

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115781.D
 Acq On : 26 Jul 2019 10:43
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:57:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	188427	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	797545	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	408607	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	786993	20.00	ng	0.00
76) Chrysene-d12	14.04	240	557128	20.00	ng	0.00
87) Perylene-d12	15.50	264	533641	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	885810	76.90	ng	0.00
7) Phenol-d6	6.51	99	1148138	78.55	ng	0.00
23) Nitrobenzene-d5	7.44	82	1063895	77.57	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	344136	72.15	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1770258	75.83	ng	0.00
79) Terphenyl-d14	12.98	244	2053759	68.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	211866	36.871	ng	99
3) Pyridine	3.41	79	587801	37.704	ng	100
4) n-Nitrosodimethylamine	3.36	42	238126	42.104	ng	97
6) Aniline	6.54	93	797480	39.204	ng	99
8) 2-Chlorophenol	6.66	128	513894	38.801	ng	97
9) Benzaldehyde	6.42	77	362251	39.658	ng	99
10) Phenol	6.52	94	667340	39.328	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	509919	39.471	ng	96
12) 1,3-Dichlorobenzene	6.82	146	571371	38.371	ng	99
13) 1,4-Dichlorobenzene	6.89	146	570835	38.421	ng	99
14) 1,2-Dichlorobenzene	7.05	146	529158	38.961	ng	99
15) Benzyl Alcohol	7.02	79	452146	38.994	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	692544	40.718	ng	99
17) 2-Methylphenol	7.13	107	440180	38.566	ng	98
18) Hexachloroethane	7.39	117	214206	38.843	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	364561	38.242	ng	99
20) 3+4-Methylphenols	7.28	107	504889	37.241	ng	90
22) Acetophenone	7.29	105	676070	37.523	ng	# 97
24) Nitrobenzene	7.46	77	581836	39.329	ng	96
25) Isophorone	7.70	82	1049949	38.255	ng	99
26) 2-Nitrophenol	7.77	139	292205	38.374	ng	98
27) 2,4-Dimethylphenol	7.81	122	407628	35.777	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	656848	39.011	ng	99
29) 2,4-Dichlorophenol	8.02	162	453163	38.244	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	503664	37.604	ng	99
31) Naphthalene	8.18	128	1471291	38.091	ng	99
32) Benzoic acid	7.95	122	268552	28.721	ng	99
33) 4-Chloroaniline	8.22	127	663535	38.783	ng	98
34) Hexachlorobutadiene	8.30	225	294613	38.357	ng	98
35) Caprolactam	8.61	113	146082	39.896	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	484837	39.446	ng	98
37) 2-Methylnaphthalene	8.87	142	987110	38.554	ng	99
38) 1-Methylnaphthalene	8.97	142	943254	38.786	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	456382	37.090	ng	100

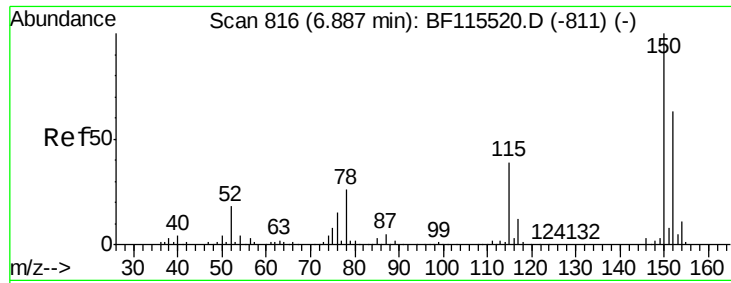
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115781.D
 Acq On : 26 Jul 2019 10:43
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:57:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	287111	40.905	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	317575	35.293	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	336431	36.508	ng	97
46) 1,1'-Biphenyl	9.33	154	1188588	37.208	ng	100
47) 2-Chloronaphthalene	9.36	162	989362	37.196	ng	99
48) 2-Nitroaniline	9.45	65	326719	39.686	ng	96
49) Acenaphthylene	9.77	152	1473562	37.388	ng	100
50) Dimethylphthalate	9.63	163	1194339	38.850	ng	100
51) 2,6-Dinitrotoluene	9.69	165	261905	37.488	ng	94
52) Acenaphthene	9.95	154	888425	34.915	ng	99
53) 3-Nitroaniline	9.86	138	311359	38.999	ng	95
54) 2,4-Dinitrophenol	9.97	184	126984	35.402	ng	96
55) Dibenzofuran	10.12	168	1319253	36.508	ng	99
56) 4-Nitrophenol	10.03	139	212629	34.926	ng	97
57) 2,4-Dinitrotoluene	10.10	165	350919	38.770	ng	92
58) Fluorene	10.46	166	991357	38.376	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	285009	36.998	ng	99
60) Diethylphthalate	10.33	149	1125487	39.074	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	514734	35.931	ng	96
62) 4-Nitroaniline	10.48	138	318026	41.528	ng	99
63) Azobenzene	10.61	77	1136775	40.688	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	174403	36.272	ng	91
66) n-Nitrosodiphenylamine	10.57	169	915635	37.403	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	329965	36.689	ng	98
68) Hexachlorobenzene	11.02	284	378489	36.852	ng	97
69) Atrazine	11.09	200	279183	34.763	ng	99
70) Pentachlorophenol	11.20	266	230584	36.707	ng	100
71) Phenanthrene	11.42	178	1518206	37.635	ng	99
72) Anthracene	11.47	178	1536624	36.858	ng	99
73) Carbazole	11.63	167	1426715	39.025	ng	100
74) Di-n-butylphthalate	11.95	149	1762926	39.148	ng	100
75) Fluoranthene	12.61	202	1620995	38.025	ng	99
77) Benzidine	12.72	184	764597	38.740	ng	99
78) Pyrene	12.84	202	1659050	35.148	ng	99
80) Butylbenzylphthalate	13.44	149	768991	38.216	ng	98
81) Benzo(a)anthracene	14.03	228	1435320	39.106	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	506137	38.790	ng	99
83) Chrysene	14.06	228	1363979	37.019	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1029702	41.313	ng	99
85) Di-n-octyl phthalate	14.62	149	1579544	39.830	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1164090	37.188	ng	99
88) Benzo(b)fluoranthene	15.08	252	1237800	36.022	ng	100
89) Benzo(k)fluoranthene	15.11	252	1168683	38.148	ng	99
90) Benzo(a)pyrene	15.44	252	1098485	37.194	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	958129	36.954	ng	99
92) Benzo(g,h,i)perylene	17.43	276	901056	34.846	ng	97

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

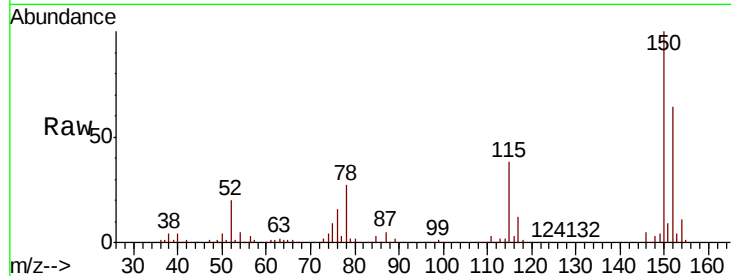


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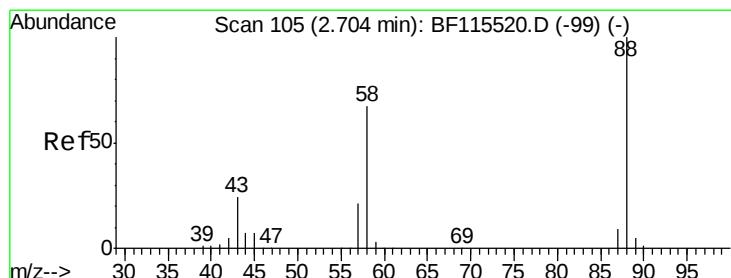
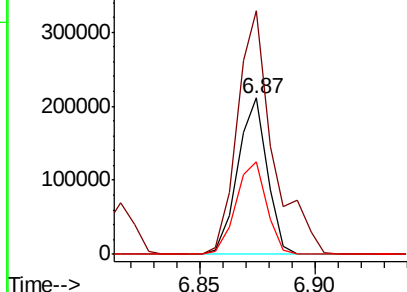
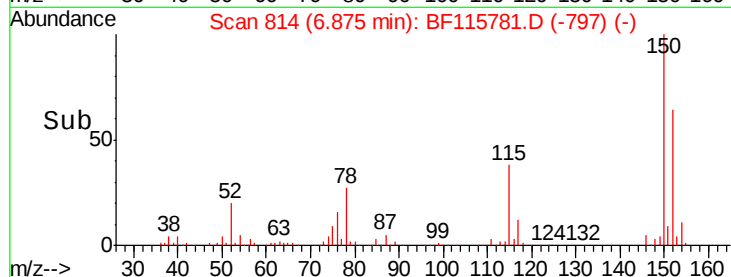
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 188427
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 59.3 47.8 71.6



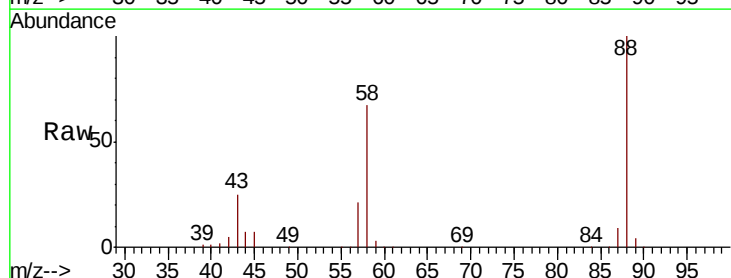
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



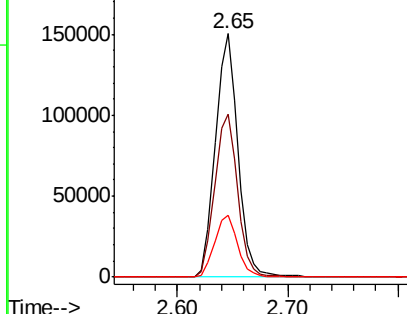
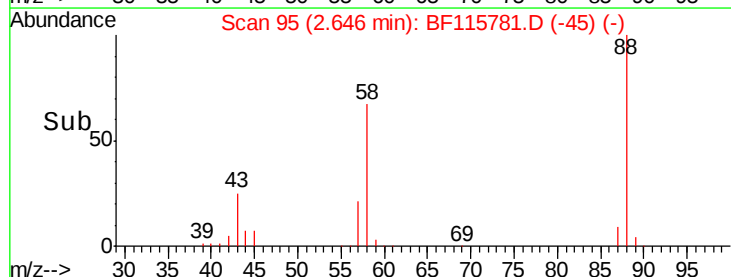
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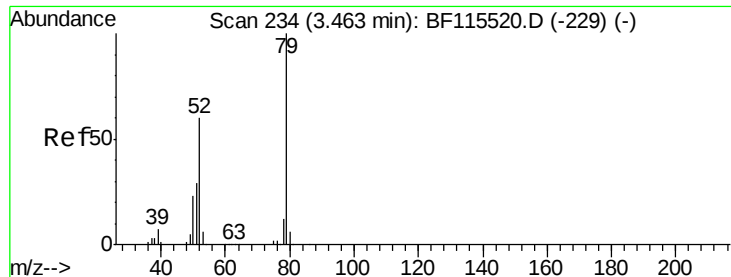
1,4-Dioxane
Concen: 36.871 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion: 88 Resp: 211866
Ion Ratio Lower Upper
88 100
58 68.4 54.2 81.4
43 26.1 20.8 31.2



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

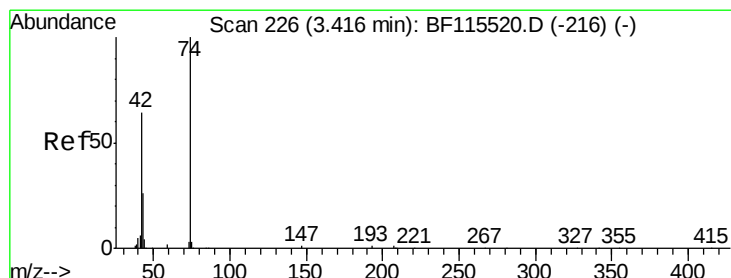
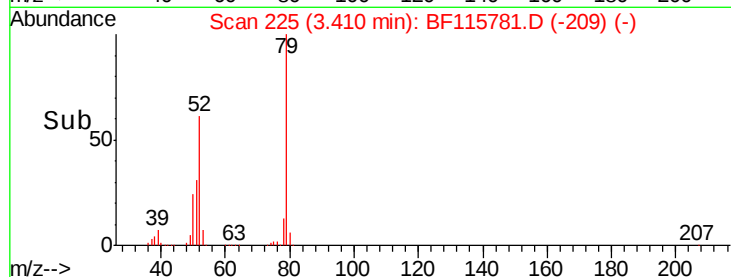
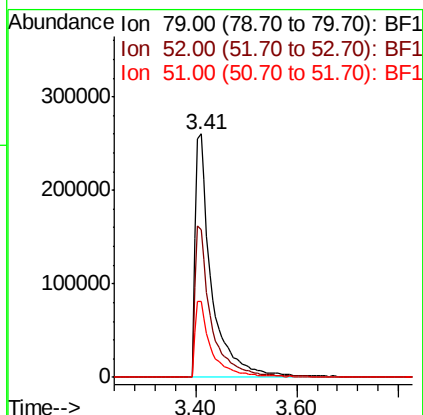
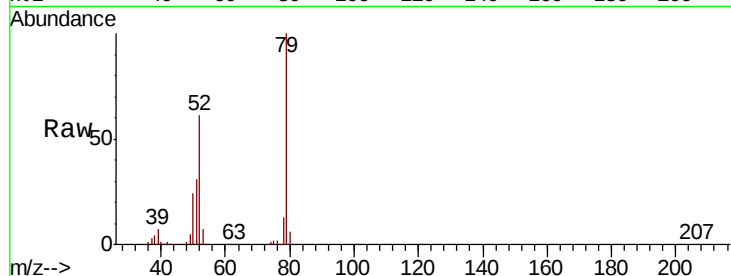




#3
 Pvridine
 Concen: 37.704 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

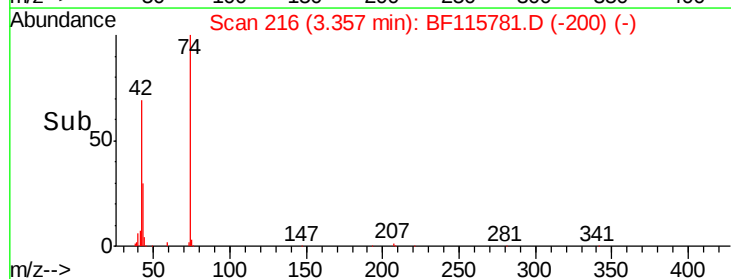
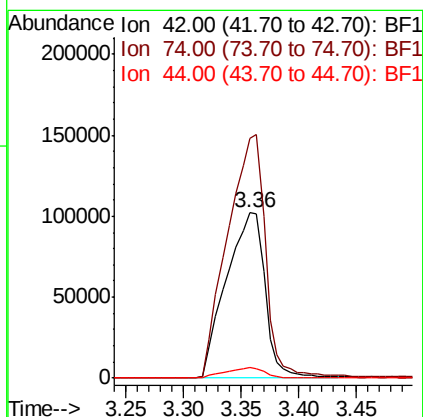
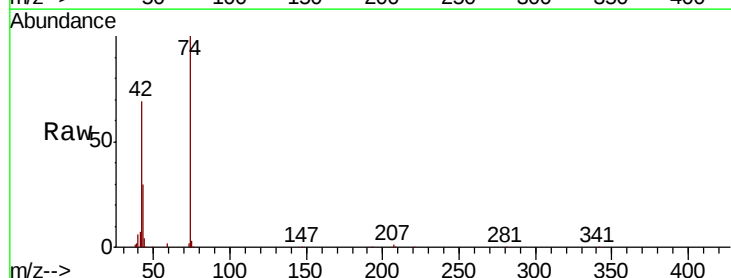
Instrument :
 BNA_F
 ClientSampleId :

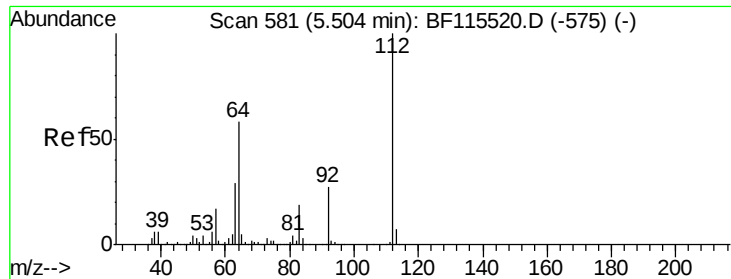
Tot Ion: 79 Resp: 587801
 Ion Ratio Lower Upper
 79 100
 52 60.7 48.4 72.6
 51 31.1 24.8 37.2



#4
 n-Nitrosodimethylamine
 Concen: 42.104 ng
 RT: 3.36 min Scan# 216
 Delta R.T. -0.01 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion: 42 Resp: 238126
 Ion Ratio Lower Upper
 42 100
 74 145.0 113.4 170.0
 44 6.3 5.1 7.7





#5

2-Fluorophenol

Concen: 76.896 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

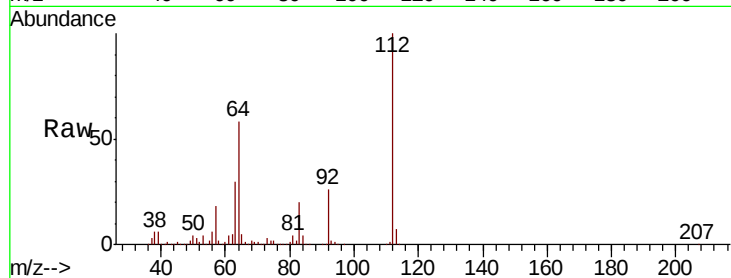
Tot Ion:112 Resp: 885810

Ion Ratio Lower Upper

112 100

64 58.0 45.8 68.8

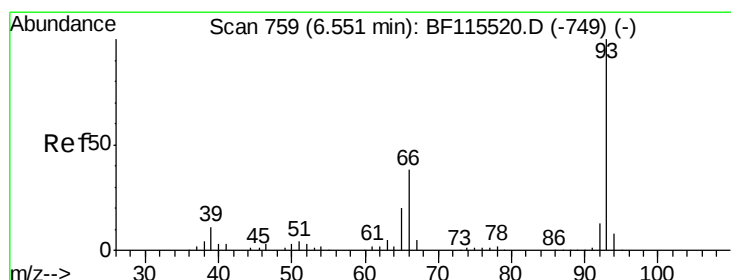
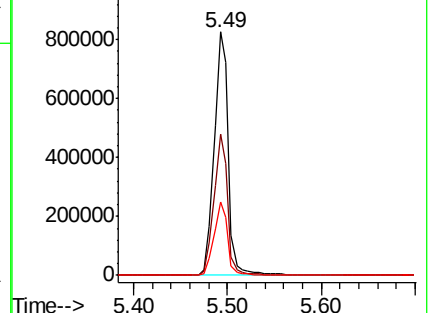
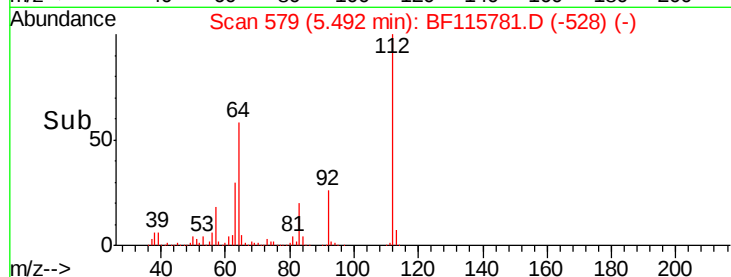
63 30.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.204 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

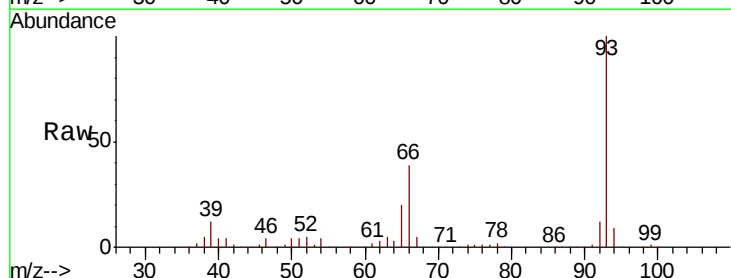
Tgt Ion: 93 Resp: 797480

Ion Ratio Lower Upper

93 100

66 39.4 32.2 48.2

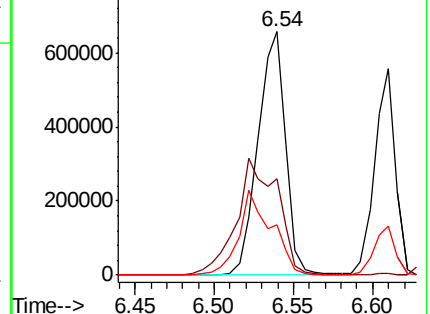
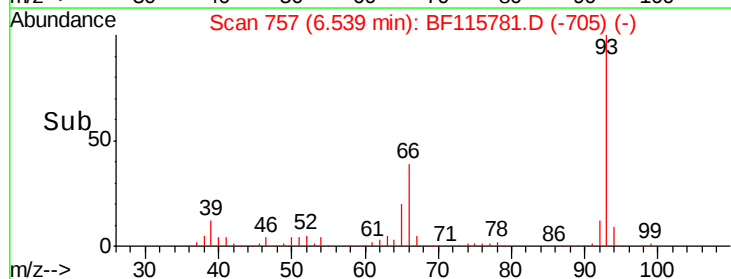
65 20.5 16.5 24.7

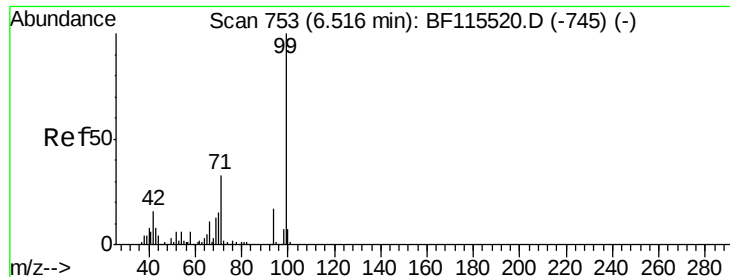


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.548 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

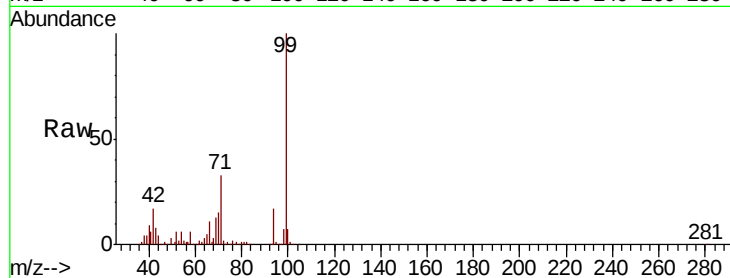
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1148138

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	33.3	26.7	40.1

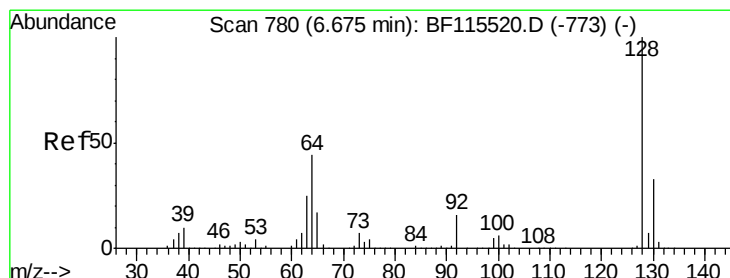
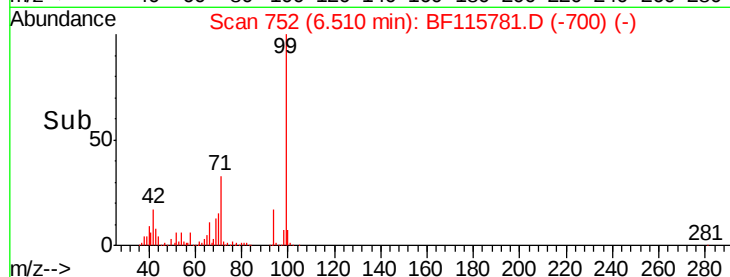
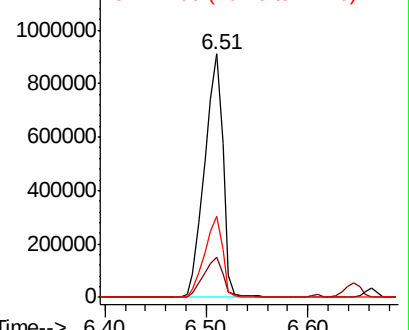


Abundance

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: 38.801 ng

RT: 6.66 min Scan# 778

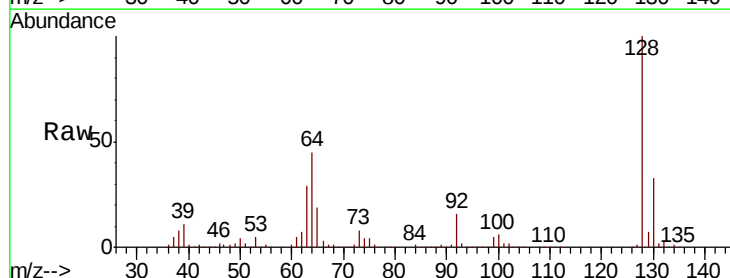
Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Tgt Ion: 128 Resp: 513894

