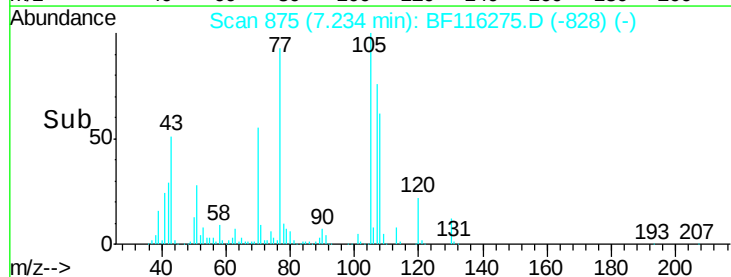
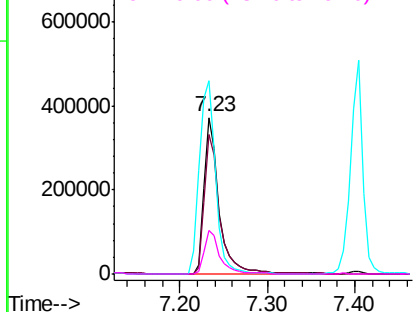


#20
3+4-Methylphenols
Concen: 45.664 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:	107	Resp:	445033
Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.6	107.6
77	123.5	104.4	144.4
79	28.1	7.4	47.4



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

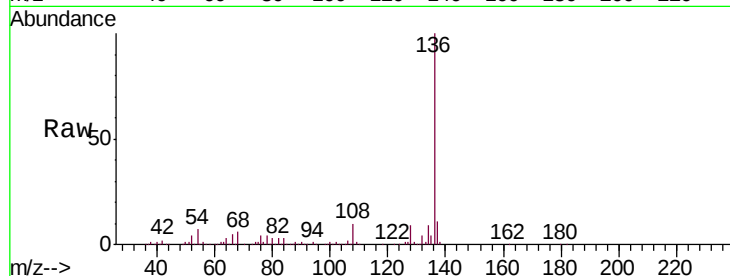




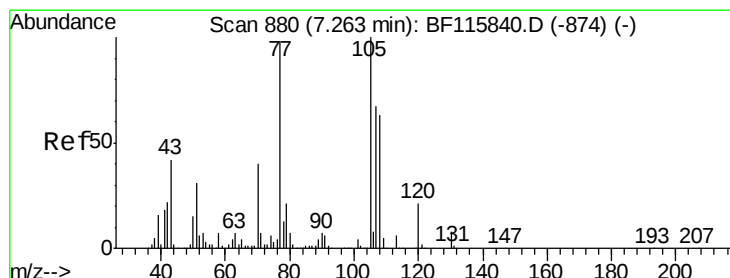
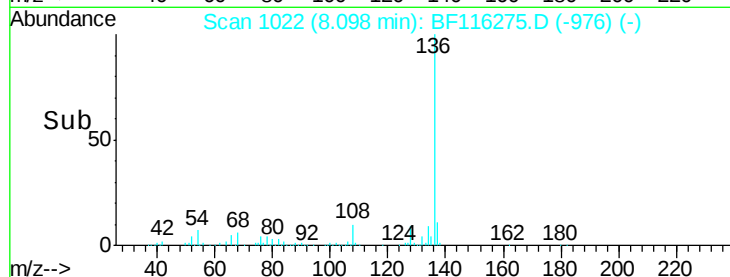
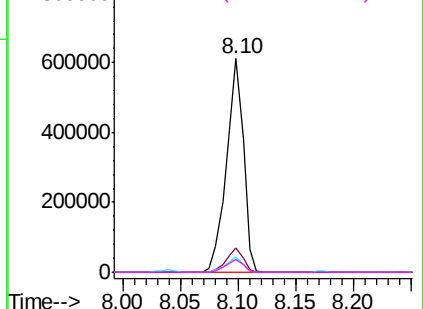
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB122172BS

Tgt Ion:	136	Resp:	622467
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.1	5.8	8.6
68	6.1	5.2	7.8

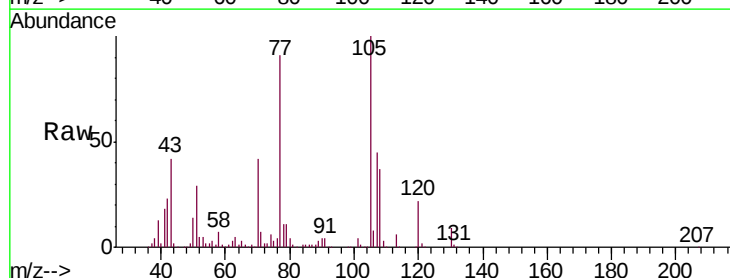


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

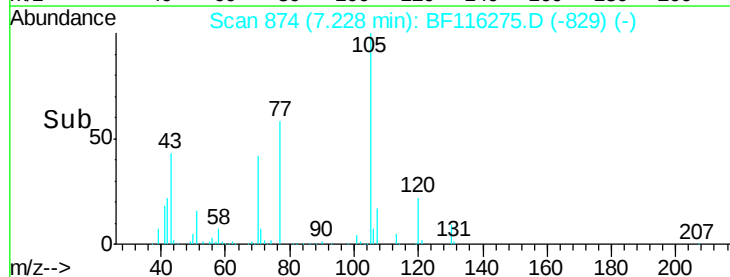
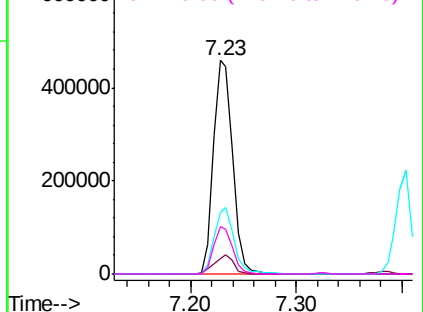


#22
Acetophenone
Concen: 43.367 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:	105	Resp:	592029
Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.9	8.9
51	29.0	25.3	37.9
120	21.9	17.9	26.9



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

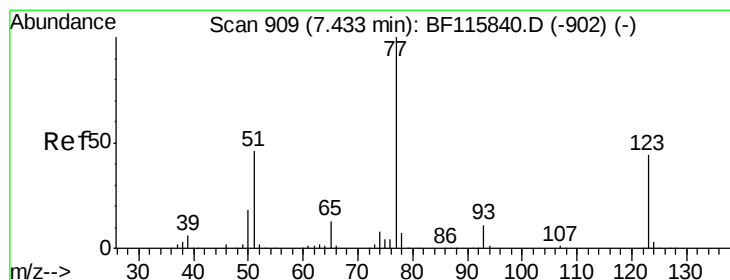
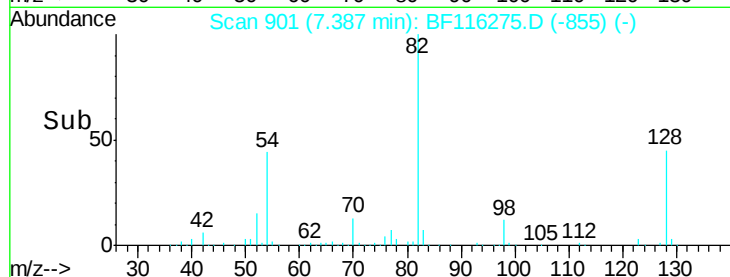
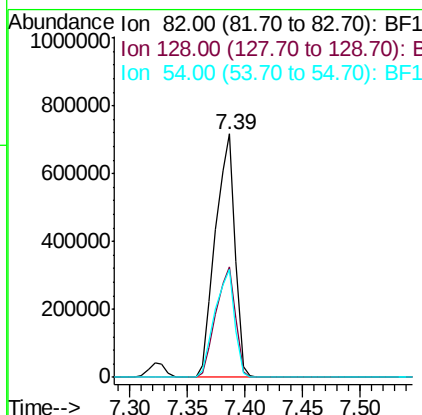
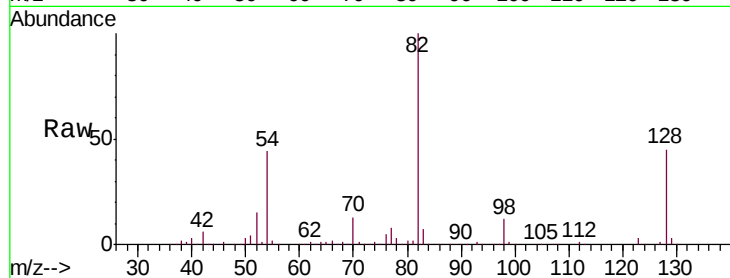




#23
 Nitrobenzene-d5
 Concen: 78.811 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

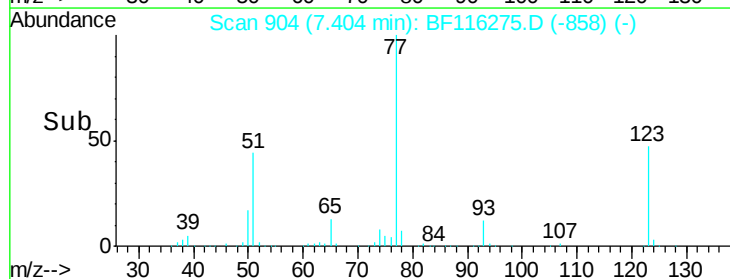
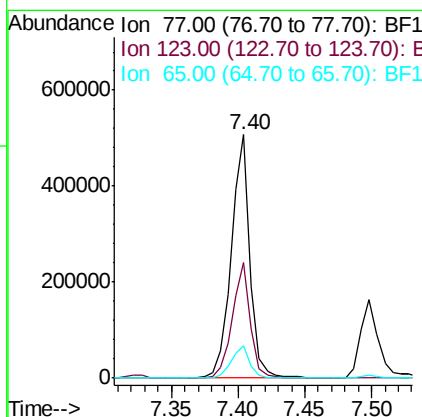
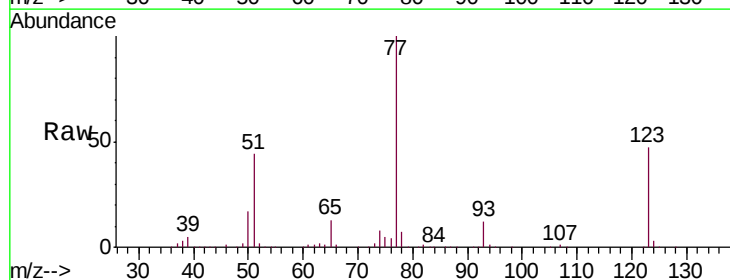
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.5	54.7
54	44.5	36.0	54.0



#24
 Nitrobenzene
 Concen: 42.639 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	36.7	55.1
65	13.1	10.6	16.0





#25

Isophorone

Concen: 44.524 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

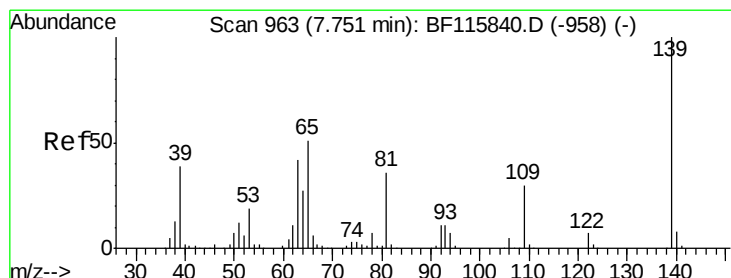
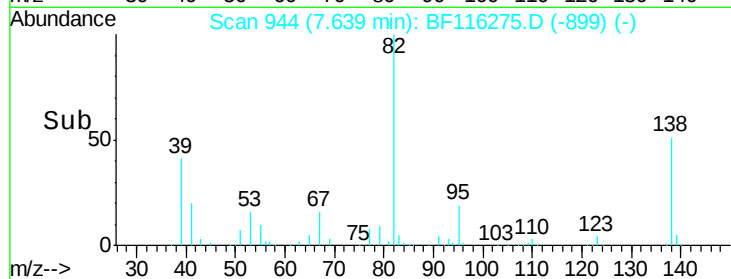
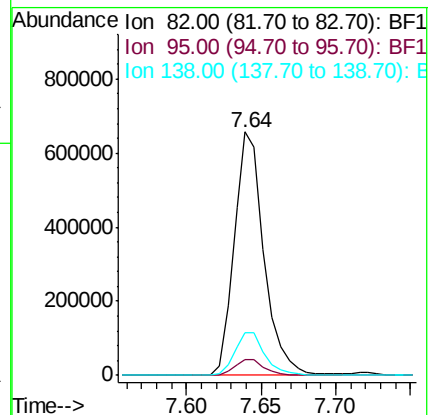
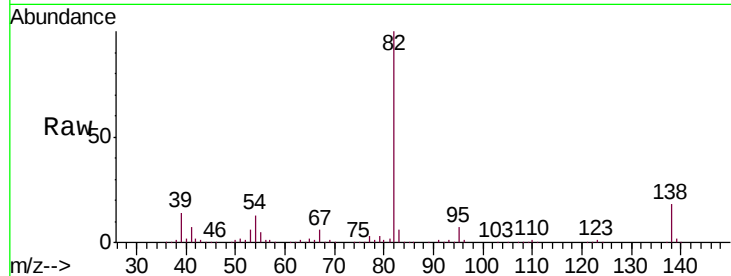
Tgt Ion: 82 Resp: 918092

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

138 17.5 14.5 21.7



#26

2-Nitrophenol

Concen: 45.163 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

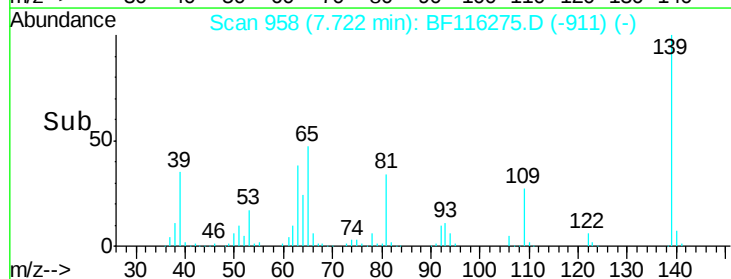
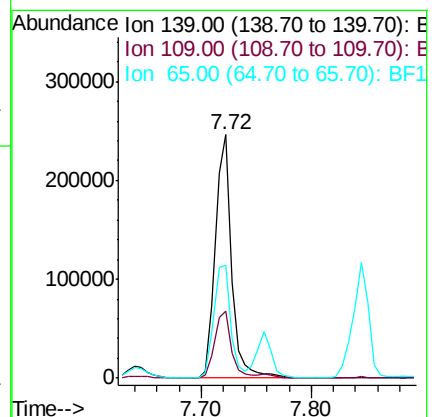
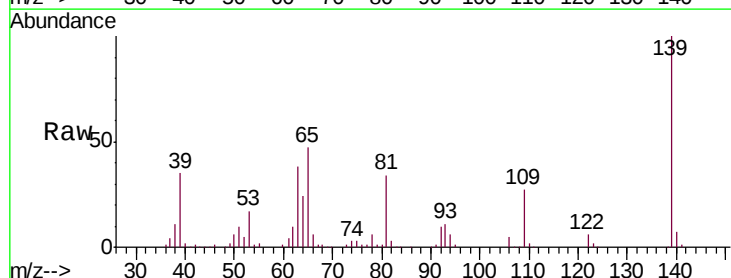
Tgt Ion: 139 Resp: 247885

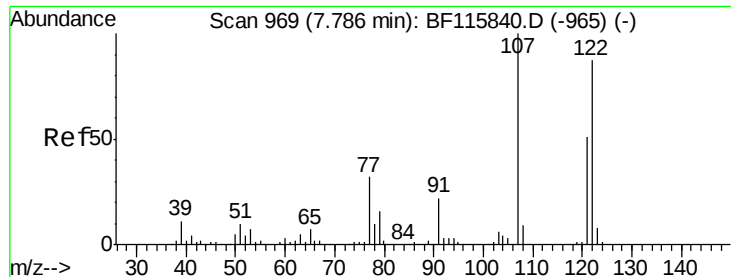
Ion Ratio Lower Upper

139 100

109 27.4 23.4 35.2

65 46.6 41.1 61.7

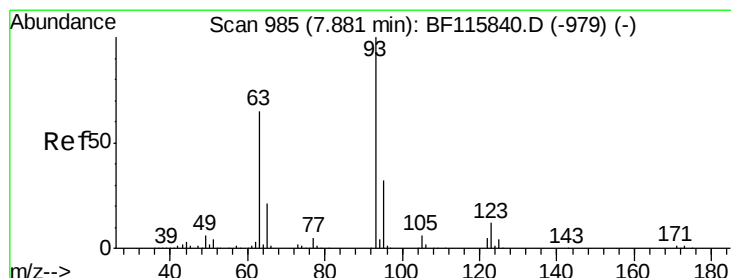
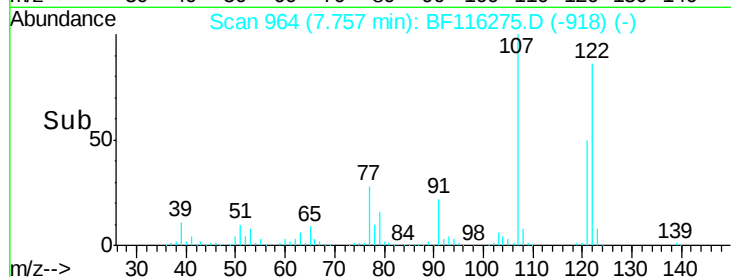
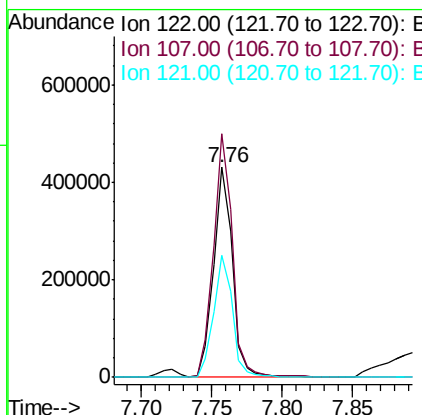
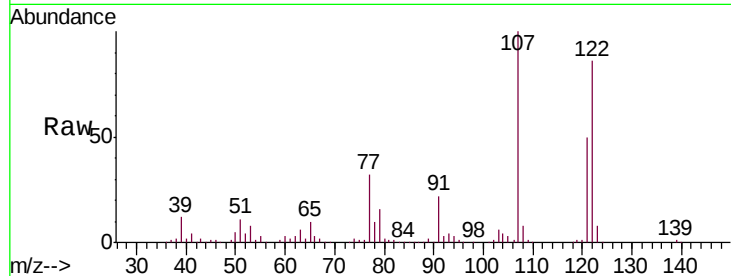




#27
 2,4-Dimethylphenol
 Concen: 48.659 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

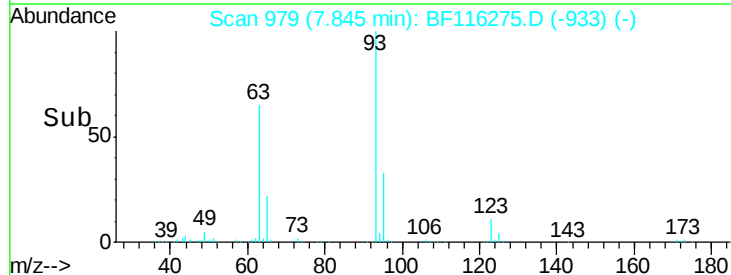
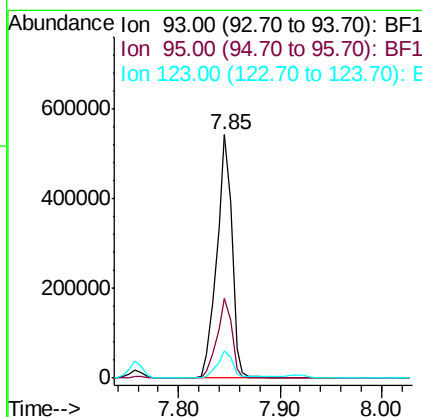
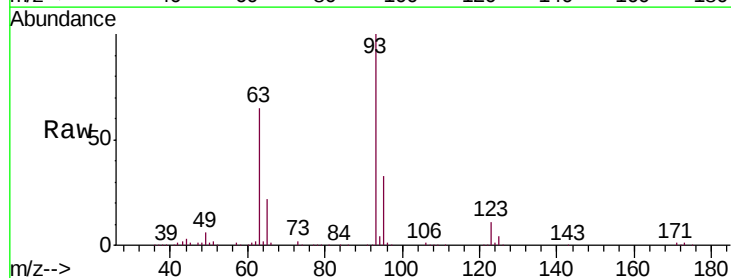
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.0	93.0	139.6
121	58.0	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.025 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.1	9.2	13.8

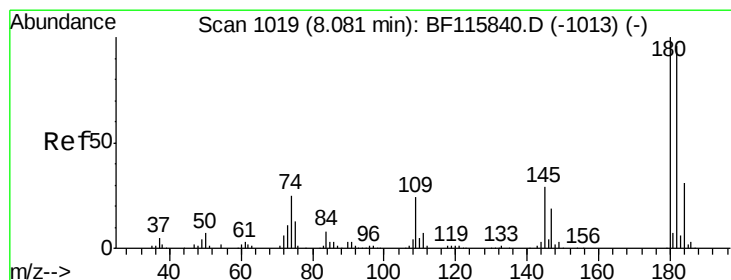
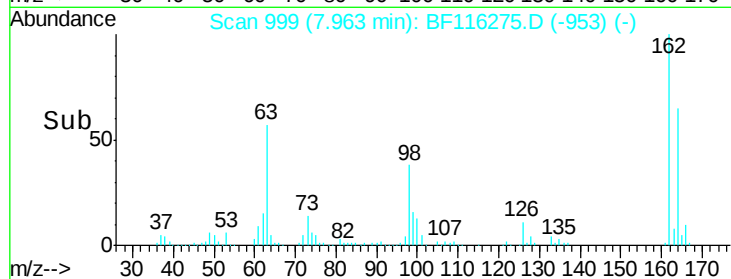
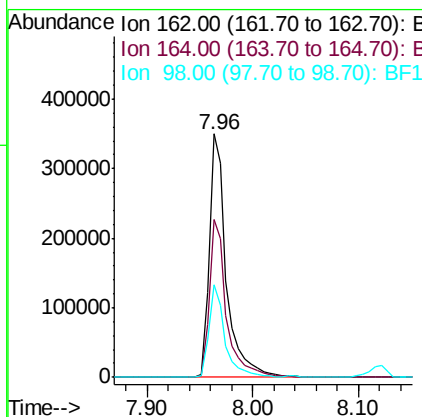
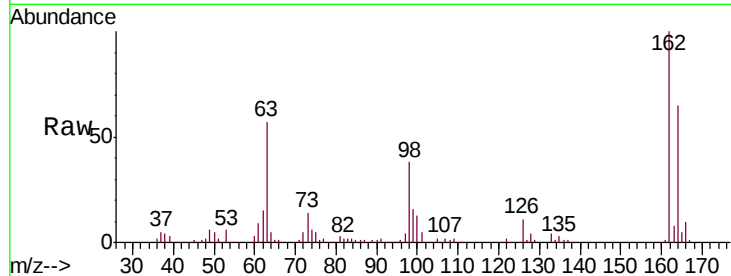




