

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116483.D
 Acq On : 23 Aug 2019 18:01
 Operator : HP/JU
 Sample : PB122424BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Quant Time: Aug 24 03:33:26 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	6.88	152	103838	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	407282	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	192242	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	288193	20.00	ng	0.00
76) Chrysene-d12	14.03	240	180830	20.00	ng	0.00
87) Perylene-d12	15.49	264	194119	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	625068	87.96	ng	0.01
7) Phenol-d6	6.50	99	769761	88.34	ng	0.00
23) Nitrobenzene-d5	7.44	82	437065	58.71	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	152968	92.67	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	773955	64.83	ng	0.00
79) Terphenyl-d14	12.97	244	630692	65.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	118380	38.473	ng	98
3) Pyridine	3.49	79	286453	30.571	ng	98
4) n-Nitrosodimethylamine	3.43	42	124069	36.271	ng	97
6) Aniline	6.55	93	336247	28.503	ng	100
8) 2-Chlorophenol	6.67	128	270549	36.278	ng	99
9) Benzaldehyde	6.43	77	218853	37.590	ng	99
10) Phenol	6.52	94	343686	36.321	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	262487	36.433	ng	99
12) 1,3-Dichlorobenzene	6.83	146	295764	36.641	ng	96
13) 1,4-Dichlorobenzene	6.90	146	302653	38.957	ng	98
14) 1,2-Dichlorobenzene	7.06	146	278157	37.954	ng	99
15) Benzyl Alcohol	7.02	79	243112	34.475	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	340511	34.182	ng	99
17) 2-Methylphenol	7.13	107	218734	35.400	ng	99
18) Hexachloroethane	7.40	117	111134	36.679	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	196298	33.014	ng	96
20) 3+4-Methylphenols	7.28	107	269929	35.661	ng	# 88
22) Acetophenone	7.29	105	380826	37.393	ng	# 98
24) Nitrobenzene	7.46	77	291475	37.808	ng	97
25) Isophorone	7.70	82	513870	35.028	ng	99
26) 2-Nitrophenol	7.77	139	127263	45.192	ng	97
27) 2,4-Dimethylphenol	7.81	122	228125	38.825	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	313151	34.565	ng	99
29) 2,4-Dichlorophenol	8.02	162	205310	36.742	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	245384	39.008	ng	97
31) Naphthalene	8.19	128	764928	38.824	ng	99
32) Benzoic acid	7.90	122	131995	35.139	ng	97
33) 4-Chloroaniline	8.23	127	167631	19.381	ng	97
34) Hexachlorobutadiene	8.31	225	134155	39.104	ng	99
35) Caprolactam	8.57	113	55930	28.735	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	212064	33.635	ng	97
37) 2-Methylnaphthalene	8.87	142	496574	36.707	ng	99
38) 1-Methylnaphthalene	8.97	142	459091	36.329	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	208233	40.260	ng	99

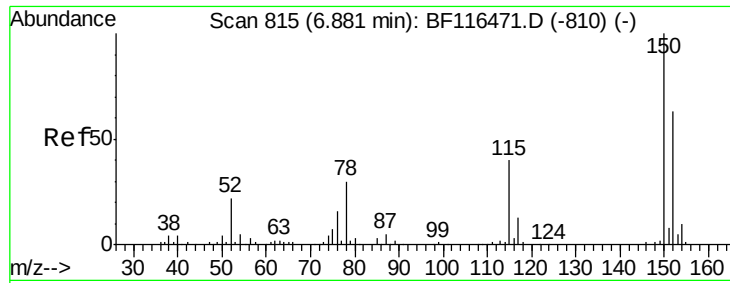
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	246123	88.445	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	136252	37.640	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	137805	37.414	ng	98
46) 1,1'-Biphenyl	9.34	154	588792	38.308	ng	98
47) 2-Chloronaphthalene	9.36	162	447983	37.596	ng	98
48) 2-Nitroaniline	9.45	65	122034	33.449	ng	95
49) Acenaphthylene	9.77	152	672537	38.578	ng	100
50) Dimethylphthalate	9.63	163	465690	34.720	ng	99
51) 2,6-Dinitrotoluene	9.69	165	102245	37.242	ng	94
52) Acenaphthene	9.95	154	445319	39.809	ng	97
53) 3-Nitroaniline	9.85	138	68473	20.924	ng	99
54) 2,4-Dinitrophenol	9.96	184	63300	61.108	ng	# 24
55) Dibenzofuran	10.12	168	587749	37.692	ng	100
56) 4-Nitrophenol	10.00	139	160092	62.939	ng	100
57) 2,4-Dinitrotoluene	10.09	165	126631	36.249	ng	# 87
58) Fluorene	10.46	166	435820	35.973	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	110354	36.489	ng	98
60) Diethylphthalate	10.33	149	444749	33.737	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	214568	36.304	ng	95
62) 4-Nitroaniline	10.46	138	95217	29.750	ng	94
63) Azobenzene	10.62	77	487973	36.000	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	46683	40.744	ng	86
66) n-Nitrosodiphenylamine	10.57	169	387363	41.511	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	122570	40.568	ng	98
68) Hexachlorobenzene	11.01	284	128996	38.601	ng	# 89
69) Atrazine	11.09	200	103681	37.083	ng	100
70) Pentachlorophenol	11.20	266	146365	75.070	ng	99
71) Phenanthrene	11.42	178	617440	39.328	ng	99
72) Anthracene	11.47	178	632252	40.077	ng	99
73) Carbazole	11.62	167	526630	37.189	ng	97
74) Di-n-butylphthalate	11.96	149	655259	37.342	ng	99
75) Fluoranthene	12.60	202	590114	36.357	ng	98
77) Benzidine	12.72	184	247217	33.980	ng	98
78) Pyrene	12.83	202	587952	40.657	ng	99
80) Butylbenzylphthalate	13.45	149	242773	38.873	ng	89
81) Benzo(a)anthracene	14.02	228	459140	39.203	ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	131343	31.470	ng	100
83) Chrysene	14.06	228	456297	38.439	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	338807	40.684	ng	99
85) Di-n-octyl phthalate	14.63	149	581312	41.116	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	531240	52.244	ng	99
88) Benzo(b)fluoranthene	15.06	252	450034	37.529	ng	98
89) Benzo(k)fluoranthene	15.10	252	419960	38.656	ng	99
90) Benzo(a)pyrene	15.43	252	428579	40.438	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	442190	50.775	ng	99
92) Benzo(g,h,i)perylene	17.40	276	453730	54.650	ng	99

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

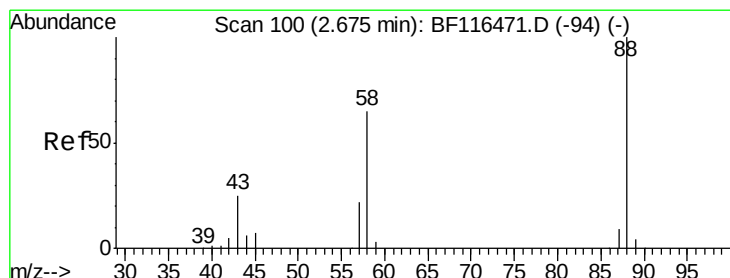
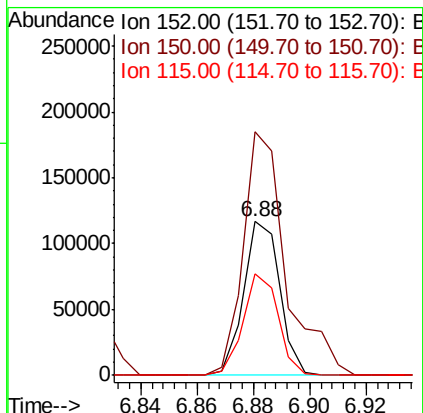
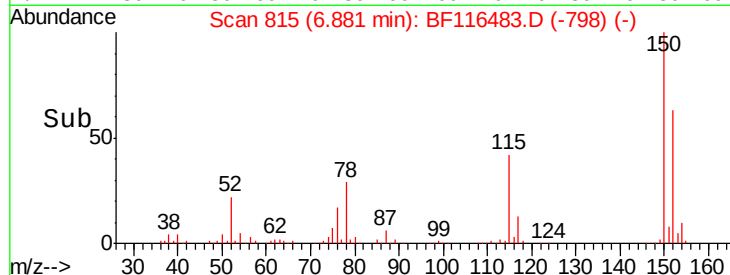
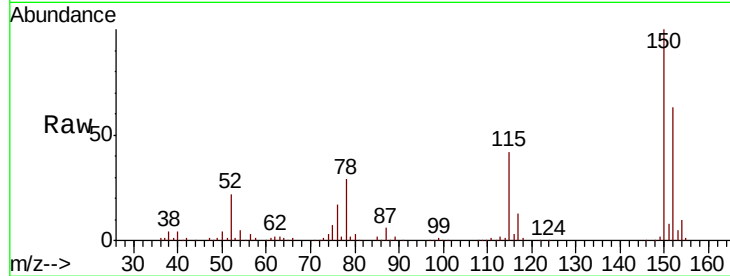


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

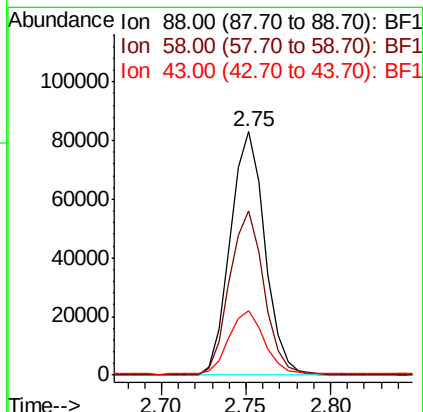
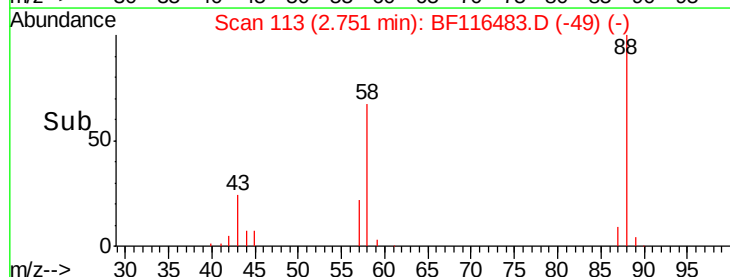
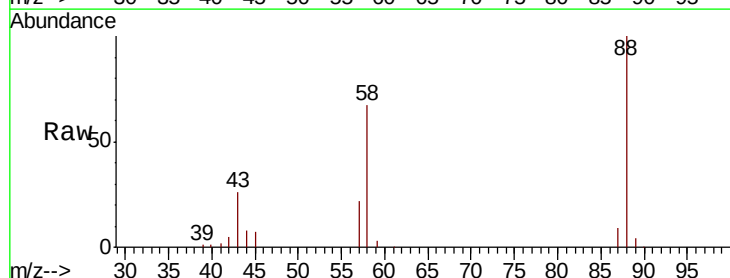
Tgt Ion:152 Resp: 103838
Ion Ratio Lower Upper
152 100
150 158.7 126.7 190.1
115 66.2 50.9 76.3

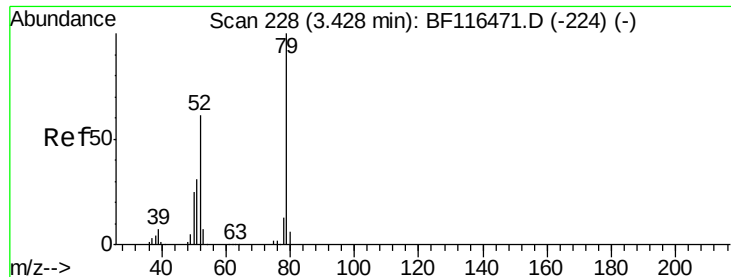


#2

1,4-Dioxane
Concen: 38.473 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 88 Resp: 118380
Ion Ratio Lower Upper
88 100
58 67.4 53.4 80.0
43 28.5 21.2 31.8





#3

Pyridine

Concen: 30.571 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

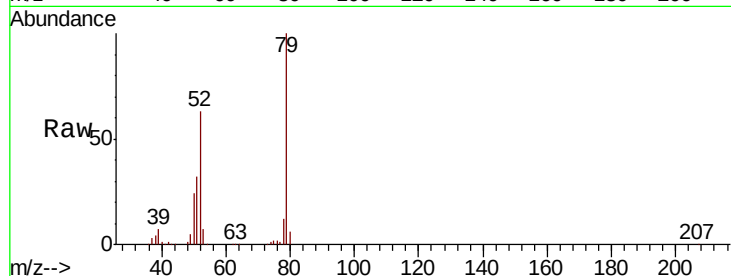
Tgt Ion: 79 Resp: 286453

Ion Ratio Lower Upper

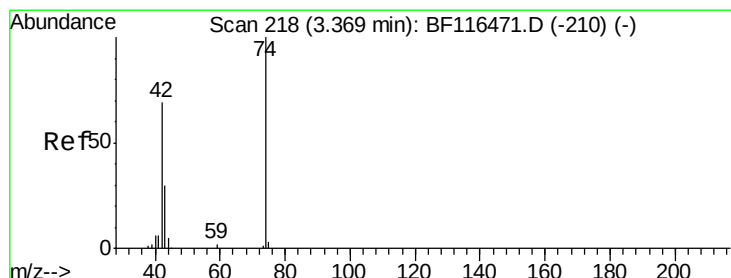
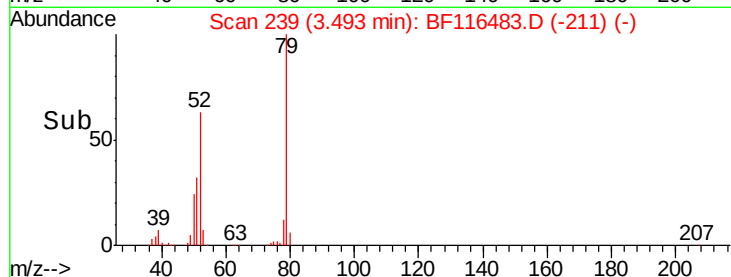
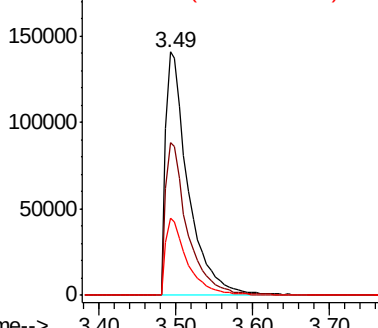
79 100

52 62.9 48.8 73.2

51 31.7 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: 36.271 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.06 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

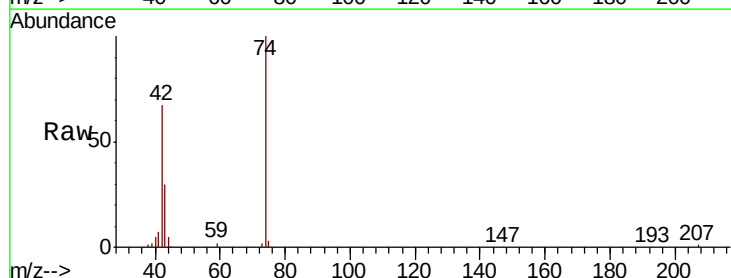
Tgt Ion: 42 Resp: 124069

Ion Ratio Lower Upper

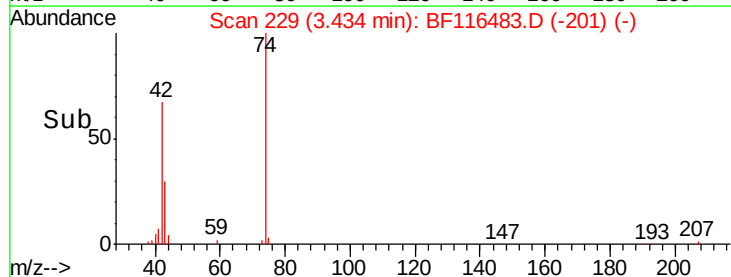
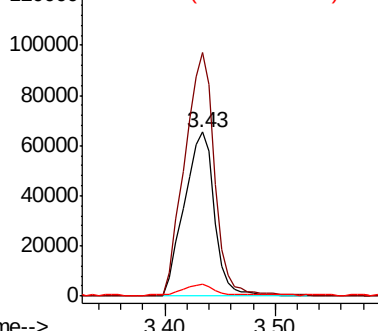
42 100

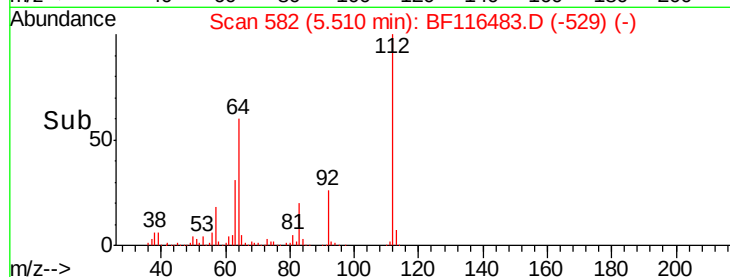
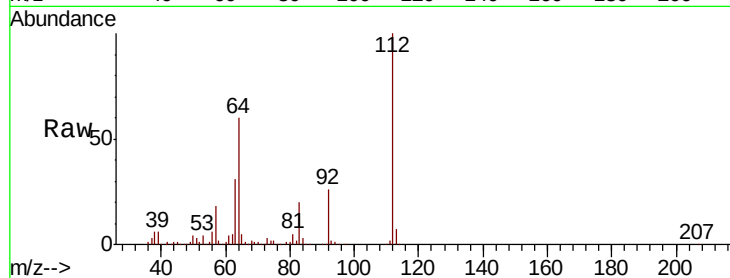
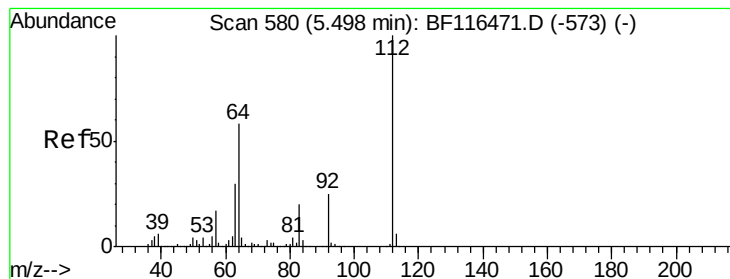
74 148.3 115.3 172.9

44 6.9 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: 87.956 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

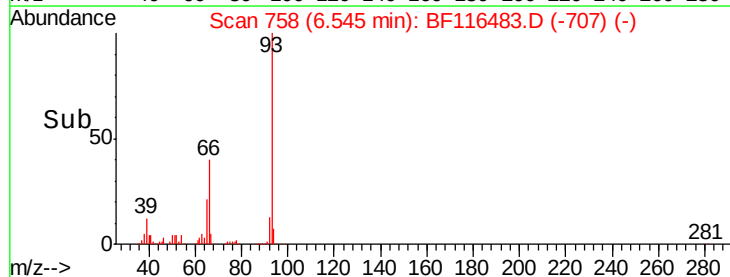
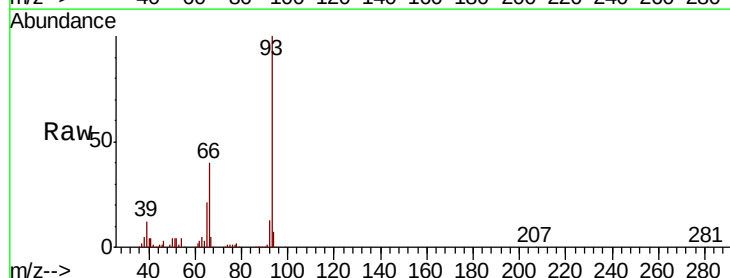
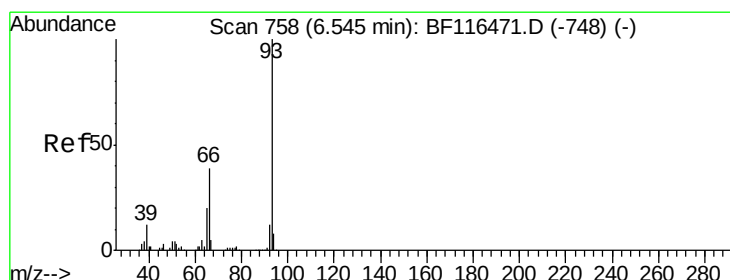
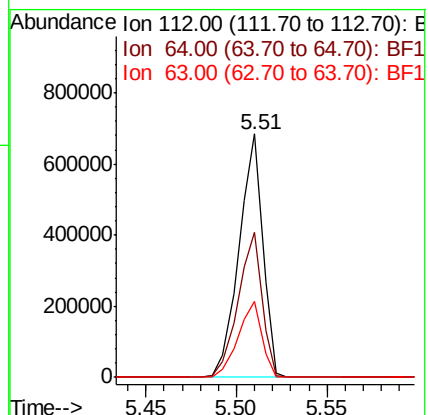
Tgt Ion: 112 Resp: 625068

Ion Ratio Lower Upper

112 100

64 59.5 46.3 69.5

63 31.4 24.2 36.4



#6

Aniline

Concen: 28.503 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

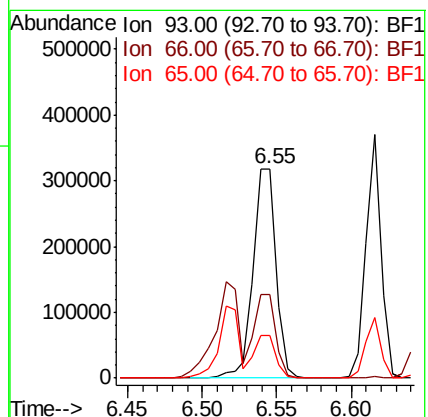
Tgt Ion: 93 Resp: 336247

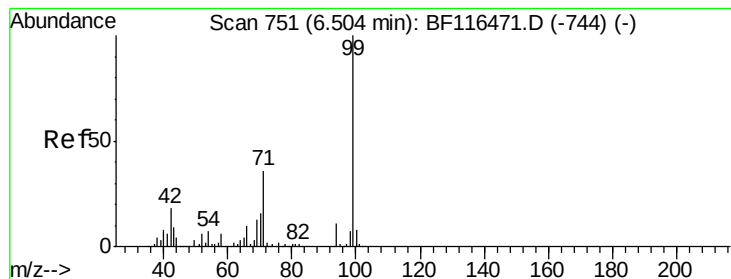
Ion Ratio Lower Upper

93 100

66 40.0 32.2 48.2

65 20.6 16.3 24.5





#7

Phenol-d6

Concen: 88.339 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

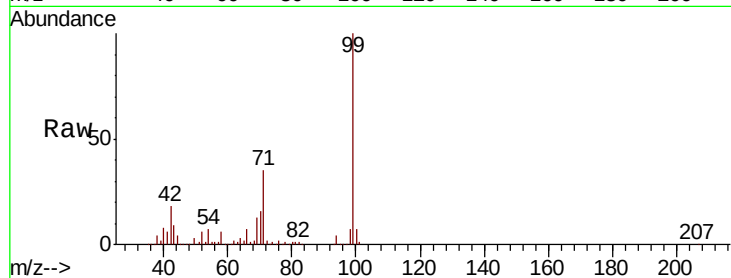
Tgt Ion: 99 Resp: 769761

Ion Ratio Lower Upper

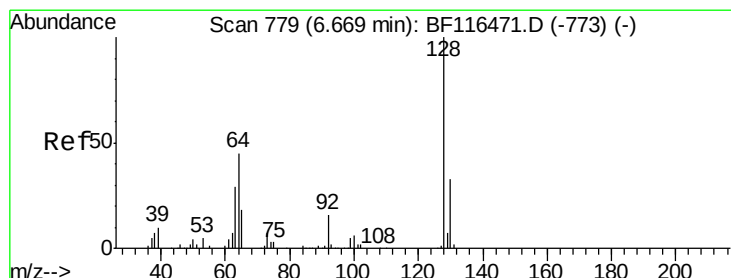
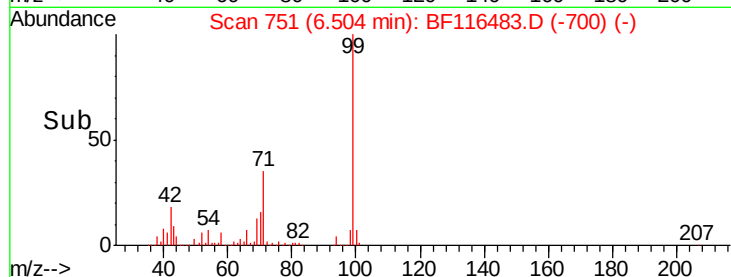
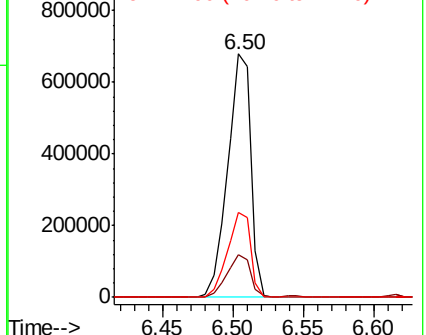
99 100

42 17.6 14.6 21.8

71 34.9 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: 36.278 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

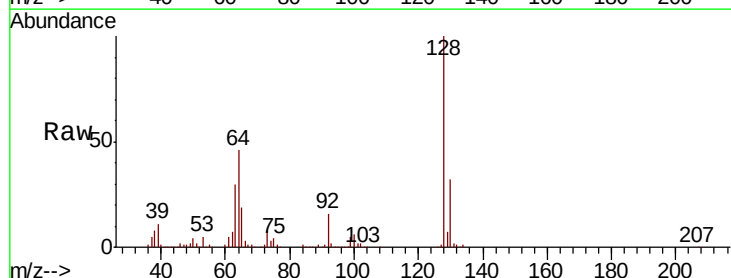
Tgt Ion: 128 Resp: 270549

Ion Ratio Lower Upper

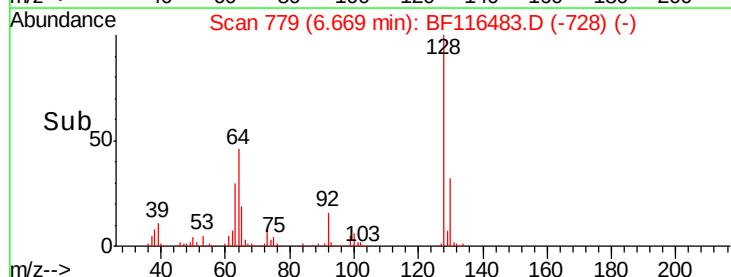
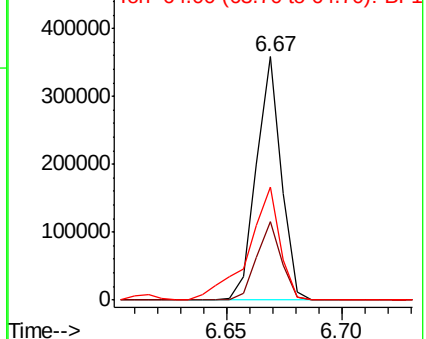
128 100

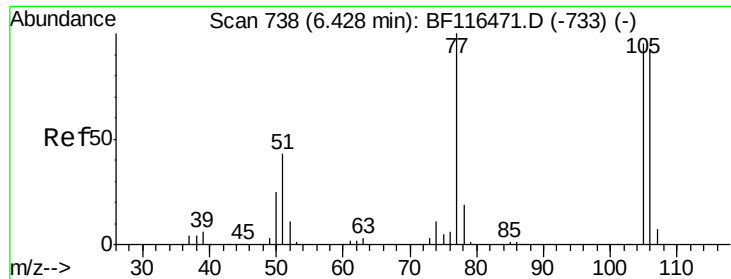
130 32.3 13.4 53.4

64 46.3 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

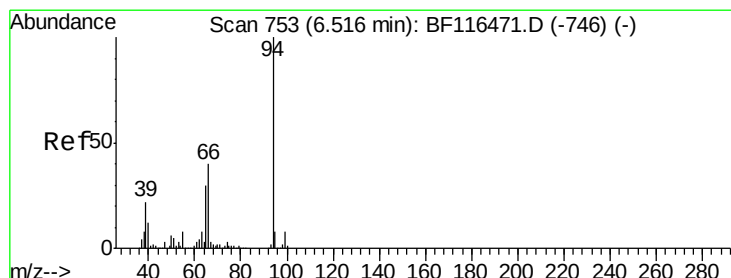
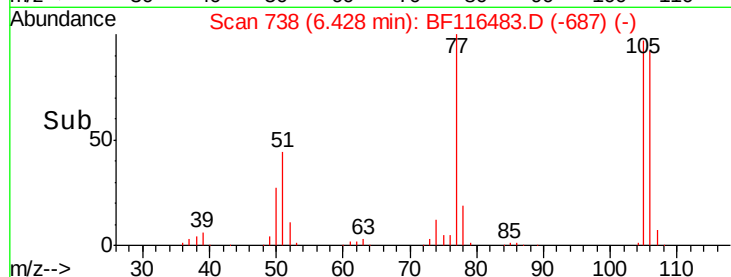
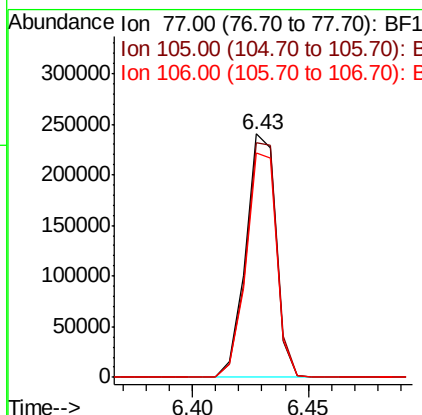
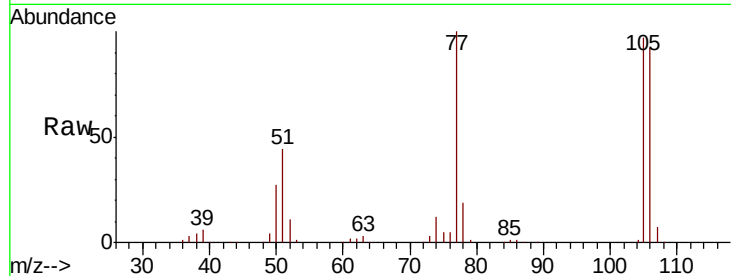




#9
Benzaldehyde
Concen: 37.590 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