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.8	53.8
64	44.9	22.4	62.4

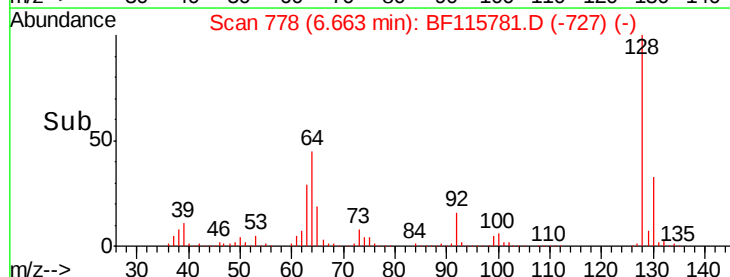
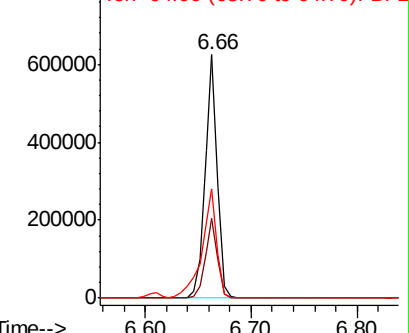


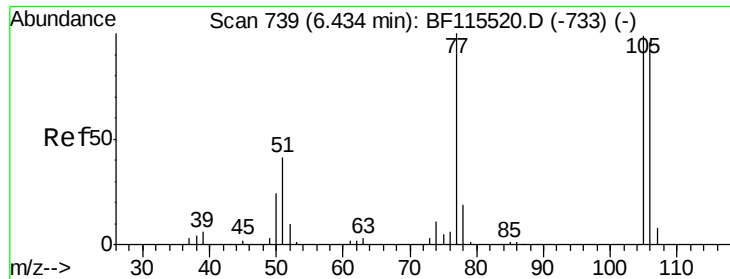
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

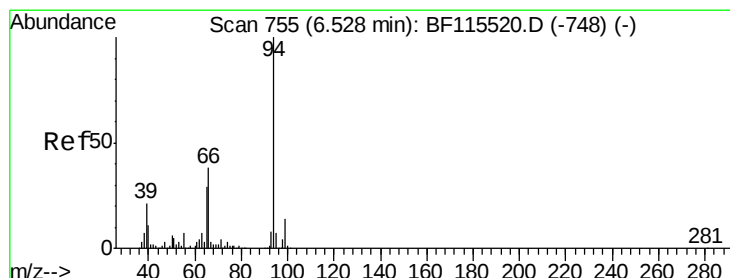
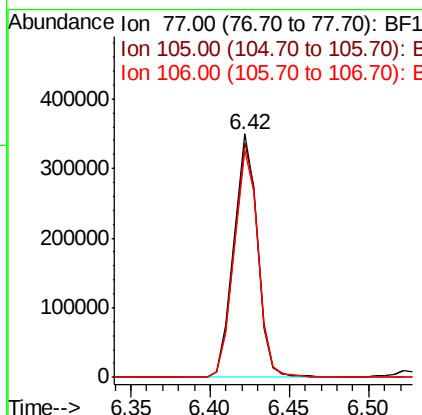
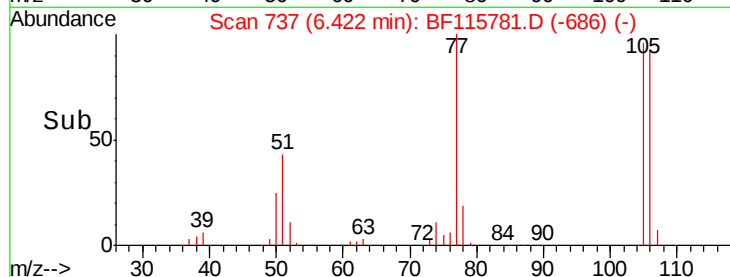
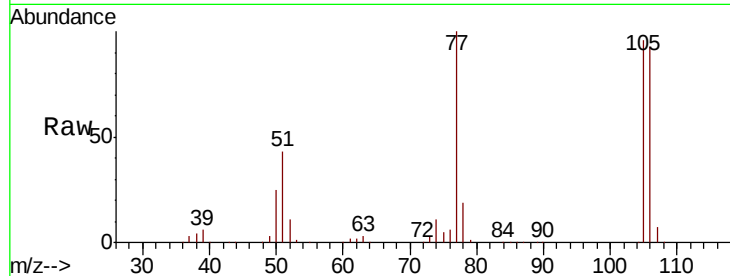




#9
Benzaldehyde
Concen: 39.658 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

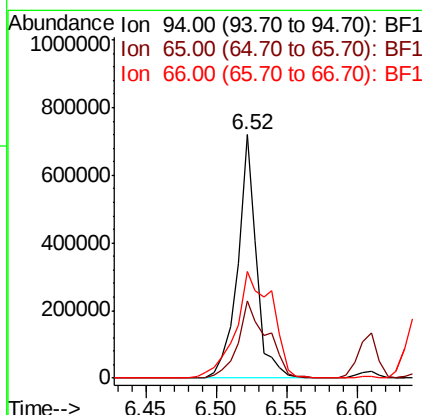
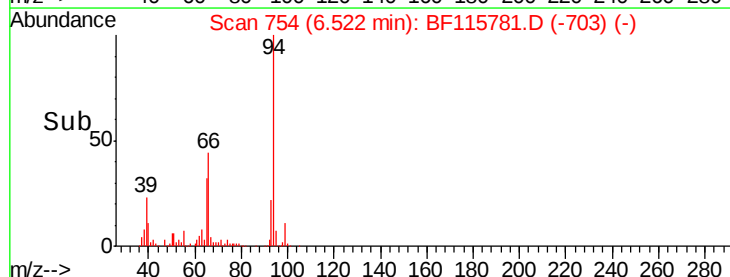
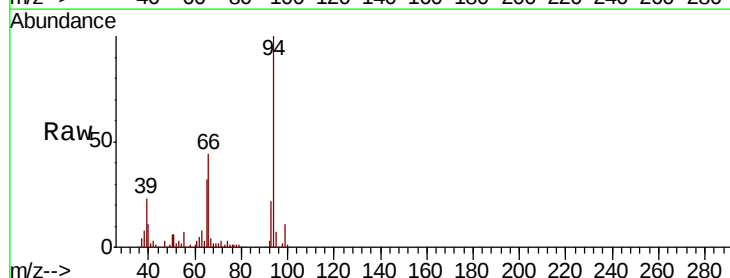
Instrument :
BNA_F
ClientSampled :

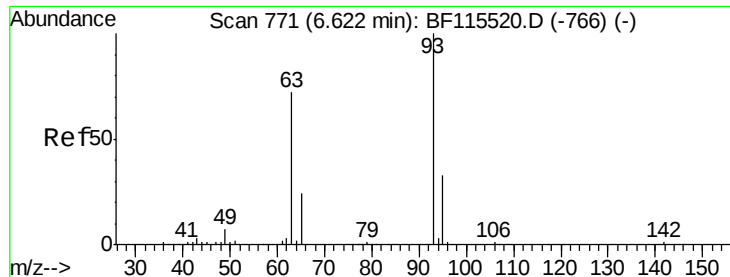
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	96.4	77.5	117.5	
106	93.3	74.7	114.7	



#10
Phenol
Concen: 39.328 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.8	11.2	51.2	
66	44.0	24.4	64.4	

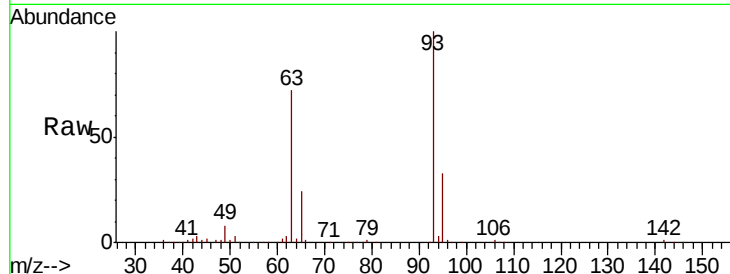




#11
bis(2-Chloroethyl)ether
Concen: 39.471 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	56.2	96.2
95	32.8	12.1	52.1

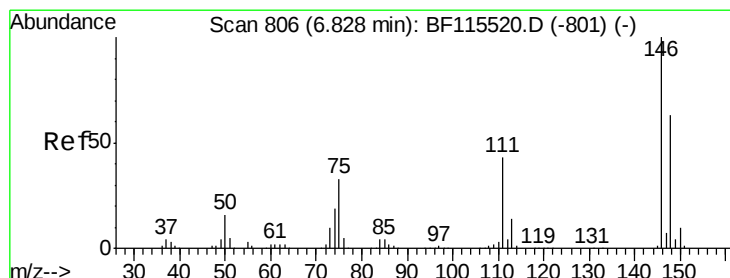
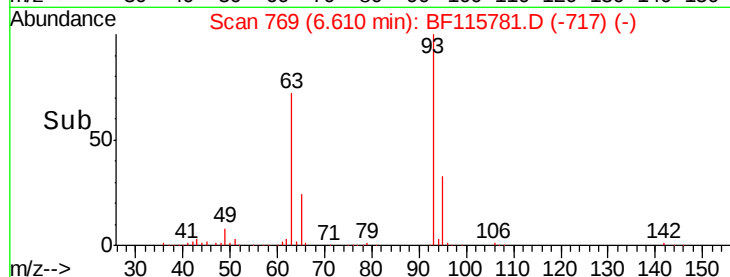
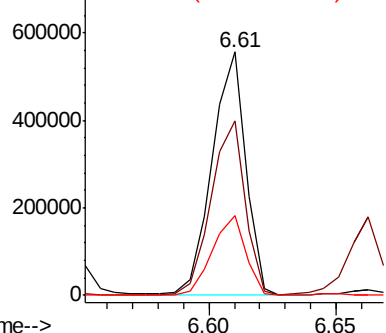


Abundance

Ion 93.00 (92.70 to 93.70): BF1

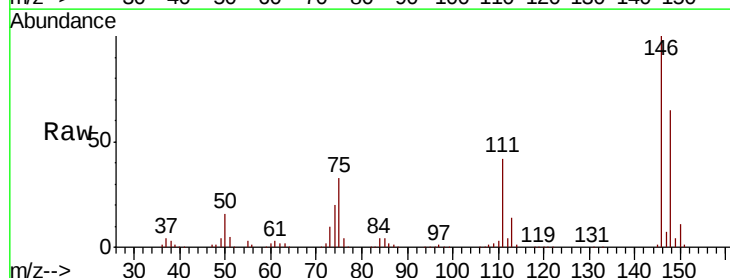
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.371 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
75	32.9	25.3	37.9

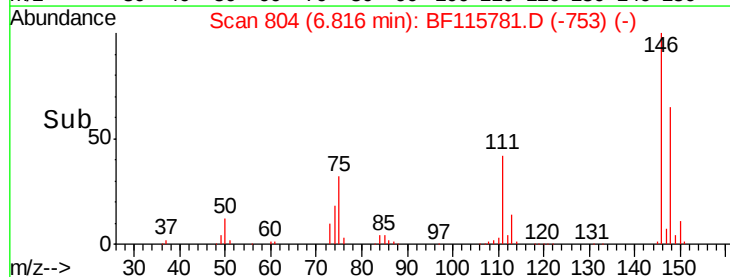
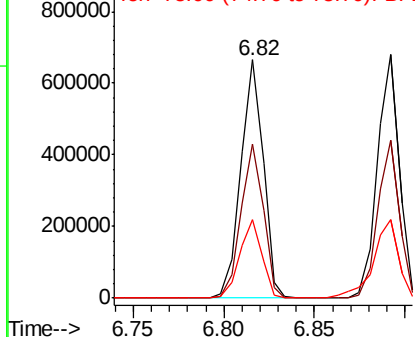


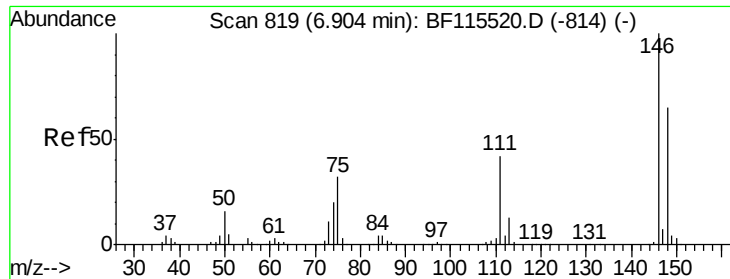
Abundance

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

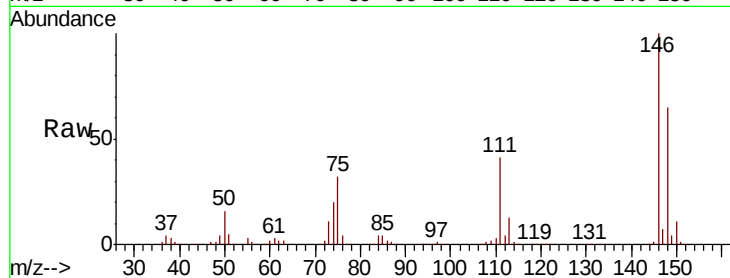




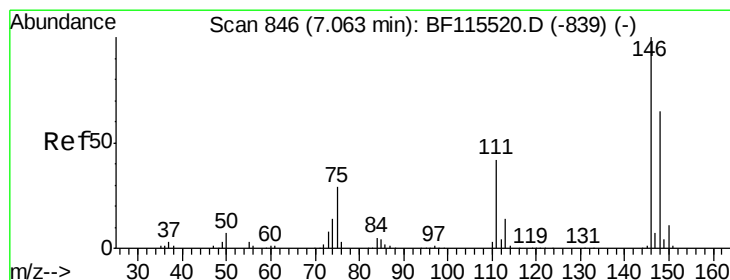
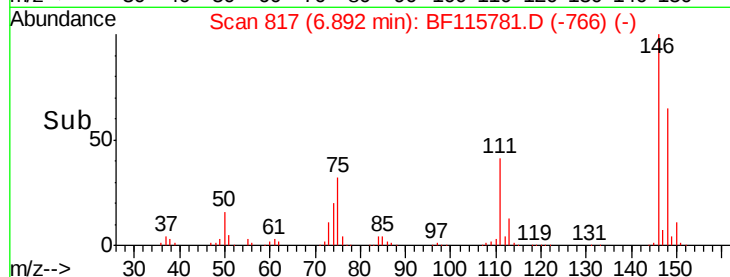
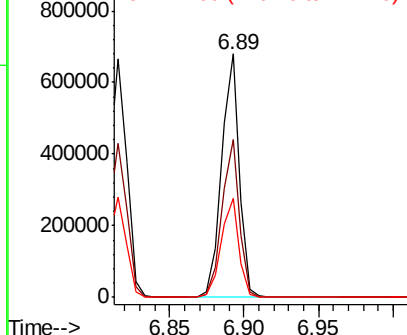
#13
1,4-Dichlorobenzene
Concen: 38.421 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 570835
Ion Ratio Lower Upper
146 100
148 64.6 52.7 79.1
111 40.9 32.2 48.4

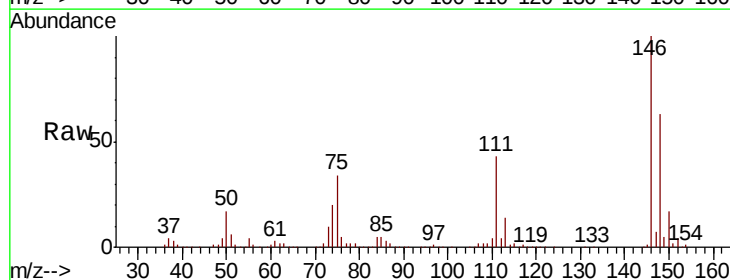


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

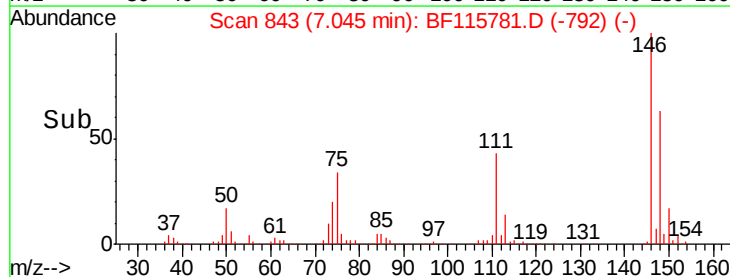
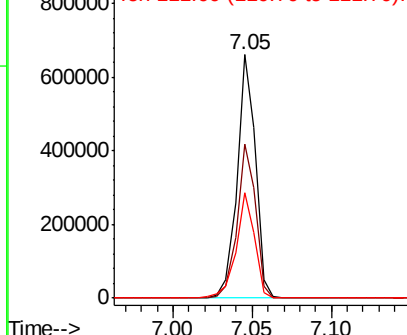


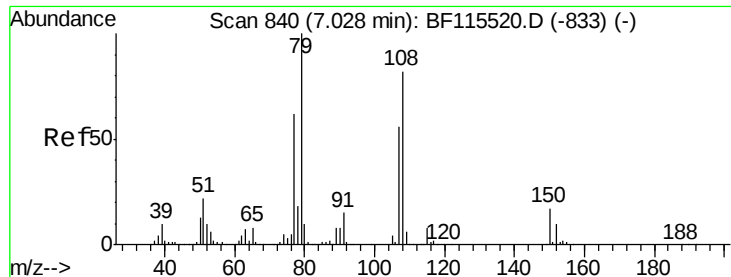
#14
1,2-Dichlorobenzene
Concen: 38.961 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:146 Resp: 529158
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
111 43.4 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 38.994 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

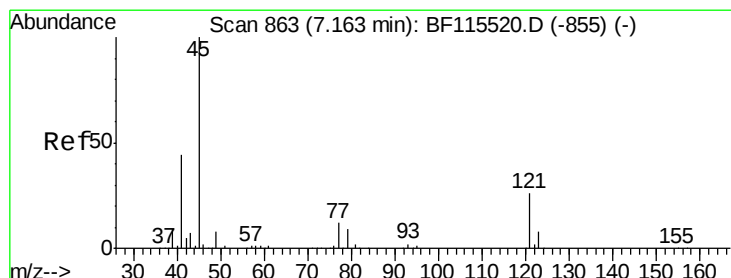
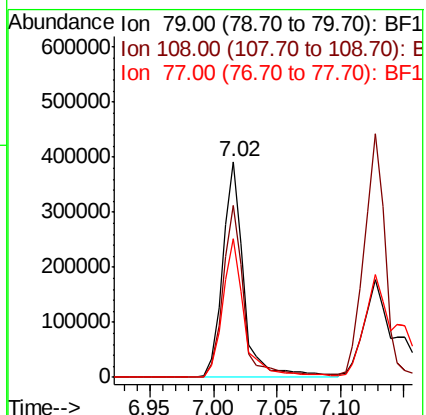
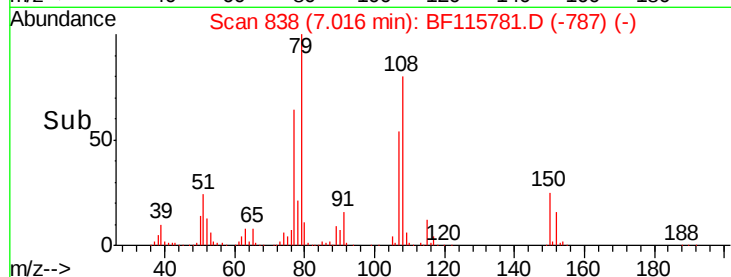
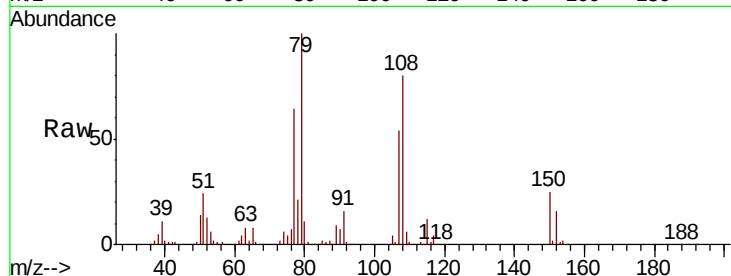
Tot Ion: 79 Resp: 452146

Ion Ratio Lower Upper

79 100

108 79.8 65.4 98.2

77 64.5 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.718 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

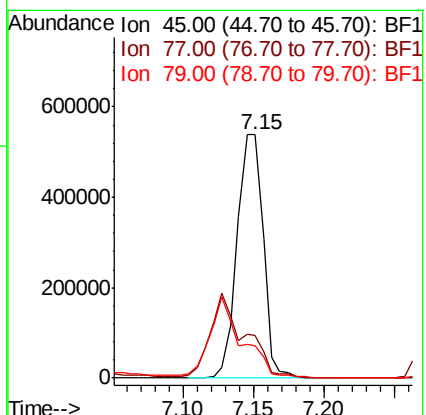
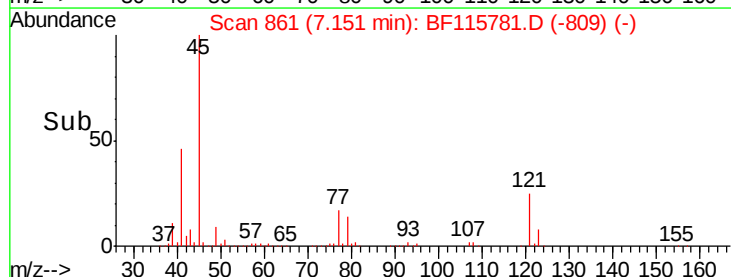
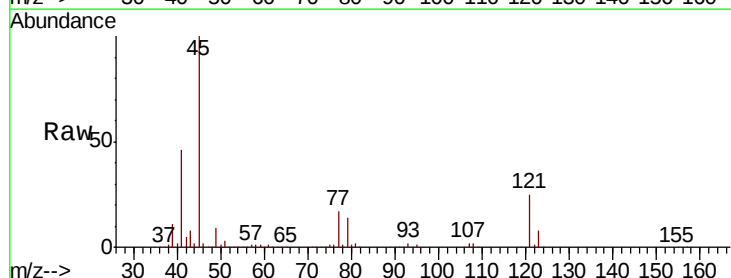
Tgt Ion: 45 Resp: 692544

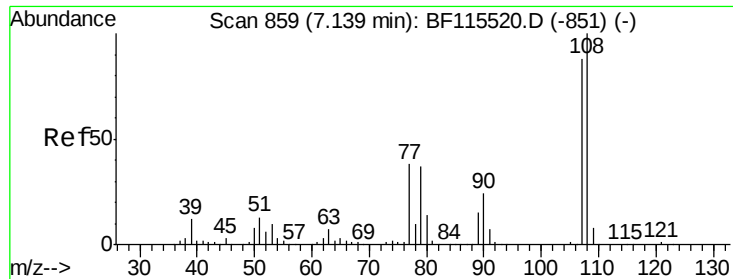
Ion Ratio Lower Upper

45 100

77 17.3 0.0 36.8

79 13.5 0.0 33.1

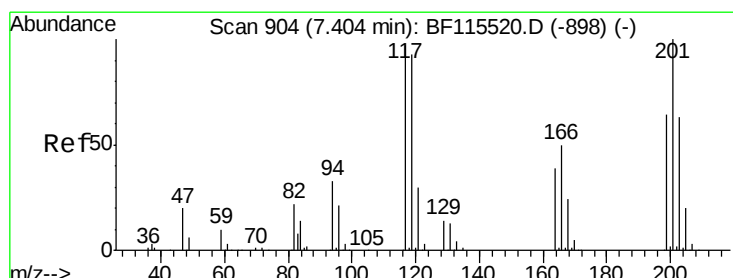
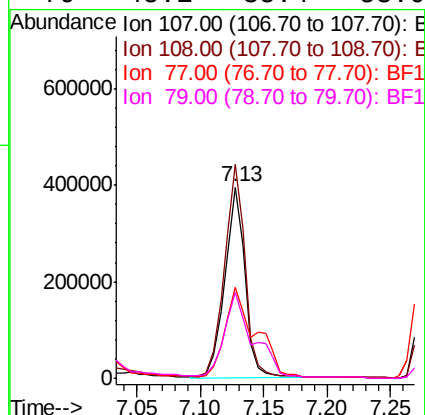
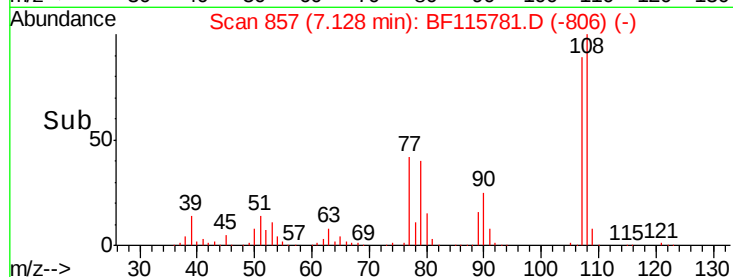
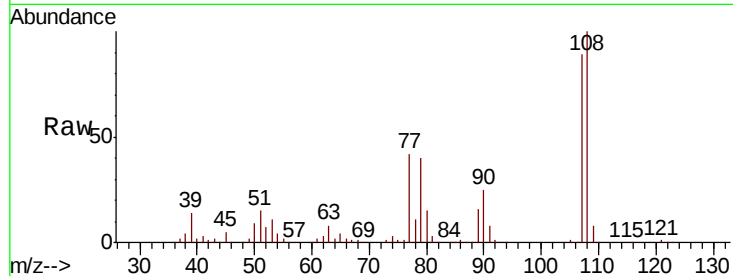