#29
 2,4-Dichlorophenol
 Concen: 45.540 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

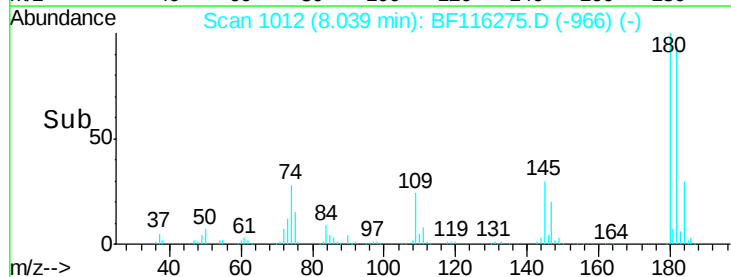
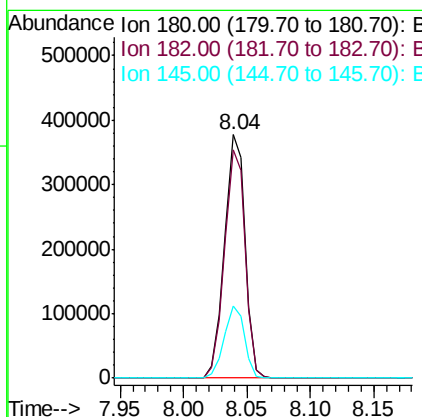
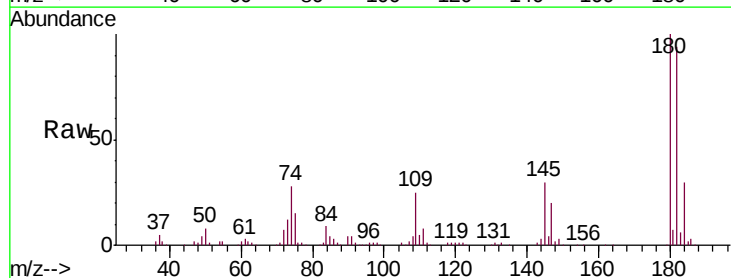
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

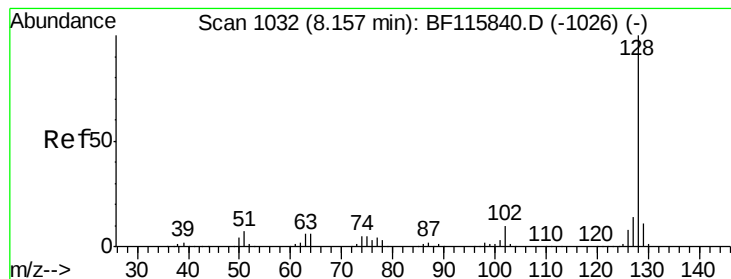
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.1	85.1
98	37.9	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.590 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.7	113.5
145	29.8	24.3	36.5





#31

Naphthalene

Concen: 44.276 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

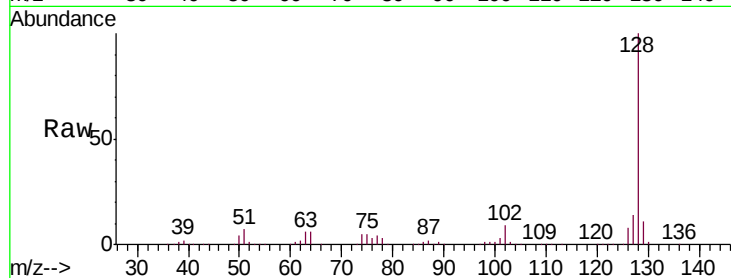
Tgt Ion:128 Resp: 1296935

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

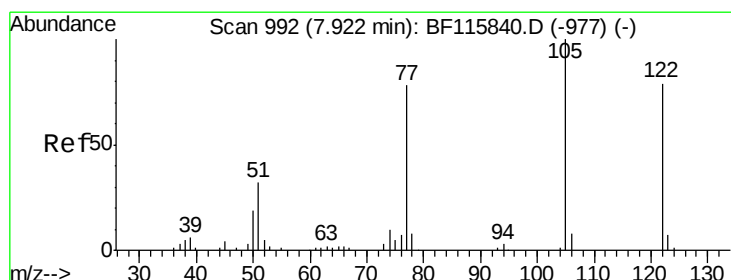
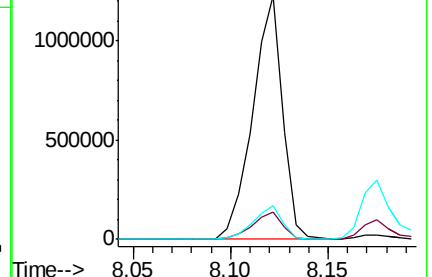
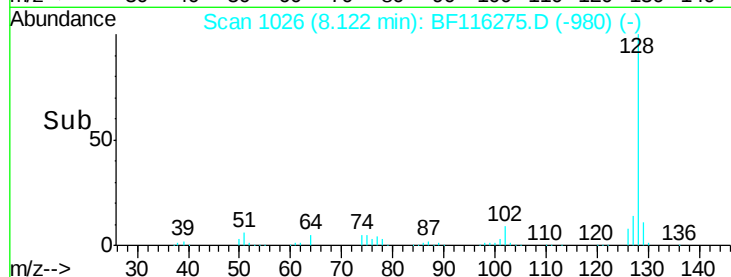
127 13.7 11.4 17.0



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: 40.094 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

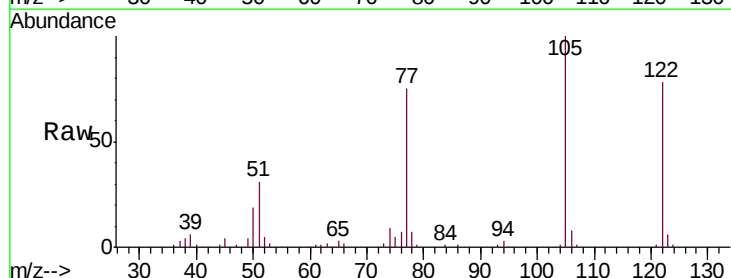
Tgt Ion:122 Resp: 233422

Ion Ratio Lower Upper

122 100

105 128.5 106.1 146.1

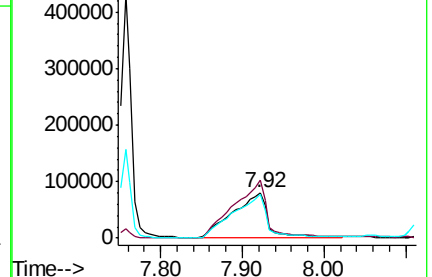
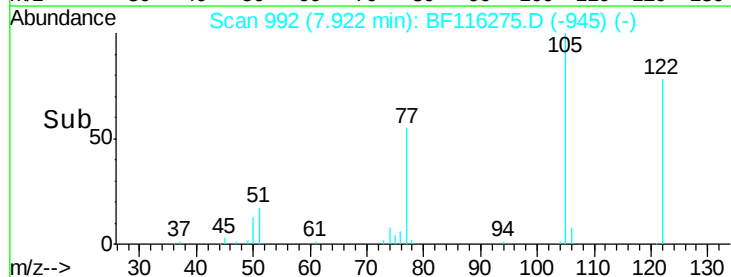
77 96.3 76.7 116.7

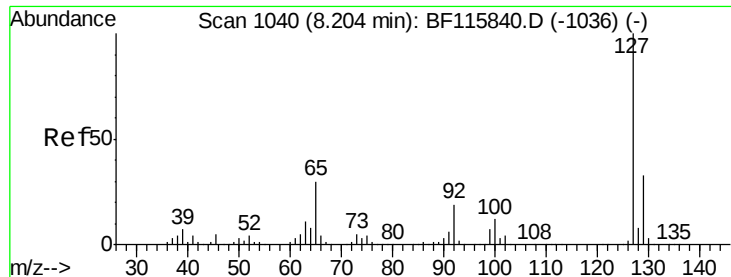


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

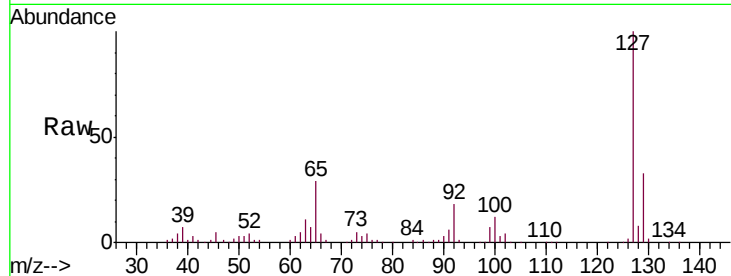




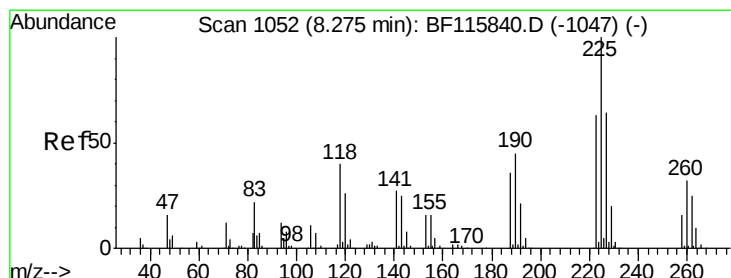
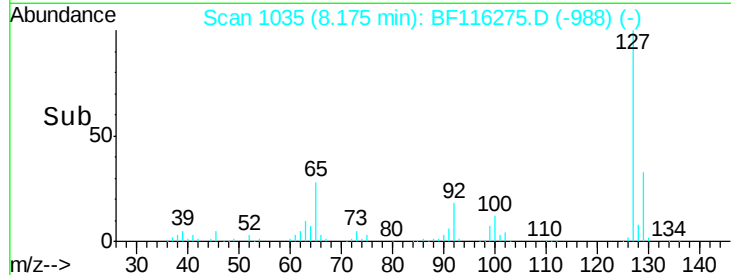
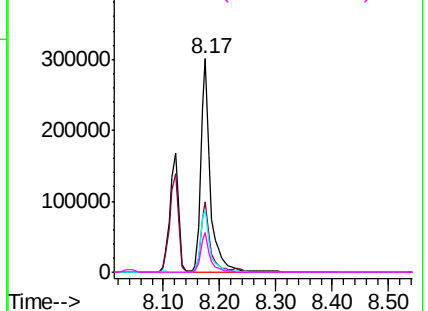
#33
4-Chloroaniline
Concen: 27.204 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB122172BS

Tgt Ion:	127	Resp:	356047
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	29.2	24.9	37.3
92	18.4	15.7	23.5

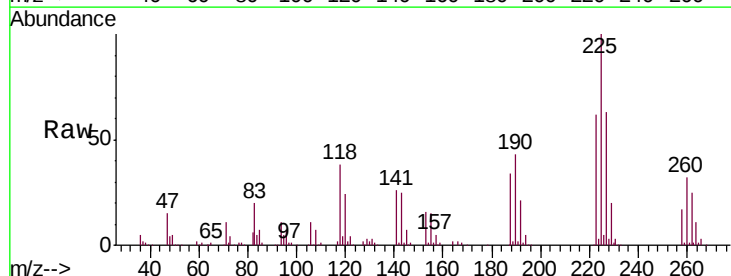


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

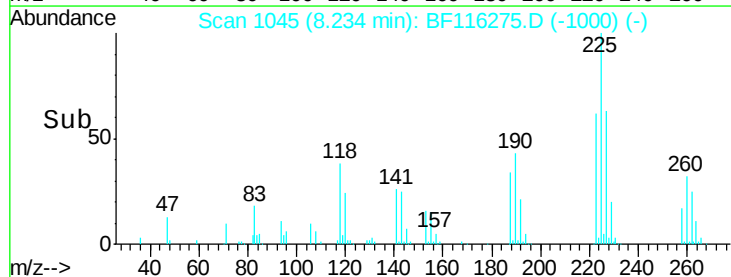
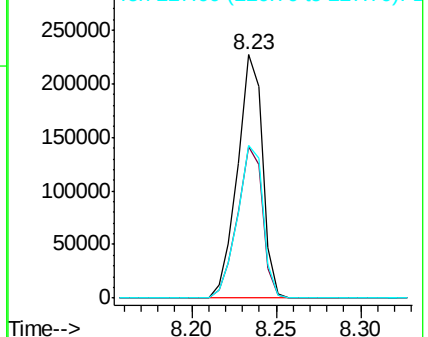


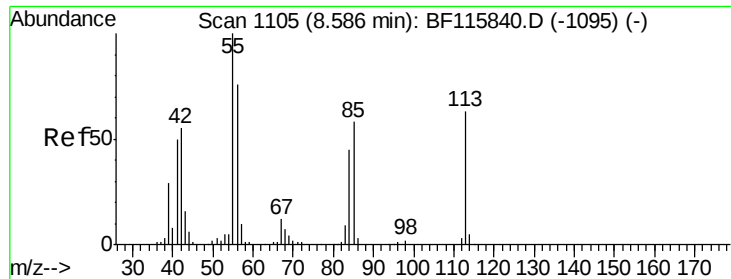
#34
Hexachlorobutadiene
Concen: 41.111 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:	225	Resp:	235351
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	62.9	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

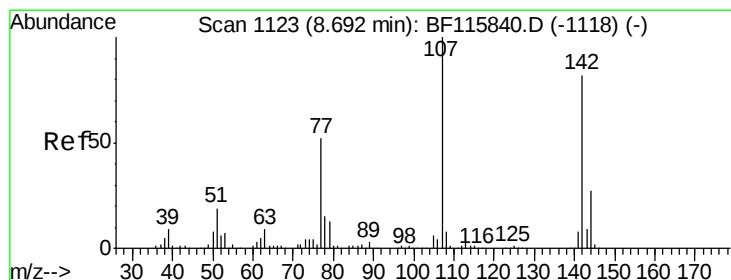
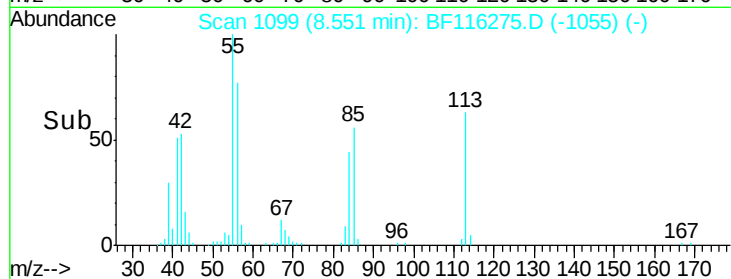
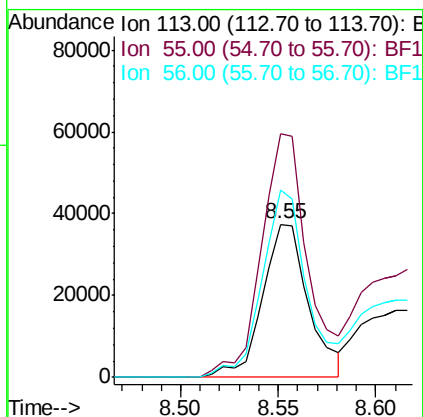
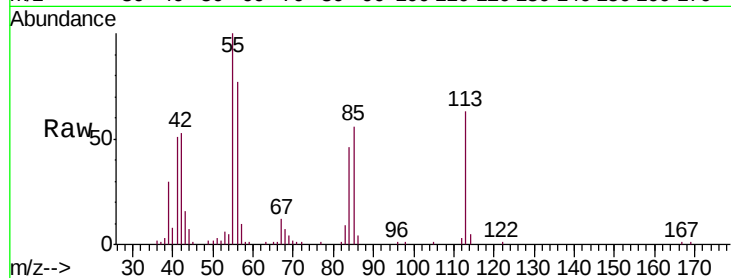




#35
 Caprolactam
 Concen: 21.648 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.04 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

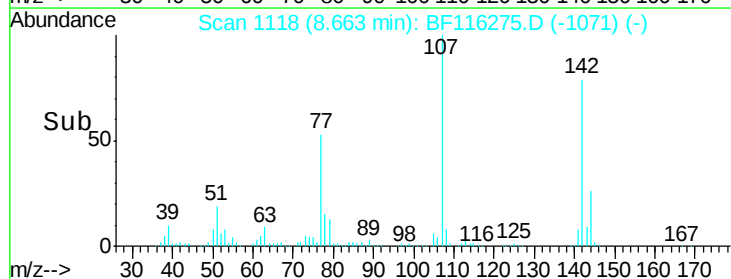
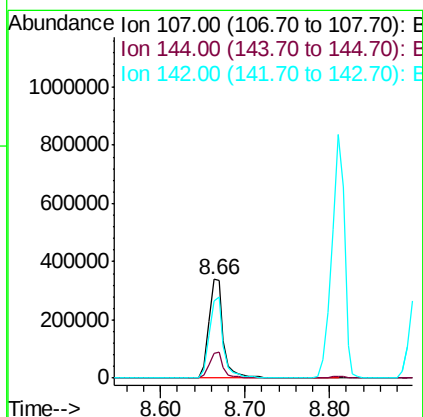
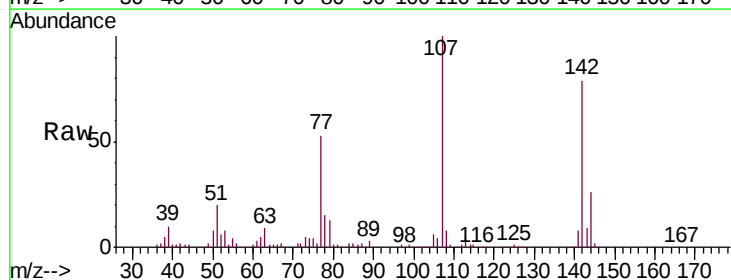
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

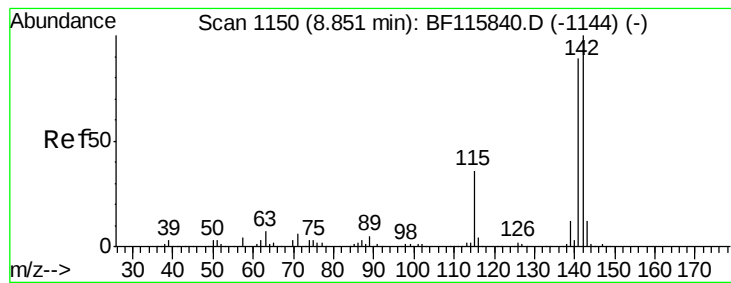
Tgt Ion:113 Resp: 61045
 Ion Ratio Lower Upper
 113 100
 55 159.2 144.3 184.3
 56 122.1 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.565 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion:107 Resp: 413299
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 78.6 61.7 92.5

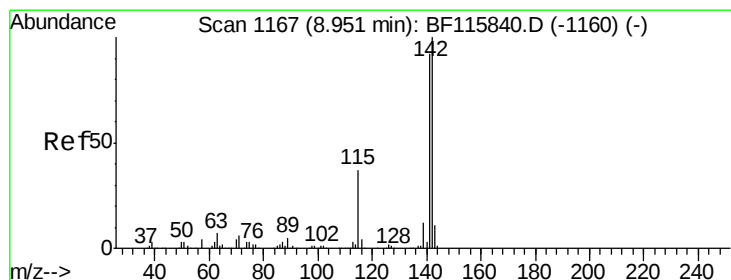
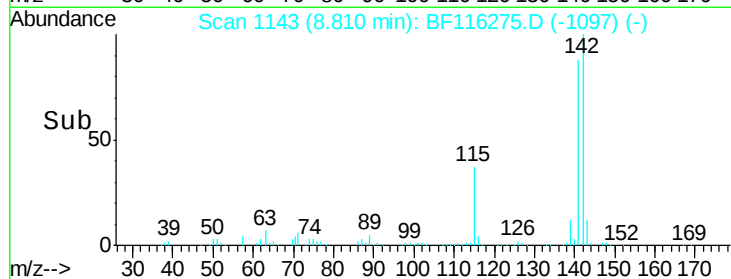
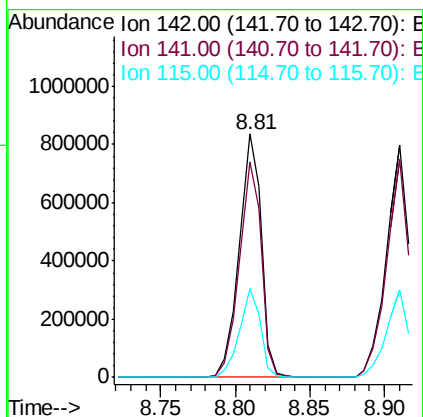
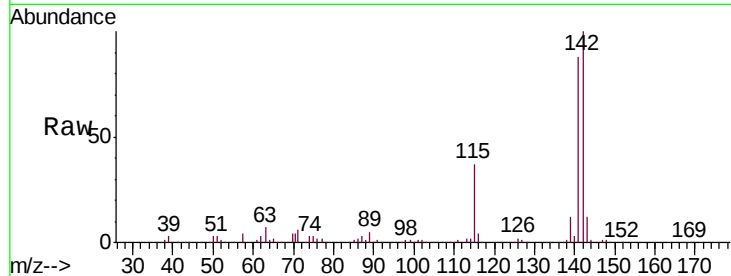




#37
2-Methylnaphthalene
Concen: 44.545 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

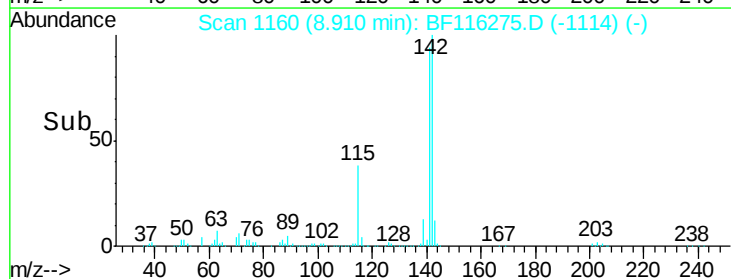
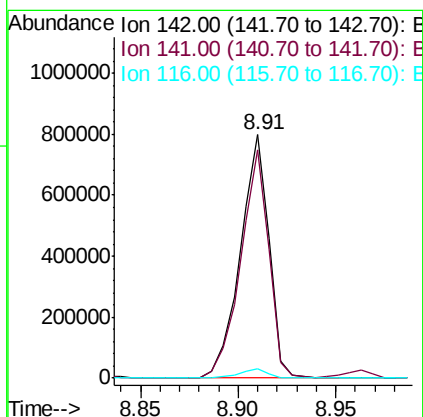
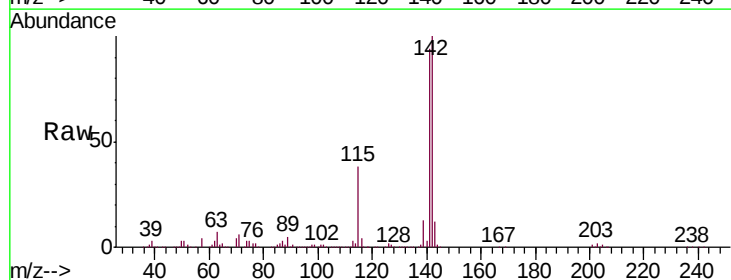
Instrument :
BNA_F
ClientSampleId :
PB122172BS