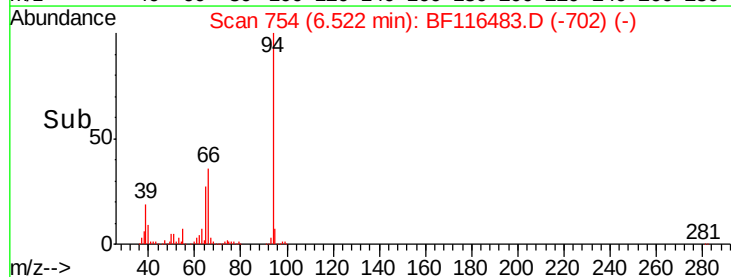
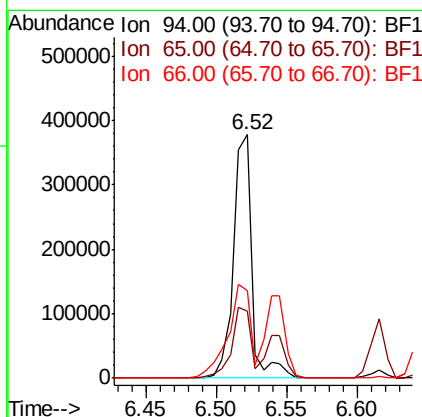
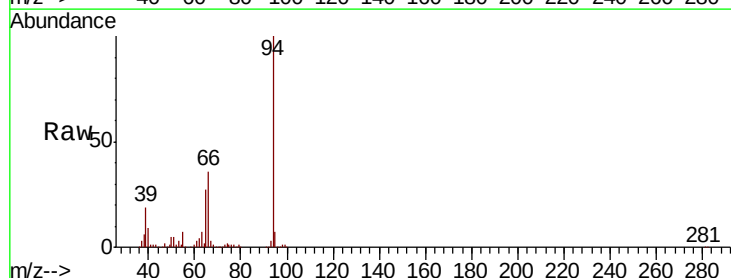
Instrument :
BNA_F
ClientSampleId :
PB122424BS

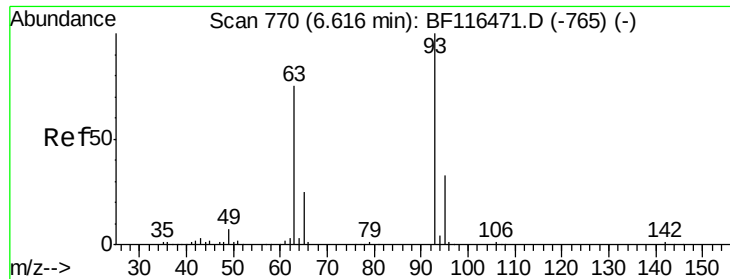
Tgt Ion: 77 Resp: 218853
Ion Ratio Lower Upper
77 100
105 96.5 75.5 115.5
106 92.1 73.2 113.2



#10
Phenol
Concen: 36.321 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 94 Resp: 343686
Ion Ratio Lower Upper
94 100
65 27.4 10.0 50.0
66 35.7 19.8 59.8

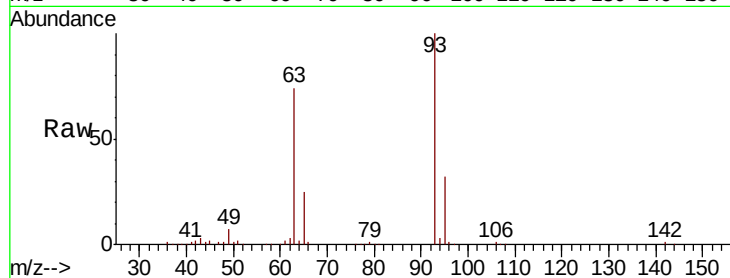




#11
bis(2-Chloroethyl)ether
Concen: 36.433 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.3	94.3
95	32.4	13.3	53.3

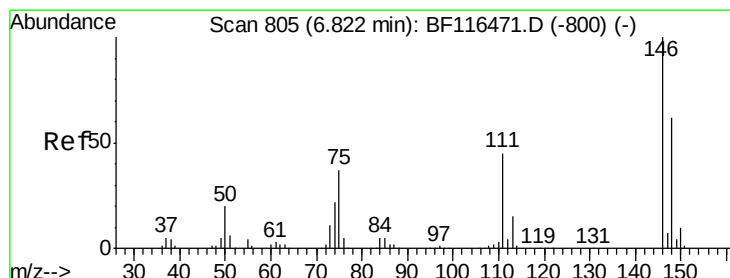
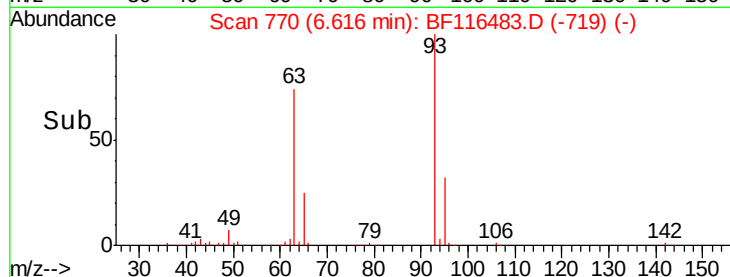
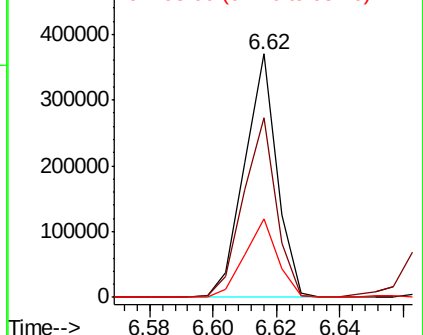


Abundance

Ion 93.00 (92.70 to 93.70): BF1

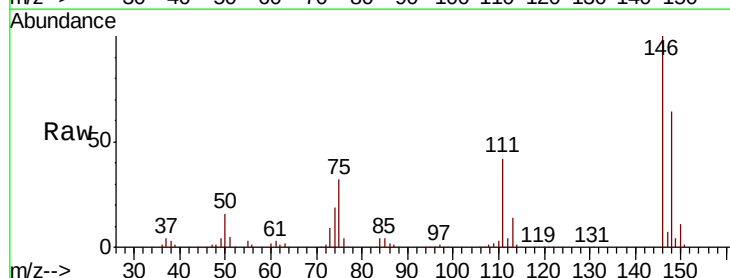
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 36.641 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.8
75	31.9	29.3	43.9

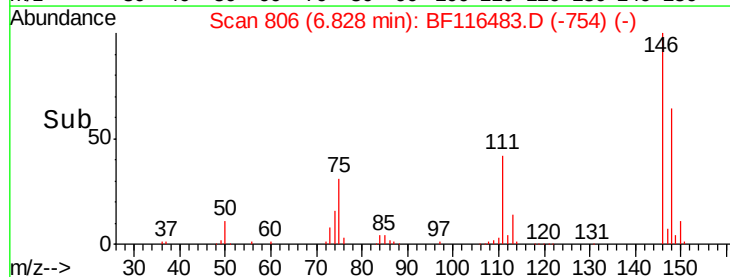
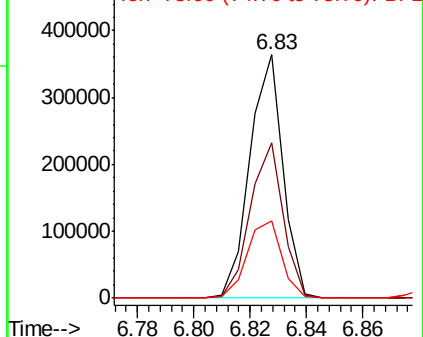


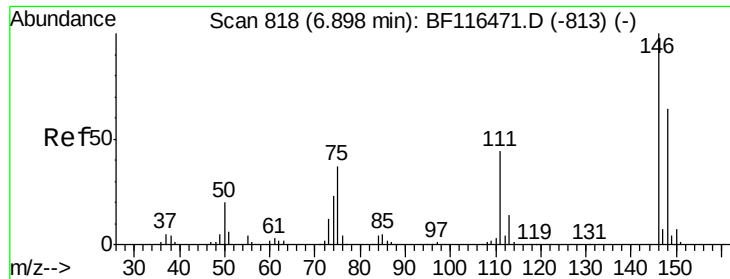
Abundance

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

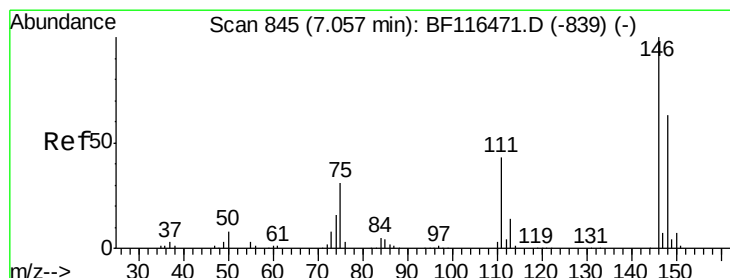
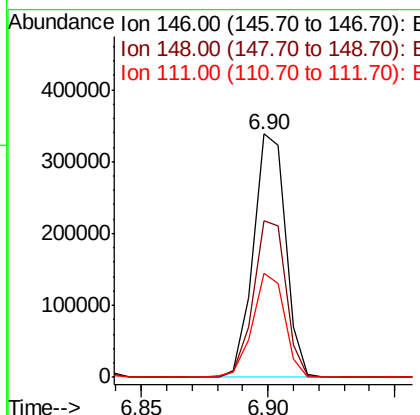
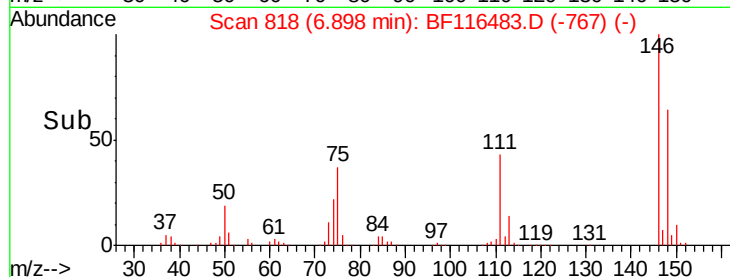
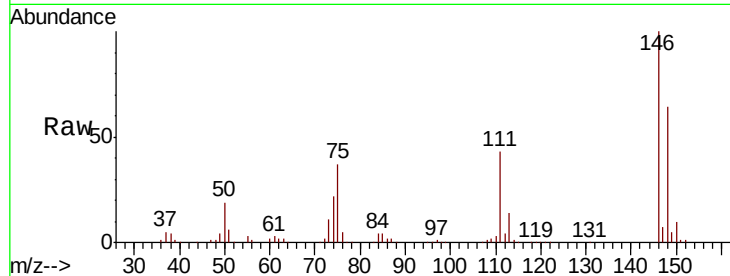




#13
 1,4-Dichlorobenzene
 Concen: 38.957 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

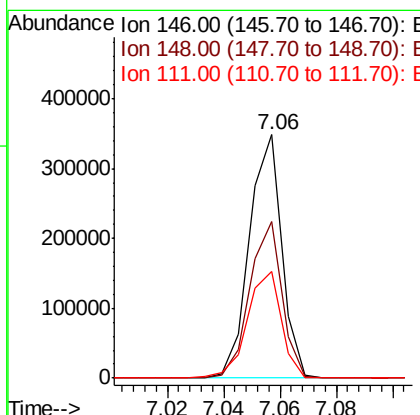
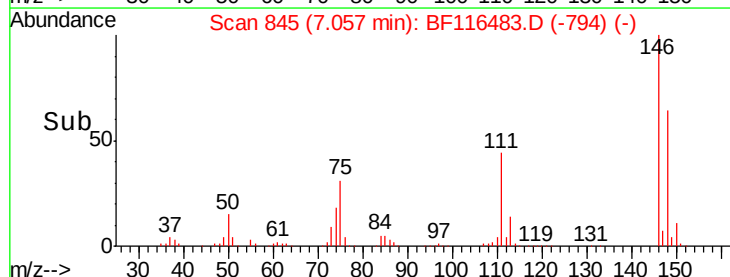
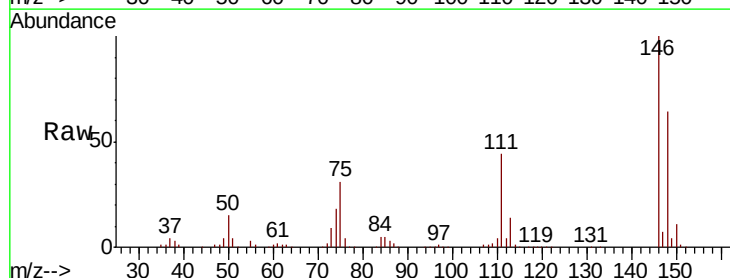
Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

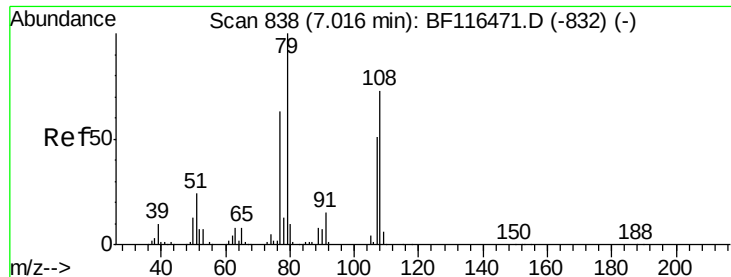
Tgt Ion:146 Resp: 302653
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.4
 111 42.6 35.4 53.2



#14
 1,2-Dichlorobenzene
 Concen: 37.954 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion:146 Resp: 278157
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 44.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 34.475 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

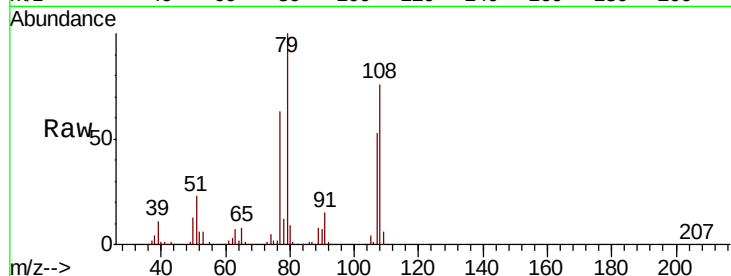
Tgt Ion: 79 Resp: 243112

Ion Ratio Lower Upper

79 100

108 75.6 58.1 87.1

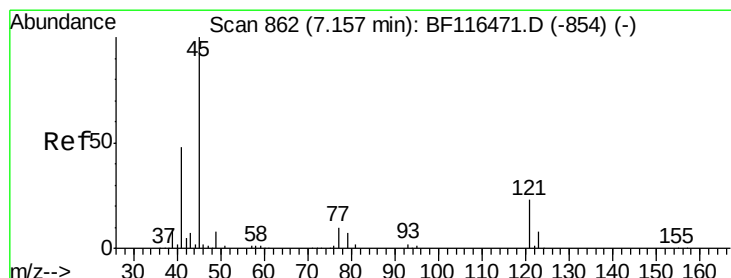
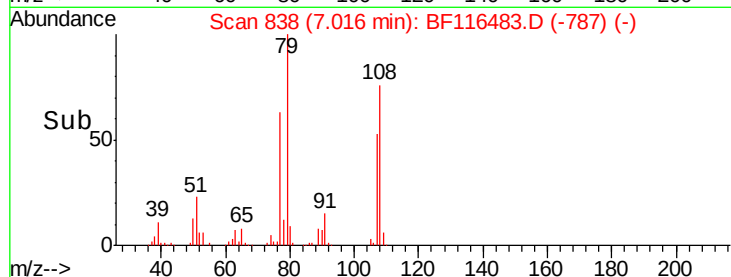
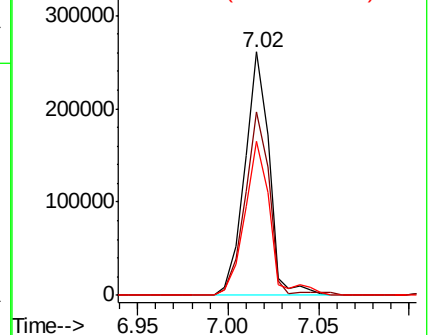
77 63.1 50.6 76.0



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: 34.182 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

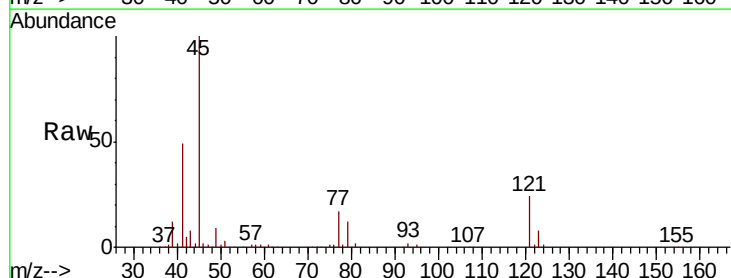
Tgt Ion: 45 Resp: 340511

Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.1

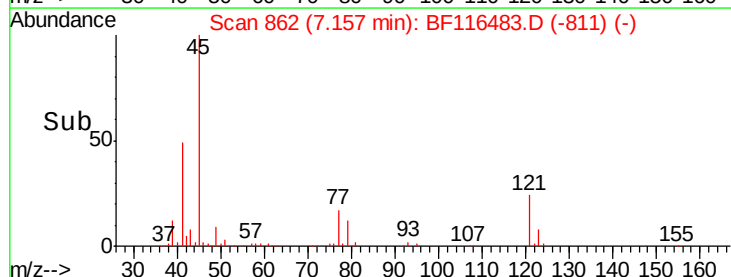
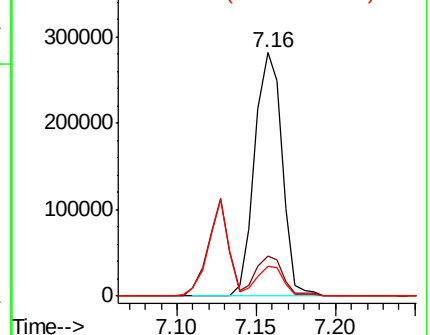
79 12.5 0.0 32.3

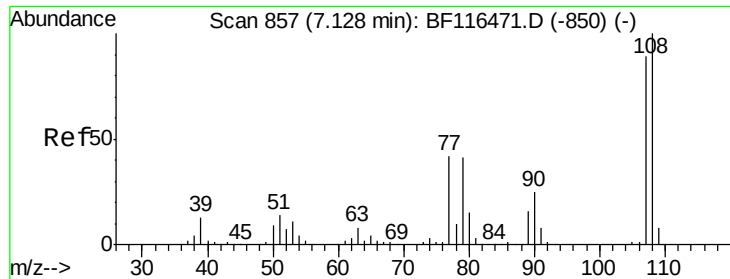


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

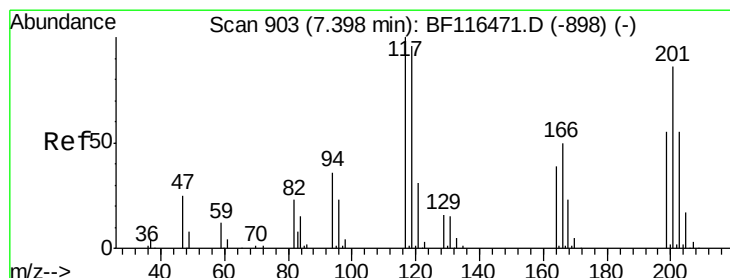
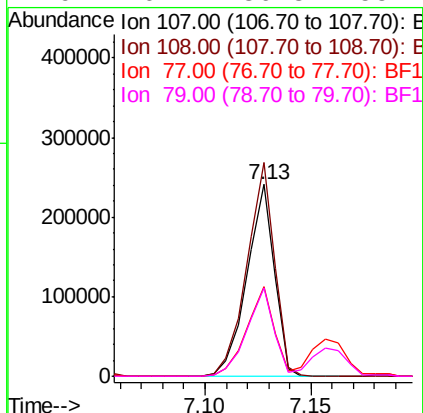
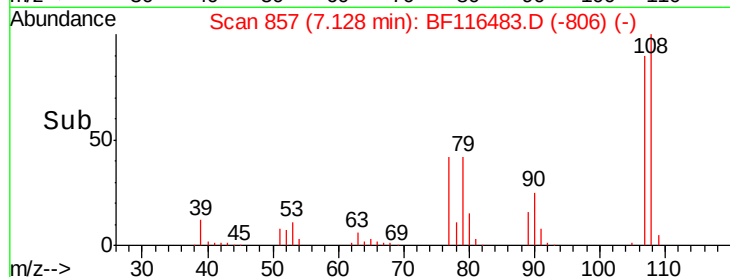
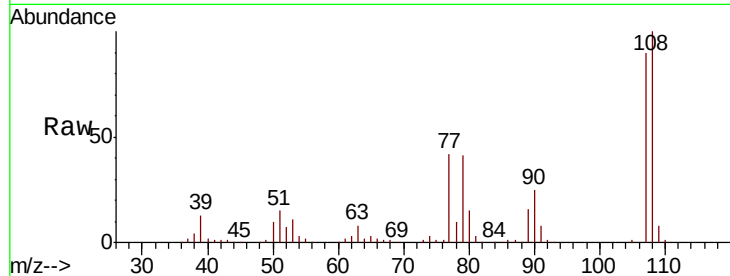




#17
2-Methylphenol
Concen: 35.400 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

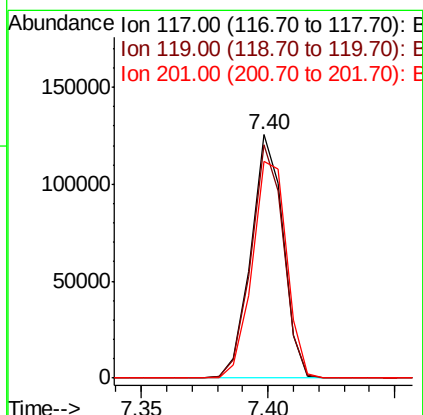
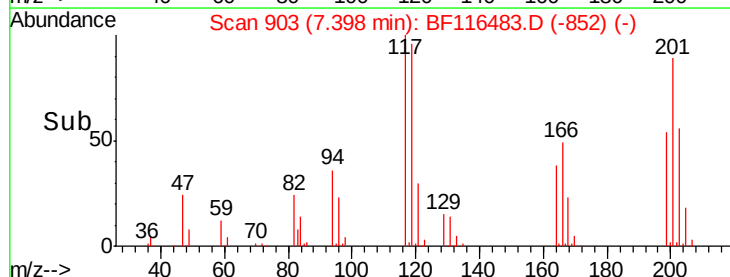
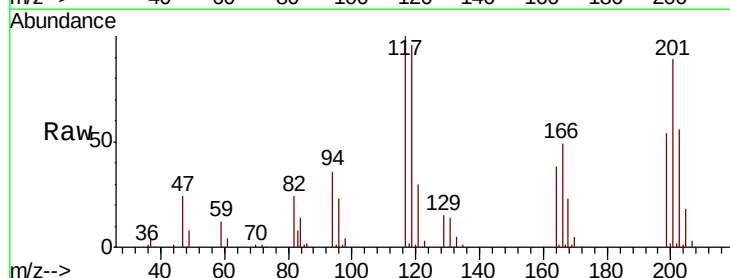
Instrument :
BNA_F
ClientSampleId :
PB122424BS

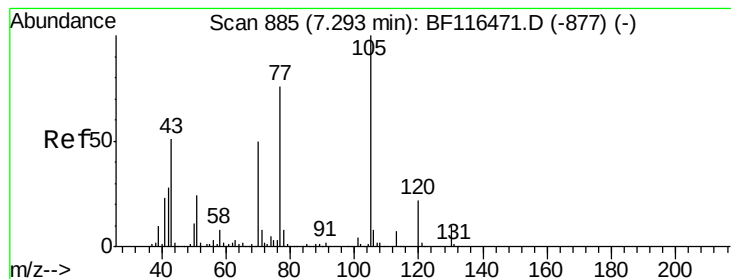
Tgt Ion:107 Resp: 218734
Ion Ratio Lower Upper
107 100
108 111.5 90.0 135.0
77 47.1 37.6 56.4
79 46.1 36.8 55.2



#18
Hexachloroethane
Concen: 36.679 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:117 Resp: 111134
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6
201 89.2 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.014 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

Tgt Ion: 70 Resp: 196298

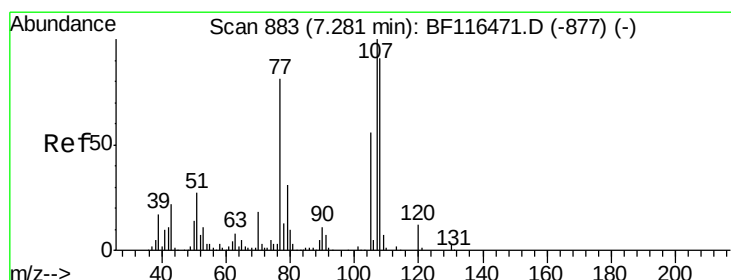
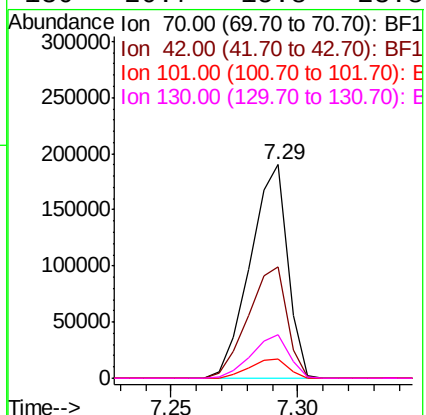
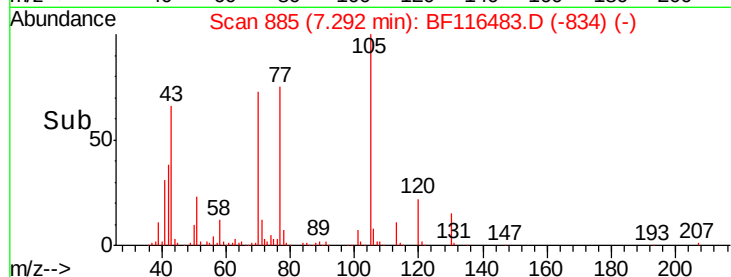
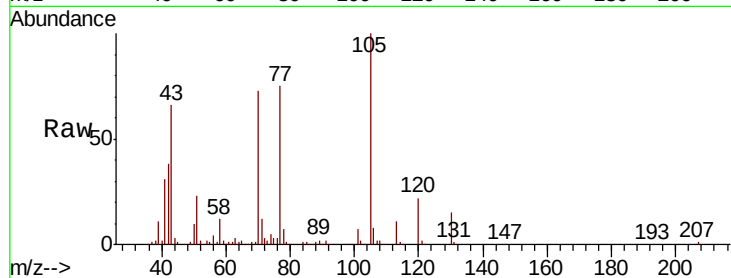
Ion Ratio Lower Upper

70 100

42 52.0 44.4 66.6

101 9.3 7.1 10.7

130 20.7 15.8 23.8



#20

3+4-Methylphenols

Concen: 35.661 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion: 107 Resp: 269929

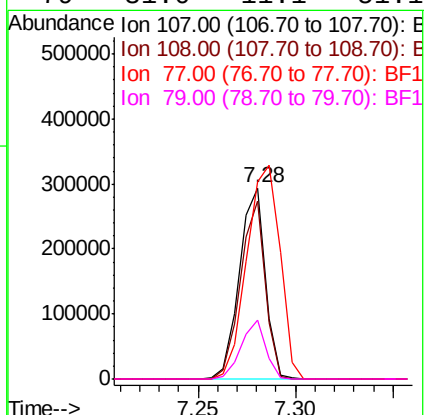
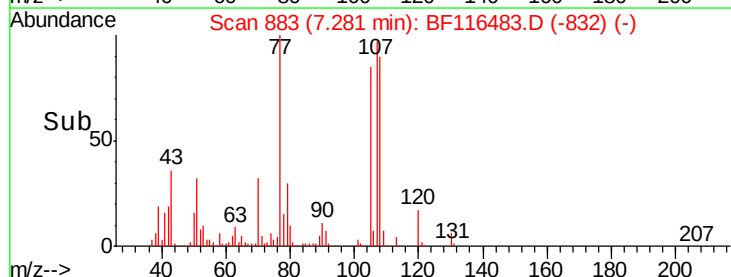
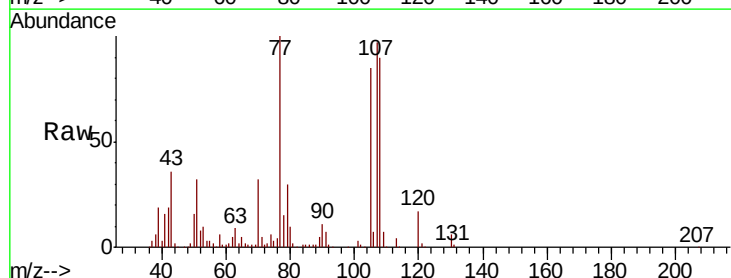
Ion Ratio Lower Upper

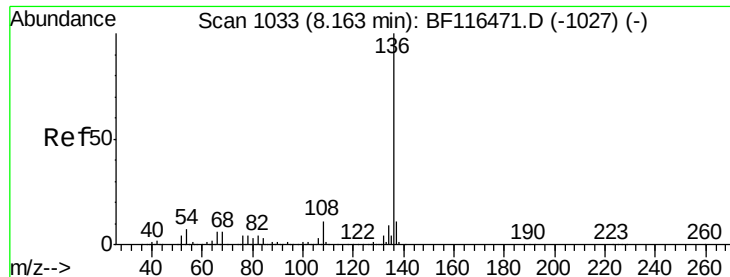
107 100

108 93.5 70.7 110.7

77 103.5 60.6 100.6#

79 31.0 11.1 51.1

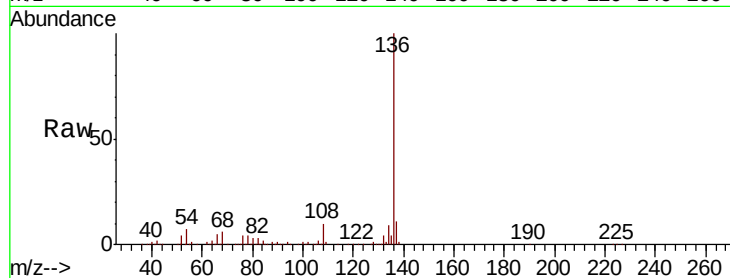




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tgt Ion:	136	Resp:	407282
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.2	5.8	8.6
68	6.3	5.1	7.7



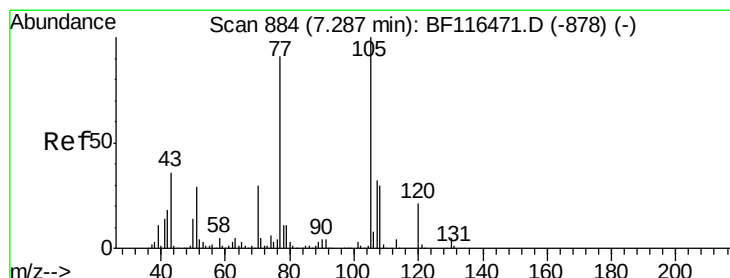
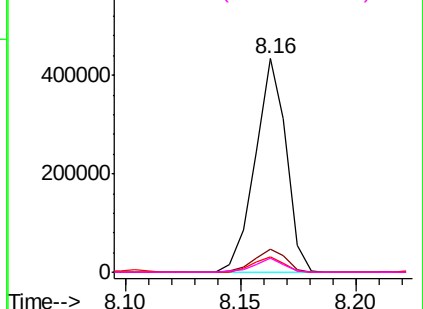
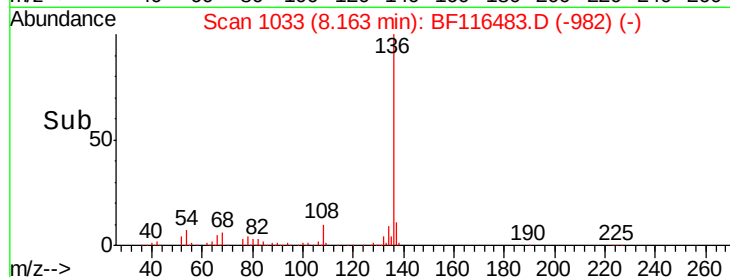
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

