

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116481.D
 Acq On : 23 Aug 2019 17:06
 Operator : HP/JU
 Sample : PB122393BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Quant Time: Aug 24 03:32:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	109042	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	435264	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	214152	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	337282	20.00	ng	0.00
76) Chrysene-d12	14.03	240	191485	20.00	ng	0.00
87) Perylene-d12	15.49	264	190007	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	713043	95.55	ng	0.01
7) Phenol-d6	6.51	99	887857	97.03	ng	0.00
23) Nitrobenzene-d5	7.44	82	509321	64.02	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	188046	102.26	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	895719	67.36	ng	0.00
79) Terphenyl-d14	12.98	244	749934	73.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	132242	40.927	ng	98
3) Pyridine	3.50	79	323033	32.829	ng	100
4) n-Nitrosodimethylamine	3.45	42	142514	39.675	ng	99
6) Aniline	6.55	93	396685	32.021	ng	99
8) 2-Chlorophenol	6.67	128	307232	39.231	ng	97
9) Benzaldehyde	6.43	77	248232	40.601	ng	97
10) Phenol	6.52	94	394067	39.658	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	298912	39.508	ng	99
12) 1,3-Dichlorobenzene	6.83	146	332293	39.202	ng	97
13) 1,4-Dichlorobenzene	6.90	146	339787	41.650	ng	98
14) 1,2-Dichlorobenzene	7.06	146	314164	40.821	ng	99
15) Benzyl Alcohol	7.02	79	283484	38.282	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	386074	36.907	ng	99
17) 2-Methylphenol	7.13	107	255876	39.435	ng	99
18) Hexachloroethane	7.40	117	125992	39.599	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	226808	36.325	ng	98
20) 3+4-Methylphenols	7.28	107	317043	39.886	ng	98
22) Acetophenone	7.29	105	431014	39.601	ng	# 92
24) Nitrobenzene	7.46	77	336815	40.880	ng	95
25) Isophorone	7.70	82	600771	38.319	ng	98
26) 2-Nitrophenol	7.78	139	147087	48.874	ng	91
27) 2,4-Dimethylphenol	7.81	122	268426	42.747	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	363150	37.507	ng	99
29) 2,4-Dichlorophenol	8.02	162	241733	40.479	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	275354	40.958	ng	99
31) Naphthalene	8.19	128	871535	41.391	ng	100
32) Benzoic acid	7.92	122	164563	40.993	ng	95
33) 4-Chloroaniline	8.23	127	190828	20.644	ng	98
34) Hexachlorobutadiene	8.31	225	150360	41.010	ng	100
35) Caprolactam	8.59	113	48690	23.407	ng	91
36) 4-Chloro-3-methylphenol	8.70	107	256651	38.090	ng	94
37) 2-Methylnaphthalene	8.87	142	576044	39.844	ng	98
38) 1-Methylnaphthalene	8.97	142	534201	39.555	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	241320	41.884	ng	98

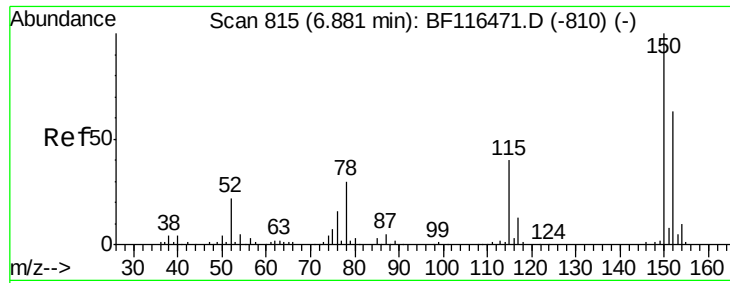
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116481.D
 Acq On : 23 Aug 2019 17:06
 Operator : HP/JU
 Sample : PB122393BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Quant Time: Aug 24 03:32:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	285557	92.117	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	164356	40.759	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	176995	43.138	ng	94
46) 1,1'-Biphenyl	9.34	154	696908	40.703	ng	99
47) 2-Chloronaphthalene	9.36	162	526755	39.684	ng	99
48) 2-Nitroaniline	9.45	65	151129	37.185	ng	98
49) Acenaphthylene	9.78	152	803476	41.373	ng	99
50) Dimethylphthalate	9.63	163	572251	38.299	ng	100
51) 2,6-Dinitrotoluene	9.69	165	124588	40.738	ng	99
52) Acenaphthene	9.95	154	528718	42.428	ng	100
53) 3-Nitroaniline	9.86	138	90251	24.757	ng	93
54) 2,4-Dinitrophenol	9.96	184	81387	69.232	ng	# 1
55) Dibenzofuran	10.12	168	700831	40.346	ng	99
56) 4-Nitrophenol	10.01	139	196715	69.425	ng	96
57) 2,4-Dinitrotoluene	10.09	165	160389	41.215	ng	98
58) Fluorene	10.46	166	531339	39.370	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	136990	40.662	ng	99
60) Diethylphthalate	10.33	149	554403	37.752	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	257335	39.085	ng	99
62) 4-Nitroaniline	10.47	138	120782	33.876	ng	92
63) Azobenzene	10.62	77	601830	39.857	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	60954	44.646	ng	98
66) n-Nitrosodiphenylamine	10.57	169	471807	43.201	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	151059	42.720	ng	98
68) Hexachlorobenzene	11.02	284	157068	40.161	ng	98
69) Atrazine	11.09	200	130399	39.851	ng	99
70) Pentachlorophenol	11.20	266	184585	80.894	ng	99
71) Phenanthrene	11.42	178	766704	41.728	ng	99
72) Anthracene	11.47	178	780963	42.299	ng	100
73) Carbazole	11.62	167	646983	39.039	ng	100
74) Di-n-butylphthalate	11.96	149	800538	38.982	ng	100
75) Fluoranthene	12.61	202	717636	37.778	ng	100
77) Benzidine	12.72	184	290823	37.749	ng	97
78) Pyrene	12.83	202	709619	46.340	ng	99
80) Butylbenzylphthalate	13.46	149	288271	43.589	ng	99
81) Benzo(a)anthracene	14.02	228	510899	41.196	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	153730	34.784	ng	97
83) Chrysene	14.06	228	511983	40.730	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	380055	43.098	ng	100
85) Di-n-octyl phthalate	14.63	149	627480	41.912	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	545473	50.658	ng	99
88) Benzo(b)fluoranthene	15.07	252	464529	39.576	ng	98
89) Benzo(k)fluoranthene	15.10	252	456323	42.913	ng	99
90) Benzo(a)pyrene	15.43	252	451399	43.513	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	453173	53.162	ng	98
92) Benzo(g,h,i)perylene	17.40	276	465236	57.248	ng	97

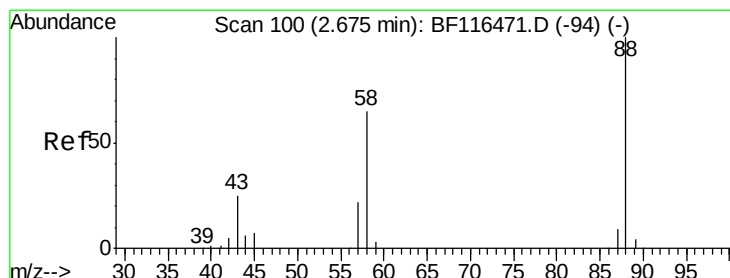
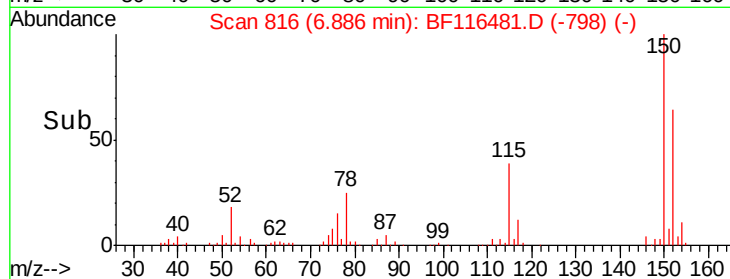
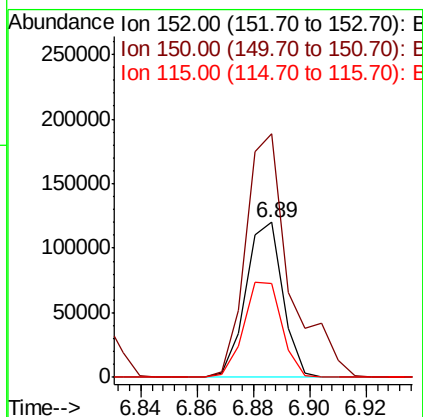
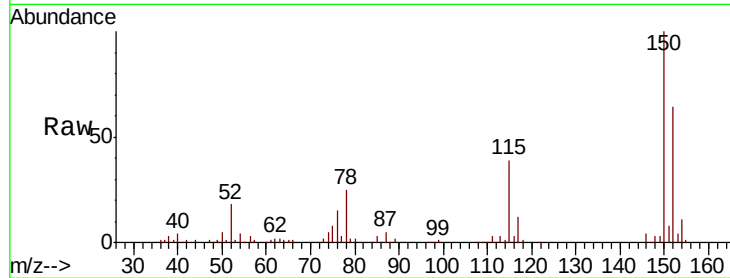
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

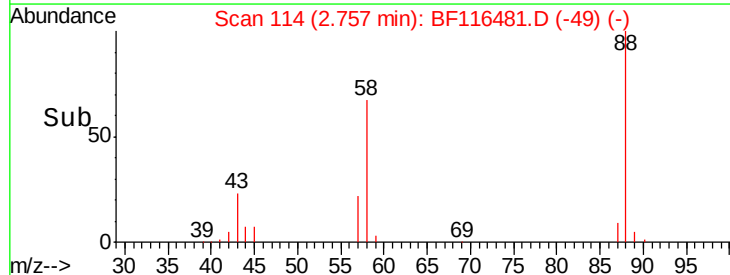
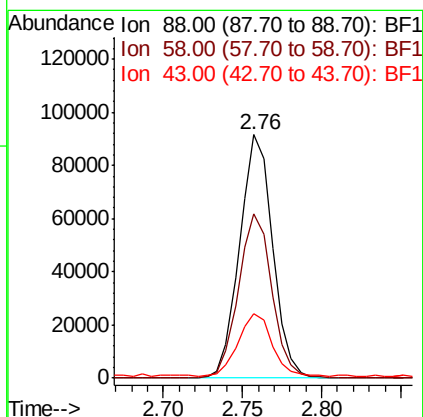
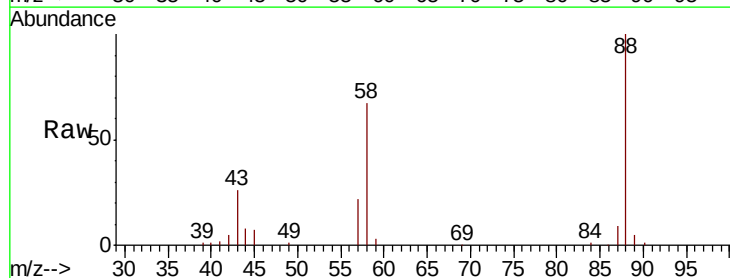
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

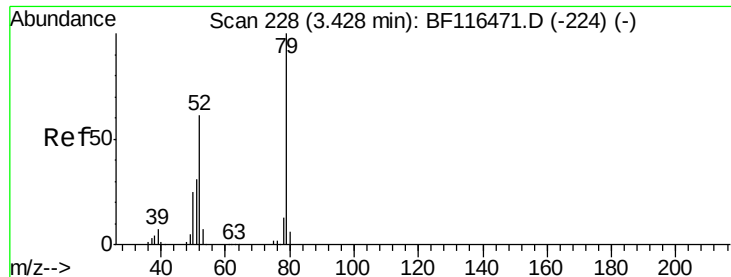
Tgt Ion:152 Resp: 109042
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.7 190.1
 115 60.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 40.927 ng
 RT: 2.76 min Scan# 114
 Delta R.T. 0.08 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion: 88 Resp: 132242
 Ion Ratio Lower Upper
 88 100
 58 68.2 53.4 80.0
 43 26.1 21.2 31.8





#3

Pyridine

Concen: 32.829 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.08 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

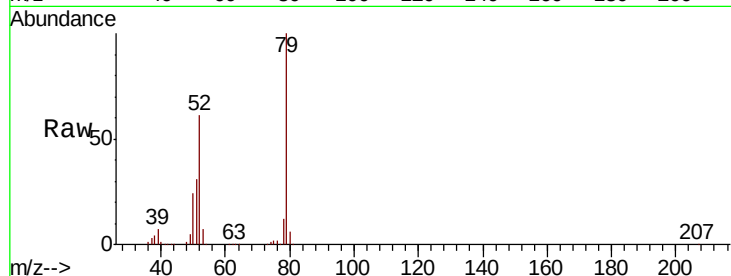
Tgt Ion: 79 Resp: 323033

Ion Ratio Lower Upper

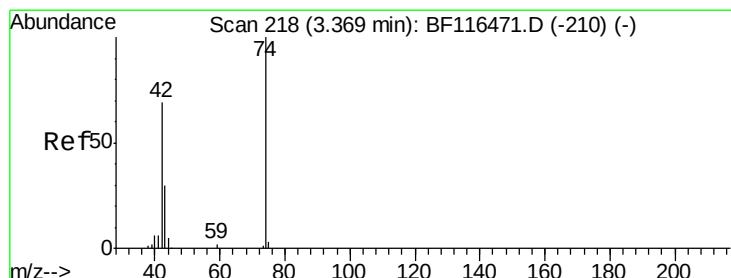
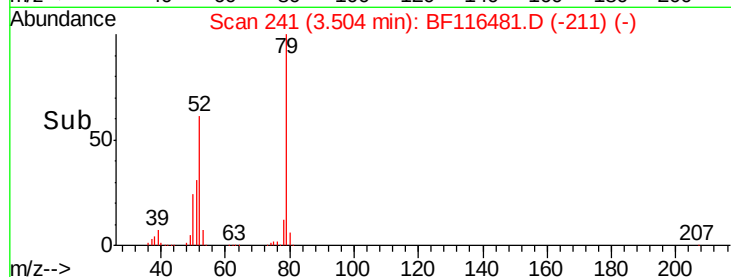
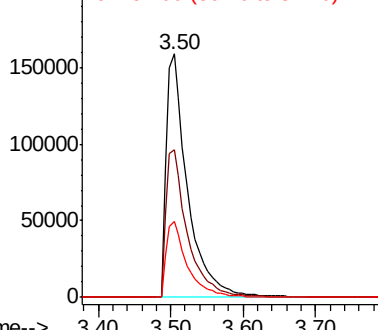
79 100

52 60.7 48.8 73.2

51 31.1 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: 39.675 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

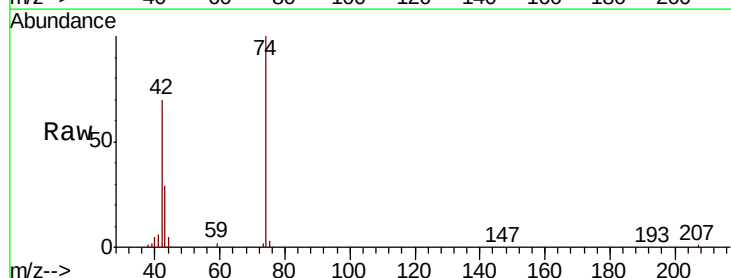
Tgt Ion: 42 Resp: 142514

Ion Ratio Lower Upper

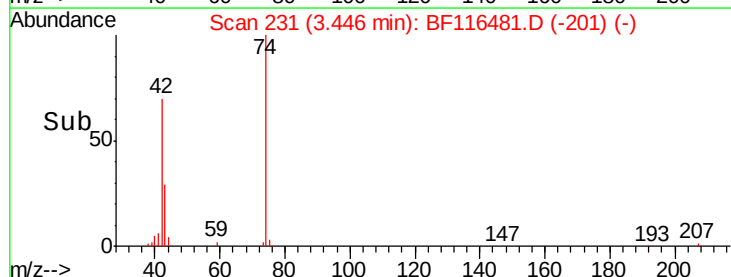
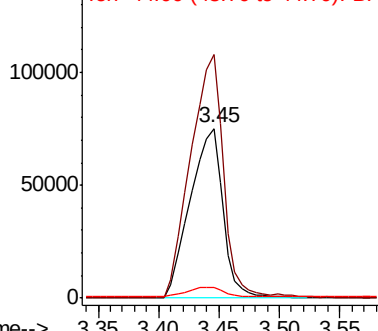
42 100

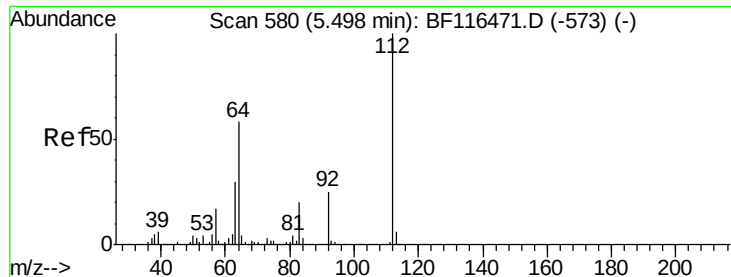
74 143.2 115.3 172.9

44 6.4 5.8 8.8



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: 95.547 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

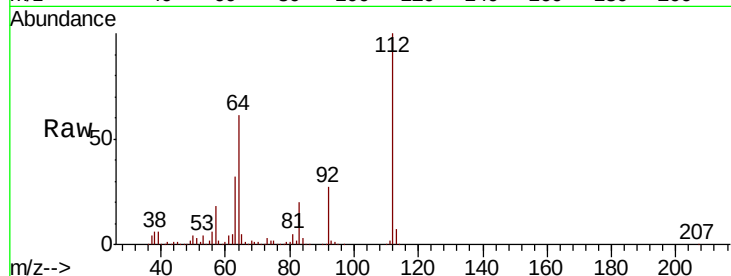
Tgt Ion: 112 Resp: 713043

Ion Ratio Lower Upper

112 100

64 60.9 46.3 69.5

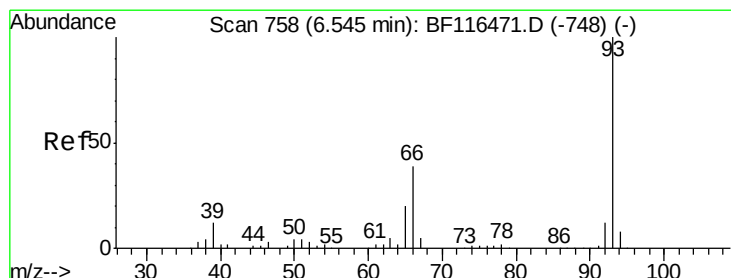
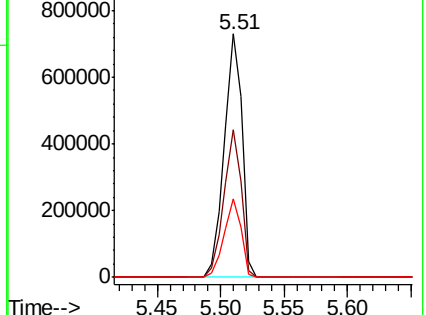
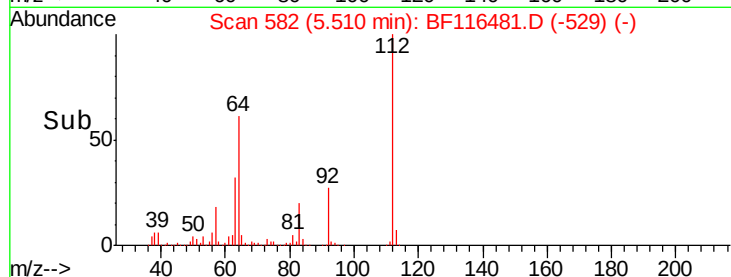
63 32.1 24.2 36.4



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: 32.021 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

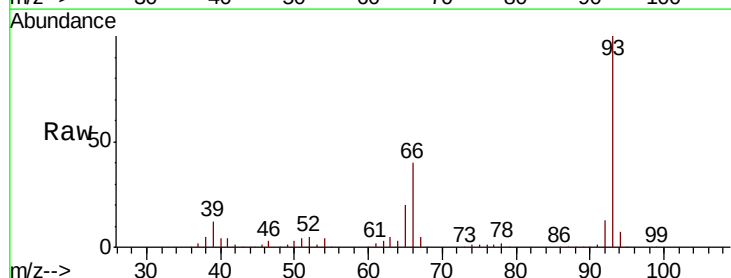
Tgt Ion: 93 Resp: 396685

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

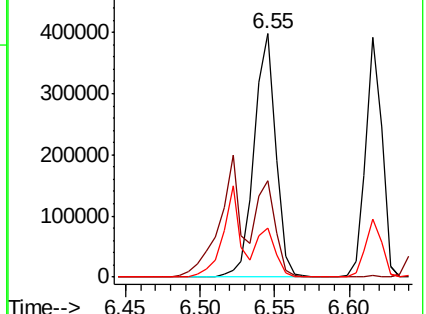
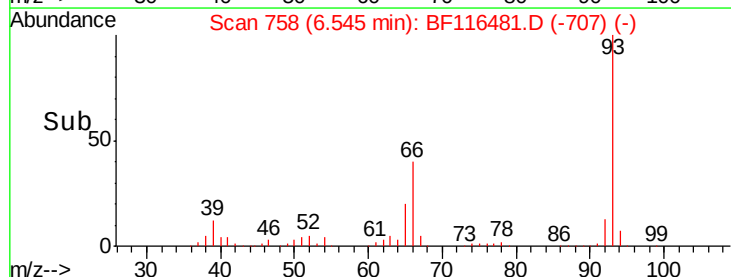
65 20.0 16.3 24.5

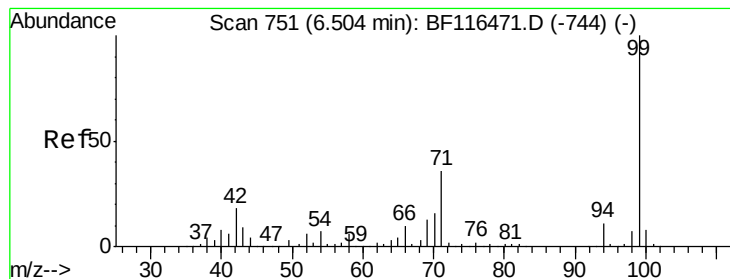


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.029 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

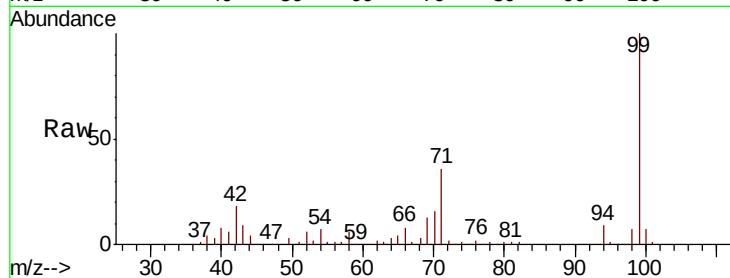
Tgt Ion: 99 Resp: 887857

Ion Ratio Lower Upper

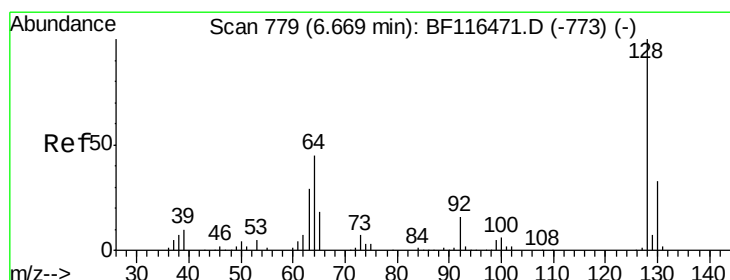
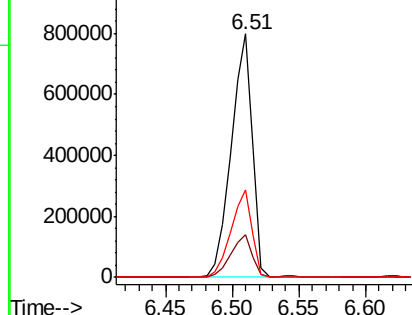
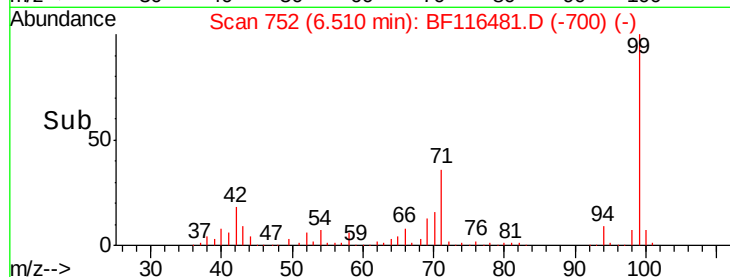
99 100

42 17.7 14.6 21.8

71 35.8 28.5 42.7



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: 39.231 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

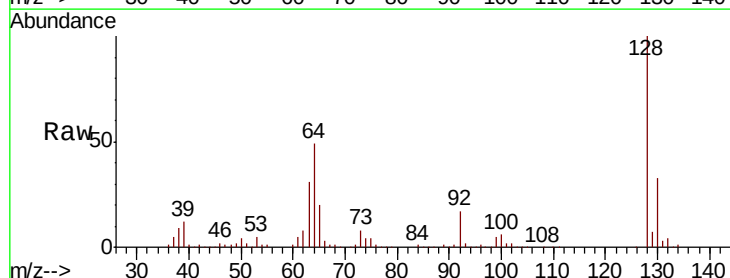
Tgt Ion: 128 Resp: 307232

Ion Ratio Lower Upper

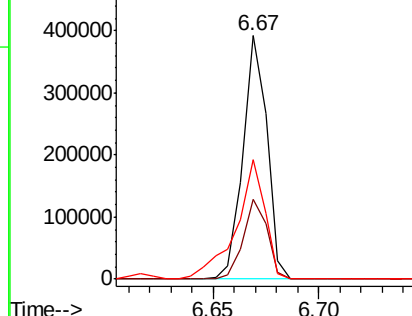
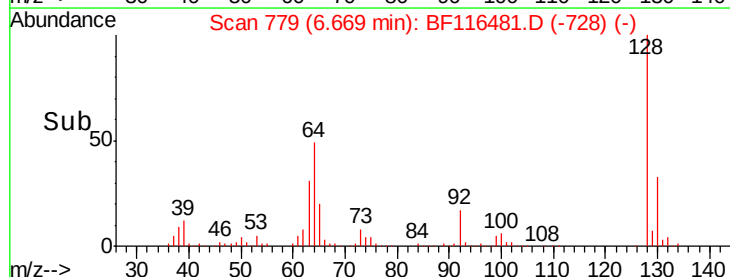
128 100

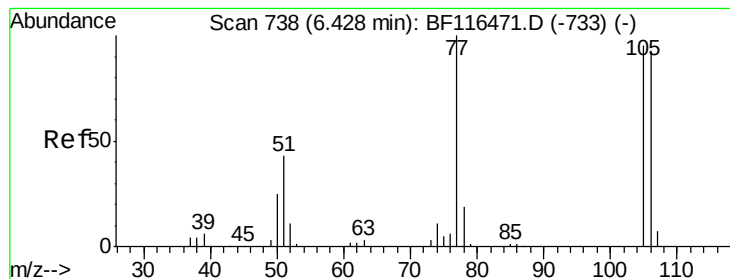
130 32.9 13.4 53.4

64 49.1 26.3 66.3



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: 40.601 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

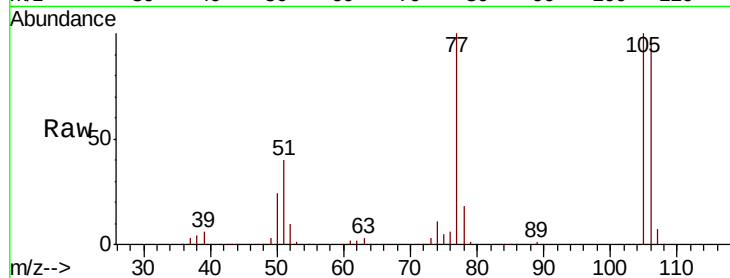
Tgt Ion: 77 Resp: 248232

Ion Ratio Lower Upper

77 100

105 99.9 75.5 115.5

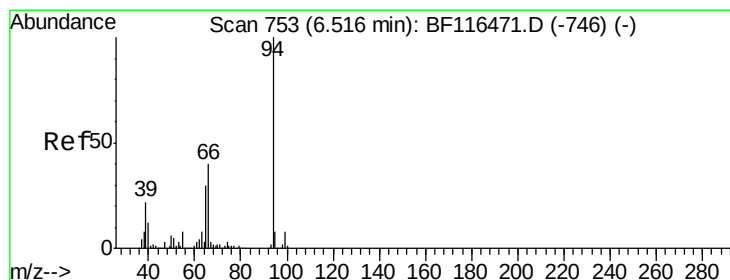
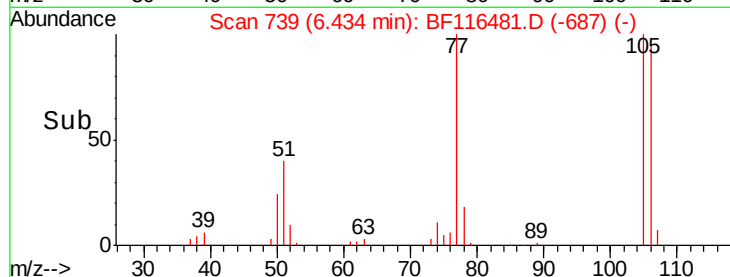
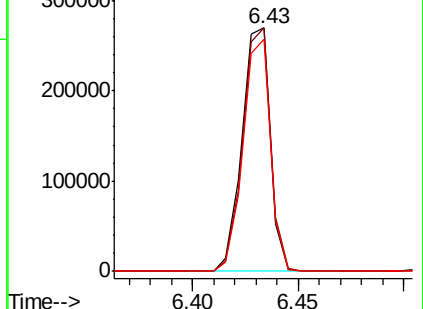
106 95.3 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.658 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