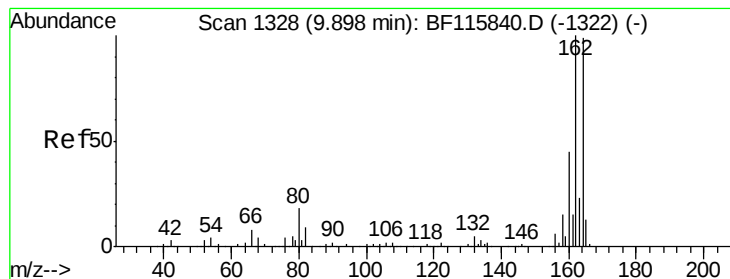
Tgt Ion:142 Resp: 859335
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 36.6 29.0 43.6



#38
1-Methylnaphthalene
Concen: 44.091 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:142 Resp: 804676
Ion Ratio Lower Upper
142 100
141 93.6 74.4 111.6
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

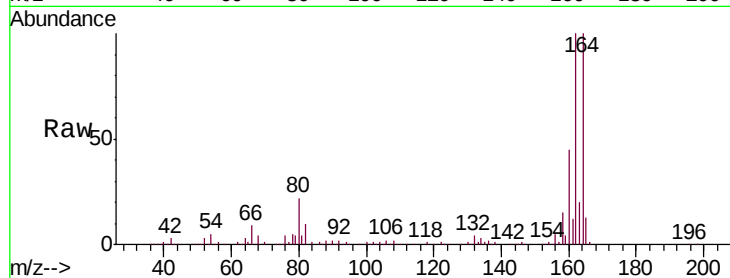
Tgt Ion:164 Resp: 339158

Ion Ratio Lower Upper

164 100

162 100.1 82.6 124.0

160 45.3 37.6 56.4

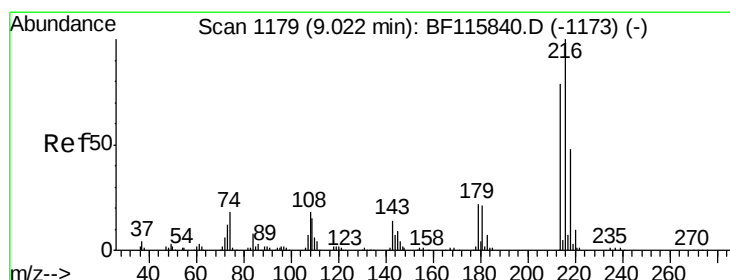
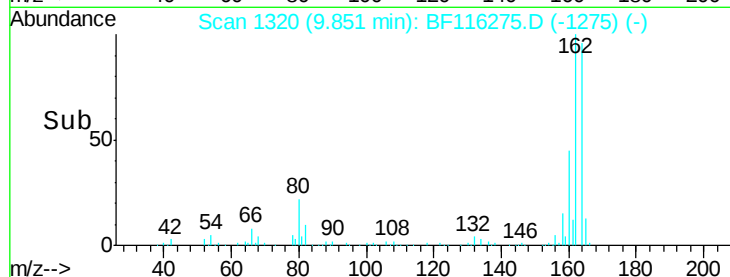
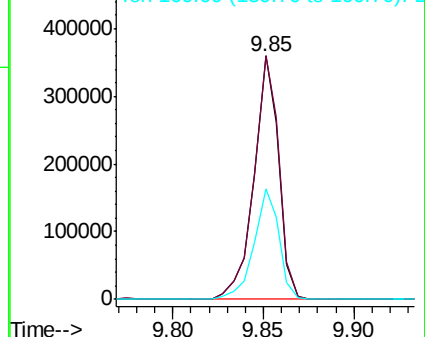


Abundance

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: 43.959 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Tgt Ion:216 Resp: 398576

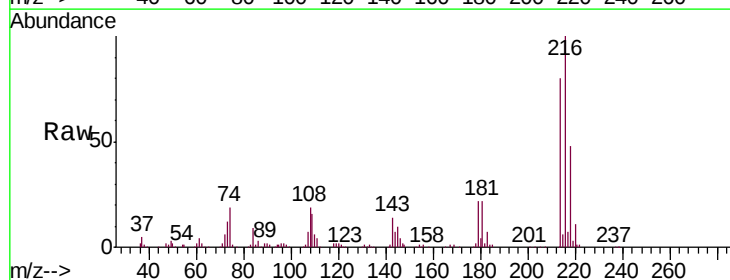
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 22.0 17.8 26.8

108 20.5 16.5 24.7



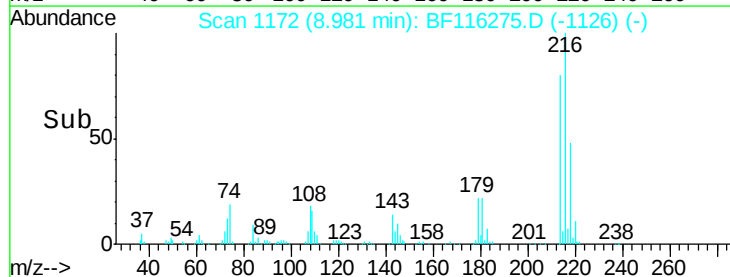
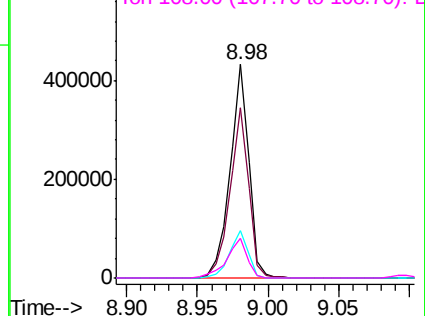
Abundance

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: 45.641 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

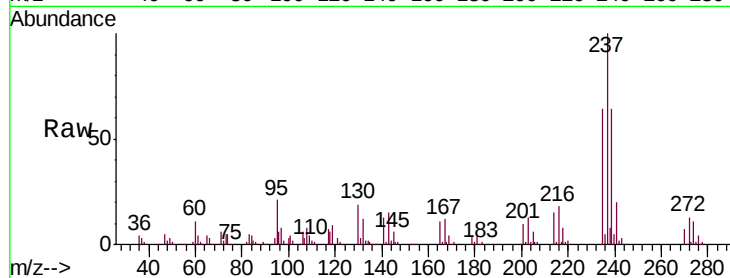
Tgt Ion: 237 Resp: 174600

Ion Ratio Lower Upper

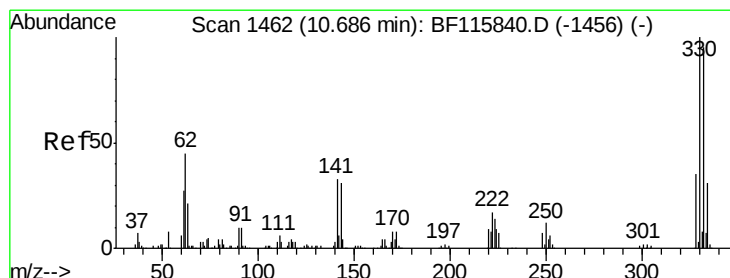
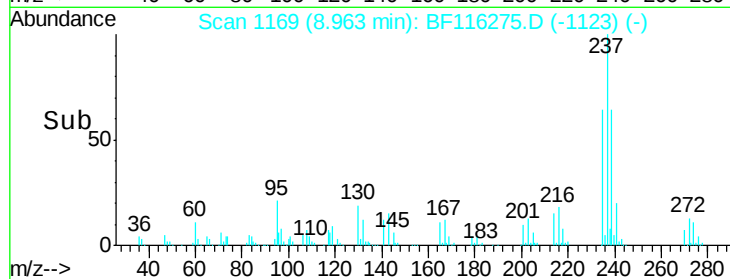
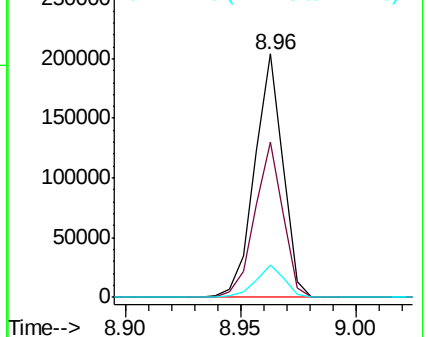
237 100

235 63.8 43.4 83.4

272 13.3 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: 111.194 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

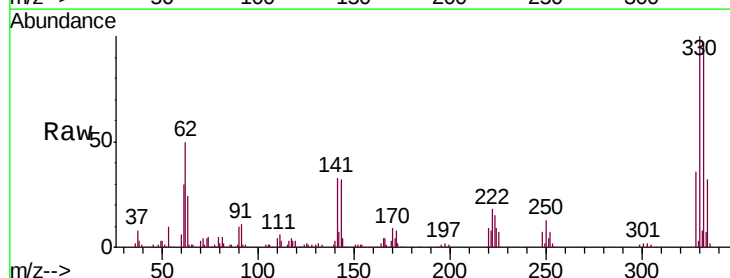
Tgt Ion: 330 Resp: 365631

Ion Ratio Lower Upper

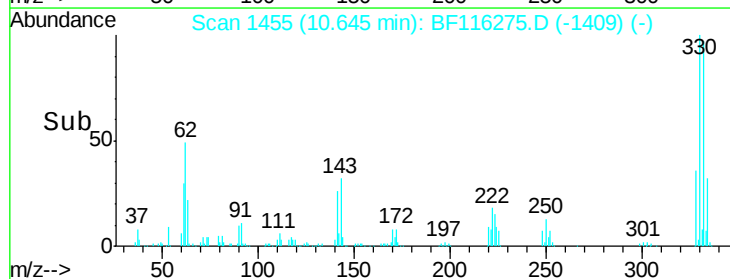
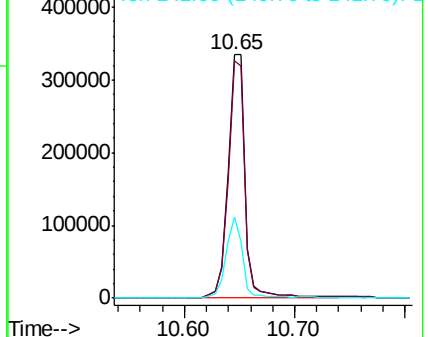
330 100

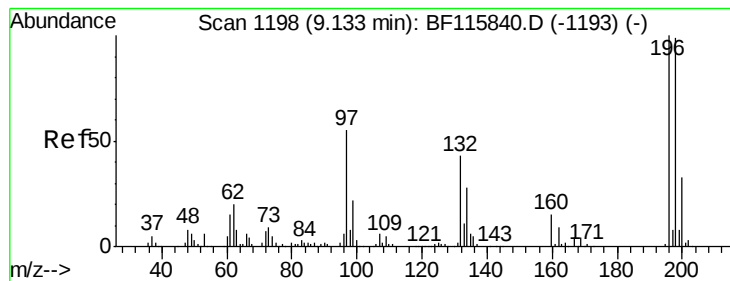
332 98.4 76.8 115.2

141 32.0 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

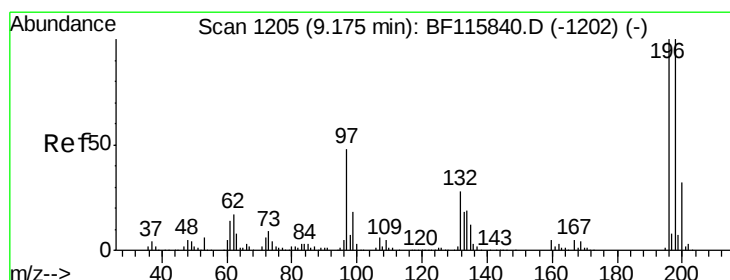
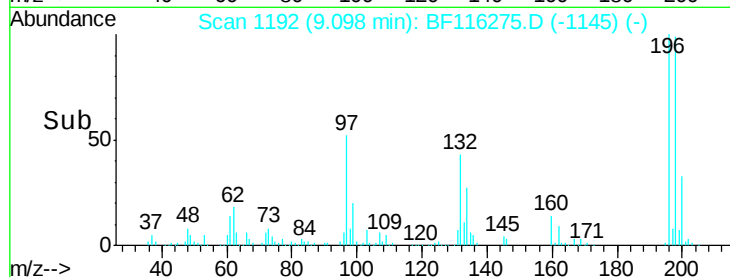
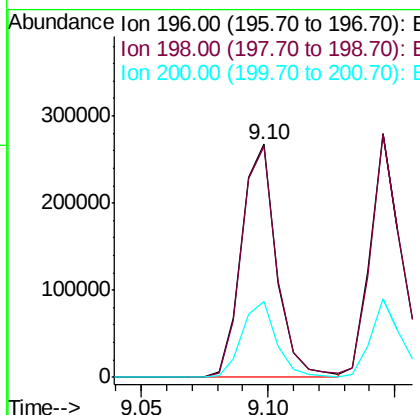
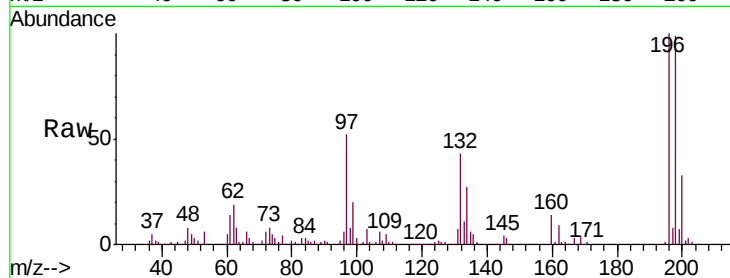




#43
 2,4,6-Trichlorophenol
 Concen: 41.089 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

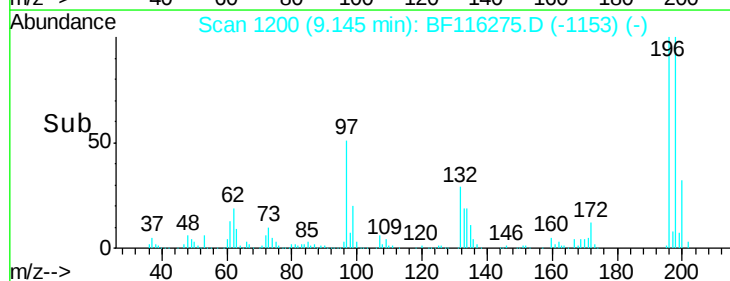
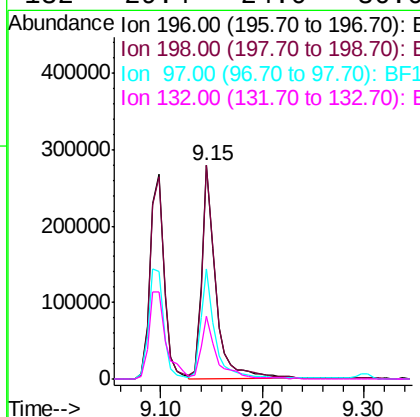
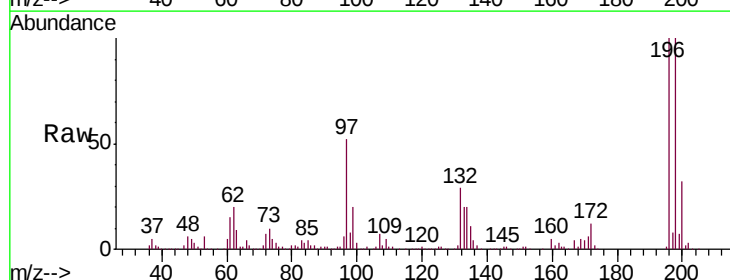
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

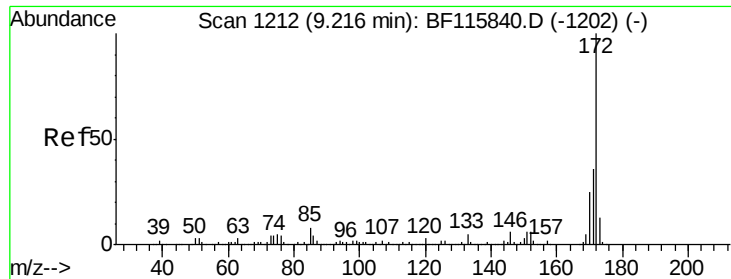
Tgt Ion:196 Resp: 256433
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.2 118.8
 200 32.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.825 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion:196 Resp: 269823
 Ion Ratio Lower Upper
 196 100
 198 100.0 78.8 118.2
 97 51.8 42.2 63.4
 132 29.4 24.0 36.0

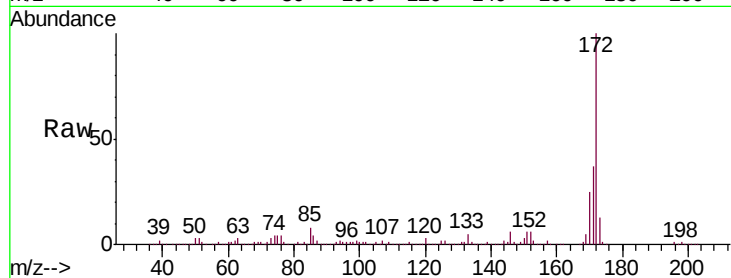




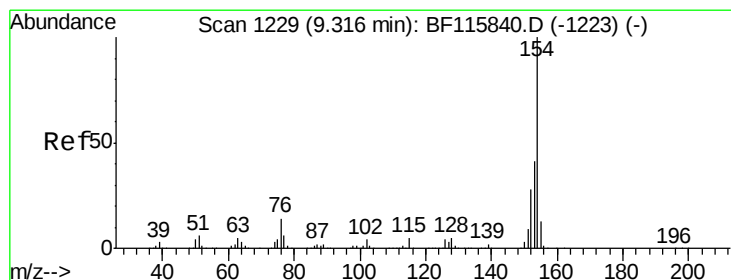
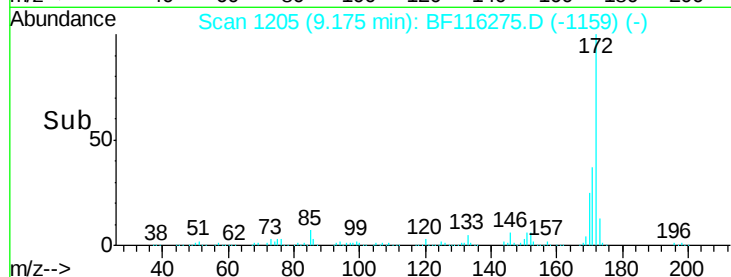
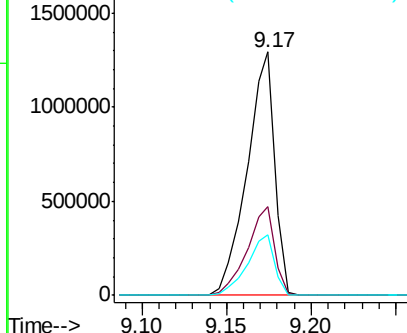
#45
 2-Fluorobiphenyl
 Concen: 81.666 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Tgt Ion:172 Resp: 1478721
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 25.0 20.1 30.1

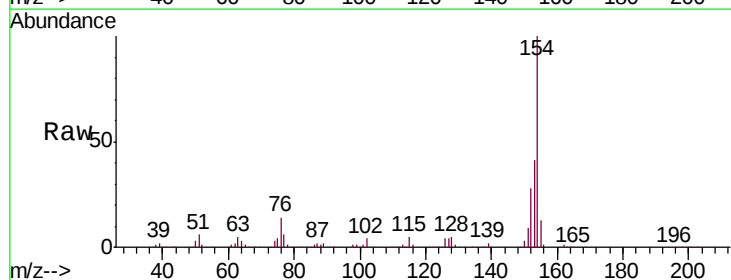


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

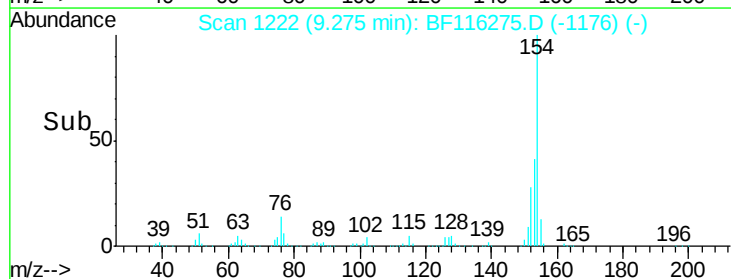
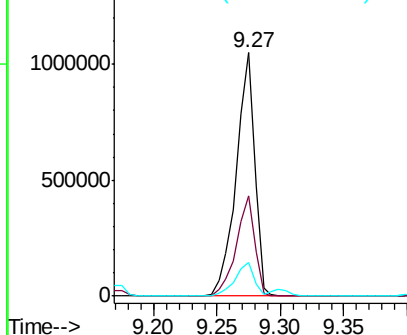


#46
 1,1'-Biphenyl
 Concen: 44.127 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion:154 Resp: 1056607
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.4 61.4
 76 13.7 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

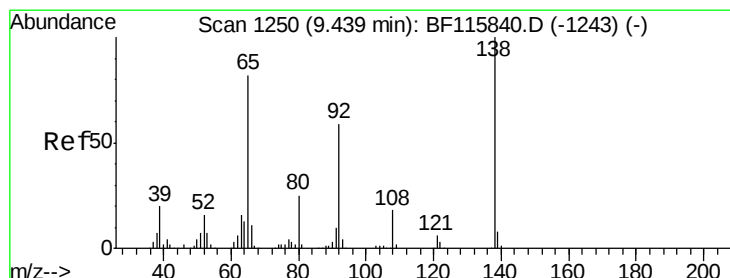
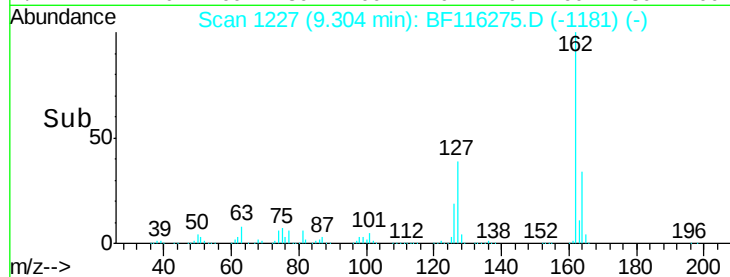
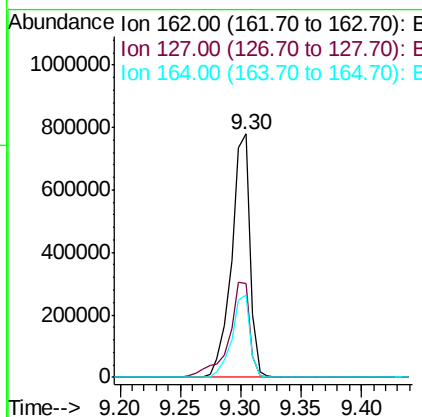
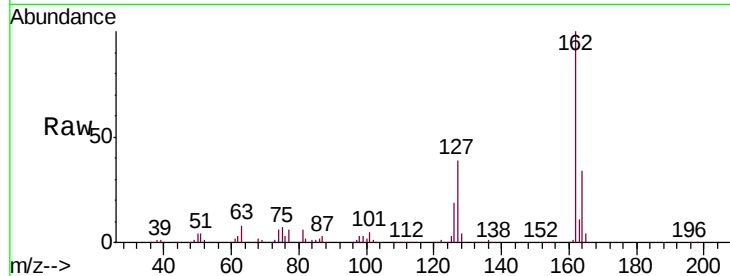