#17
2-Methylphenol
Concen: 38.566 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

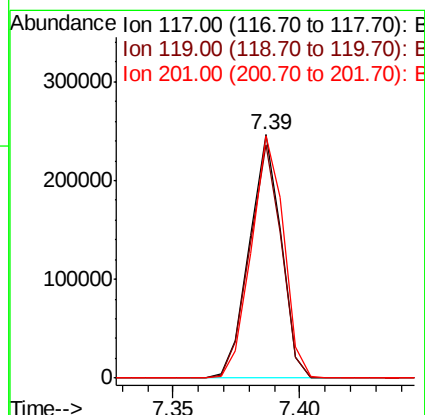
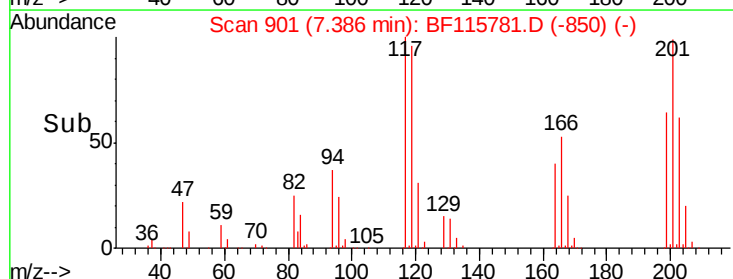
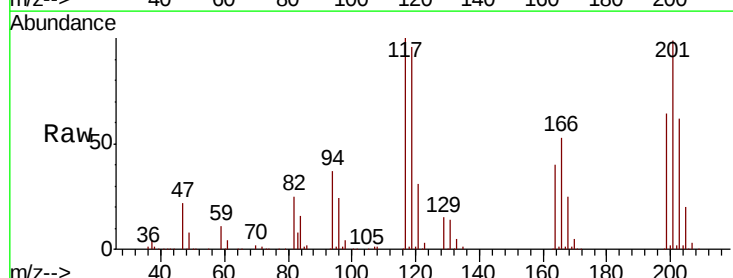
Instrument :
BNA_F
ClientSampleId :

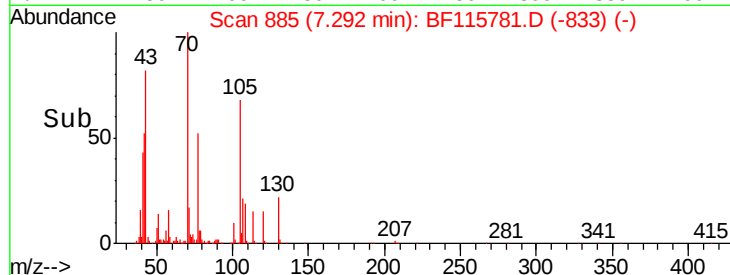
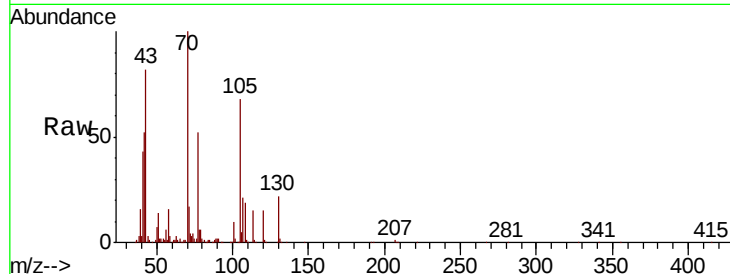
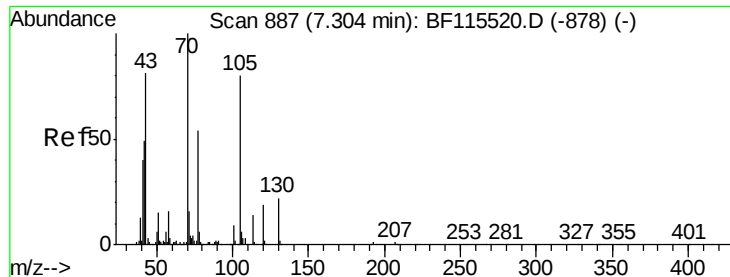
Tot Ion:107 Resp: 440180
Ion Ratio Lower Upper
107 100
108 111.9 91.3 136.9
77 47.5 36.9 55.3
79 45.1 35.4 53.0



#18
Hexachloroethane
Concen: 38.843 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:117 Resp: 214206
Ion Ratio Lower Upper
117 100
119 95.9 74.8 112.2
201 99.4 77.6 116.4

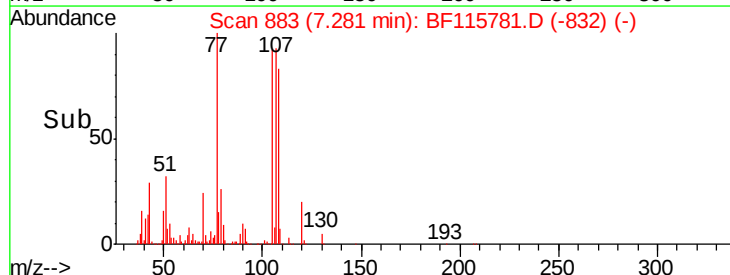
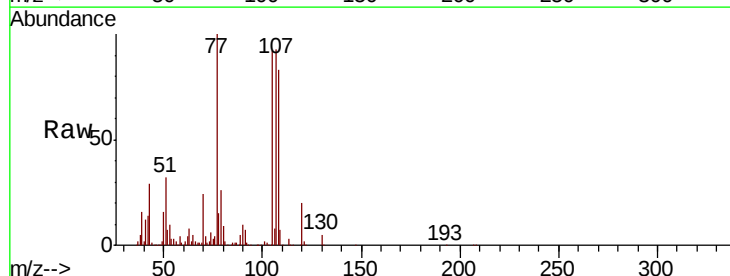
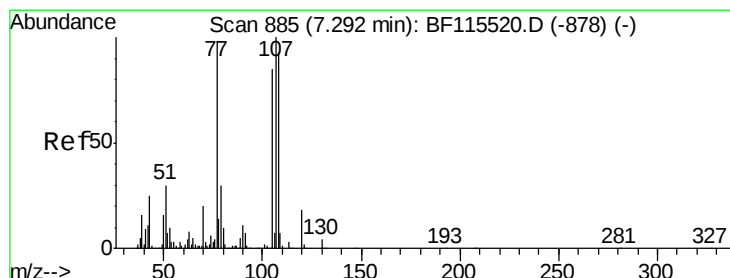
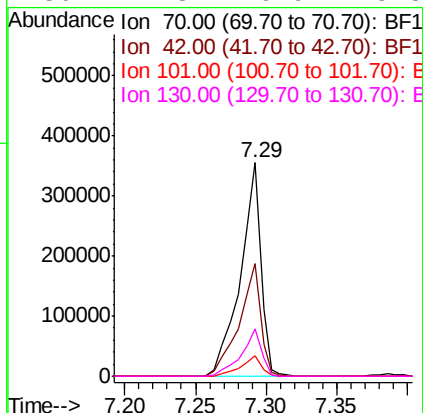




#19
n-Nitroso-di-n-propylamine
Concen: 38.242 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

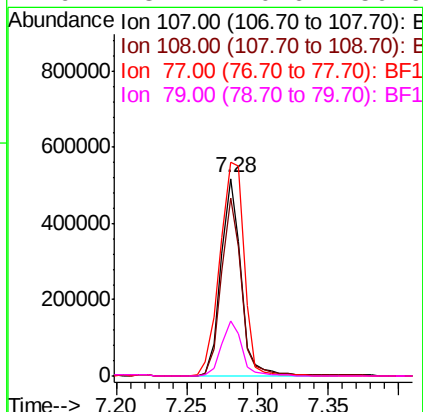
Instrument :
BNA_F
ClientSampled :

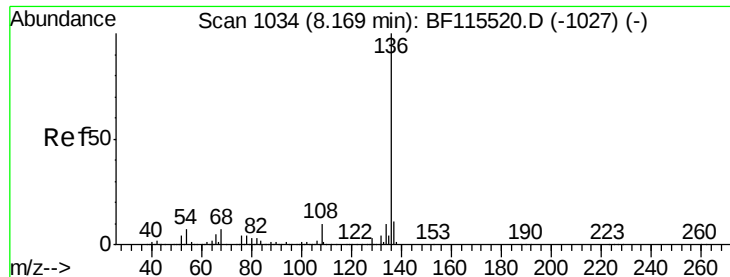
Tot Ion:	70	Resp:	364561
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.8	62.8
101	9.7	7.6	11.4
130	22.3	16.9	25.3



#20
3+4-Methylphenols
Concen: 37.241 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:	107	Resp:	504889
Ion	Ratio	Lower	Upper
107	100		
108	89.7	73.0	113.0
77	108.0	107.5	147.5
79	28.1	10.6	50.6

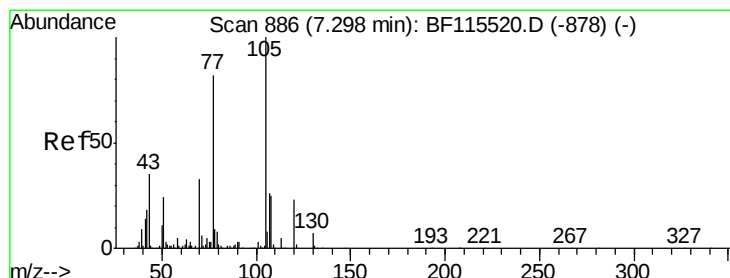
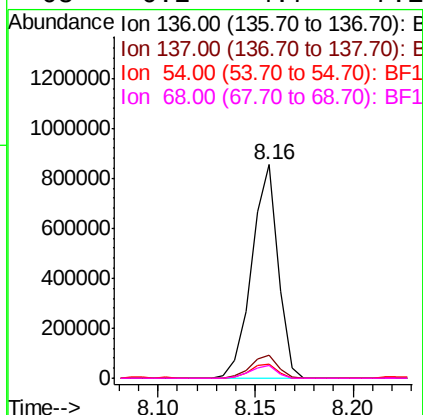
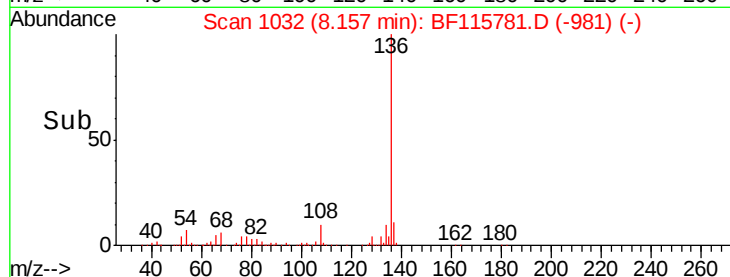
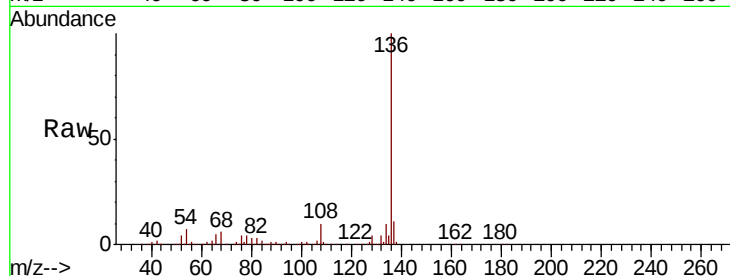




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

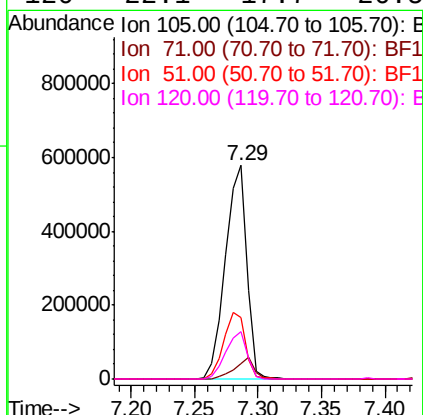
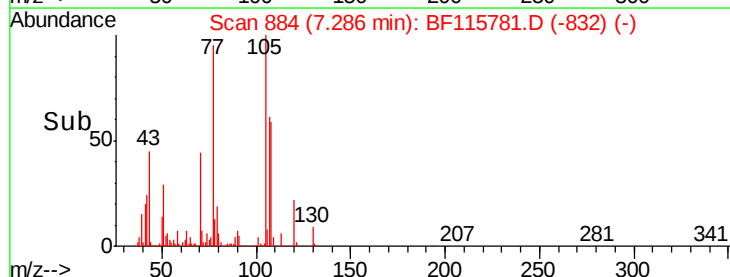
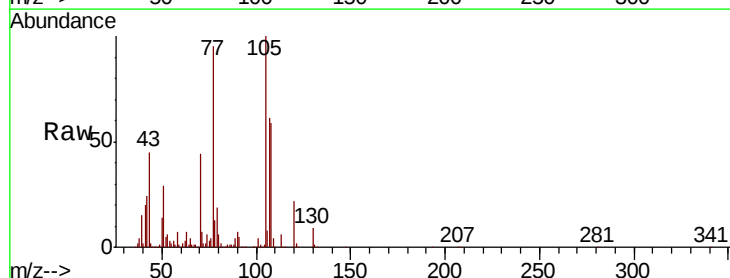
Instrument :
BNA_F
ClientSampleId :

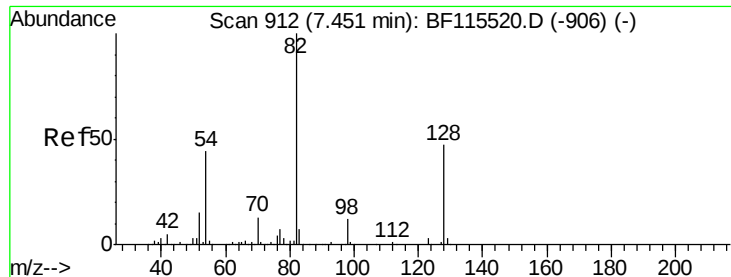
Tot Ion:136	Resp: 797545
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 6.8	5.0 7.6
68 6.2	4.7 7.1



#22
Acetophenone
Concen: 37.523 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt	Ion:105	Resp:	676070
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.7	7.1#
51	28.9	25.6	38.4
120	22.1	17.7	26.5

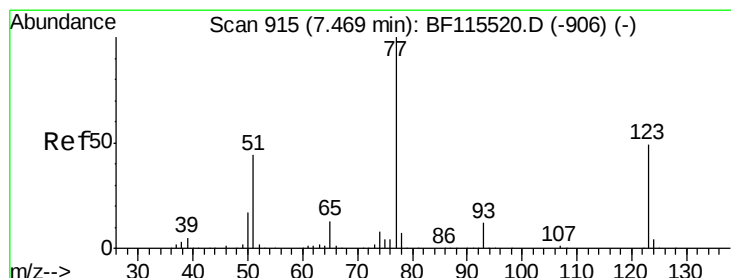
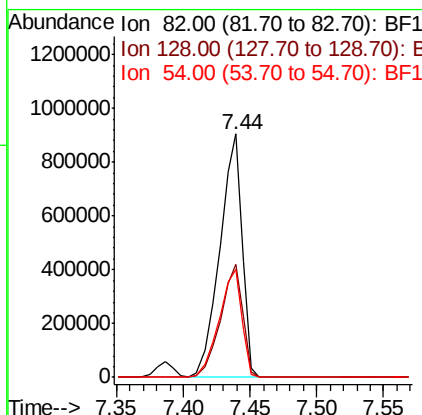
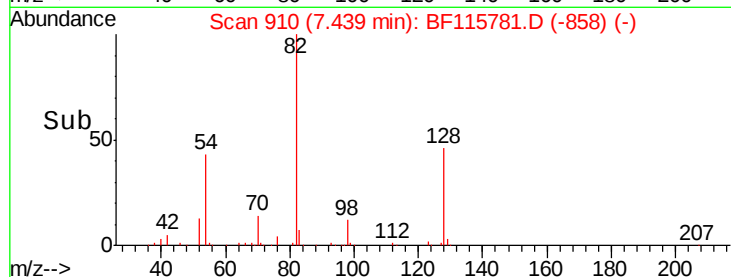
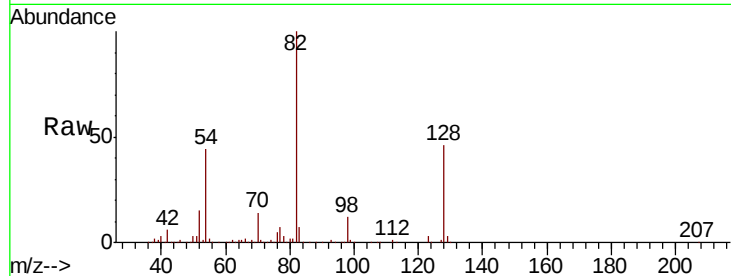




#23
 Nitrobenzene-d5
 Concen: 77.565 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

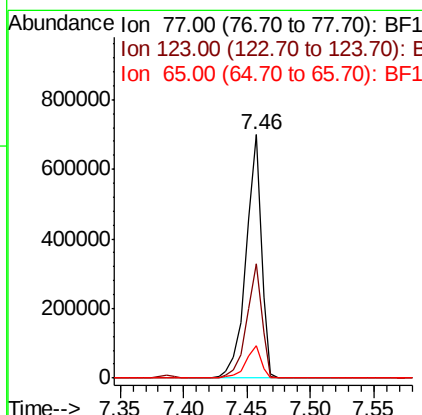
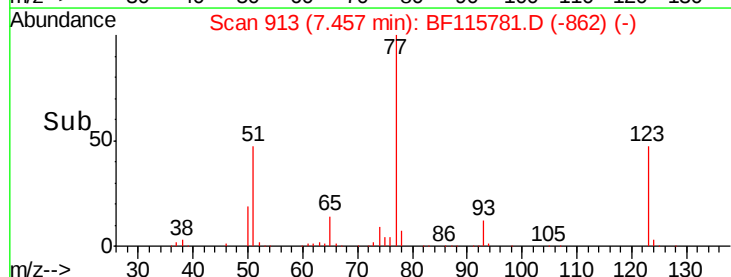
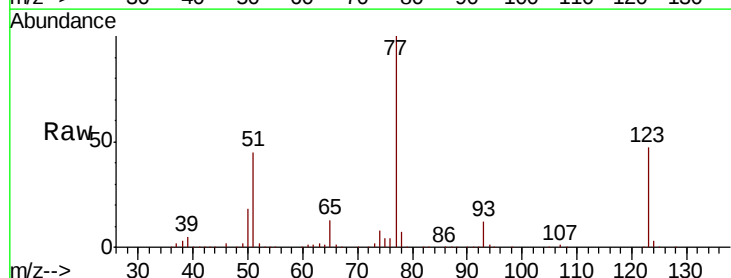
Instrument :
 BNA_F
 ClientSampled :

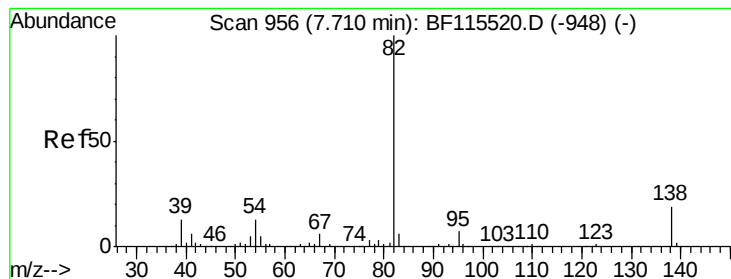
Tot Ion: 82 Resp: 1063895
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.6 55.0
 54 44.3 36.6 54.8



#24
 Nitrobenzene
 Concen: 39.329 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion: 77 Resp: 581836
 Ion Ratio Lower Upper
 77 100
 123 46.9 39.9 59.9
 65 13.2 10.5 15.7





#25

Isophorone

Concen: 38.255 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

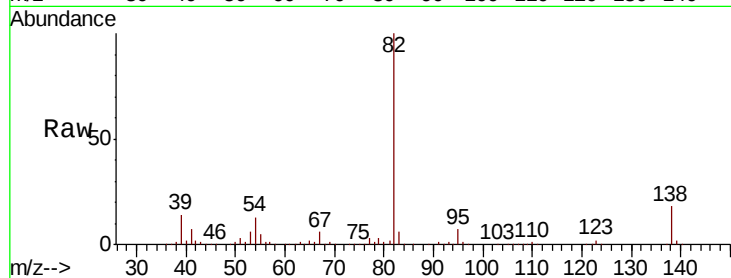
Tot Ion: 82 Resp: 1049949

Ion Ratio Lower Upper

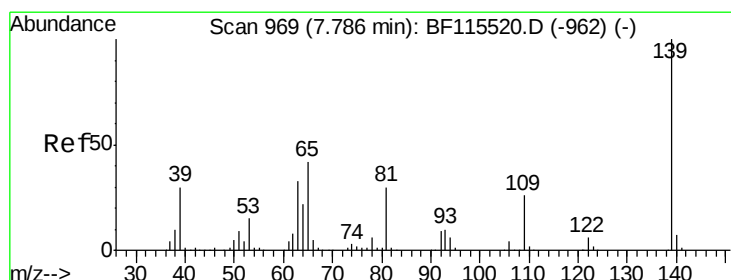
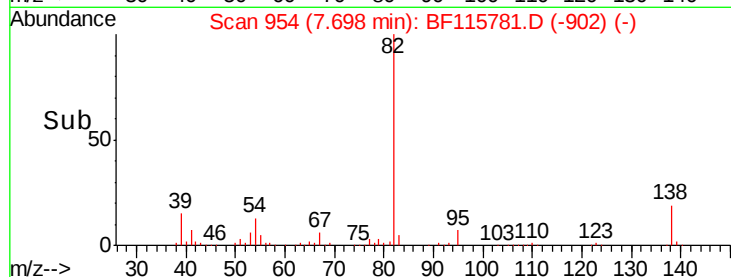
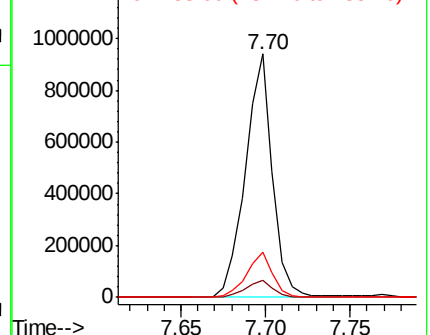
82 100

95 6.8 5.6 8.4

138 18.3 14.2 21.4



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: 38.374 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

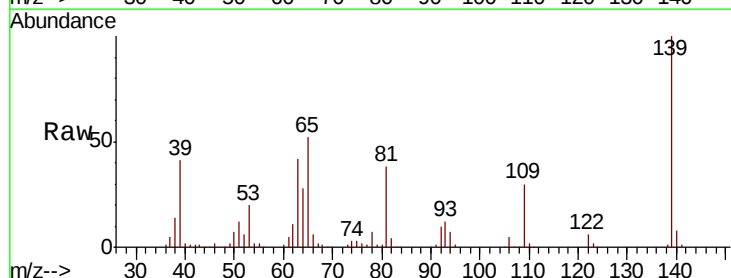
Tgt Ion: 139 Resp: 292205

Ion Ratio Lower Upper

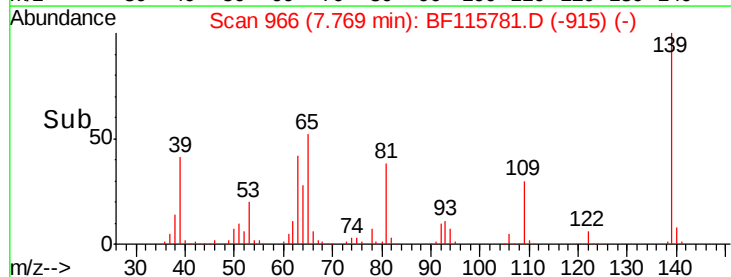
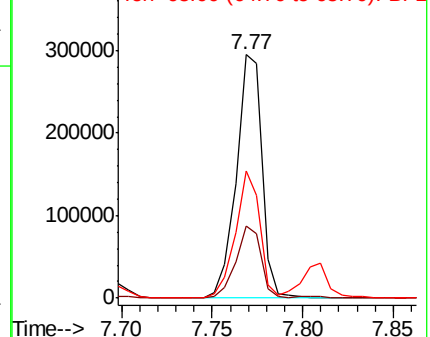
139 100

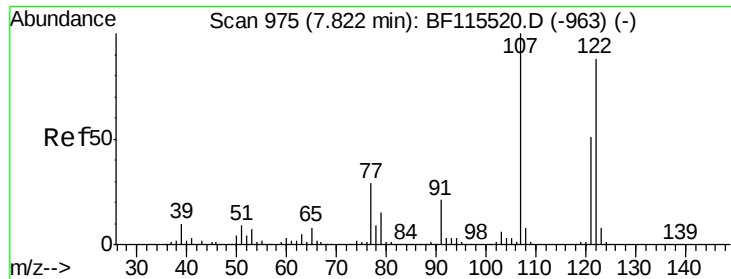
109 29.6 23.2 34.8

65 52.3 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 35.777 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