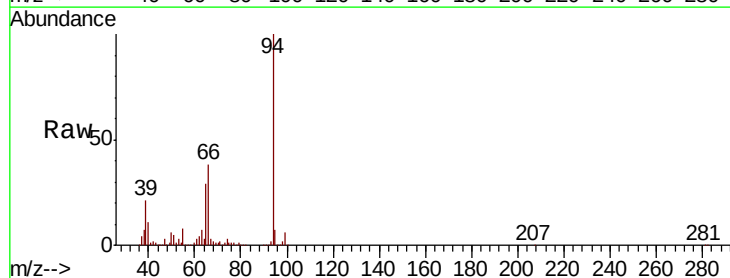
Tgt Ion: 94 Resp: 394067

Ion Ratio Lower Upper

94 100

65 29.0 10.0 50.0

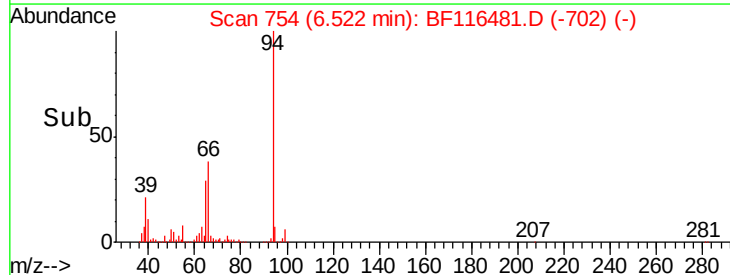
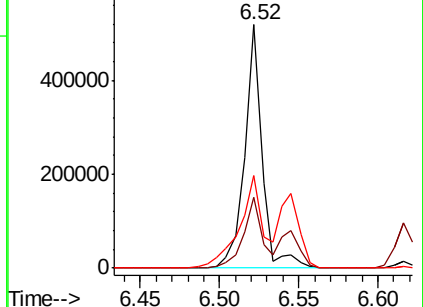
66 38.2 19.8 59.8

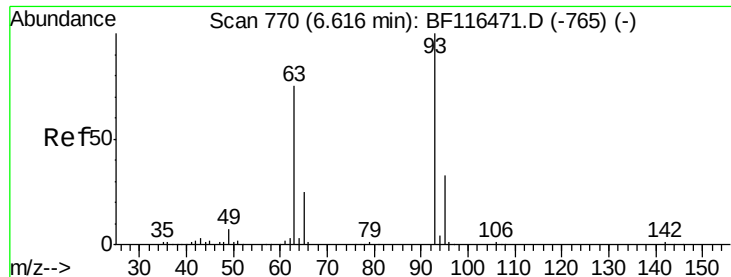


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

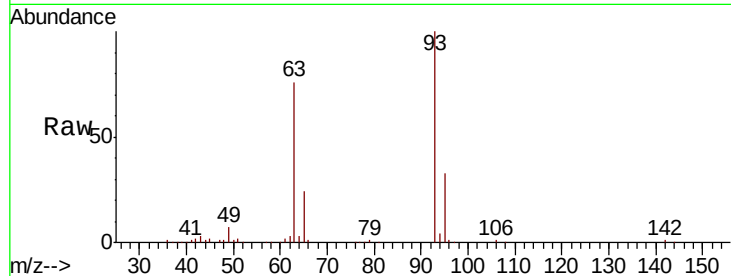




#11
bis(2-Chloroethyl)ether
Concen: 39.508 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.3	94.3
95	33.2	13.3	53.3

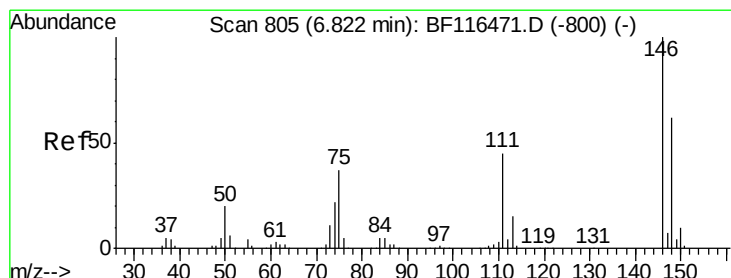
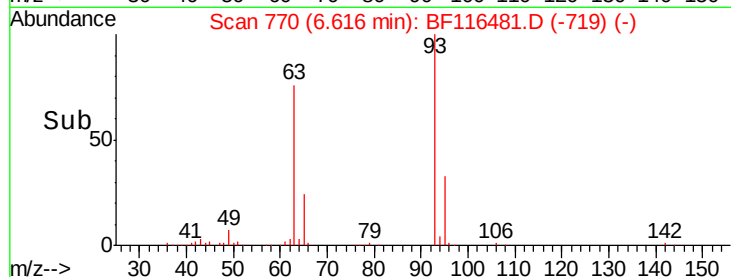
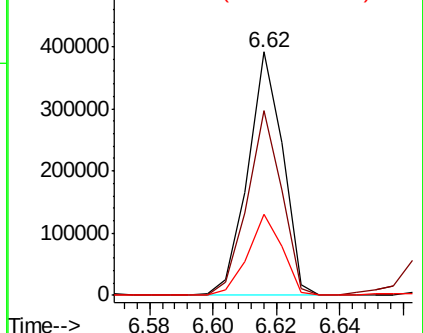


Abundance

Ion 93.00 (92.70 to 93.70): BF1

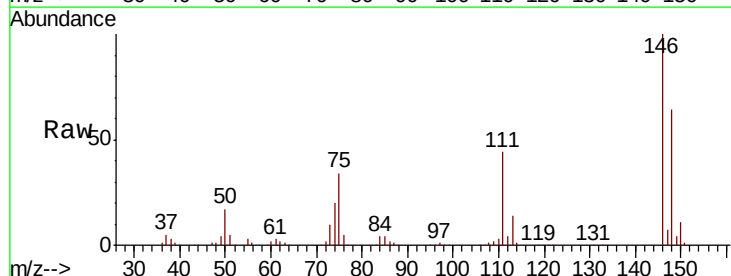
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 39.202 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.8	74.8
75	34.1	29.3	43.9

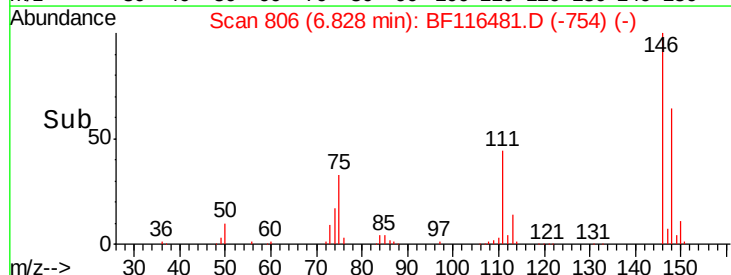
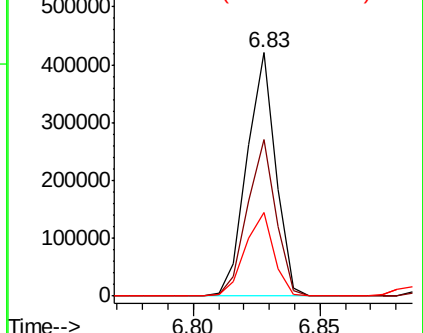


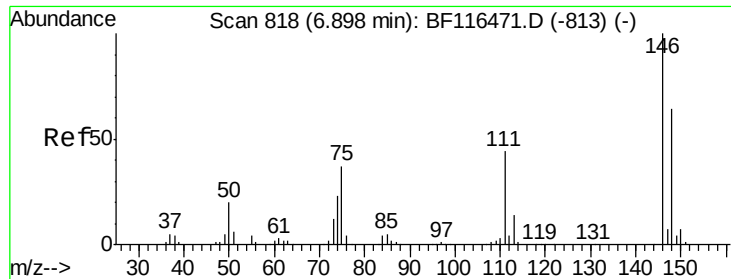
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

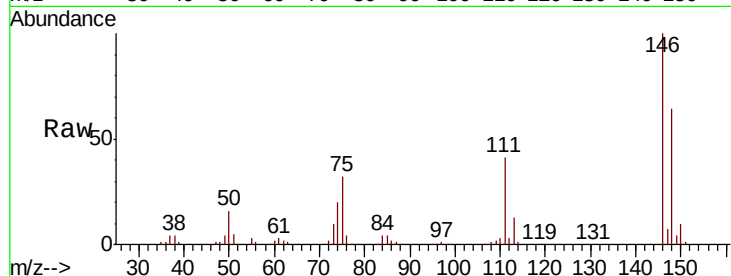




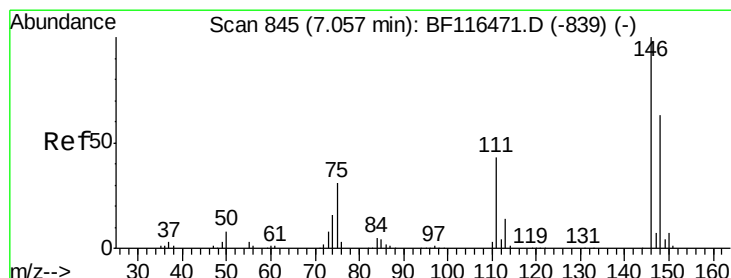
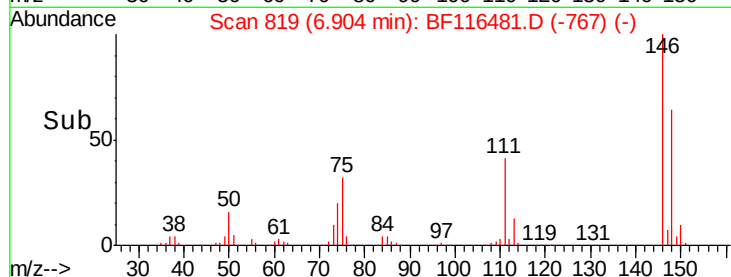
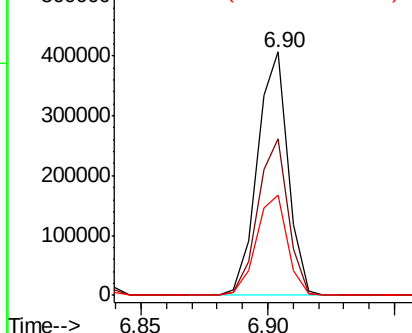
#13
 1,4-Dichlorobenzene
 Concen: 41.650 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:146 Resp: 339787
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.4
 111 41.3 35.4 53.2

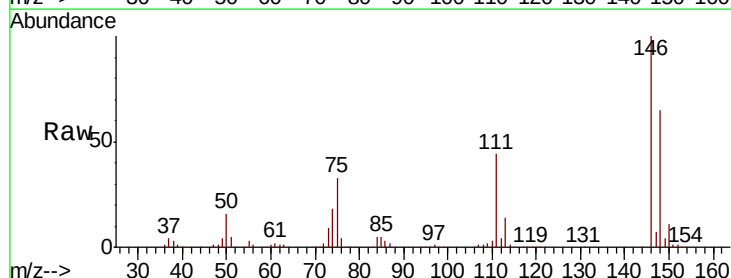


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

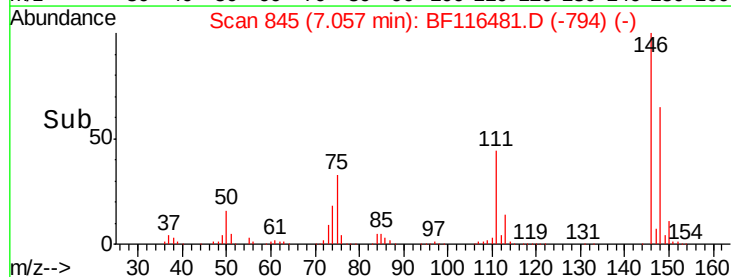
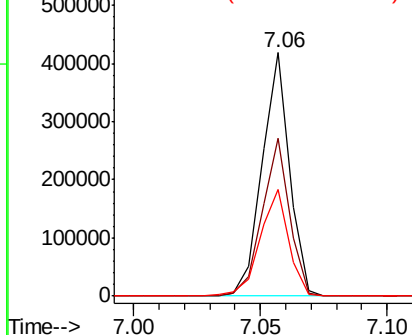


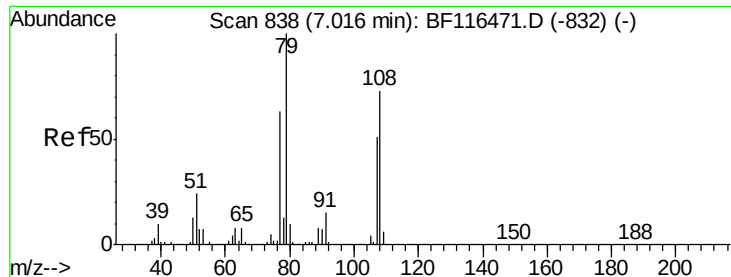
#14
 1,2-Dichlorobenzene
 Concen: 40.821 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:146 Resp: 314164
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 43.6 34.5 51.7



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

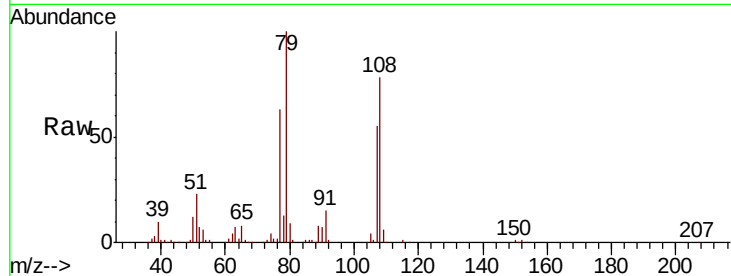




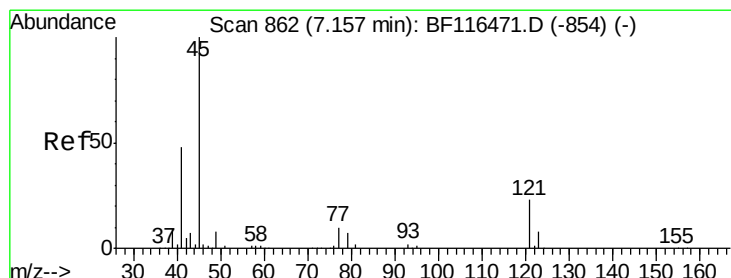
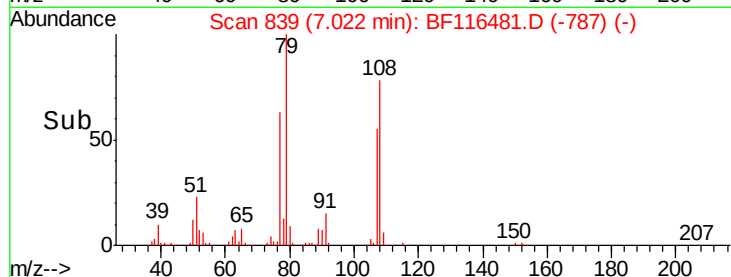
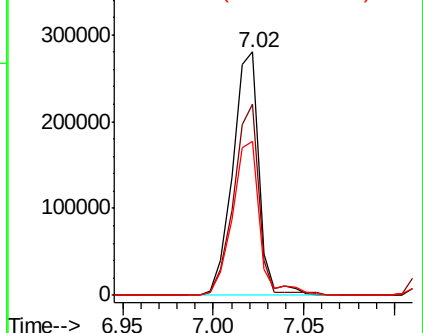
#15
Benzyl Alcohol
Concen: 38.282 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion: 79 Resp: 283484
Ion Ratio Lower Upper
79 100
108 78.4 58.1 87.1
77 63.4 50.6 76.0

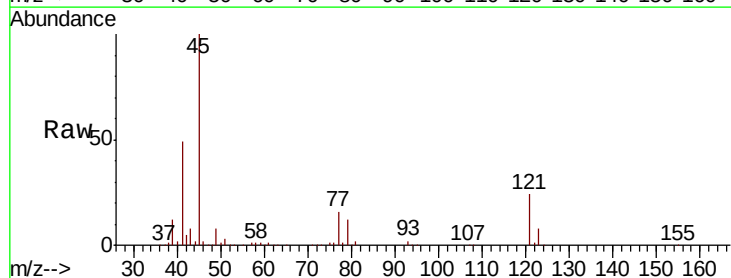


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

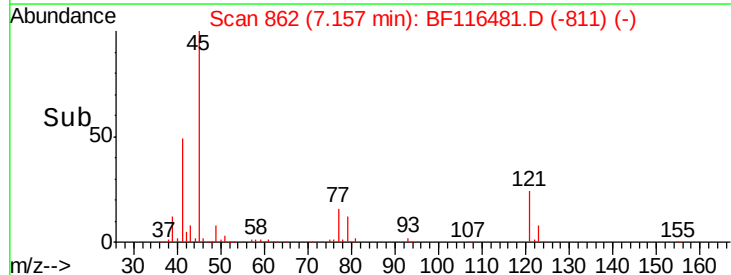
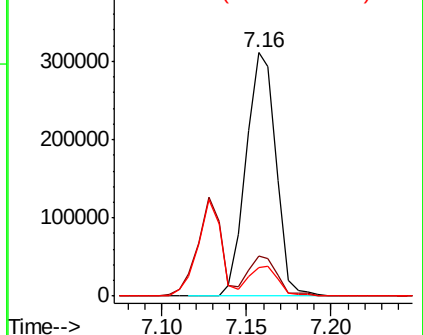


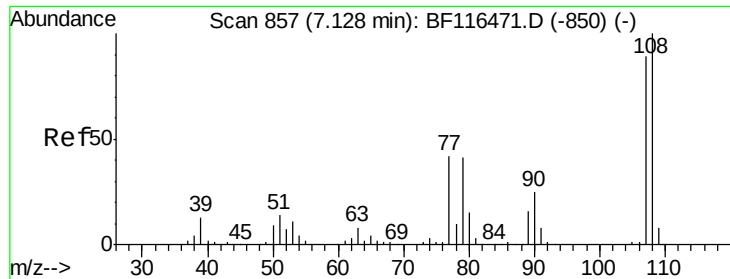
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.907 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion: 45 Resp: 386074
Ion Ratio Lower Upper
45 100
77 16.3 0.0 36.1
79 12.0 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

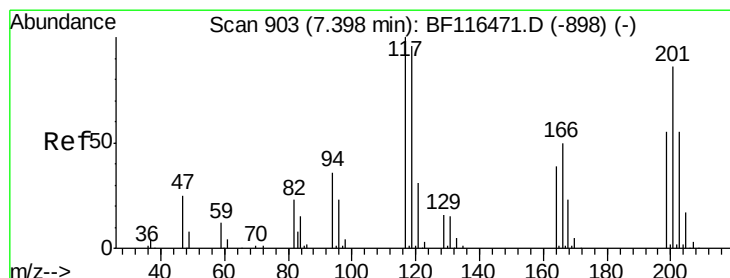
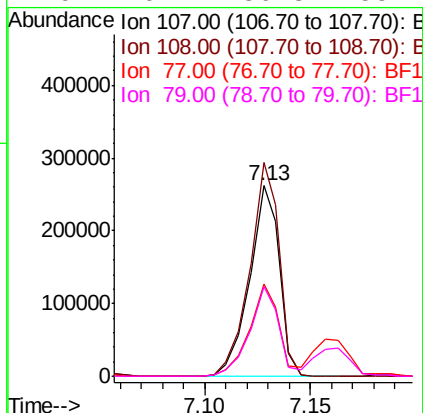
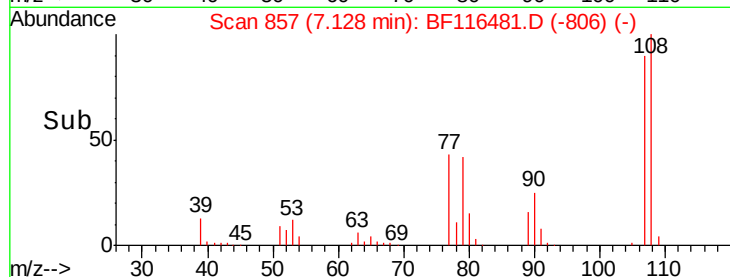
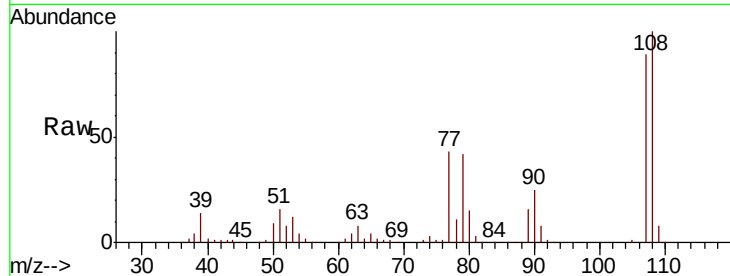




#17
2-Methylphenol
Concen: 39.435 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

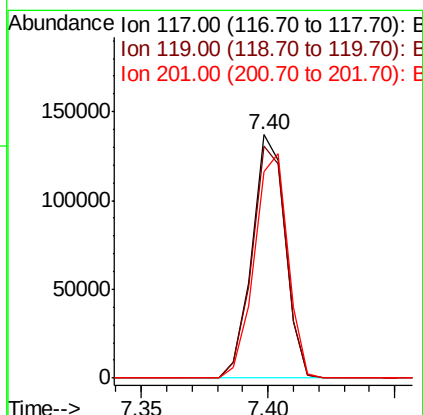
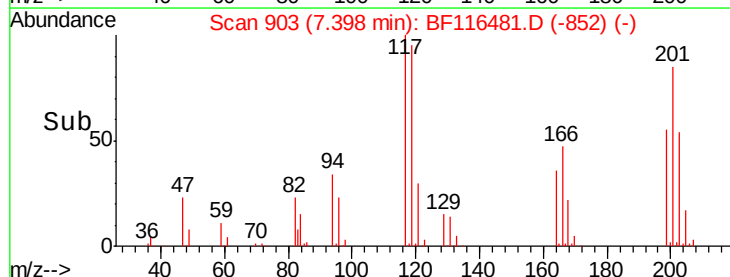
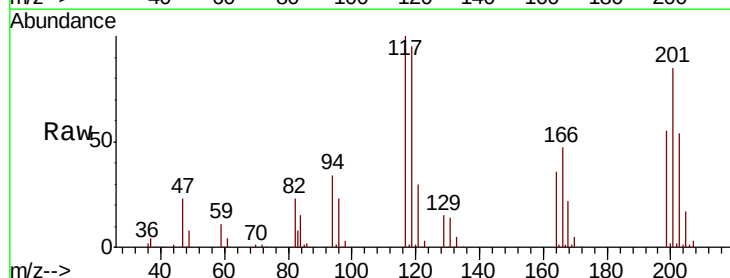
Instrument :
BNA_F
ClientSampleId :
PB122393BS

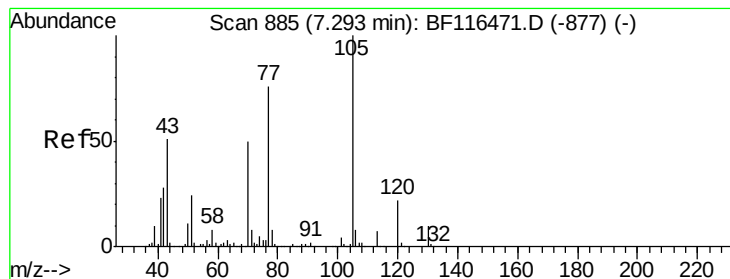
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.0	135.0
77	48.0	37.6	56.4
79	46.7	36.8	55.2



#18
Hexachloroethane
Concen: 39.599 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.6
201	84.8	69.1	103.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.325 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

Tgt Ion: 70 Resp: 226808

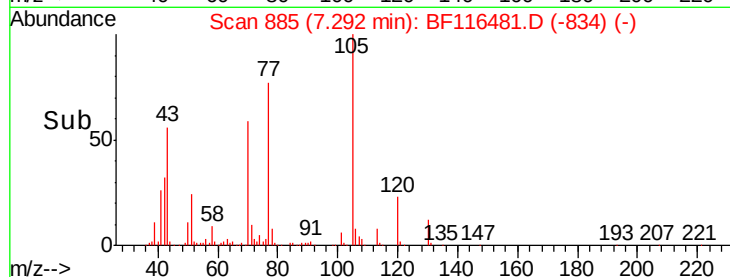
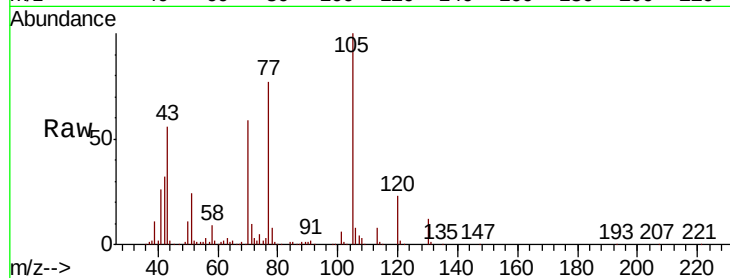
Ion Ratio Lower Upper

70 100

42 54.2 44.4 66.6

101 9.4 7.1 10.7

130 20.5 15.8 23.8



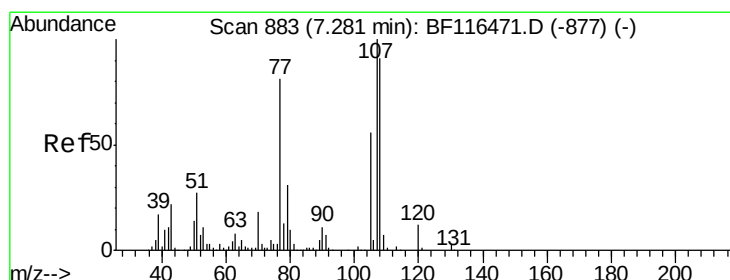
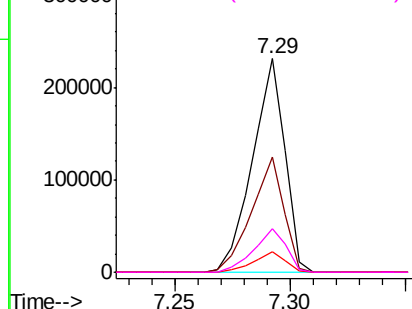
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.886 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion: 107 Resp: 317043

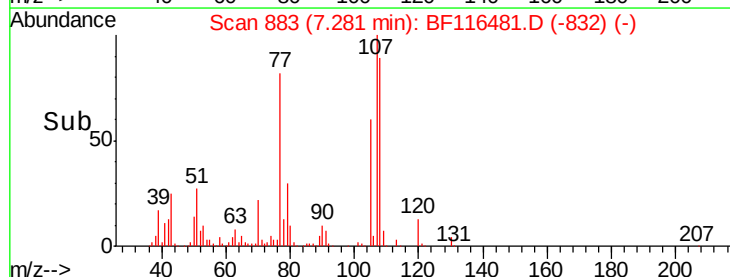
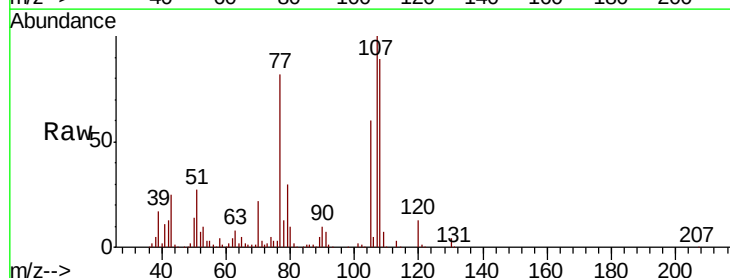
Ion Ratio Lower Upper

107 100

108 89.2 70.7 110.7

77 82.3 60.6 100.6

79 29.5 11.1 51.1



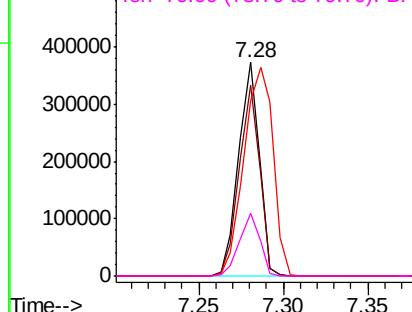
Abundance

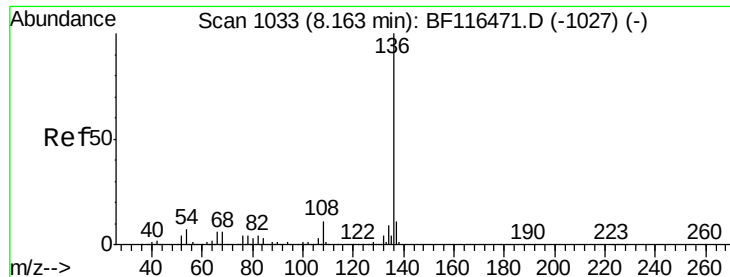
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

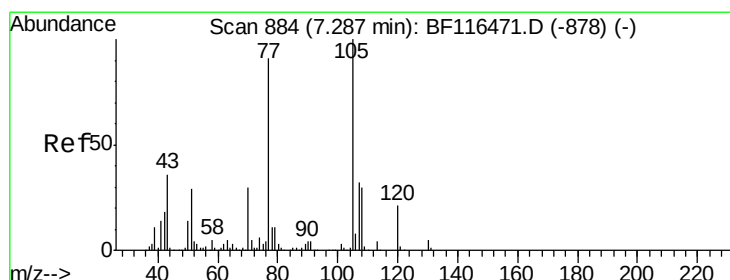
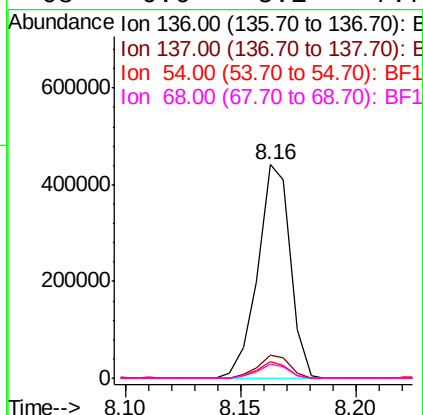
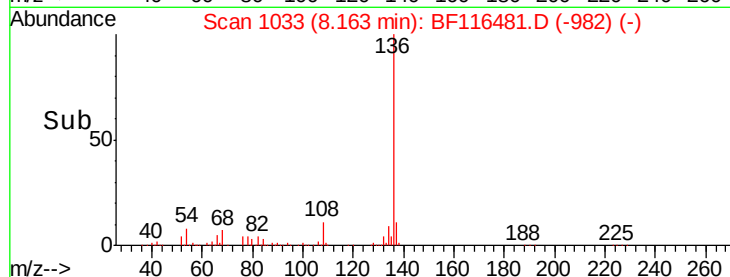
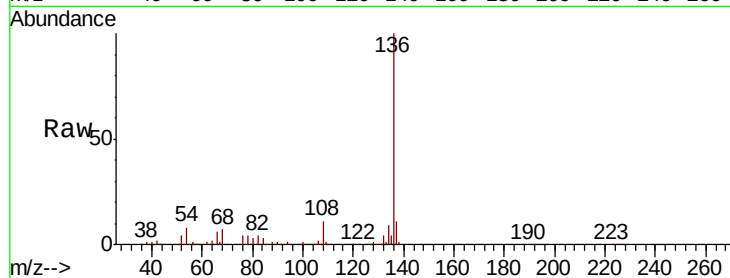