#47
 2-Chloronaphthalene
 Concen: 41.791 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

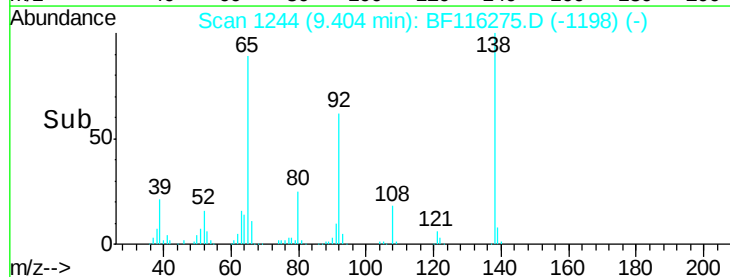
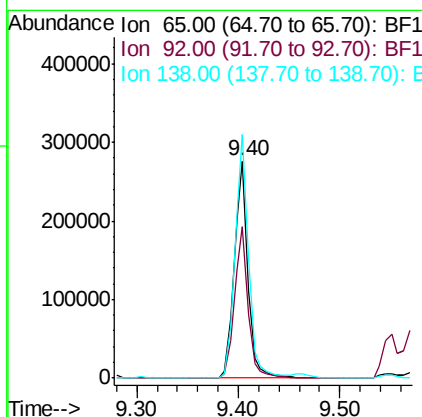
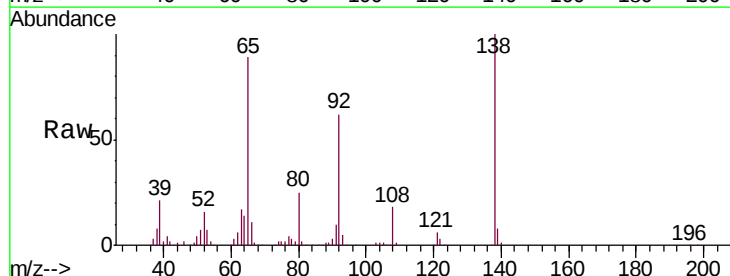
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

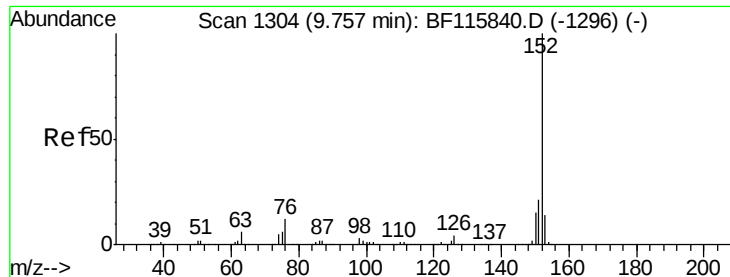
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.8	49.2
164	33.9	26.6	39.8



#48
 2-Nitroaniline
 Concen: 39.252 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.8	86.8
138	112.3	94.0	141.0





#49

Acenaphthylene

Concen: 42.011 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

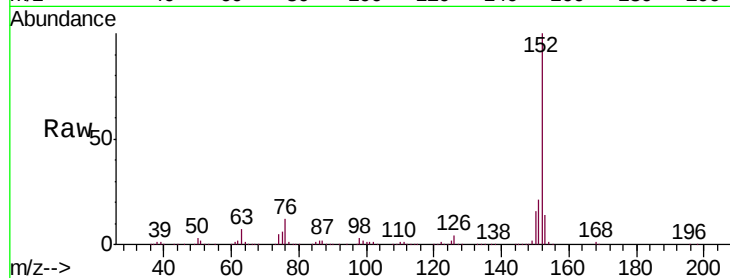
Tgt Ion:152 Resp: 1221438

Ion Ratio Lower Upper

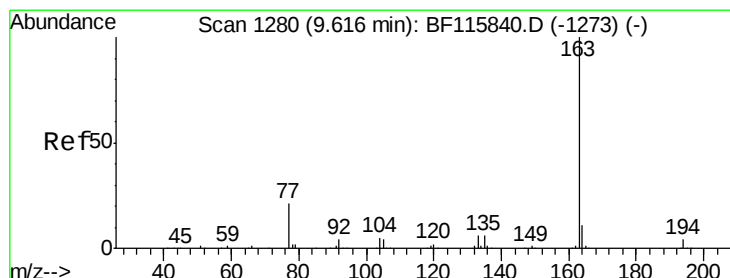
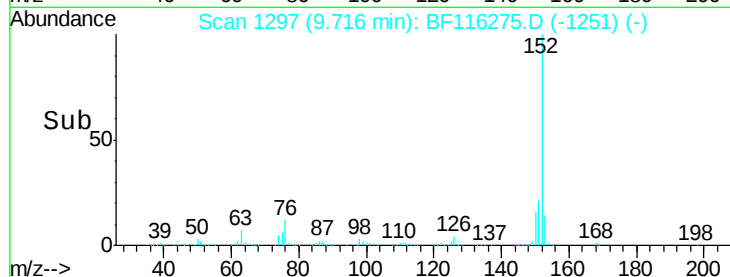
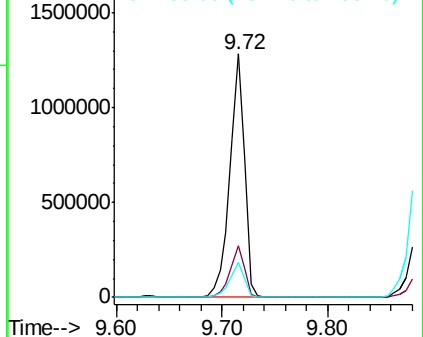
152 100

151 21.2 17.2 25.8

153 14.3 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: 42.927 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

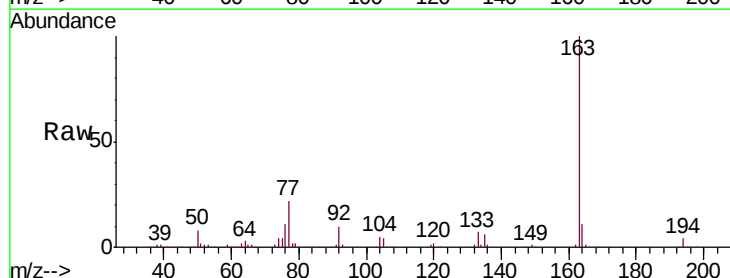
Tgt Ion:163 Resp: 991317

Ion Ratio Lower Upper

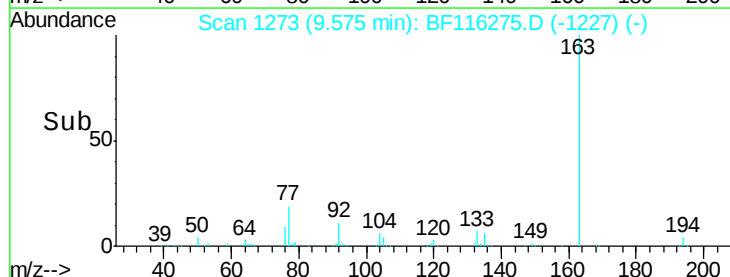
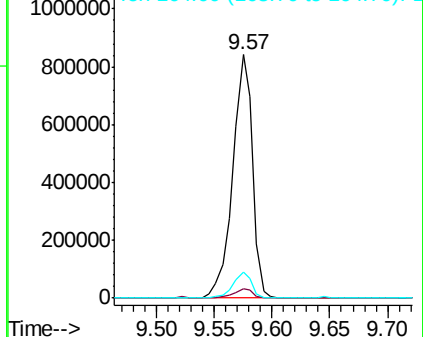
163 100

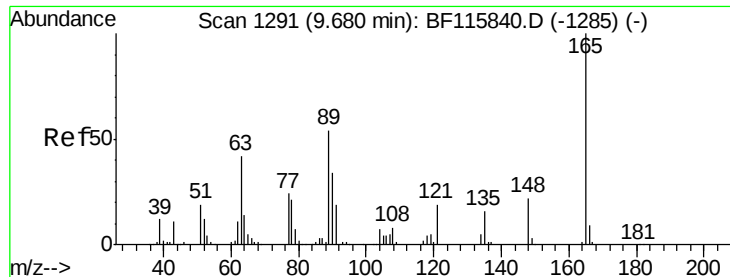
194 3.8 3.0 4.6

164 10.6 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

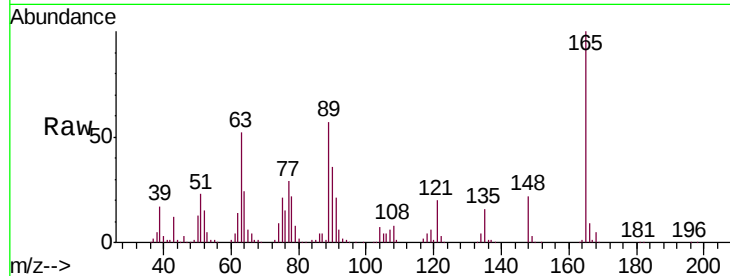




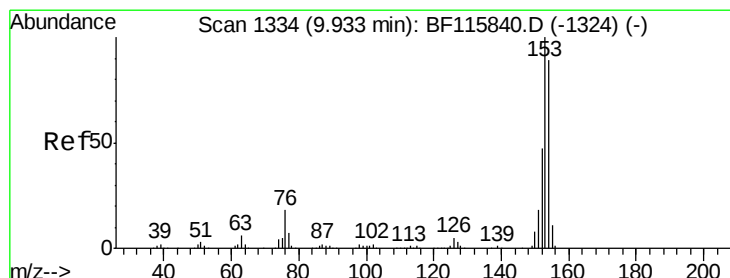
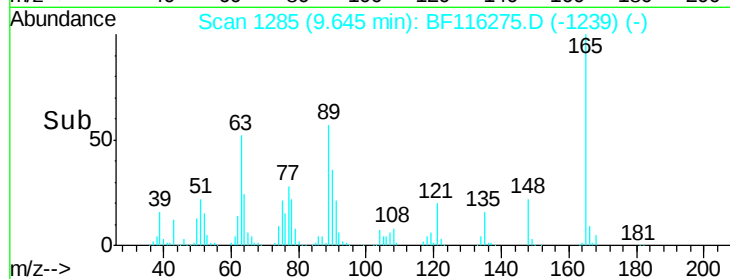
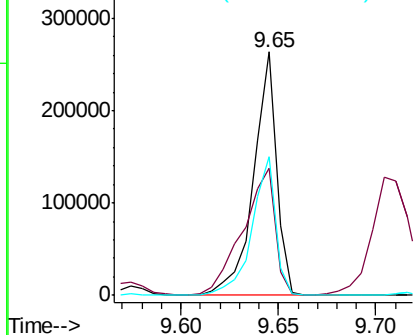
#51
2,6-Dinitrotoluene
Concen: 43.282 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB122172BS

Tgt Ion:165 Resp: 217212
Ion Ratio Lower Upper
165 100
63 52.4 38.2 57.2
89 56.9 42.9 64.3

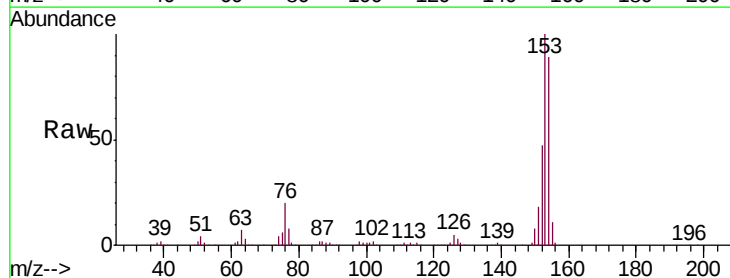


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

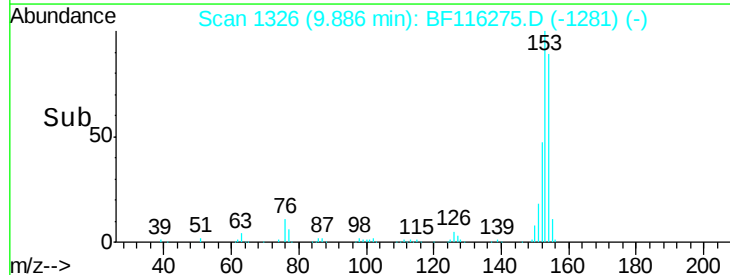
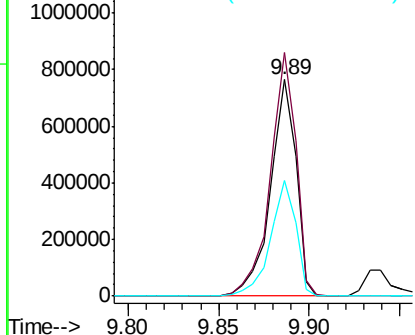


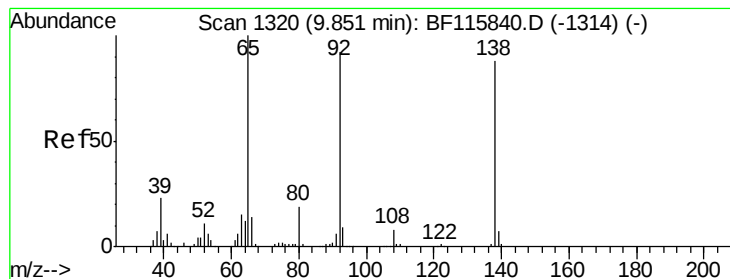
#52
Acenaphthene
Concen: 42.114 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:154 Resp: 751168
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.0
152 53.2 42.3 63.5



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





#53

3-Nitroaniline

Concen: 27.344 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

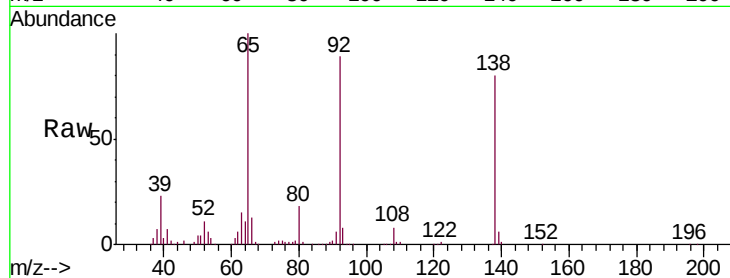
Tgt Ion:138 Resp: 169560

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

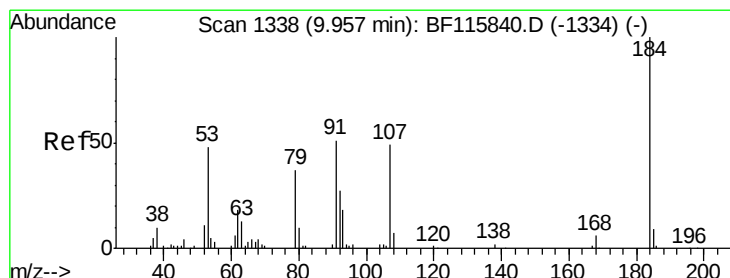
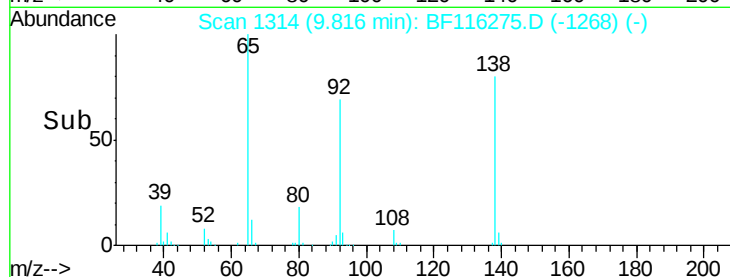
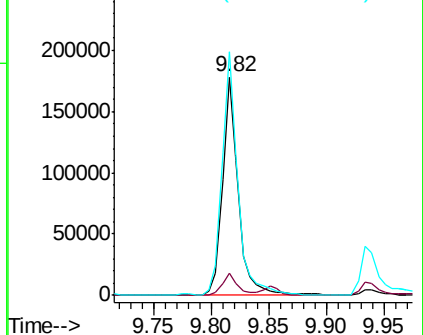
92 111.7 91.0 136.6



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



#54

2,4-Dinitrophenol

Concen: 72.414 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

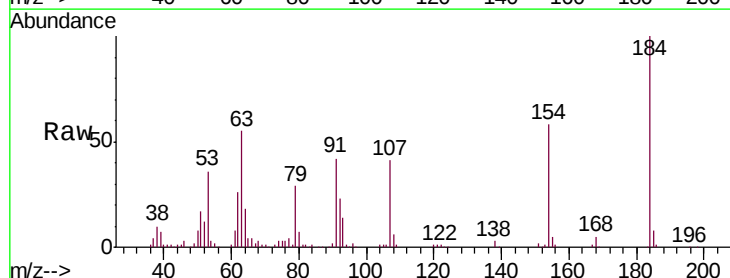
Tgt Ion:184 Resp: 182738

Ion Ratio Lower Upper

184 100

63 55.3 53.0 79.4

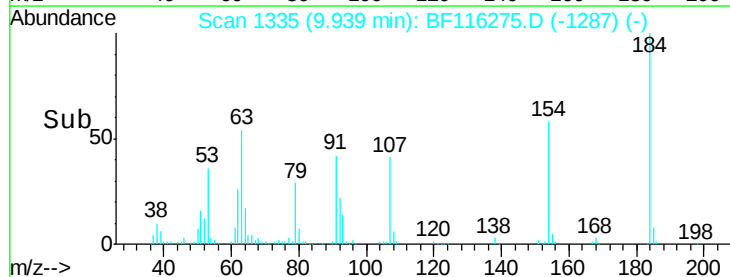
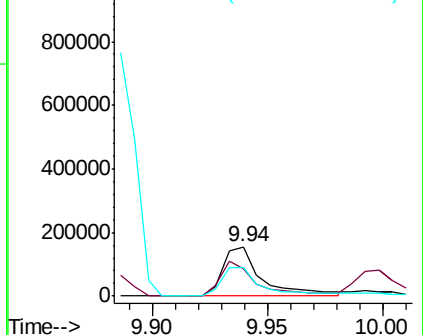
154 58.0 50.1 75.1

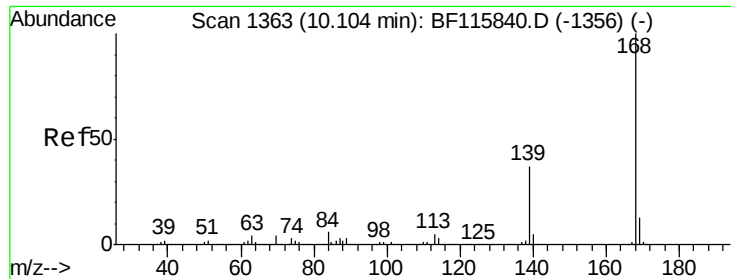


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.526 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

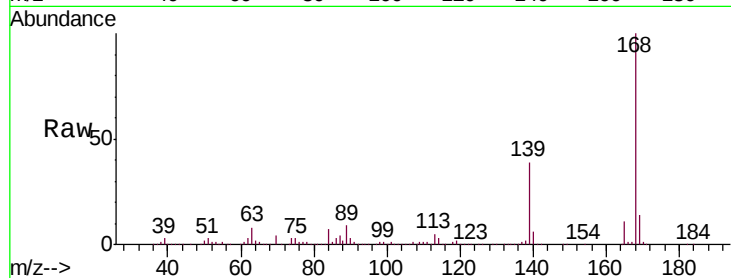
Tgt Ion:168 Resp: 1051221

Ion Ratio Lower Upper

168 100

139 39.1 31.4 47.2

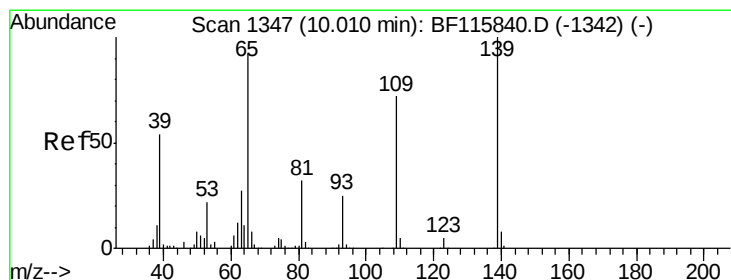
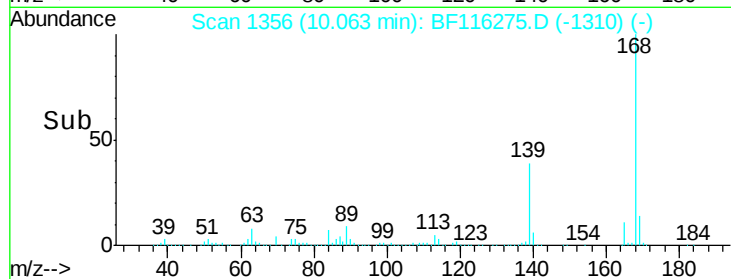
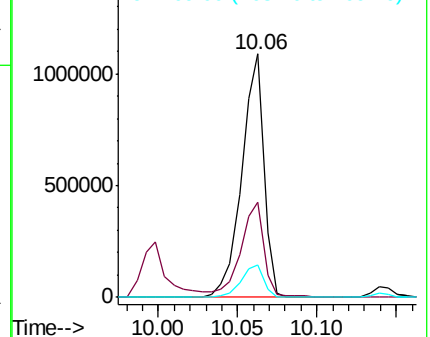
169 13.6 10.9 16.3



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: 68.106 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

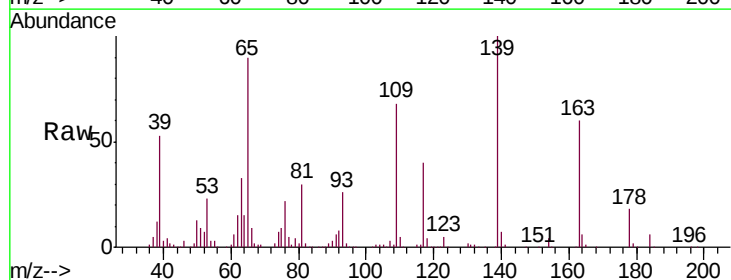
Tgt Ion:139 Resp: 270542

Ion Ratio Lower Upper

139 100

109 67.6 54.4 94.4

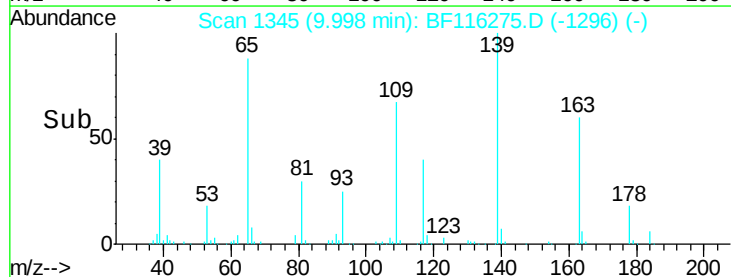
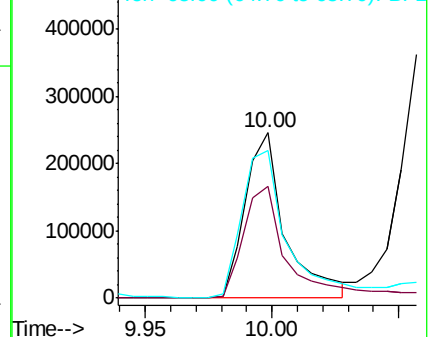
65 89.7 80.6 120.6