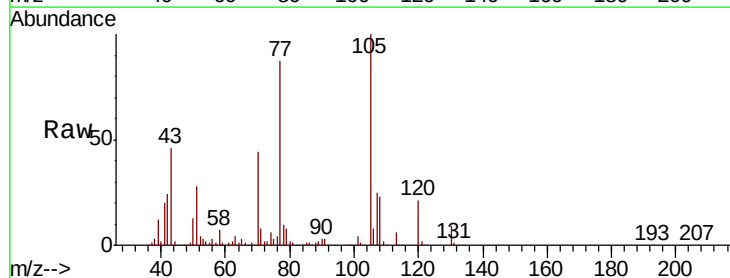
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.393 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:	105	Resp:	380826
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.2	6.2#
51	27.7	23.0	34.4
120	21.5	16.5	24.7



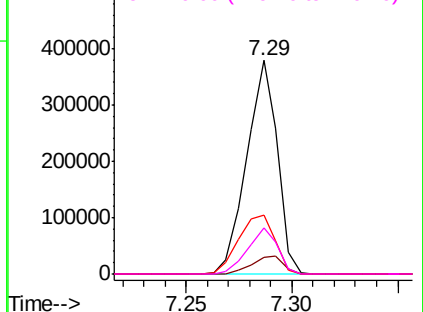
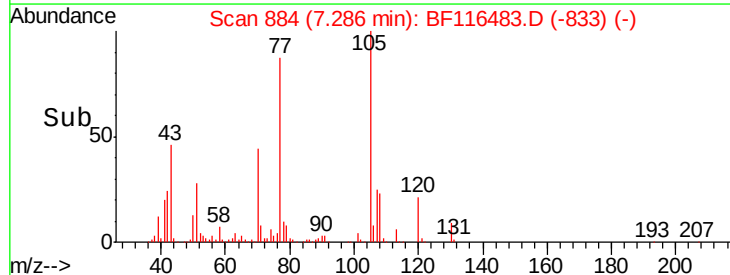
Abundance

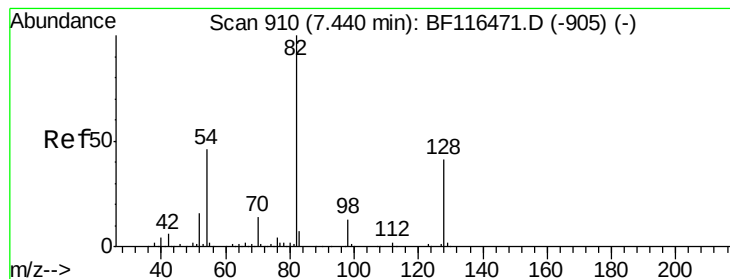
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 58.711 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

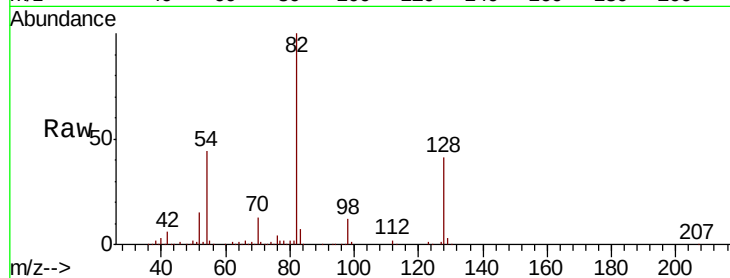
Tgt Ion: 82 Resp: 437065

Ion Ratio Lower Upper

82 100

128 41.3 32.2 48.4

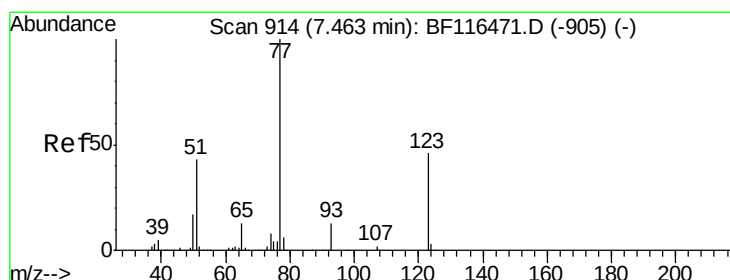
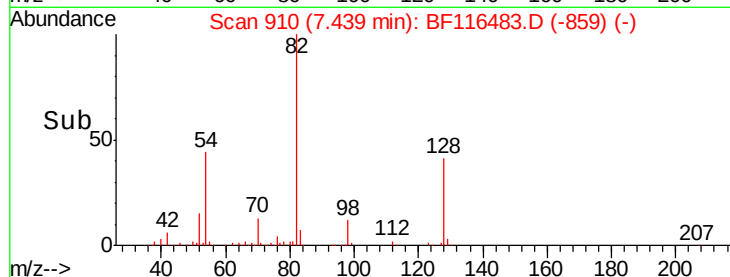
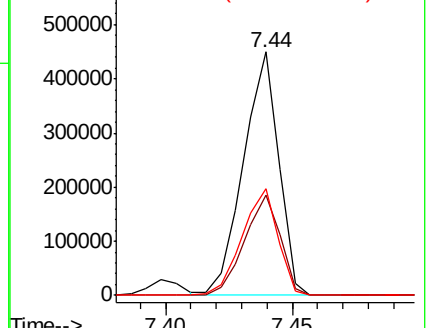
54 44.0 36.5 54.7



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: 37.808 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

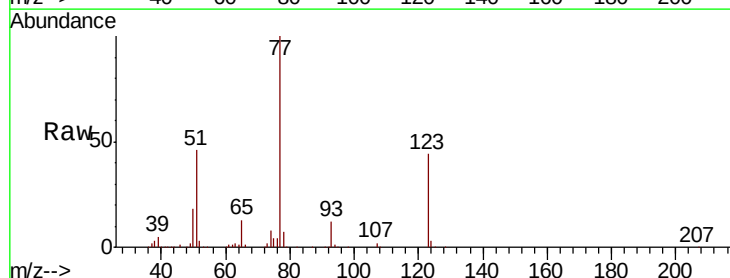
Tgt Ion: 77 Resp: 291475

Ion Ratio Lower Upper

77 100

123 44.1 37.0 55.4

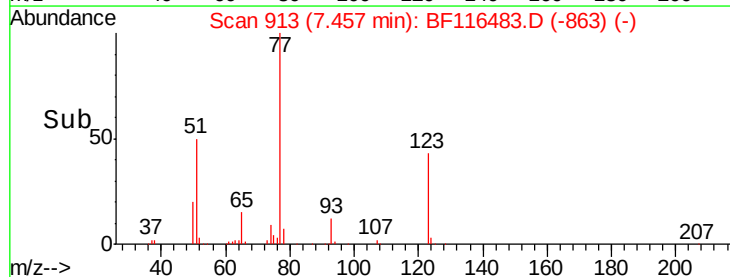
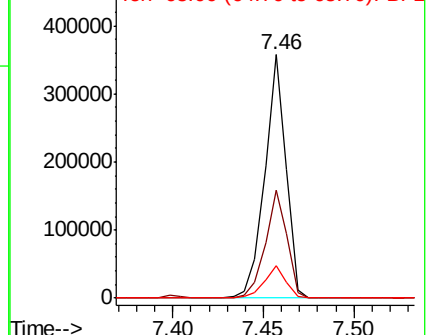
65 13.4 10.5 15.7

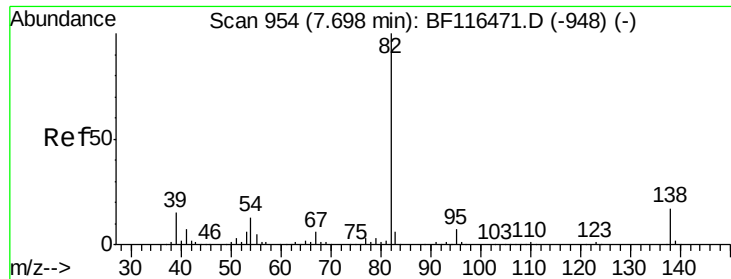


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.028 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

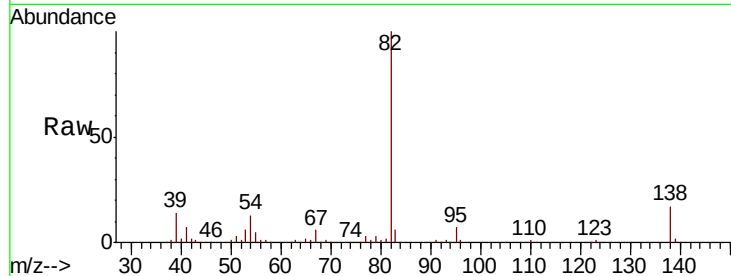
Tgt Ion: 82 Resp: 513870

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

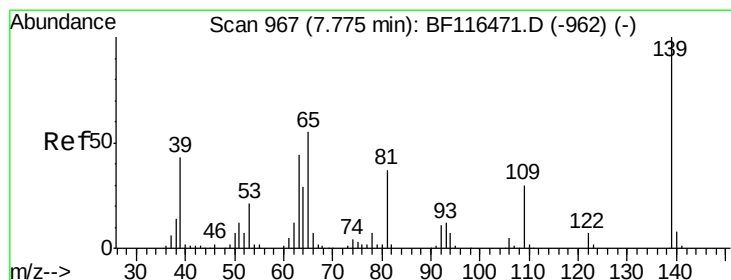
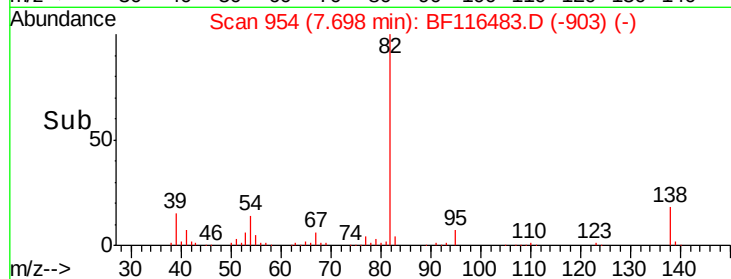
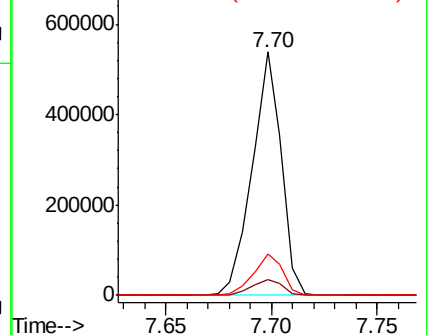
138 17.0 13.3 19.9



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: 45.192 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

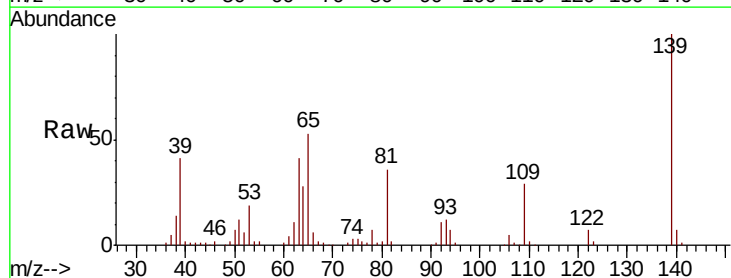
Tgt Ion: 139 Resp: 127263

Ion Ratio Lower Upper

139 100

109 28.8 24.3 36.5

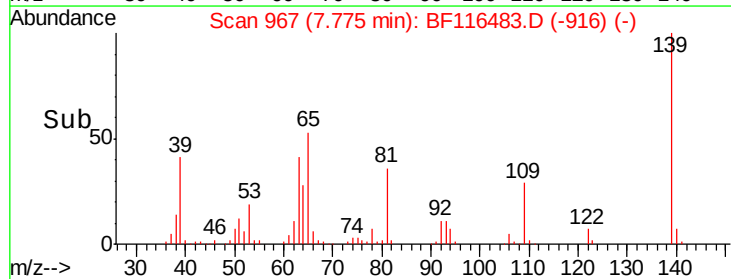
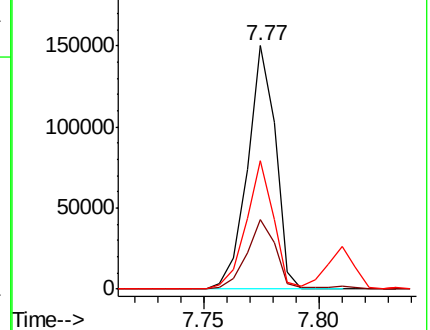
65 52.8 44.0 66.0

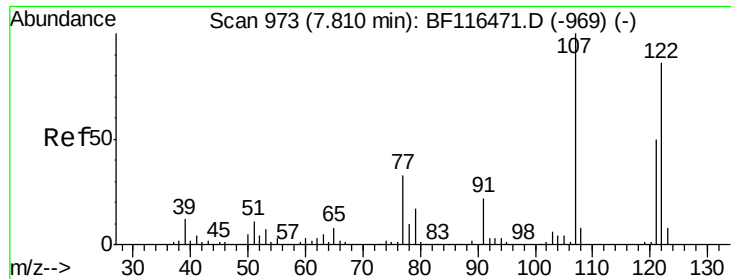


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

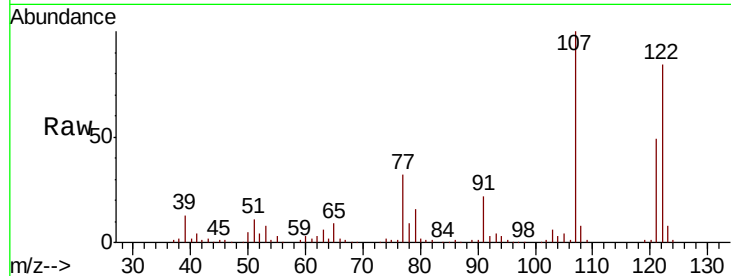




#27
 2,4-Dimethylphenol
 Concen: 38.825 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.4	92.4	138.6
121	58.2	46.2	69.4

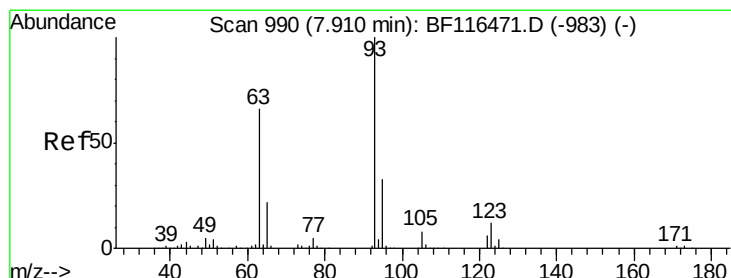
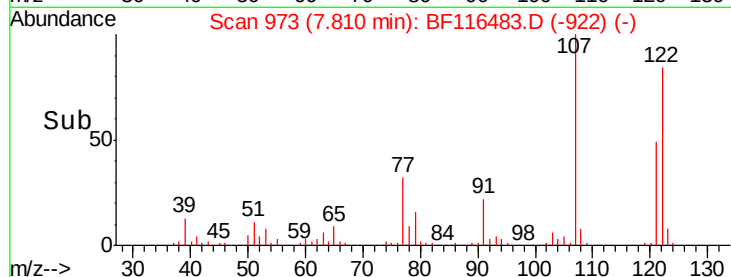
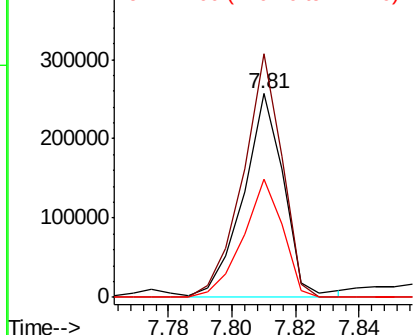


Abundance

Ion 122.00 (121.70 to 122.70): E

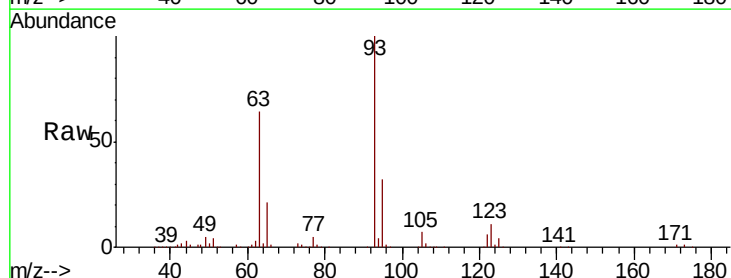
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.565 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.3	9.8	14.6

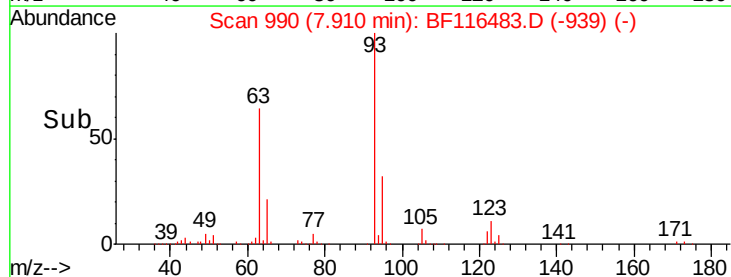
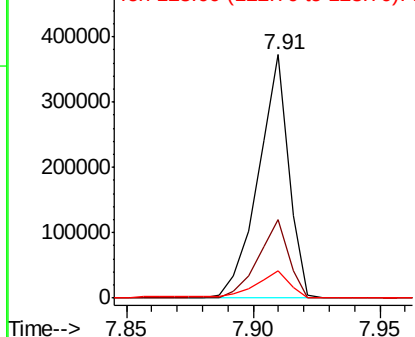


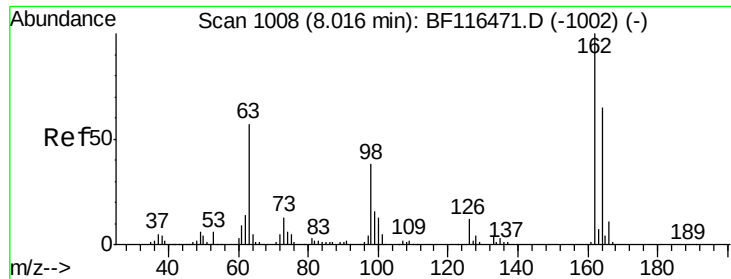
Abundance

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

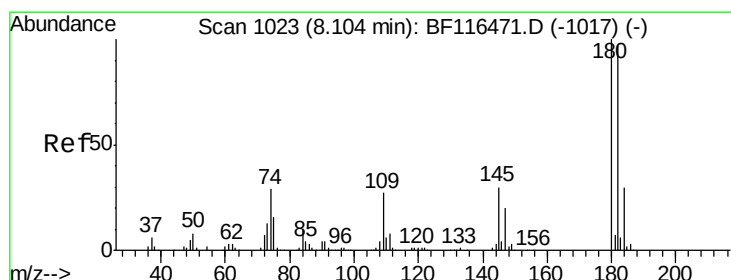
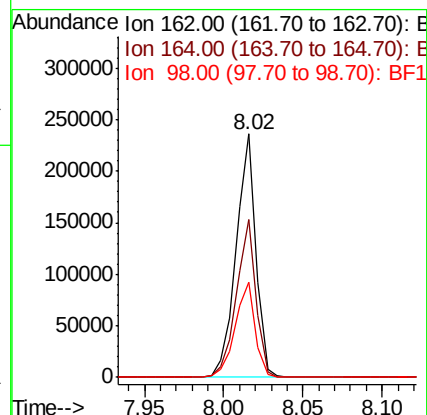
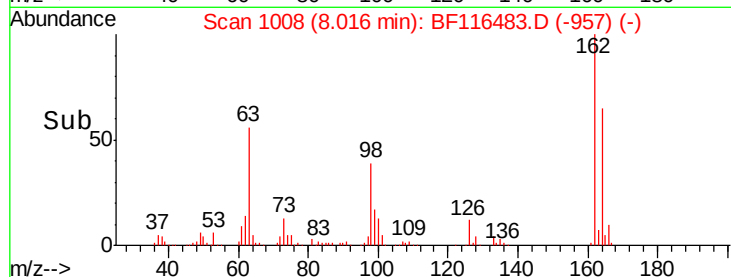
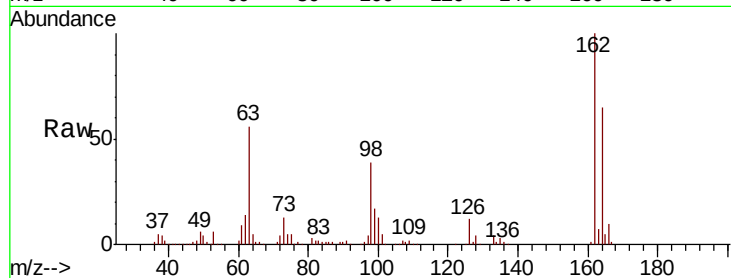




#29
2,4-Dichlorophenol
Concen: 36.742 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

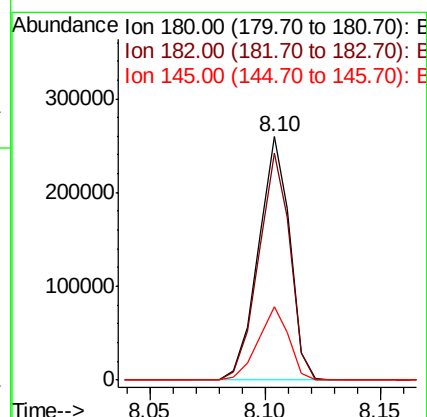
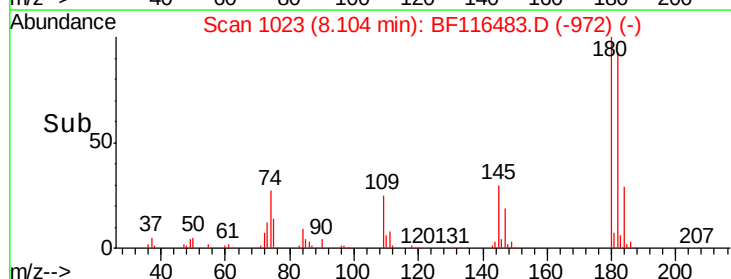
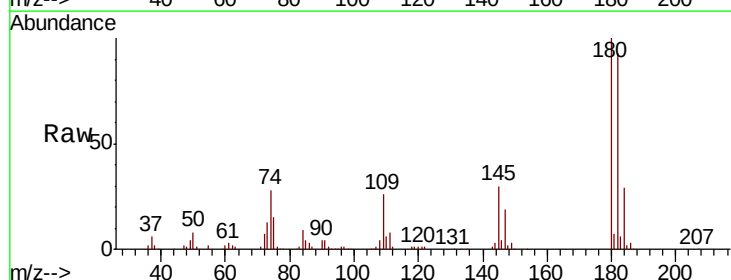
Instrument :
BNA_F
ClientSampleId :
PB122424BS

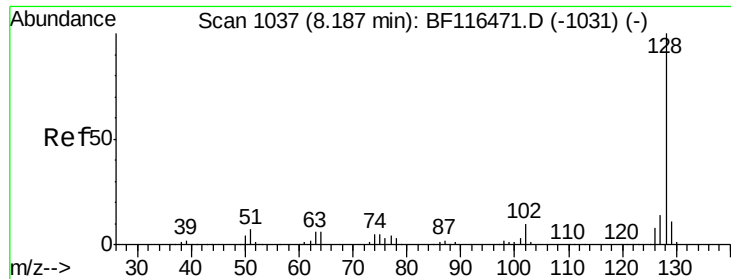
Tgt Ion:162 Resp: 205310
Ion Ratio Lower Upper
162 100
164 64.8 44.9 84.9
98 38.9 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 39.008 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:180 Resp: 245384
Ion Ratio Lower Upper
180 100
182 93.1 77.4 116.0
145 30.2 24.3 36.5

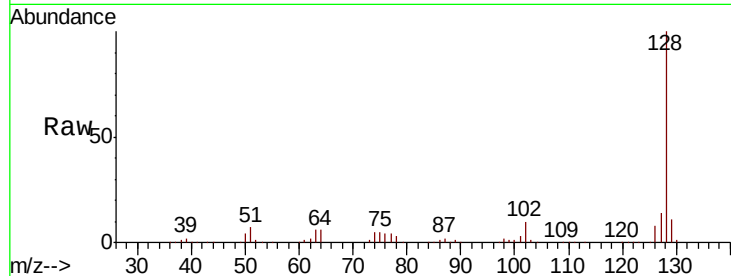




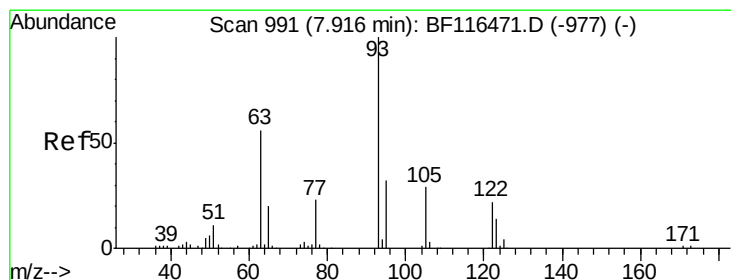
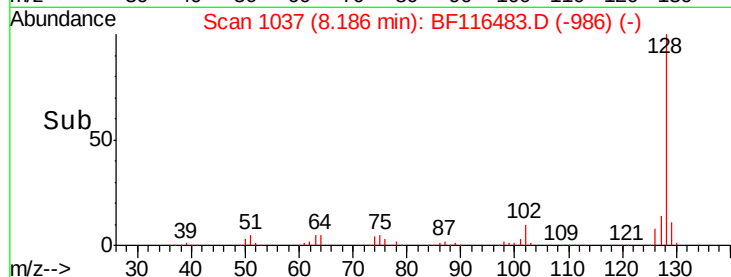
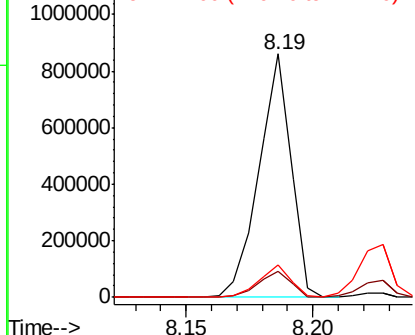
#31
Naphthalene
Concen: 38.824 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tgt Ion:128 Resp: 764928
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.5 10.9 16.3

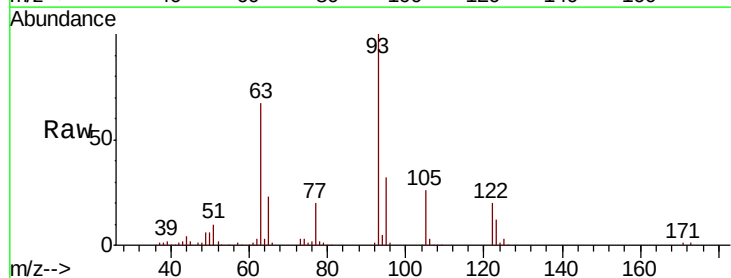


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

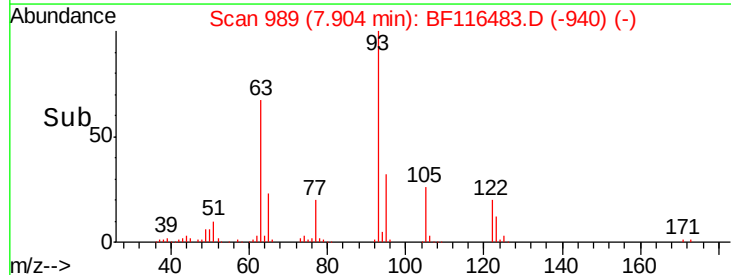
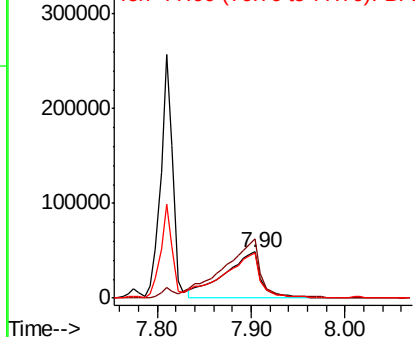


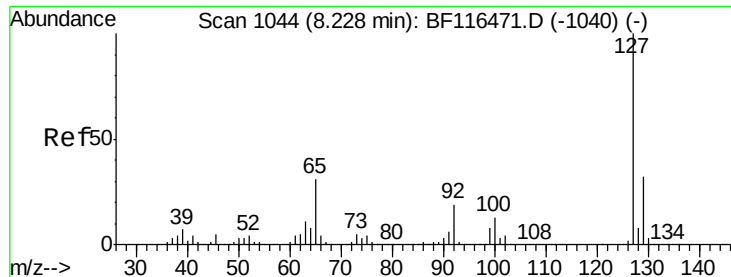
#32
Benzoic acid
Concen: 35.139 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:122 Resp: 131995
Ion Ratio Lower Upper
122 100
105 128.5 109.9 149.9
77 98.6 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

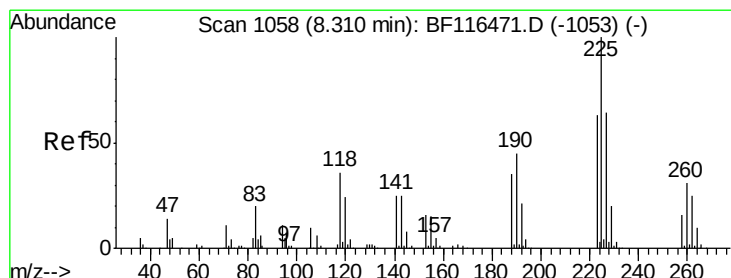
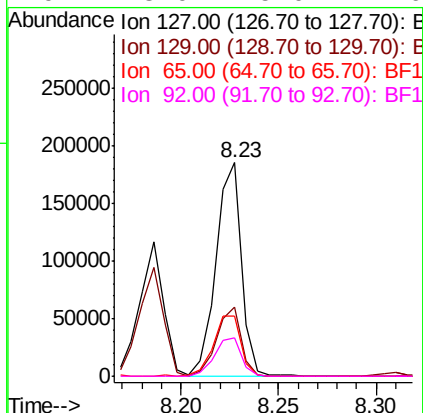
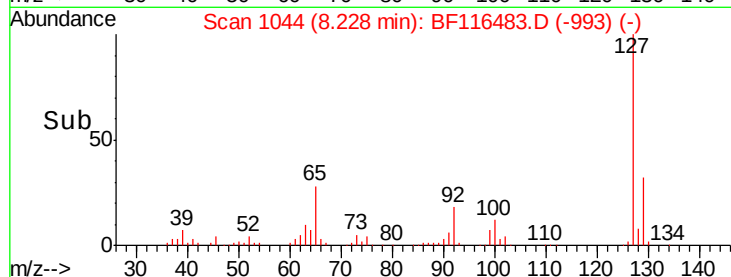
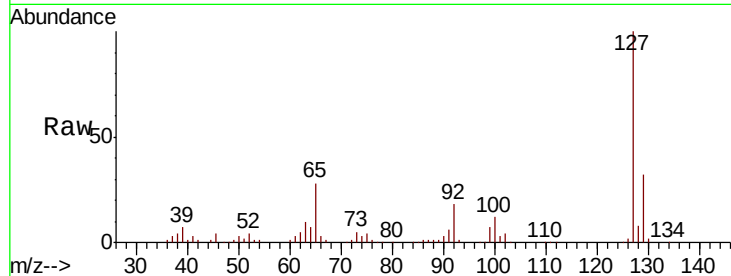