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

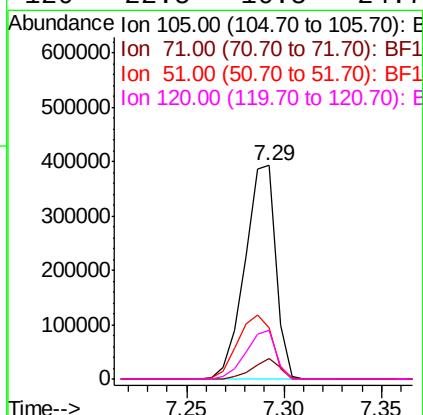
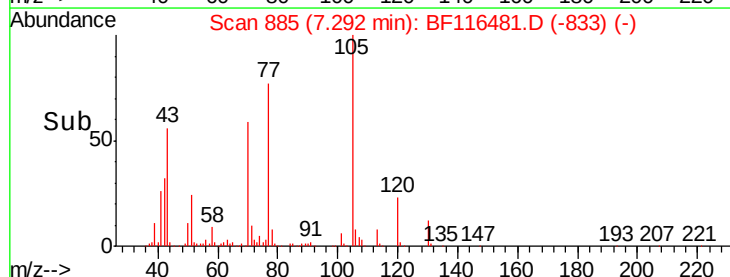
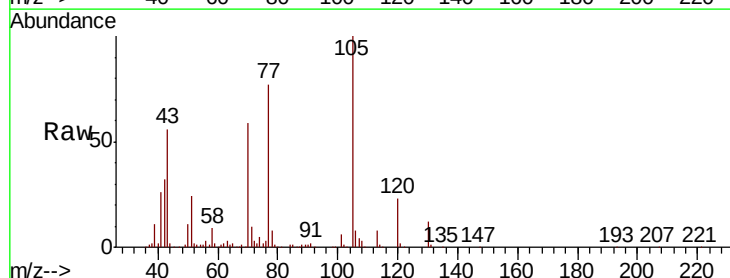
Instrument :
BNA_F
ClientSampleId :
PB122393BS

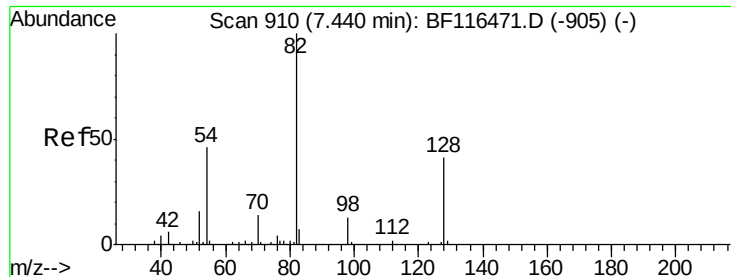
Tgt Ion:	136	Resp:	435264
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.6	5.8	8.6
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 39.601 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion:	105	Resp:	431014
Ion	Ratio	Lower	Upper
105	100		
71	9.8	4.2	6.2#
51	23.7	23.0	34.4
120	22.5	16.5	24.7

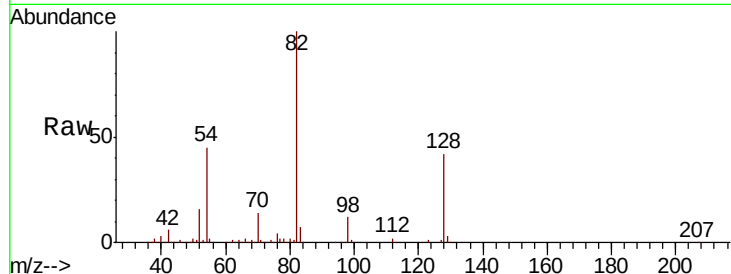




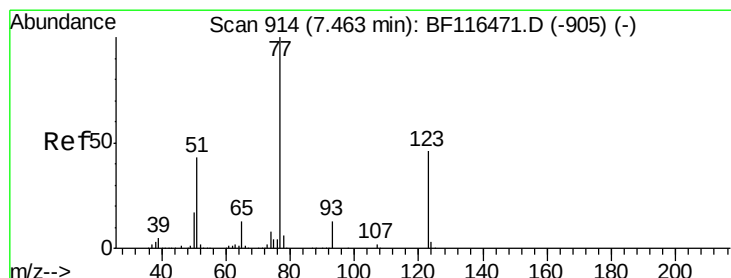
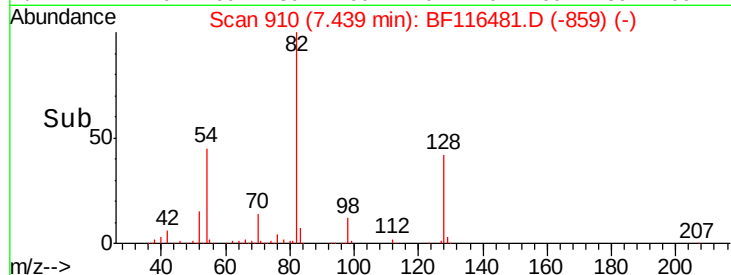
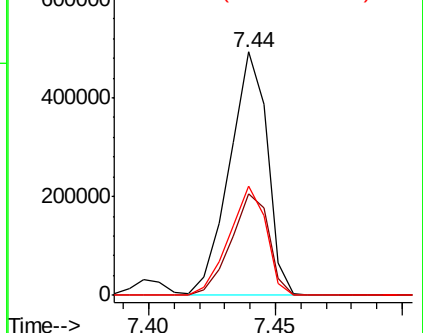
#23
 Nitrobenzene-d5
 Concen: 64.018 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.2	48.4
54	44.8	36.5	54.7

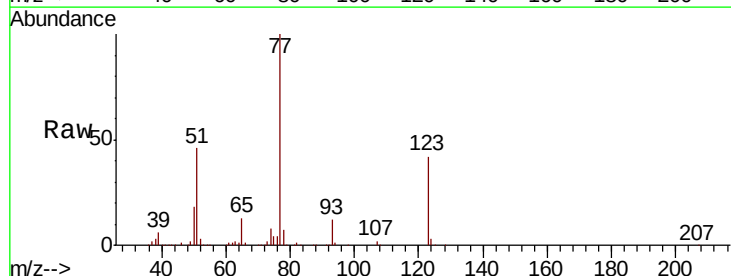


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

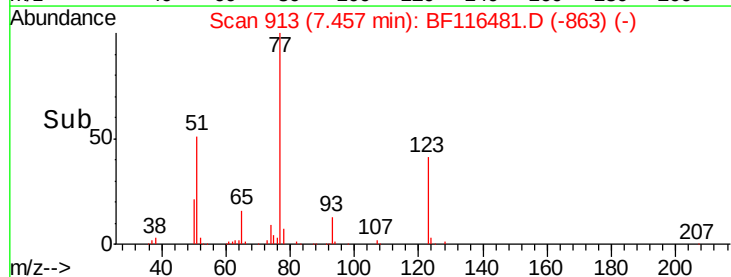
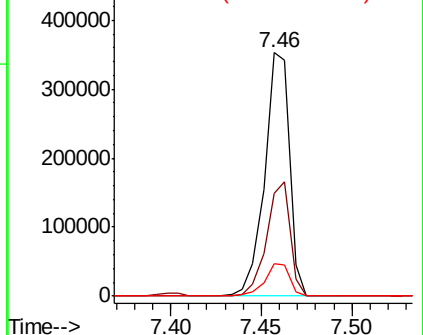


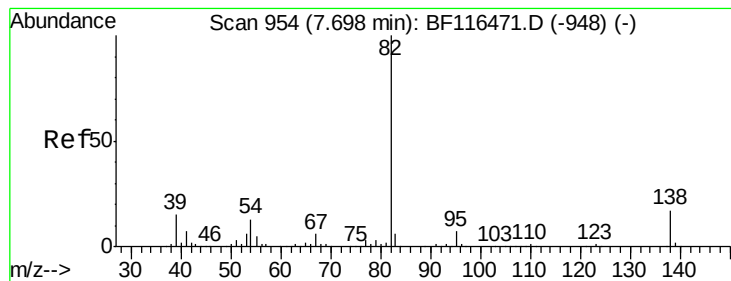
#24
 Nitrobenzene
 Concen: 40.880 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	37.0	55.4
65	13.4	10.5	15.7



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





#25

Isophorone

Concen: 38.319 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

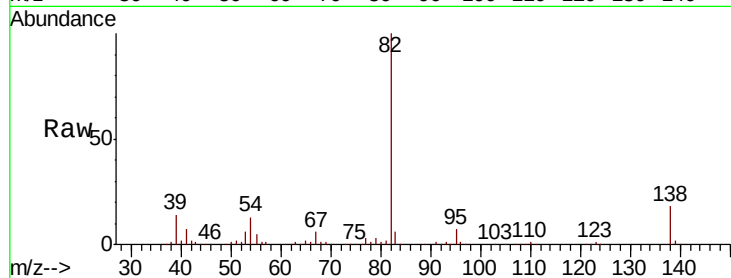
Tgt Ion: 82 Resp: 600771

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

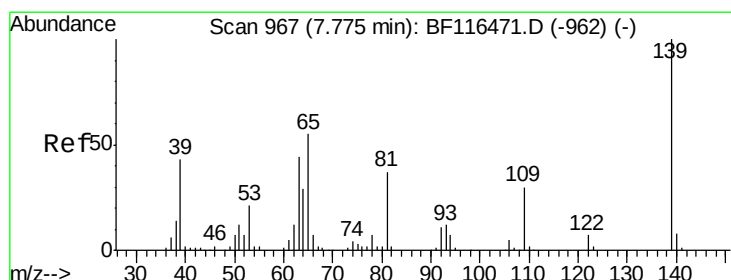
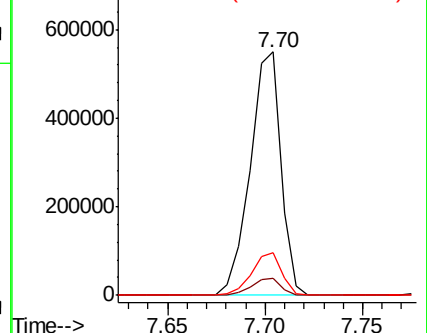
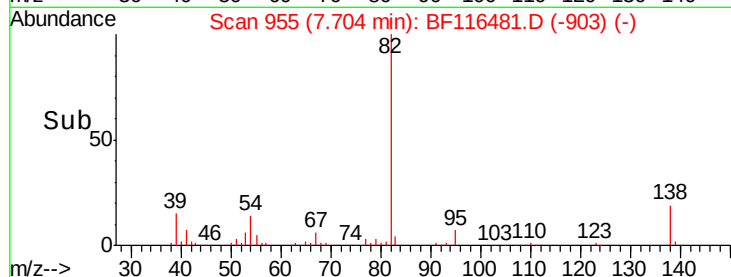
138 17.7 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.874 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

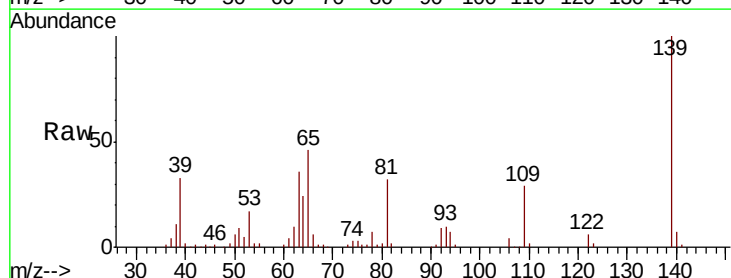
Tgt Ion: 139 Resp: 147087

Ion Ratio Lower Upper

139 100

109 28.8 24.3 36.5

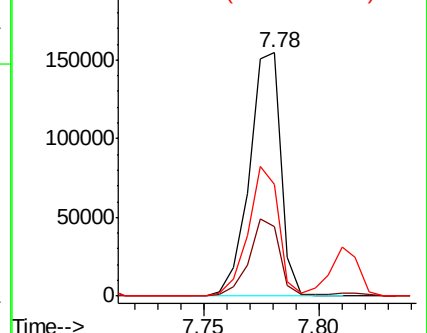
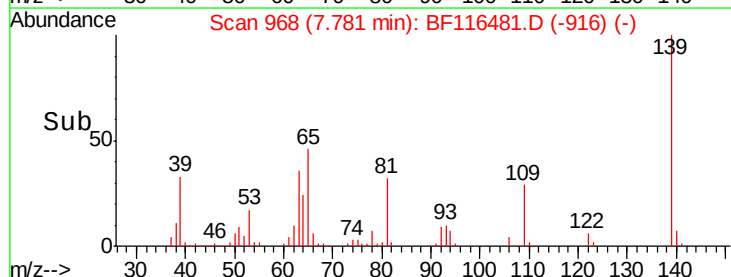
65 45.7 44.0 66.0

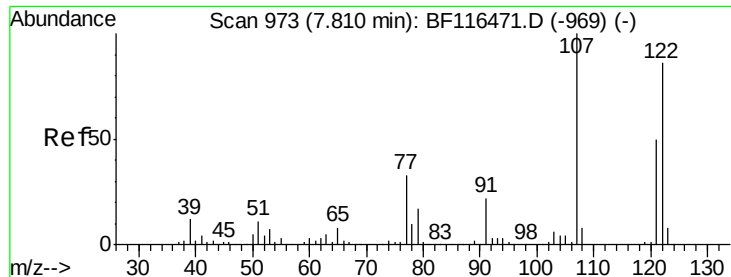


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

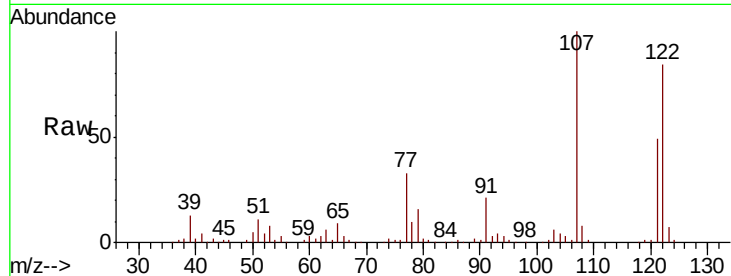




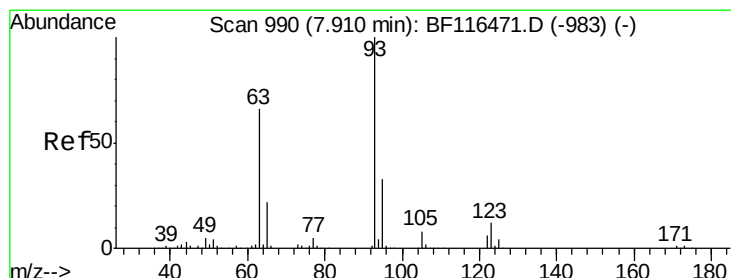
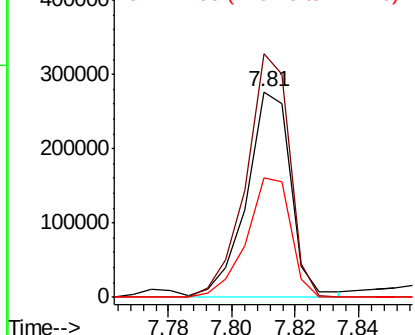
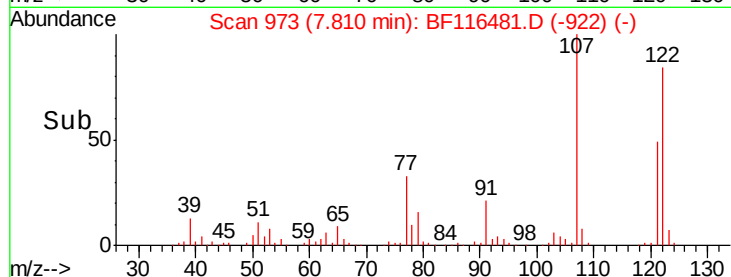
#27
 2,4-Dimethylphenol
 Concen: 42.747 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion: 122 Resp: 268426
 Ion Ratio Lower Upper
 122 100
 107 118.6 92.4 138.6
 121 57.9 46.2 69.4

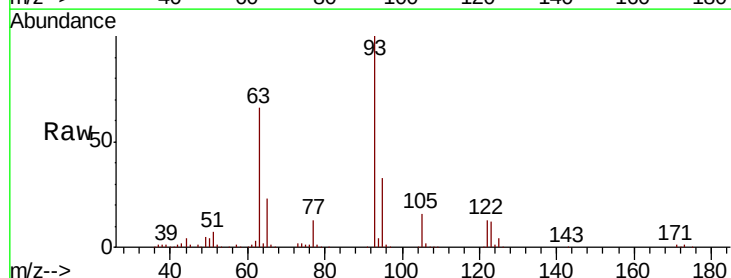


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

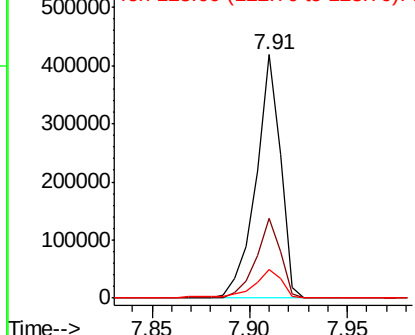
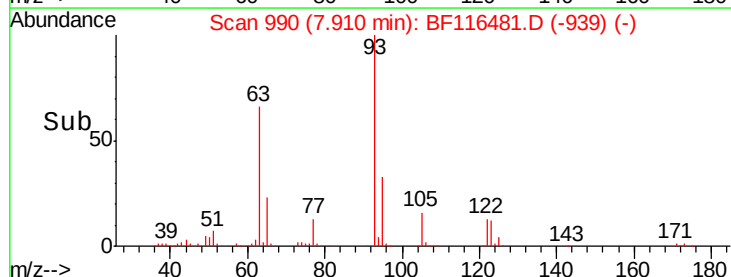


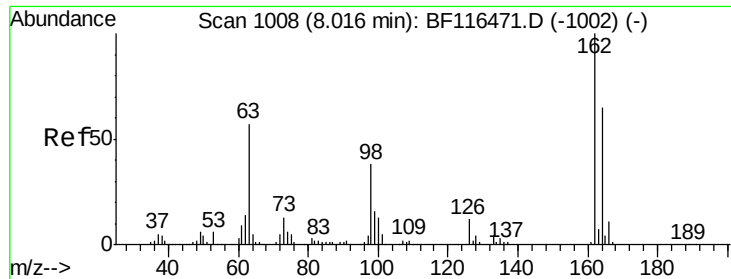
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.507 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion: 93 Resp: 363150
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.9 9.8 14.6



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

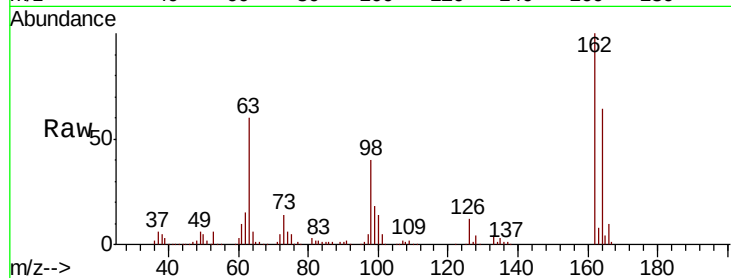




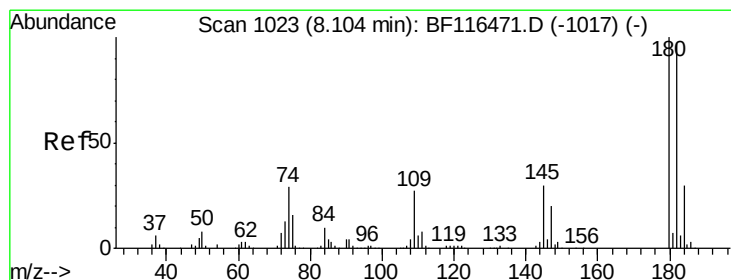
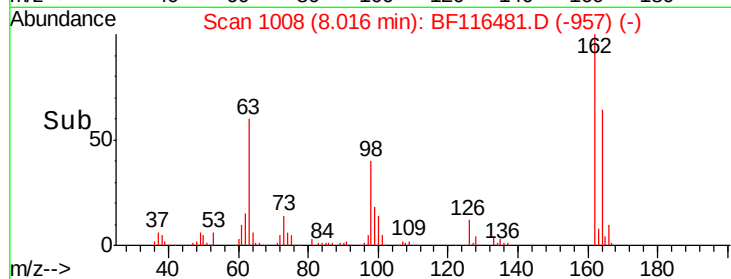
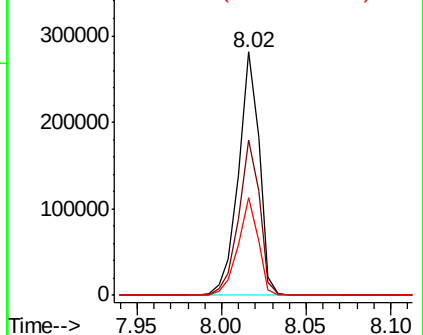
#29
 2,4-Dichlorophenol
 Concen: 40.479 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	40.0	17.9	57.9

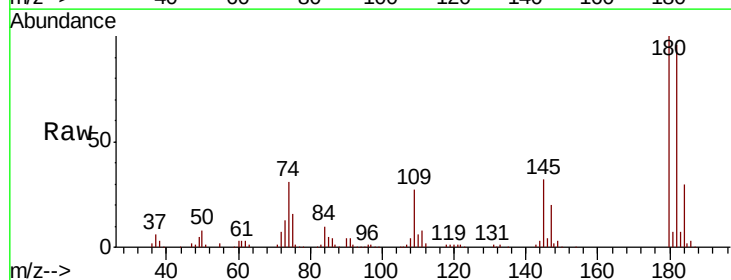


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

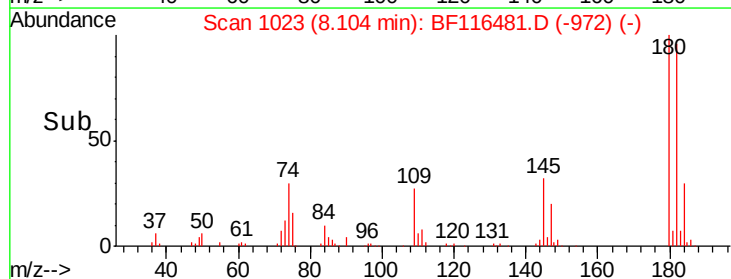
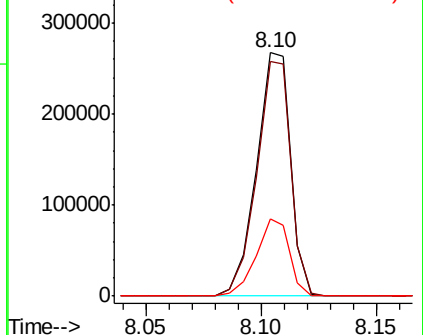


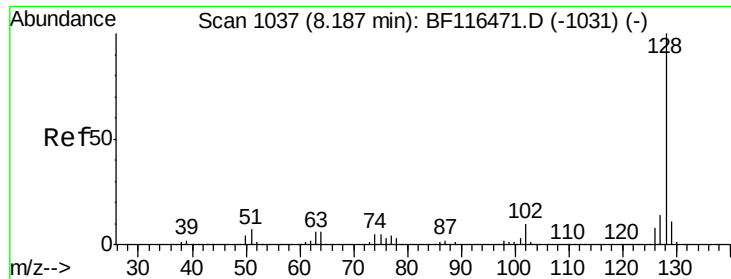
#30
 1,2,4-Trichlorobenzene
 Concen: 40.958 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.0
145	31.9	24.3	36.5



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

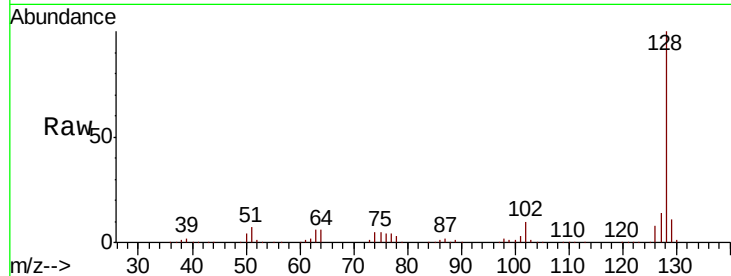




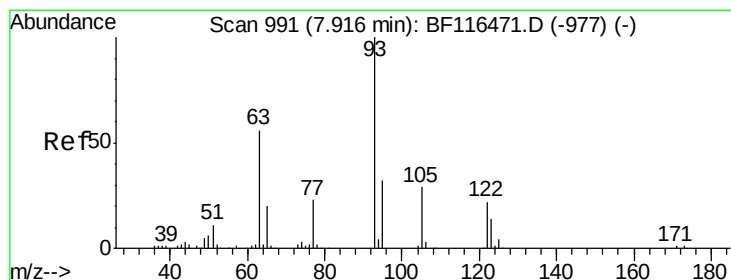
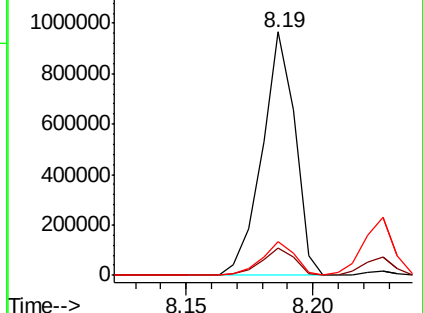
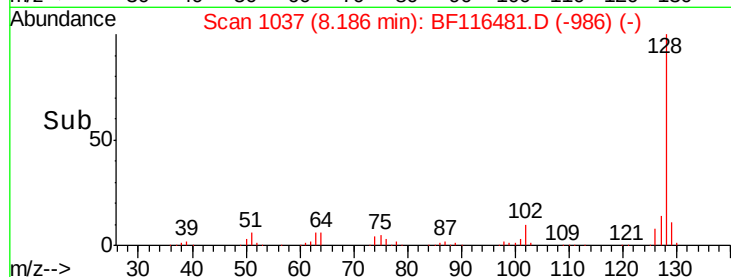
#31
Naphthalene
Concen: 41.391 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion:128 Resp: 871535
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.9 16.3

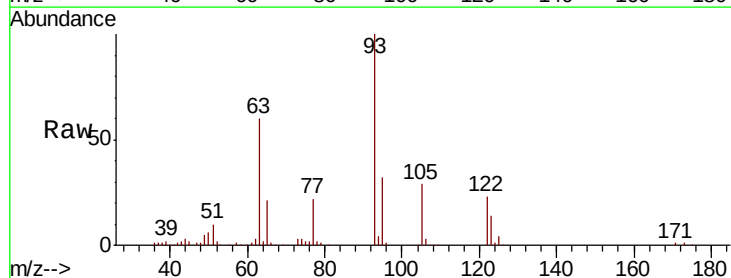


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

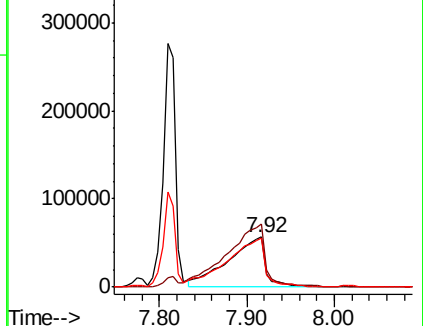
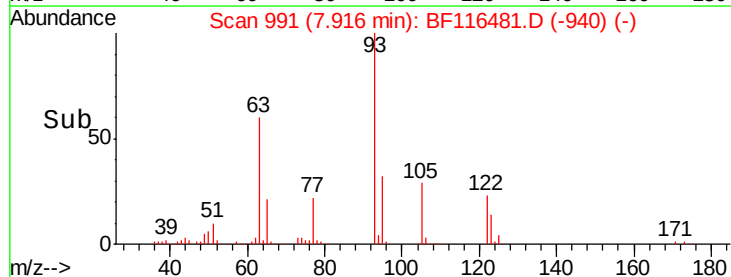


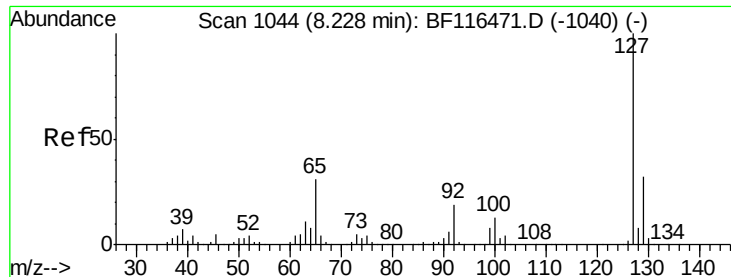
#32
Benzoic acid
Concen: 40.993 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion:122 Resp: 164563
Ion Ratio Lower Upper
122 100
105 126.9 109.9 149.9
77 96.7 84.9 124.9



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

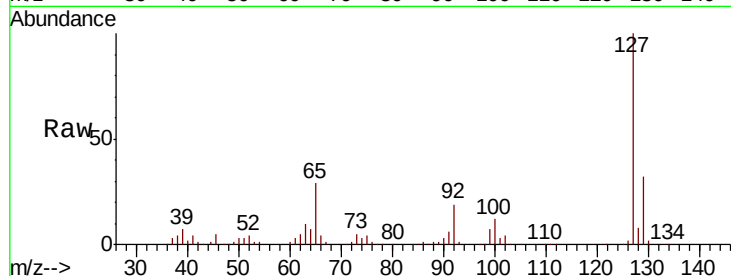




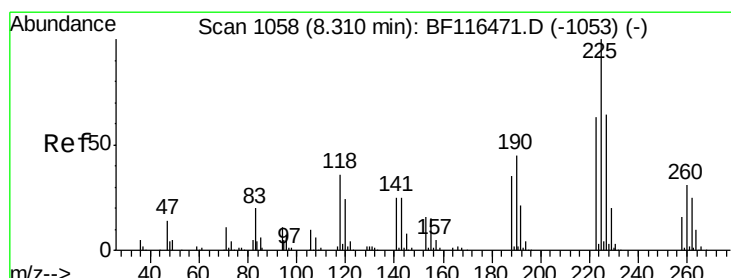
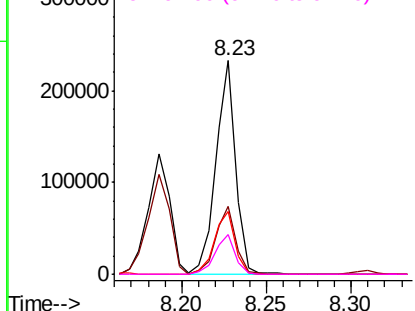
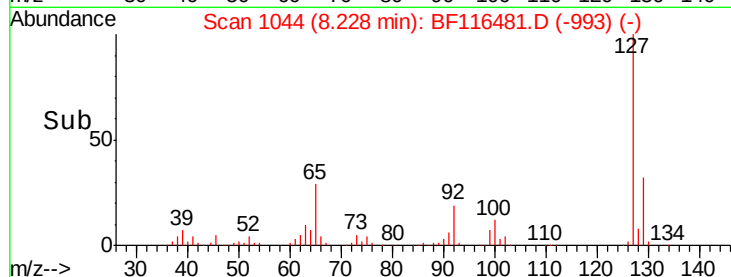
#33
4-Chloroaniline
Concen: 20.644 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion:	127	Resp:	190828
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	29.5	25.0	37.6
92	18.5	15.0	22.6