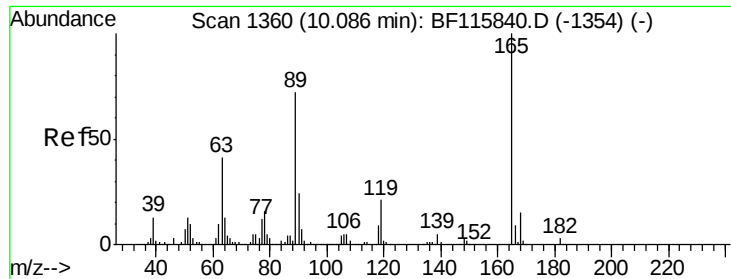


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

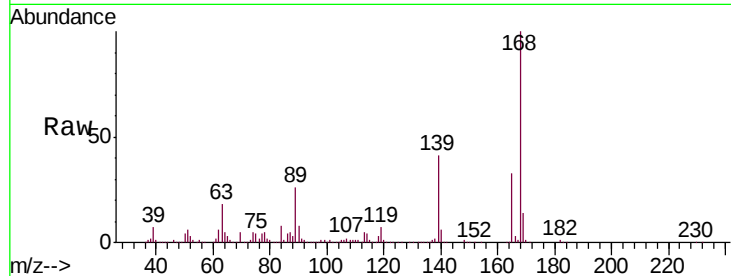




#57
2,4-Dinitrotoluene
Concen: 38.477 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB122172BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.4	39.6	59.4
89	80.4	62.2	93.2
182	2.8	2.1	3.1

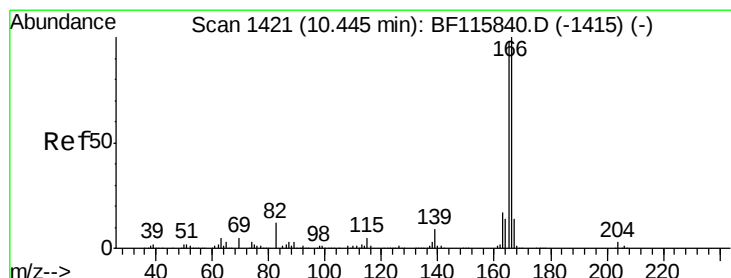
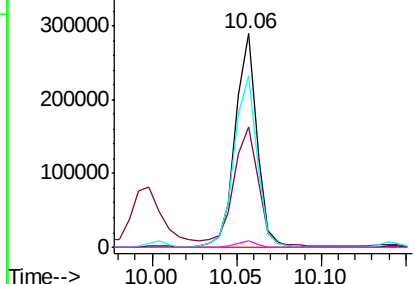
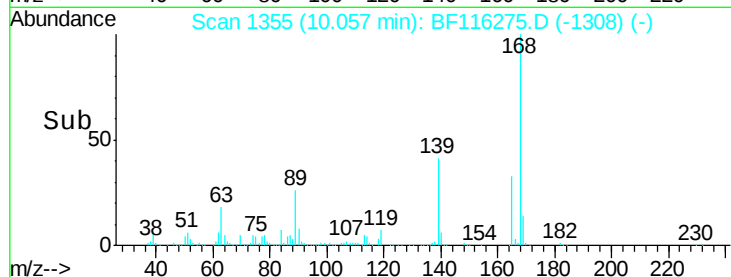


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

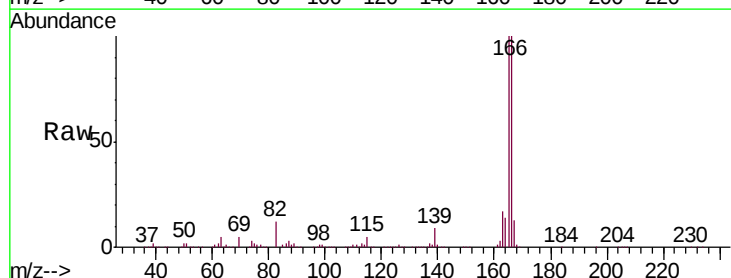
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.672 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

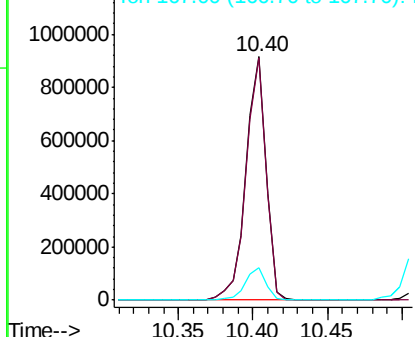
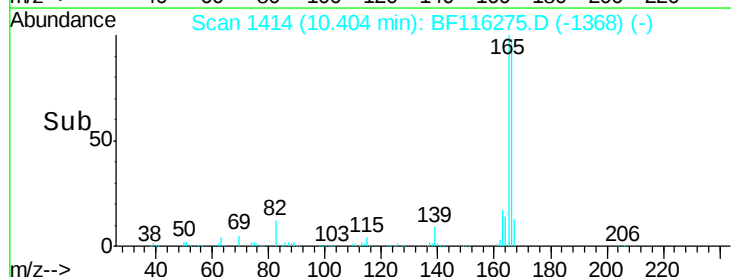
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.4	117.6
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

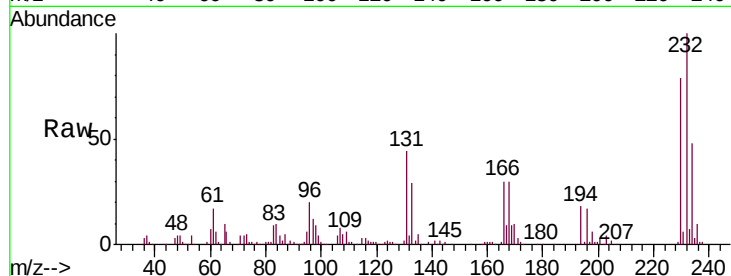




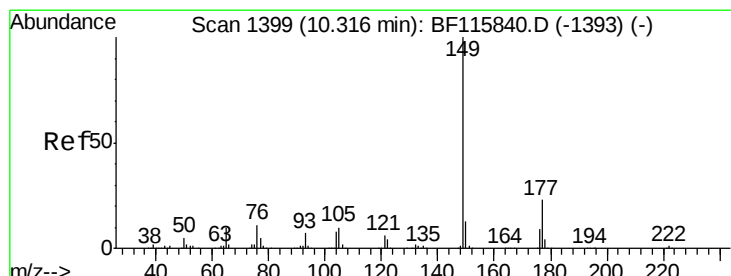
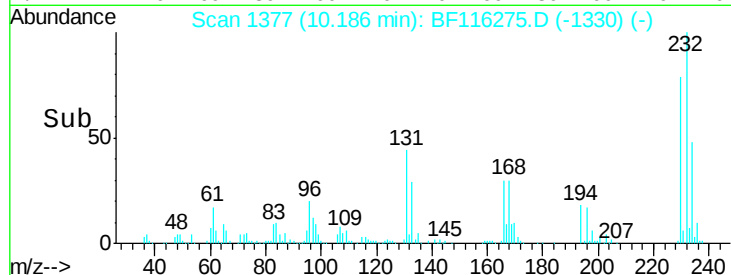
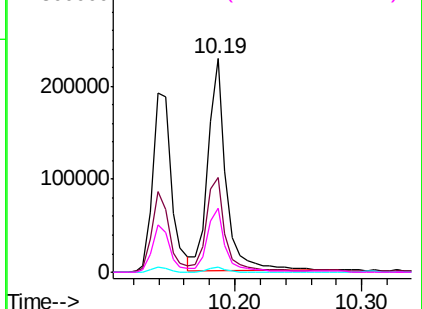
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.431 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB122172BS

Tgt Ion:	232	Resp:	230295
Ion	Ratio	Lower	Upper
232	100		
131	45.7	36.2	54.2
130	2.4	1.9	2.9
166	29.4	23.0	34.4

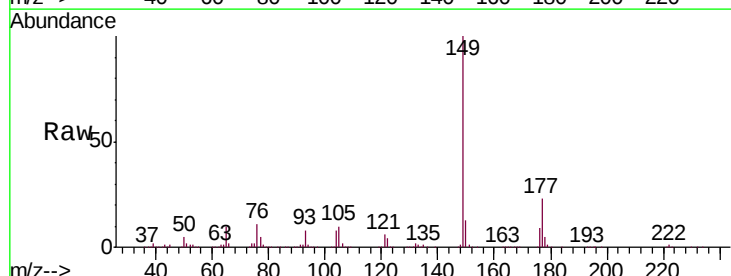


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

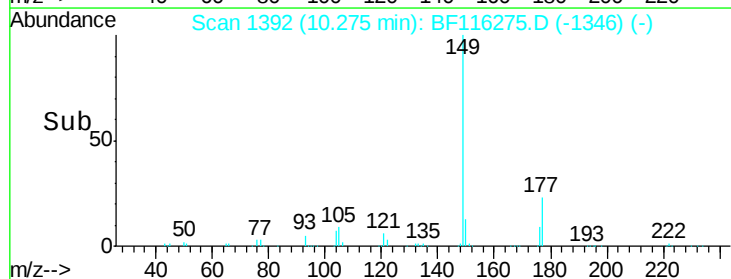
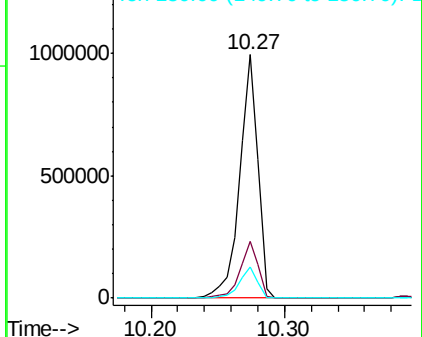


#60
Diethylphthalate
Concen: 43.437 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:	149	Resp:	936515
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.8	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

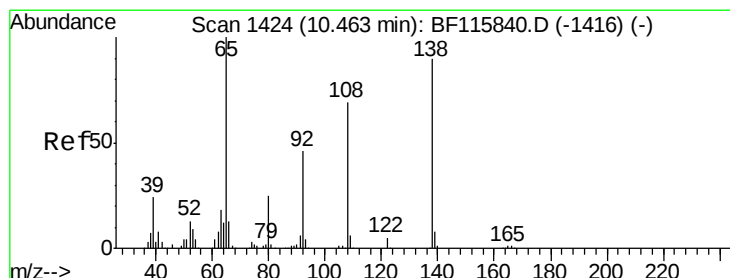
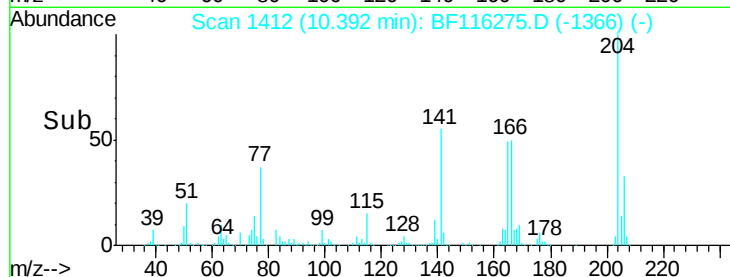
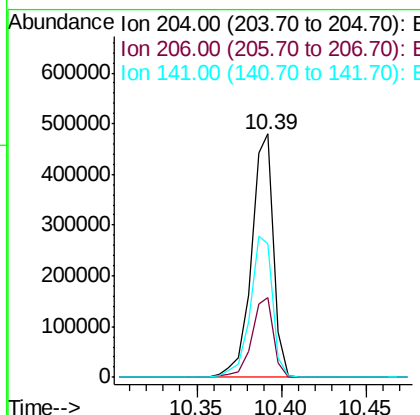
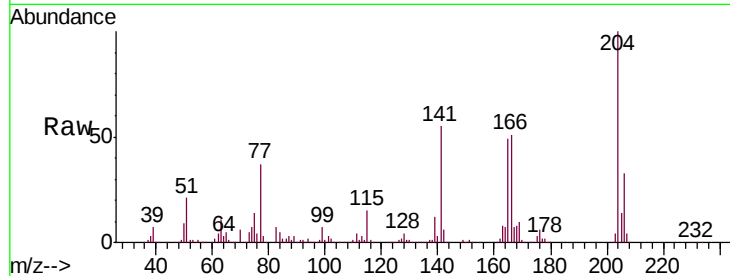




#61
 4-Chlorophenyl-phenylether
 Concen: 43.391 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

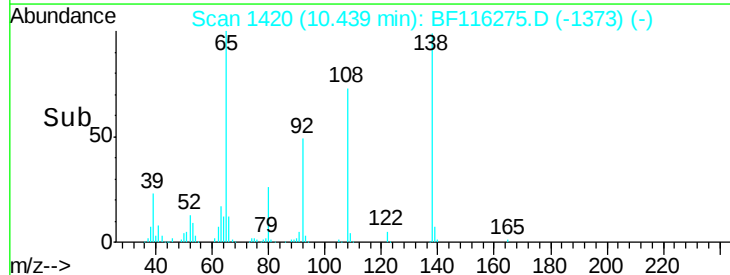
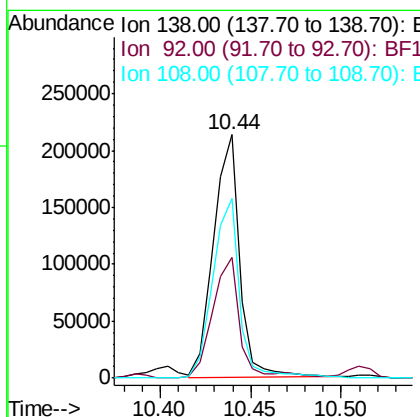
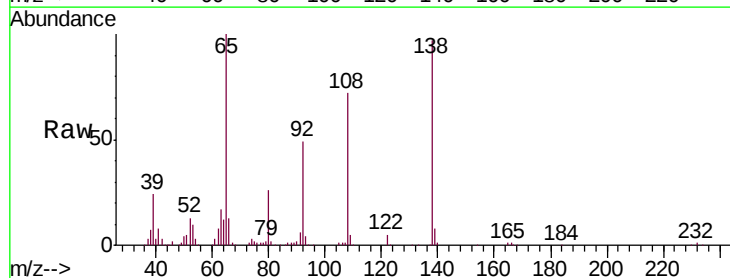
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

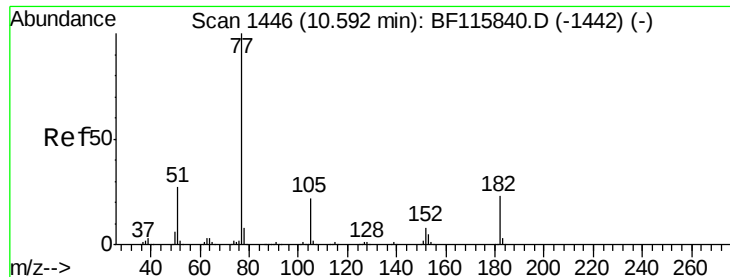
Tgt Ion: 204 Resp: 438558
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.4 39.6
 141 54.7 46.4 69.6



#62
 4-Nitroaniline
 Concen: 33.187 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion: 138 Resp: 212676
 Ion Ratio Lower Upper
 138 100
 92 49.8 29.0 69.0
 108 73.7 54.7 94.7





#63

Azobenzene

Concen: 43.402 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

Tgt Ion: 77 Resp: 962470

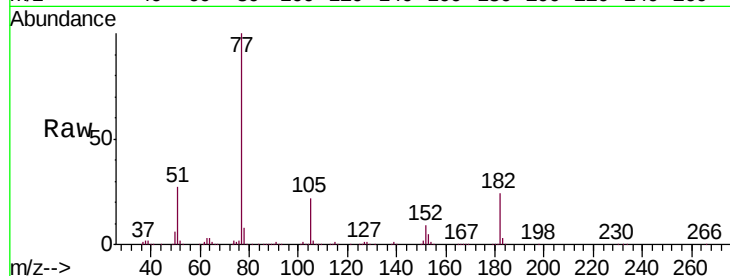
Ion Ratio Lower Upper

77 100

182 24.3 4.0 44.0

105 22.2 2.0 42.0

51 26.8 7.5 47.5

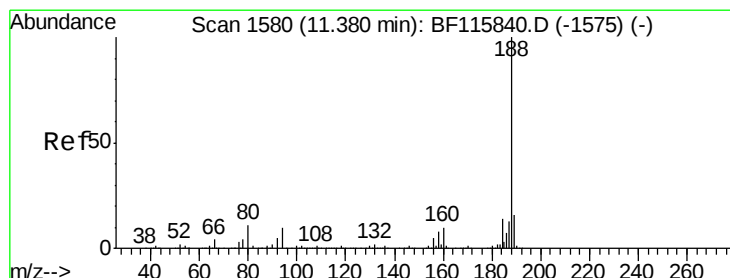
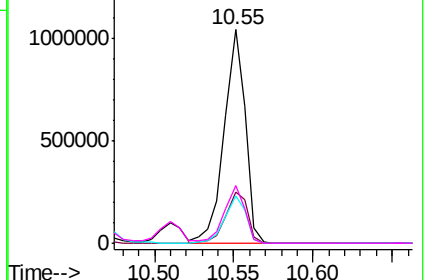
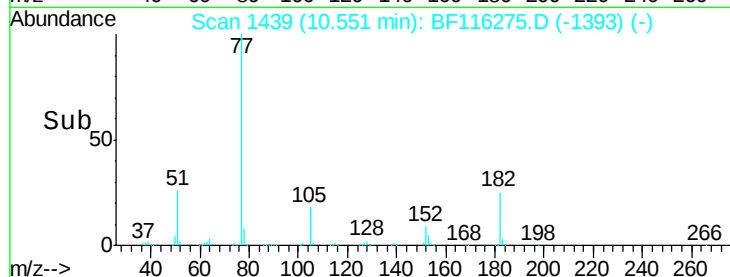


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

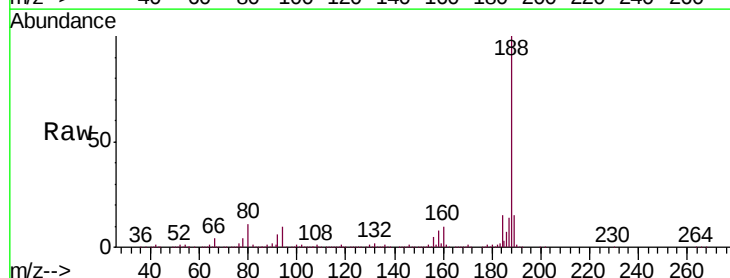
Tgt Ion: 188 Resp: 576808

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

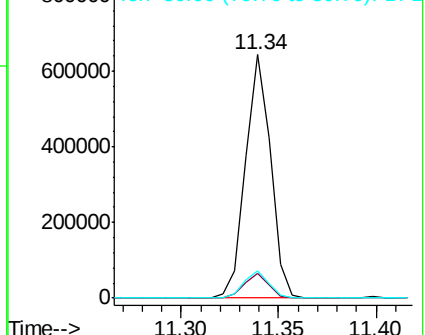
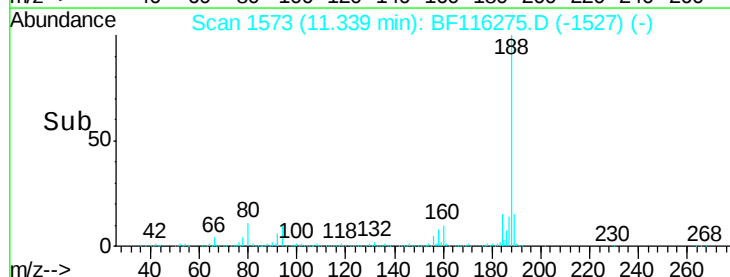
80 11.1 8.7 13.1

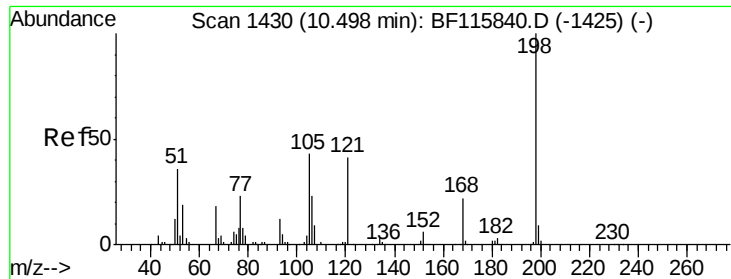


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

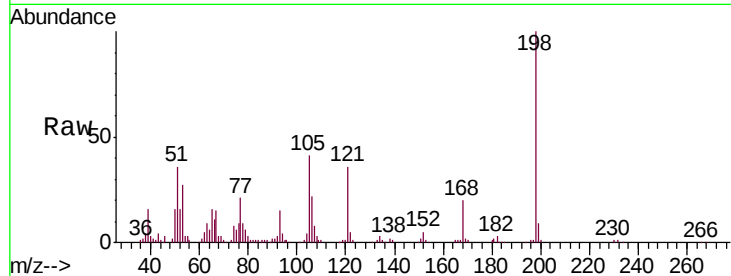




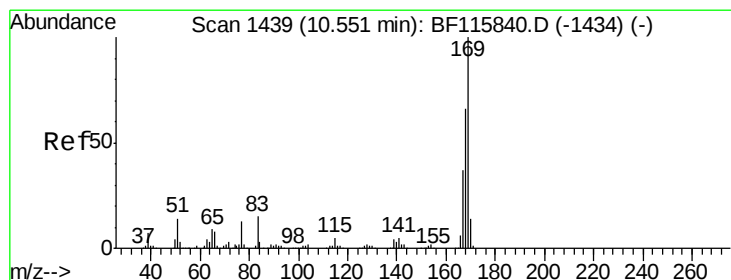
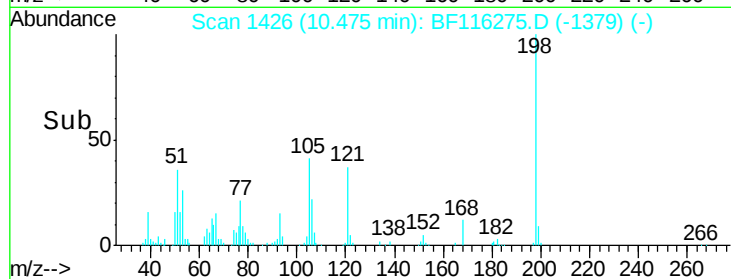
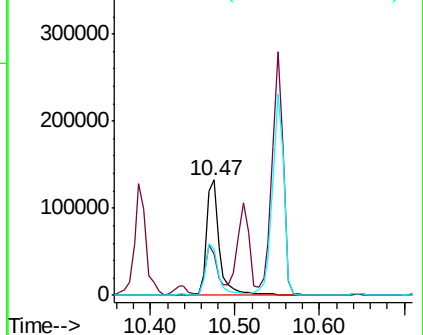
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.510 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Tgt Ion:198 Resp: 142166
 Ion Ratio Lower Upper
 198 100
 51 36.1 17.0 57.0
 105 40.6 21.6 61.6