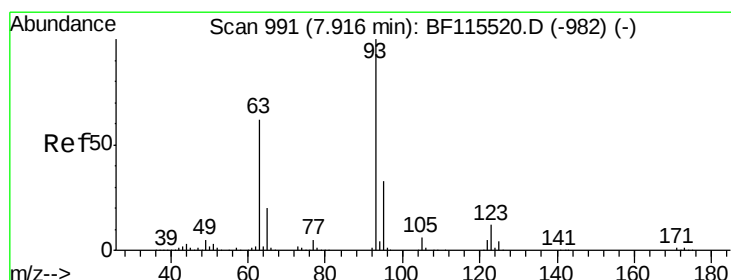
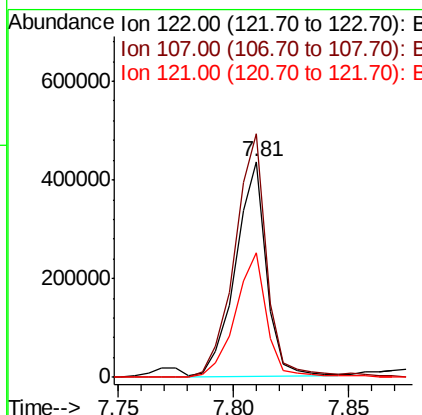
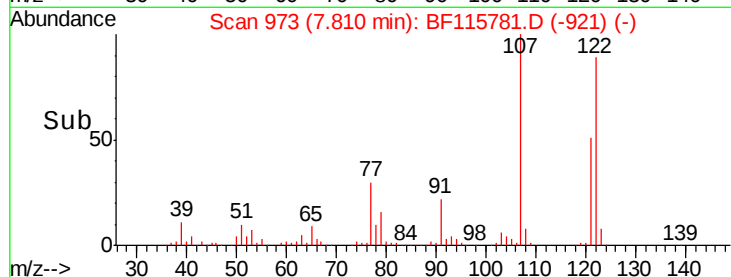
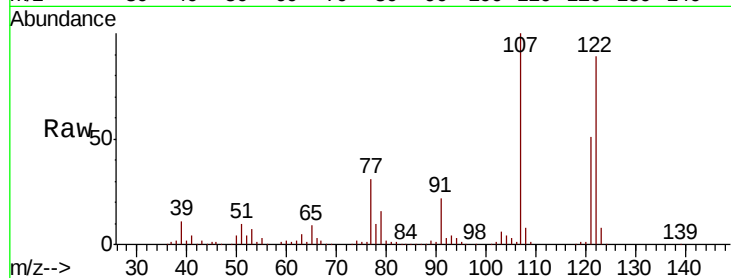
Tot Ion:122 Resp: 407628

Ion Ratio Lower Upper

122 100

107 112.7 92.6 138.8

121 57.5 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.011 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

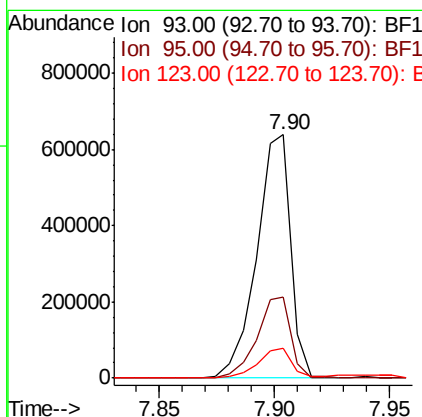
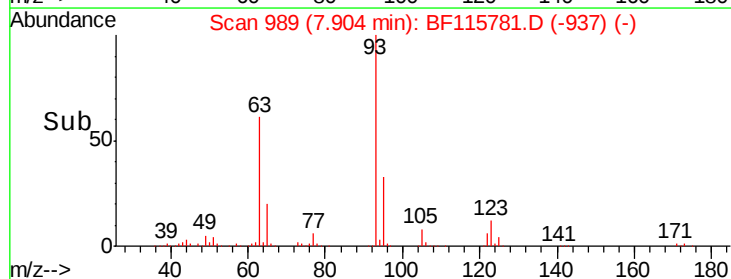
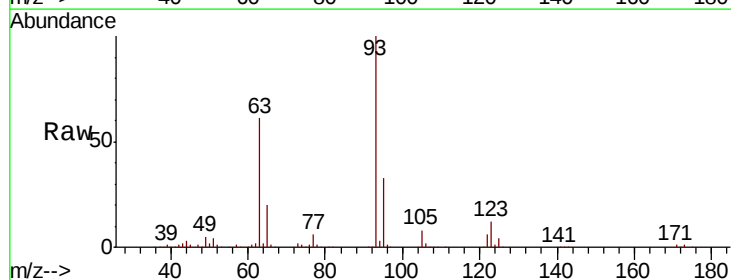
Tgt Ion: 93 Resp: 656848

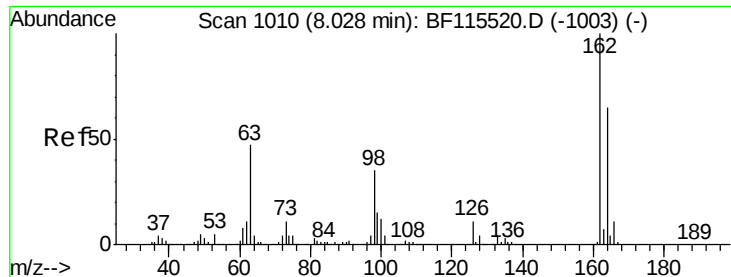
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 12.4 9.3 13.9

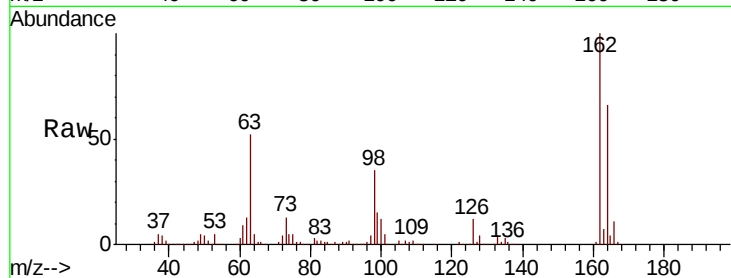




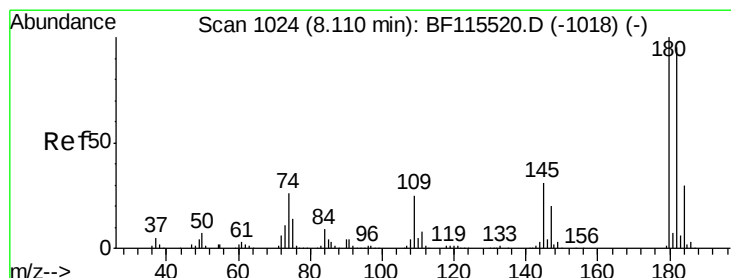
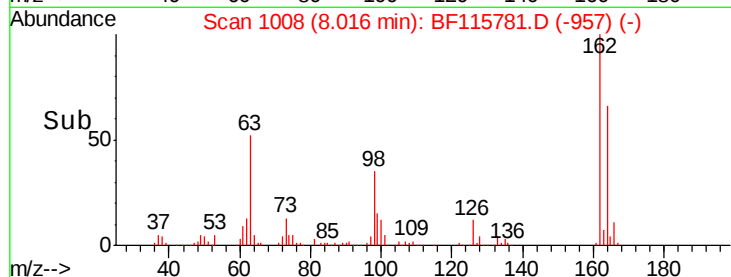
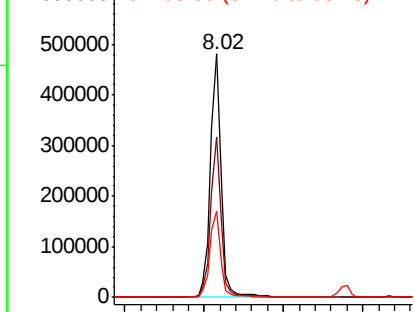
#29
 2,4-Dichlorophenol
 Concen: 38.244 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 453163
 Ion Ratio Lower Upper
 162 100
 164 65.7 44.1 84.1
 98 35.2 12.9 52.9

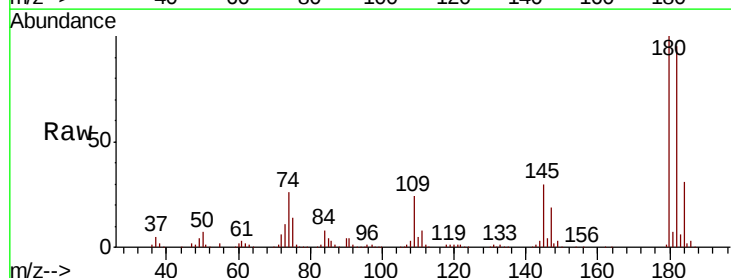


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

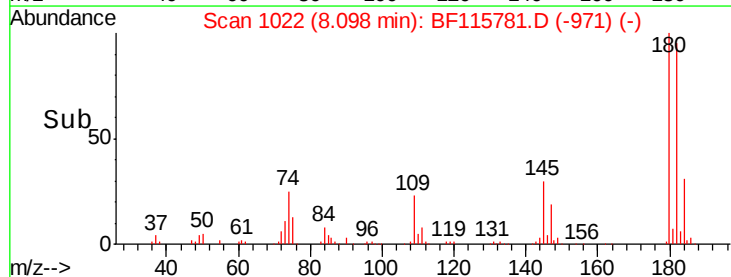
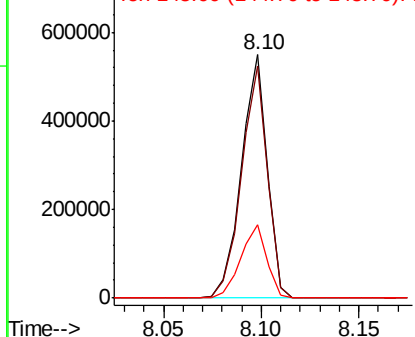


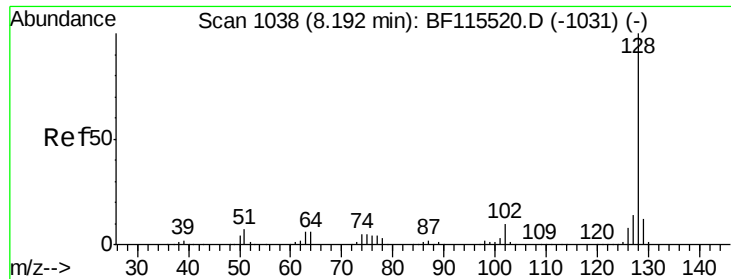
#30
 1,2,4-Trichlorobenzene
 Concen: 37.604 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion:180 Resp: 503664
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.7 115.1
 145 29.9 23.6 35.4



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

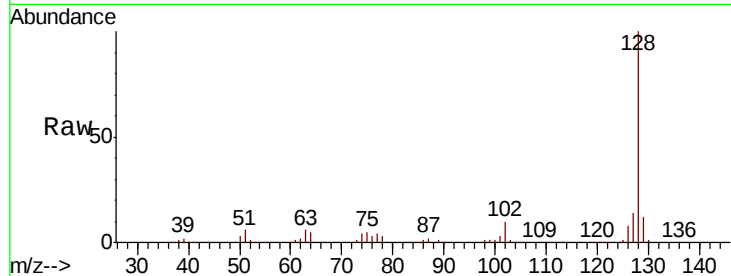




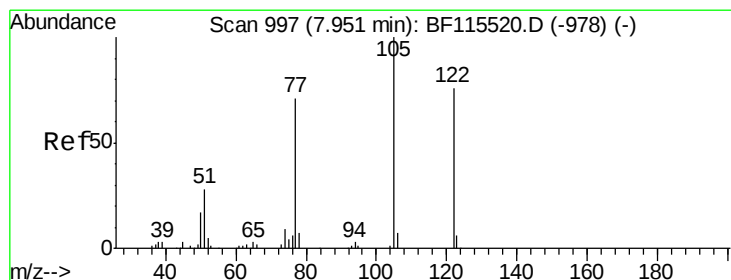
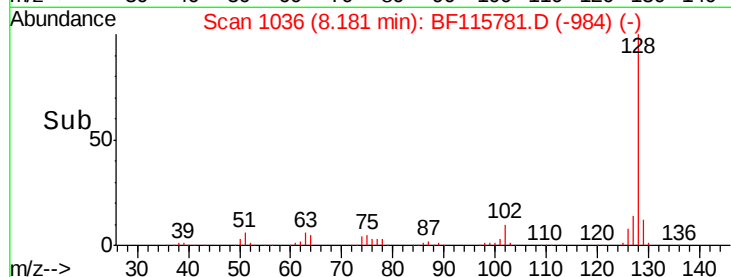
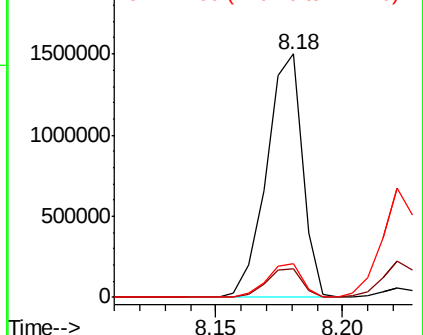
#31
Naphthalene
Concen: 38.091 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1471291
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 14.0 10.9 16.3

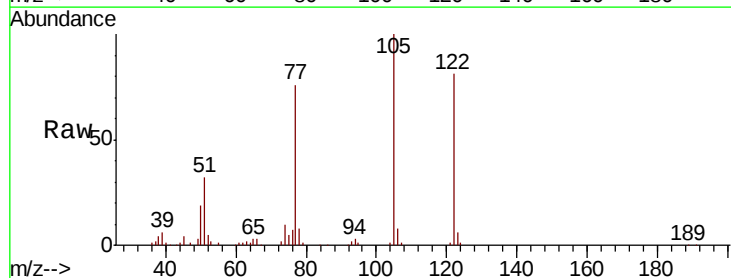


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

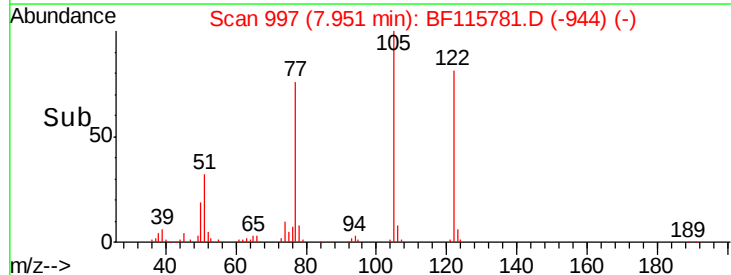
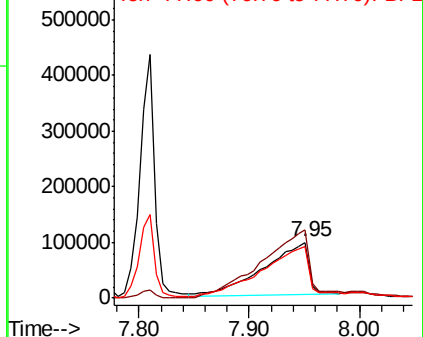


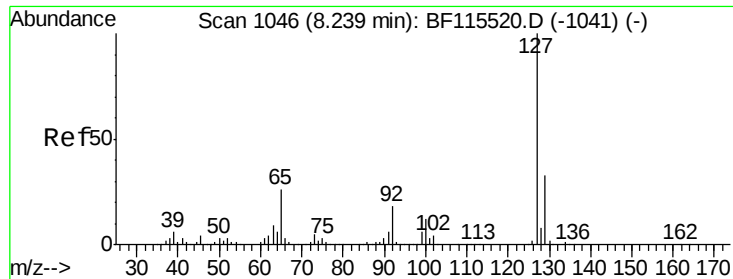
#32
Benzoic acid
Concen: 28.721 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:122 Resp: 268552
Ion Ratio Lower Upper
122 100
105 124.1 102.0 142.0
77 93.7 73.6 113.6



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

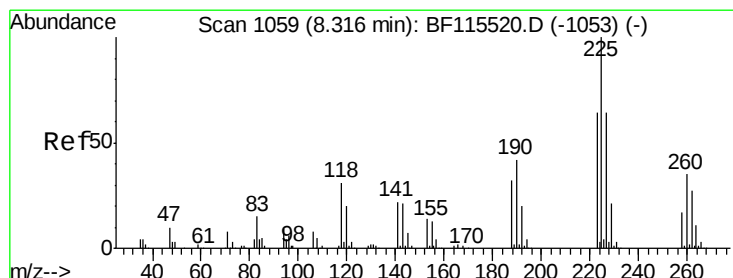
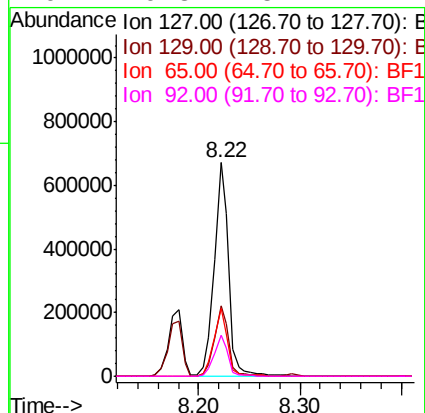
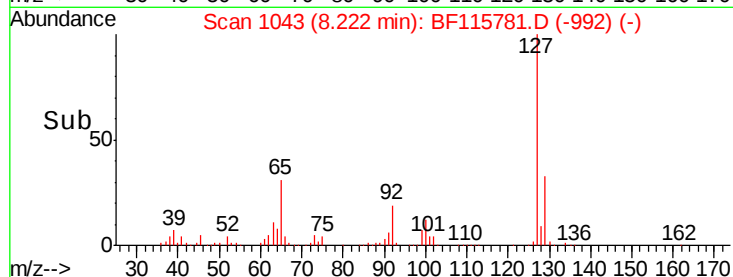
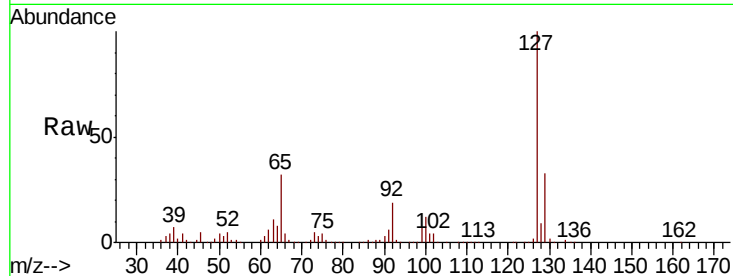




#33
4-Chloroaniline
Concen: 38.783 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

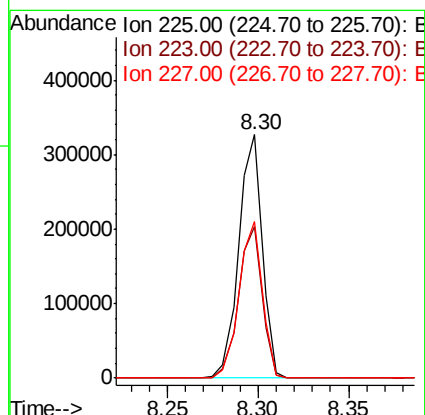
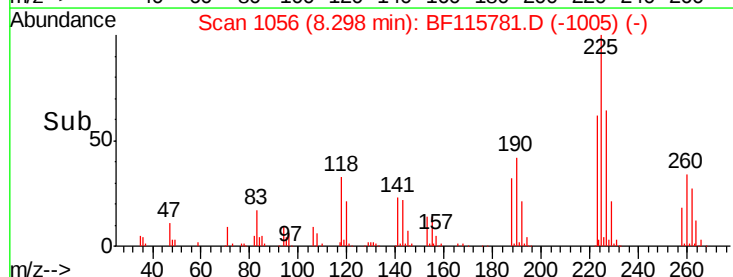
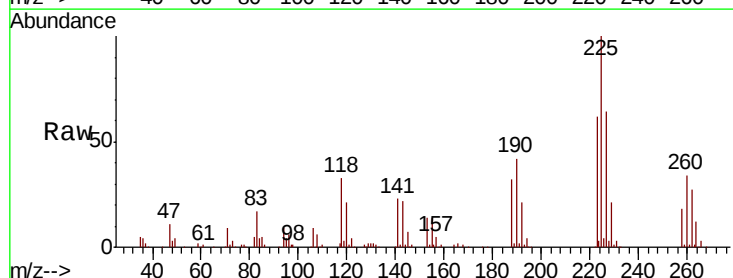
Instrument :
BNA_F
ClientSampled :

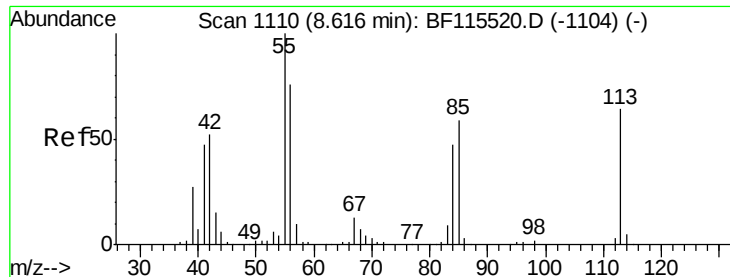
Tot Ion:	127	Resp:	663535
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	31.7	23.8	35.8
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.357 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:	225	Resp:	294613
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	64.1	52.8	79.2





#35

Caprolactam

Concen: 39.896 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

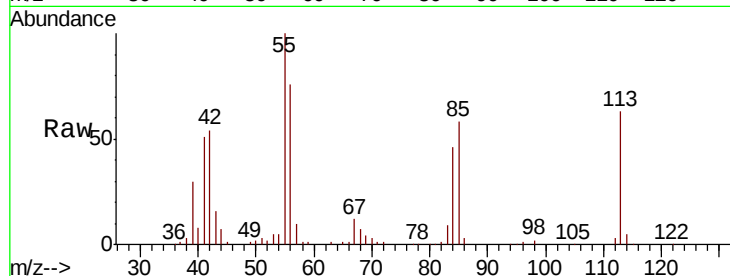
Tot Ion:113 Resp: 146082

Ion Ratio Lower Upper

113 100

55 158.8 130.5 170.5

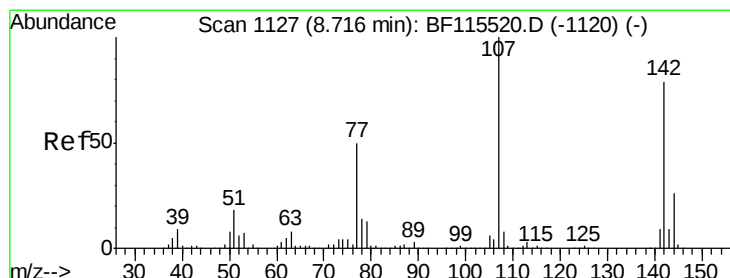
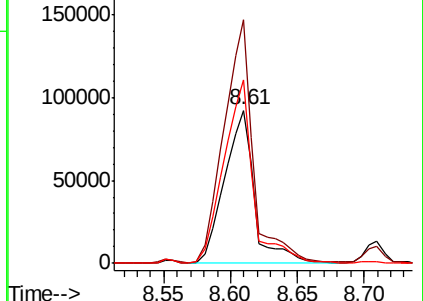
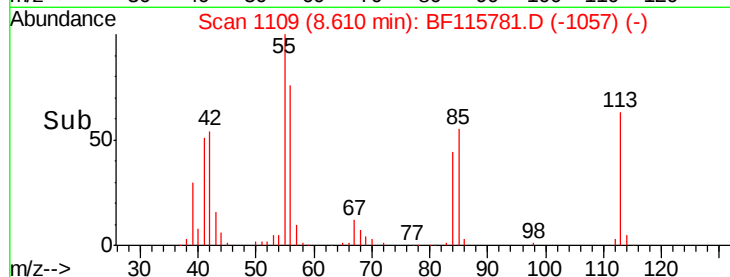
56 120.0 93.1 133.1



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: 39.446 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

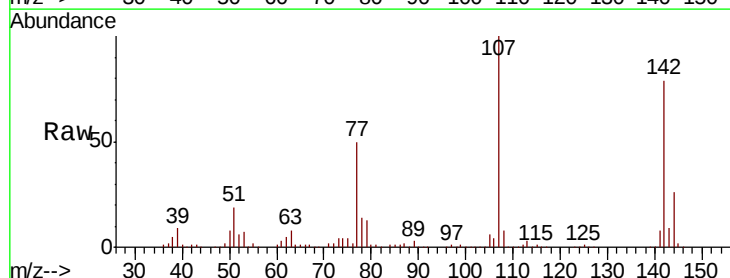
Tgt Ion:107 Resp: 484837

Ion Ratio Lower Upper

107 100

144 26.2 20.1 30.1

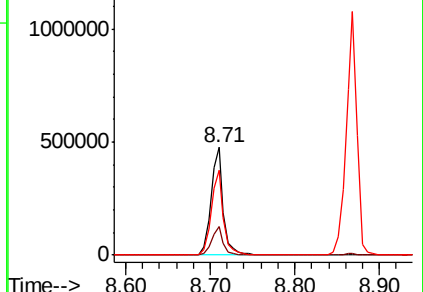
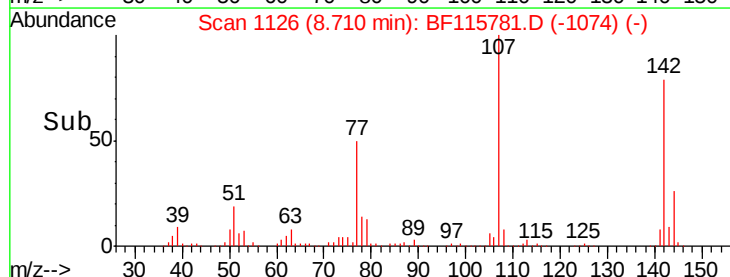
142 79.5 62.3 93.5