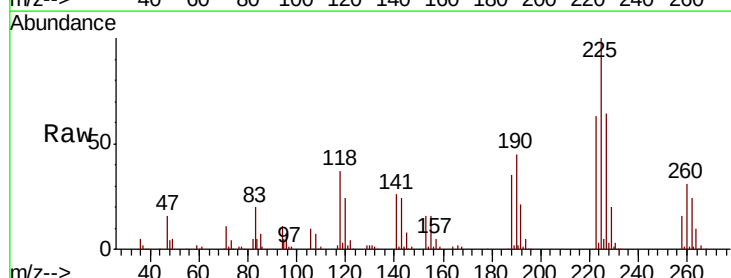


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

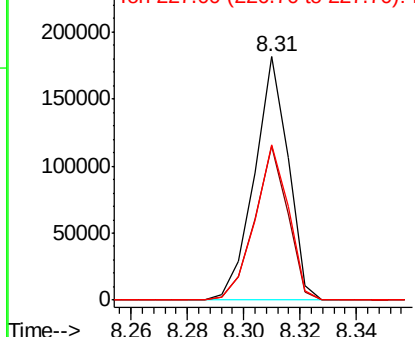
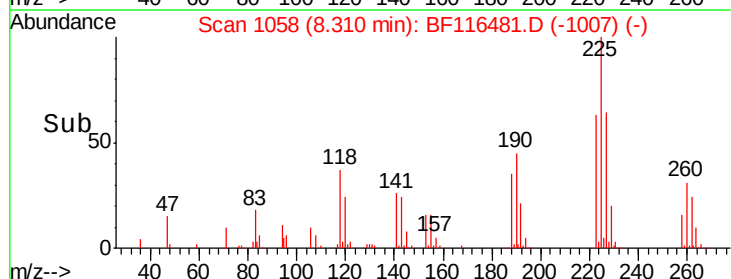


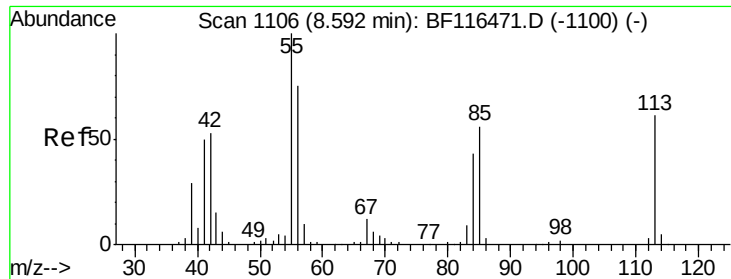
#34
Hexachlorobutadiene
Concen: 41.010 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion:	225	Resp:	150360
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	63.5	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

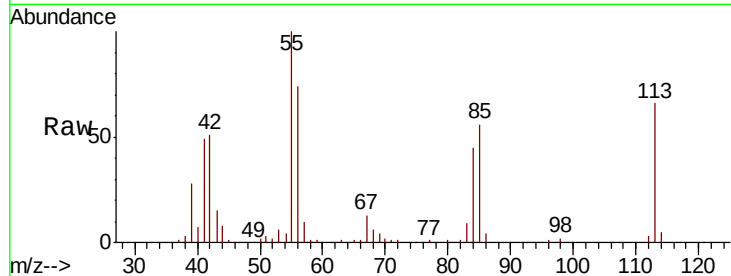




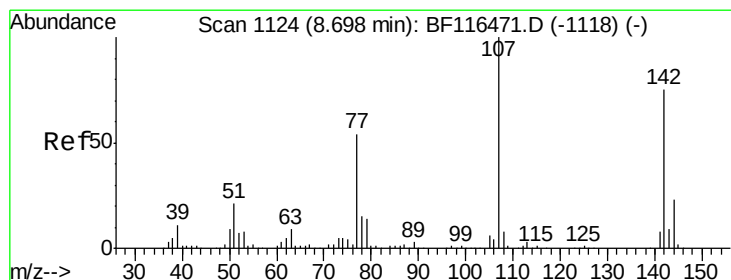
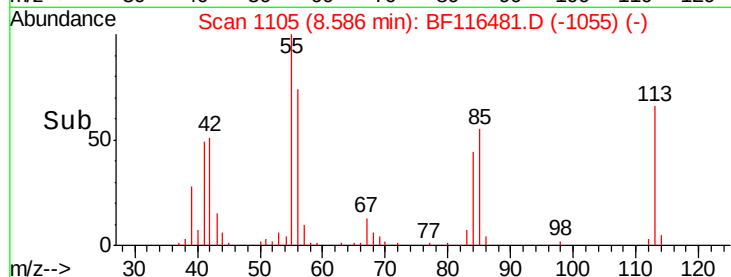
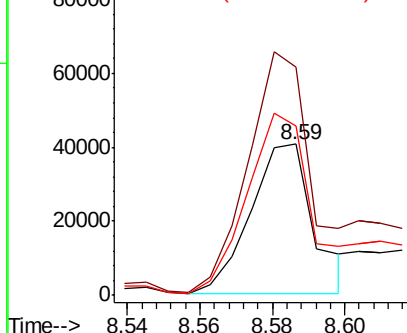
#35
 Caprolactam
 Concen: 23.407 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:113 Resp: 48690
 Ion Ratio Lower Upper
 113 100
 55 151.2 143.6 183.6
 56 112.3 102.3 142.3

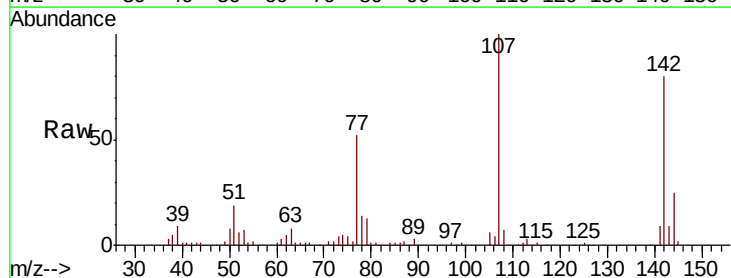


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

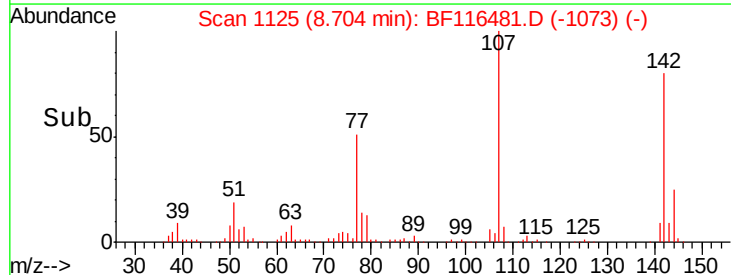
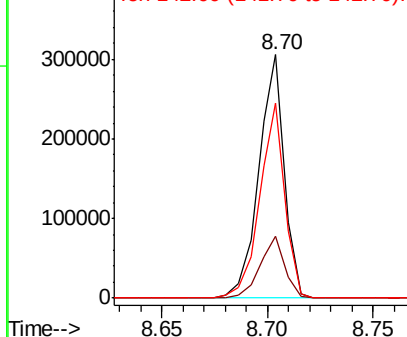


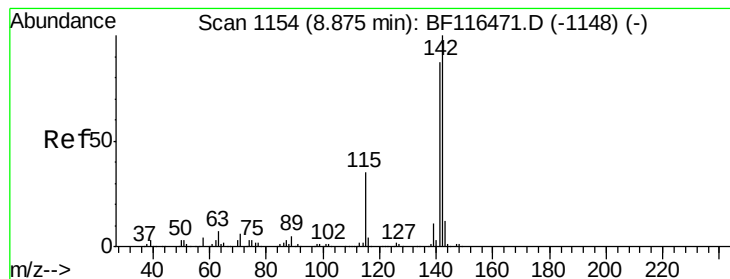
#36
 4-Chloro-3-methylphenol
 Concen: 38.090 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:107 Resp: 256651
 Ion Ratio Lower Upper
 107 100
 144 25.4 18.8 28.2
 142 80.1 59.8 89.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.844 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

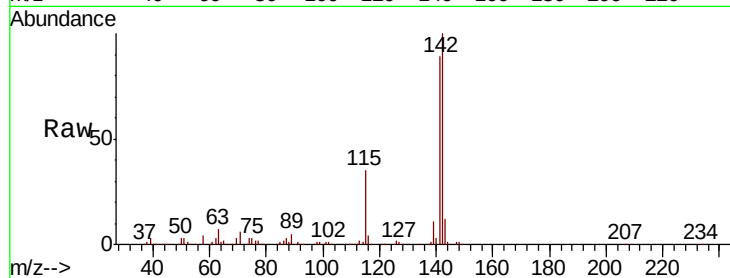
Tgt Ion:142 Resp: 576044

Ion Ratio Lower Upper

142 100

141 89.4 69.8 104.6

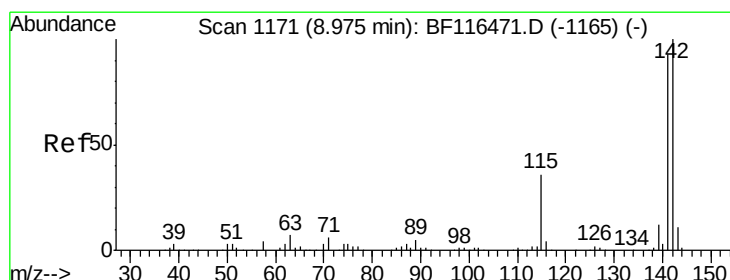
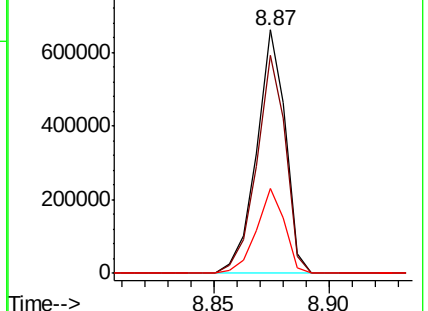
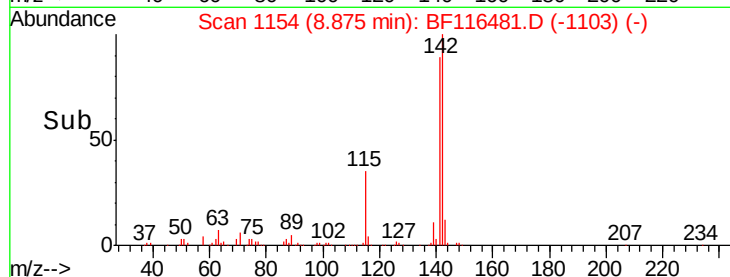
115 35.0 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.555 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

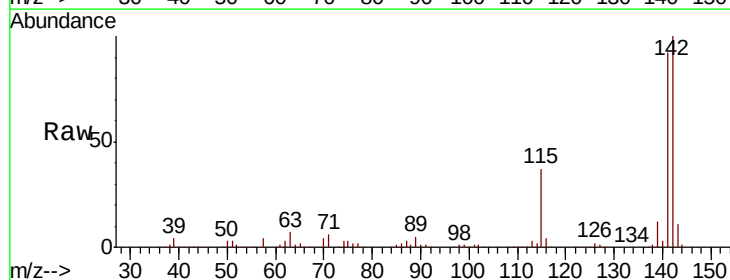
Tgt Ion:142 Resp: 534201

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.2

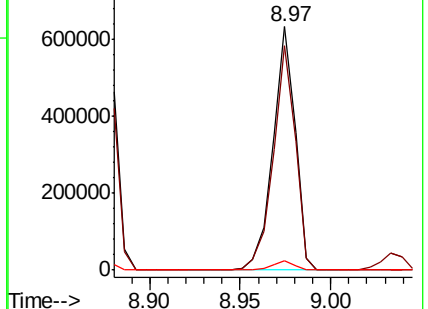
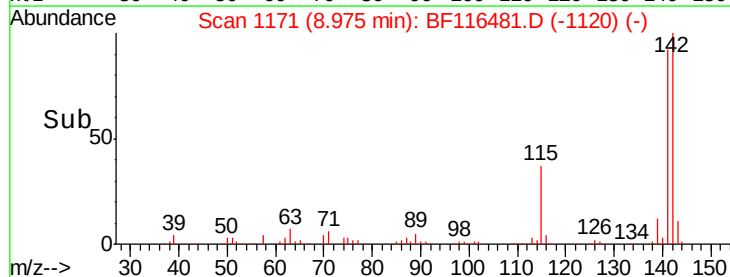
116 3.8 2.9 4.3

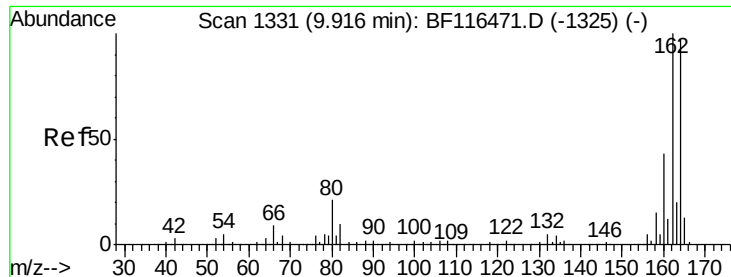


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

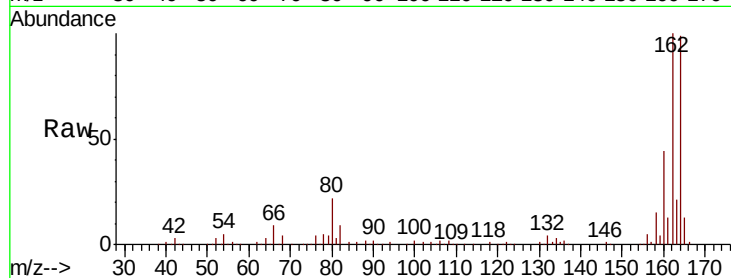
Tgt Ion:164 Resp: 214152

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

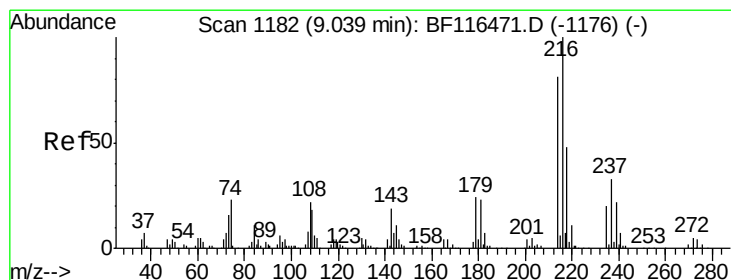
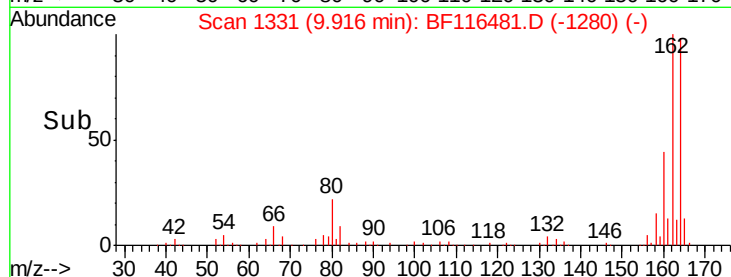
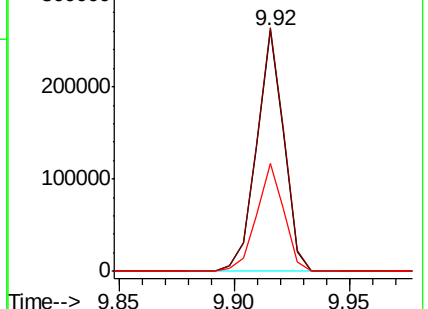
160 45.0 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.884 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Tgt Ion:216 Resp: 241320

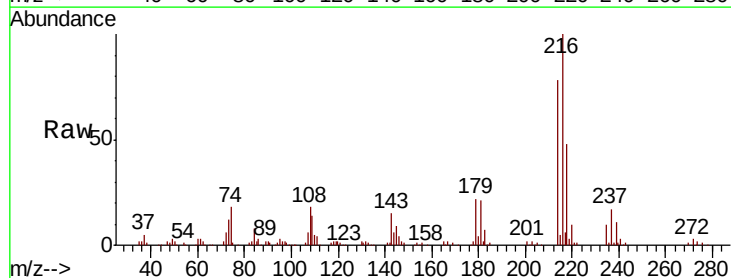
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.8

179 22.7 18.5 27.7

108 23.8 17.3 25.9

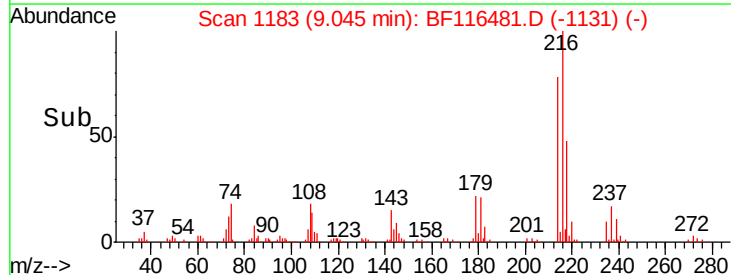
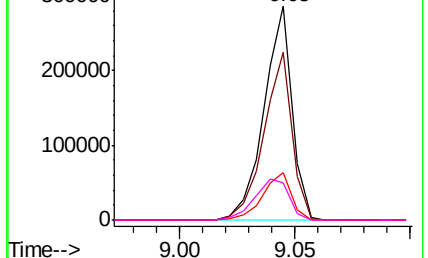


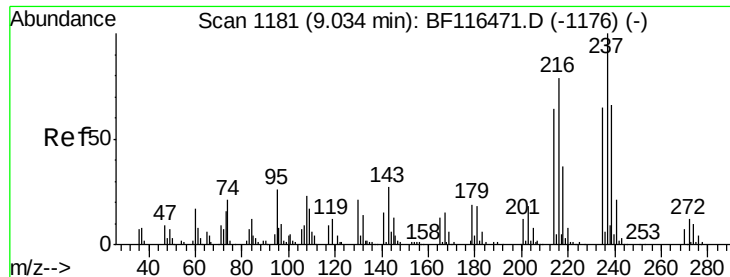
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

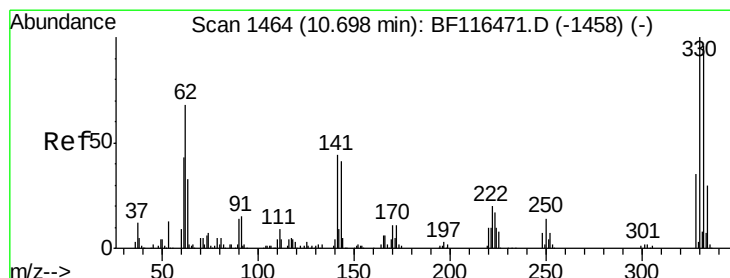
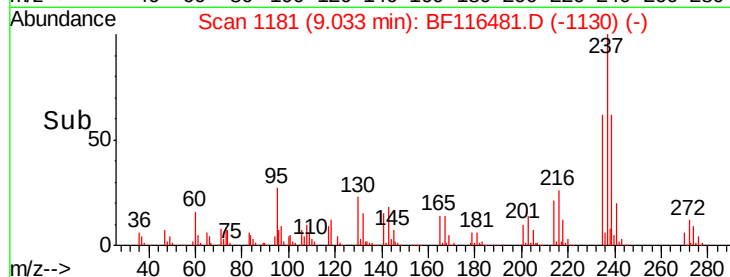
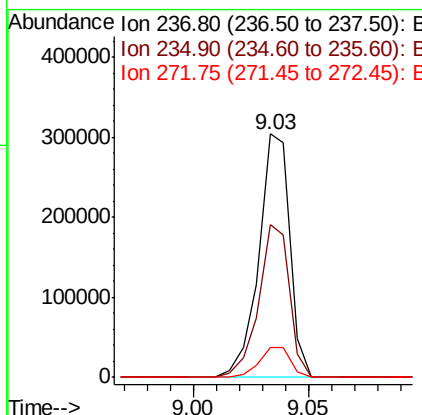
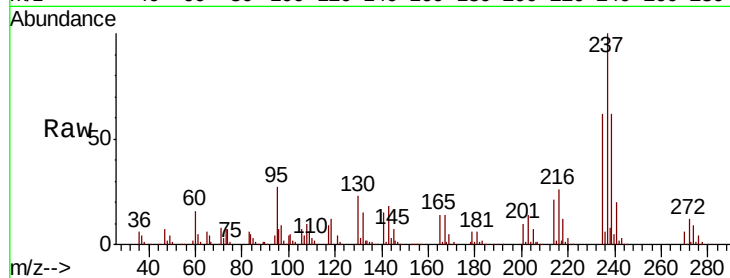




#41
Hexachlorocyclopentadiene
Concen: 92.117 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

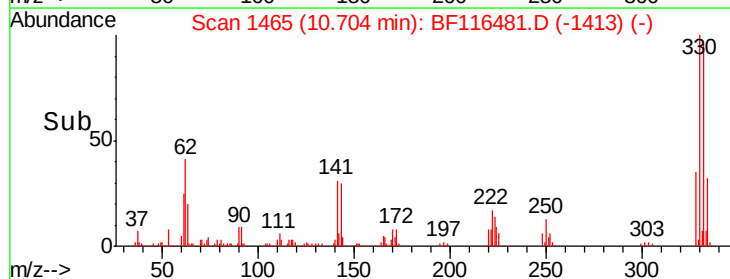
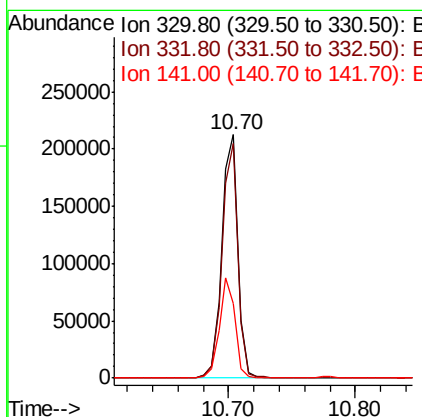
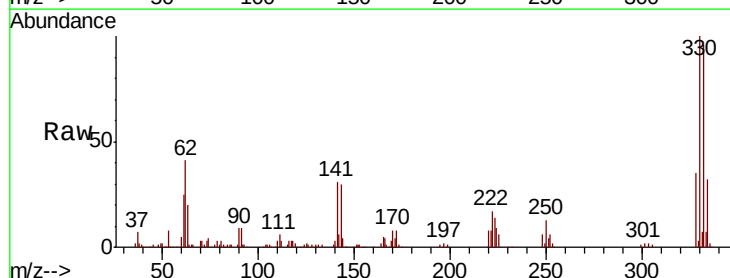
Instrument :
BNA_F
ClientSampleId :
PB122393BS

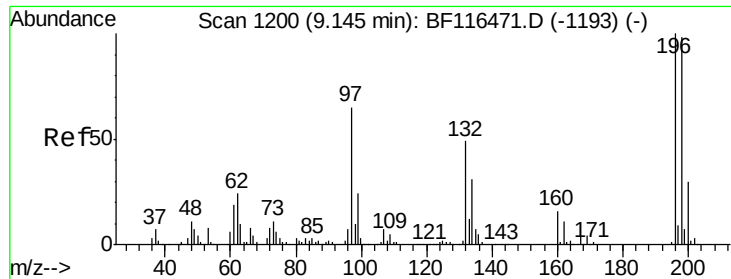
Tgt Ion:	237	Resp:	285557
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.8	84.8
272	12.1	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 102.262 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion:	330	Resp:	188046
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.2	115.8
141	40.4	33.3	49.9

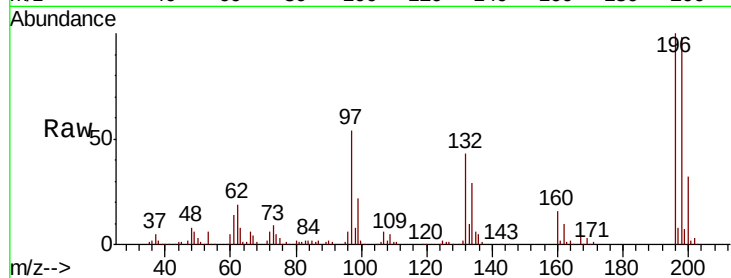




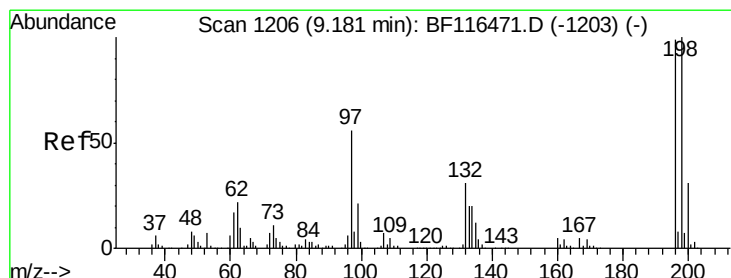
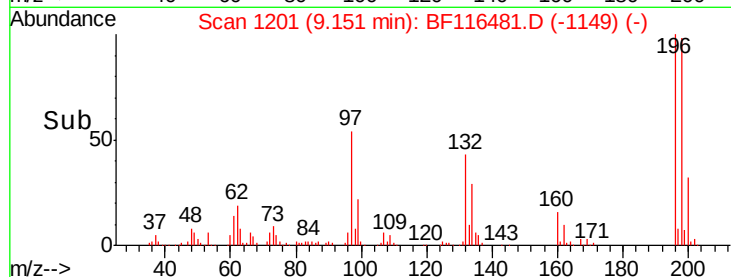
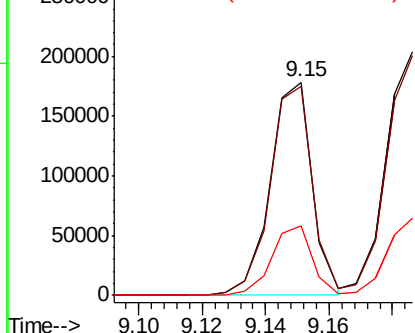
#43
 2,4,6-Trichlorophenol
 Concen: 40.759 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:196 Resp: 164356
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.0 117.0
 200 32.4 24.2 36.2

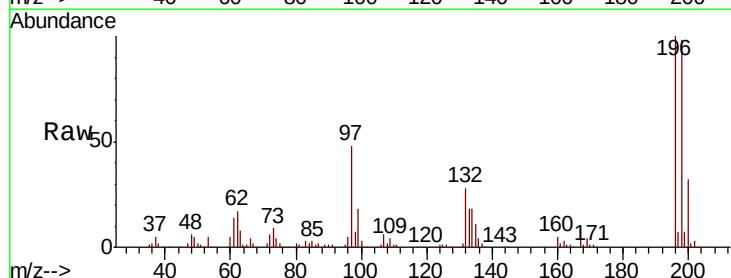


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

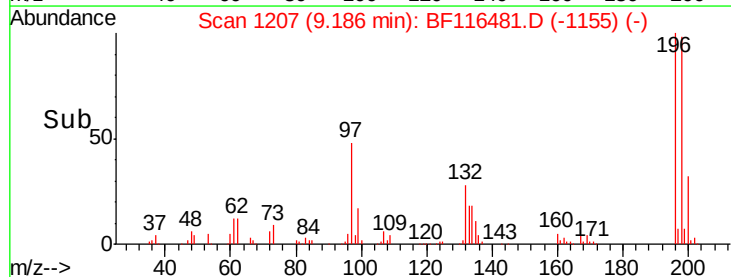
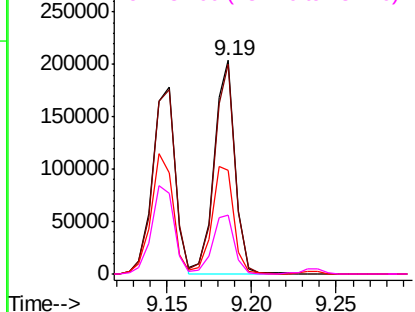


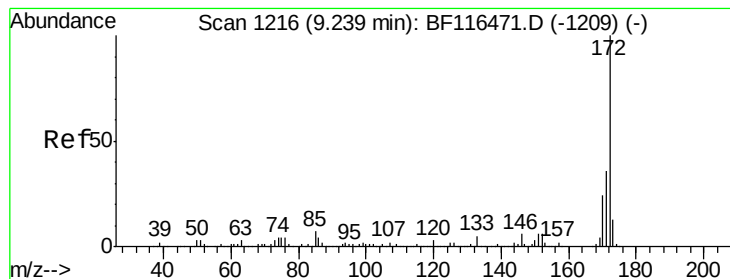
#44
 2,4,5-Trichlorophenol
 Concen: 43.138 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:196 Resp: 176995
 Ion Ratio Lower Upper
 196 100
 198 98.3 80.8 121.2
 97 48.4 45.7 68.5
 132 27.6 25.1 37.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 67.357 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

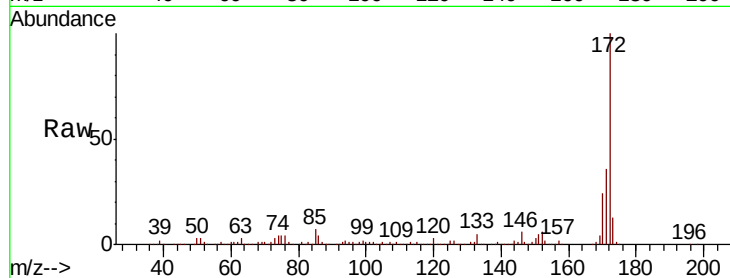
Tgt Ion:172 Resp: 895719

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

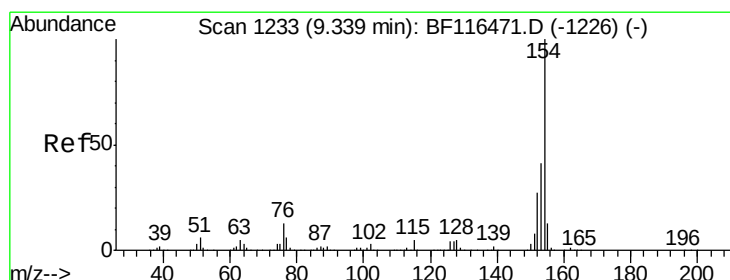
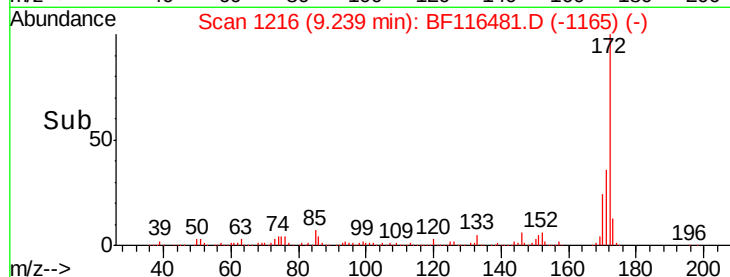
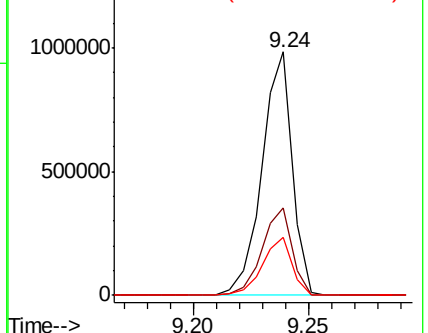
170 23.9 19.4 29.0