#33
4-Chloroaniline
Concen: 19.381 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

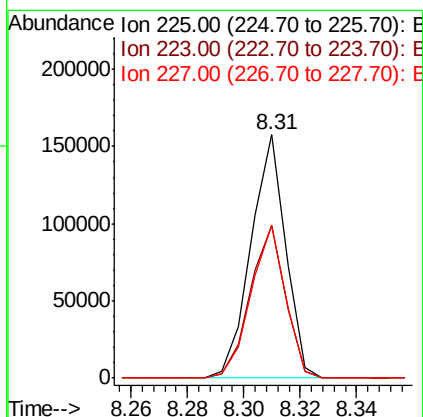
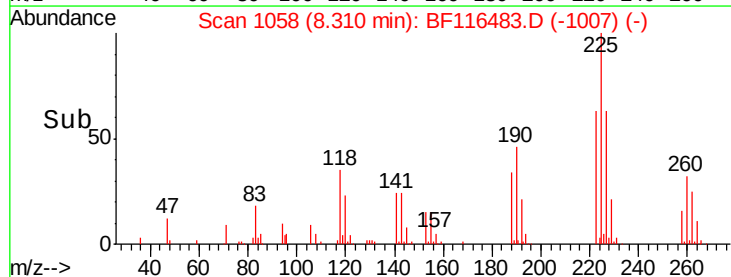
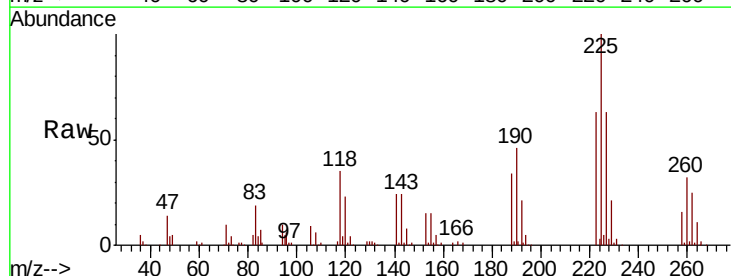
Instrument :
BNA_F
ClientSampleId :
PB122424BS

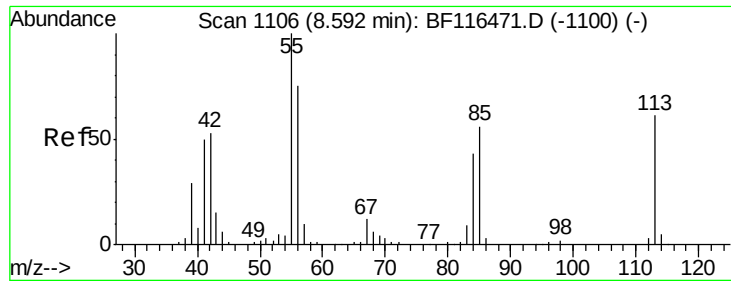
Tgt Ion:	127	Resp:	167631
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	28.3	25.0	37.6
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.104 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:	225	Resp:	134155
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	62.8	51.0	76.4

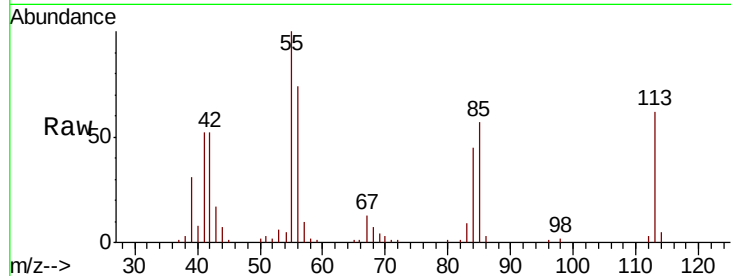




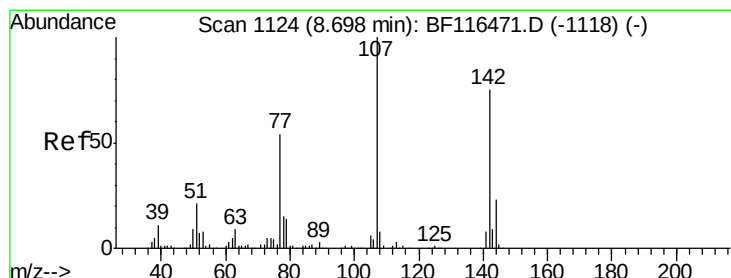
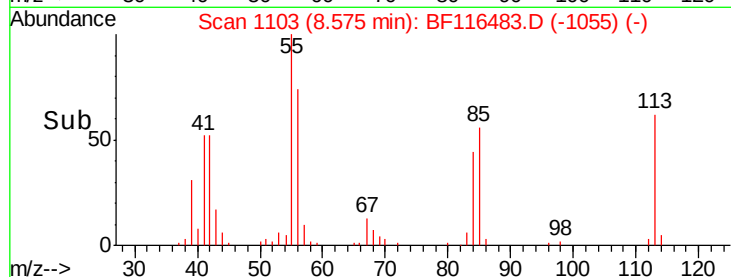
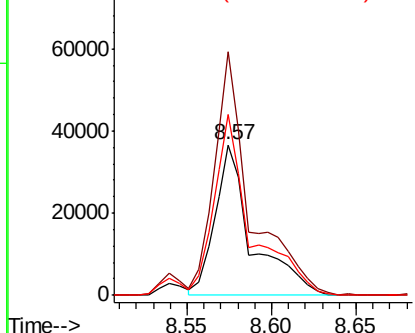
#35
 Caprolactam
 Concen: 28.735 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tgt Ion:113 Resp: 55930
 Ion Ratio Lower Upper
 113 100
 55 161.9 143.6 183.6
 56 120.3 102.3 142.3

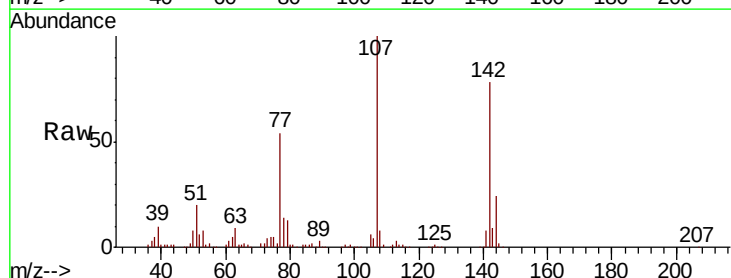


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

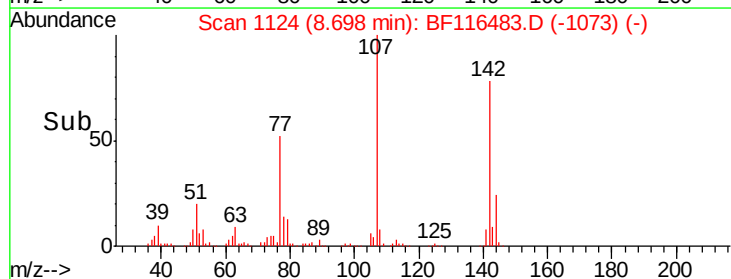
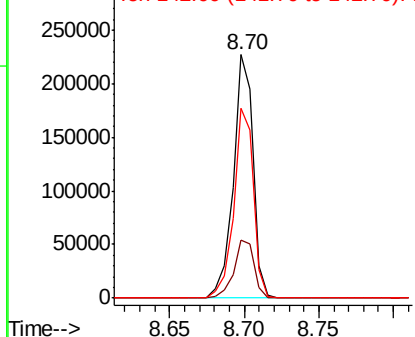


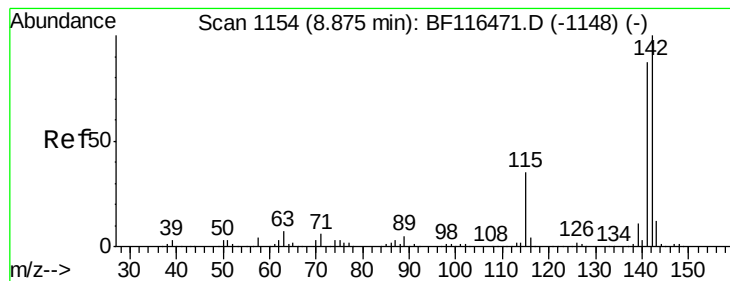
#36
 4-Chloro-3-methylphenol
 Concen: 33.635 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion:107 Resp: 212064
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.8 28.2
 142 78.0 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: 36.707 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

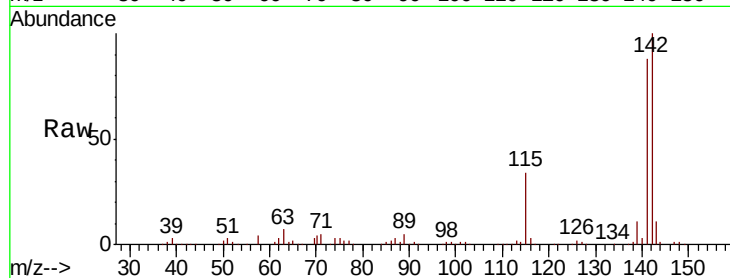
Tgt Ion:142 Resp: 496574

Ion Ratio Lower Upper

142 100

141 88.2 69.8 104.6

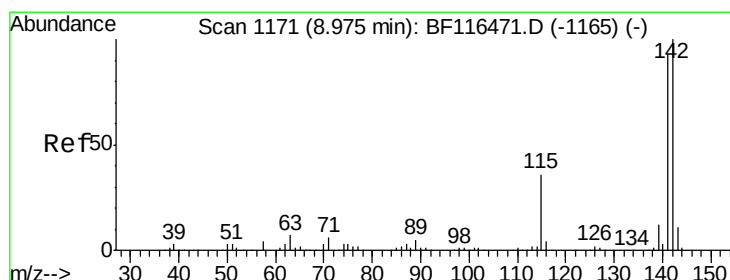
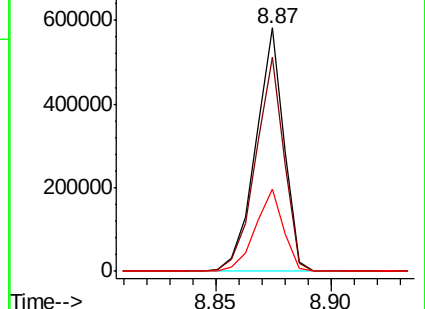
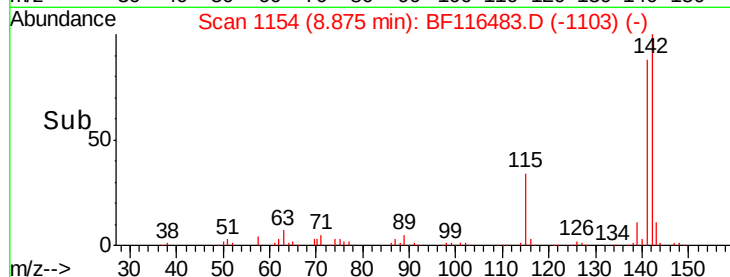
115 33.8 27.7 41.5



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: 36.329 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

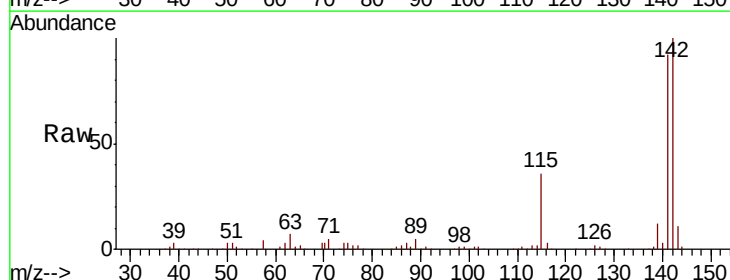
Tgt Ion:142 Resp: 459091

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.2

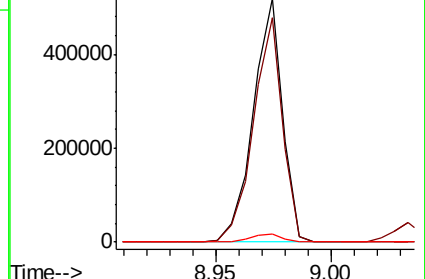
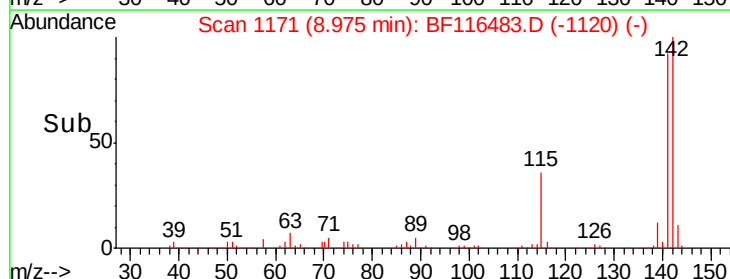
116 3.5 2.9 4.3

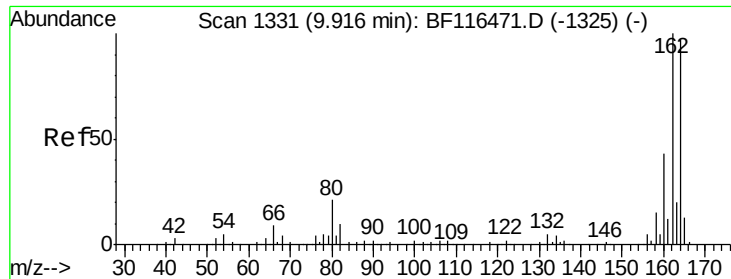


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

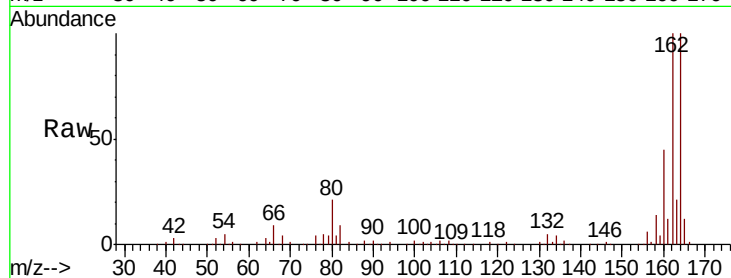
Tgt Ion:164 Resp: 192242

Ion Ratio Lower Upper

164 100

162 99.7 82.6 123.8

160 45.4 35.8 53.8

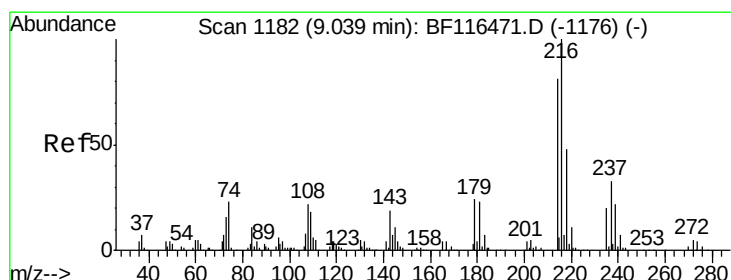
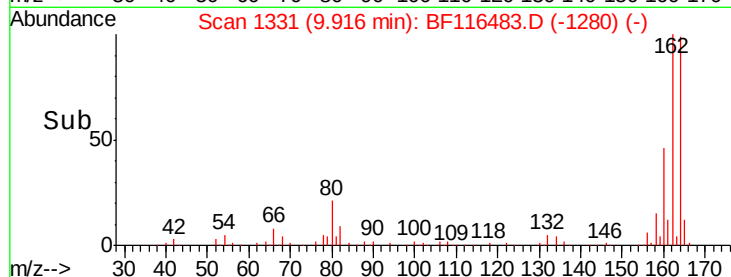
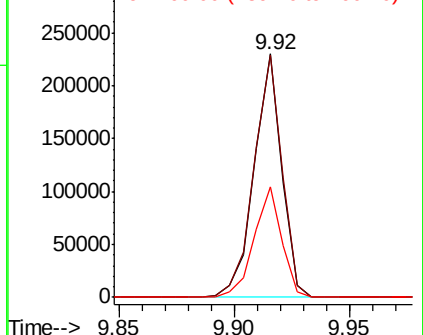


Abundance

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: 40.260 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion:216 Resp: 208233

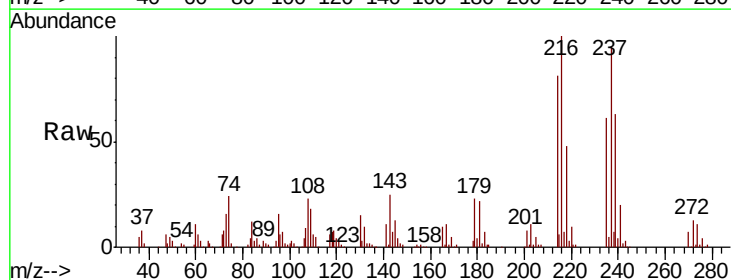
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.8

179 22.6 18.5 27.7

108 23.5 17.3 25.9



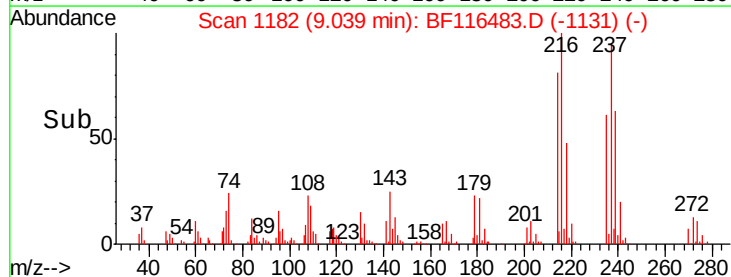
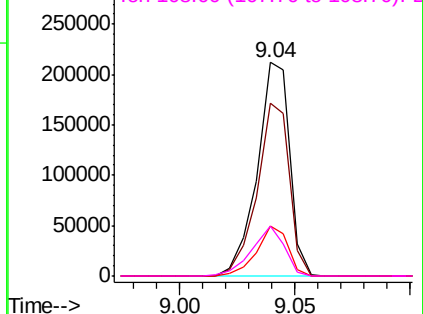
Abundance

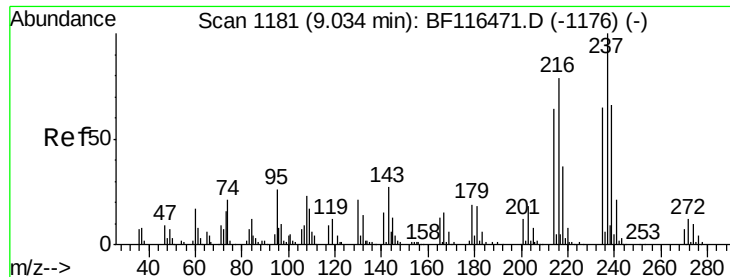
Ion 216.00 (215.70 to 216.70): E

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: 88.445 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

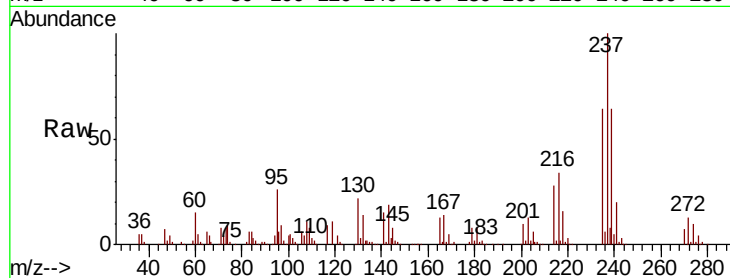
Tgt Ion: 237 Resp: 246123

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

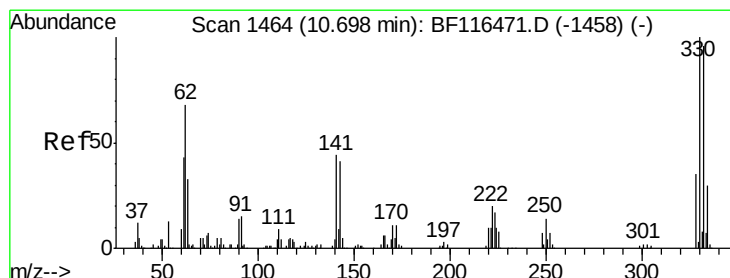
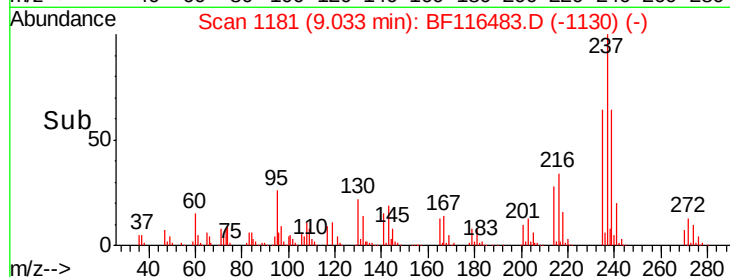
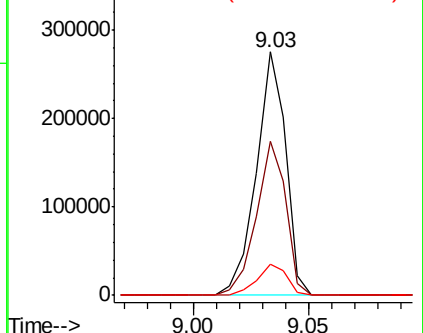
272 13.0 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.667 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

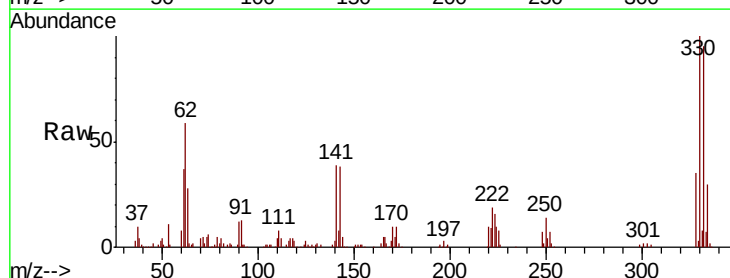
Tgt Ion: 330 Resp: 152968

Ion Ratio Lower Upper

330 100

332 95.2 77.2 115.8

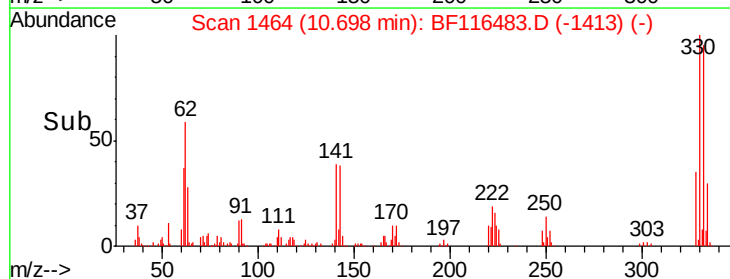
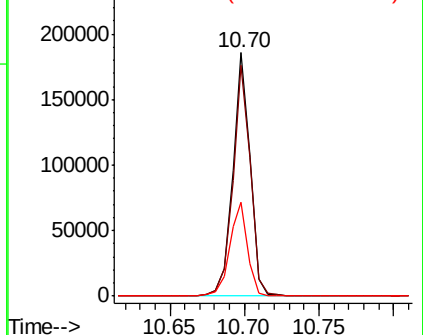
141 39.7 33.3 49.9

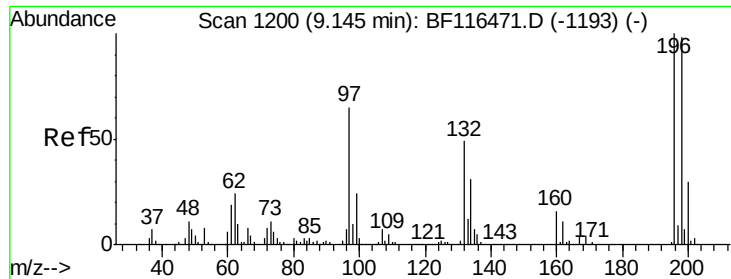


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

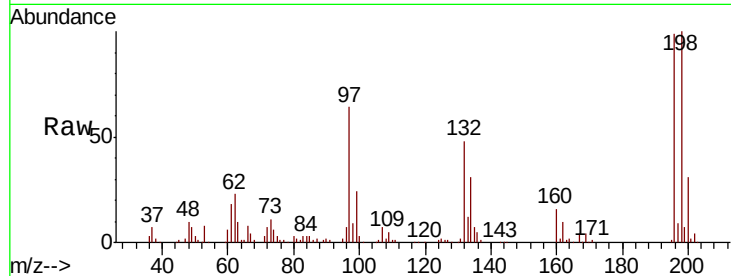




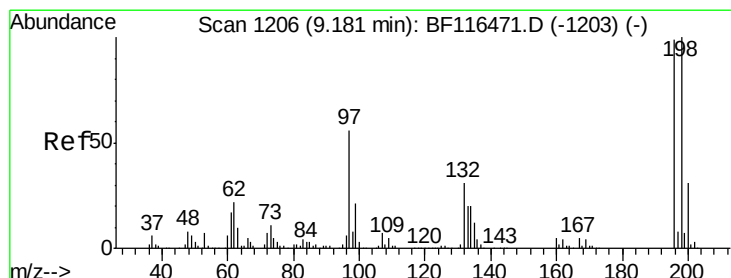
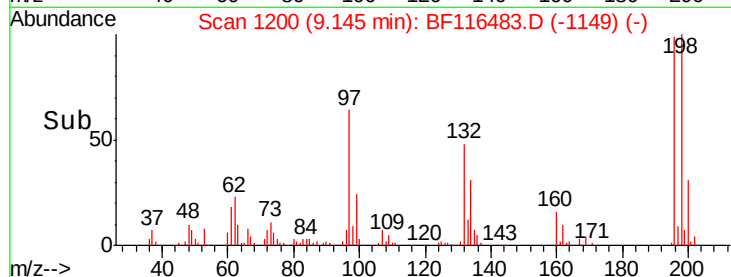
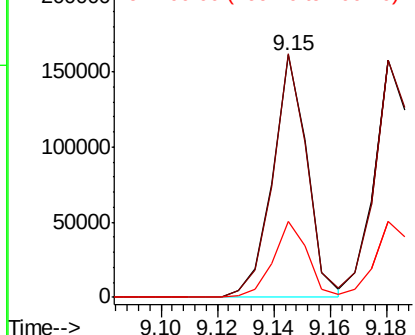
#43
 2,4,6-Trichlorophenol
 Concen: 37.640 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tgt Ion:196 Resp: 136252
 Ion Ratio Lower Upper
 196 100
 198 100.6 78.0 117.0
 200 31.2 24.2 36.2



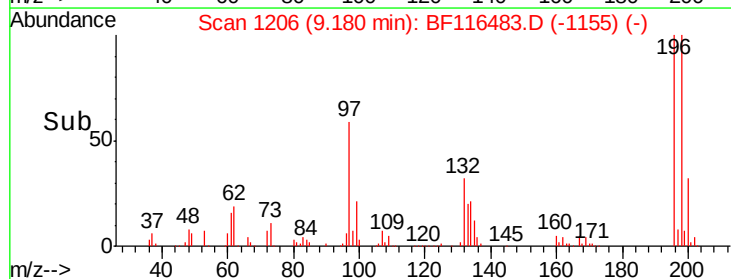
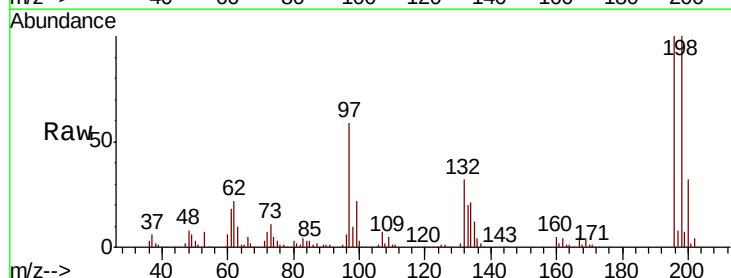
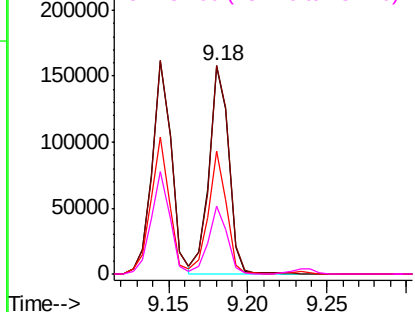
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

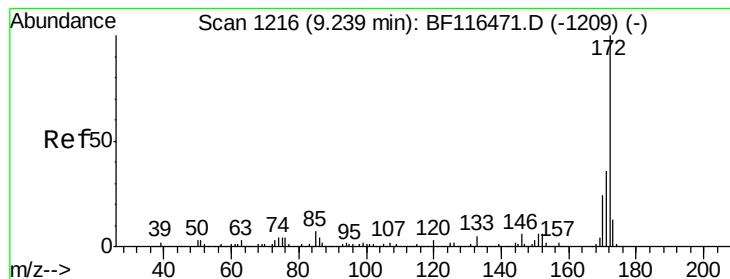


#44
 2,4,5-Trichlorophenol
 Concen: 37.414 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion:196 Resp: 137805
 Ion Ratio Lower Upper
 196 100
 198 100.2 80.8 121.2
 97 59.4 45.7 68.5
 132 32.5 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: 64.834 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