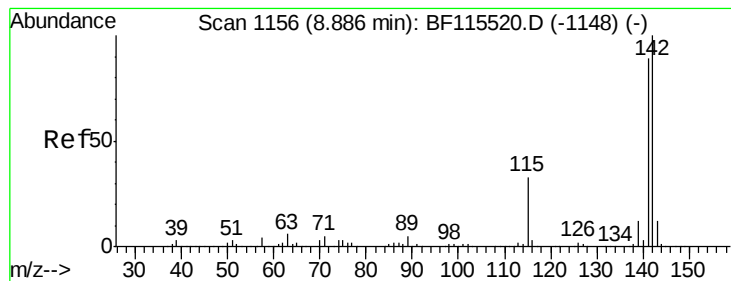


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.554 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

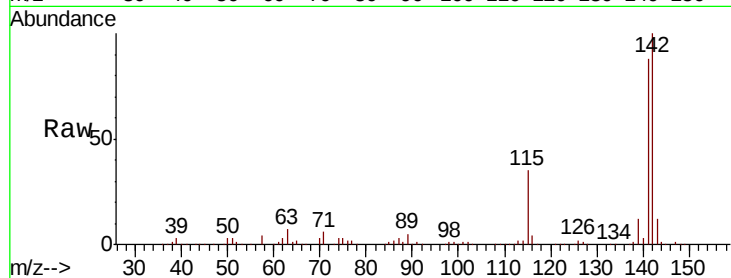
Tot Ion:142 Resp: 987110

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.4

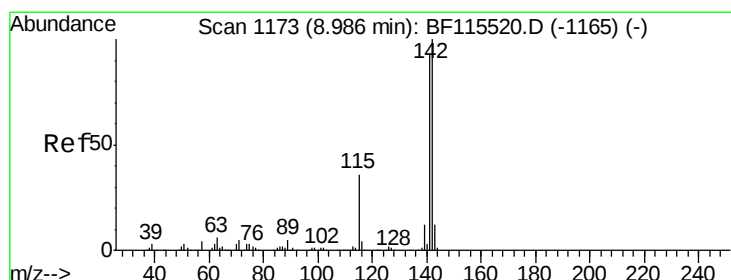
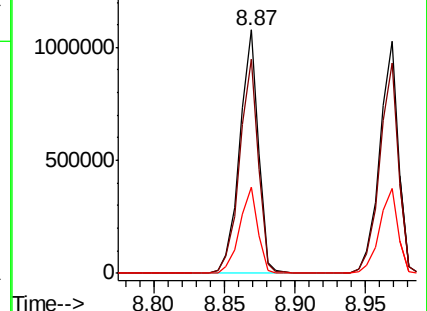
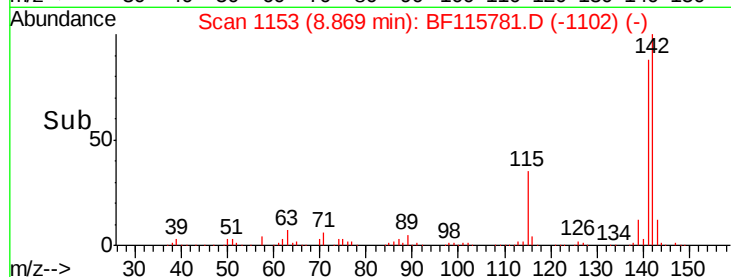
115 35.4 27.7 41.5



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: 38.786 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

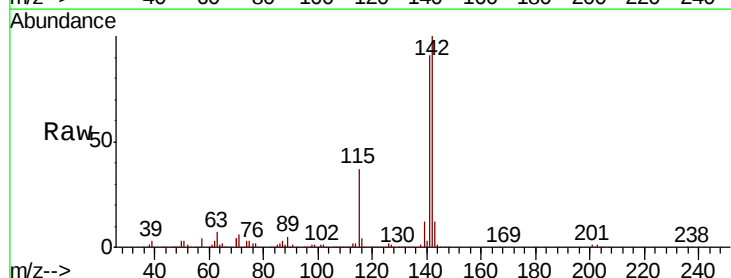
Tgt Ion:142 Resp: 943254

Ion Ratio Lower Upper

142 100

141 90.8 73.9 110.9

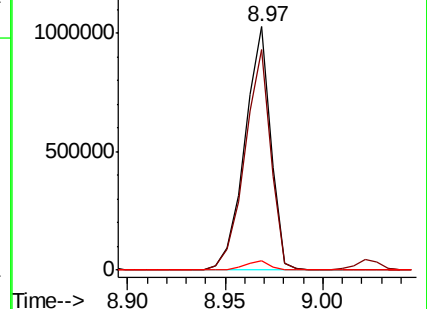
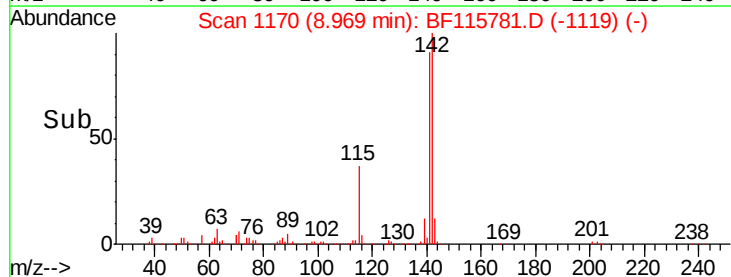
116 3.8 3.0 4.6

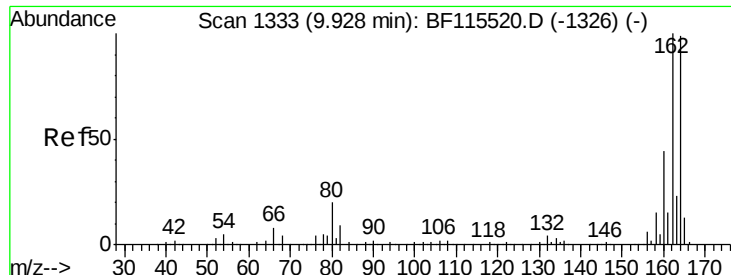


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

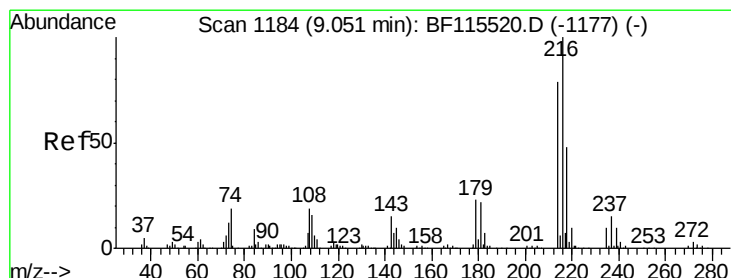
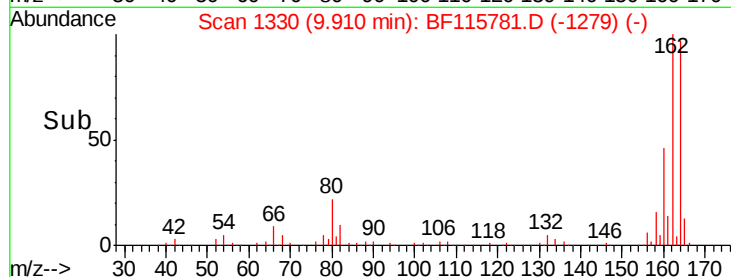
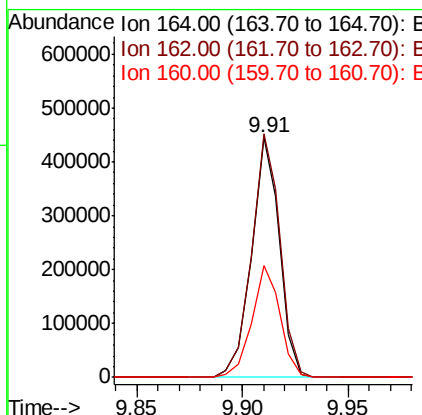
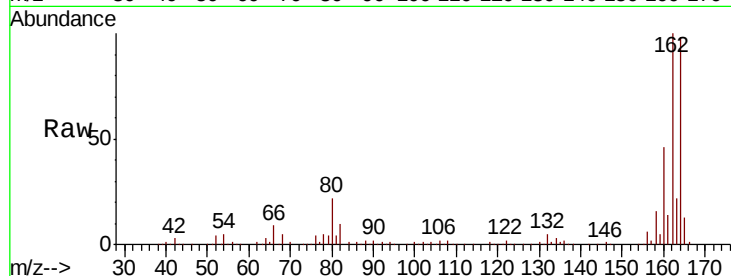




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

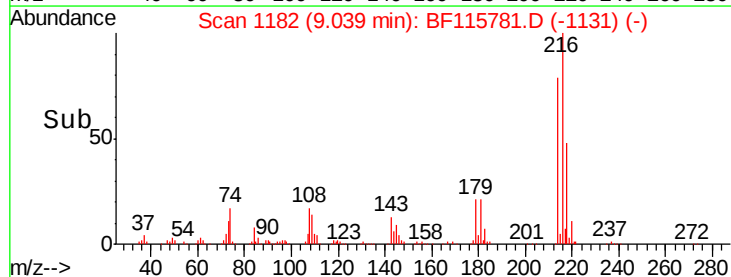
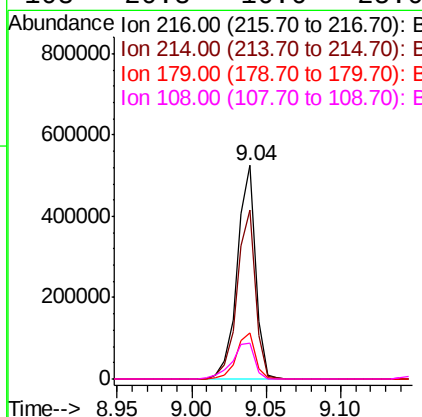
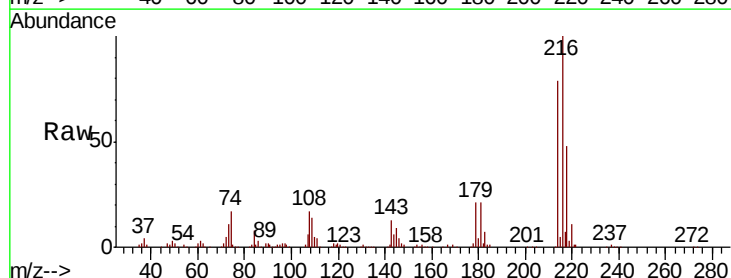
Instrument :
BNA_F
ClientSampleId :

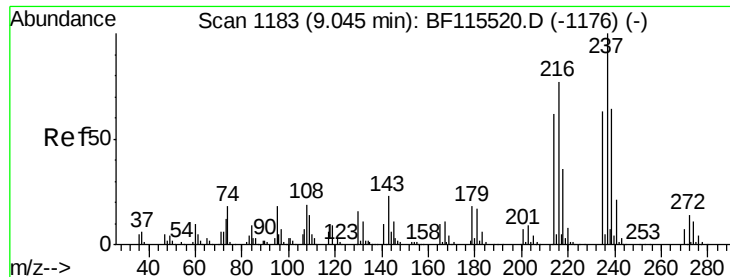
Tot Ion:164 Resp: 408607
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 46.6 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.090 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:216 Resp: 456382
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 22.0 17.4 26.2
108 20.8 16.6 25.0





#41

Hexachlorocyclopentadiene

Concen: 40.905 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

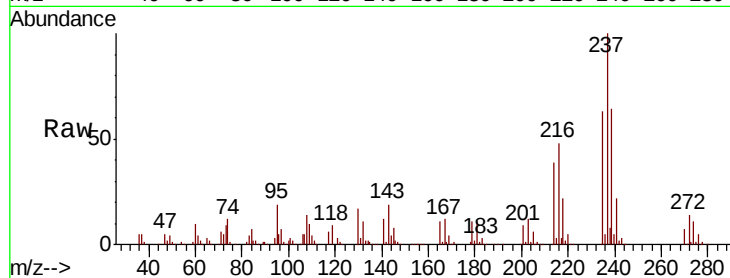
Tot Ion:237 Resp: 287111

Ion Ratio Lower Upper

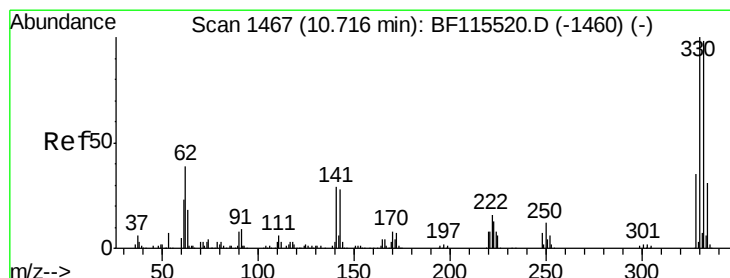
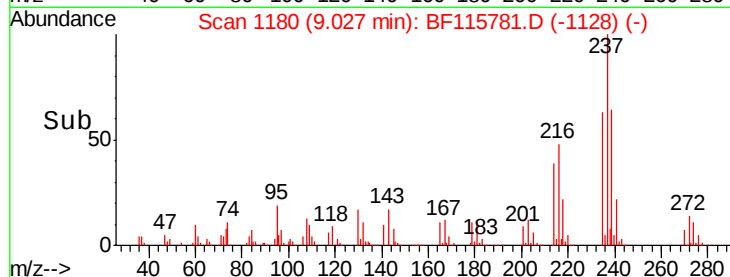
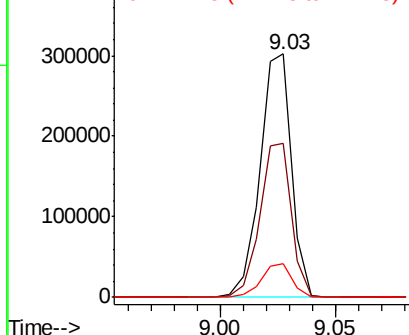
237 100

235 63.0 44.3 84.3

272 13.9 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 72.154 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

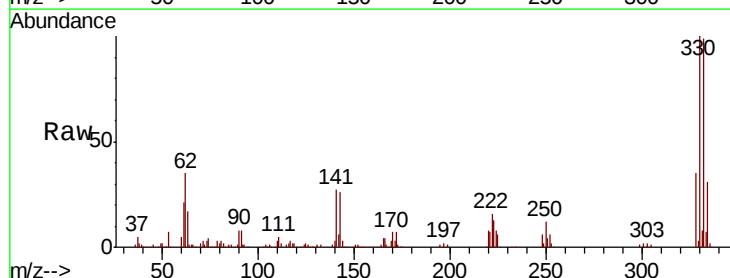
Tgt Ion:330 Resp: 344136

Ion Ratio Lower Upper

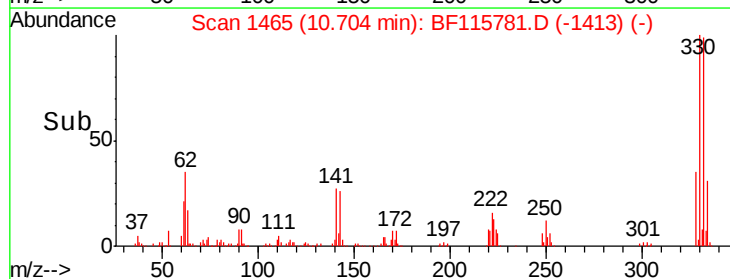
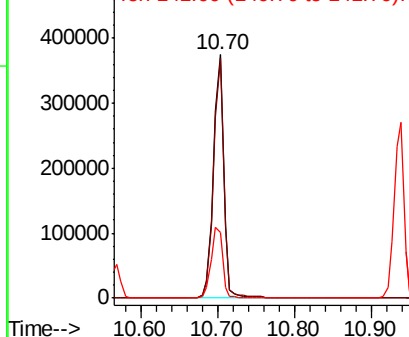
330 100

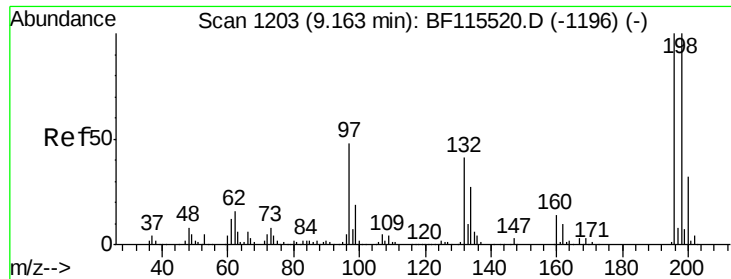
332 97.0 76.1 114.1

141 32.7 25.9 38.9



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

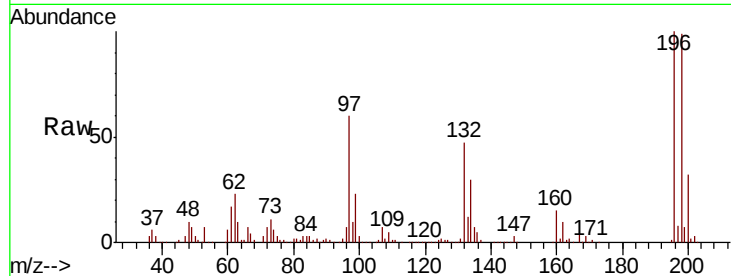




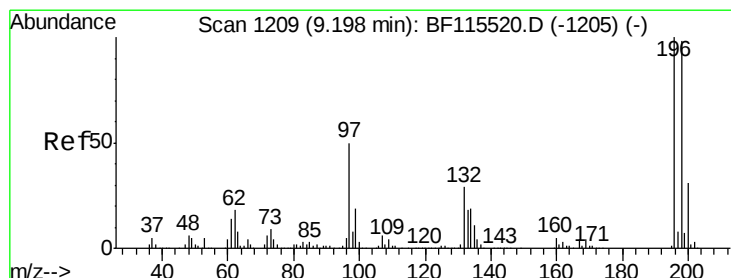
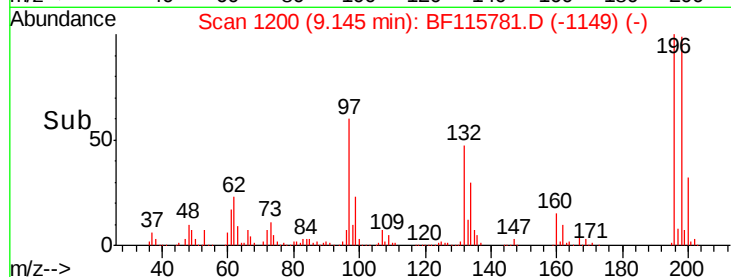
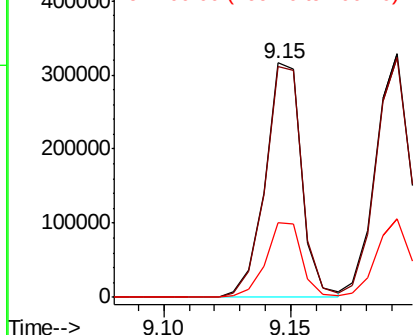
#43
 2,4,6-Trichlorophenol
 Concen: 35.293 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 317575
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.8 119.6
 200 31.6 25.4 38.0



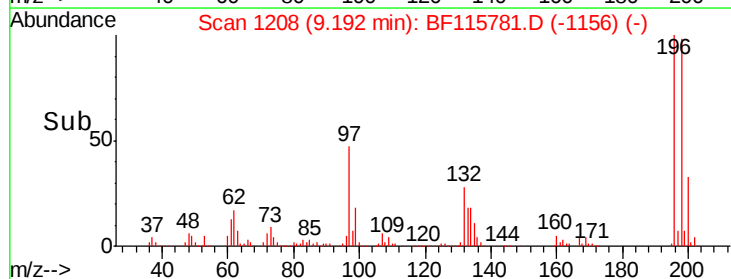
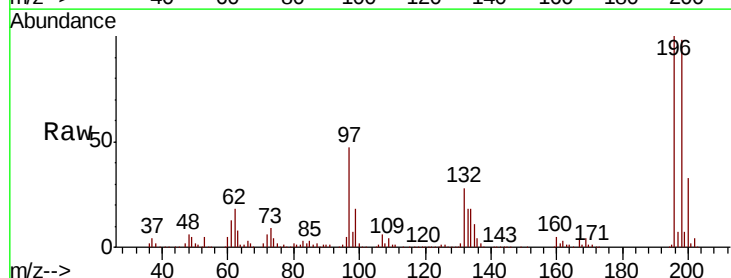
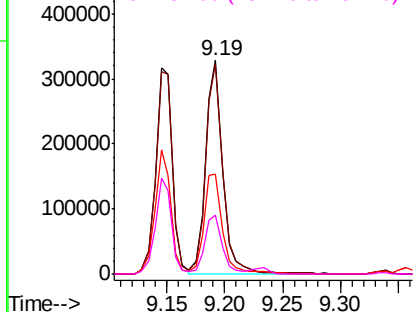
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

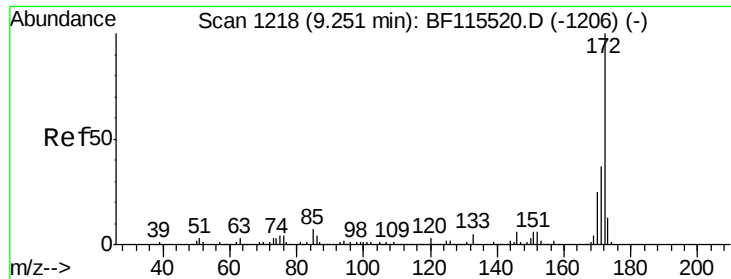


#44
 2,4,5-Trichlorophenol
 Concen: 36.508 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion:196 Resp: 336431
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.2 117.2
 97 47.0 41.9 62.9
 132 27.8 24.1 36.1

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

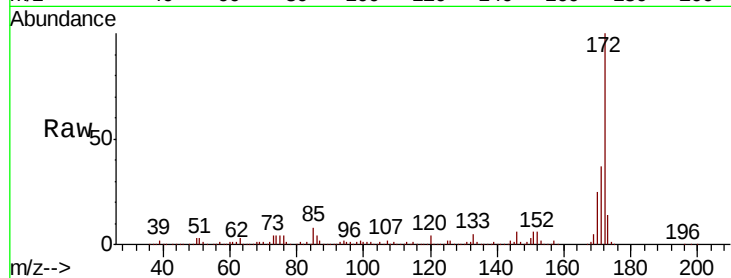




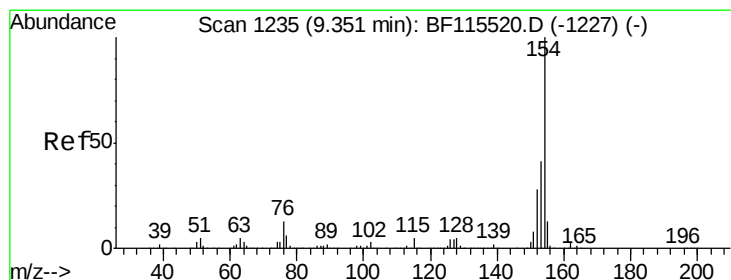
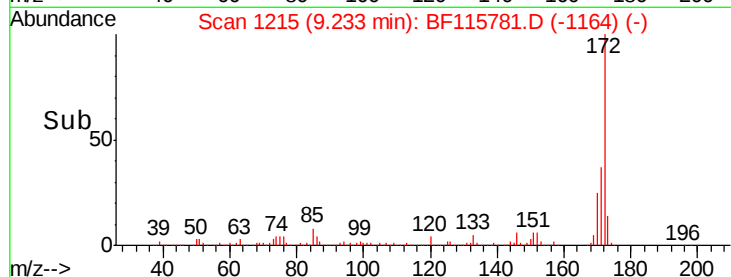
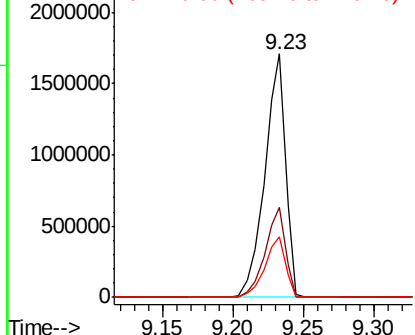
#45
2-Fluorobiphenyl
Concen: 75.830 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1770258
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.4
170 24.9 20.1 30.1