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: 40.703 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

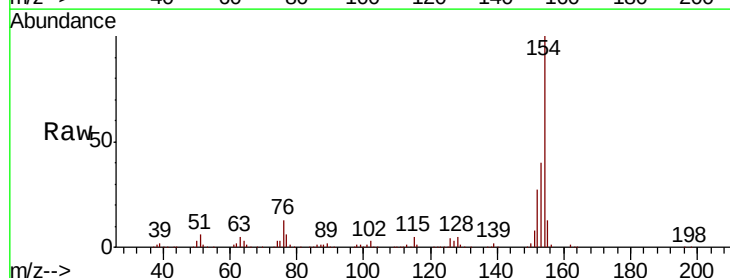
Tgt Ion:154 Resp: 696908

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

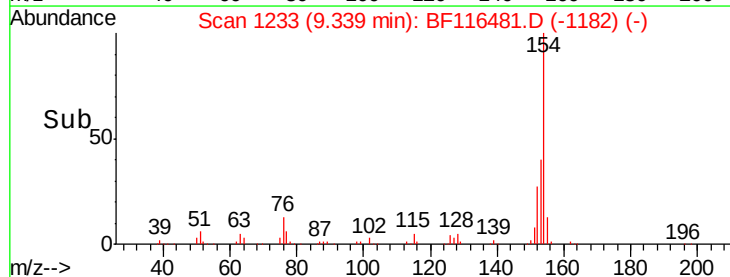
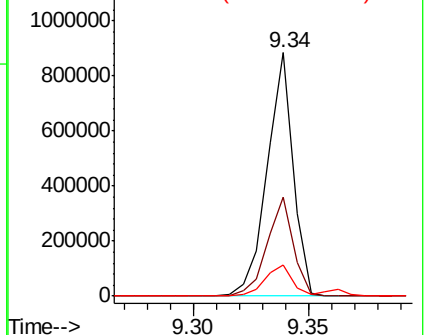
76 13.0 0.0 32.9

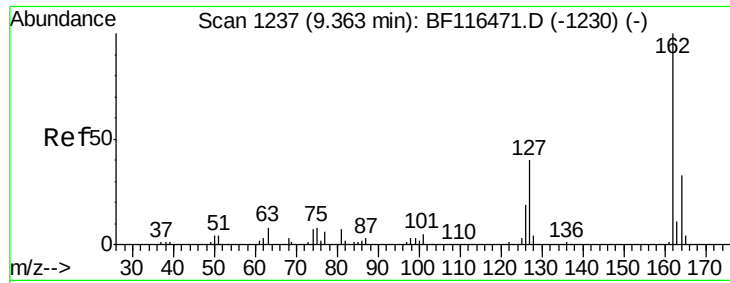


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

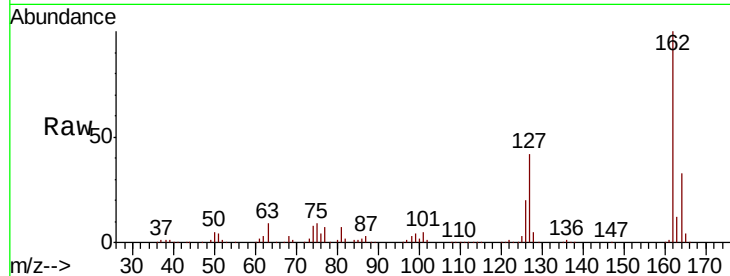




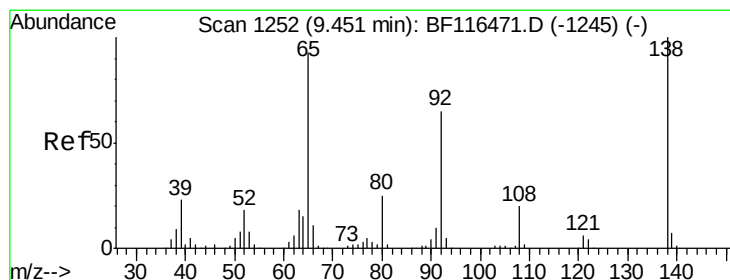
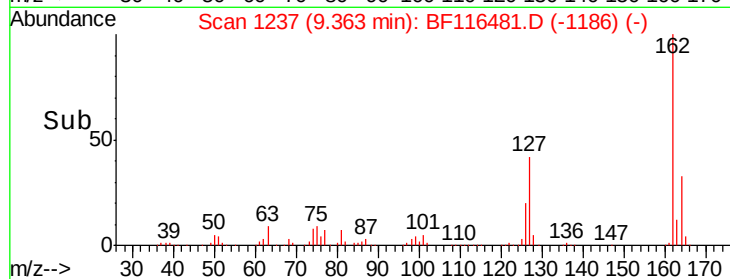
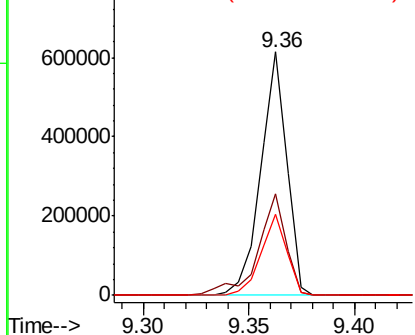
#47
 2-Chloronaphthalene
 Concen: 39.684 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.5	48.7
164	33.1	26.7	40.1

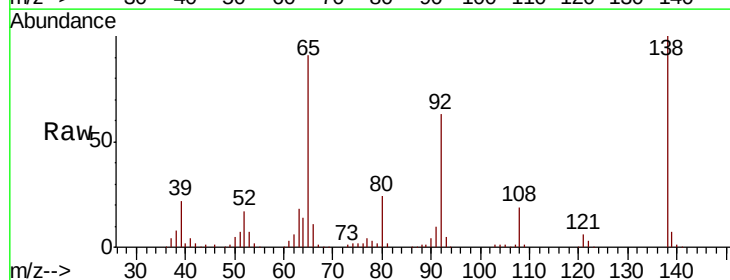


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

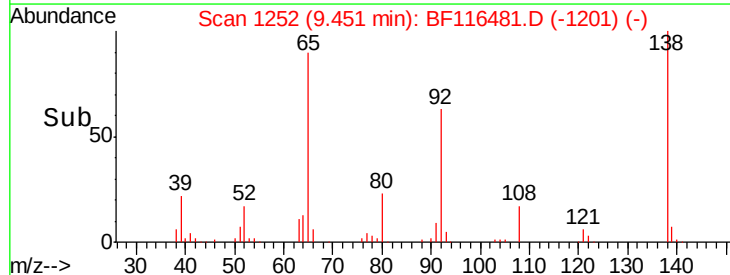
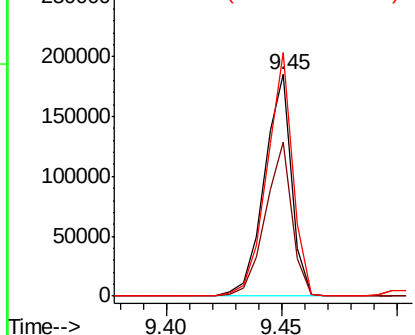


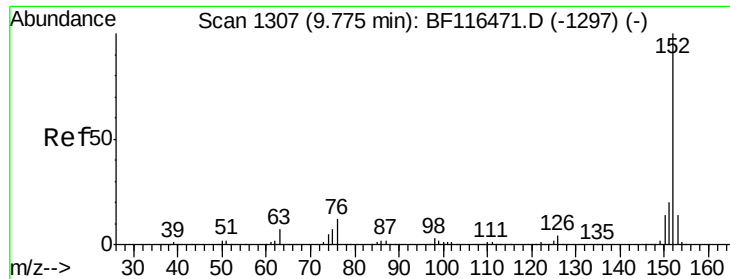
#48
 2-Nitroaniline
 Concen: 37.185 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.2	84.2
138	110.0	86.0	129.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.373 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

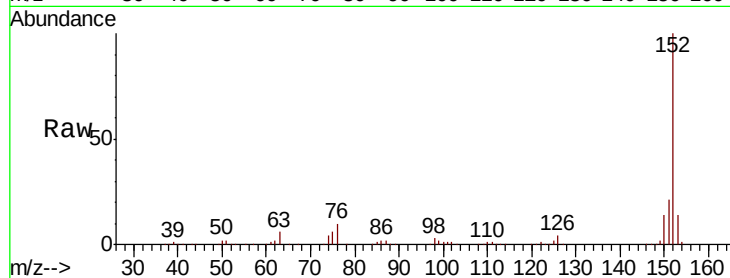
Tgt Ion:152 Resp: 803476

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

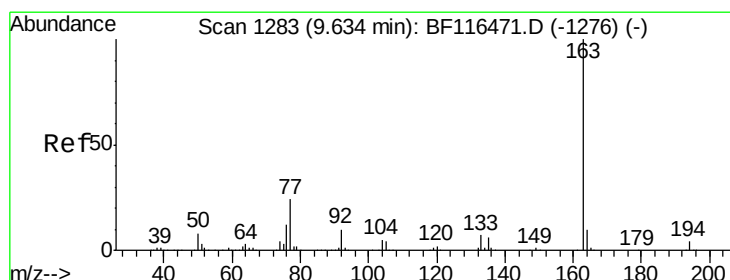
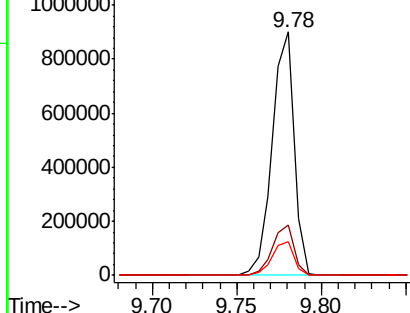
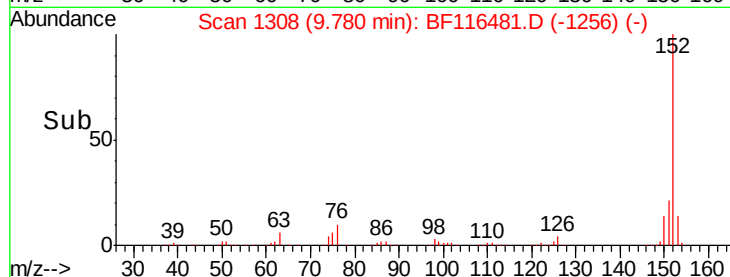
153 13.8 11.4 17.0



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: 38.299 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

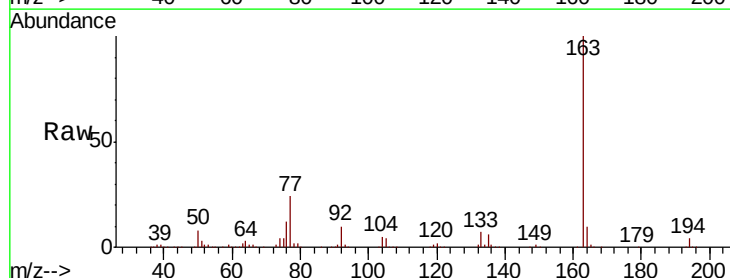
Tgt Ion:163 Resp: 572251

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

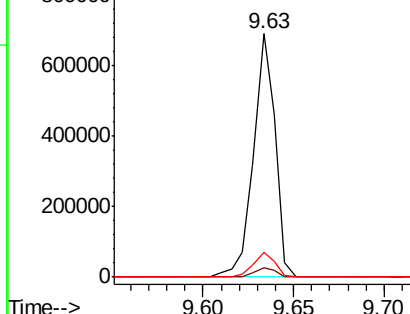
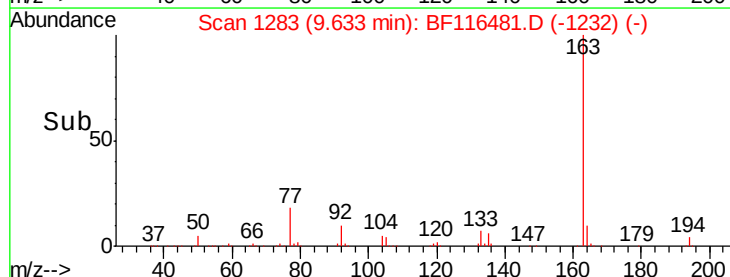
164 10.3 8.2 12.2

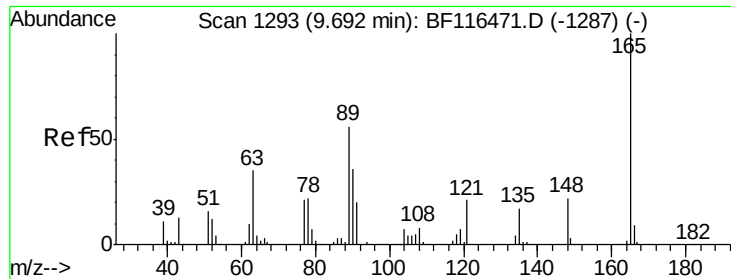


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

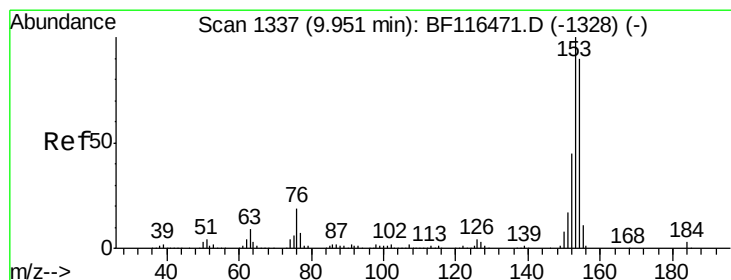
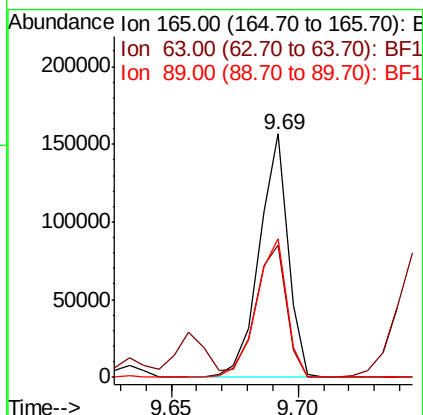
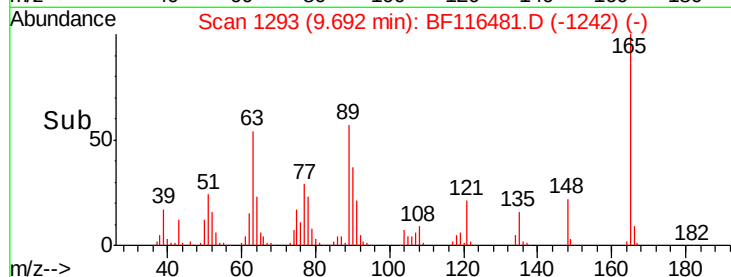
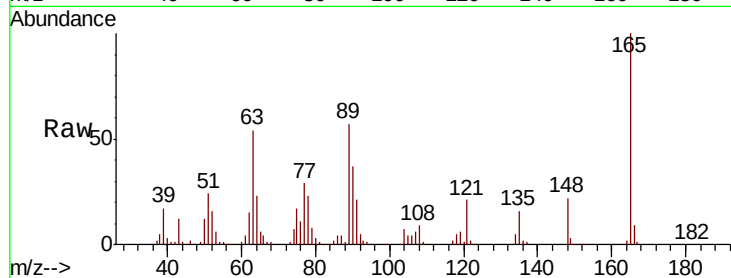




#51
 2,6-Dinitrotoluene
 Concen: 40.738 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

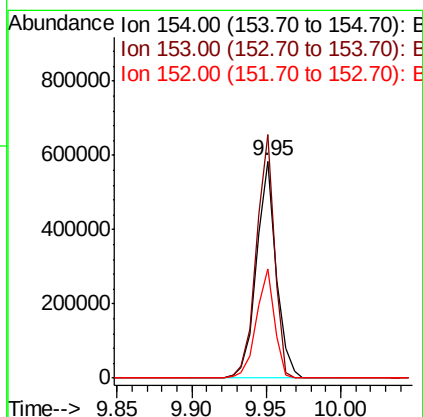
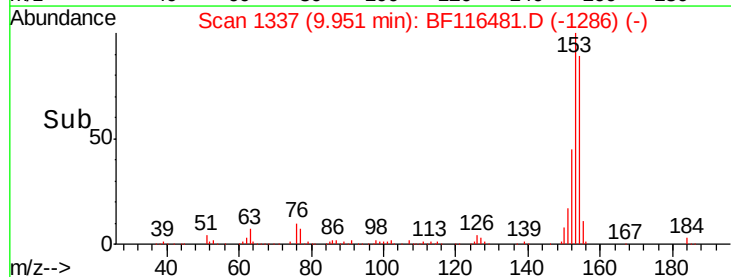
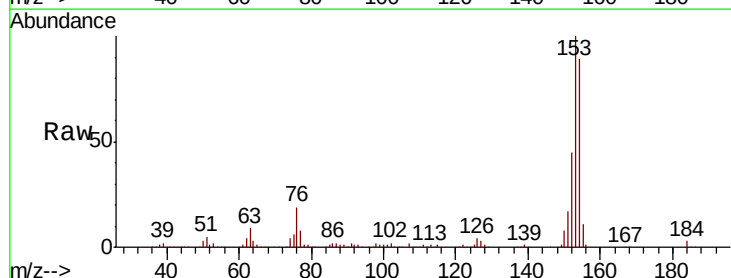
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

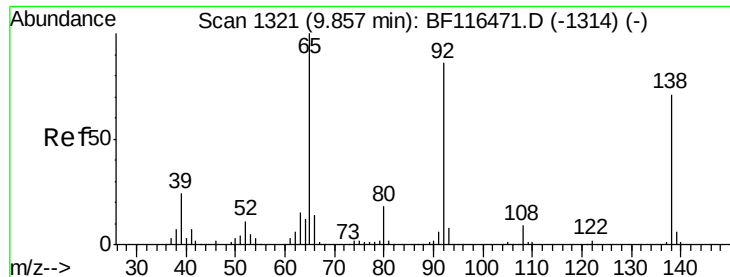
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.4	43.7	65.5
89	57.1	45.1	67.7



#52
 Acenaphthene
 Concen: 42.428 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.3	133.9
152	50.5	40.2	60.4

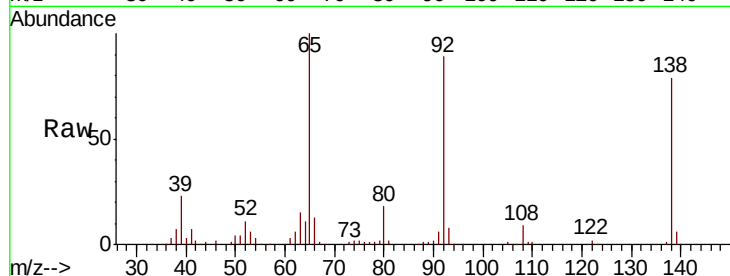




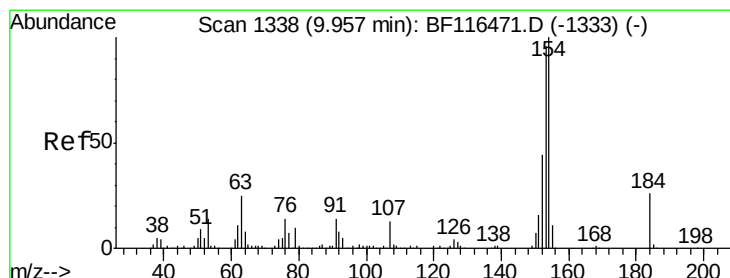
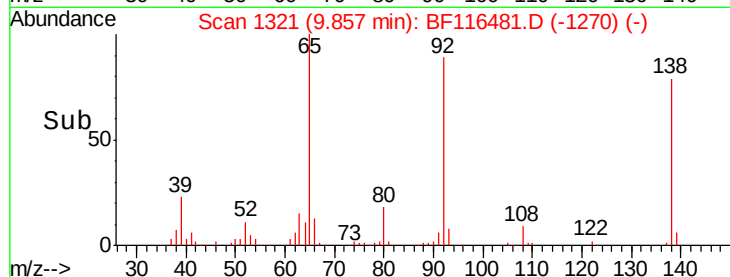
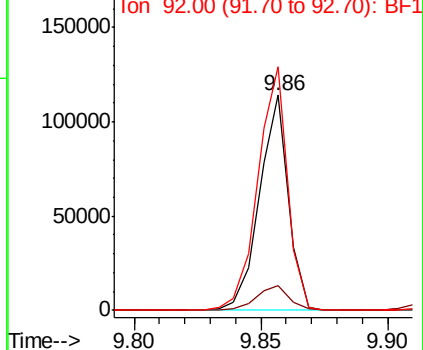
#53
 3-Nitroaniline
 Concen: 24.757 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:138 Resp: 90251
 Ion Ratio Lower Upper
 138 100
 108 11.6 10.0 15.0
 92 113.3 97.7 146.5

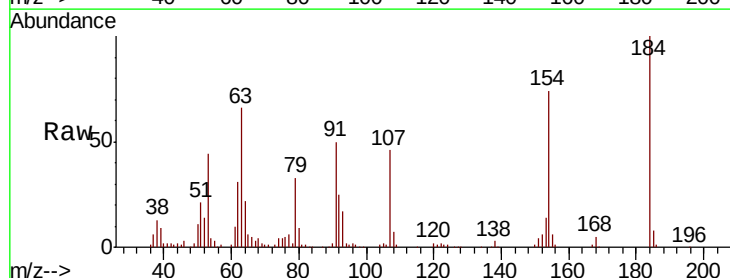


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

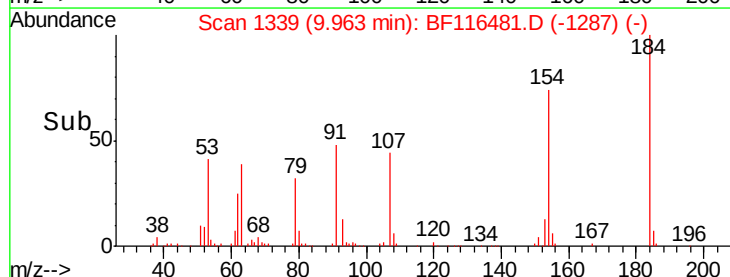
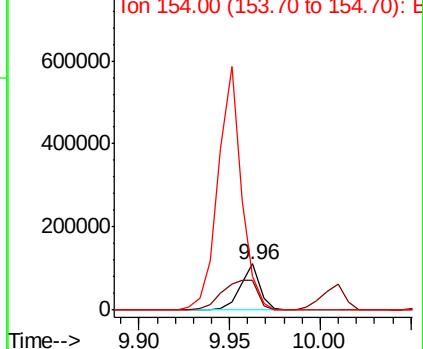


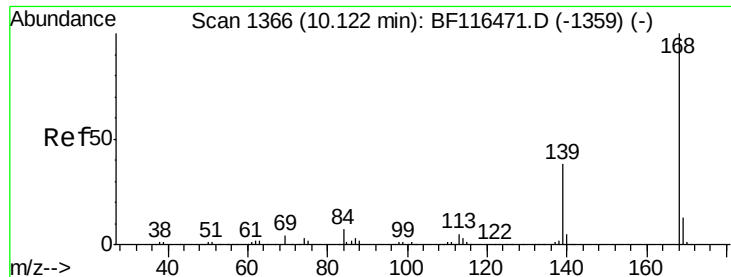
#54
 2,4-Dinitrophenol
 Concen: 69.232 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:184 Resp: 81387
 Ion Ratio Lower Upper
 184 100
 63 65.5 78.2 117.4#
 154 73.7 320.4 480.6#



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

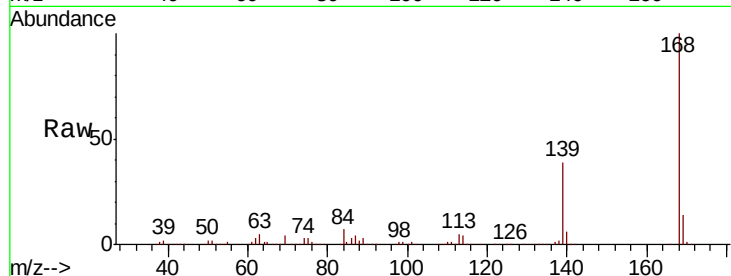




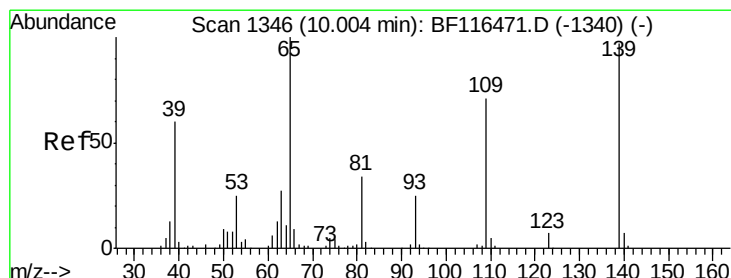
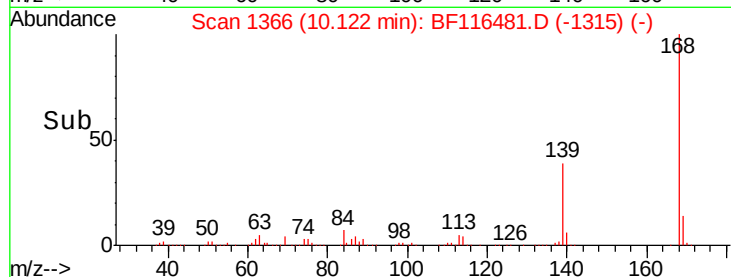
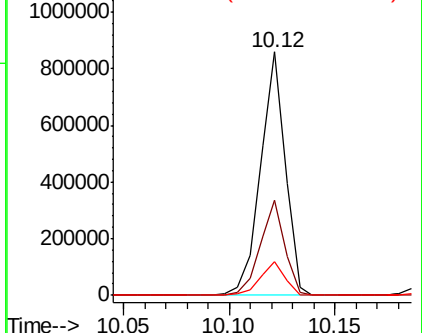
#55
Dibenzenofuran
Concen: 40.346 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion:168 Resp: 700831
Ion Ratio Lower Upper
168 100
139 39.2 30.7 46.1
169 13.9 10.7 16.1

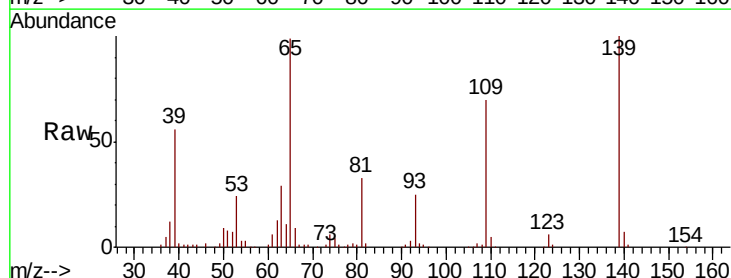


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

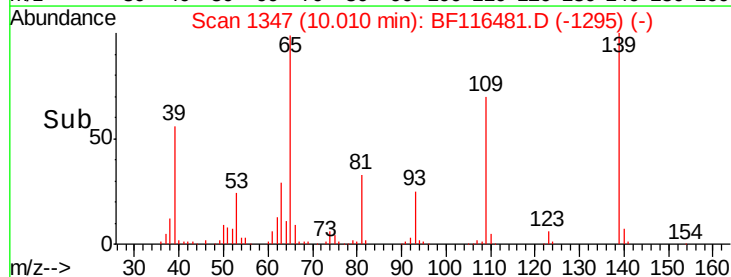
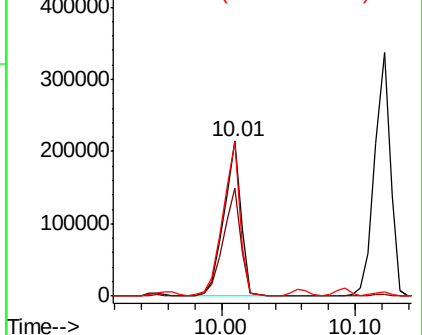


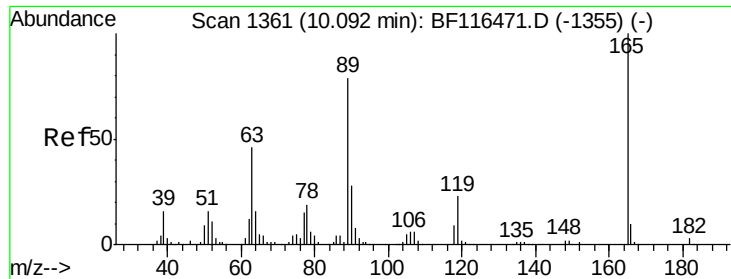
#56
4-Nitrophenol
Concen: 69.425 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion:139 Resp: 196715
Ion Ratio Lower Upper
139 100
109 69.8 53.4 93.4
65 99.3 83.0 123.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

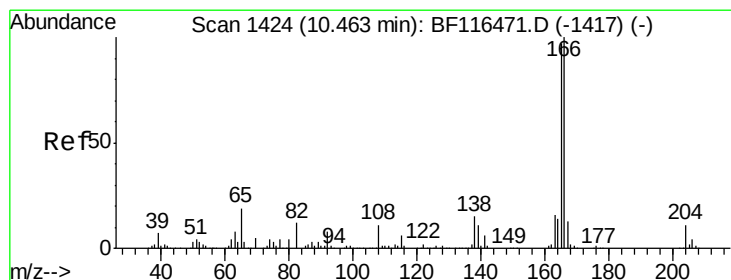
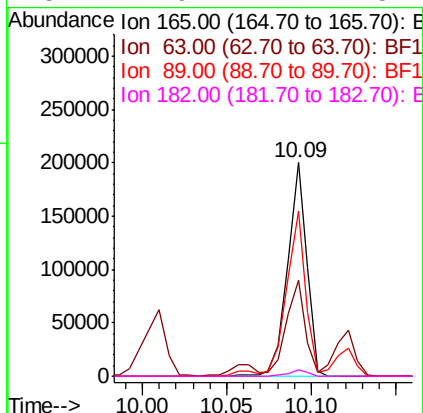
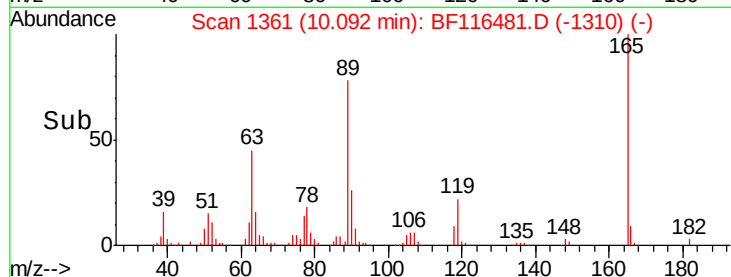
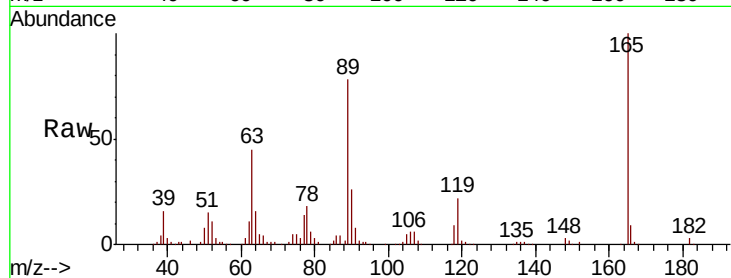