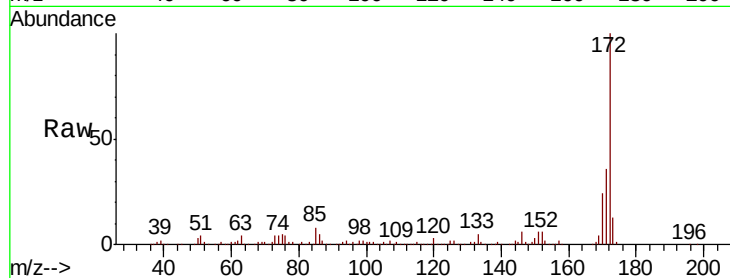
Tgt Ion:172 Resp: 773955

Ion Ratio Lower Upper

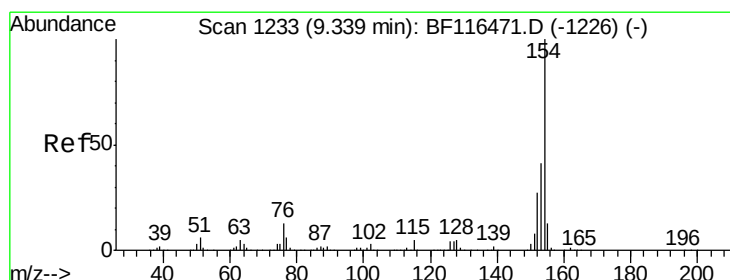
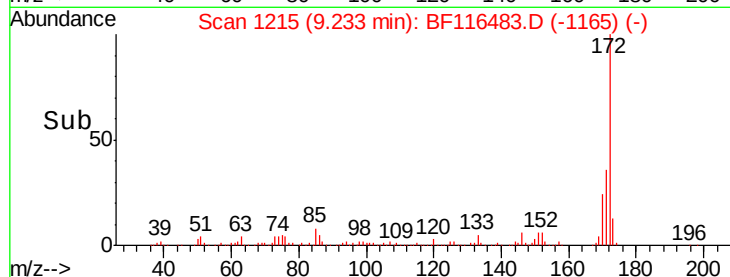
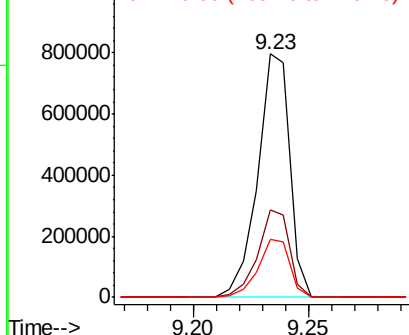
172 100

171 36.1 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: 38.308 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

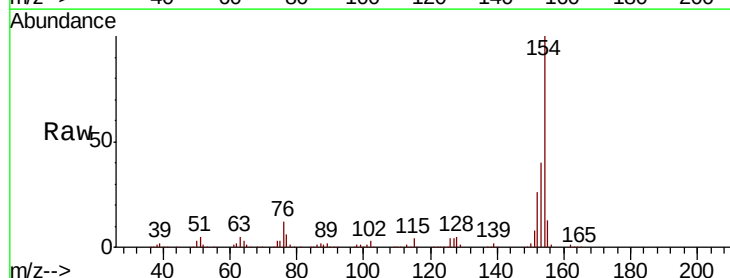
Tgt Ion:154 Resp: 588792

Ion Ratio Lower Upper

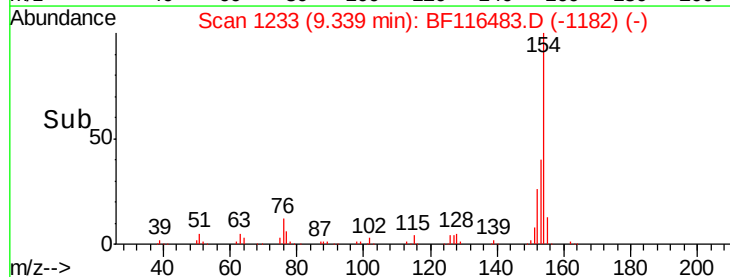
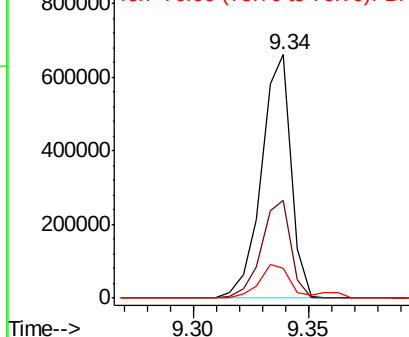
154 100

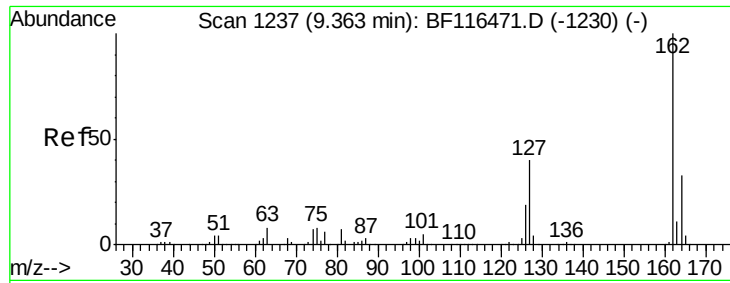
153 40.3 21.3 61.3

76 12.2 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

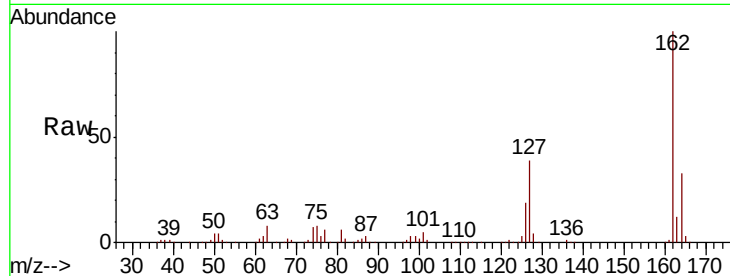




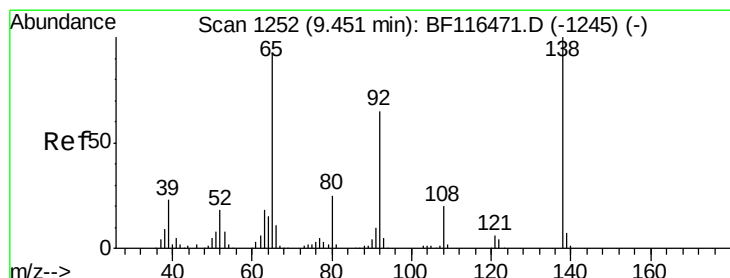
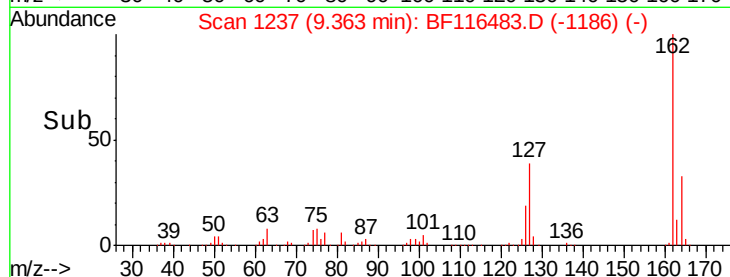
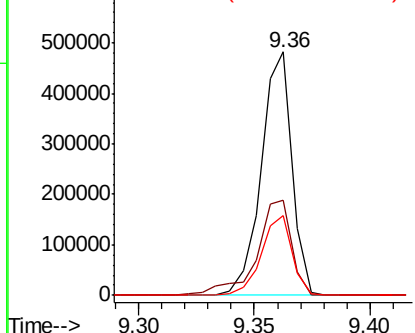
#47
 2-Chloronaphthalene
 Concen: 37.596 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tgt Ion: 162 Resp: 447983
 Ion Ratio Lower Upper
 162 100
 127 39.0 32.5 48.7
 164 32.8 26.7 40.1

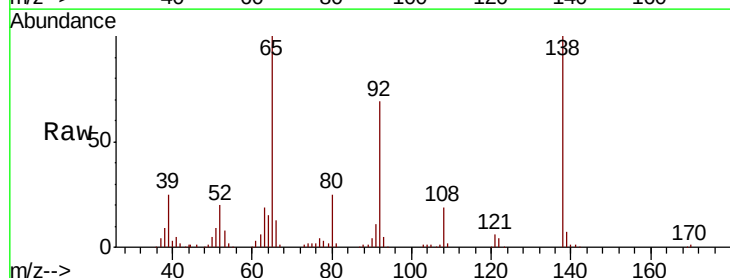


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

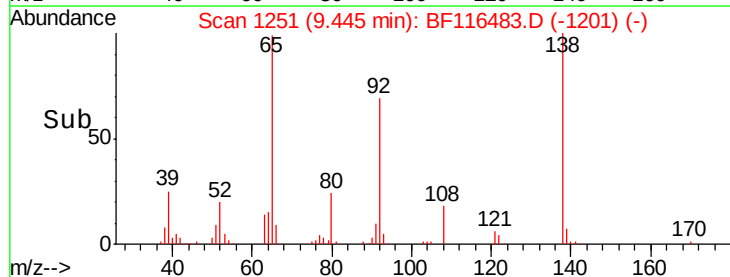
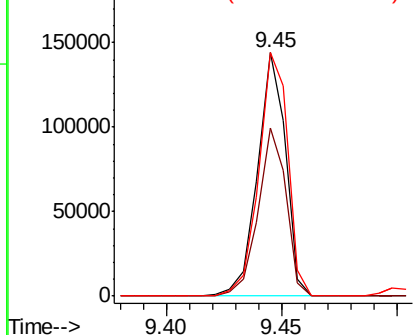


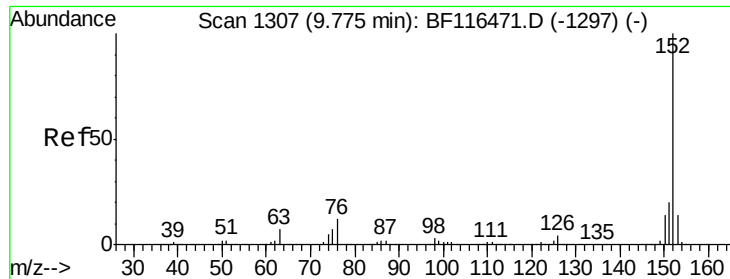
#48
 2-Nitroaniline
 Concen: 33.449 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion: 65 Resp: 122034
 Ion Ratio Lower Upper
 65 100
 92 69.2 56.2 84.2
 138 99.9 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: 38.578 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

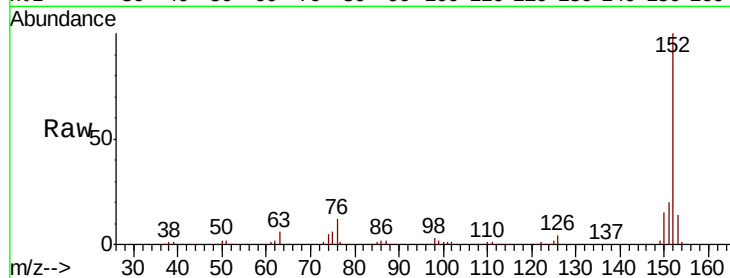
Tgt Ion:152 Resp: 672537

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

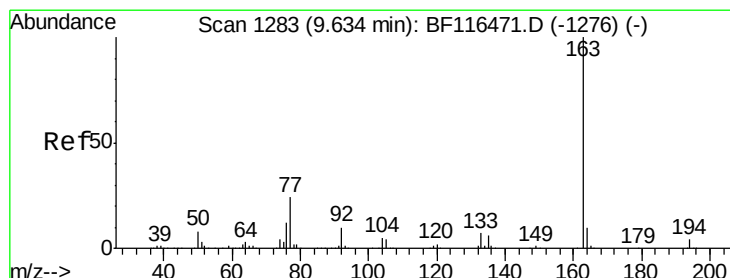
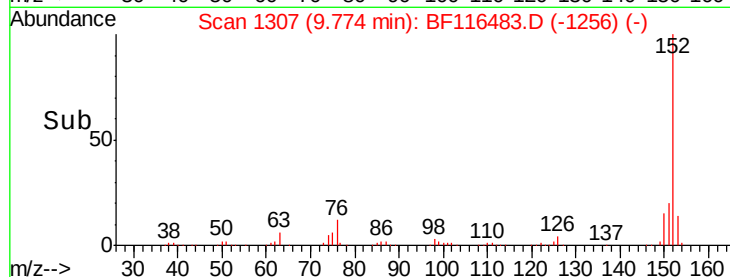
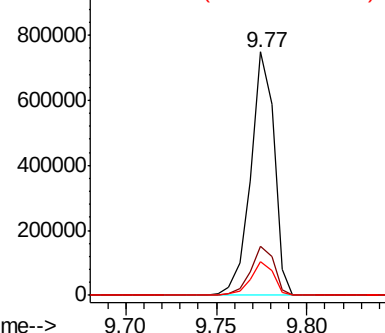
153 14.0 11.4 17.0



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: 34.720 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

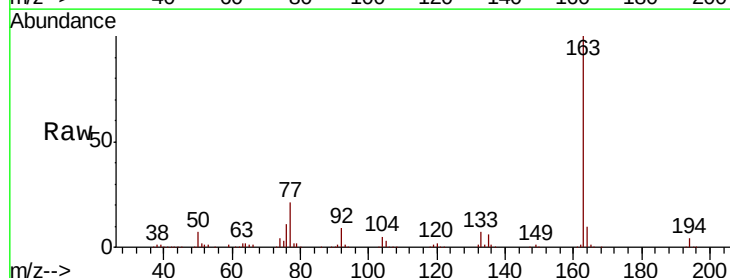
Tgt Ion:163 Resp: 465690

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

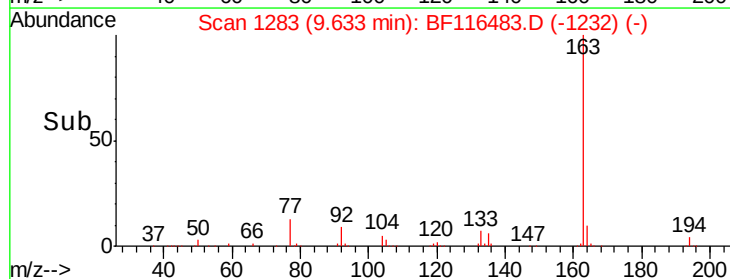
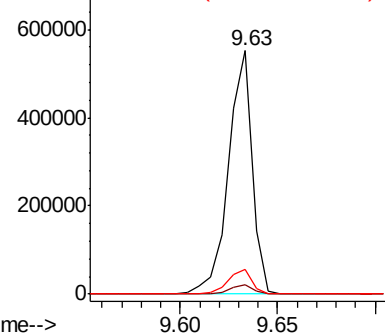
164 10.0 8.2 12.2

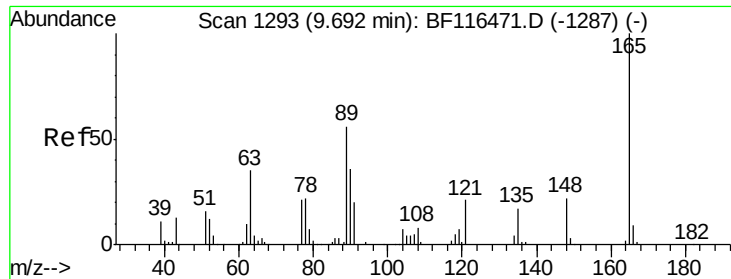


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

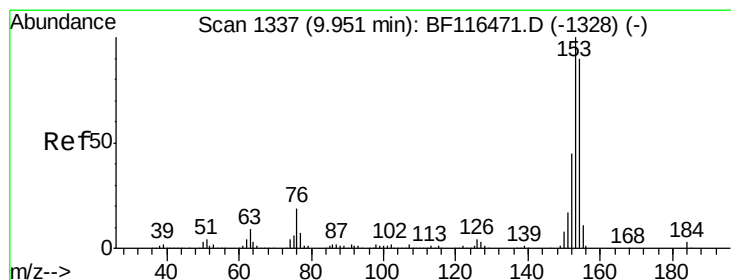
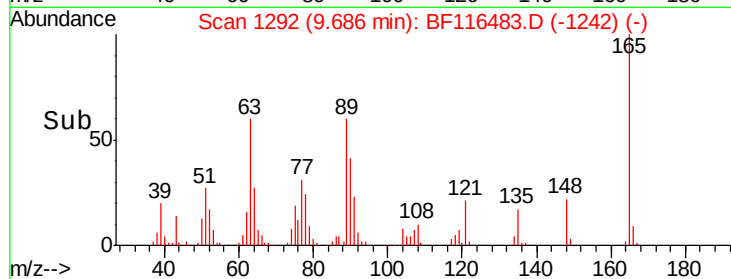
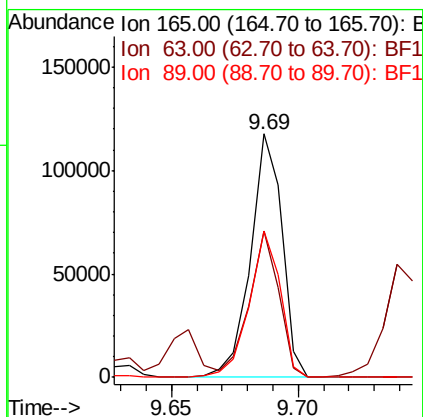
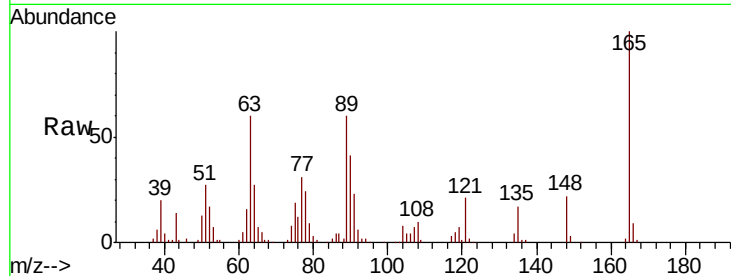




#51
 2,6-Dinitrotoluene
 Concen: 37.242 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

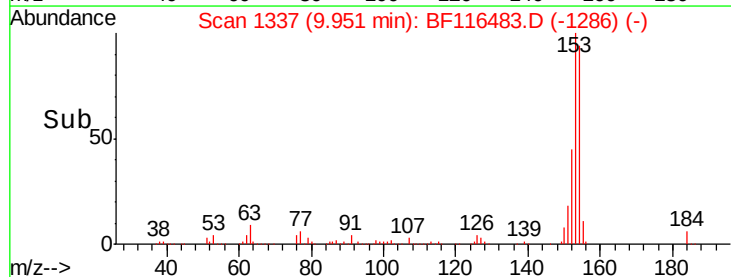
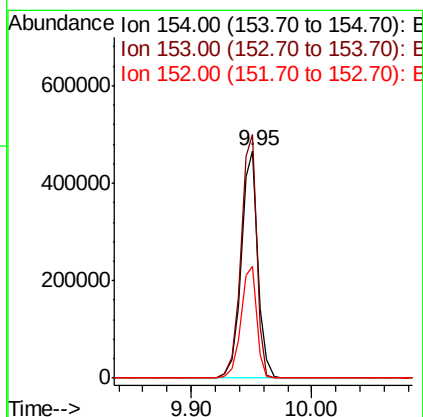
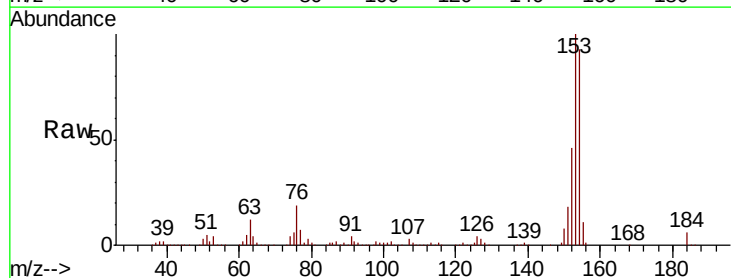
Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

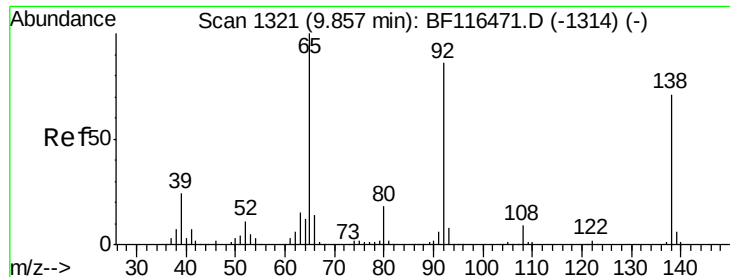
Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.3	43.7	65.5
89	60.1	45.1	67.7



#52
 Acenaphthene
 Concen: 39.809 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.0	89.3	133.9
152	49.3	40.2	60.4

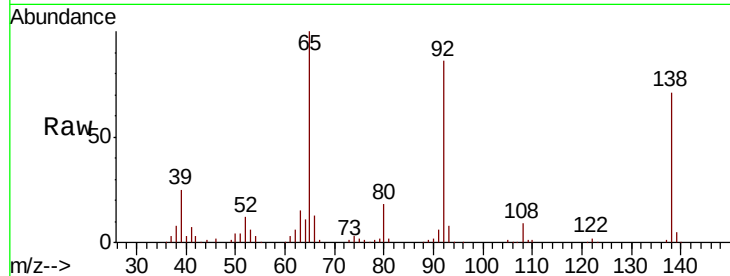




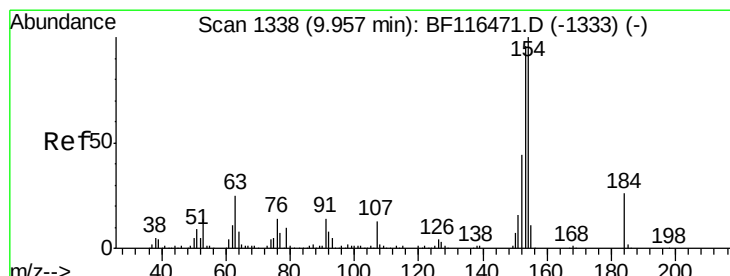
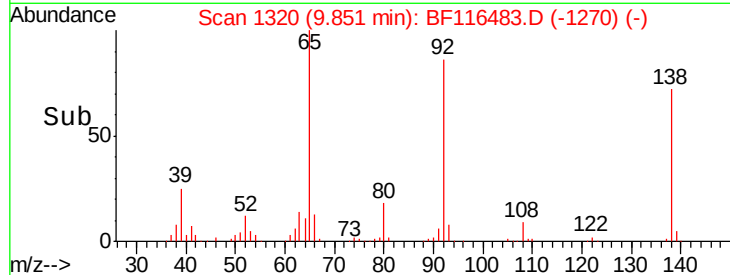
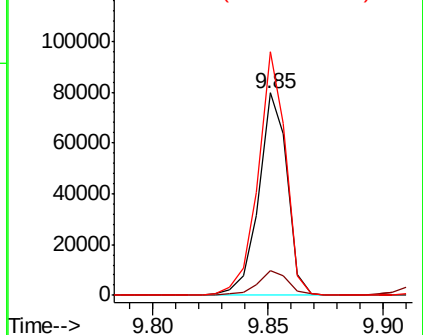
#53
3-Nitroaniline
Concen: 20.924 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Tgt Ion:138 Resp: 68473
Ion Ratio Lower Upper
138 100
108 12.4 10.0 15.0
92 120.3 97.7 146.5

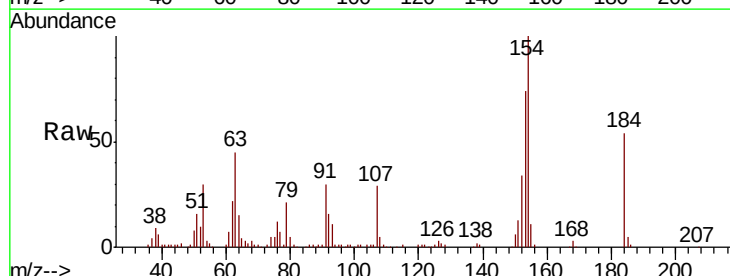


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

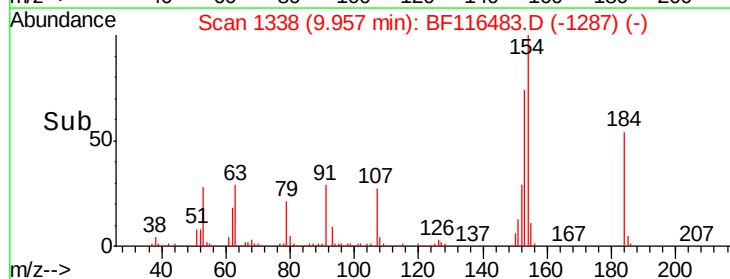
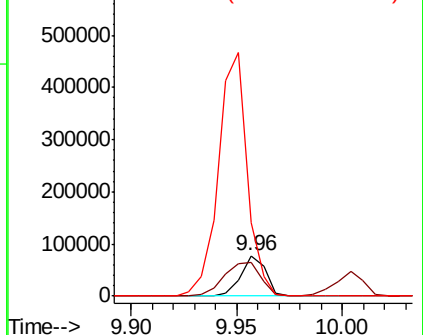


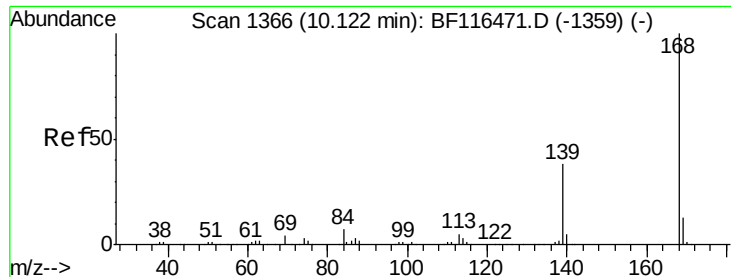
#54
2,4-Dinitrophenol
Concen: 61.108 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:184 Resp: 63300
Ion Ratio Lower Upper
184 100
63 83.5 78.2 117.4
154 184.0 320.4 480.6#



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

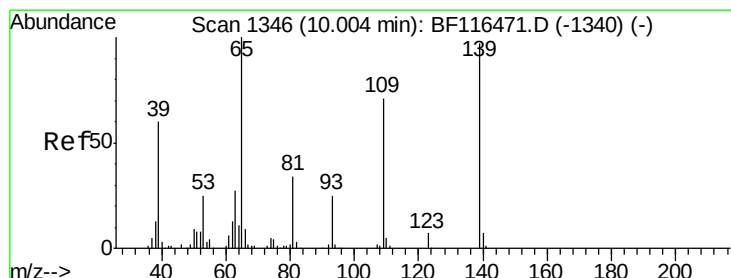
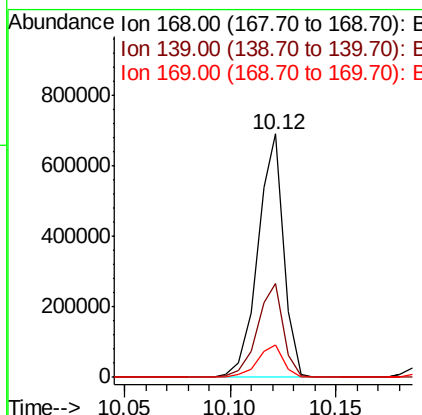
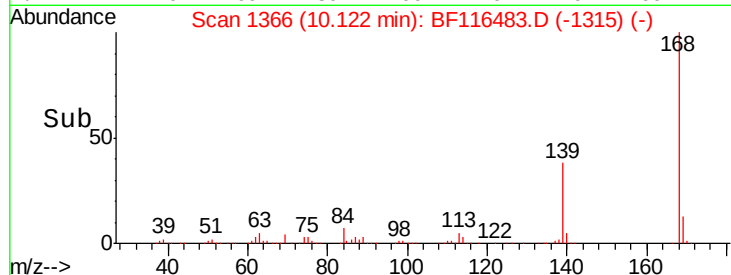
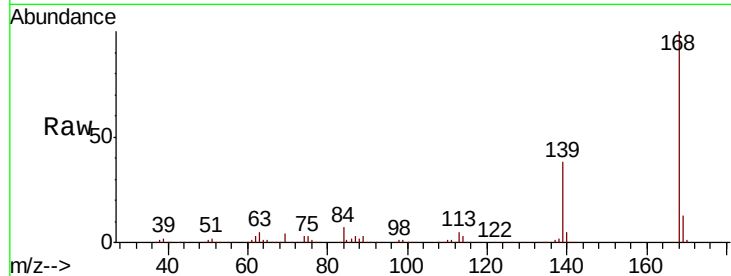




#55
Dibenzenofuran
Concen: 37.692 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

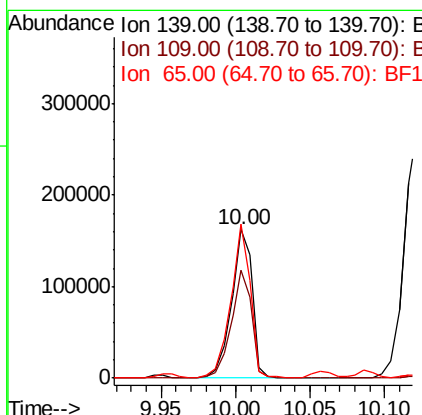
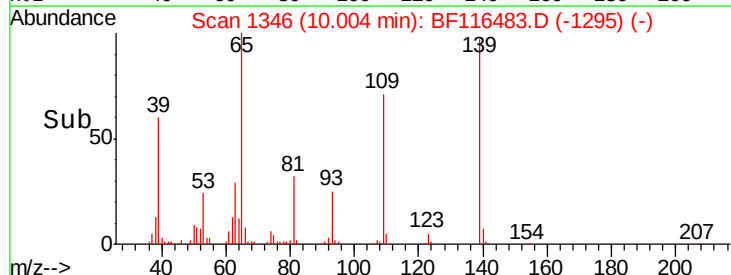
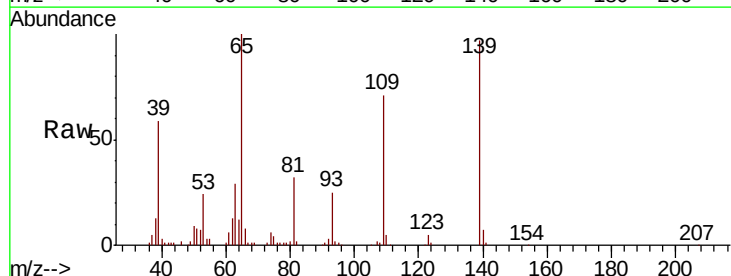
Instrument :
BNA_F
ClientSampleId :
PB122424BS

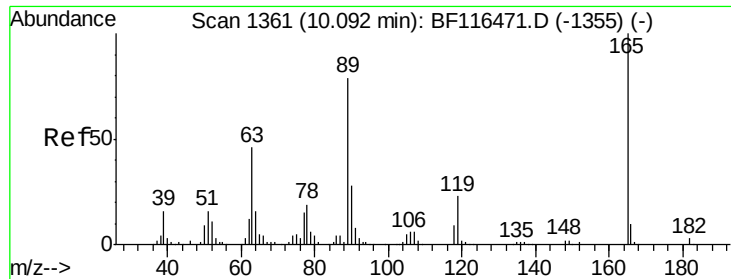
Tgt Ion:168 Resp: 587749
Ion Ratio Lower Upper
168 100
139 38.5 30.7 46.1
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 62.939 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion:139 Resp: 160092
Ion Ratio Lower Upper
139 100
109 73.2 53.4 93.4
65 103.5 83.0 123.0