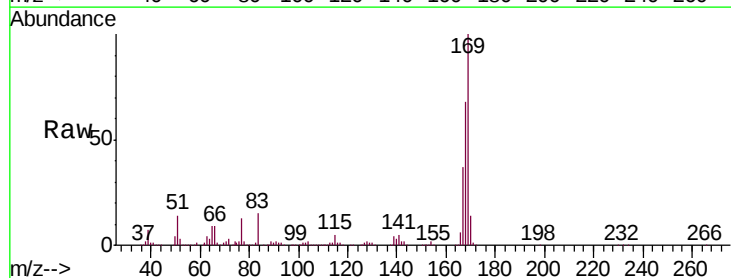


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

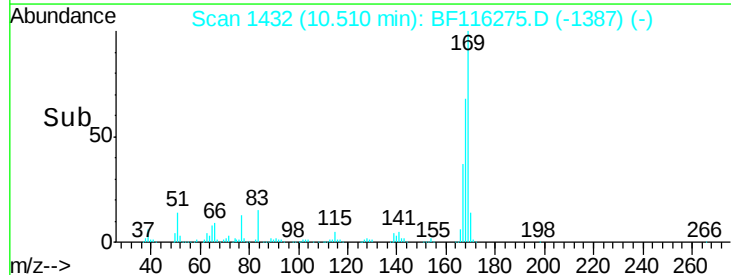
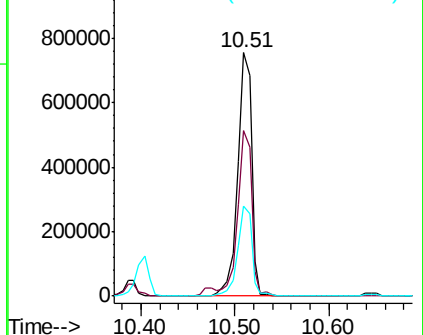


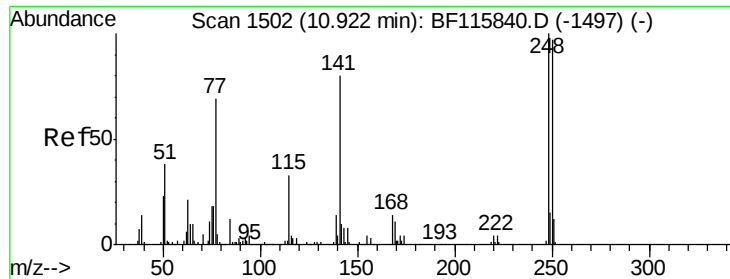
#66
 n-Nitrosodiphenylamine
 Concen: 44.757 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion:169 Resp: 777041
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.8 80.6
 167 36.7 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

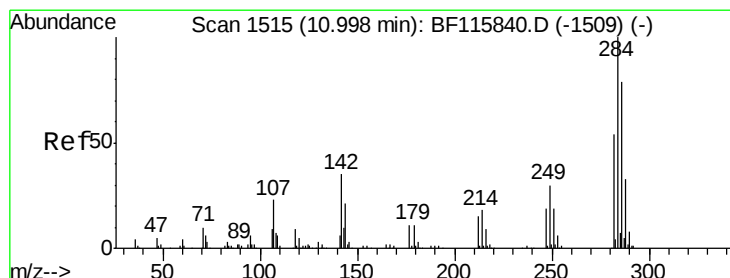
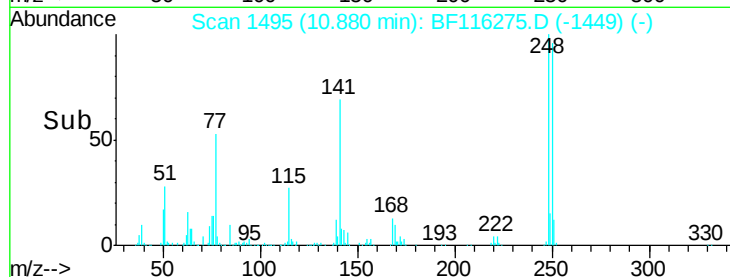
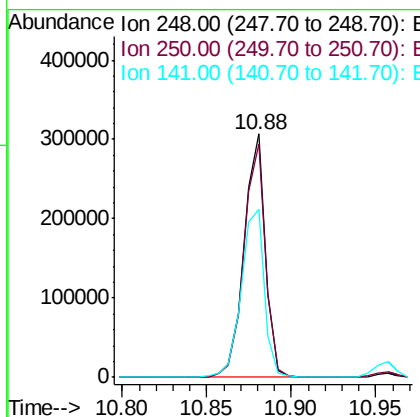
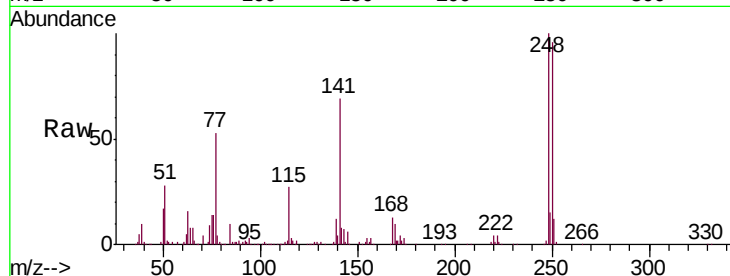




#67
4-Bromophenyl-phenylether
Concen: 43.879 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

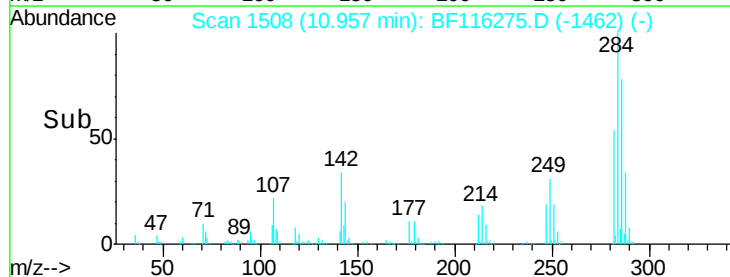
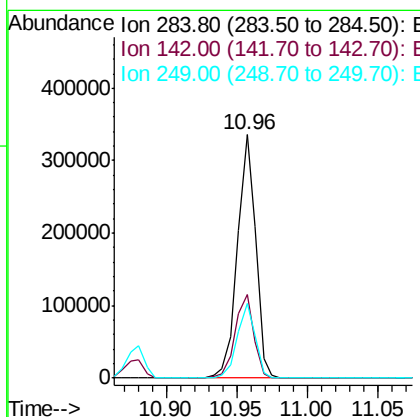
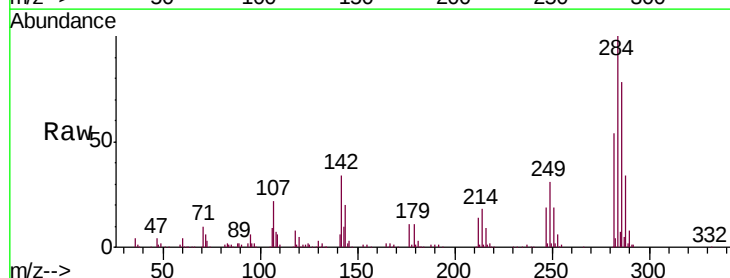
Instrument :
BNA_F
ClientSampleId :
PB122172BS

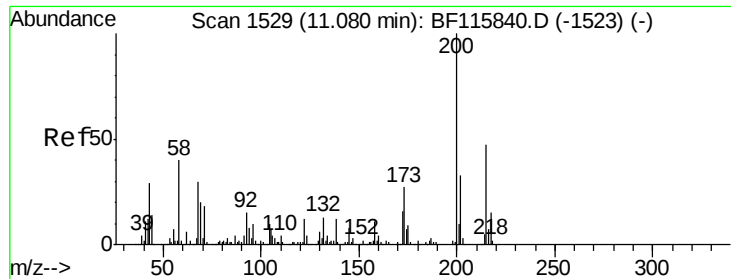
Tgt Ion:248 Resp: 270943
Ion Ratio Lower Upper
248 100
250 95.7 77.4 116.2
141 68.9 56.8 85.2



#68
Hexachlorobenzene
Concen: 42.389 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:284 Resp: 302659
Ion Ratio Lower Upper
284 100
142 34.4 28.4 42.6
249 30.8 24.5 36.7

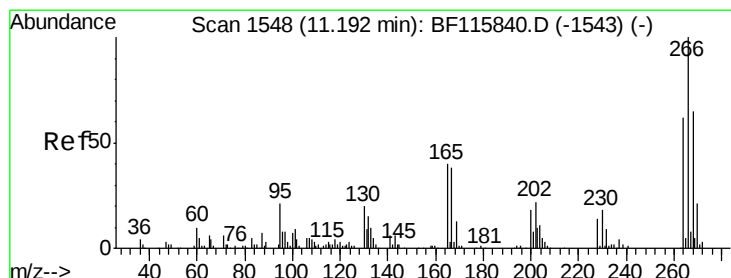
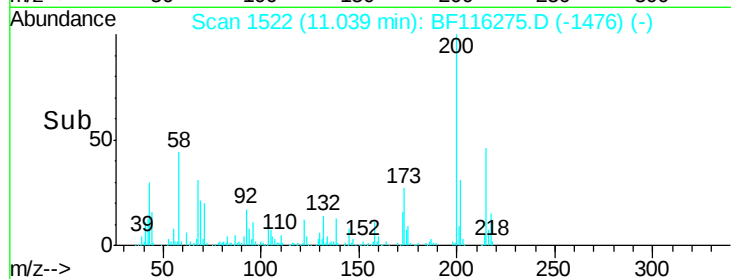
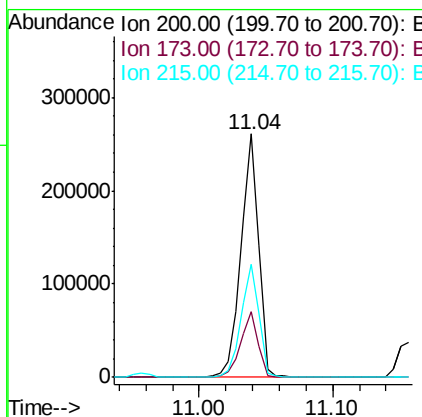
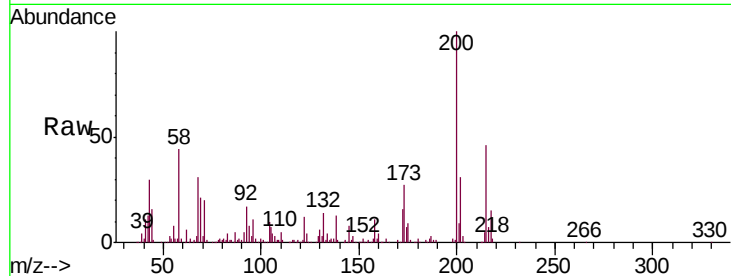




#69
 Atrazine
 Concen: 42.449 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

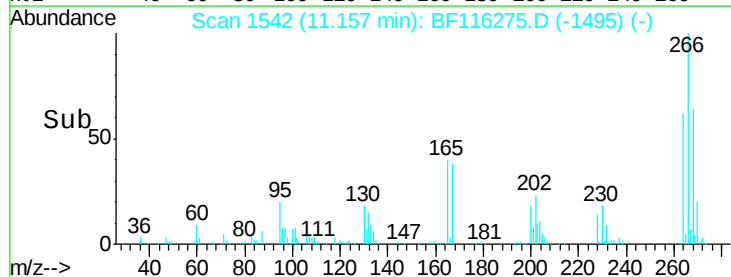
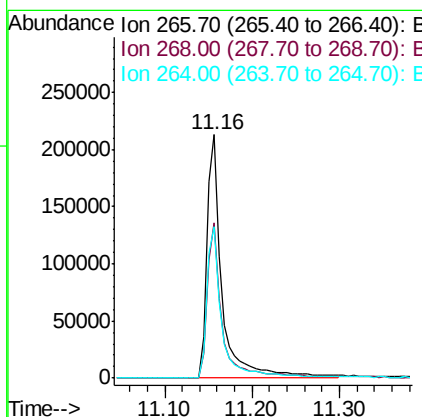
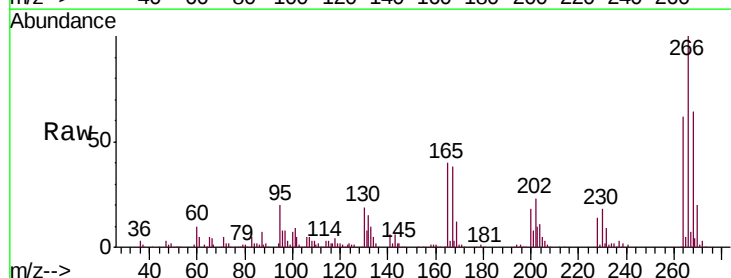
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

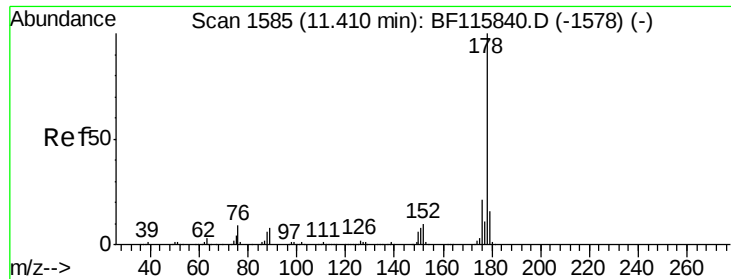
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.8	46.8
215	46.2	27.5	67.5



#70
 Pentachlorophenol
 Concen: 74.586 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.02 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	48.8	73.2
264	62.4	50.6	76.0

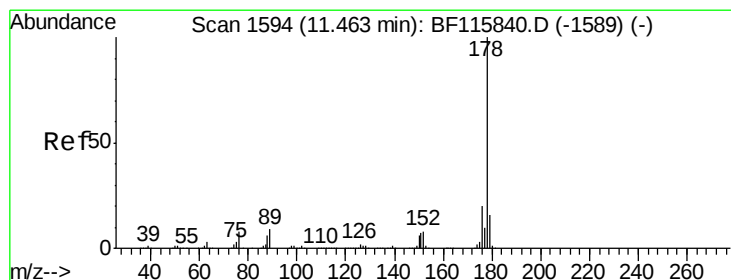
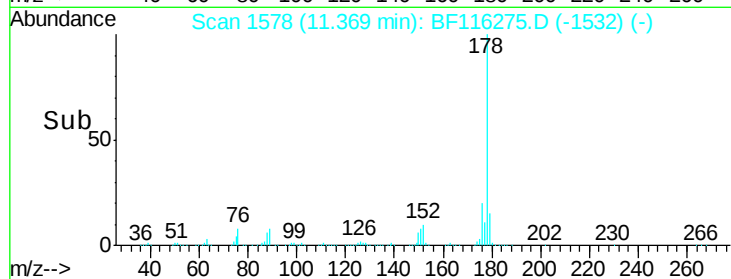
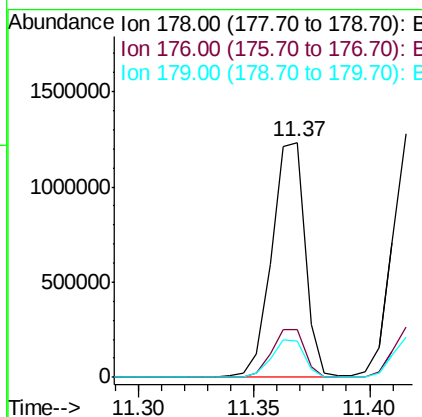
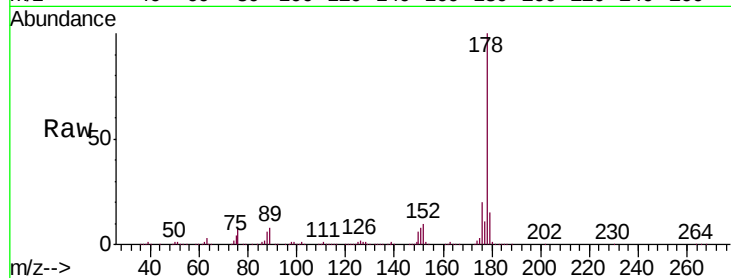




#71
 Phenanthrene
 Concen: 42.059 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

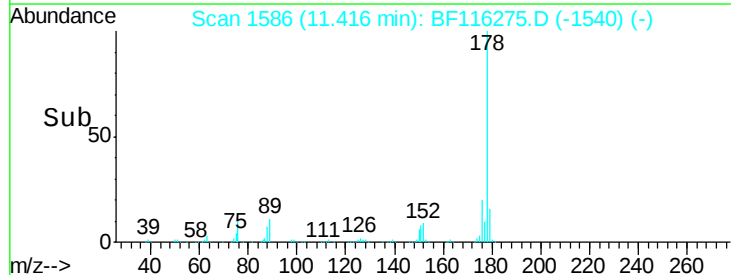
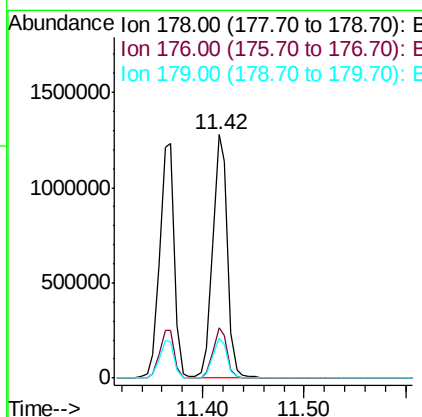
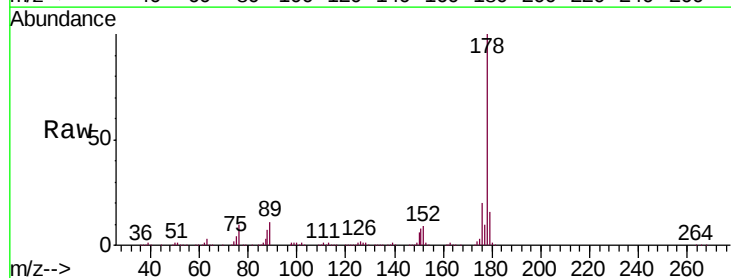
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Tgt Ion:178 Resp: 1240220
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 24.8
 179 15.5 12.5 18.7



#72
 Anthracene
 Concen: 43.112 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion:178 Resp: 1286574
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.4 13.0 19.6

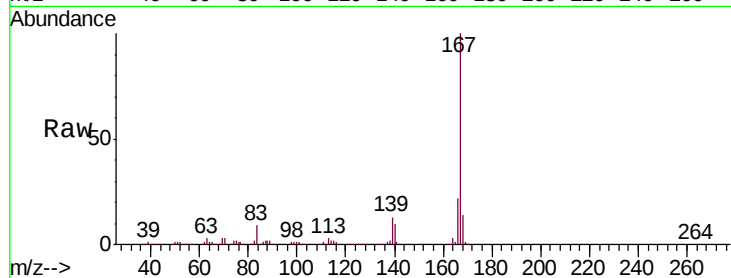




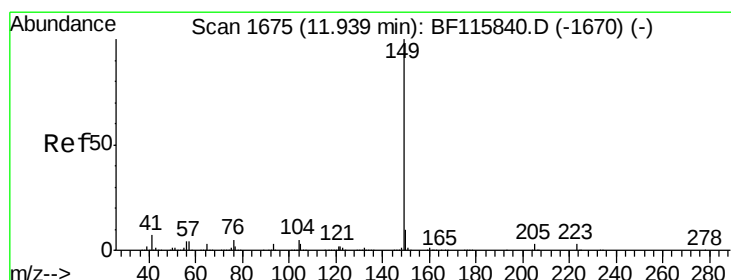
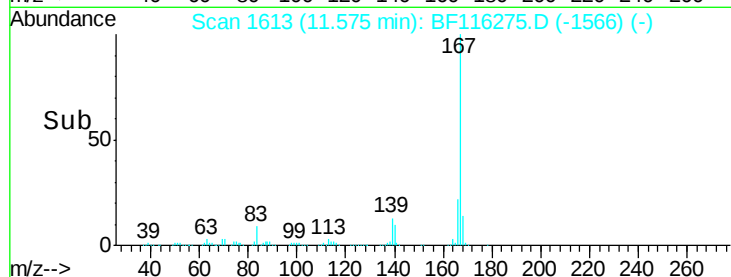
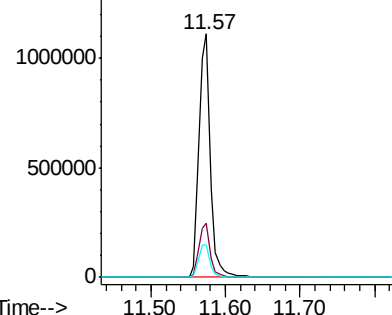
#73
 Carbazole
 Concen: 42.989 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Tgt Ion:167 Resp: 1163917
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.4 11.4 17.0

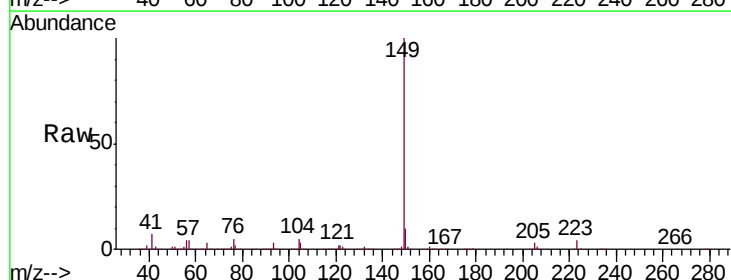


Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

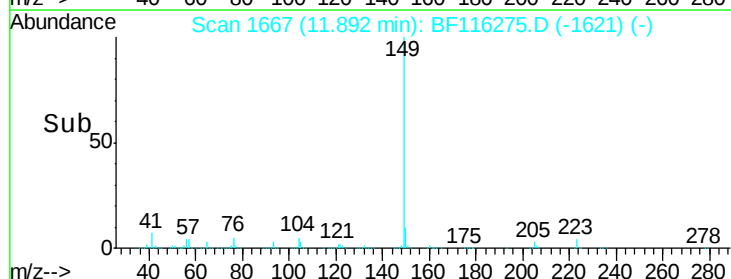
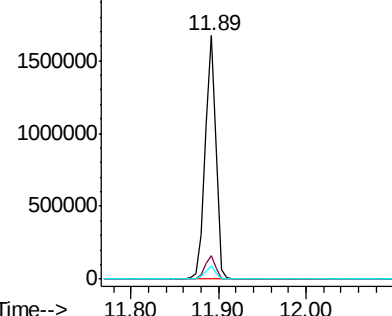