#57
 2,4-Dinitrotoluene
 Concen: 41.215 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

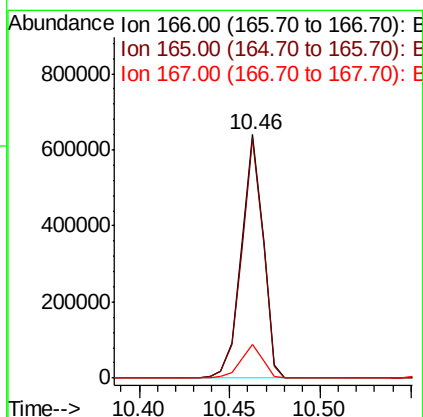
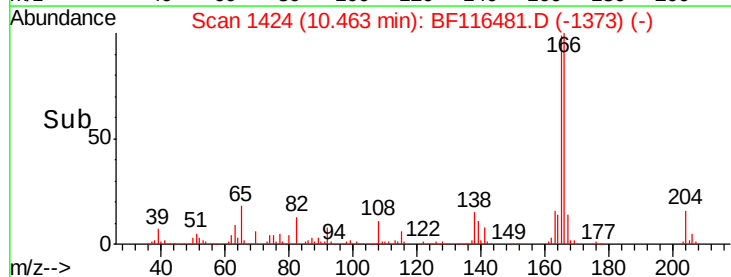
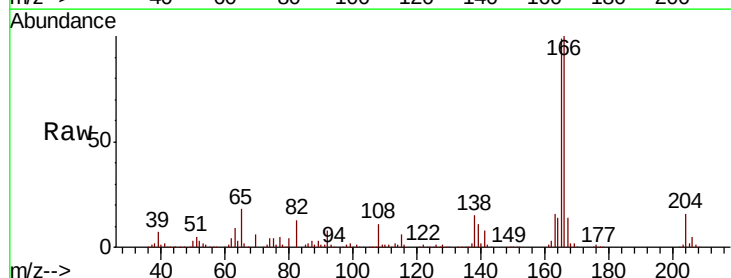
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

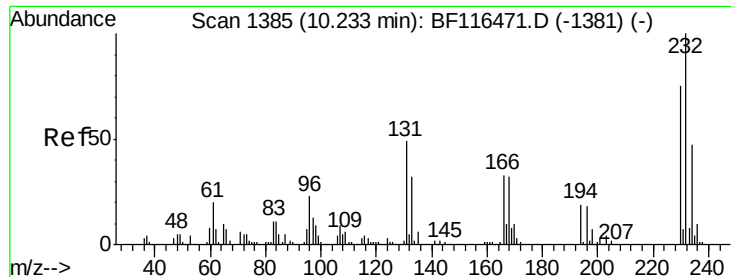
Tgt Ion:	165	Resp:	160389
Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.9	55.3
89	77.5	63.4	95.0
182	2.9	2.1	3.1



#58
 Fluorene
 Concen: 39.370 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:	166	Resp:	531339
Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.4	116.0
167	13.6	10.8	16.2

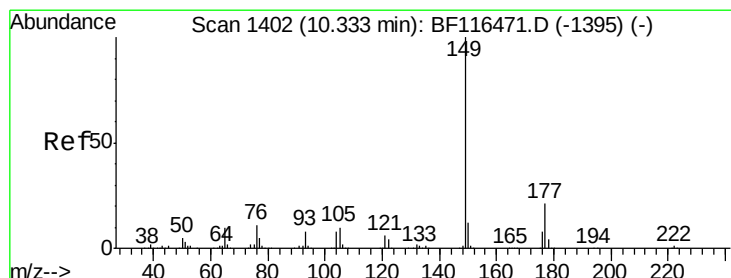
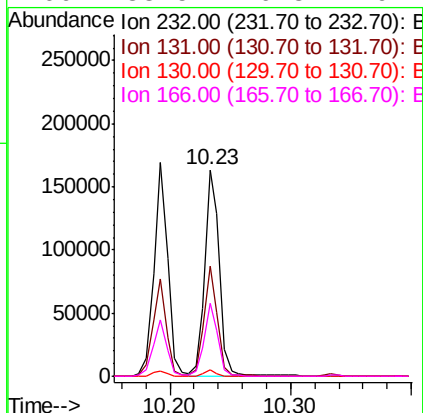
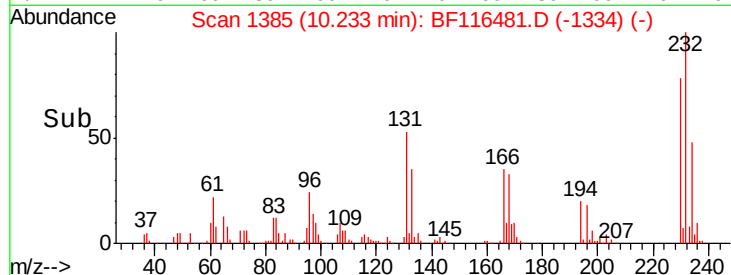
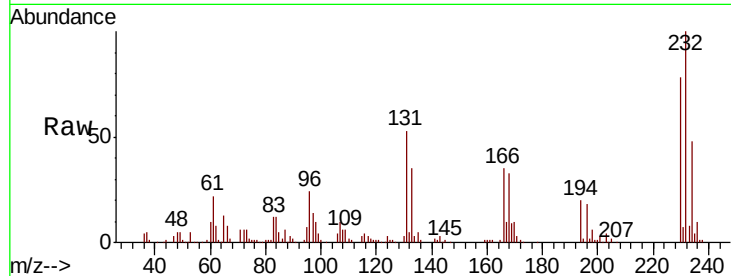




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.662 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

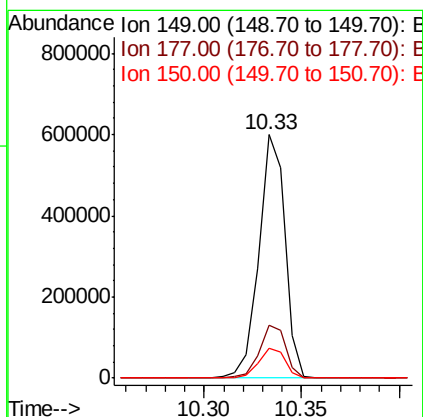
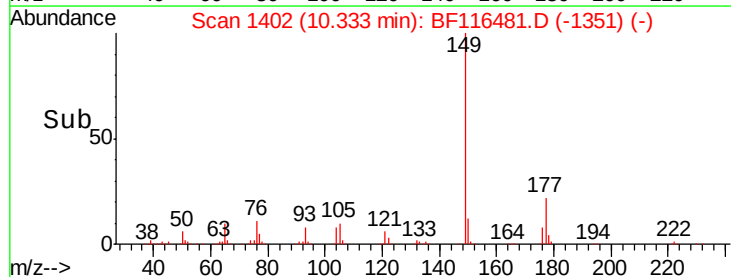
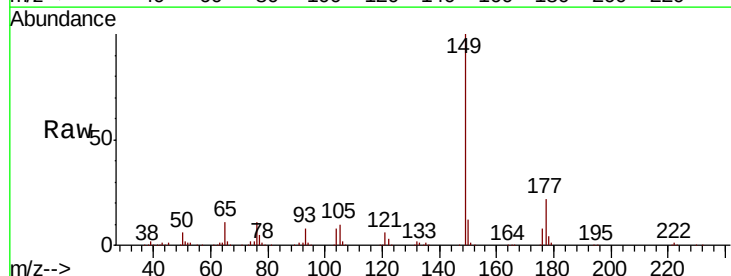
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

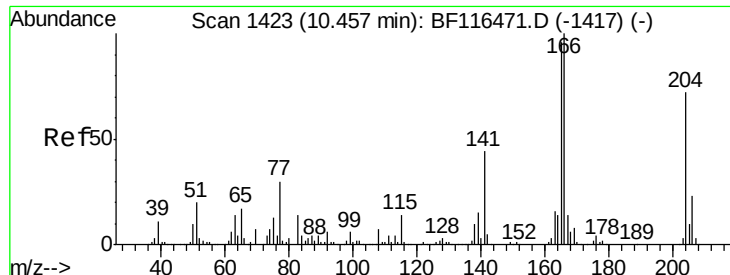
Tgt Ion:	232	Resp:	136990
Ion	Ratio	Lower	Upper
232	100		
131	49.5	40.8	61.2
130	2.5	1.8	2.8
166	33.5	26.8	40.2



#60
 Diethylphthalate
 Concen: 37.752 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:	149	Resp:	554403
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.1	25.7
150	12.4	9.8	14.6

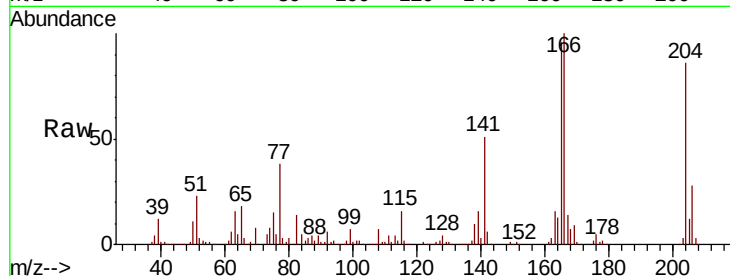




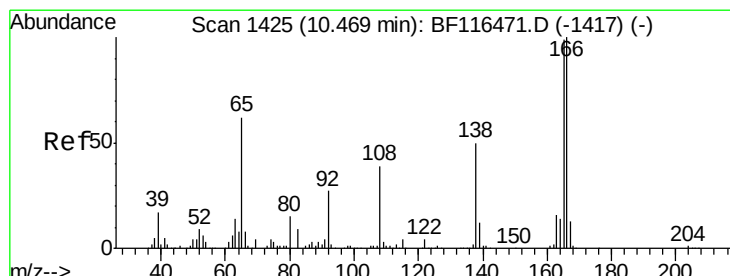
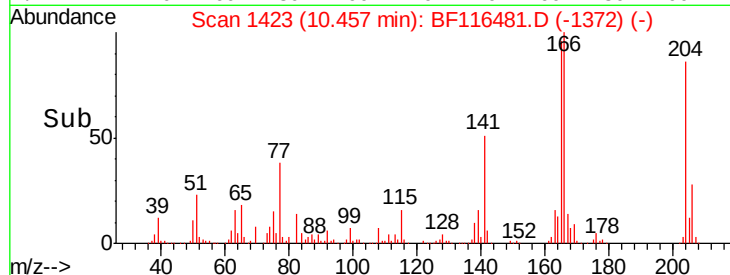
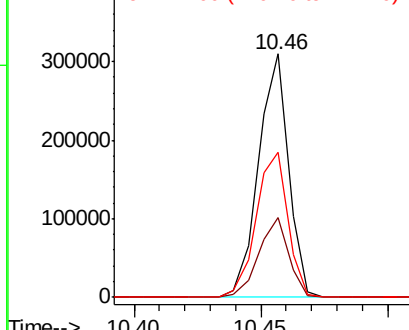
#61
 4-Chlorophenyl-phenylether
 Concen: 39.085 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion:	204	Resp:	257335
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	59.5	48.6	73.0

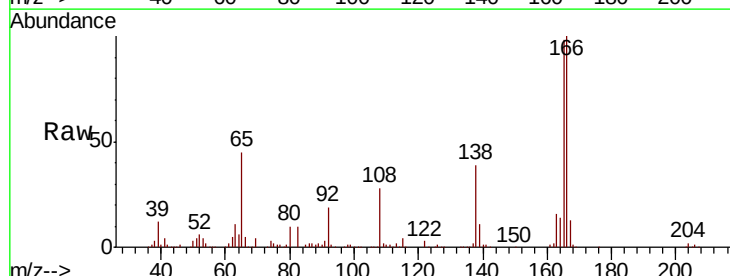


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

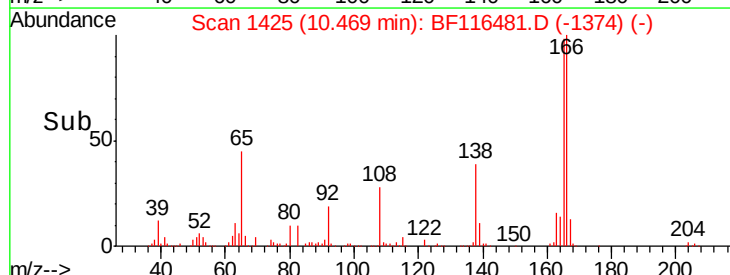
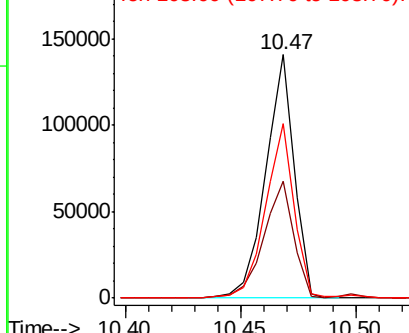


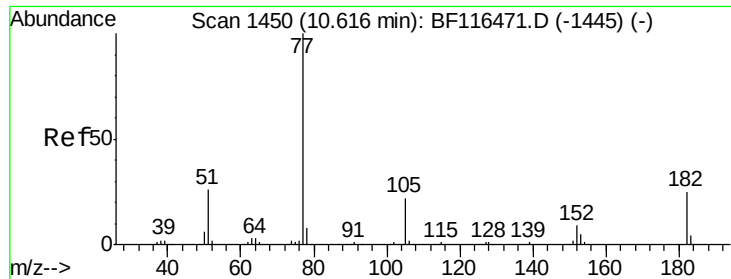
#62
 4-Nitroaniline
 Concen: 33.876 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:	138	Resp:	120782
Ion	Ratio	Lower	Upper
138	100		
92	47.8	34.9	74.9
108	71.9	57.7	97.7



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

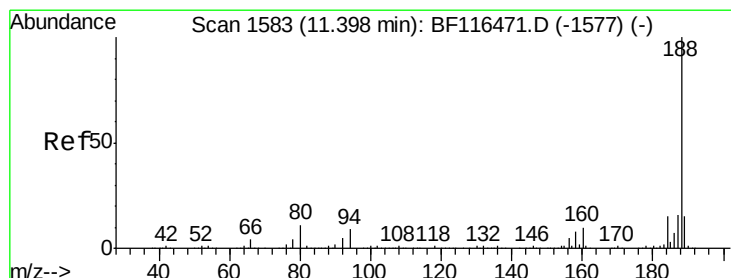
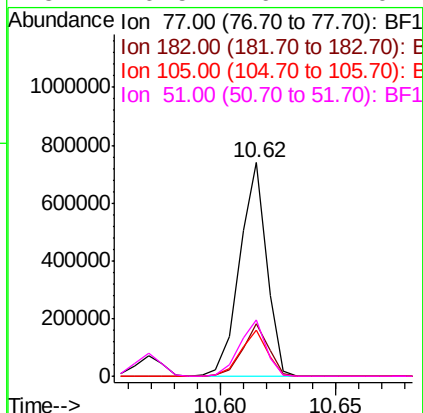
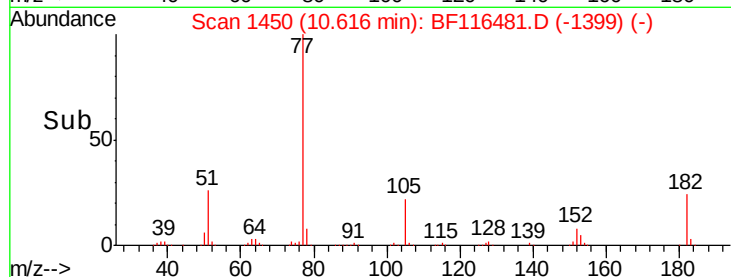
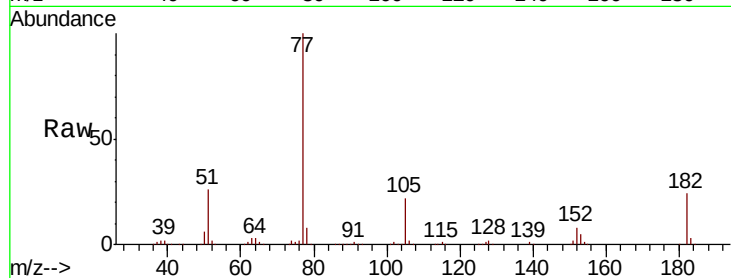




#63
Azobenzene
Concen: 39.857 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

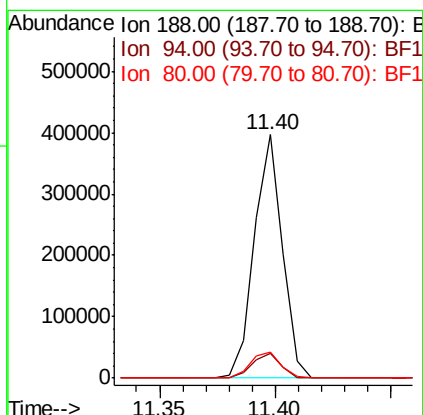
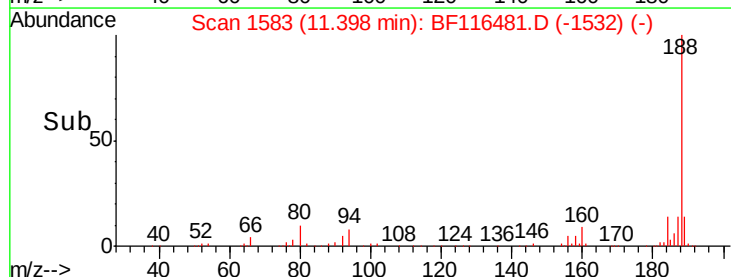
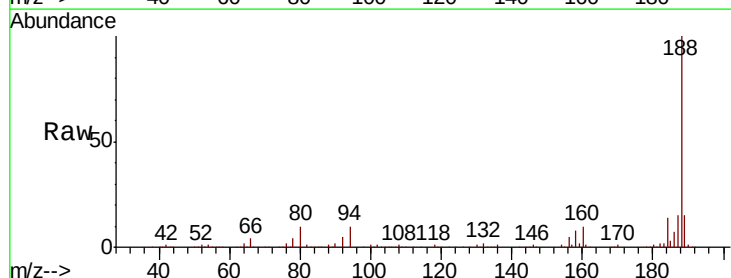
Instrument :
BNA_F
ClientSampleId :
PB122393BS

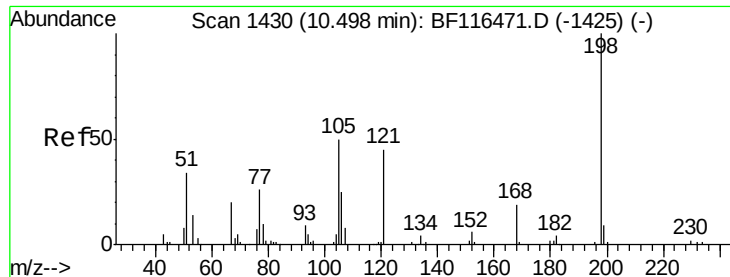
Tgt Ion:	77	Resp:	601830
Ion	Ratio	Lower	Upper
77	100		
182	24.5	5.4	45.4
105	21.8	1.6	41.6
51	26.5	6.2	46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion:	188	Resp:	337282
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.4	11.2
80	10.5	8.6	12.8

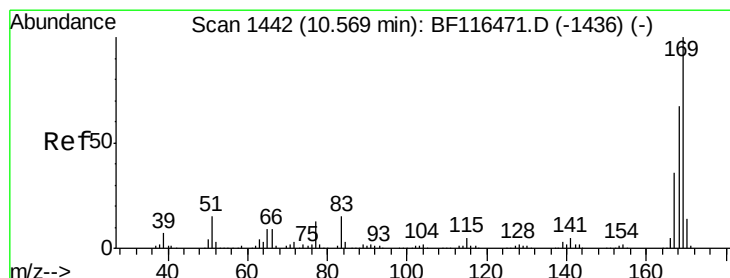
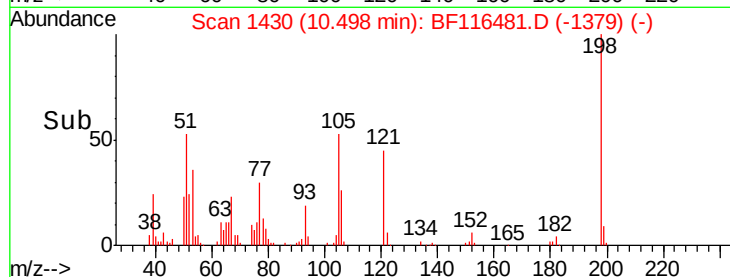
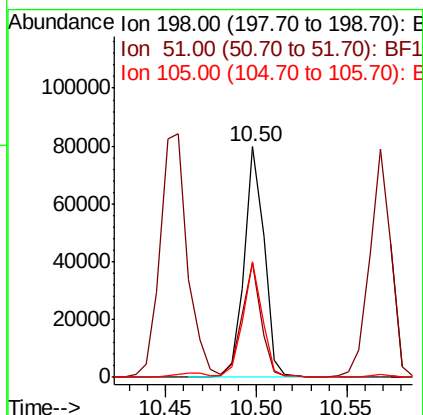
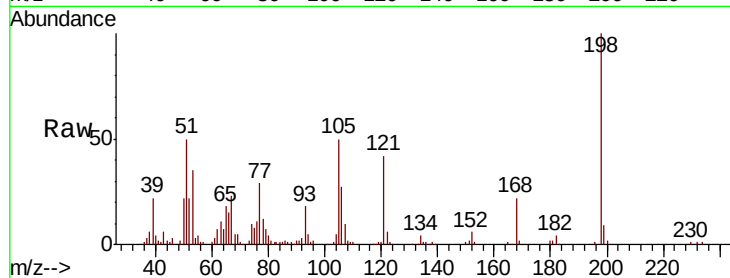




#65
4,6-Dinitro-2-methylphenol
Concen: 44.646 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

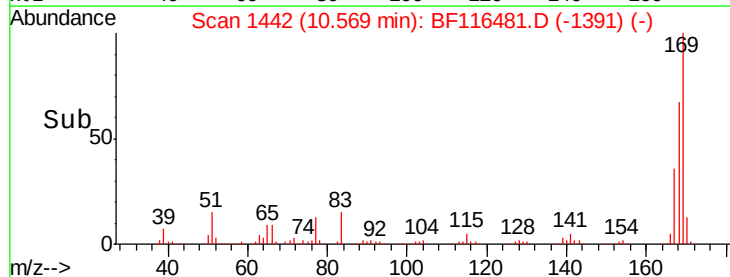
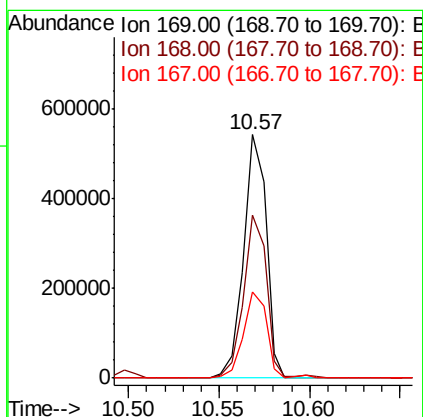
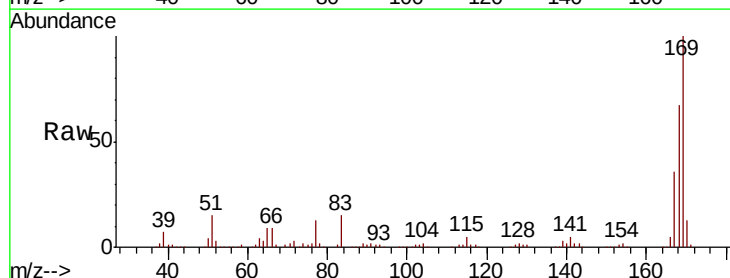
Instrument :
BNA_F
ClientSampleId :
PB122393BS

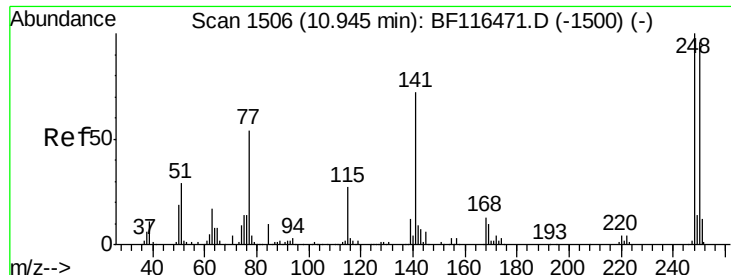
Tgt Ion:198 Resp: 60954
Ion Ratio Lower Upper
198 100
51 49.7 30.4 70.4
105 50.1 32.8 72.8



#66
n-Nitrosodiphenylamine
Concen: 43.201 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion:169 Resp: 471807
Ion Ratio Lower Upper
169 100
168 67.1 53.6 80.4
167 35.6 28.7 43.1

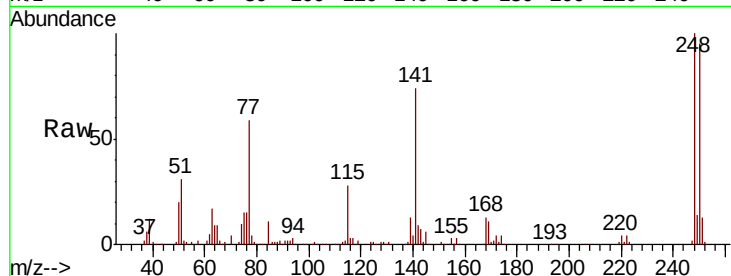




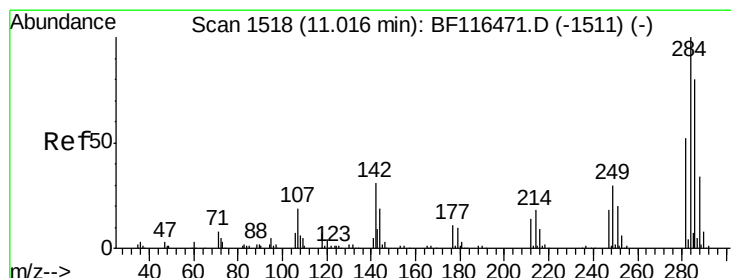
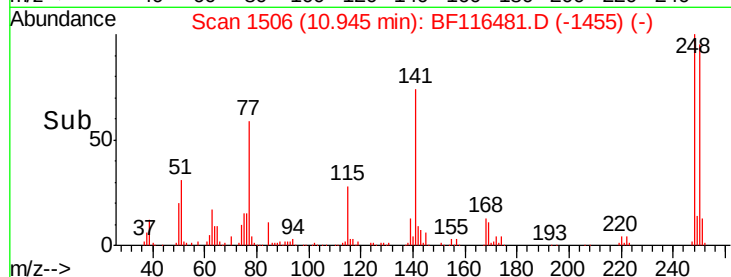
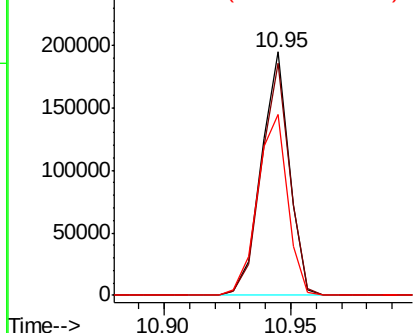
#67
 4-Bromophenyl-phenylether
 Concen: 42.720 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

Tgt Ion: 248 Resp: 151059
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.0 115.6
 141 74.1 57.4 86.0

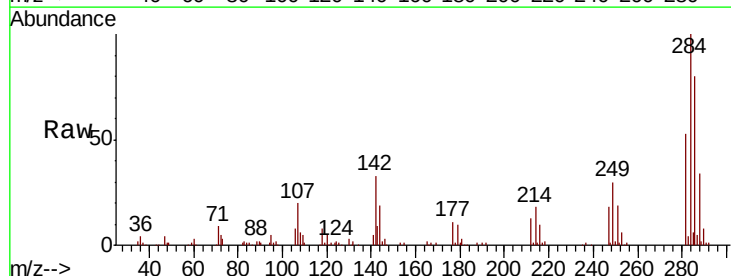


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

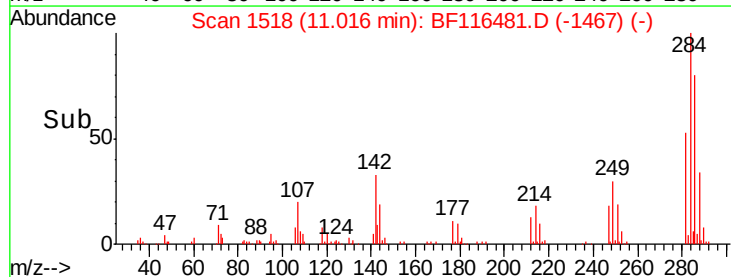
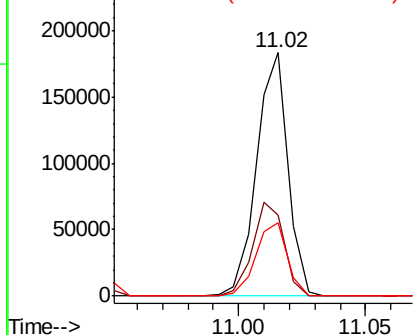


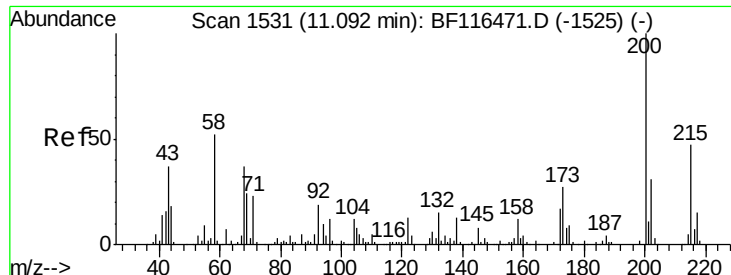
#68
 Hexachlorobenzene
 Concen: 40.161 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion: 284 Resp: 157068
 Ion Ratio Lower Upper
 284 100
 142 33.1 24.6 36.8
 249 30.1 24.1 36.1