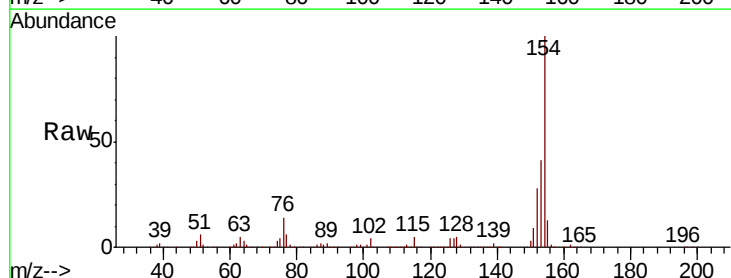


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

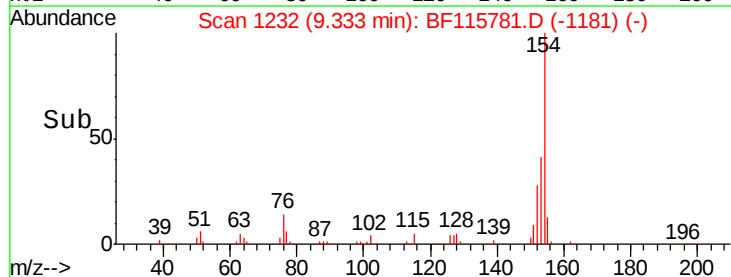
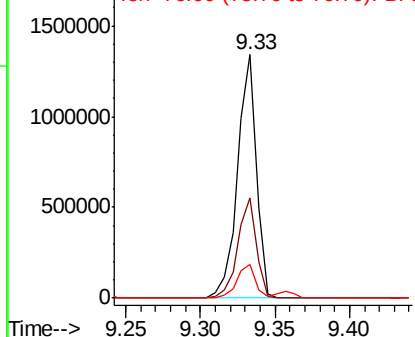


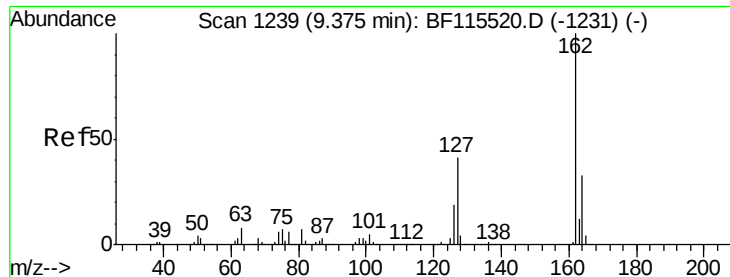
#46
1,1'-Biphenyl
Concen: 37.208 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:154 Resp: 1188588
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 13.8 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

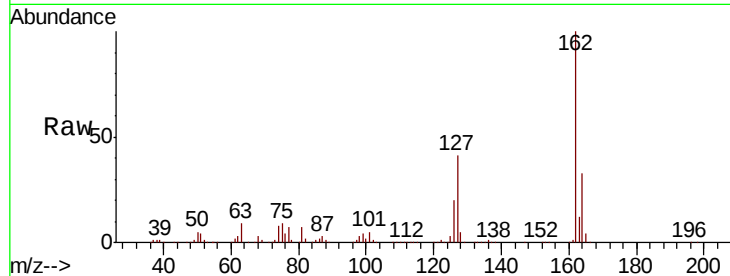




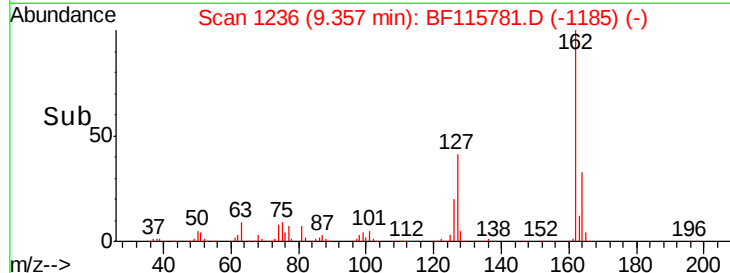
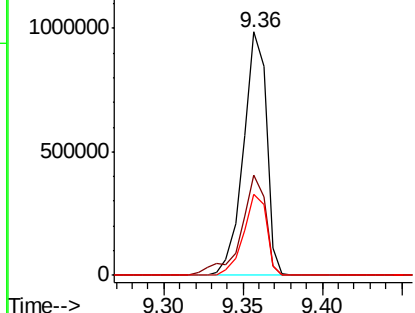
#47
 2-Chloronaphthalene
 Concen: 37.196 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.1	48.1
164	33.3	26.2	39.4

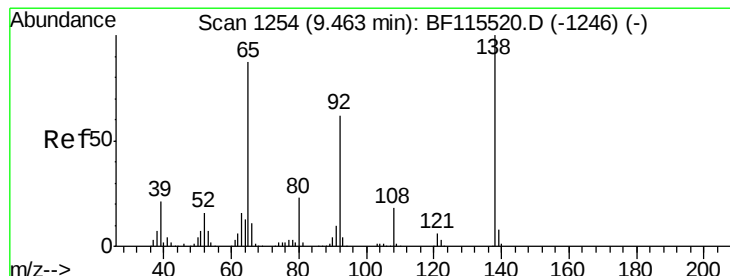


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

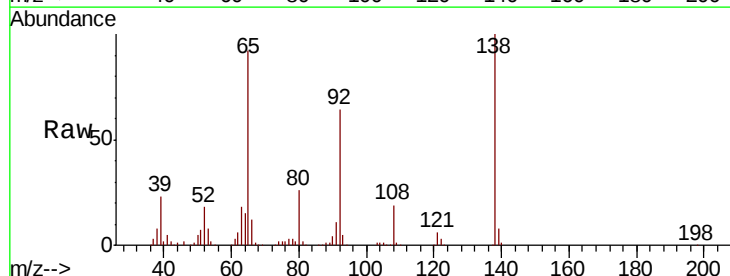
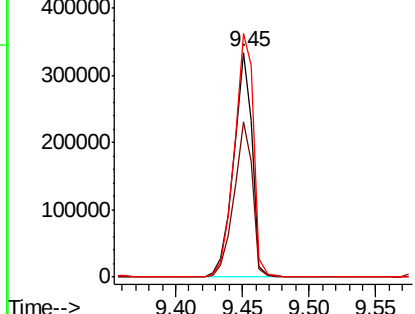


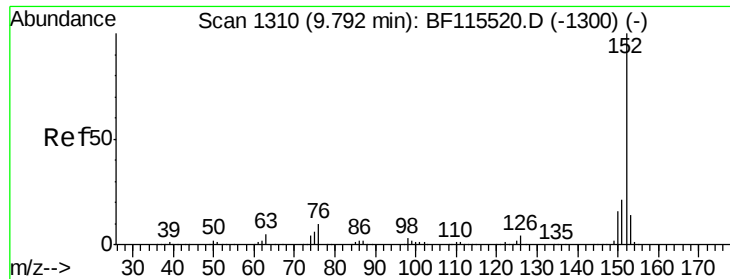
#48
 2-Nitroaniline
 Concen: 39.686 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	56.9	85.3
138	108.5	91.4	137.2



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: 37.388 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

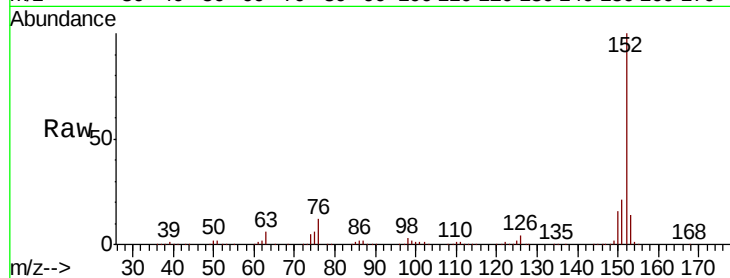
Tot Ion:152 Resp: 1473562

Ion Ratio Lower Upper

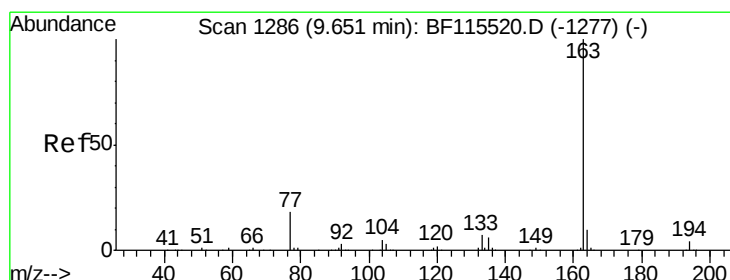
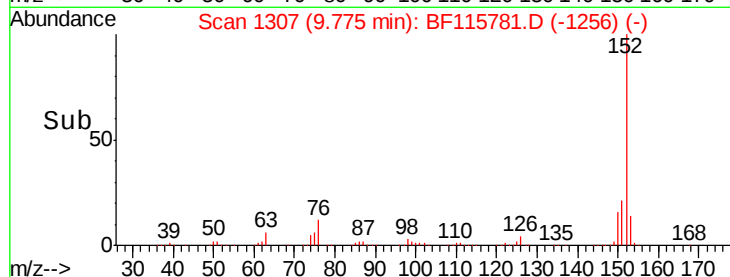
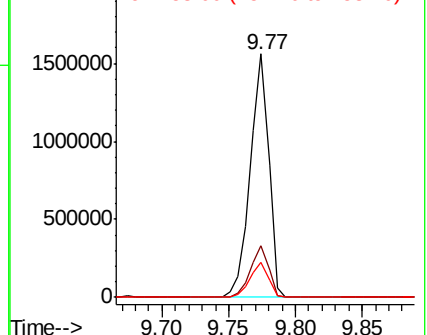
152 100

151 21.4 16.9 25.3

153 14.4 11.5 17.3



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



#50

Dimethylphthalate

Concen: 38.850 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

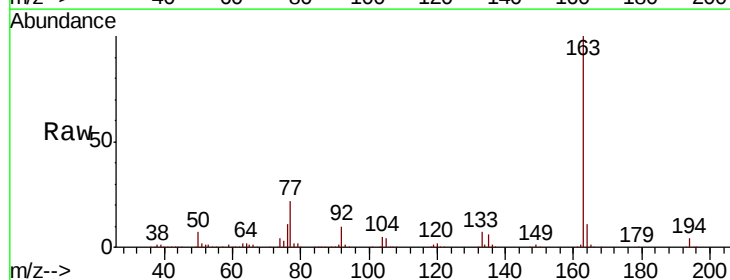
Tgt Ion:163 Resp: 1194339

Ion Ratio Lower Upper

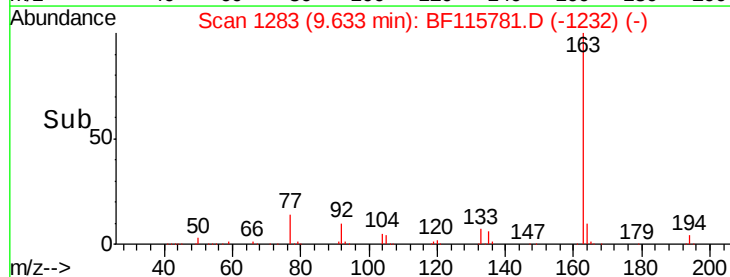
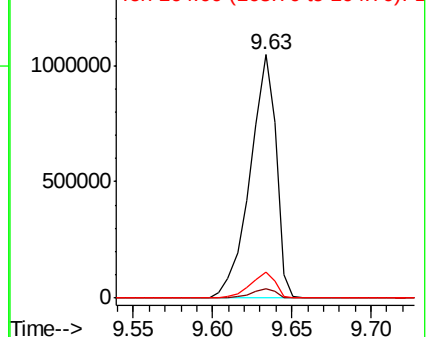
163 100

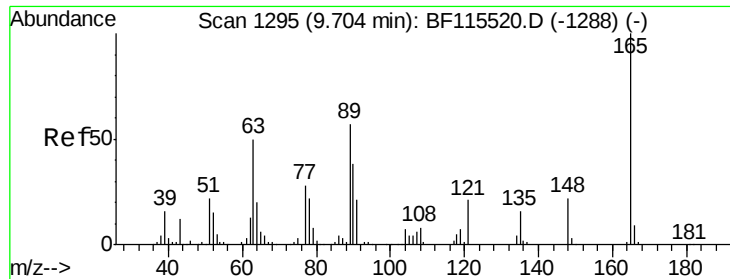
194 3.9 3.2 4.8

164 10.5 8.3 12.5



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

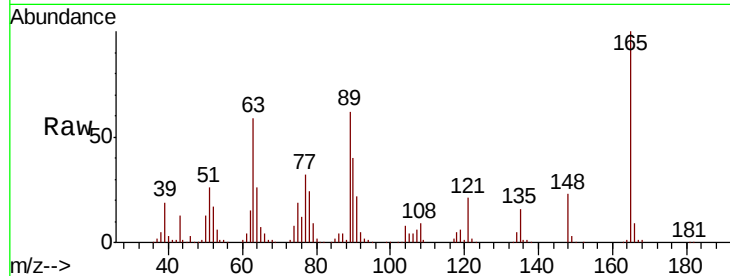




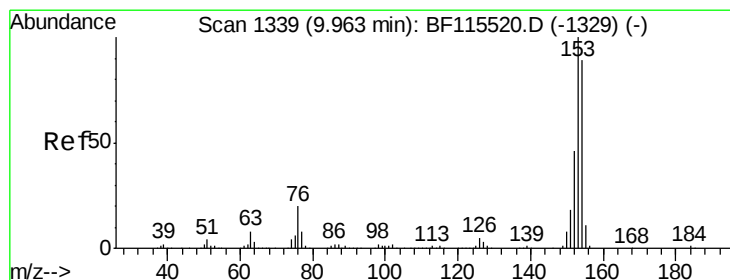
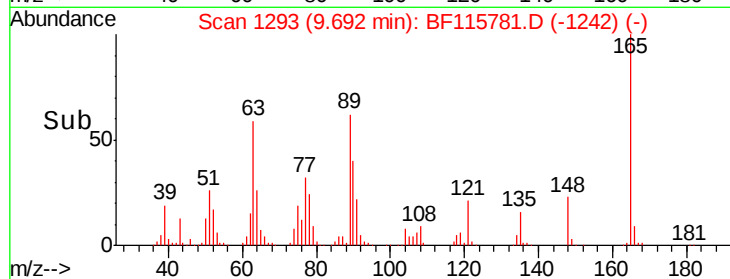
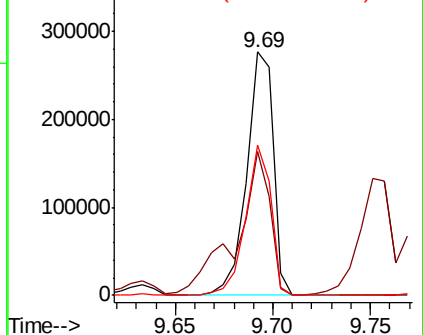
#51
 2,6-Dinitrotoluene
 Concen: 37.488 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	261905
Ion Ratio	Lower	Upper	
165	100		
63	58.8	43.5	65.3
89	61.7	46.3	69.5

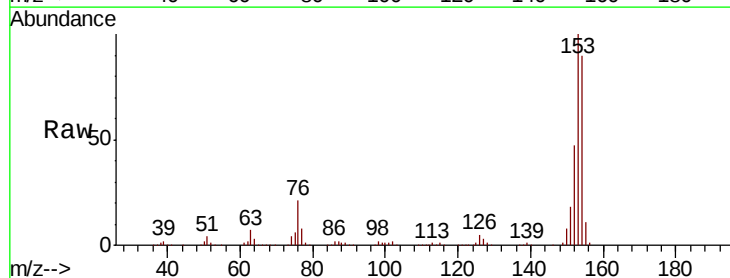


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

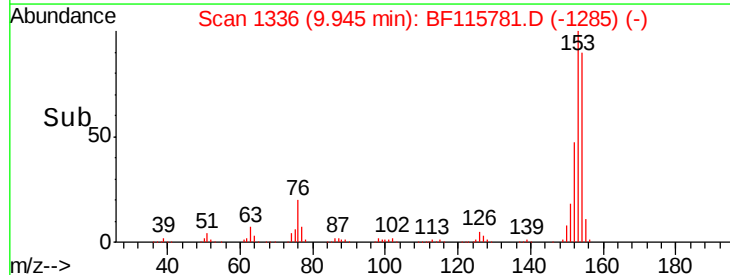
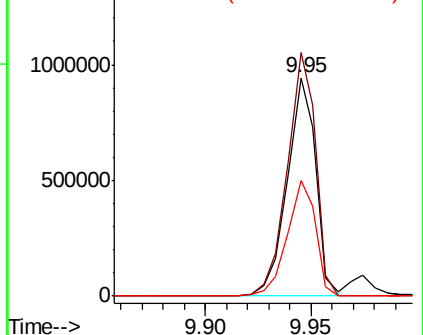


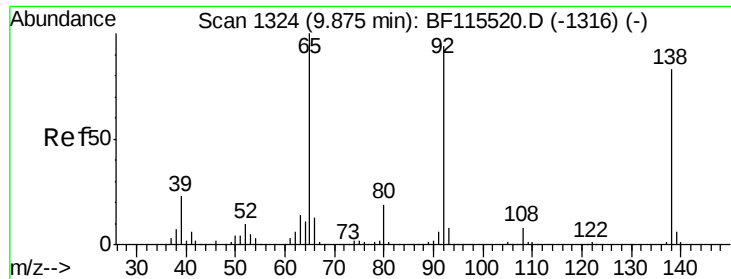
#52
 Acenaphthene
 Concen: 34.915 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion:	154	Resp:	888425
Ion Ratio	Lower	Upper	
154	100		
153	111.4	88.1	132.1
152	52.8	42.0	63.0



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

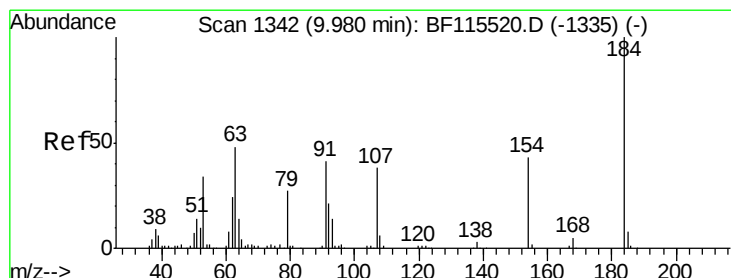
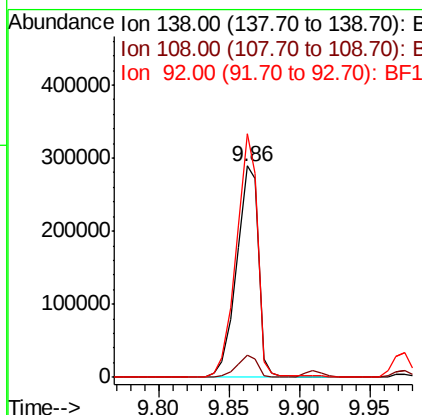
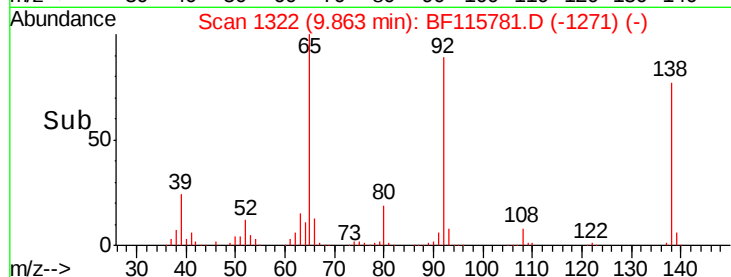
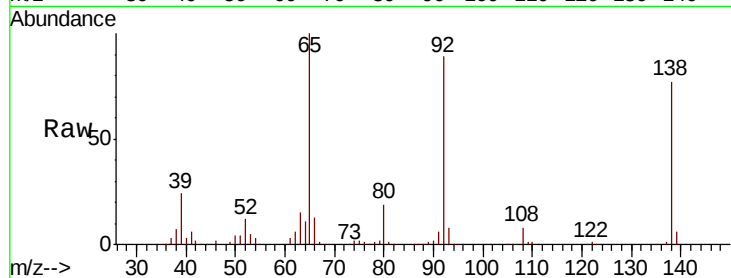




#53
 3-Nitroaniline
 Concen: 38.999 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

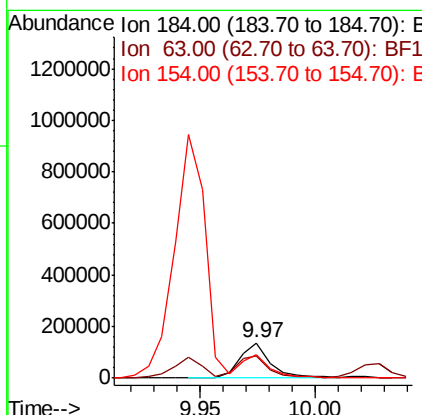
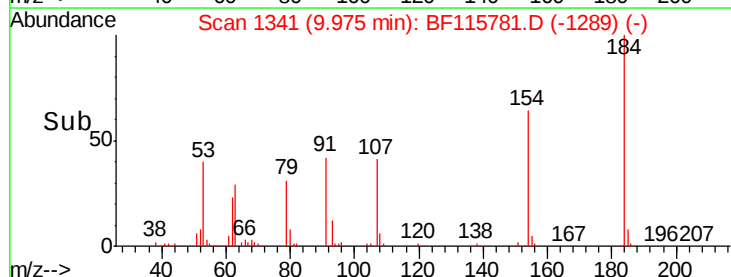
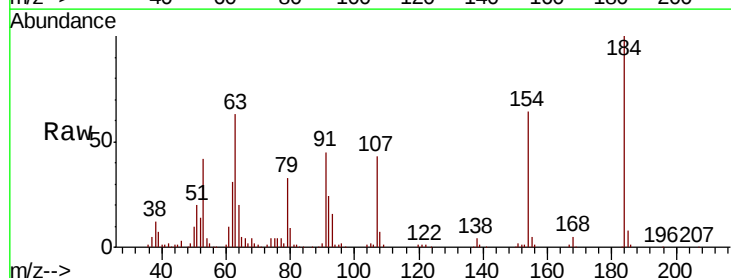
Instrument :
 BNA_F
 ClientSampleId :

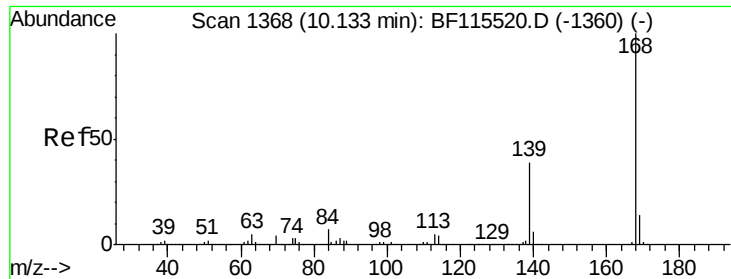
Tot Ion:138 Resp: 311359
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.9 11.9
 92 115.1 87.2 130.8



#54
 2,4-Dinitrophenol
 Concen: 35.402 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion:184 Resp: 126984
 Ion Ratio Lower Upper
 184 100
 63 63.5 55.2 82.8
 154 64.4 51.4 77.0

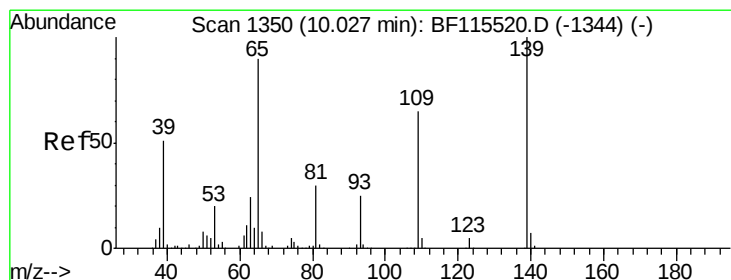
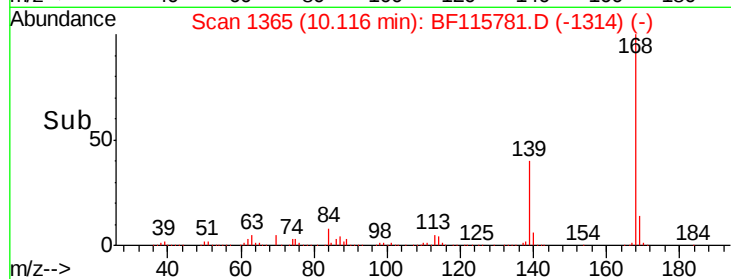
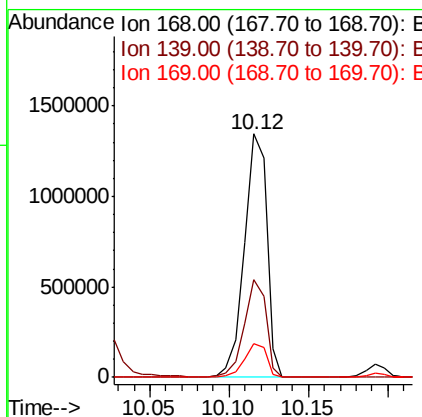
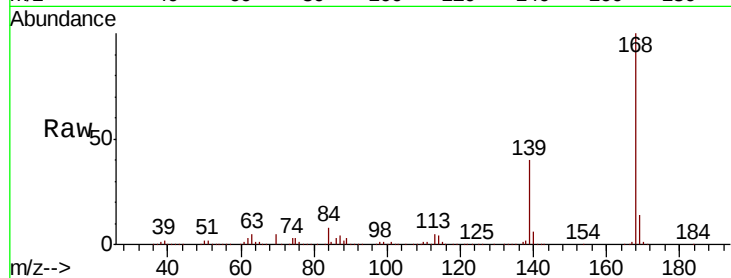




#55
Dibenzofuran
Concen: 36.508 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