#74
 Di-n-butylphthalate
 Concen: 45.199 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion:149 Resp: 1427566
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 5.4 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

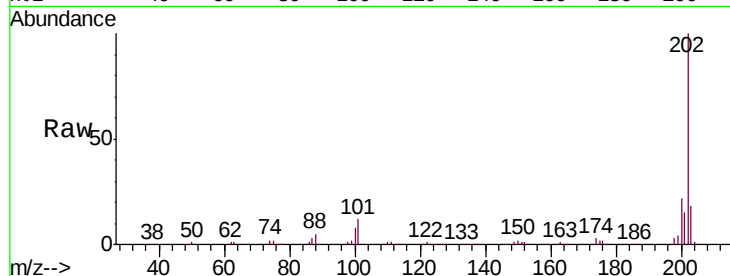




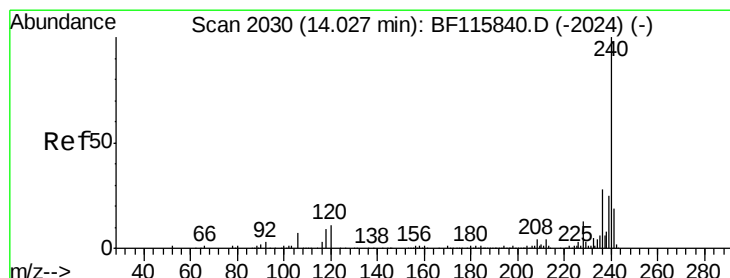
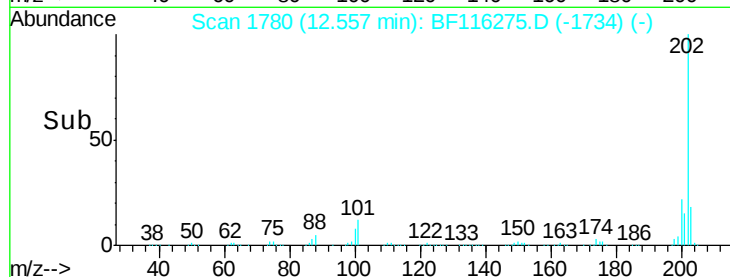
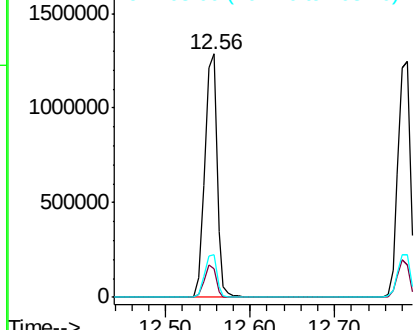
#75
 Fluoranthene
 Concen: 41.904 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

Tgt Ion: 202 Resp: 1293609
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.2
 203 17.8 0.0 37.8

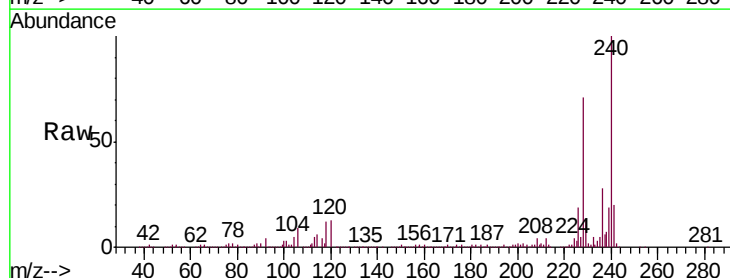


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

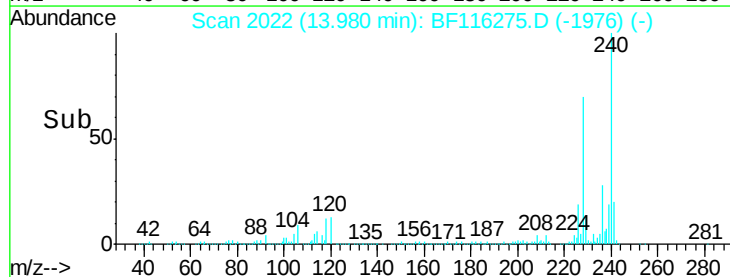
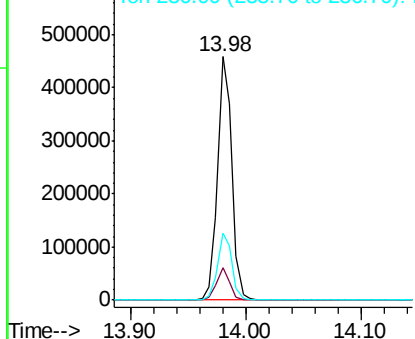


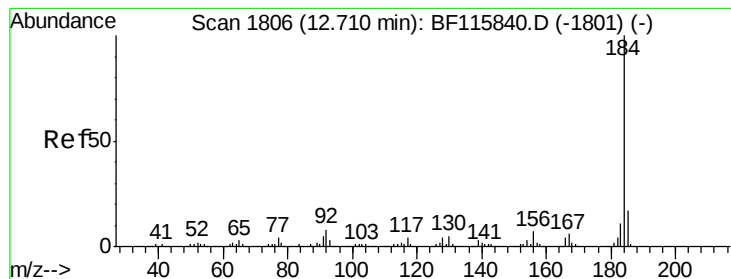
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion: 240 Resp: 394130
 Ion Ratio Lower Upper
 240 100
 120 13.3 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: 31.572 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

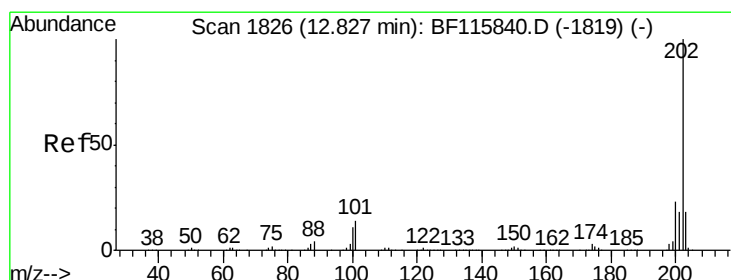
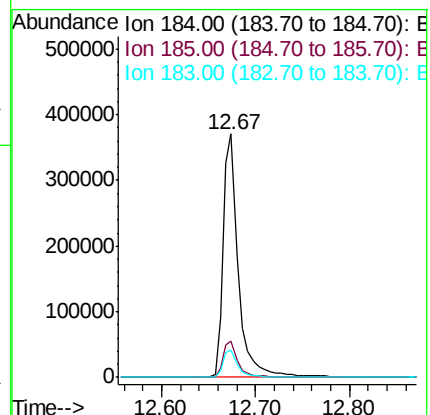
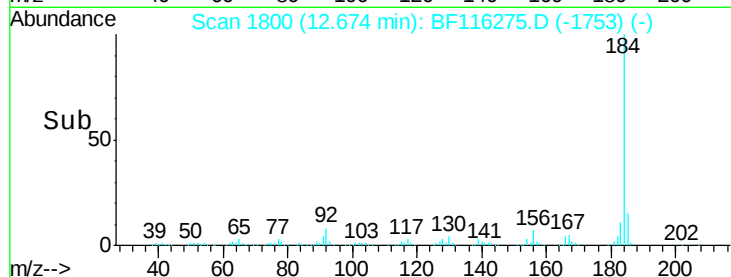
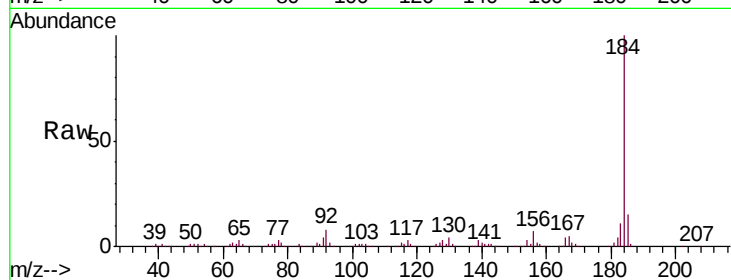
Tgt Ion:184 Resp: 420392

Ion Ratio Lower Upper

184 100

185 14.8 12.8 19.2

183 11.5 9.4 14.0



#78

Pyrene

Concen: 43.592 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

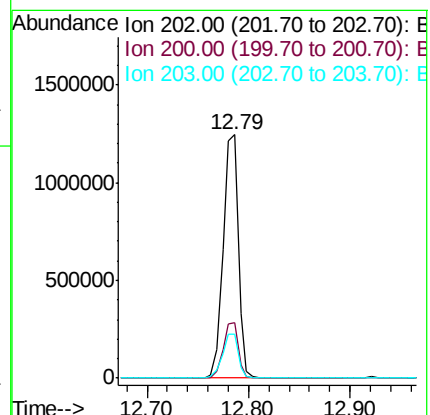
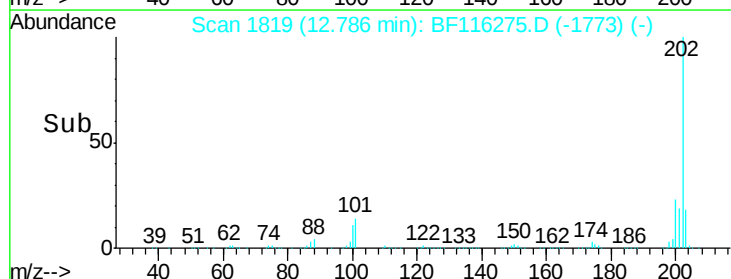
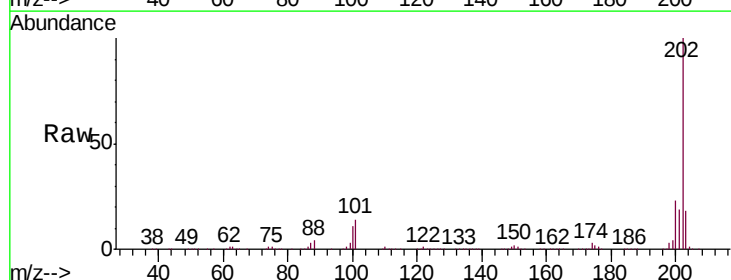
Tgt Ion:202 Resp: 1295135

Ion Ratio Lower Upper

202 100

200 23.0 18.0 27.0

203 18.0 14.1 21.1

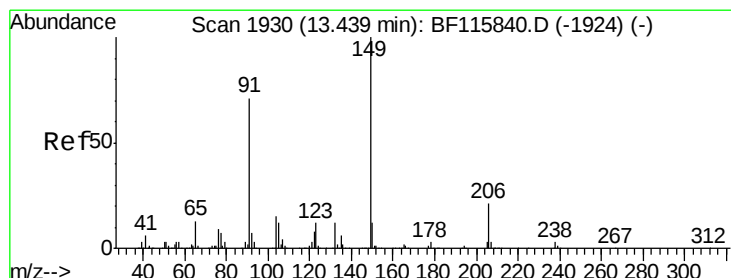
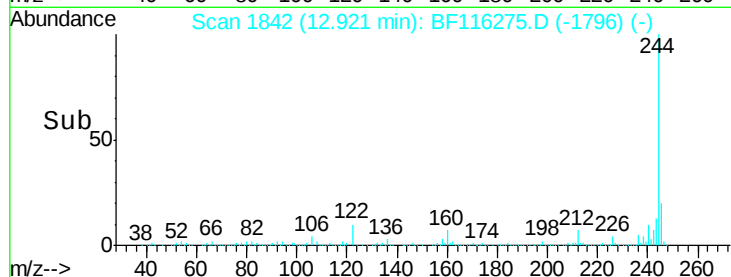
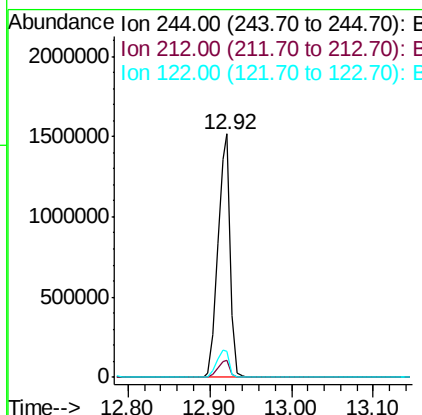
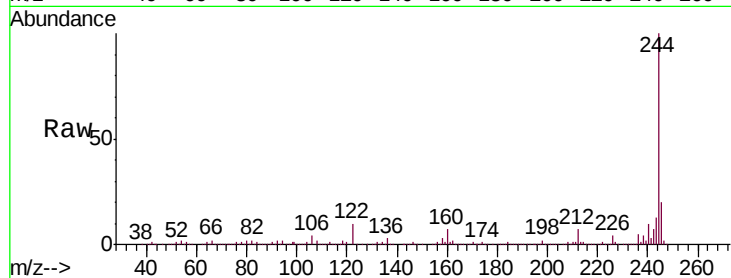




#79
 Terphenyl-d14
 Concen: 83.986 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

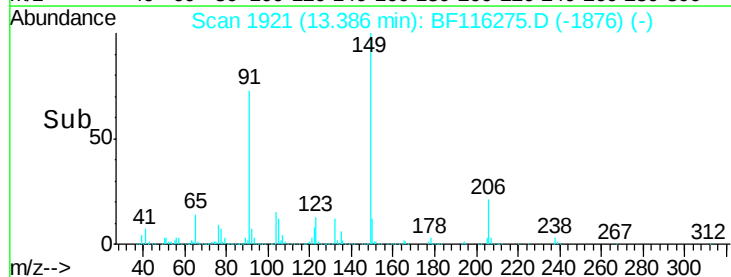
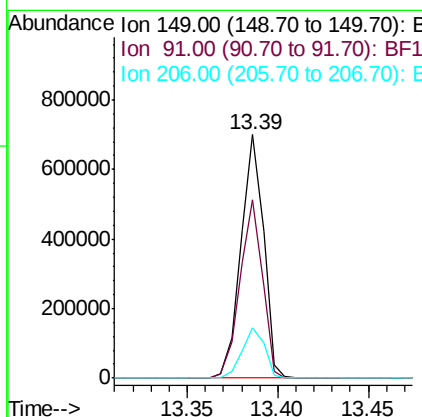
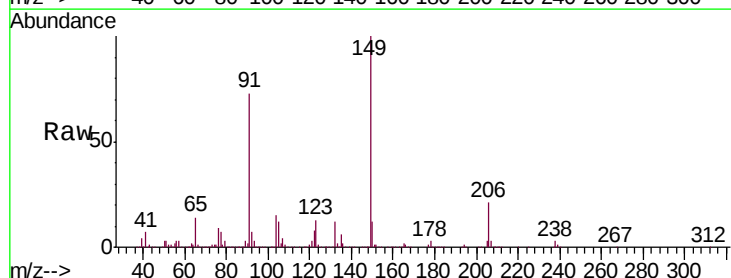
Instrument :
 BNA_F
 ClientSampleId :
 PB122172BS

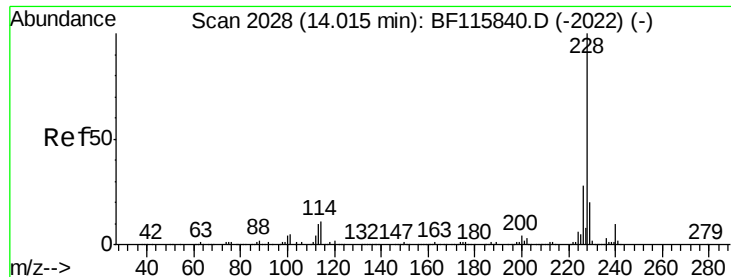
Tgt Ion:244 Resp: 1570904
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 48.388 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.04 min
 Lab File: BF116275.D
 Acq: 15 Aug 2019 13:23

Tgt Ion:149 Resp: 608117
 Ion Ratio Lower Upper
 149 100
 91 73.0 56.3 84.5
 206 20.8 18.0 27.0





#81

Benzo(a)anthracene

Concen: 42.971 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

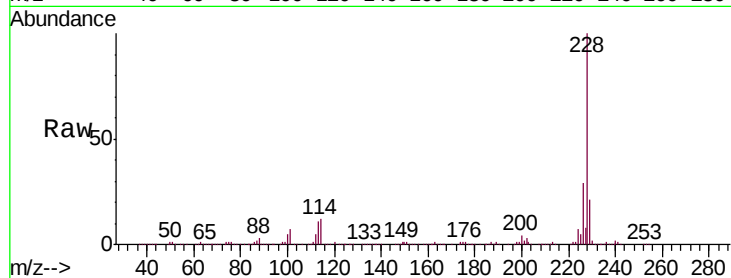
Tgt Ion:228 Resp: 1082491

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

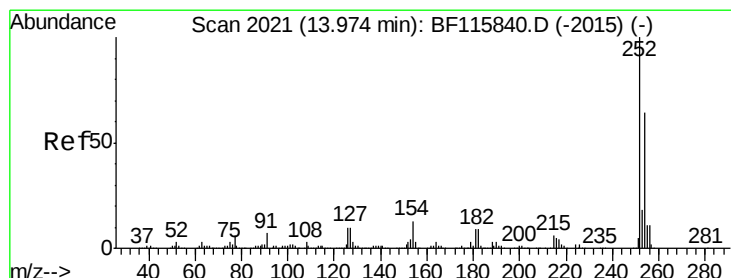
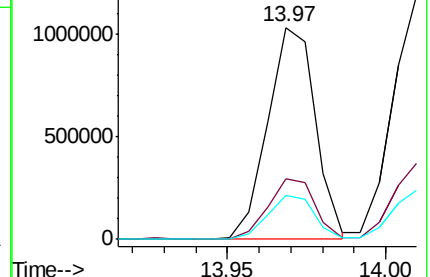
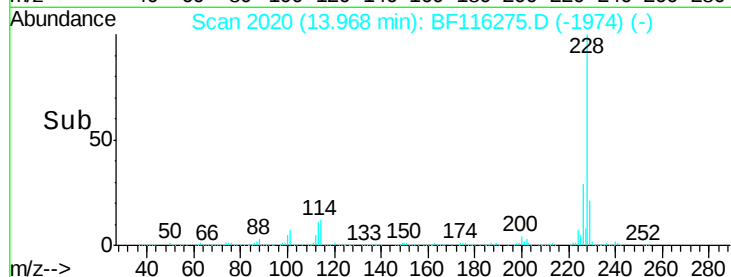
229 20.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.083 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

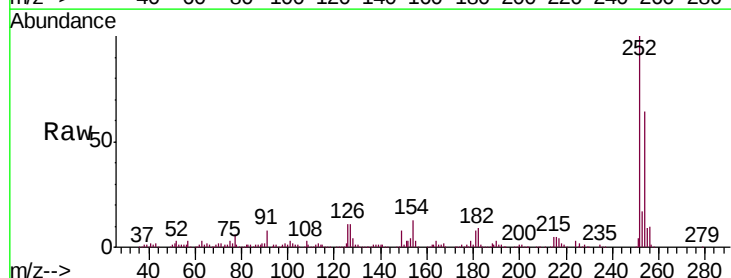
Tgt Ion:252 Resp: 342051

Ion Ratio Lower Upper

252 100

254 63.7 50.9 76.3

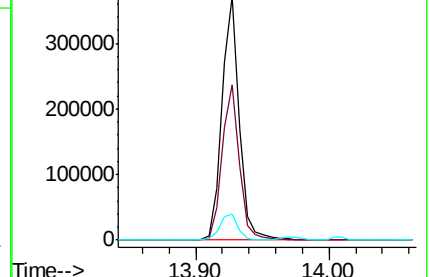
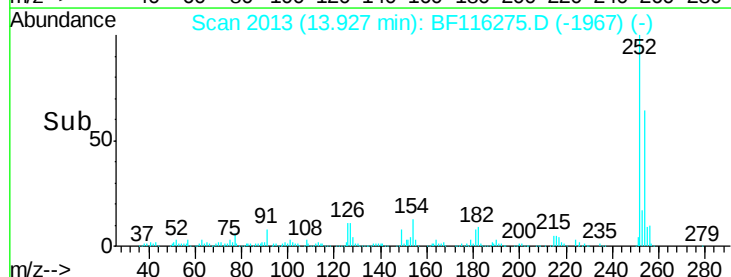
126 10.9 9.8 14.8

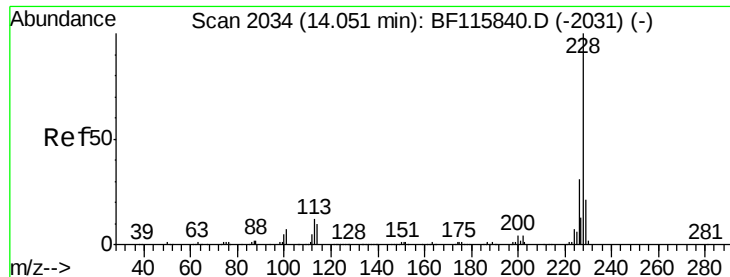


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.333 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

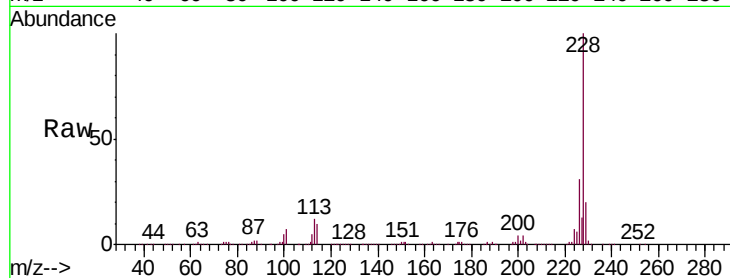
Tgt Ion:228 Resp: 1084242

Ion Ratio Lower Upper

228 100

226 31.3 25.5 38.3

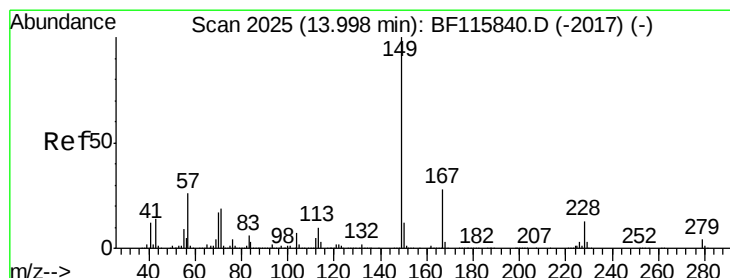
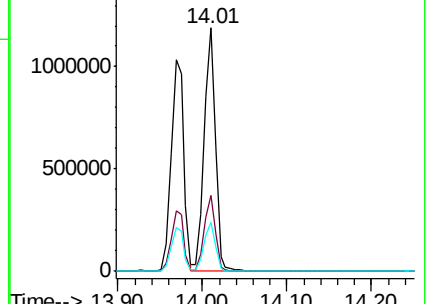
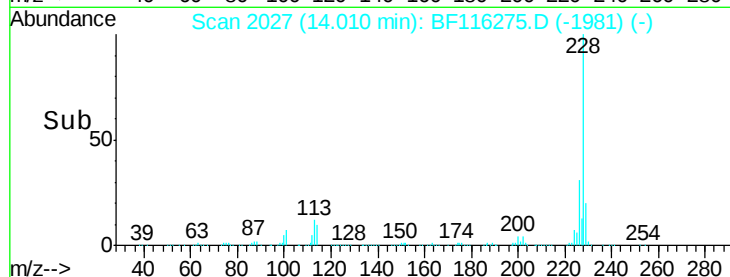
229 20.0 16.6 24.8