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

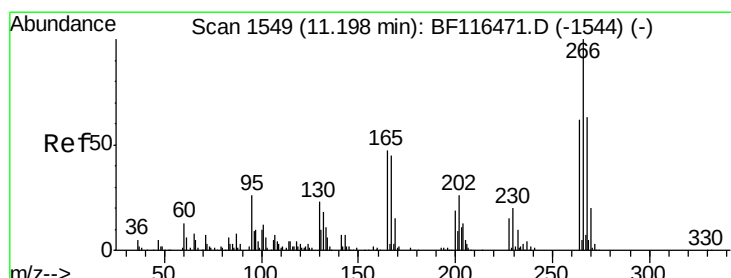
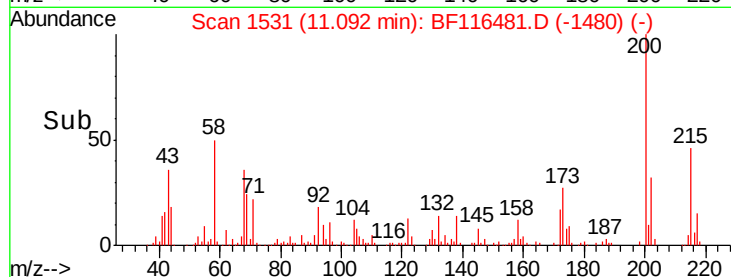
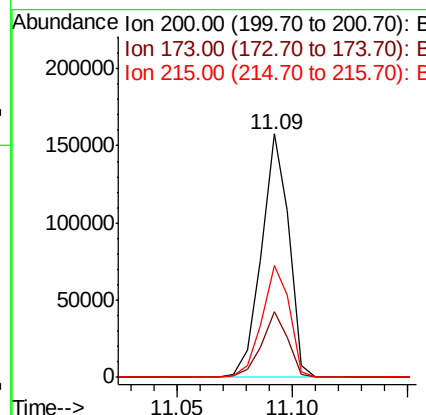
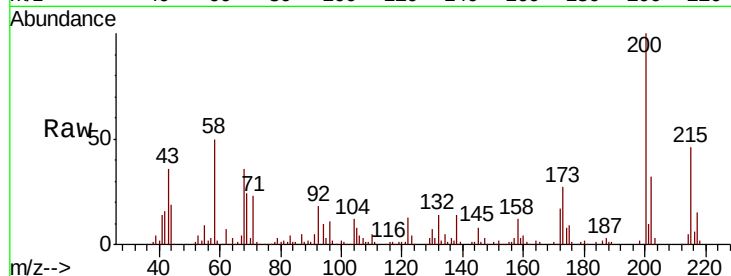




#69
 Atrazine
 Concen: 39.851 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

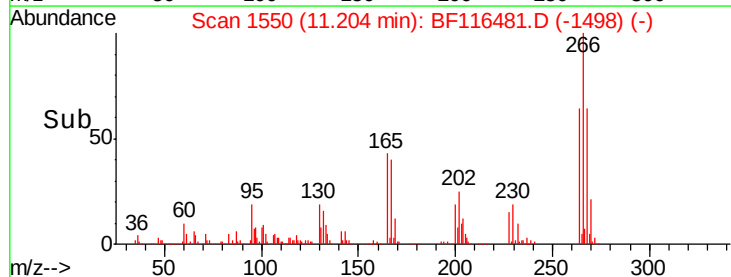
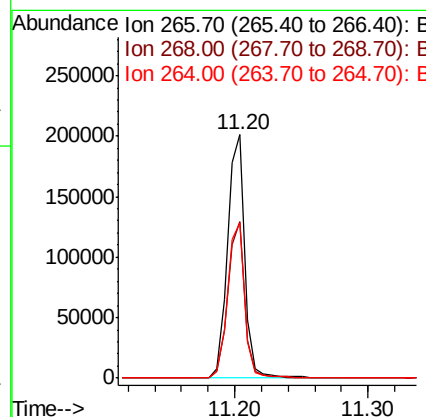
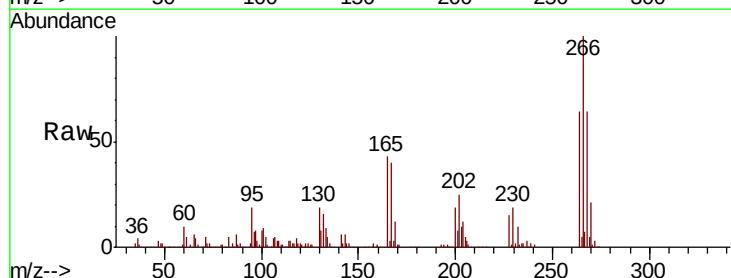
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

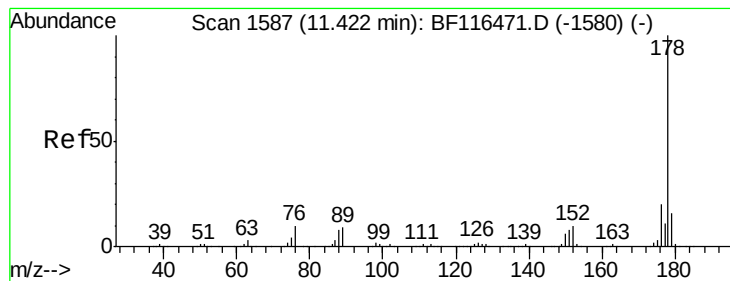
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.3	47.3
215	45.9	26.7	66.7



#70
 Pentachlorophenol
 Concen: 80.894 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.7	76.1
264	63.6	50.0	75.0





#71

Phenanthrene

Concen: 41.728 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

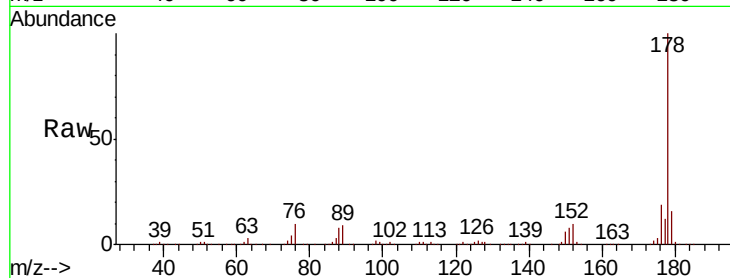
Tgt Ion:178 Resp: 766704

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

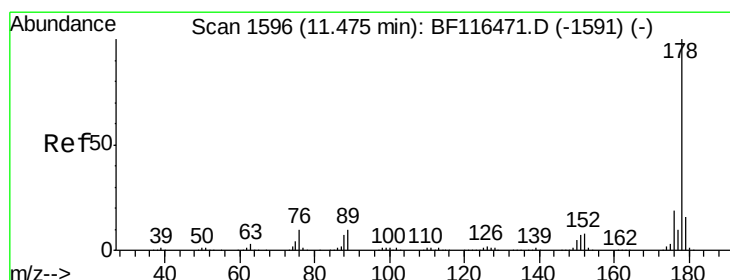
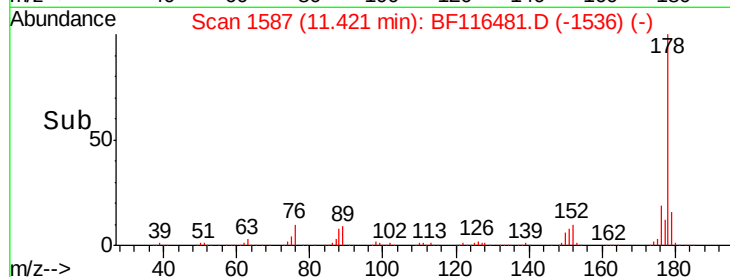
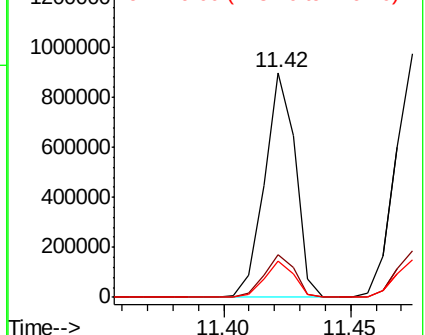
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.299 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

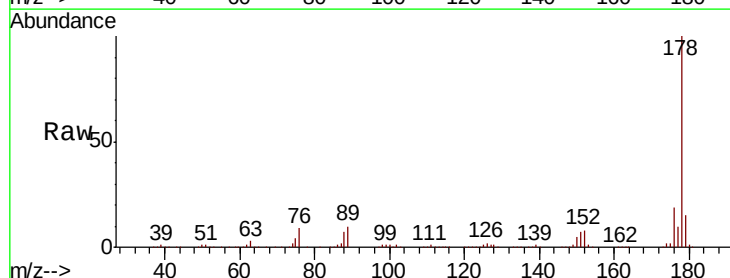
Tgt Ion:178 Resp: 780963

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

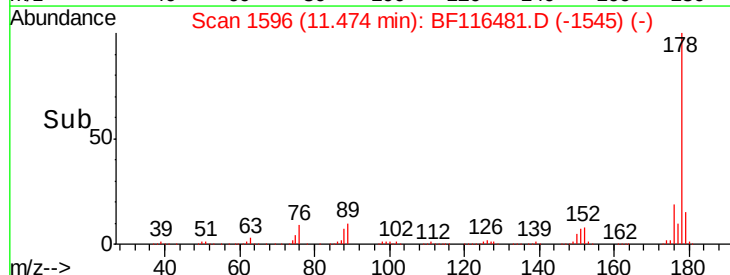
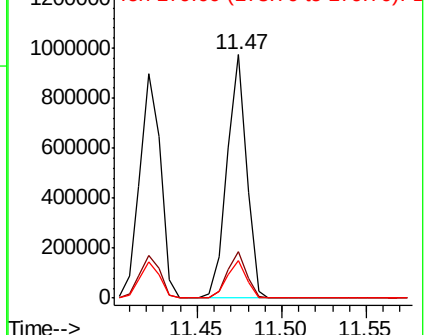
179 15.5 12.5 18.7

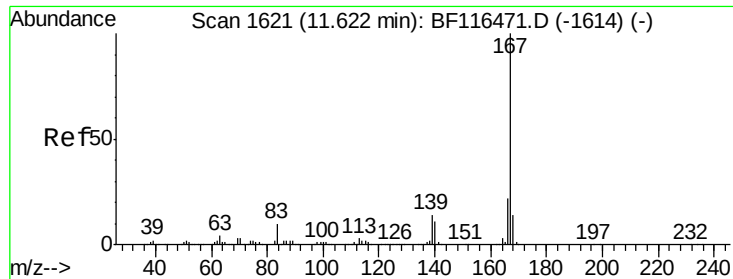


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

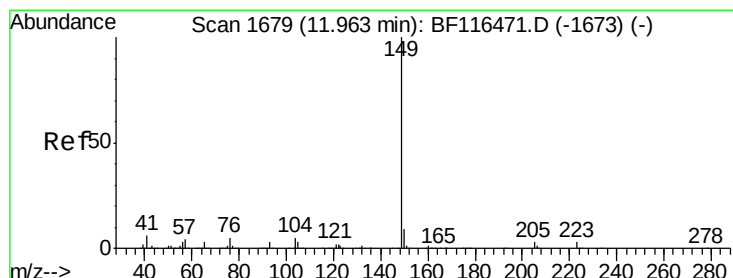
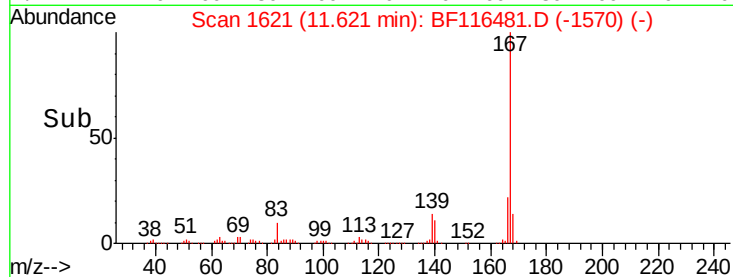
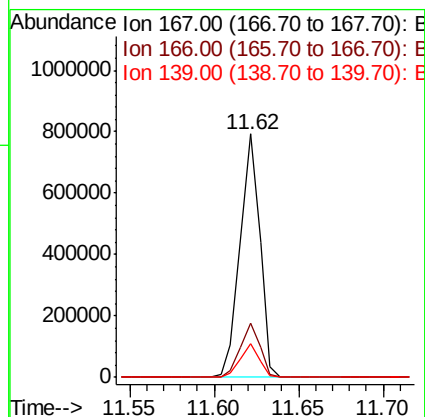
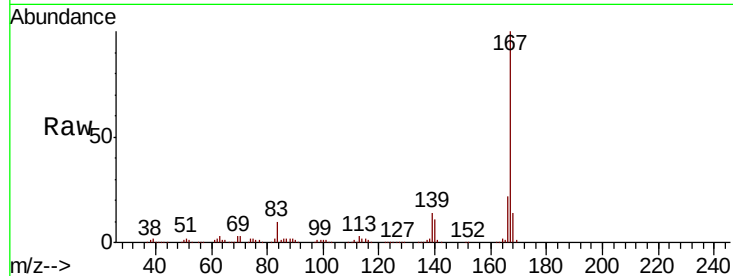




#73
 Carbazole
 Concen: 39.039 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

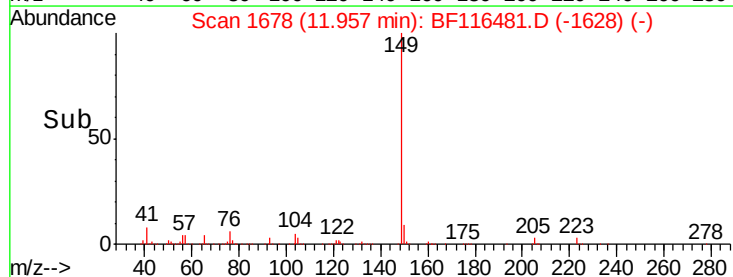
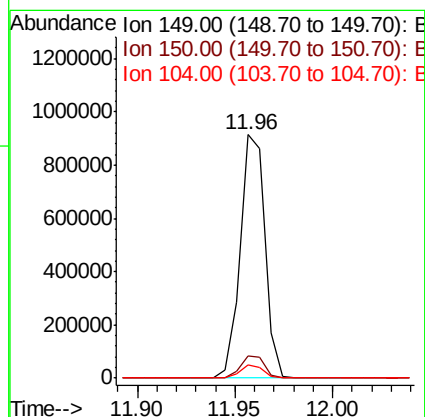
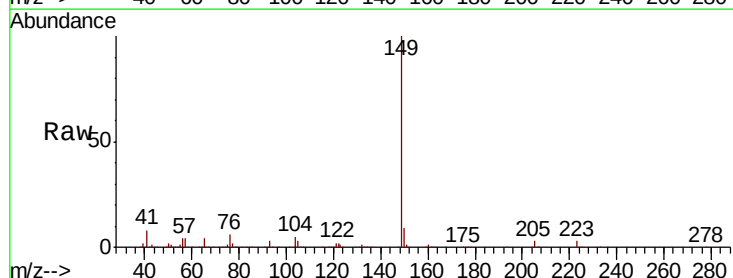
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BS

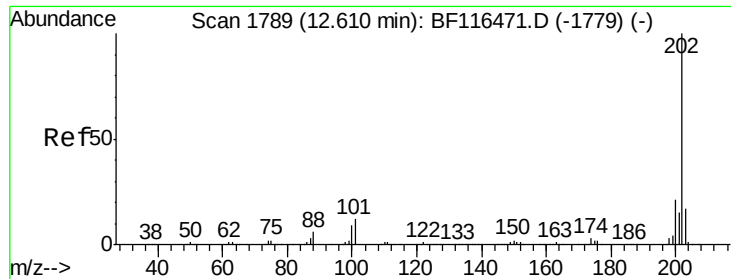
Tgt Ion:167 Resp: 646983
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.982 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116481.D
 Acq: 23 Aug 2019 17:06

Tgt Ion:149 Resp: 800538
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.3 4.1 6.1

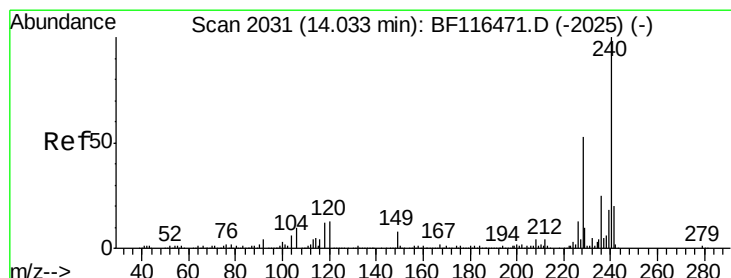
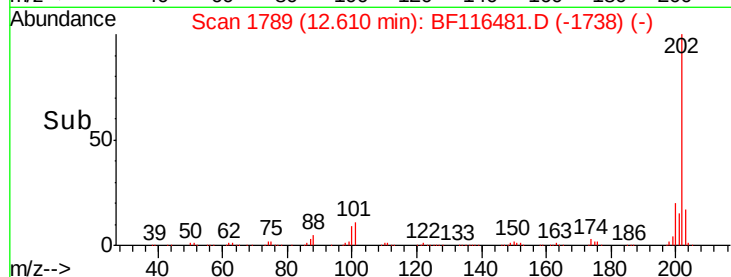
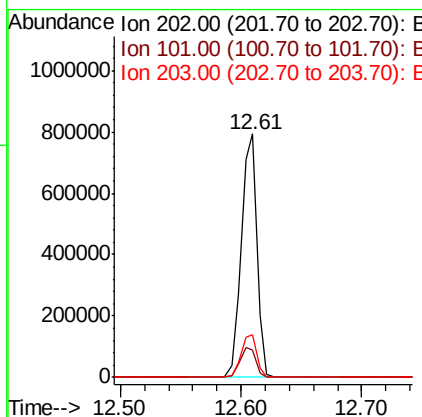
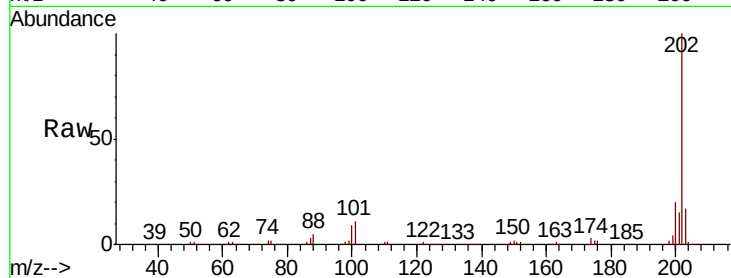




#75
Fluoranthene
Concen: 37.778 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

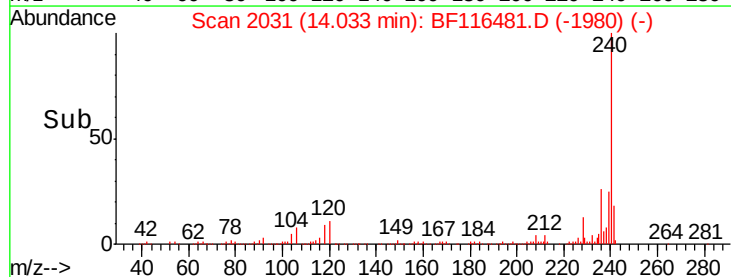
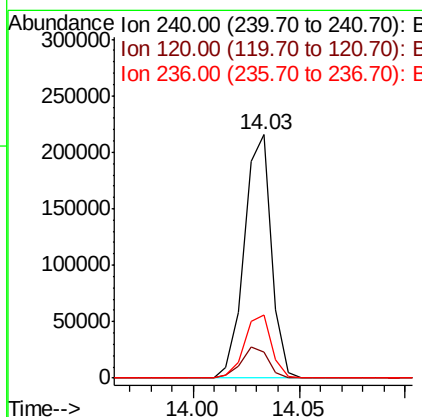
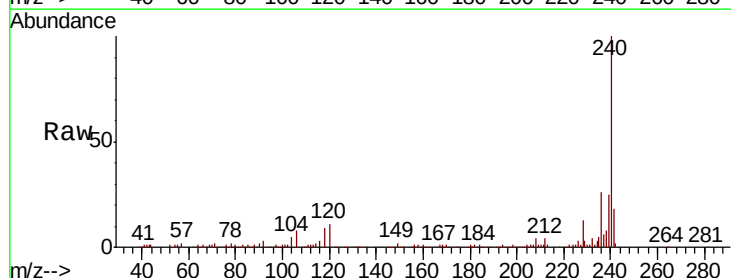
Instrument :
BNA_F
ClientSampleId :
PB122393BS

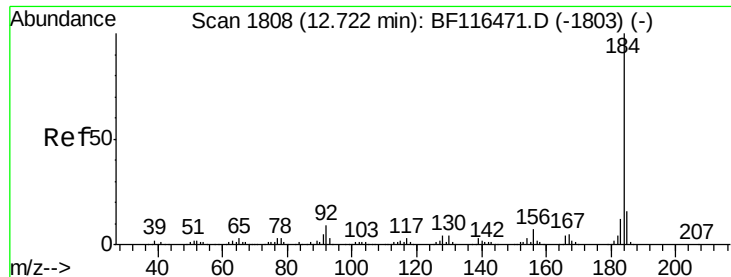
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.5
203	17.4	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.5	15.7
236	25.9	20.2	30.2





#77

Benzidine

Concen: 37.749 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

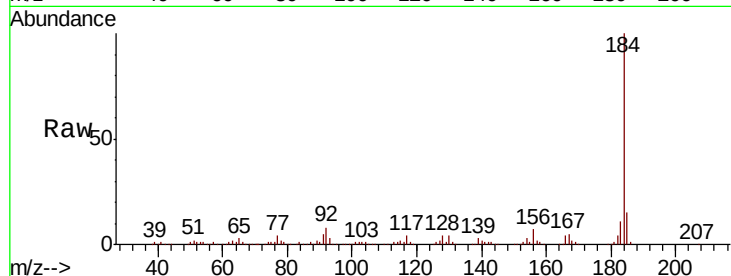
Tgt Ion:184 Resp: 290823

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.4

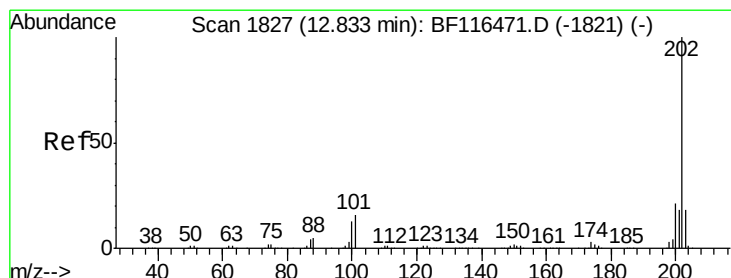
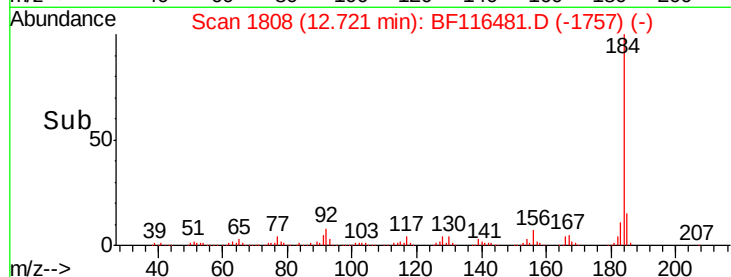
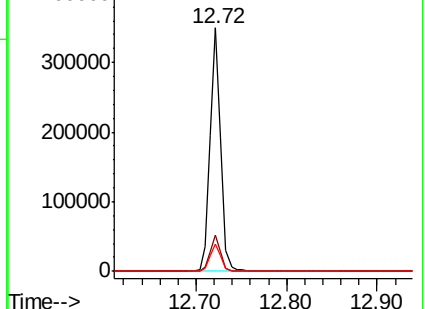
183 11.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.340 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

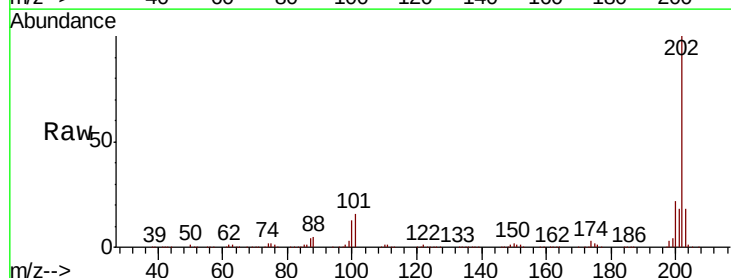
Tgt Ion:202 Resp: 709619

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

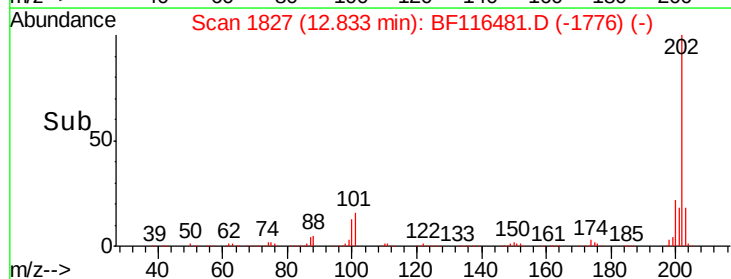
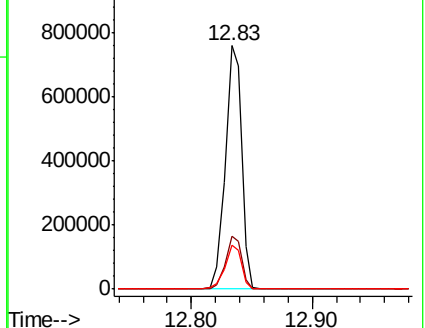
203 18.1 14.2 21.4

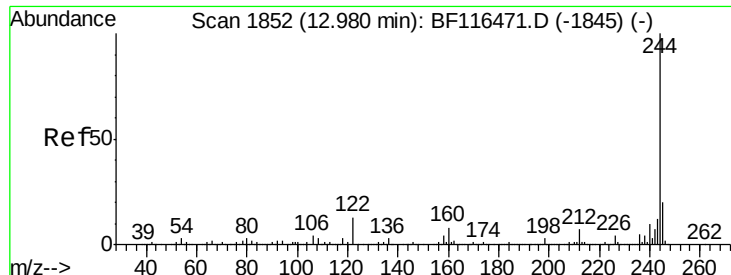


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.155 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

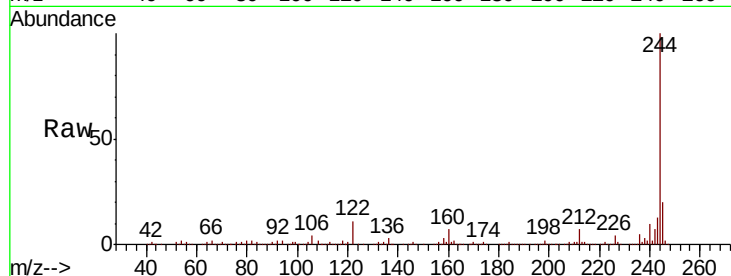
Tgt Ion:244 Resp: 749934

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

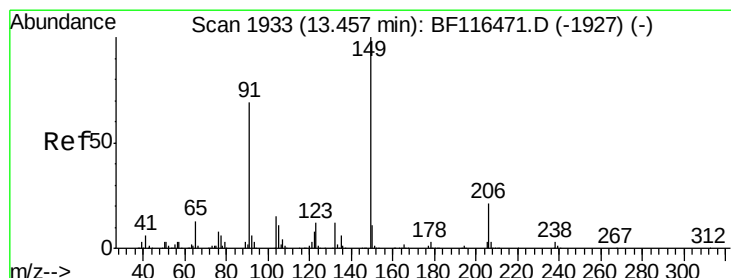
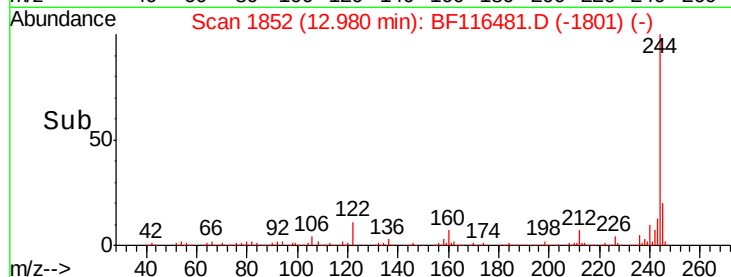
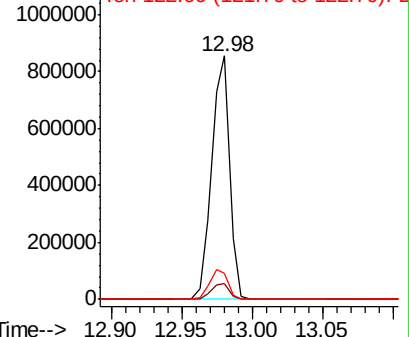
122 10.9 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.589 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

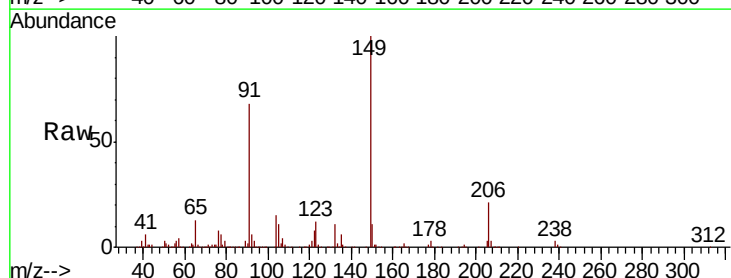
Tgt Ion:149 Resp: 288271

Ion Ratio Lower Upper

149 100

91 67.9 54.9 82.3

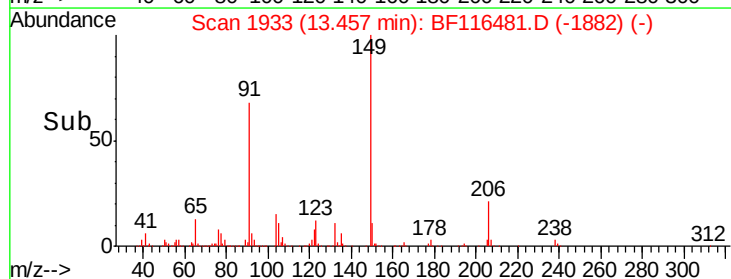
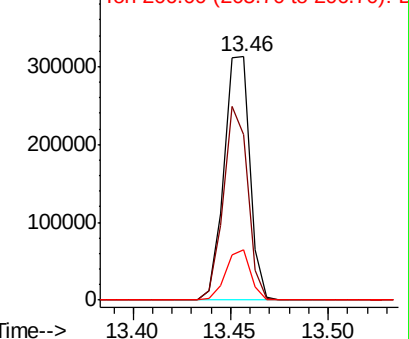
206 20.5 16.6 24.8