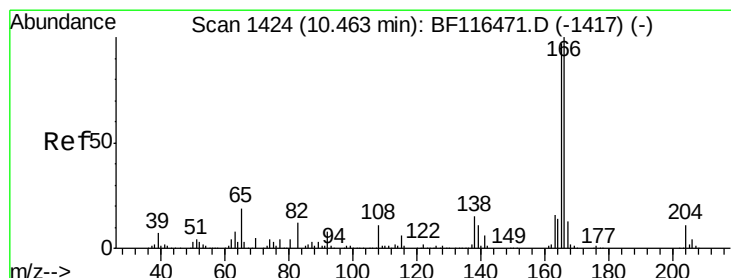
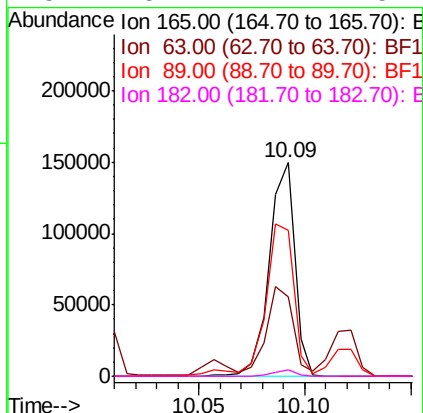
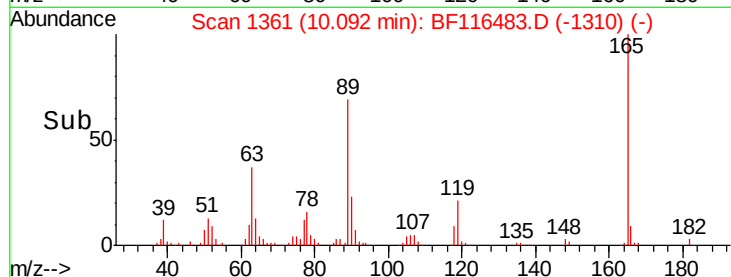
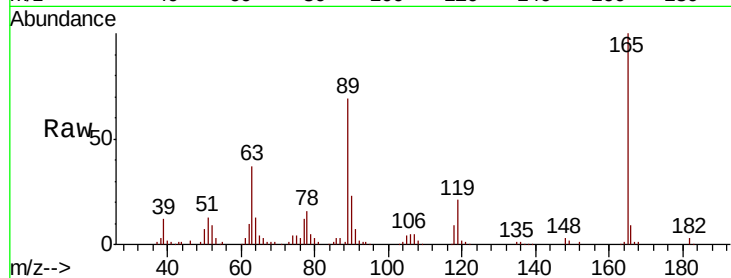




#57
 2,4-Dinitrotoluene
 Concen: 36.249 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

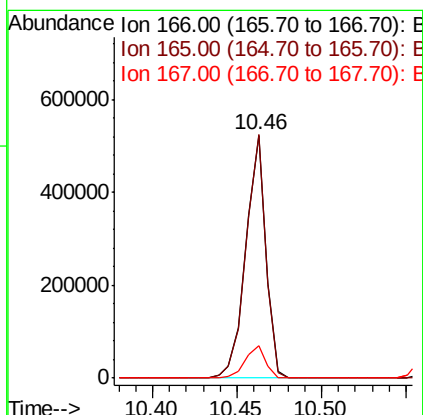
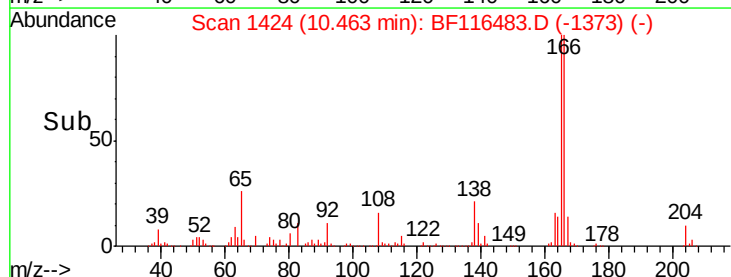
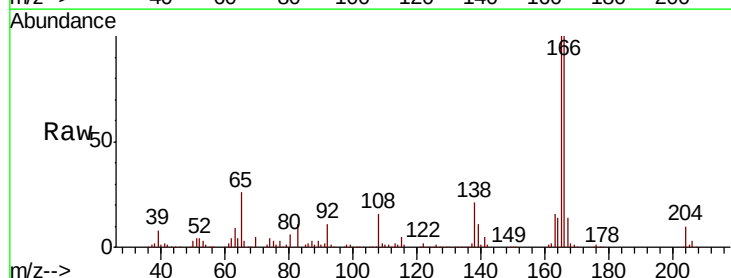
Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

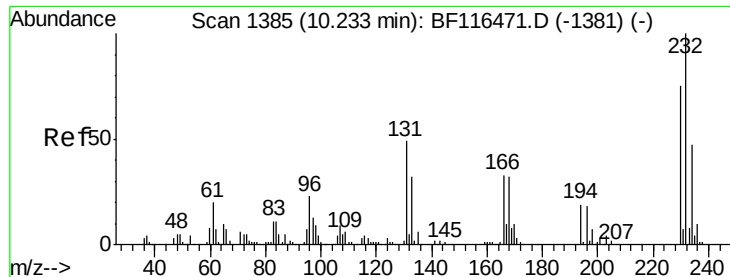
Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.0	36.9	55.3
89	68.6	63.4	95.0
182	3.2	2.1	3.1#



#58
 Fluorene
 Concen: 35.973 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.4	116.0
167	13.6	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.489 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

Tgt Ion: 232 Resp: 110354

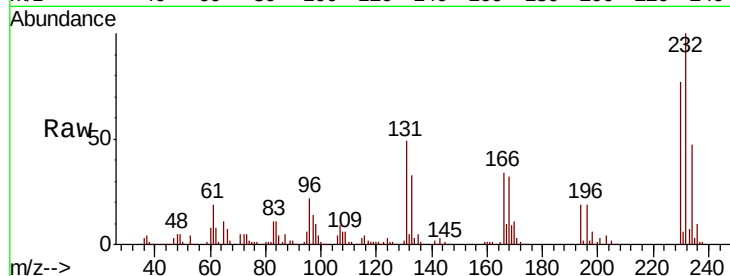
Ion Ratio Lower Upper

232 100

131 49.2 40.8 61.2

130 2.3 1.8 2.8

166 32.7 26.8 40.2

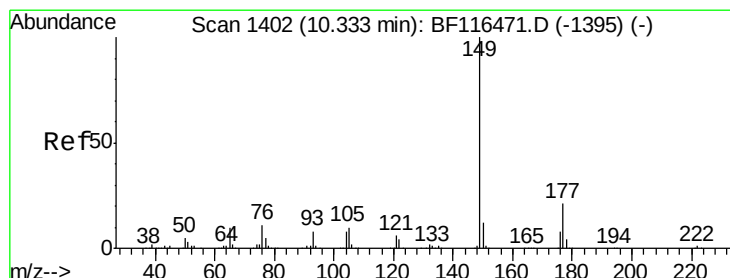
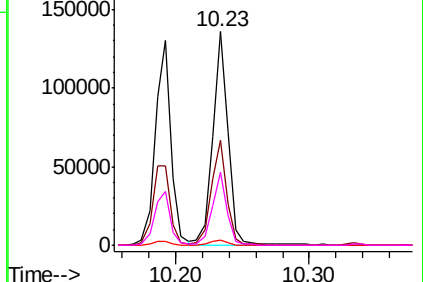
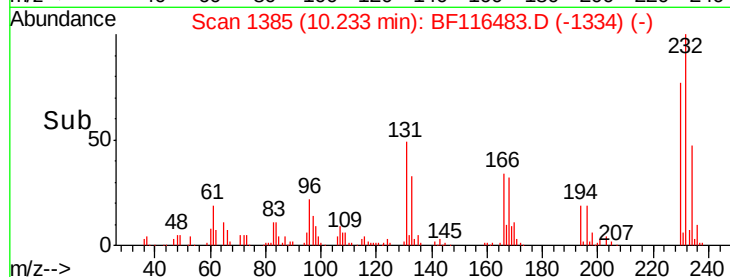


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 33.737 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

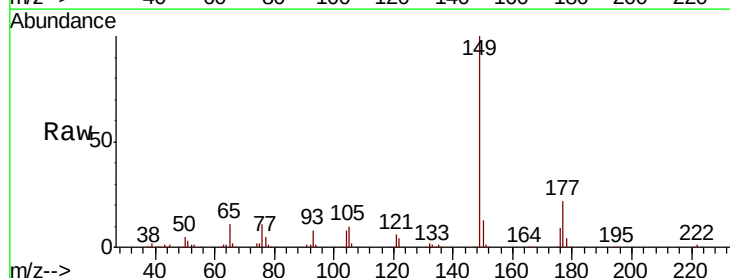
Tgt Ion: 149 Resp: 444749

Ion Ratio Lower Upper

149 100

177 22.2 17.1 25.7

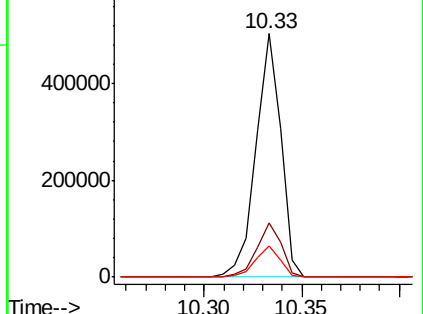
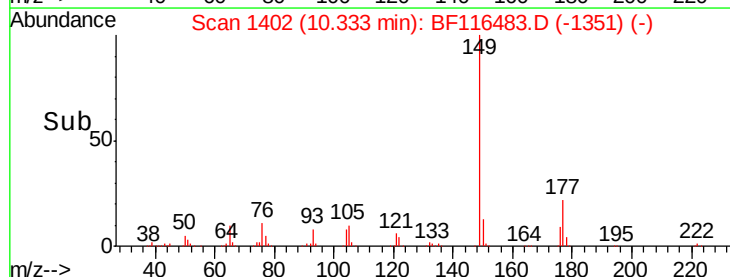
150 12.5 9.8 14.6

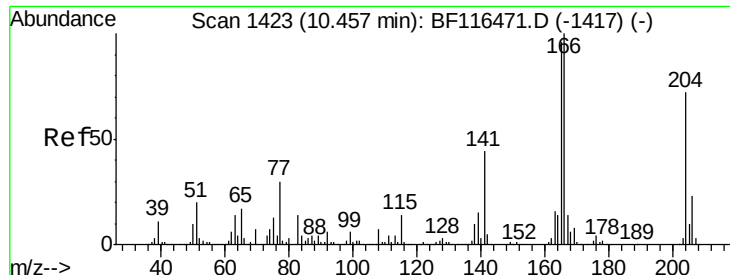


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

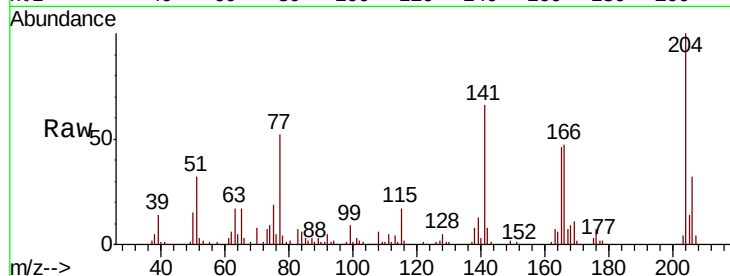




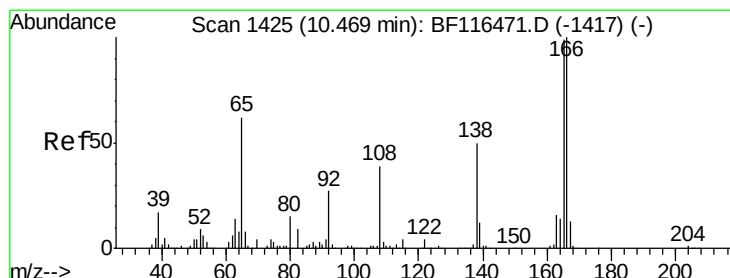
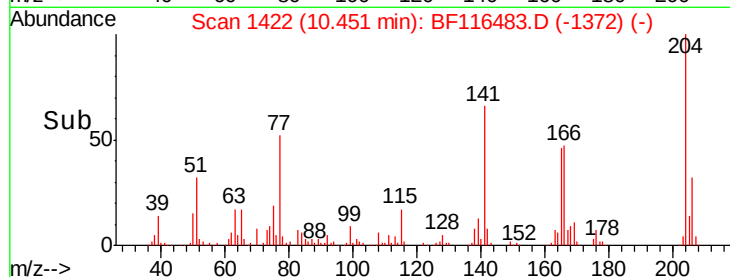
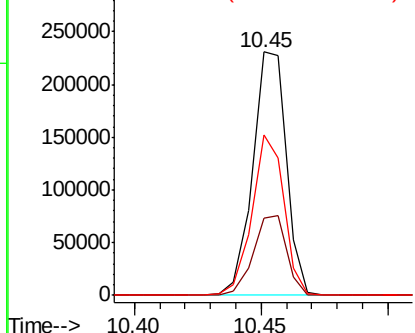
#61
 4-Chlorophenyl-phenylether
 Concen: 36.304 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tgt Ion: 204 Resp: 214568
 Ion Ratio Lower Upper
 204 100
 206 31.8 25.9 38.9
 141 66.0 48.6 73.0

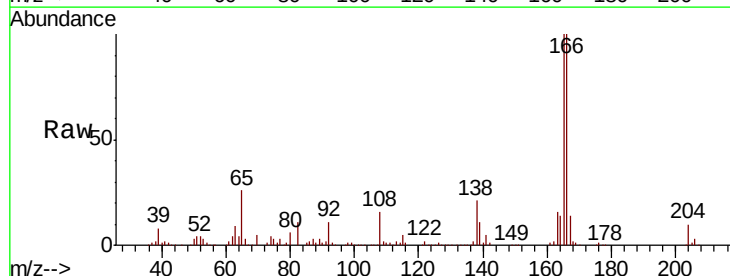


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

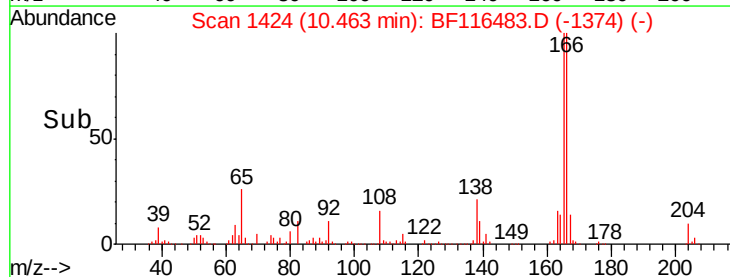
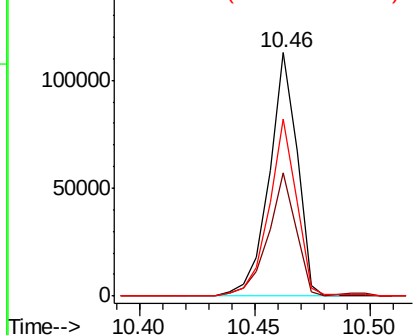


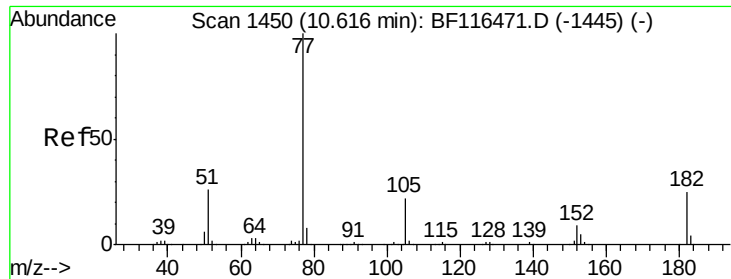
#62
 4-Nitroaniline
 Concen: 29.750 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion: 138 Resp: 95217
 Ion Ratio Lower Upper
 138 100
 92 50.8 34.9 74.9
 108 72.8 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: 36.000 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

Tgt Ion: 77 Resp: 487973

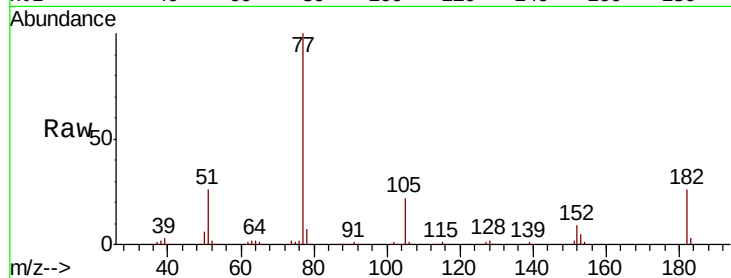
Ion Ratio Lower Upper

77 100

182 26.1 5.4 45.4

105 21.9 1.6 41.6

51 25.6 6.2 46.2

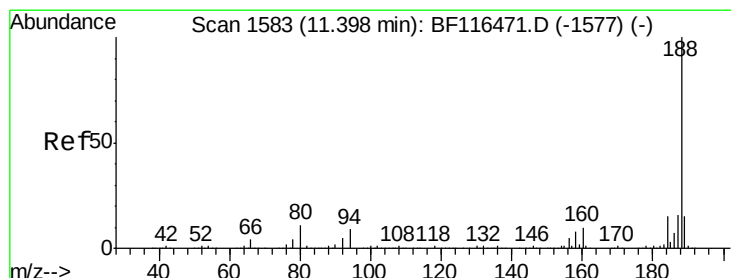
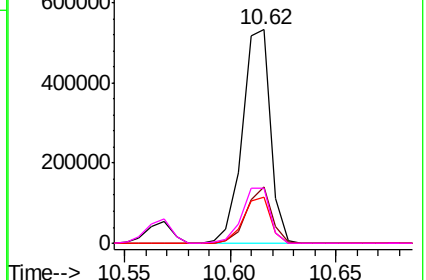
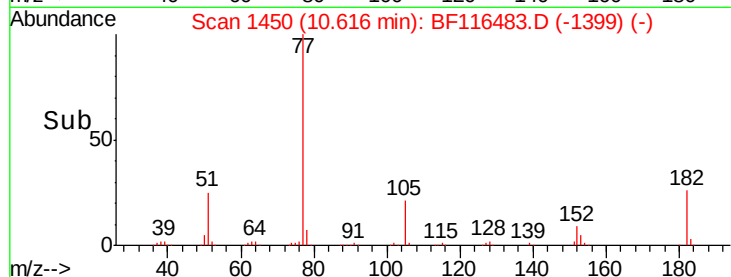


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

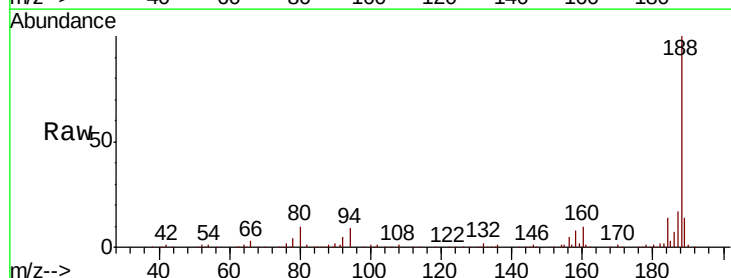
Tgt Ion: 188 Resp: 288193

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

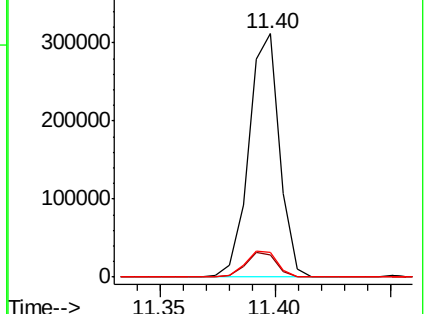
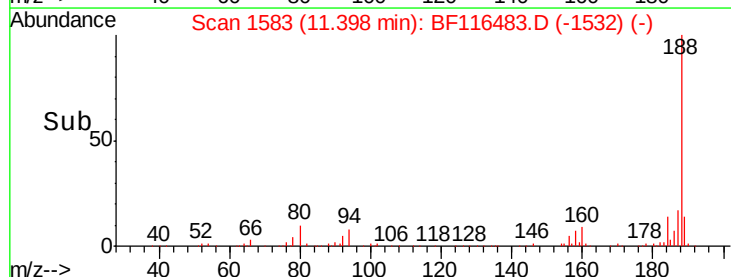
80 10.1 8.6 12.8

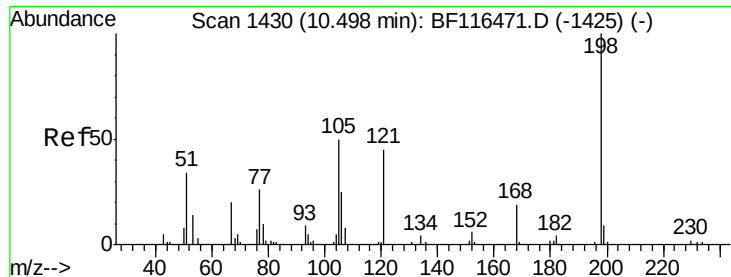


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

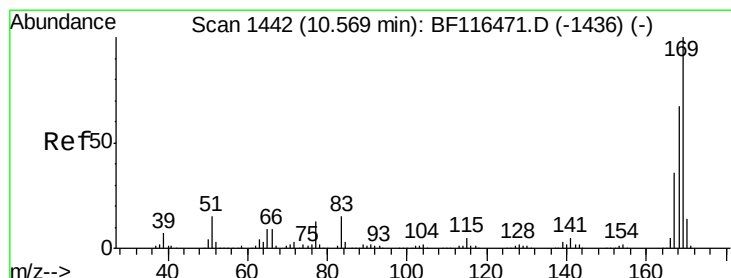
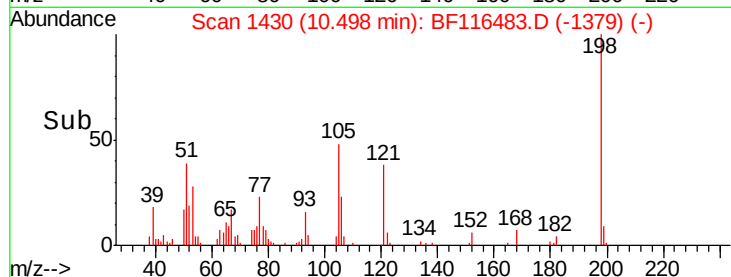
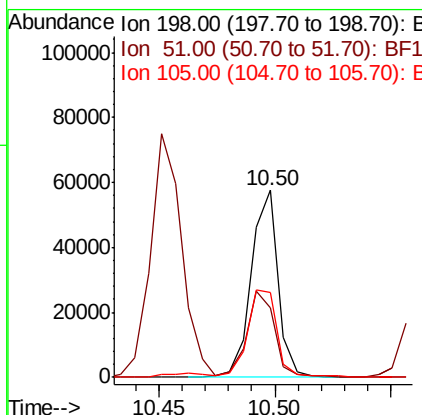
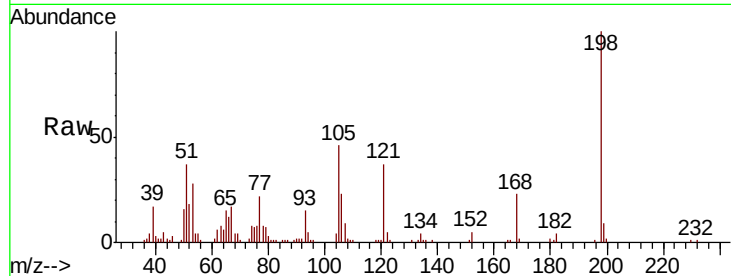




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.744 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

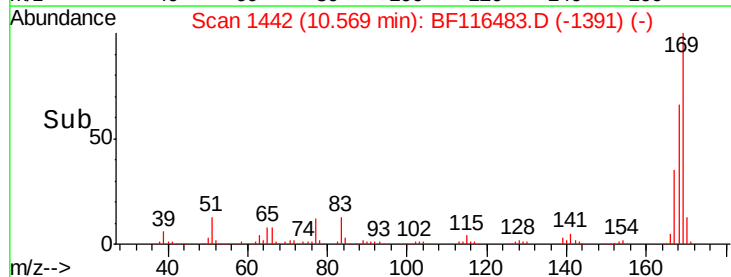
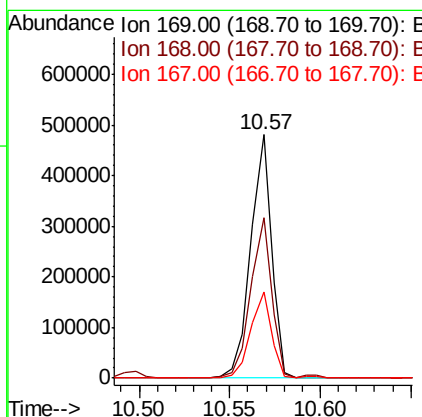
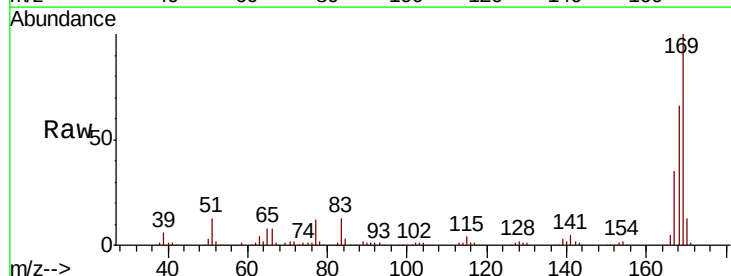
Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

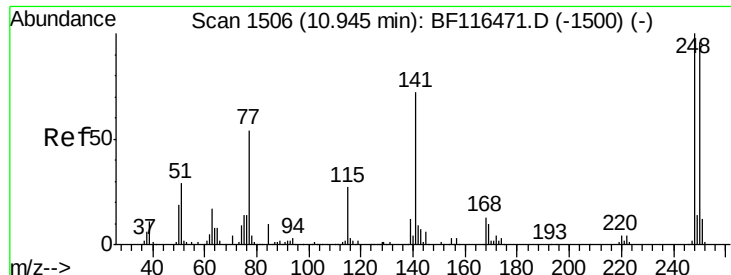
Tgt Ion:198 Resp: 46683
 Ion Ratio Lower Upper
 198 100
 51 37.4 30.4 70.4
 105 45.5 32.8 72.8



#66
 n-Nitrosodiphenylamine
 Concen: 41.511 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion:169 Resp: 387363
 Ion Ratio Lower Upper
 169 100
 168 65.7 53.6 80.4
 167 35.3 28.7 43.1

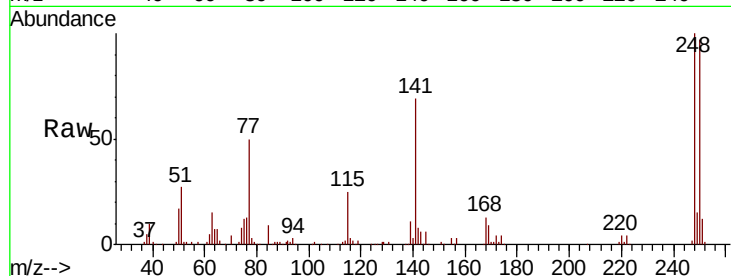




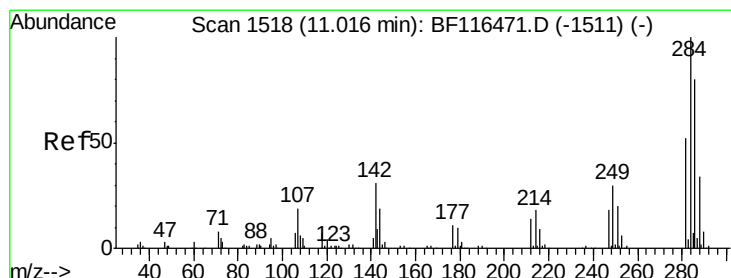
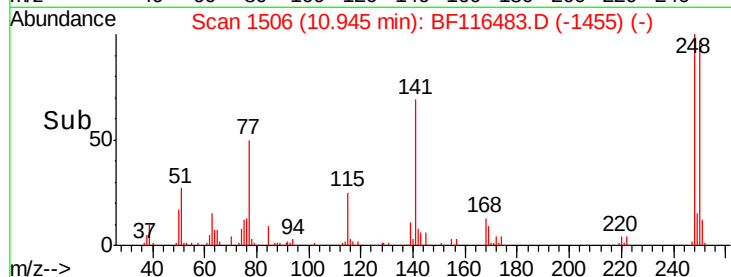
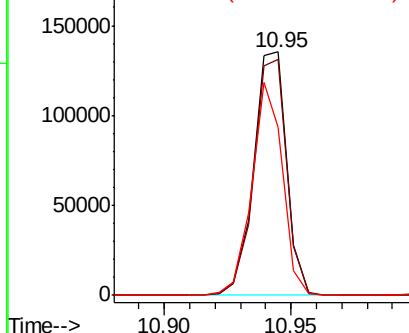
#67
 4-Bromophenyl-phenylether
 Concen: 40.568 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tgt Ion: 248 Resp: 122570
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.0 115.6
 141 69.2 57.4 86.0

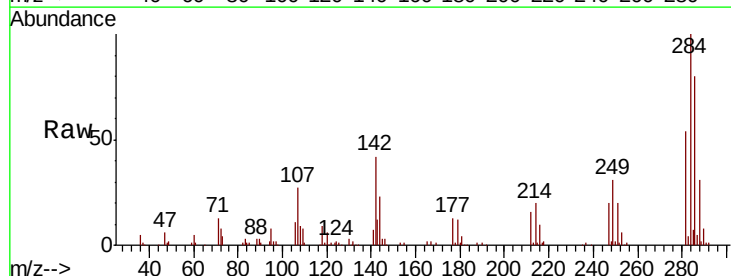


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

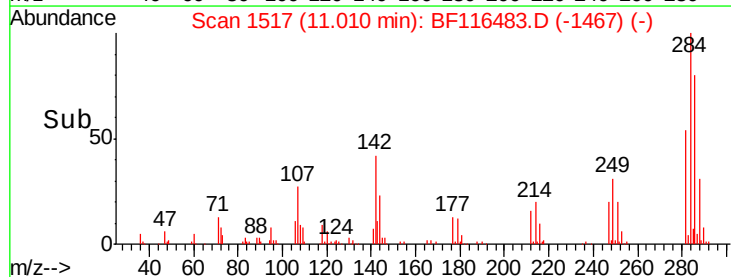
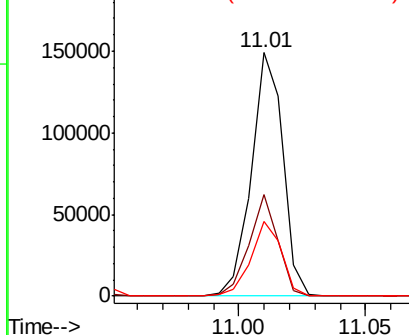