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: 52.716 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

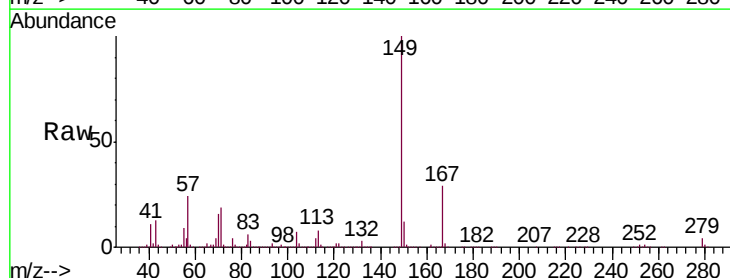
Tgt Ion:149 Resp: 860925

Ion Ratio Lower Upper

149 100

167 28.5 21.6 32.4

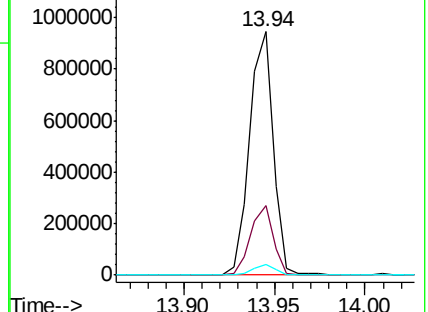
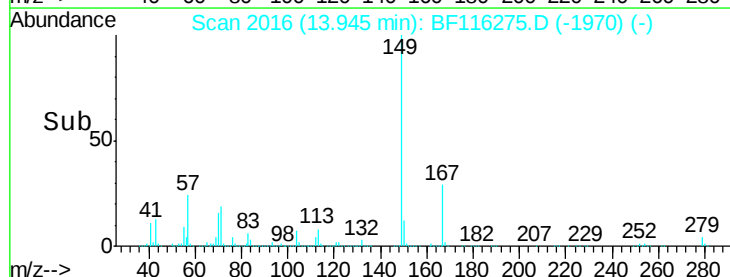
279 4.5 3.0 4.4#

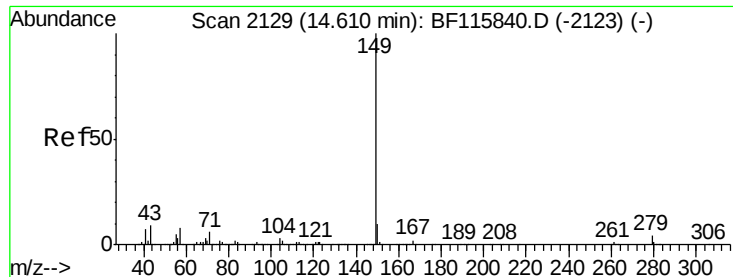


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

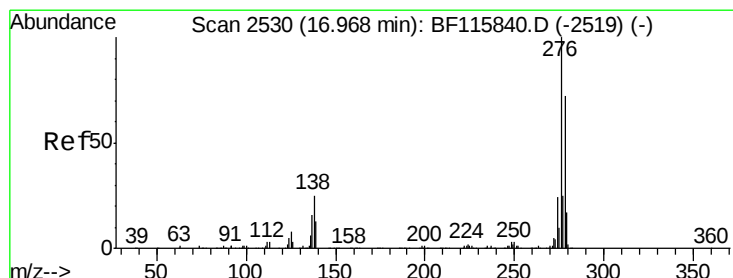
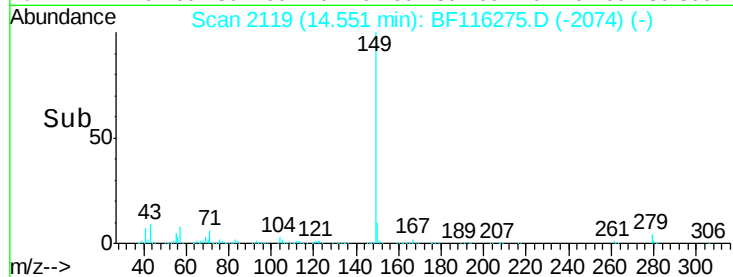
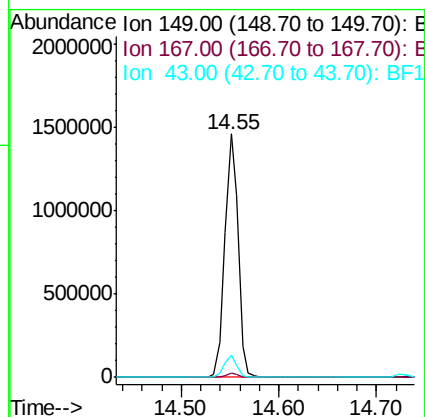
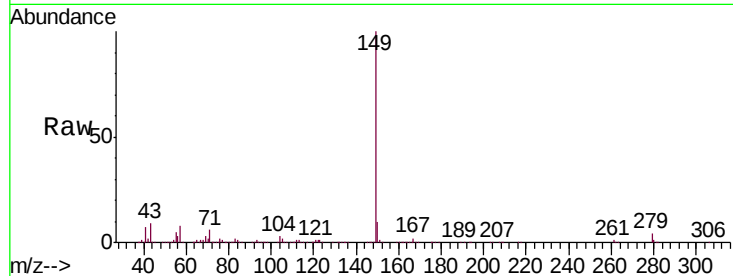




#85
Di-n-octyl phthalate
Concen: 53.077 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

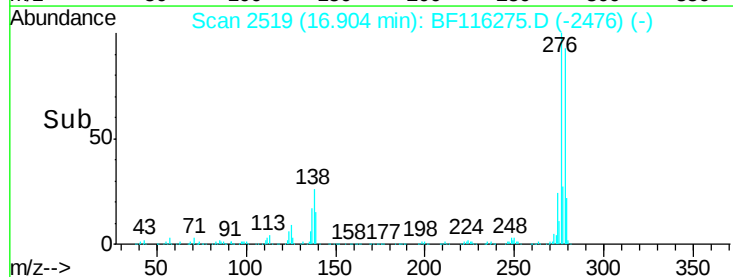
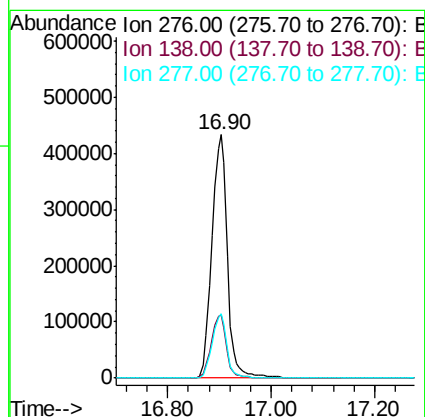
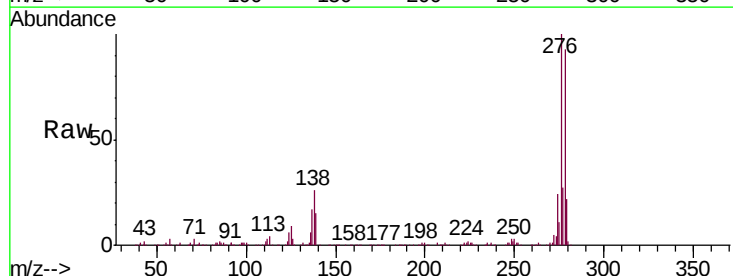
Instrument :
BNA_F
ClientSampleId :
PB122172BS

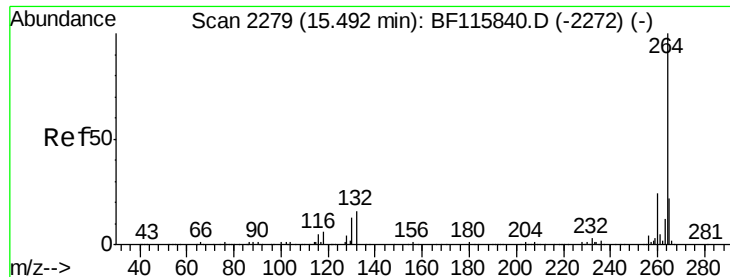
Tgt Ion:149 Resp: 1376812
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.9 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.380 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:276 Resp: 911616
Ion Ratio Lower Upper
276 100
138 25.5 20.4 30.6
277 25.4 20.0 30.0



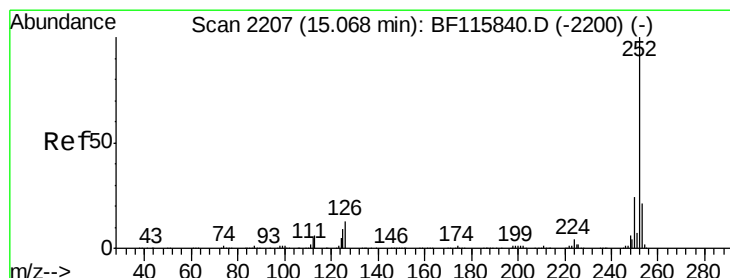
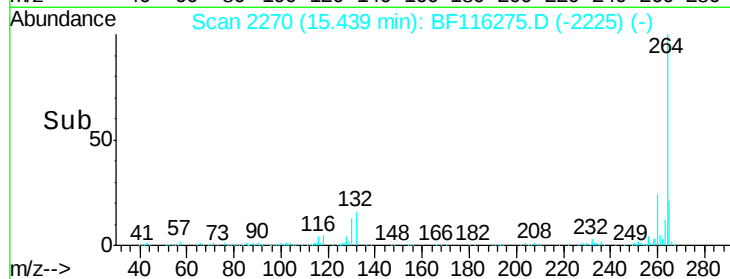
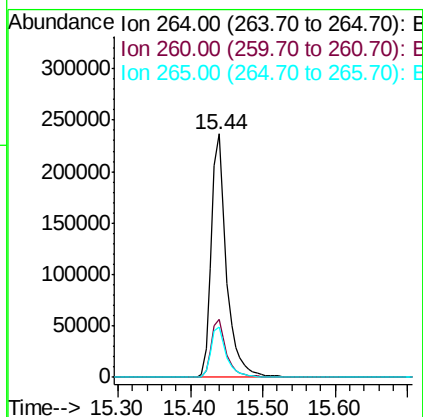
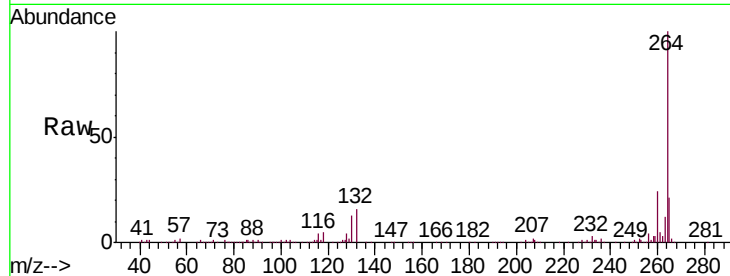


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Instrument :
BNA_F
ClientSampleId :
PB122172BS

Tgt Ion: 264 Resp: 345276

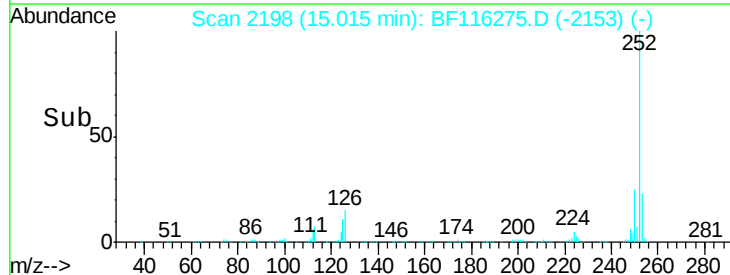
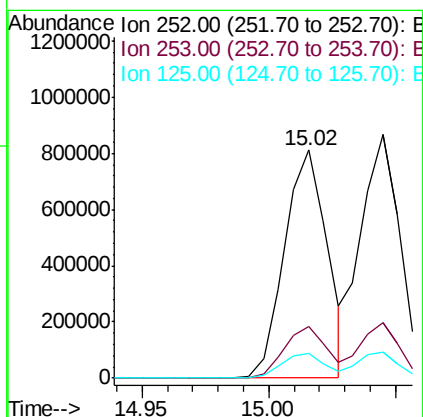
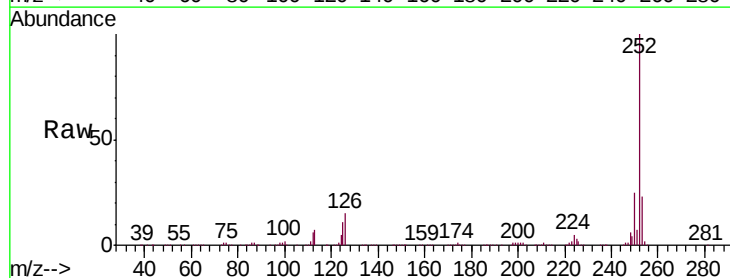
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	20.9	17.4	26.0

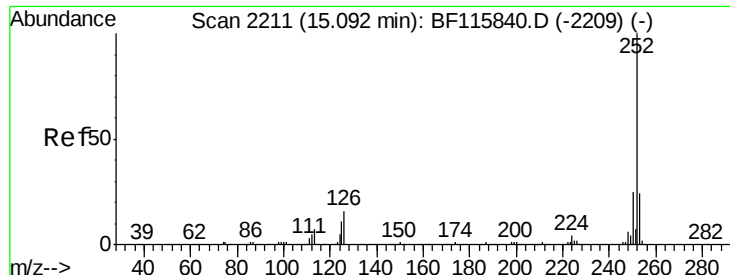


#88
Benzo(b)fluoranthene
Concen: 47.634 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion: 252 Resp: 950981

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.7	8.4	12.6

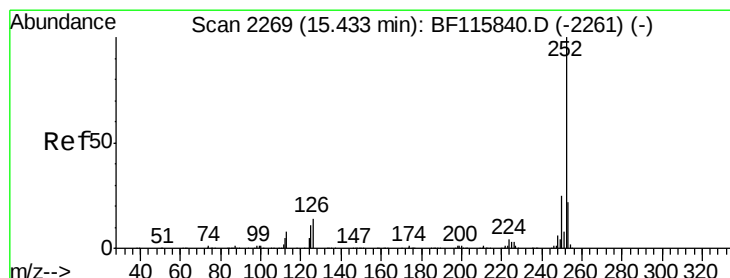
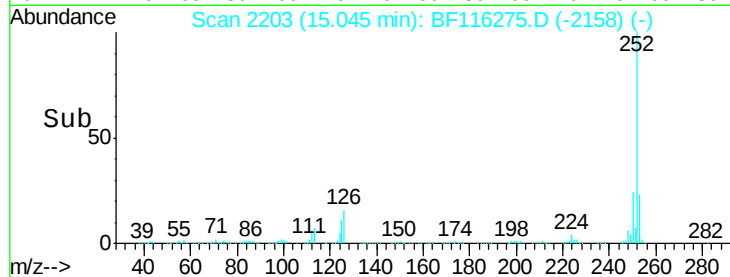
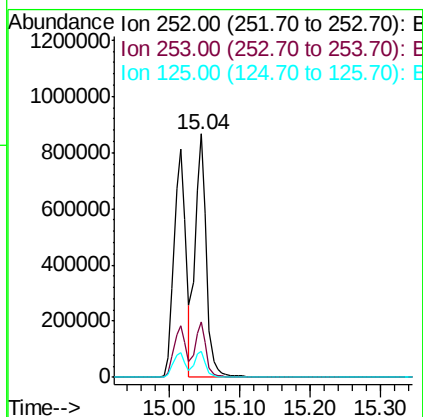
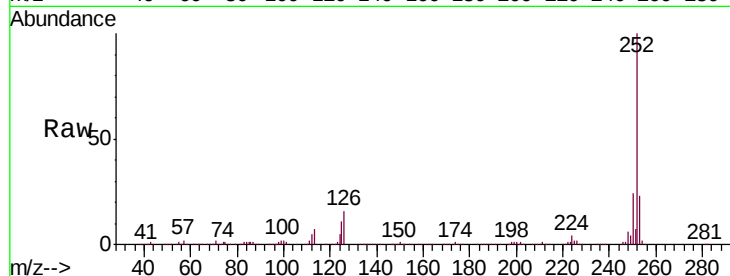




#89
Benzo(k)fluoranthene
Concen: 50.266 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

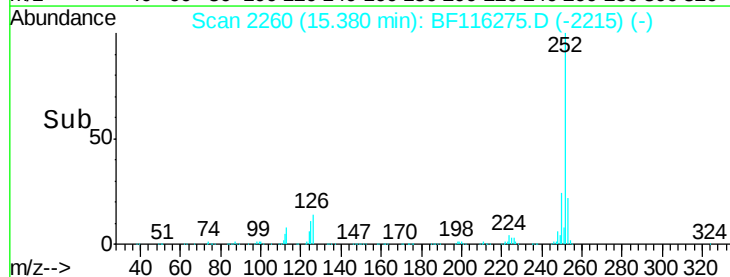
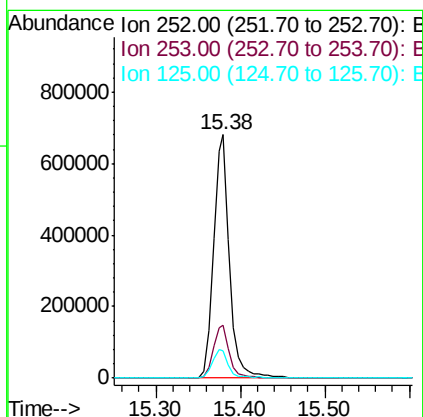
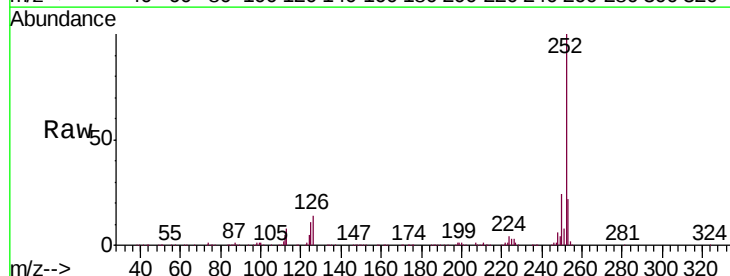
Instrument :
BNA_F
ClientSampleId :
PB122172BS

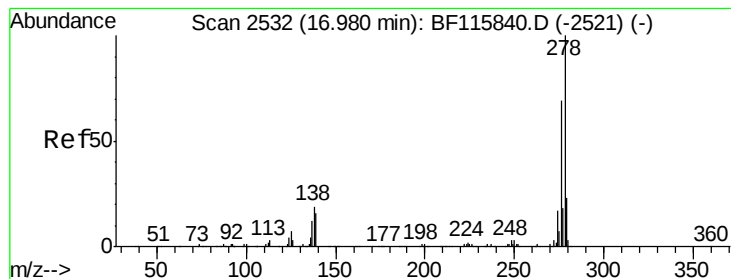
Tgt Ion:252 Resp: 977440
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.7 7.7 11.5



#90
Benzo(a)pyrene
Concen: 50.832 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116275.D
Acq: 15 Aug 2019 13:23

Tgt Ion:252 Resp: 907177
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 49.539 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

Instrument :

BNA_F

ClientSampleId :

PB122172BS

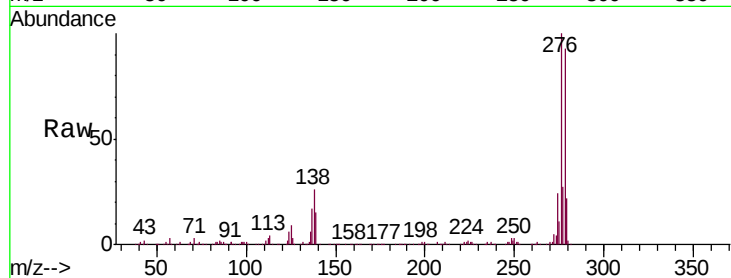
Tgt Ion:278 Resp: 765285

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

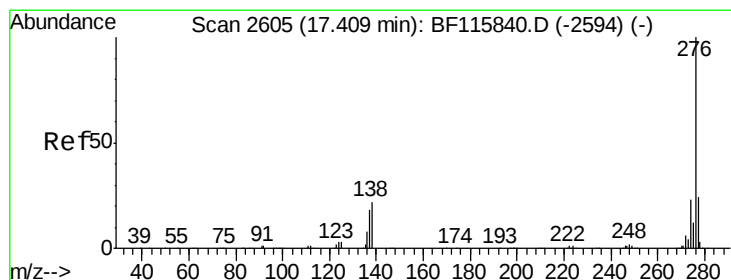
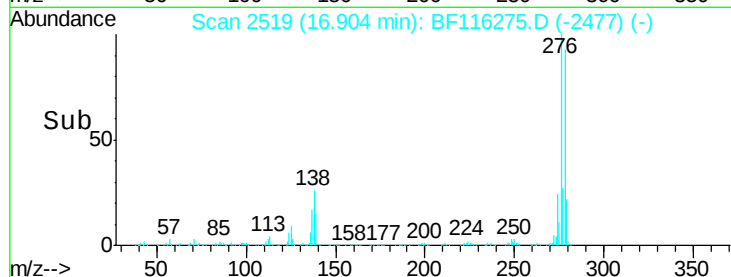
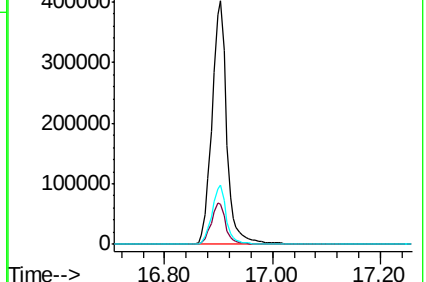
279 24.2 18.8 28.2



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: 50.275 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.05 min

Lab File: BF116275.D

Acq: 15 Aug 2019 13:23

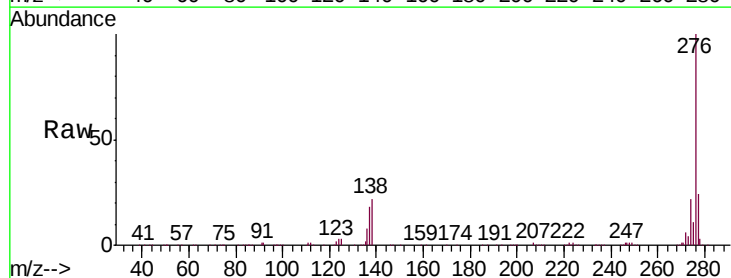
Tgt Ion:276 Resp: 762743

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 21.8 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