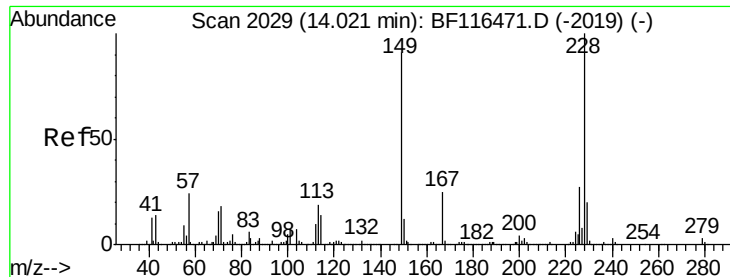


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.196 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

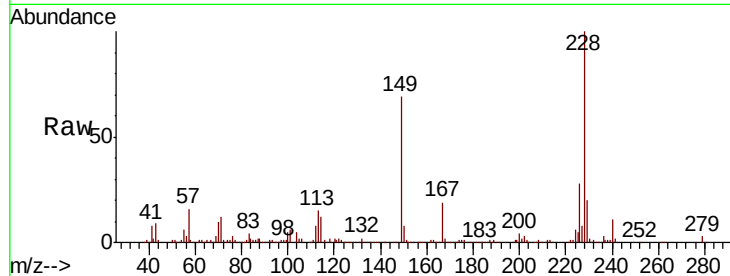
Tgt Ion: 228 Resp: 510899

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

229 19.9 15.9 23.9

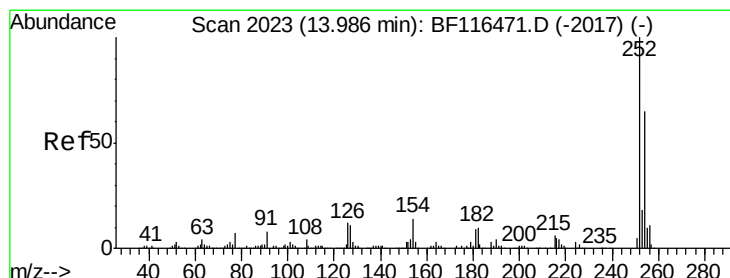
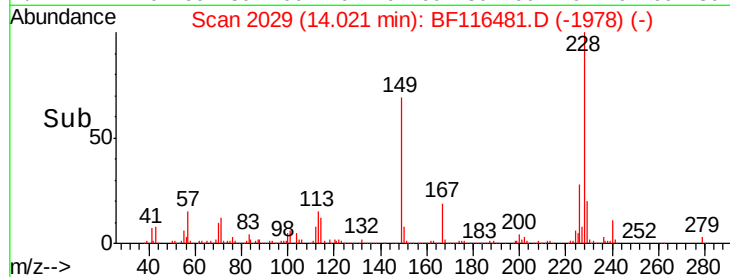
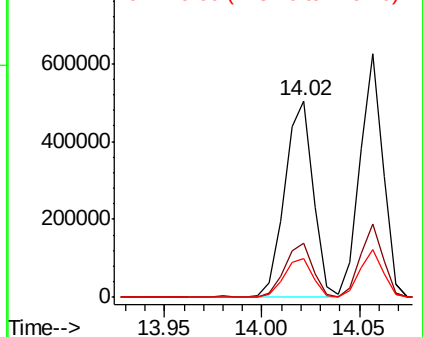


Abundance

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: 34.784 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

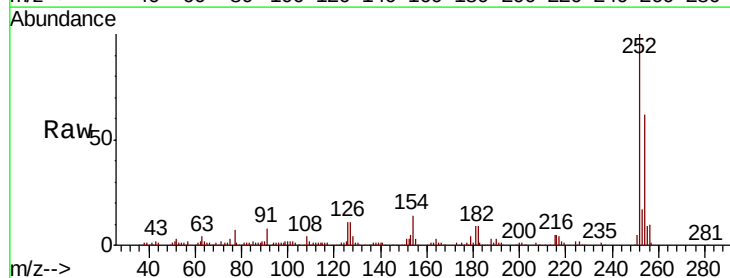
Tgt Ion: 252 Resp: 153730

Ion Ratio Lower Upper

252 100

254 61.9 51.9 77.9

126 11.4 9.4 14.0

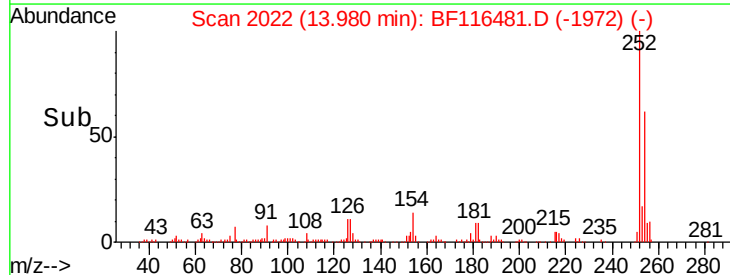
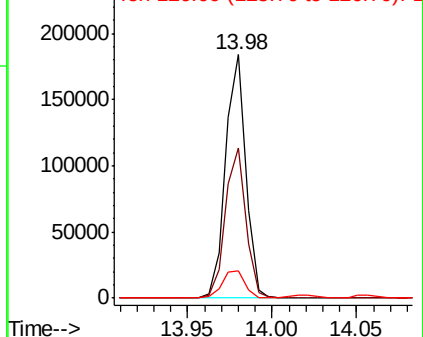


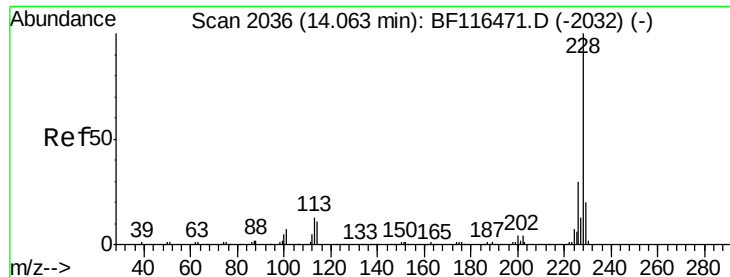
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.730 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

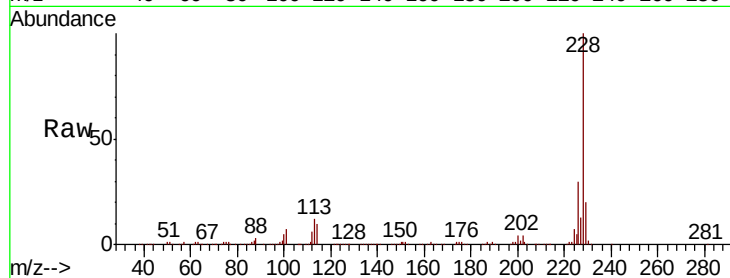
Tgt Ion:228 Resp: 511983

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

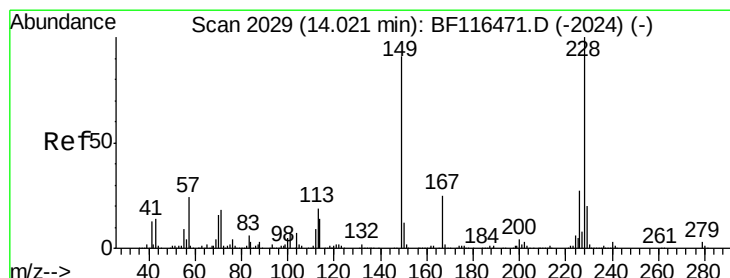
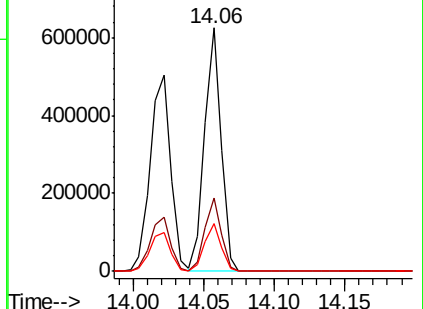
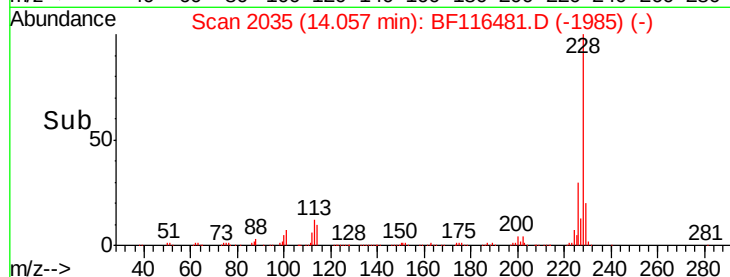
229 19.7 15.8 23.6



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: 43.098 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

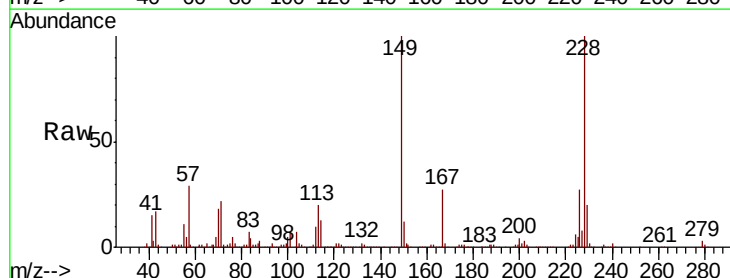
Tgt Ion:149 Resp: 380055

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

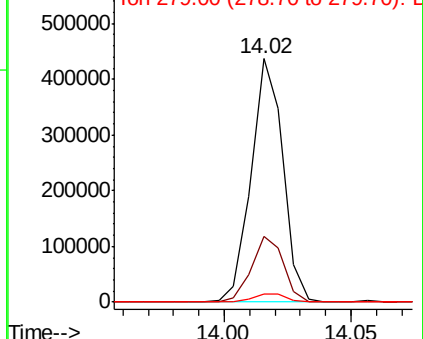
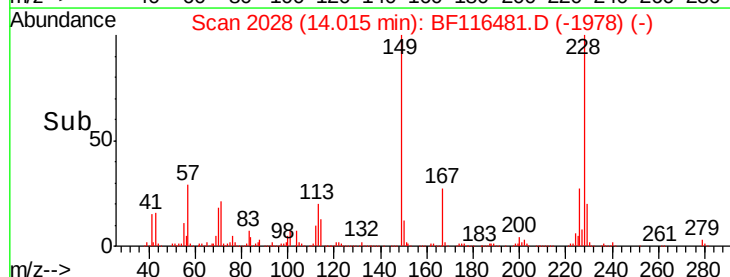
279 3.3 3.0 4.4

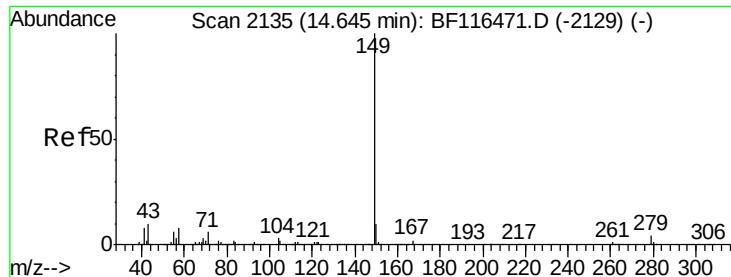


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.912 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

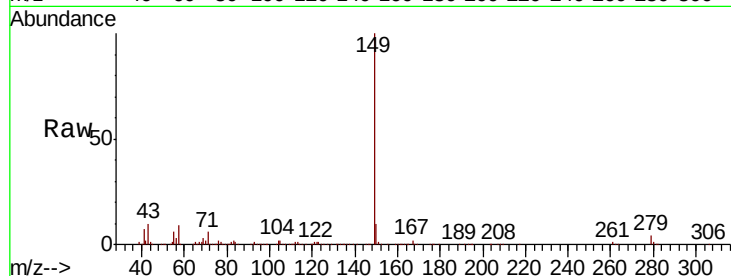
Tgt Ion:149 Resp: 627480

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

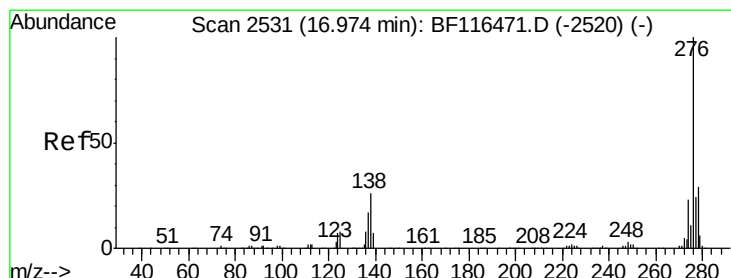
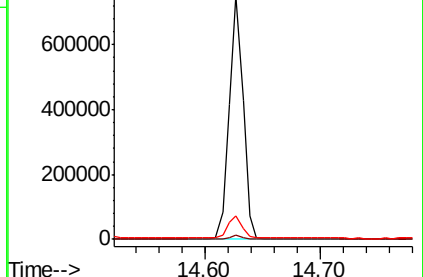
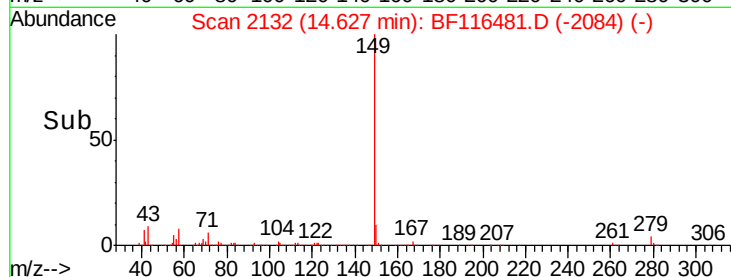
43 9.4 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.658 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

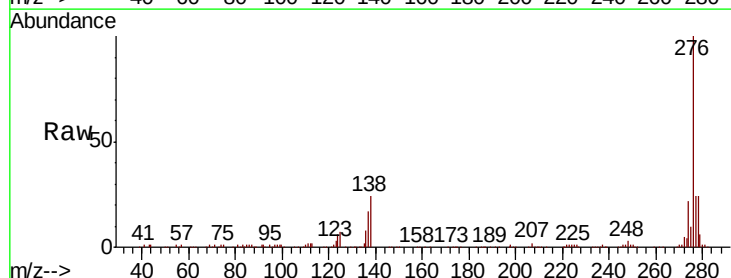
Tgt Ion:276 Resp: 545473

Ion Ratio Lower Upper

276 100

138 27.6 22.9 34.3

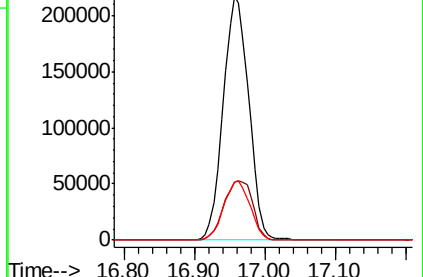
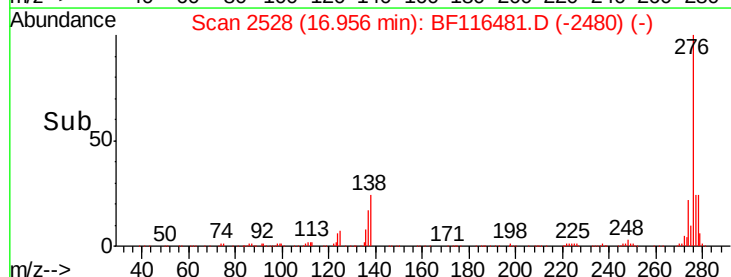
277 24.9 19.9 29.9

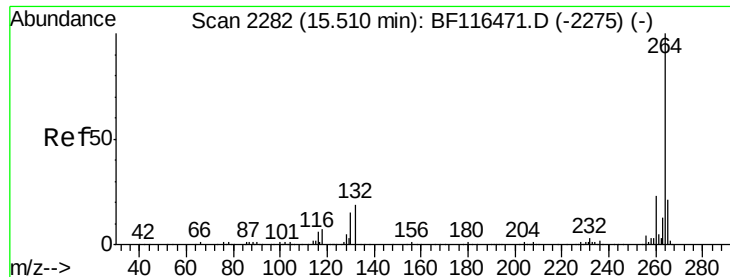


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



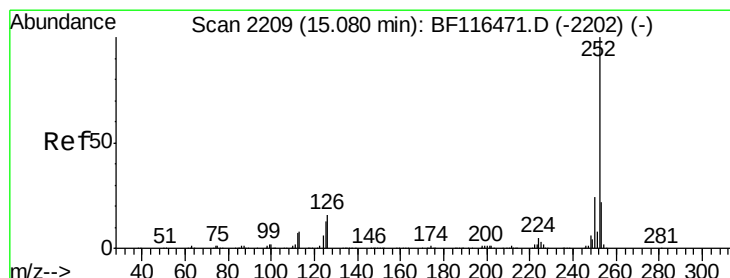
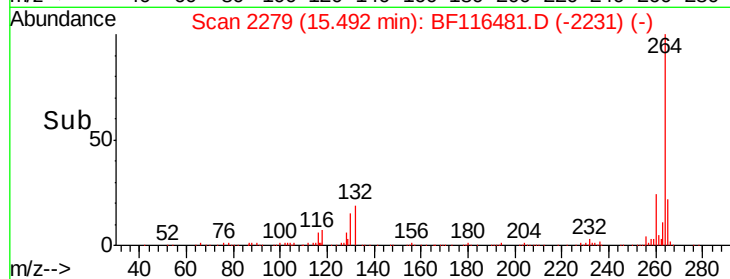
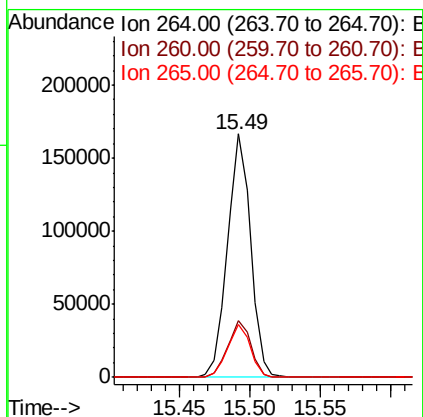
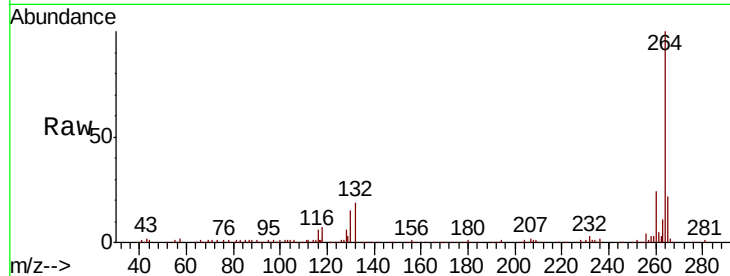


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Instrument :
BNA_F
ClientSampleId :
PB122393BS

Tgt Ion: 264 Resp: 190007

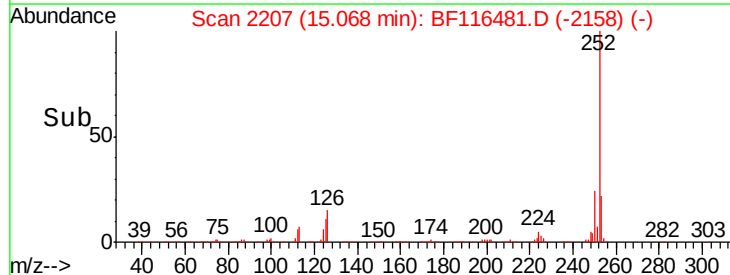
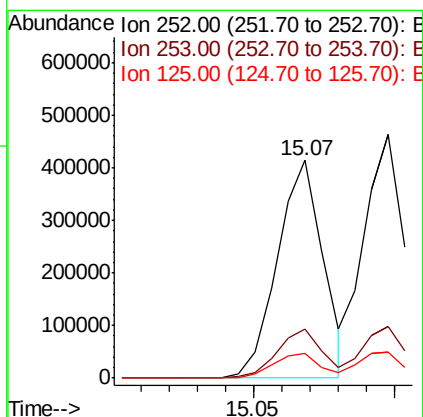
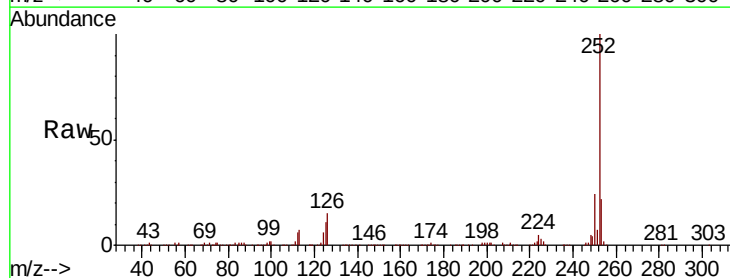
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.1	25.7

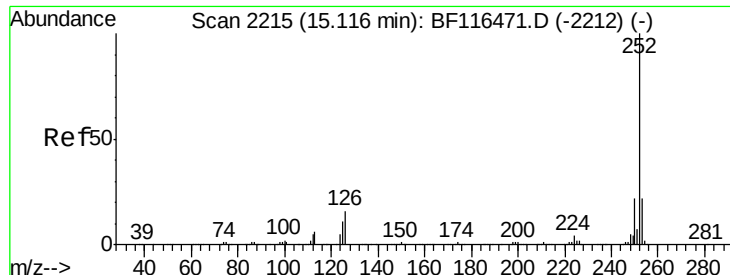


#88
Benzo(b)fluoranthene
Concen: 39.576 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion: 252 Resp: 464529

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.5	10.1	15.1

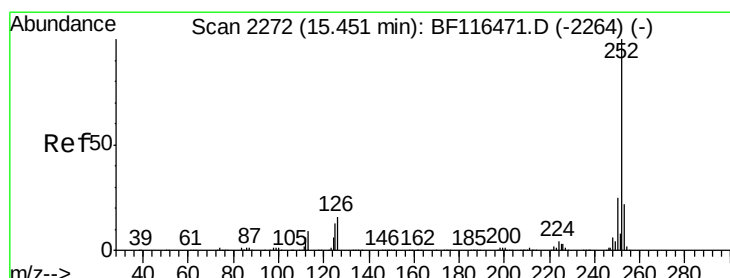
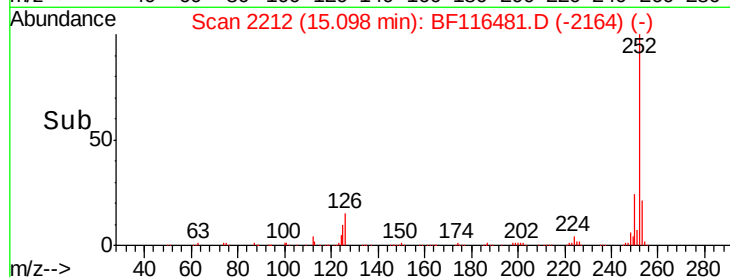
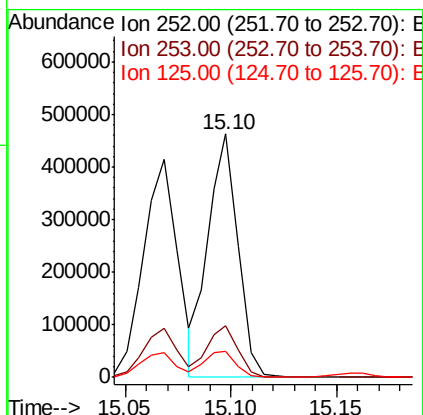
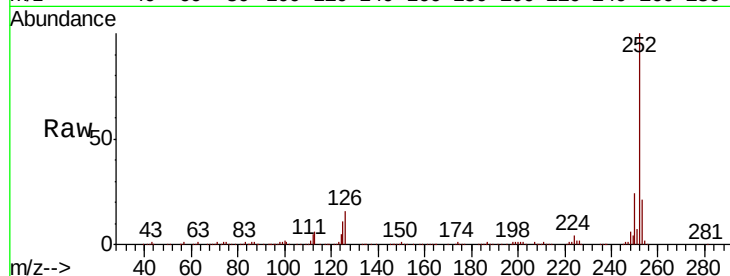




#89
Benzo(k)fluoranthene
Concen: 42.913 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

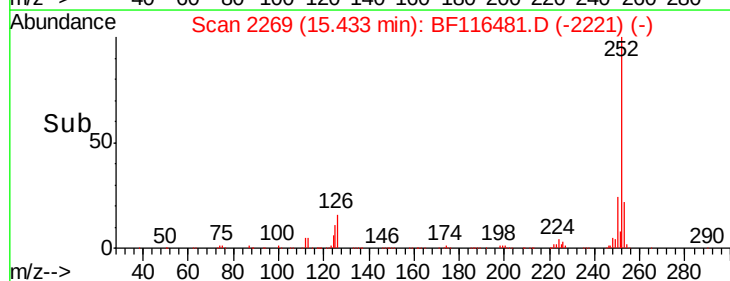
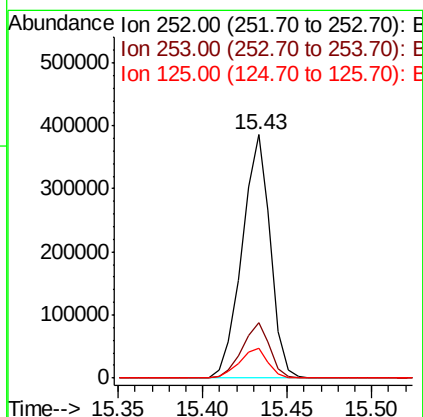
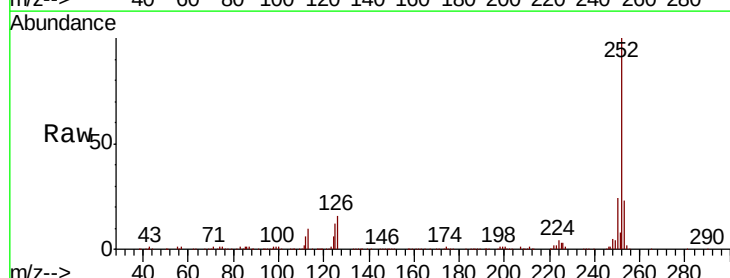
Instrument :
BNA_F
ClientSampleId :
PB122393BS

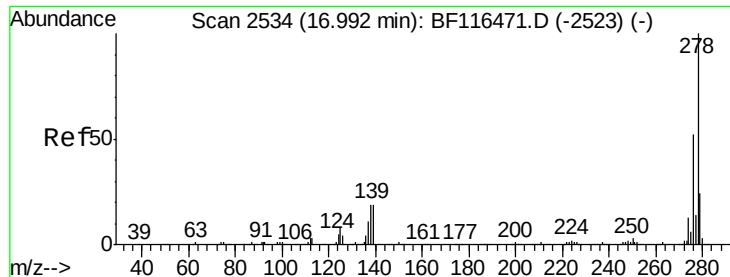
Tgt Ion: 252 Resp: 456323
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 10.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 43.513 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116481.D
Acq: 23 Aug 2019 17:06

Tgt Ion: 252 Resp: 451399
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 12.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 53.162 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

Instrument :

BNA_F

ClientSampleId :

PB122393BS

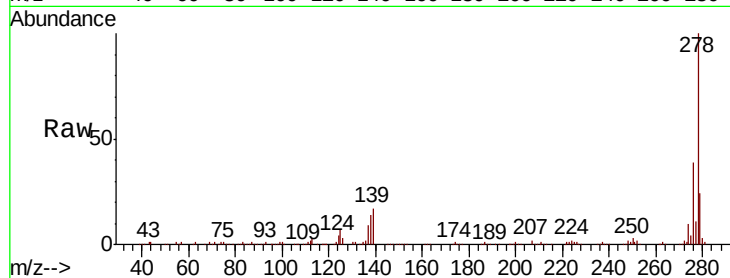
Tgt Ion: 278 Resp: 453173

Ion Ratio Lower Upper

278 100

139 17.3 15.3 22.9

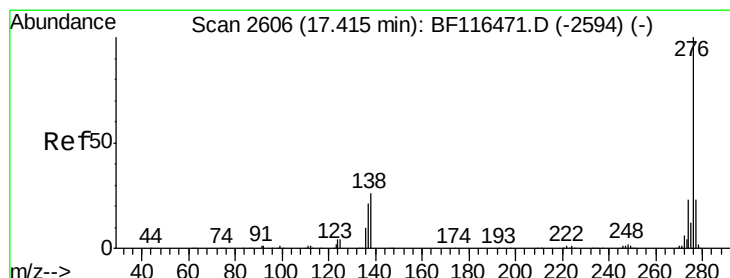
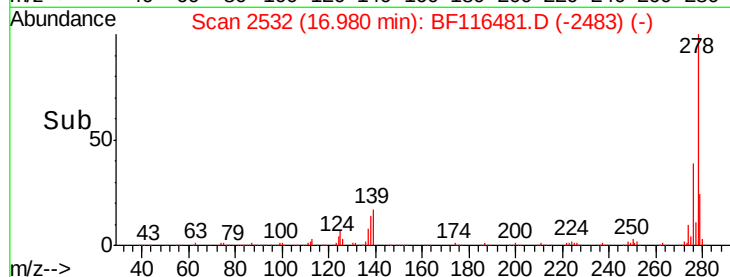
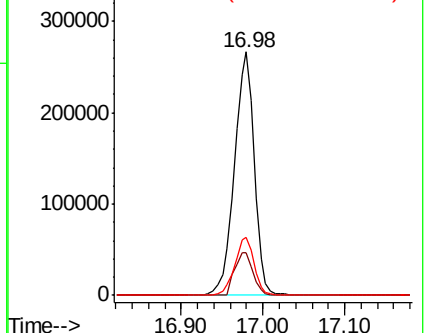
279 23.8 19.0 28.6



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: 57.248 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF116481.D

Acq: 23 Aug 2019 17:06

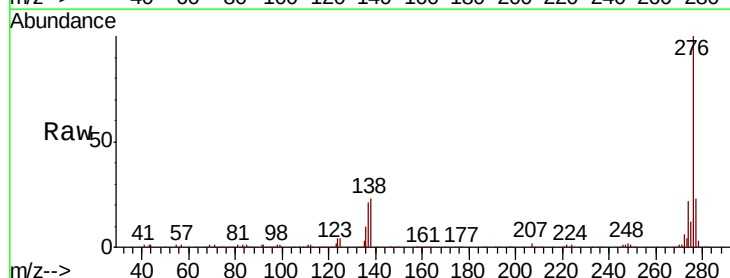
Tgt Ion: 276 Resp: 465236

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 23.3 20.8 31.2



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