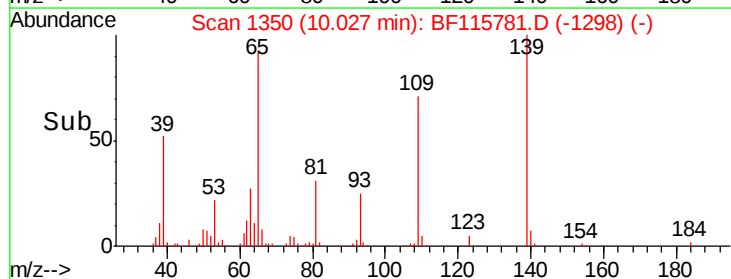
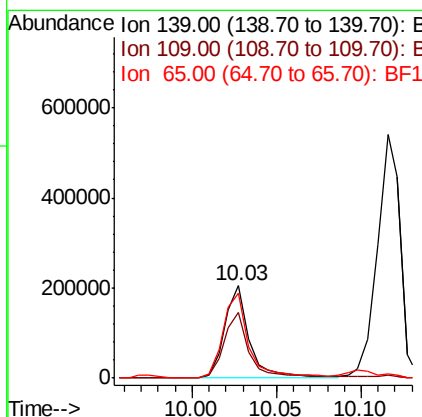
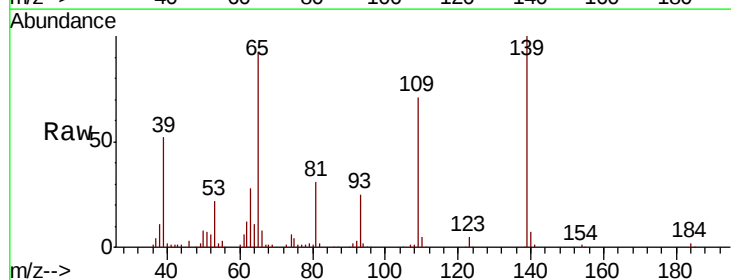
Instrument :
BNA_F
ClientSampleId :

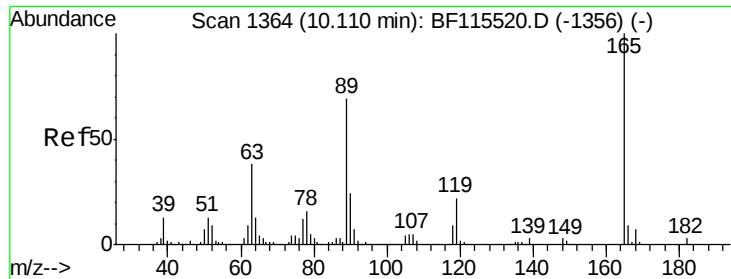
Tot Ion:168 Resp: 1319253
Ion Ratio Lower Upper
168 100
139 40.1 31.4 47.2
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 34.926 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:139 Resp: 212629
Ion Ratio Lower Upper
139 100
109 71.4 51.2 91.2
65 91.7 76.0 116.0

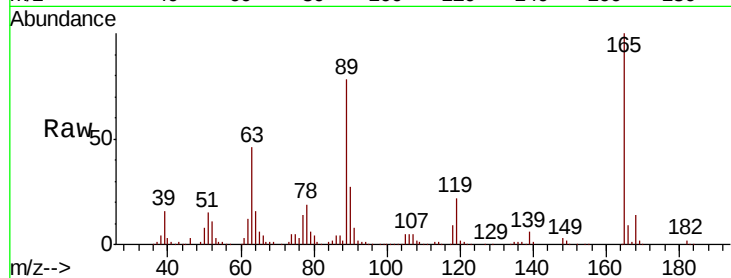




#57
2,4-Dinitrotoluene
Concen: 38.770 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	46.1	33.4	50.2	
89	78.5	57.3	85.9	
182	2.4	2.1	3.1	



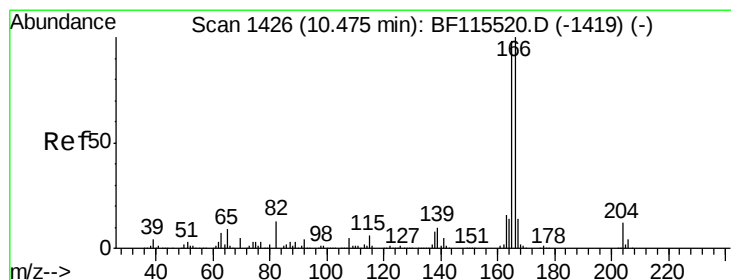
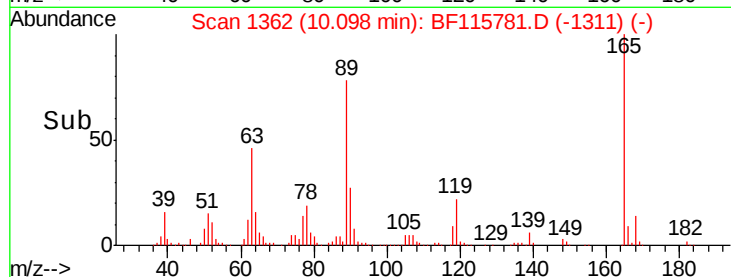
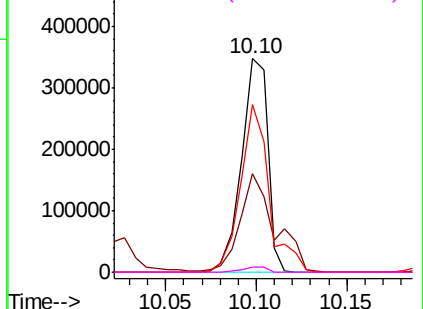
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

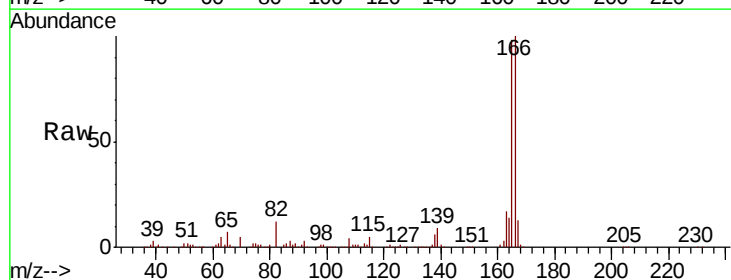
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.376 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.4	79.0	118.4	
167	13.4	11.0	16.6	

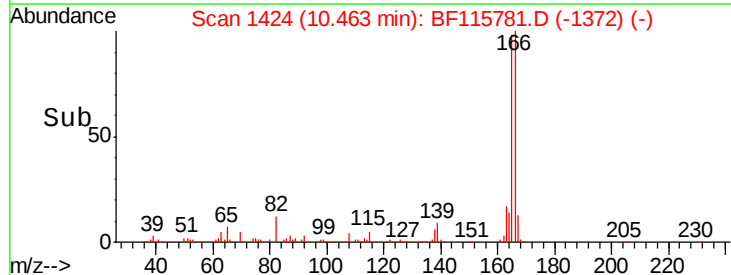
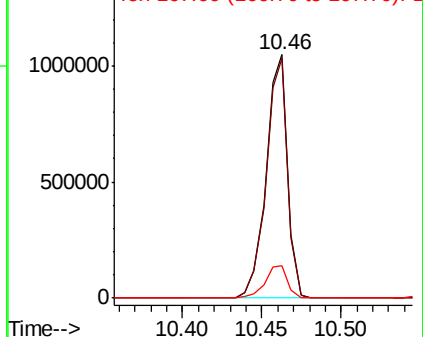


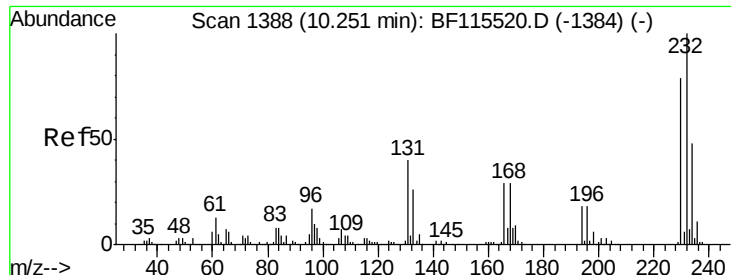
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

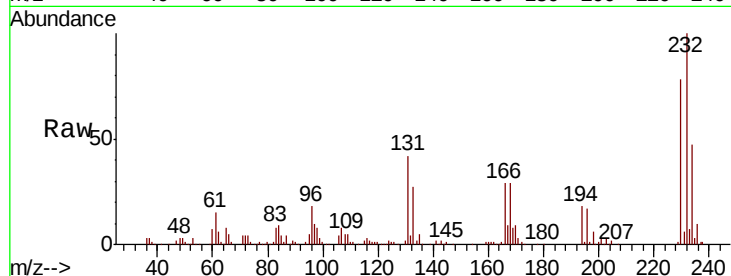




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.998 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	35.8	53.8
130	2.3	1.8	2.6
166	29.9	23.6	35.4



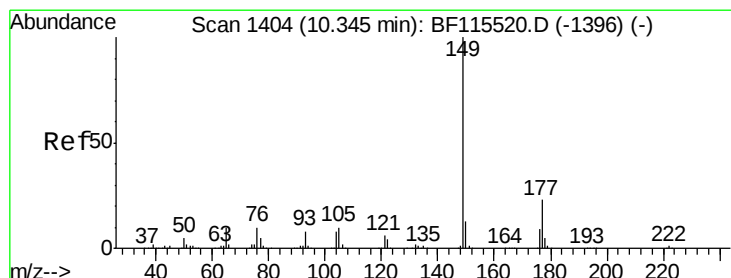
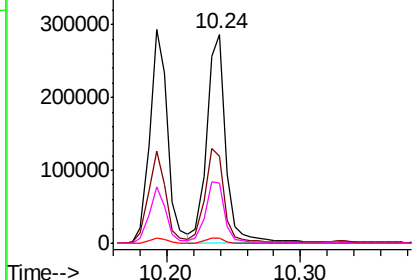
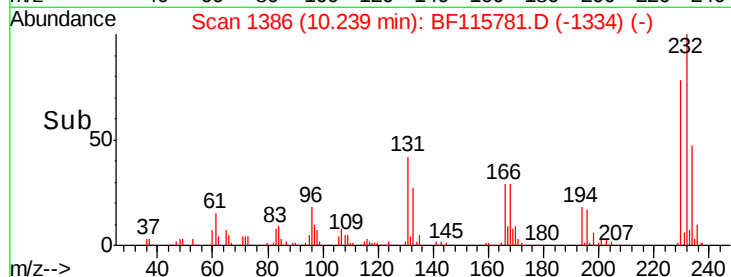
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

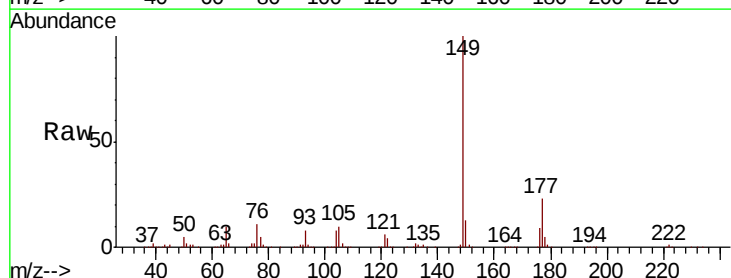
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.074 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	13.0	10.5	15.7

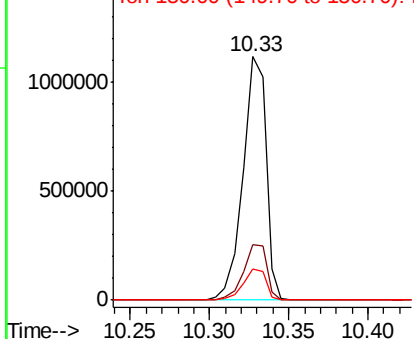
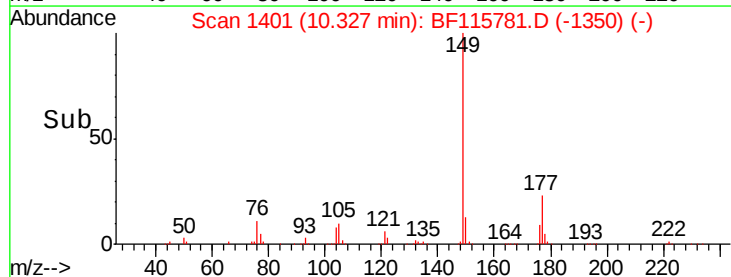


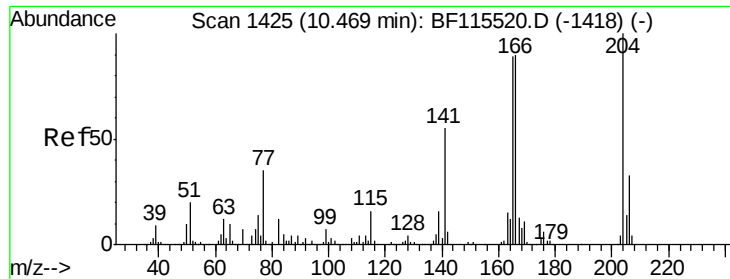
Abundance

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

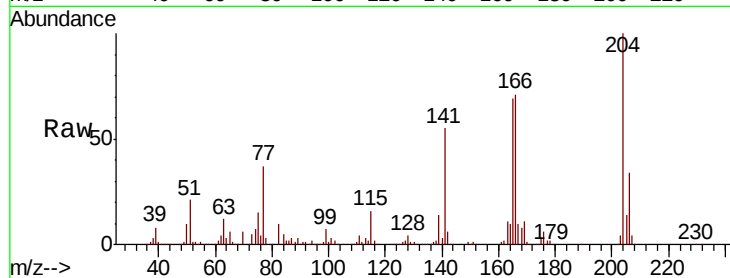




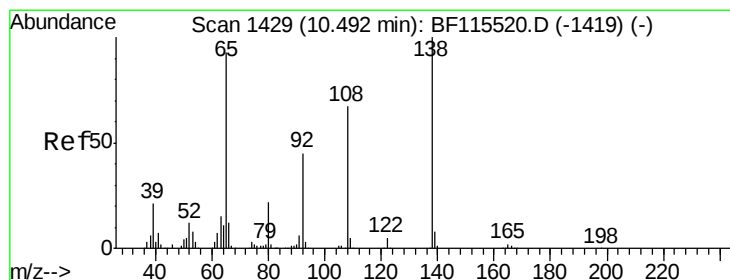
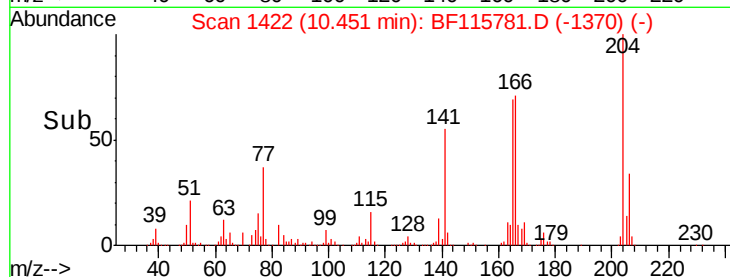
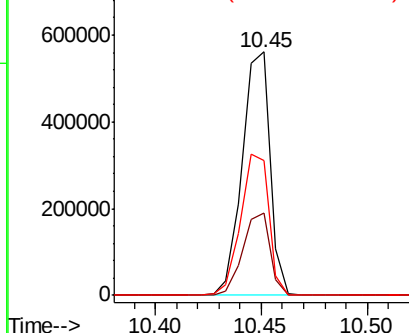
#61
4-Chlorophenyl-phenylether
Concen: 35.931 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 514734
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 55.2 47.3 70.9

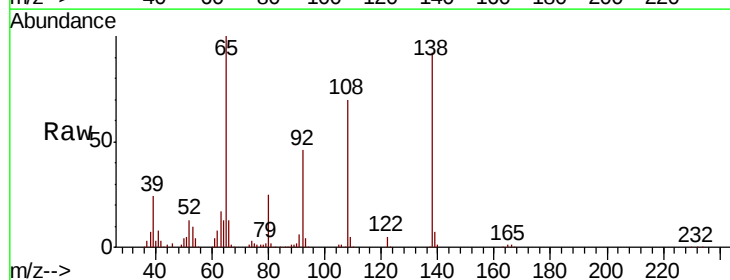


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

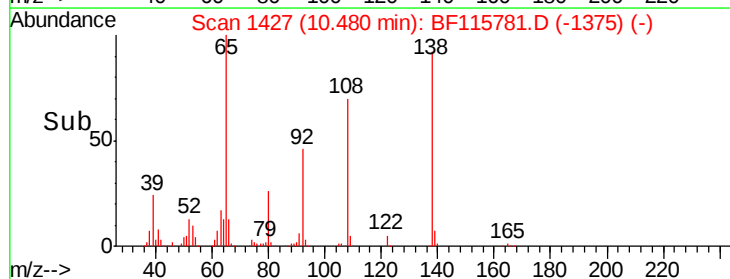
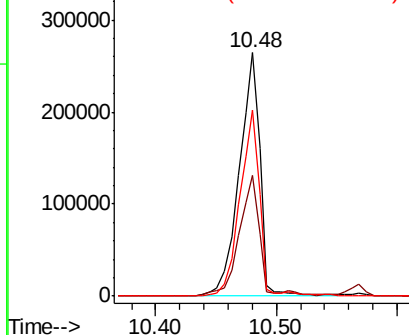


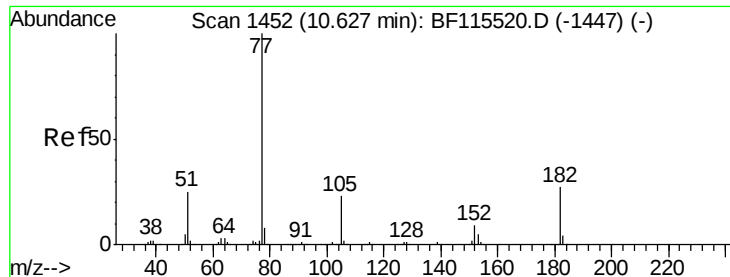
#62
4-Nitroaniline
Concen: 41.528 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:138 Resp: 318026
Ion Ratio Lower Upper
138 100
92 49.8 30.3 70.3
108 76.1 55.0 95.0



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





#63

Azobenzene

Concen: 40.688 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1136775

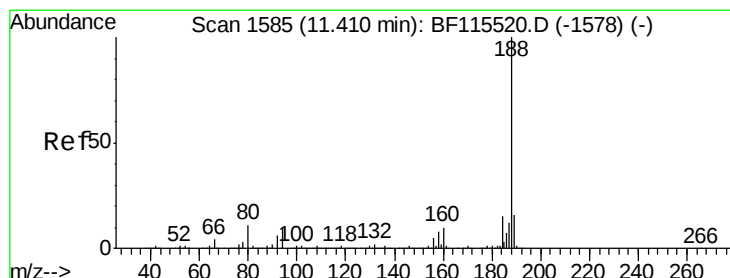
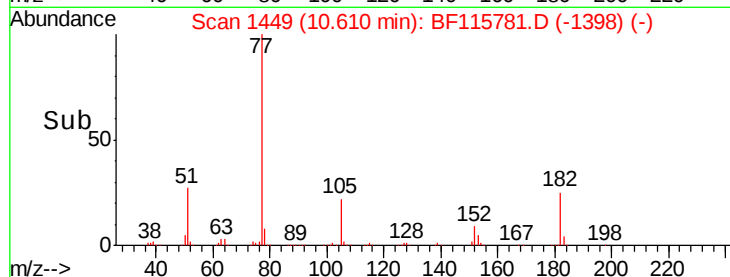
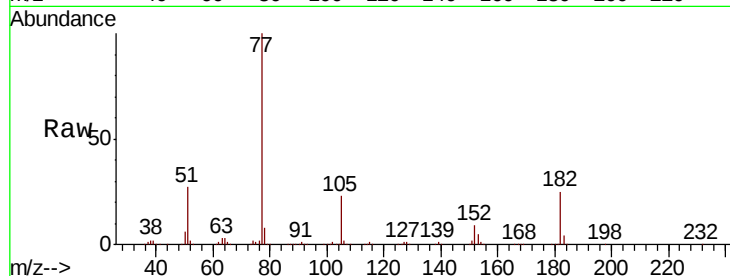
Ion	Ratio	Lower	Upper
77	100		
182	25.3	6.9	46.9
105	22.6	3.1	43.1
51	27.0	6.7	46.7

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. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

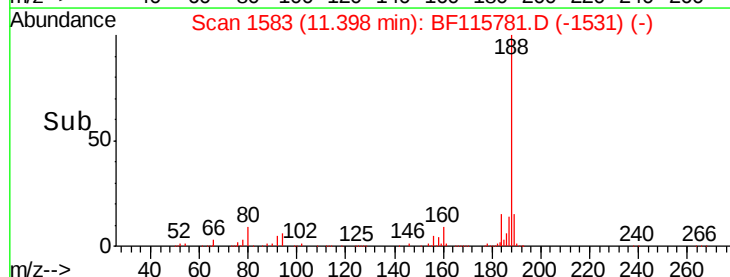
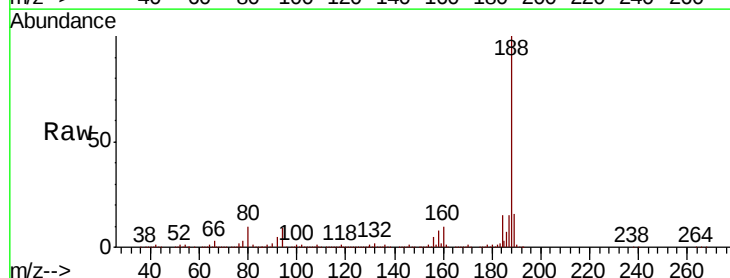
Tgt Ion: 188 Resp: 786993

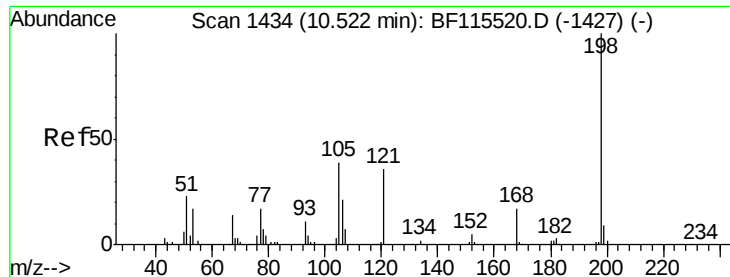
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.6	9.0	13.6

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

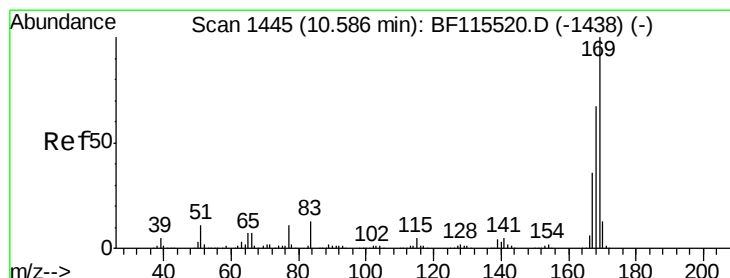
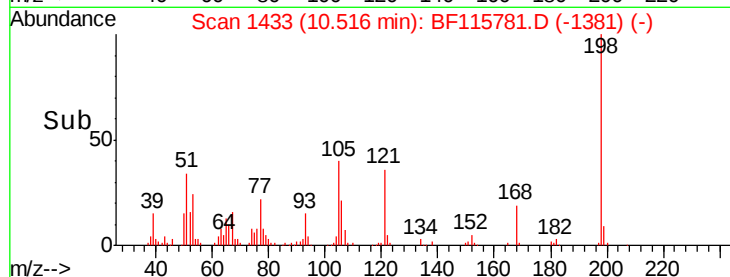
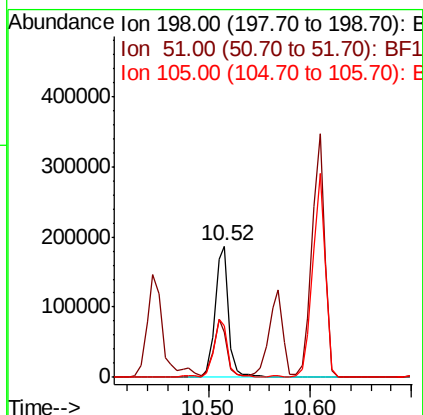
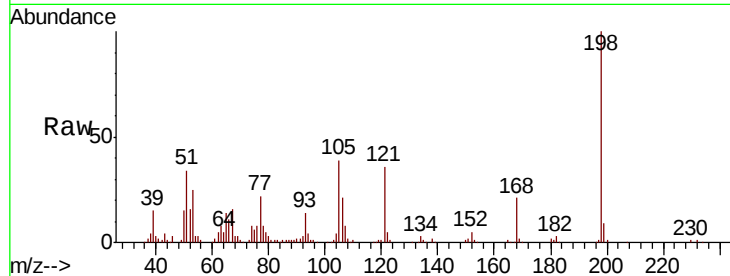




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.272 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