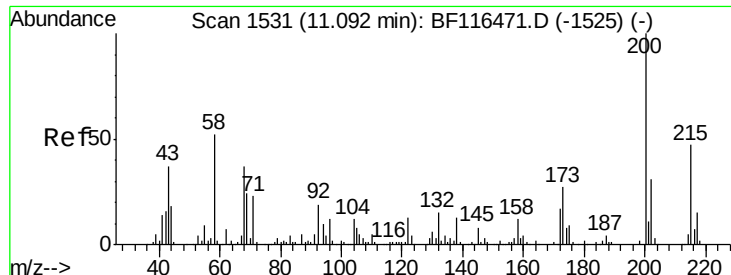
#68
 Hexachlorobenzene
 Concen: 38.601 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion: 284 Resp: 128996
 Ion Ratio Lower Upper
 284 100
 142 41.8 24.6 36.8#
 249 30.8 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

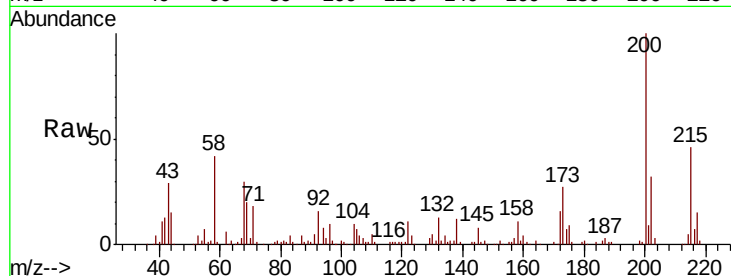




#69
 Atrazine
 Concen: 37.083 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.3	47.3
215	46.3	26.7	66.7

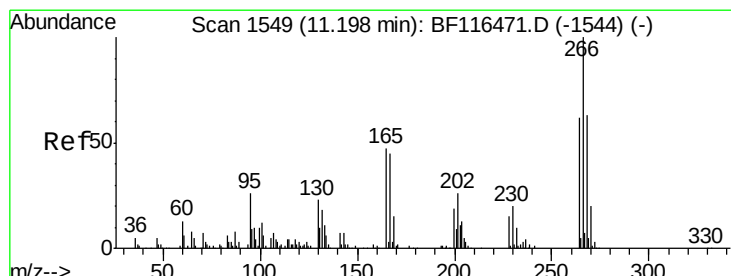
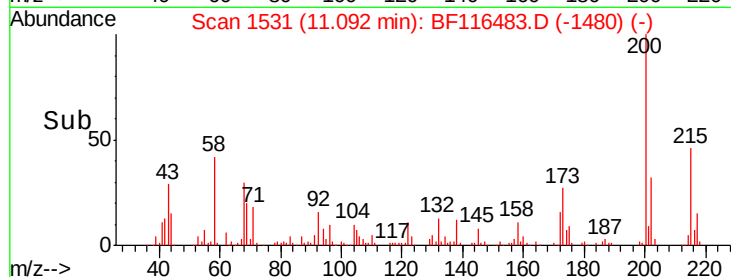
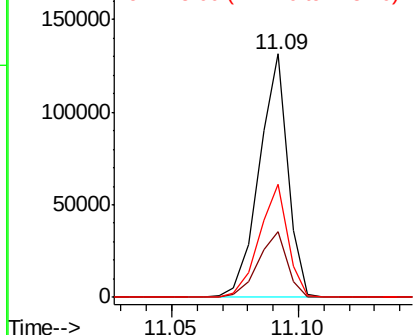


Abundance

Ion 200.00 (199.70 to 200.70): E

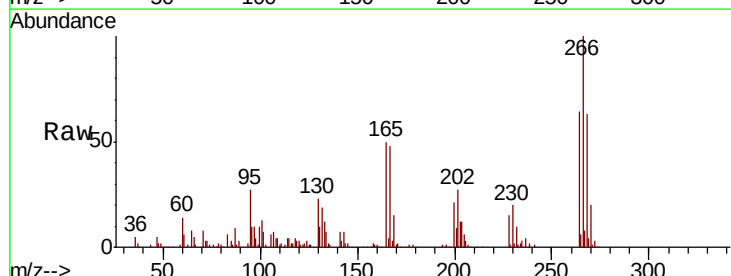
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 75.070 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.7	76.1
264	64.4	50.0	75.0

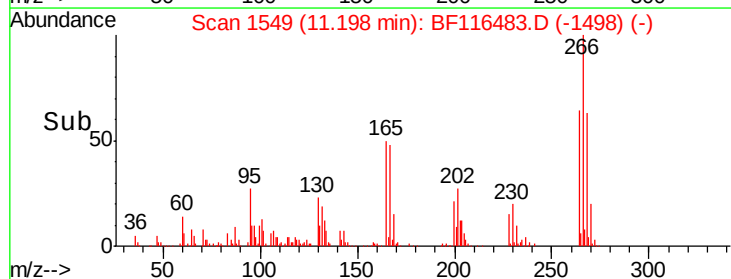
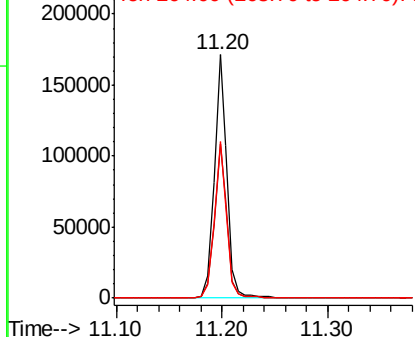


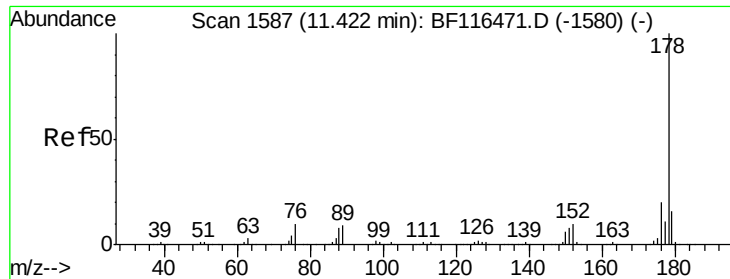
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.328 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

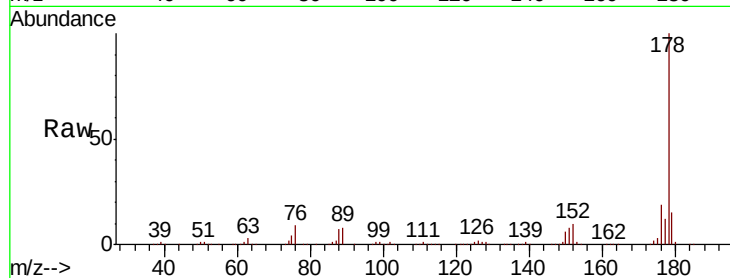
Tgt Ion:178 Resp: 617440

Ion Ratio Lower Upper

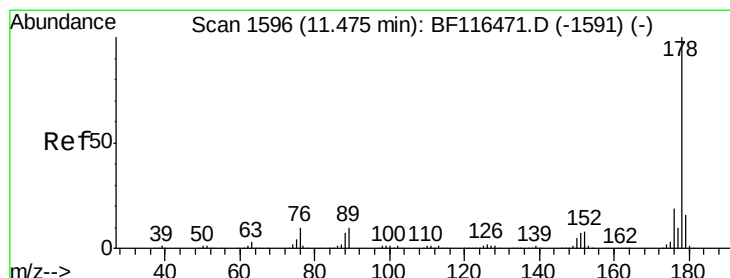
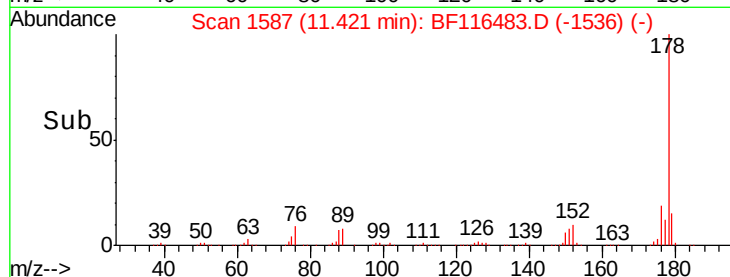
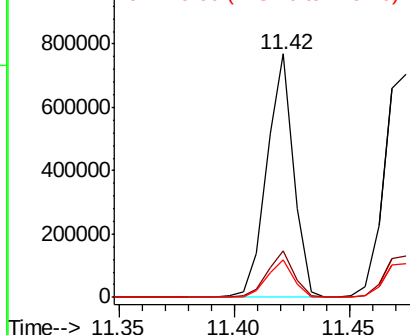
178 100

176 19.0 15.8 23.6

179 15.4 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: 40.077 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

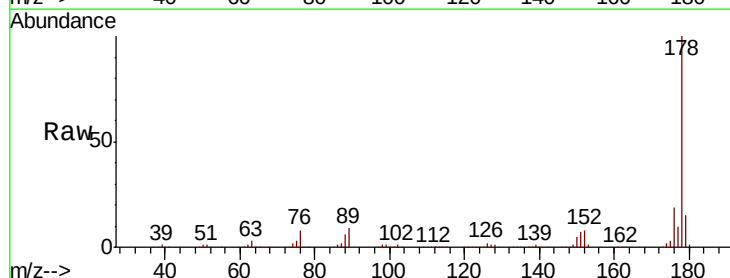
Tgt Ion:178 Resp: 632252

Ion Ratio Lower Upper

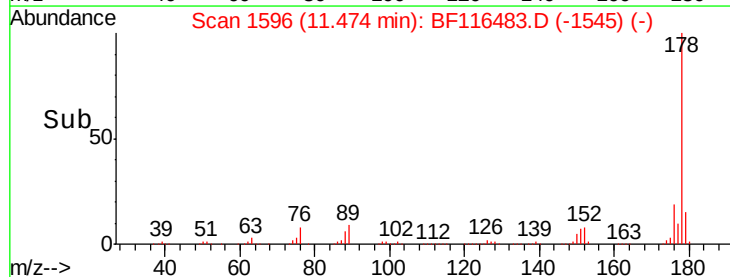
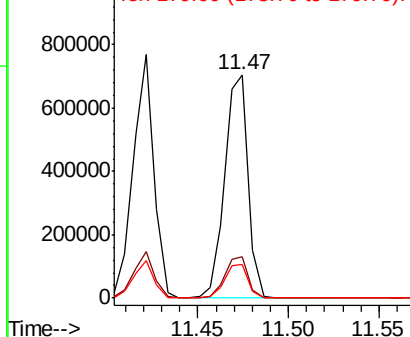
178 100

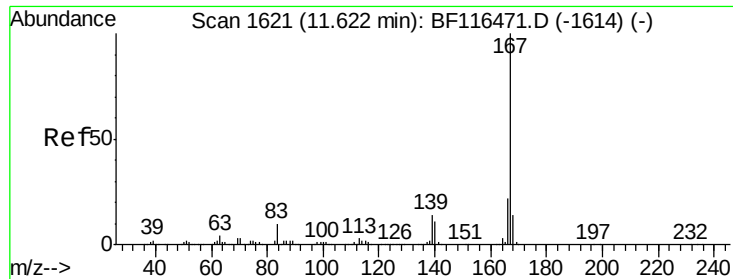
176 18.6 15.2 22.8

179 15.0 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

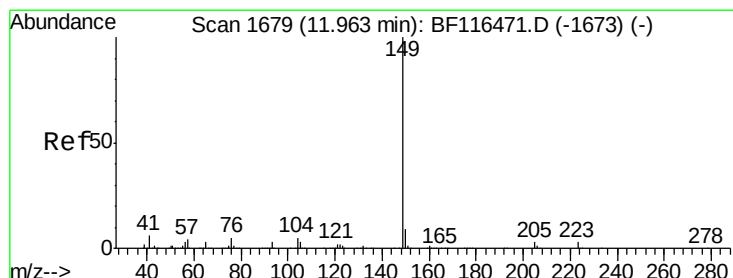
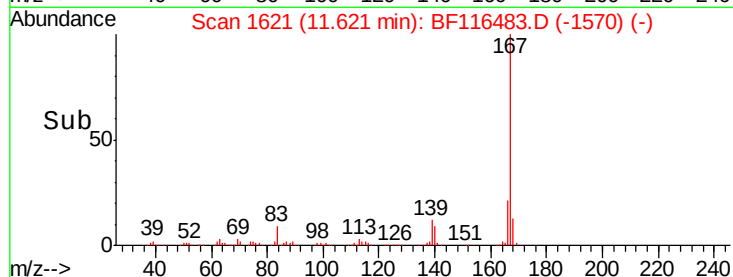
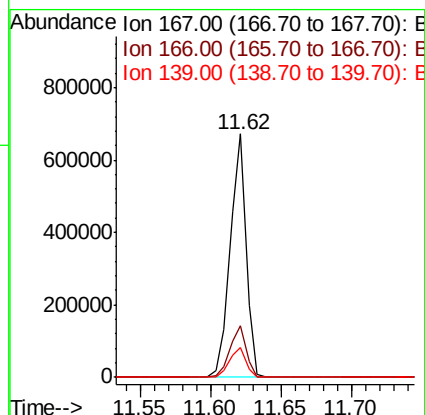
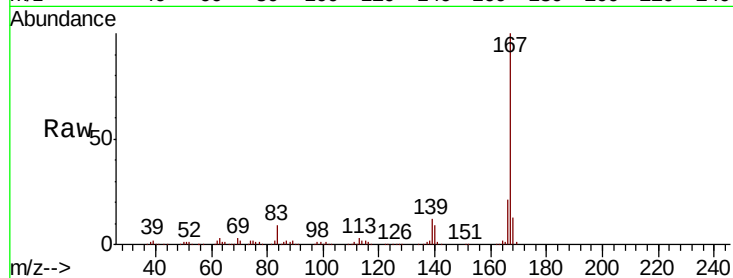




#73
 Carbazole
 Concen: 37.189 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

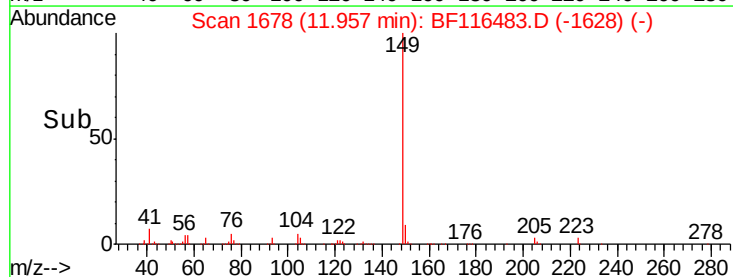
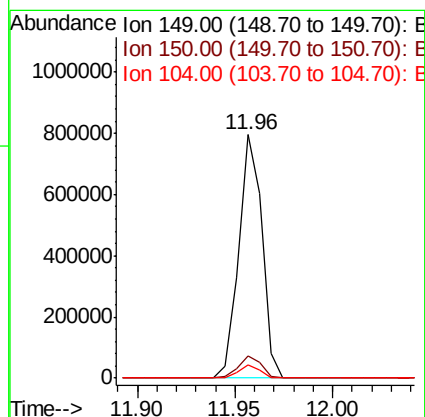
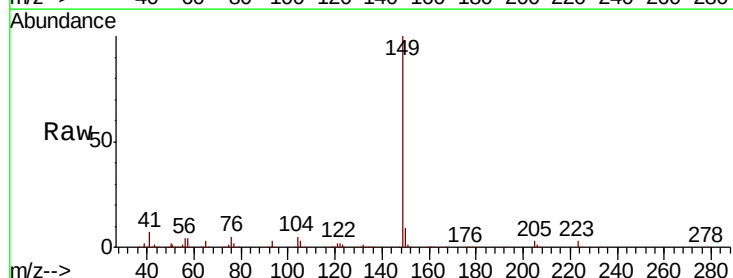
Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

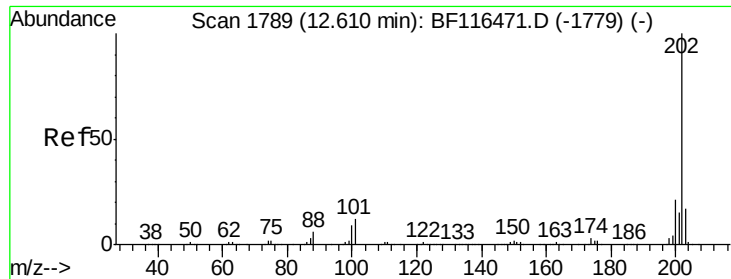
Tgt Ion:167 Resp: 526630
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.6
 139 12.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.342 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion:149 Resp: 655259
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.4 4.1 6.1

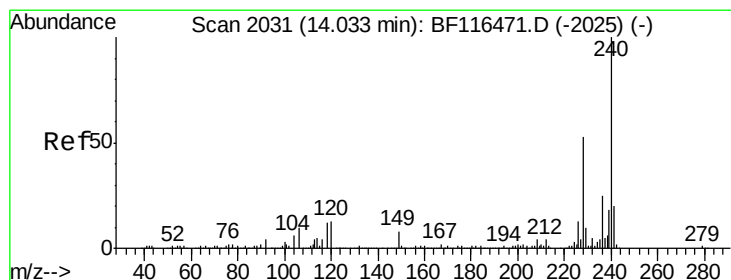
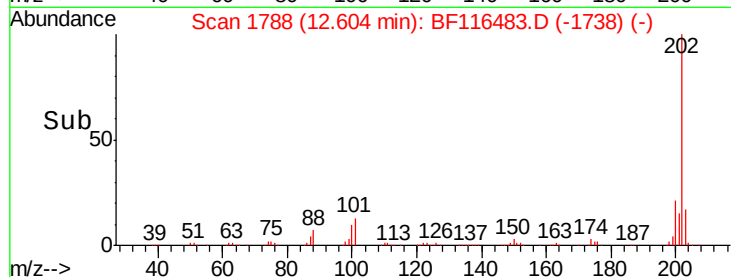
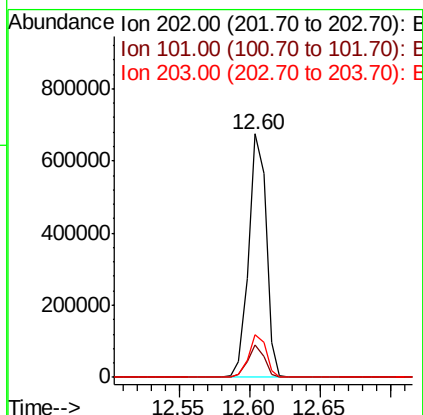
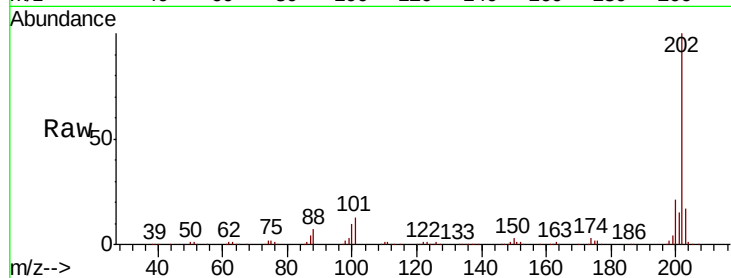




#75
 Fluoranthene
 Concen: 36.357 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

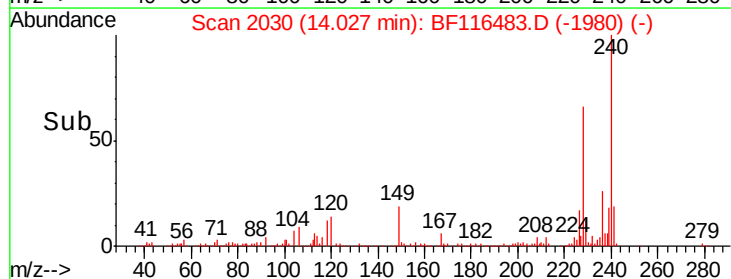
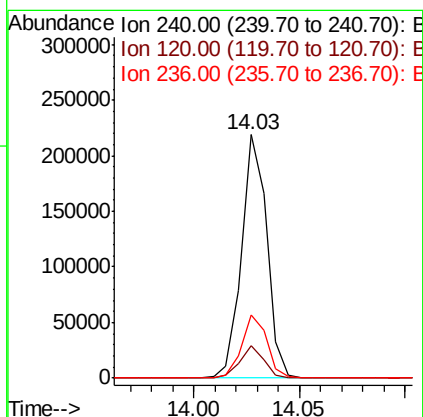
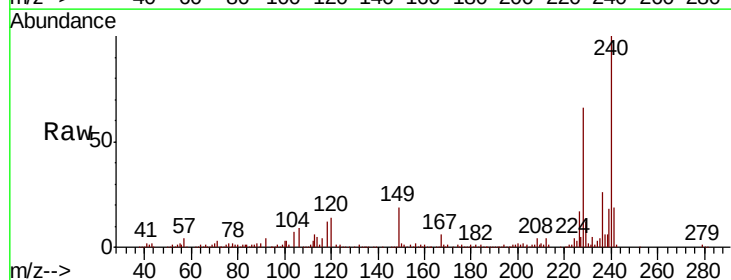
Instrument :
 BNA_F
 ClientSampleId :
 PB122424BS

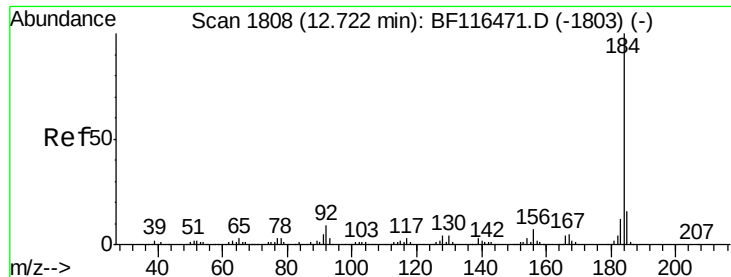
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	590114		
101	13.5		0.0	31.5
203	17.5		0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116483.D
 Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	180830		
120	13.6		10.5	15.7
236	26.0		20.2	30.2





#77

Benzidine

Concen: 33.980 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

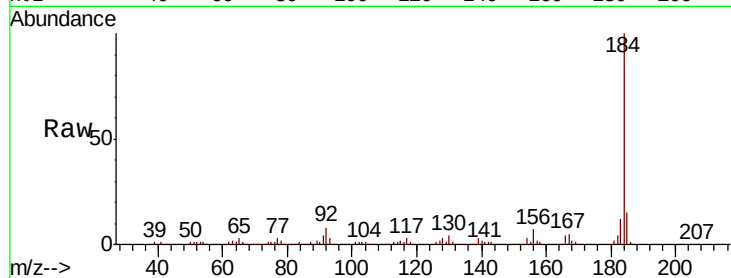
BNA_F

ClientSampleId :

PB122424BS

Tgt Ion:184 Resp: 247217

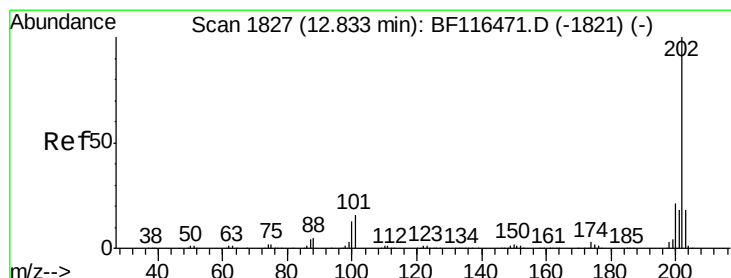
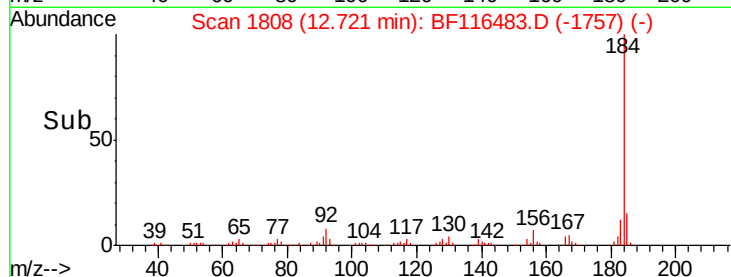
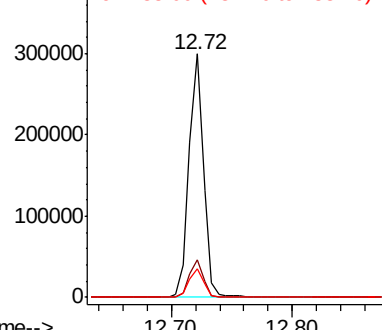
Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.4
183	11.5	9.8	14.6



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: 40.657 ng

RT: 12.83 min Scan# 1827

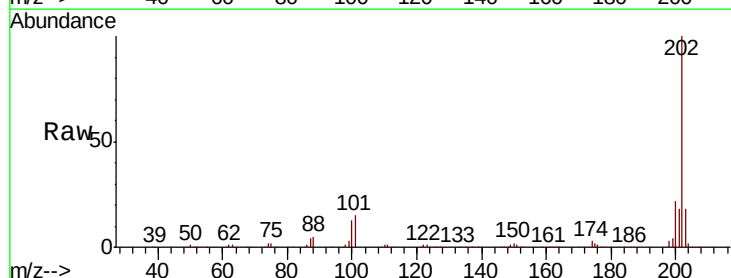
Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Tgt Ion:202 Resp: 587952

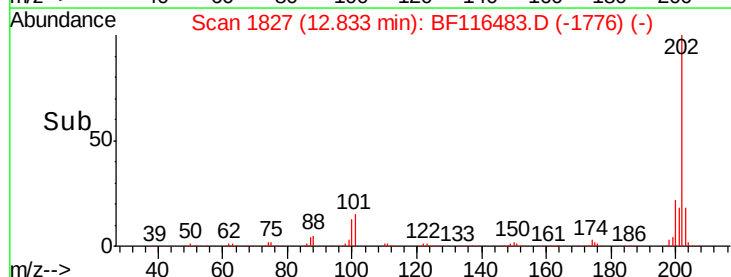
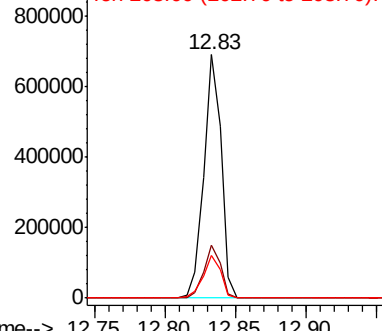
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.7	14.2	21.4

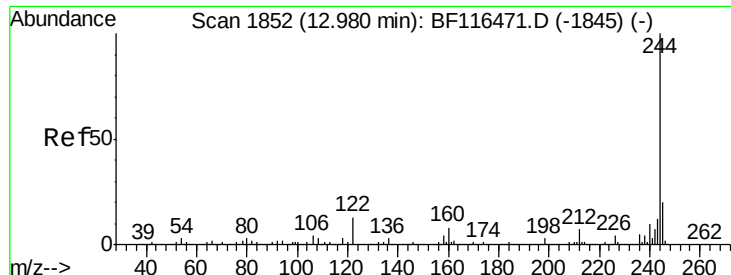


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.148 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

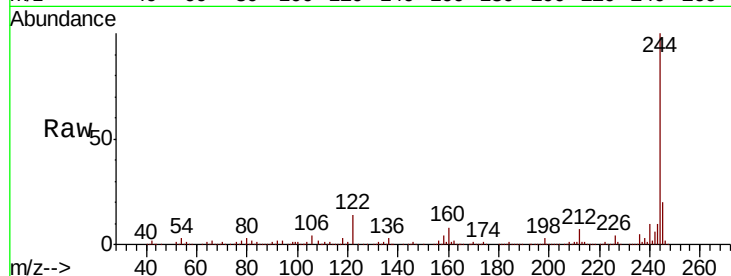
Tgt Ion:244 Resp: 630692

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

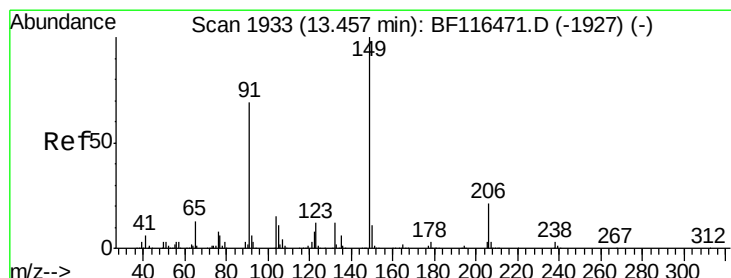
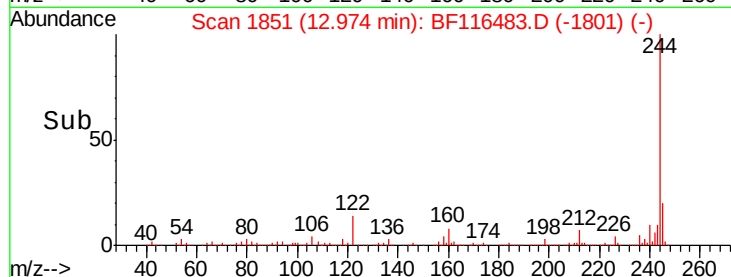
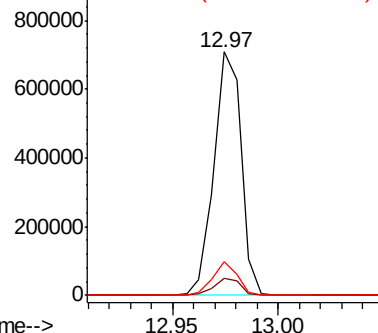
122 13.6 10.2 15.4



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: 38.873 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

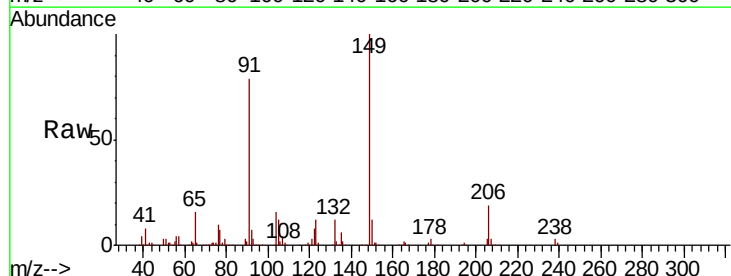
Tgt Ion:149 Resp: 242773

Ion Ratio Lower Upper

149 100

91 79.0 54.9 82.3

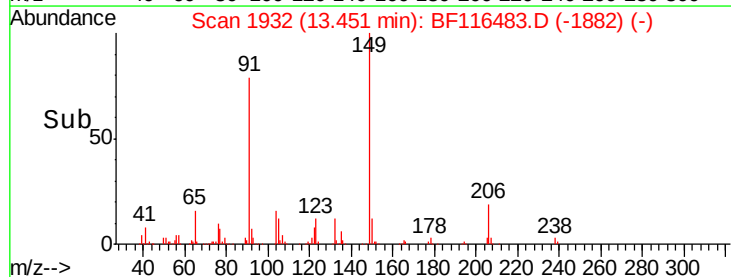
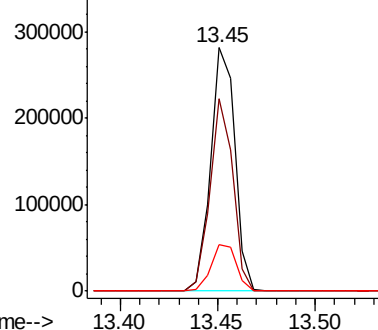
206 19.2 16.6 24.8

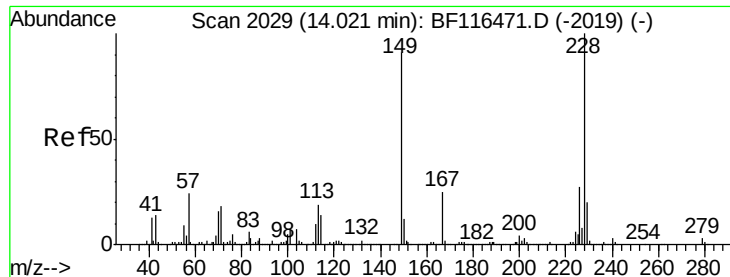


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.203 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

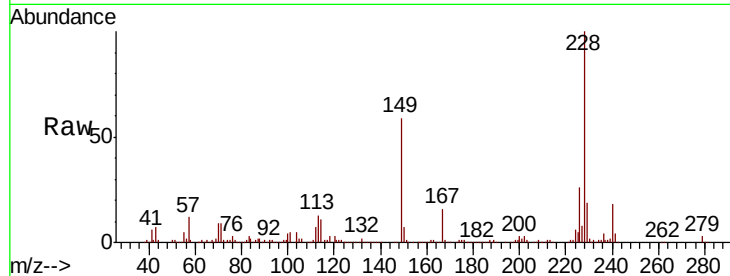
Tgt Ion:228 Resp: 459140

Ion Ratio Lower Upper

228 100

226 26.3 21.8 32.6

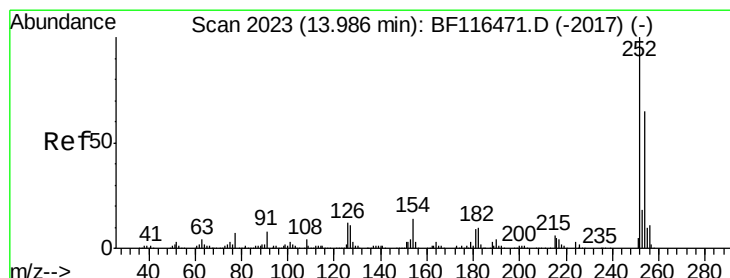
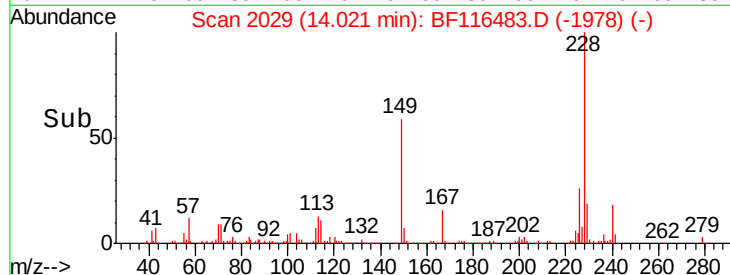
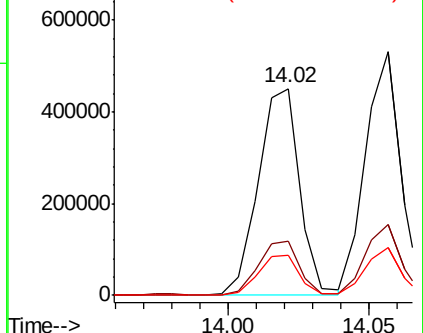
229 19.1 15.9 23.9



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: 31.470 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

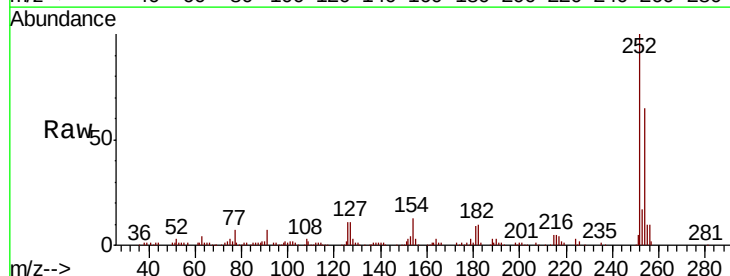
Tgt Ion:252 Resp: 131343

Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

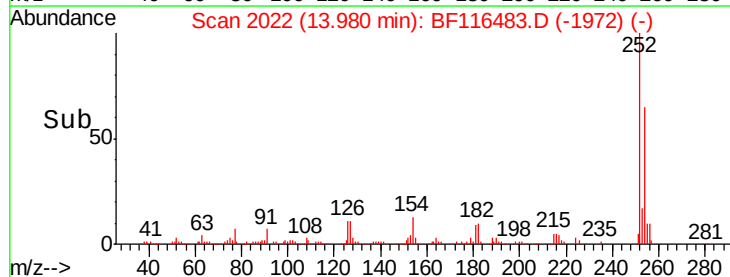
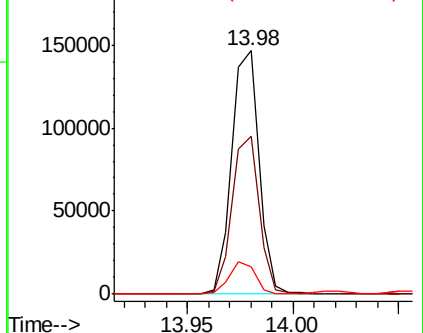
126 11.1 9.4 14.0

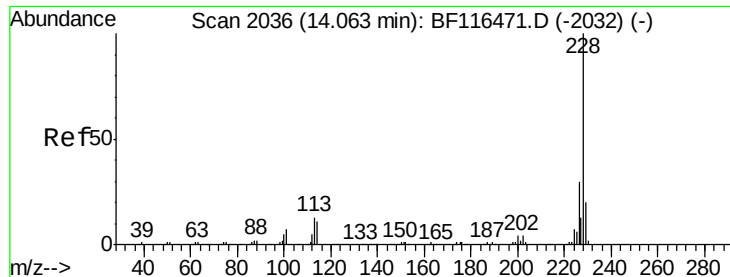


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.439 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

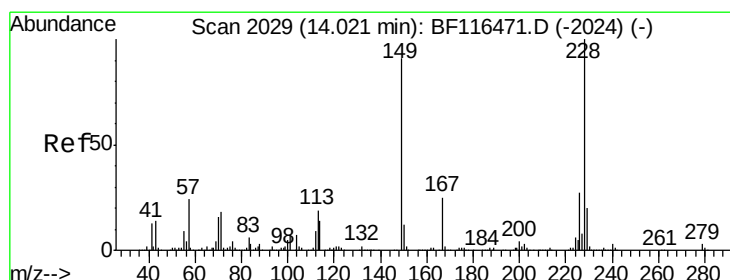
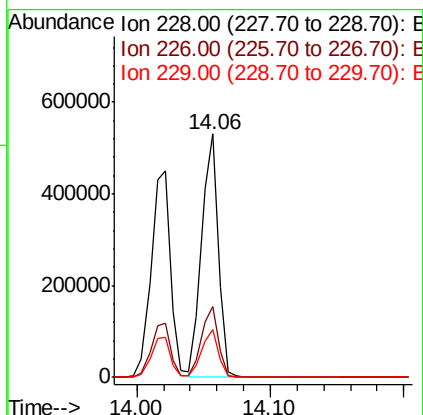
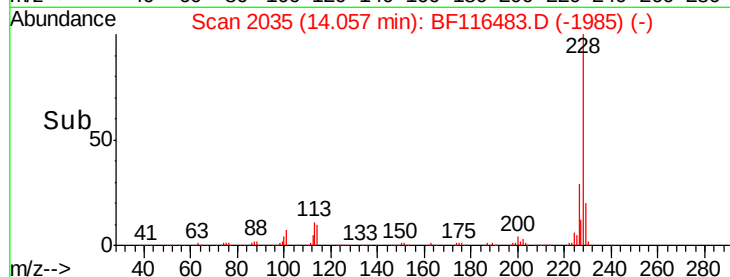
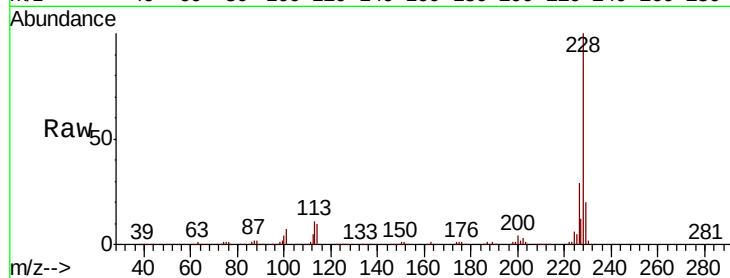
Tgt Ion:228 Resp: 456297

Ion Ratio Lower Upper

228 100

226 28.9 24.2 36.2

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.684 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

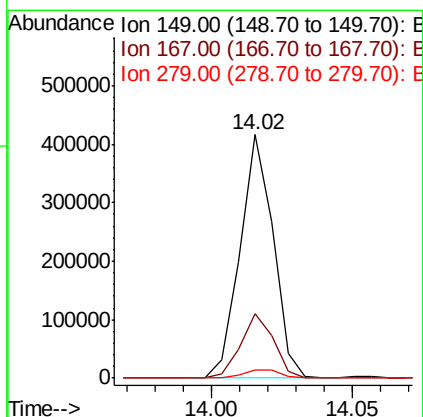
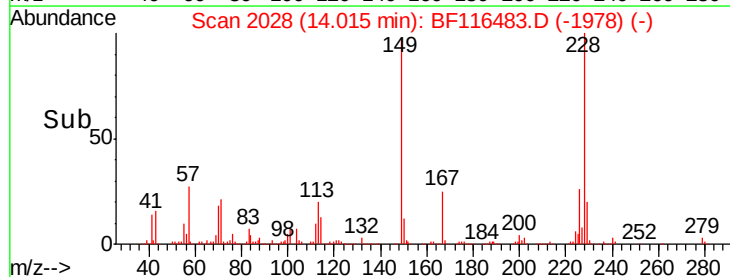
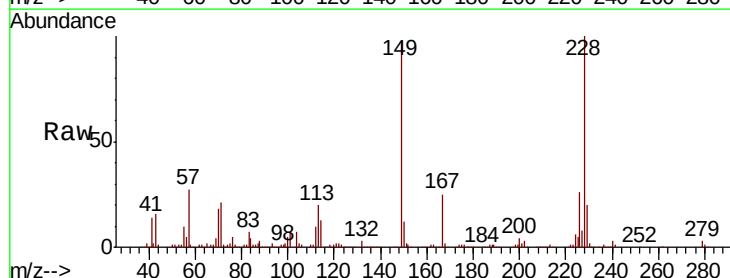
Tgt Ion:149 Resp: 338807

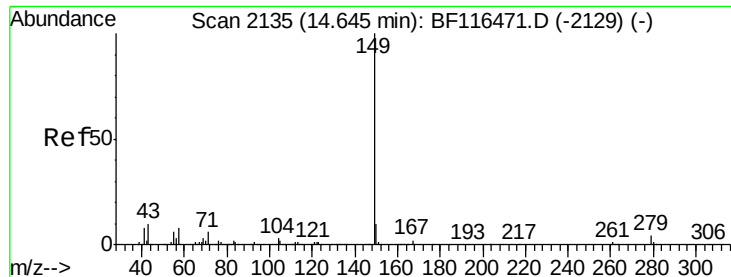
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

279 3.4 3.0 4.4

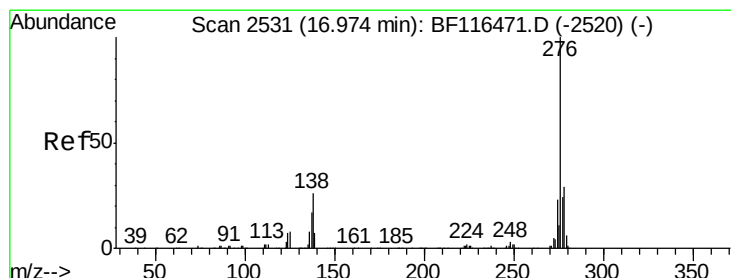
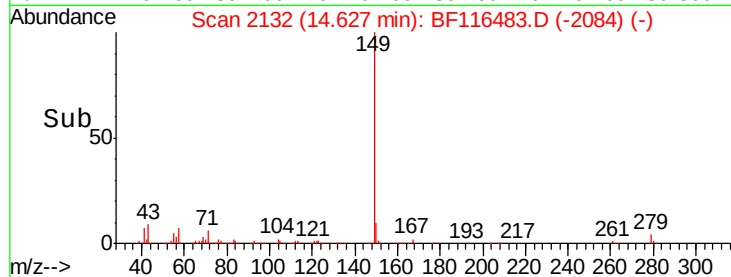
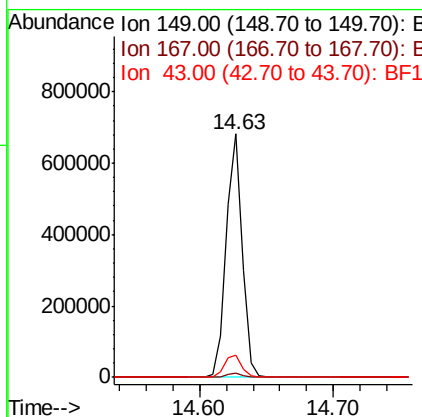
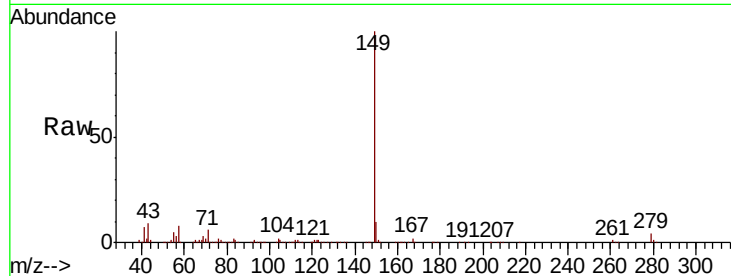




#85
Di-n-octyl phthalate
Concen: 41.116 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

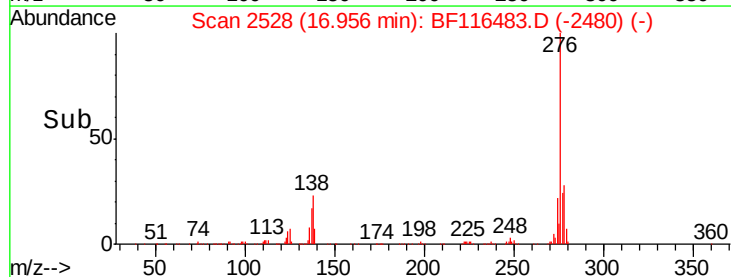
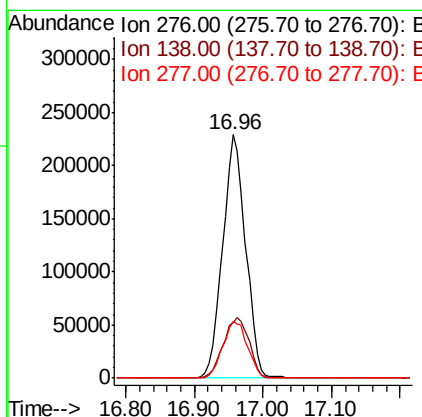
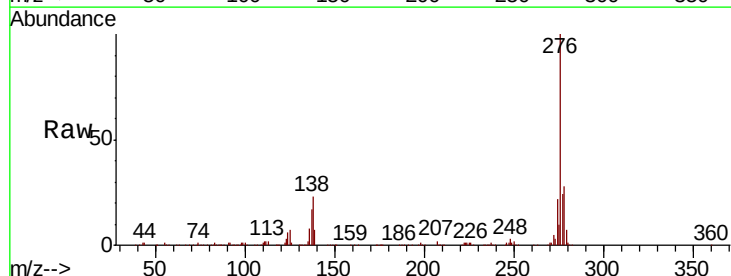
Instrument :
BNA_F
ClientSampleId :
PB122424BS

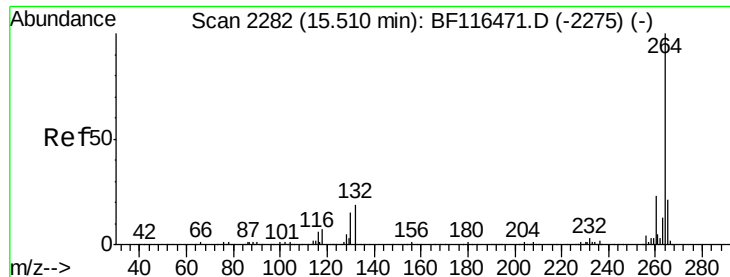
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.244 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.9	34.3
277	25.1	19.9	29.9

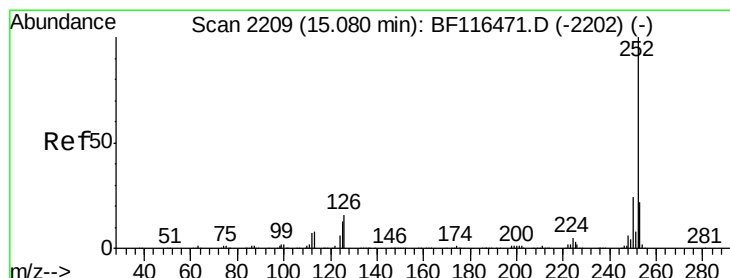
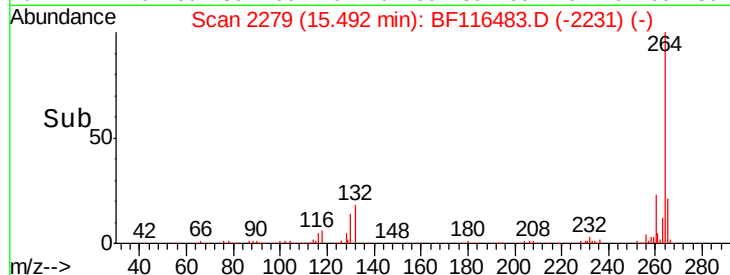
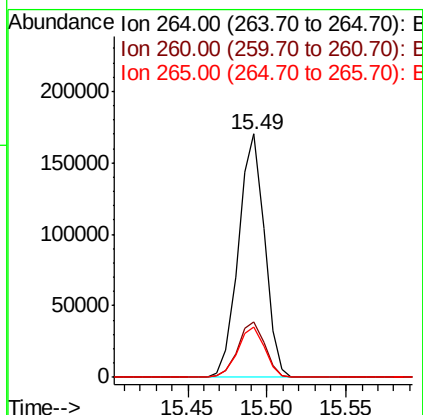
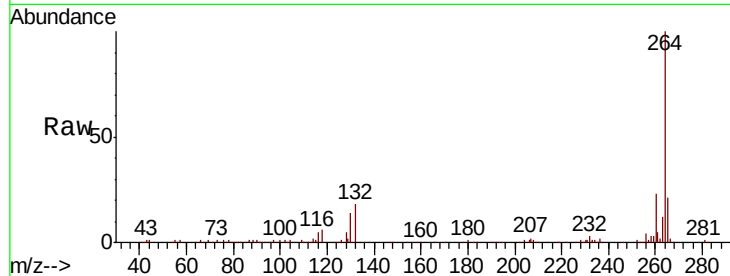




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

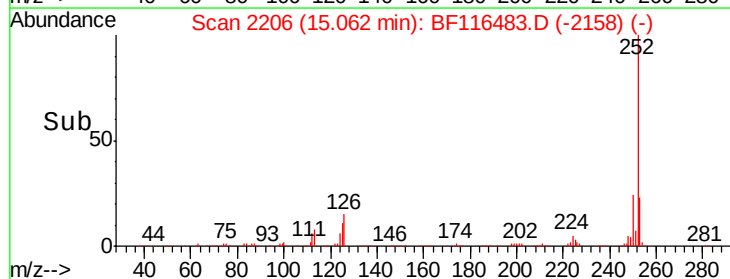
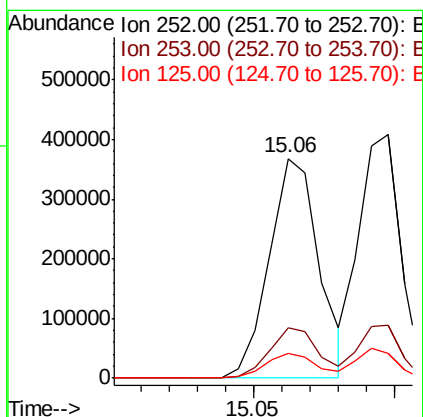
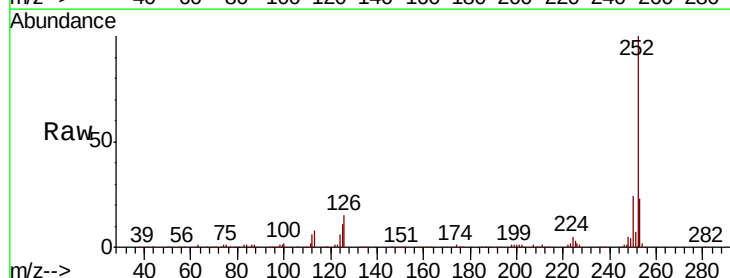
Instrument :
BNA_F
ClientSampleId :
PB122424BS

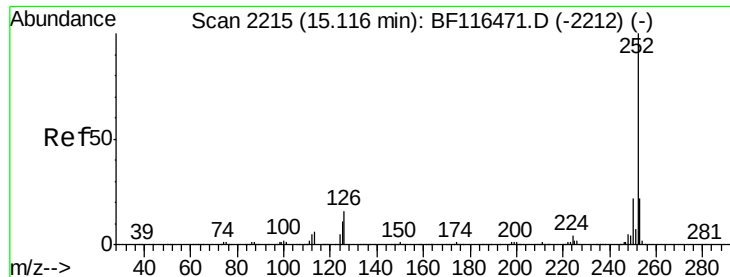
Tgt Ion: 264 Resp: 194119
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 20.8 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 37.529 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 252 Resp: 450034
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.2 10.1 15.1

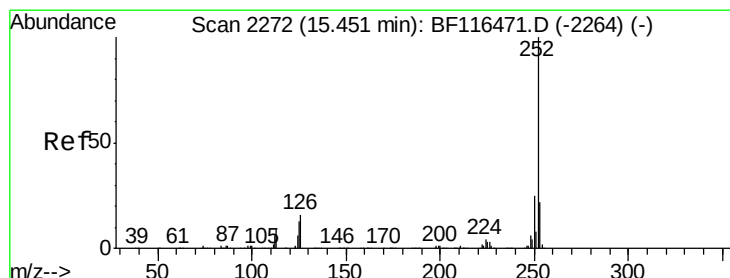
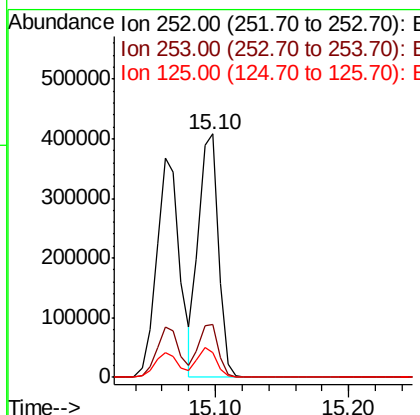
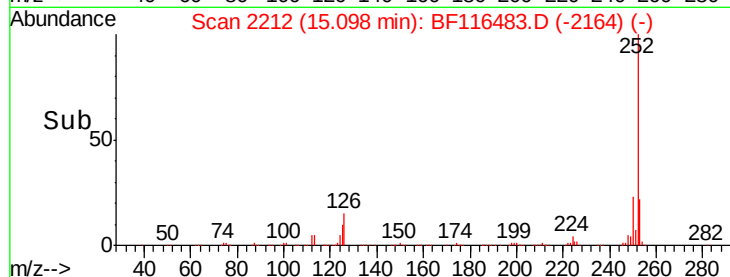
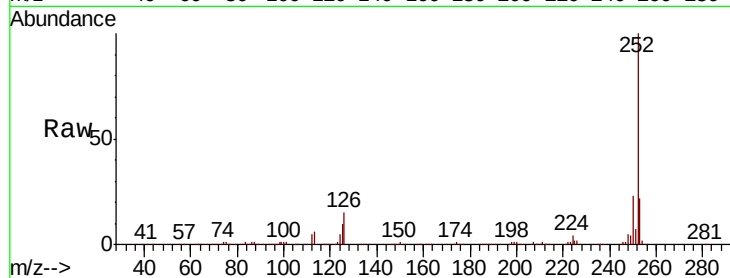




#89
Benzo(k)fluoranthene
Concen: 38.656 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

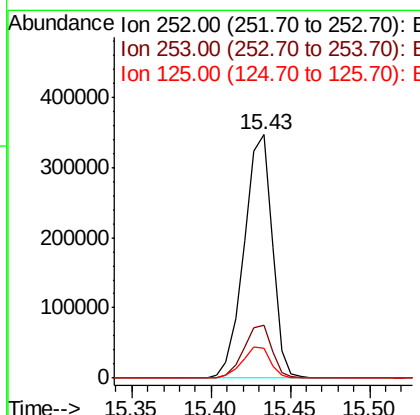
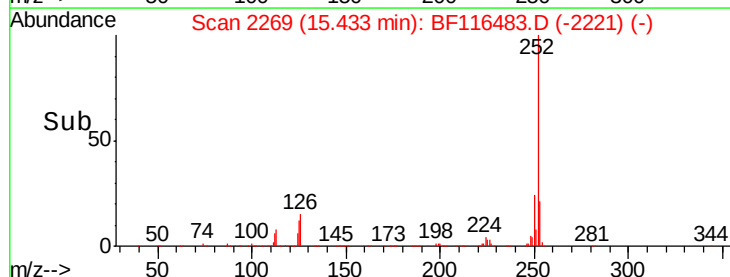
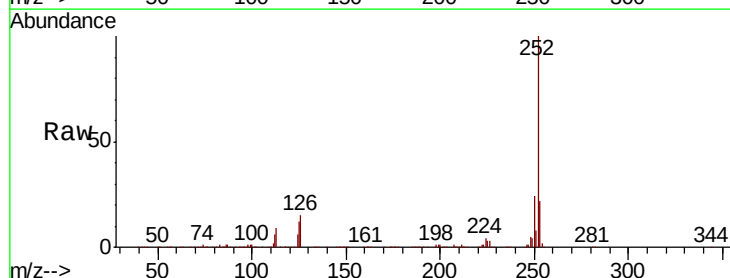
Instrument :
BNA_F
ClientSampleId :
PB122424BS

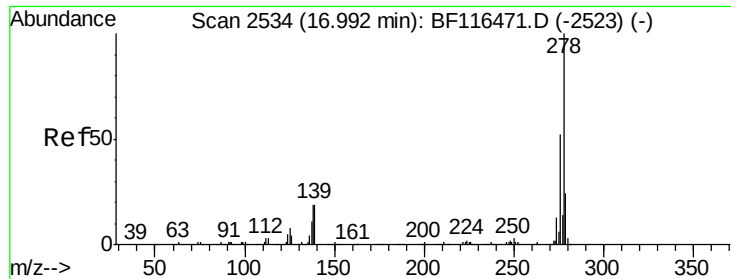
Tgt Ion: 252 Resp: 419960
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.0 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.438 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116483.D
Acq: 23 Aug 2019 18:01

Tgt Ion: 252 Resp: 428579
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 12.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 50.775 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

Instrument :

BNA_F

ClientSampleId :

PB122424BS

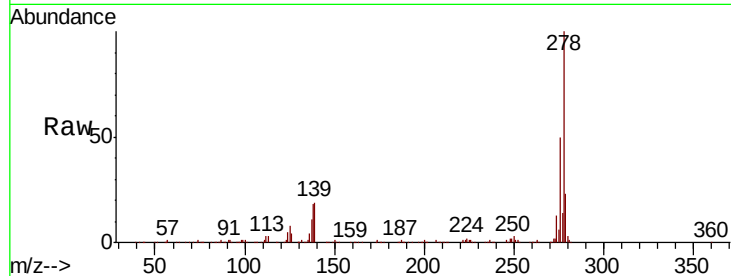
Tgt Ion:278 Resp: 442190

Ion Ratio Lower Upper

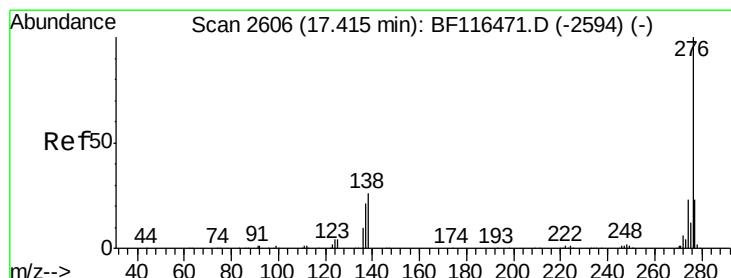
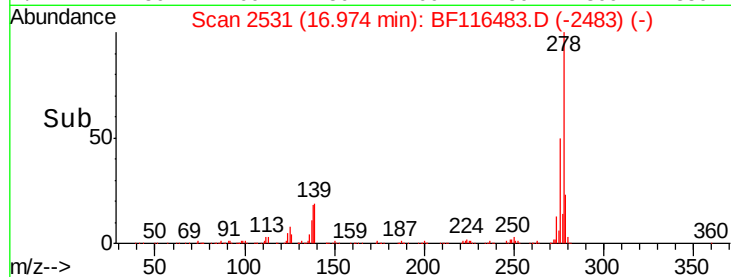
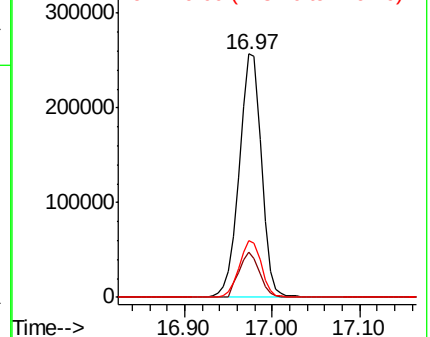
278 100

139 18.5 15.3 22.9

279 23.3 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: 54.650 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF116483.D

Acq: 23 Aug 2019 18:01

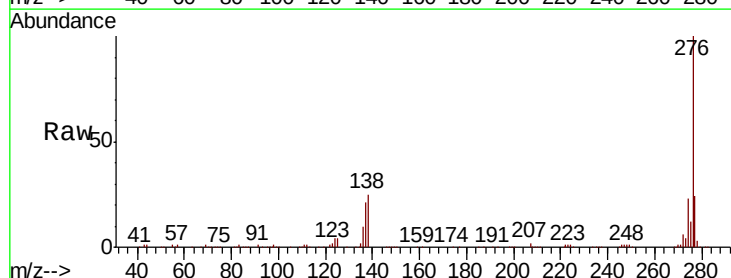
Tgt Ion:276 Resp: 453730

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 25.3 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