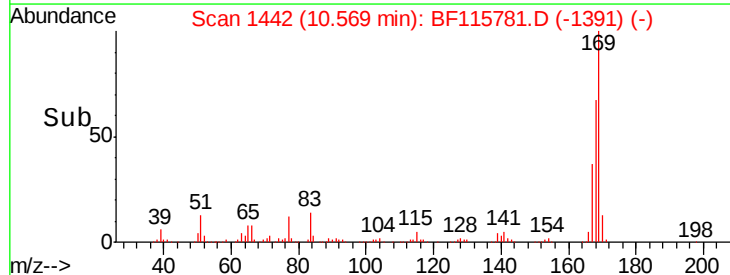
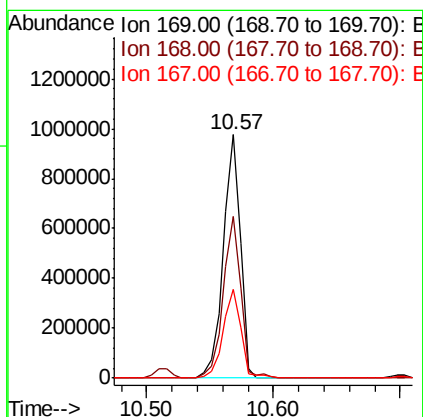
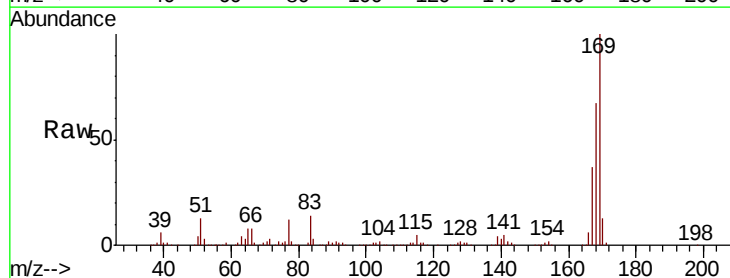
Instrument :
 BNA_F
 ClientSampleId :

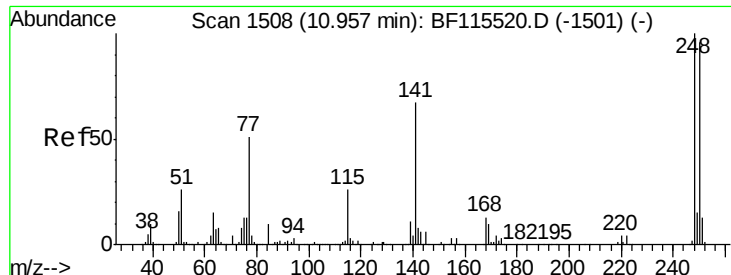
Tot Ion:198 Resp: 174403
 Ion Ratio Lower Upper
 198 100
 51 34.2 20.3 60.3
 105 39.3 24.7 64.7



#66
 n-Nitrosodiphenylamine
 Concen: 37.403 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion:169 Resp: 915635
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.4 80.0
 167 36.6 29.1 43.7

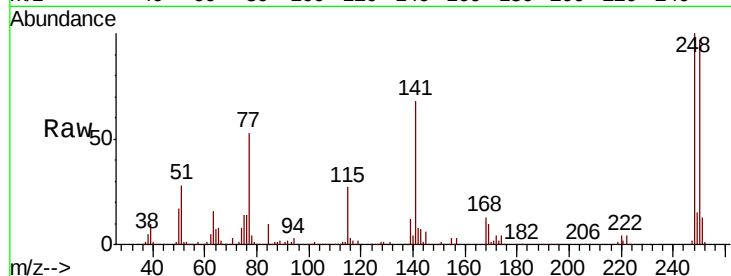




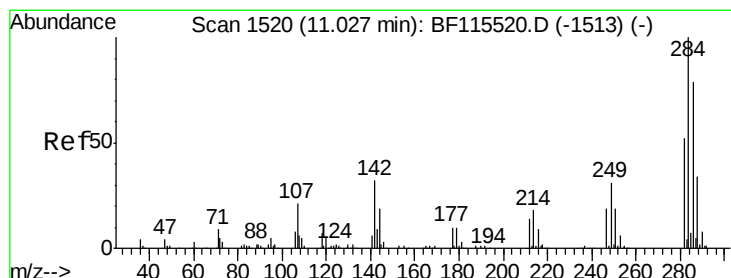
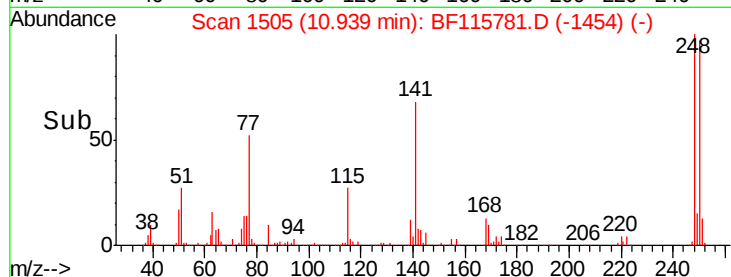
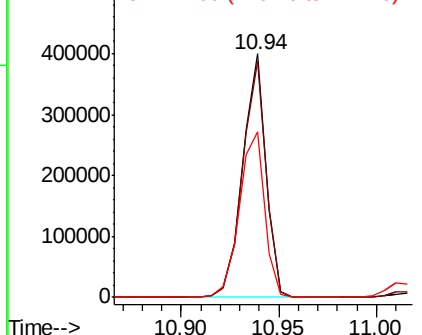
#67
4-Bromophenyl-phenylether
Concen: 36.689 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 329965
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 67.9 52.1 78.1

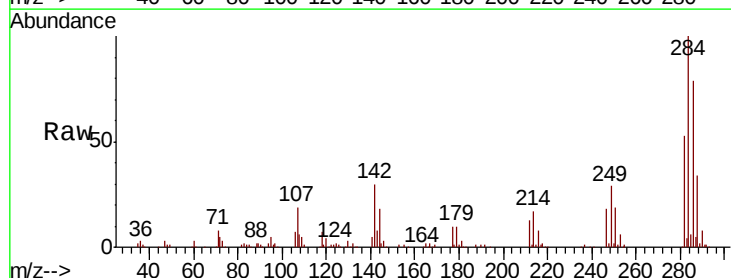


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

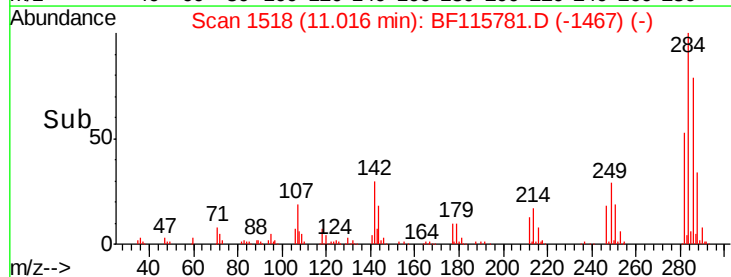
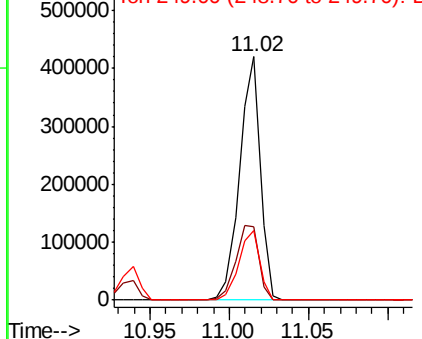


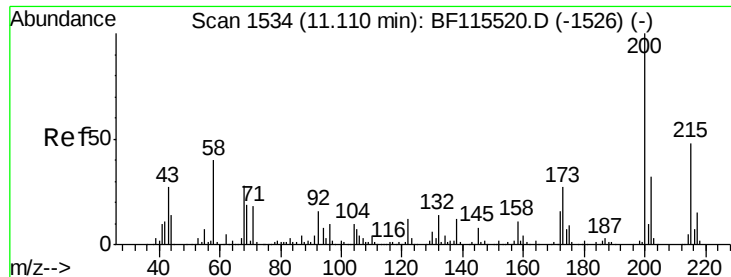
#68
Hexachlorobenzene
Concen: 36.852 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:284 Resp: 378489
Ion Ratio Lower Upper
284 100
142 29.9 21.8 32.8
249 28.7 23.1 34.7



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

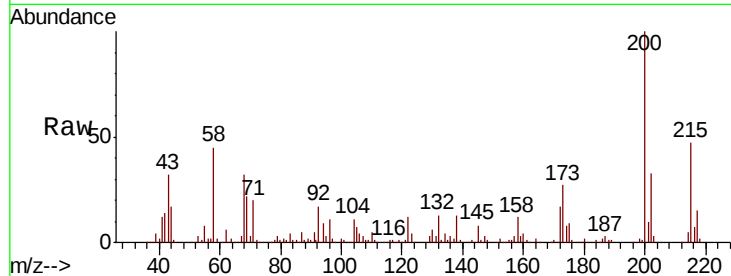




#69
 Atrazine
 Concen: 34.763 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.9	46.9
215	46.9	26.6	66.6

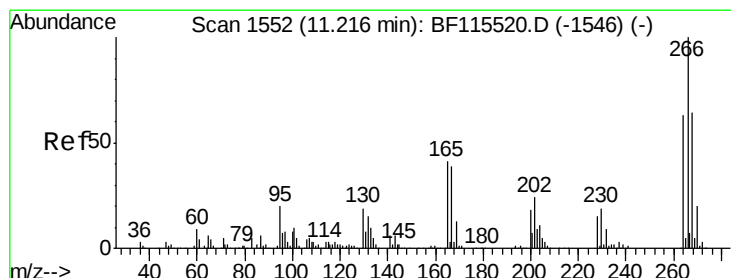
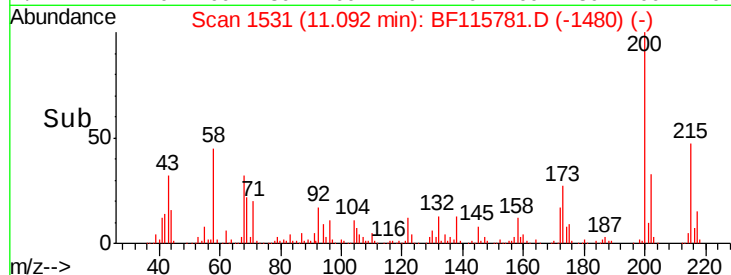
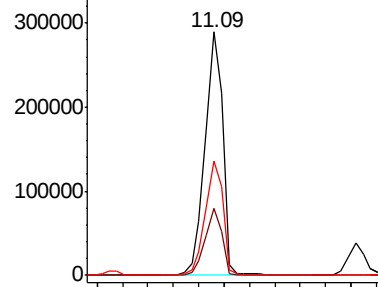


Abundance

Ion 200.00 (199.70 to 200.70): E

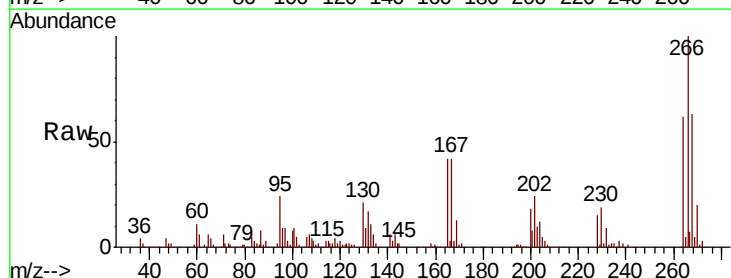
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 36.707 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.2	76.8
264	62.5	50.0	75.0

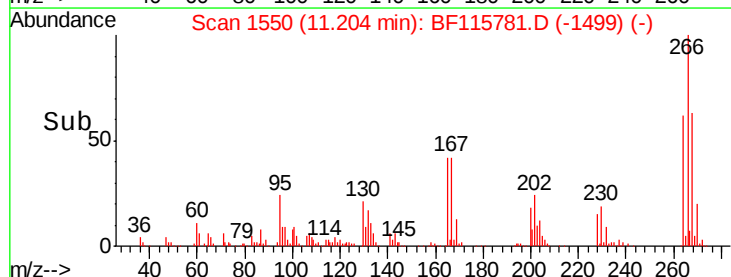
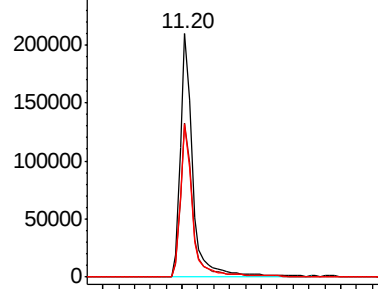


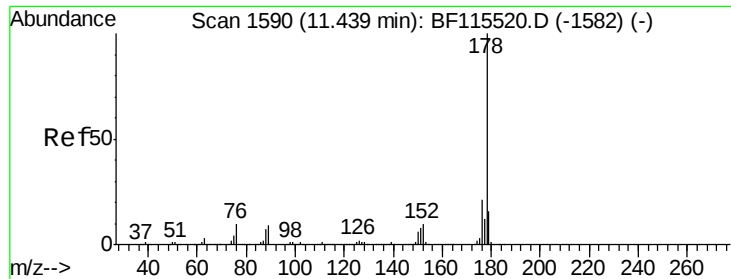
Abundance

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

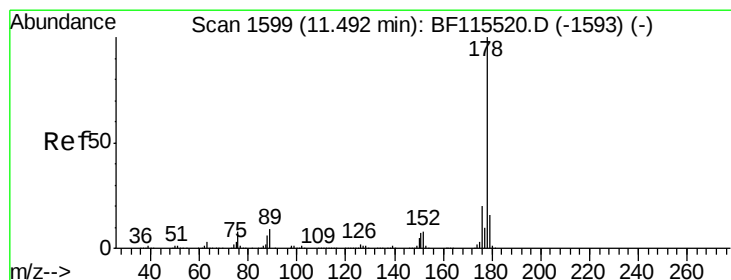
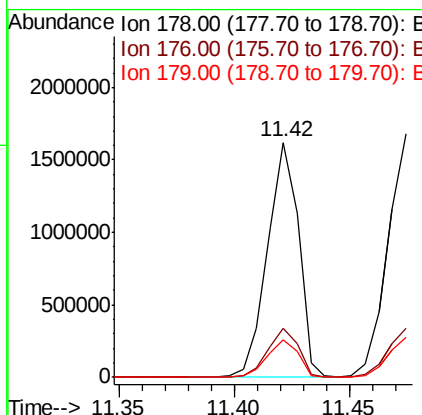
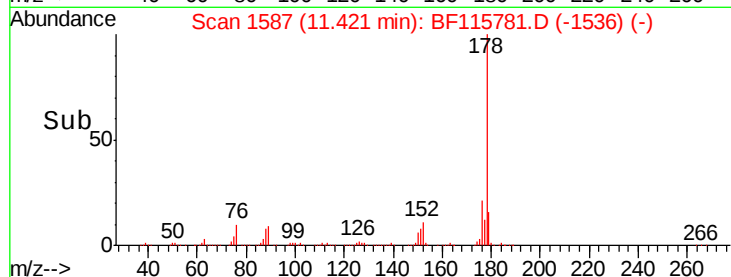
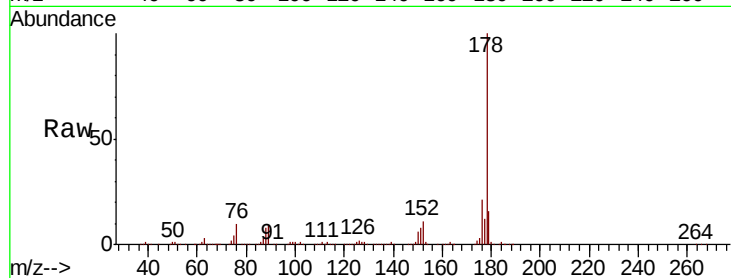




#71
Phenanthrene
Concen: 37.635 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

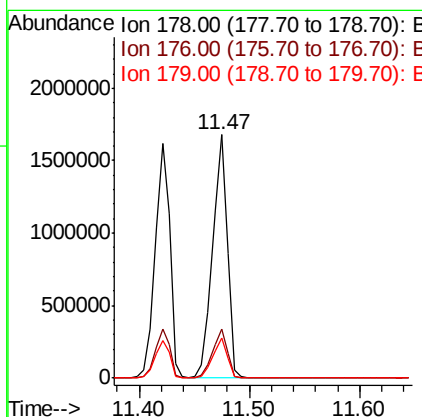
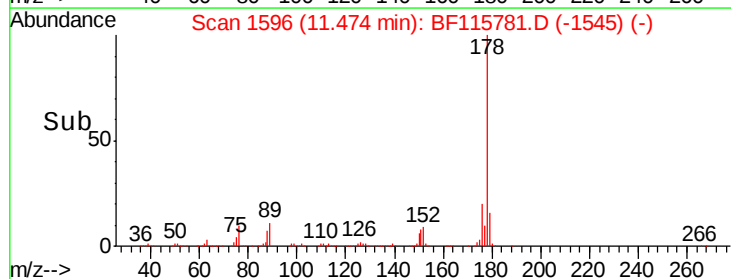
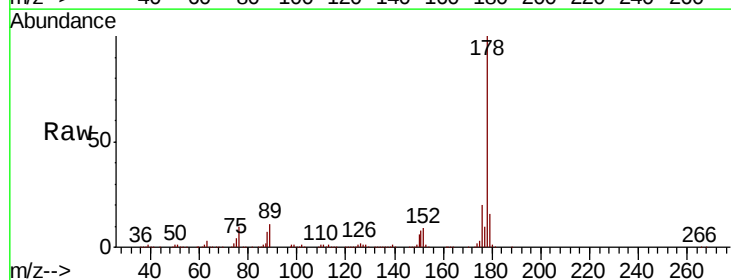
Instrument :
BNA_F
ClientSampleId :

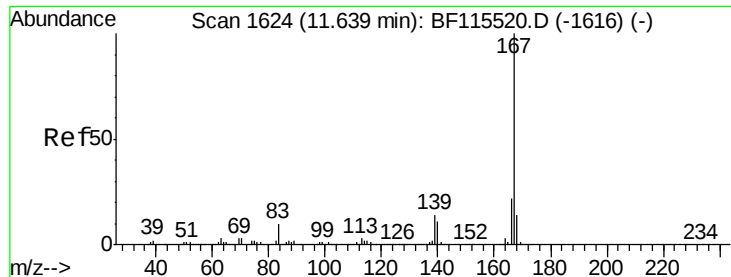
Tot Ion:178 Resp: 1518206
Ion Ratio Lower Upper
178 100
176 20.7 16.4 24.6
179 16.2 12.7 19.1



#72
Anthracene
Concen: 36.858 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:178 Resp: 1536624
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.3 12.6 18.8





#73

Carbazole

Concen: 39.025 ng

RT: 11.63 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

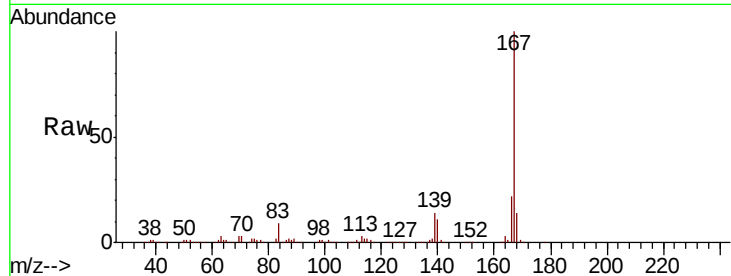
Tot Ion:167 Resp: 1426715

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

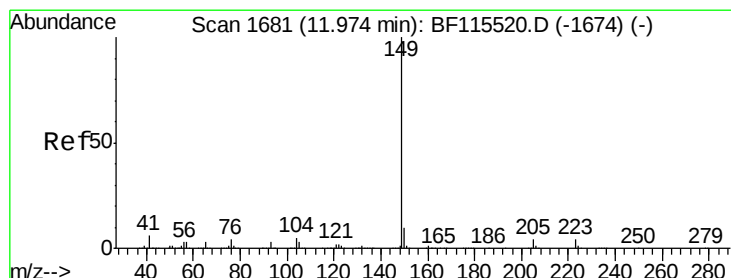
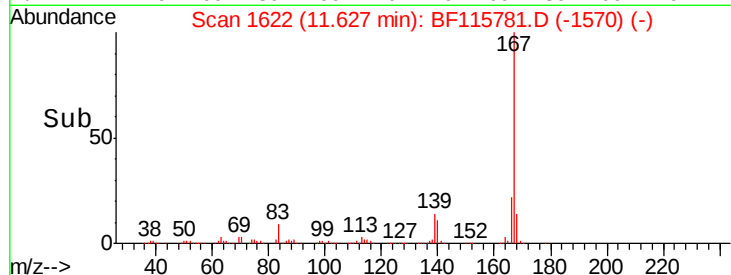
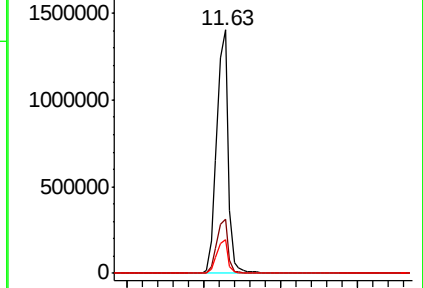
139 13.9 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.148 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

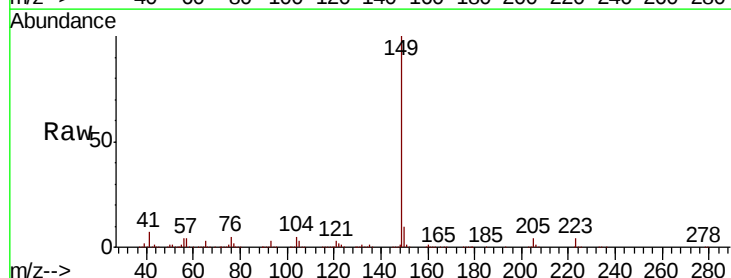
Tgt Ion:149 Resp: 1762926

Ion Ratio Lower Upper

149 100

150 10.0 8.0 12.0

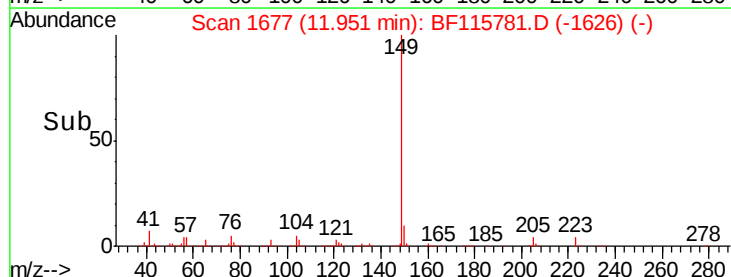
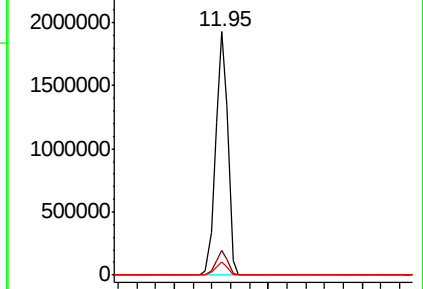
104 5.4 4.3 6.5

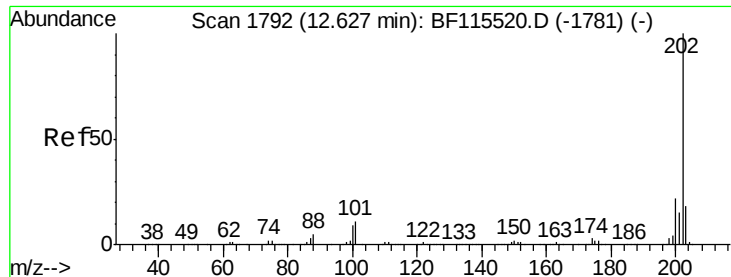


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

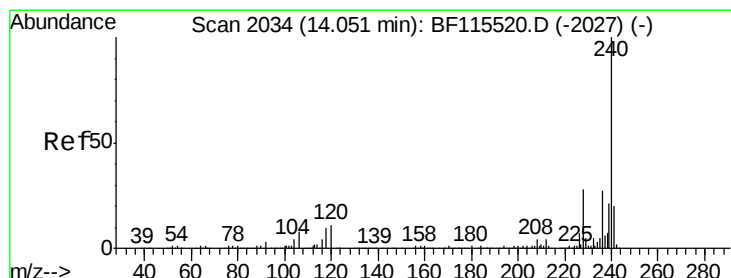
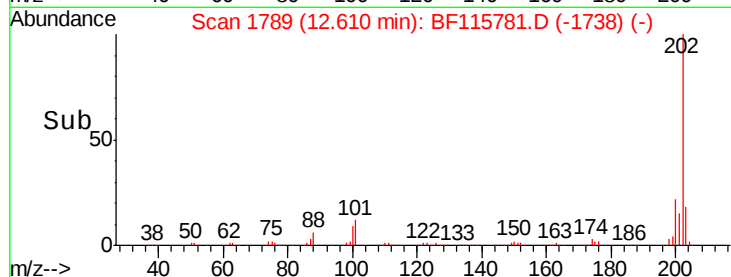
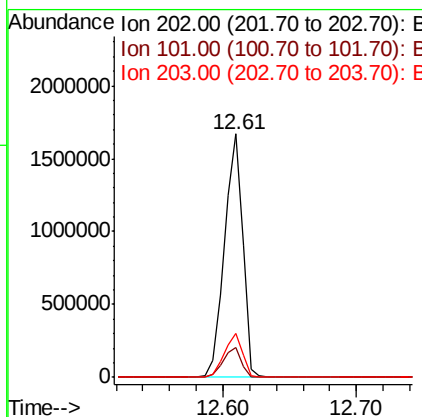
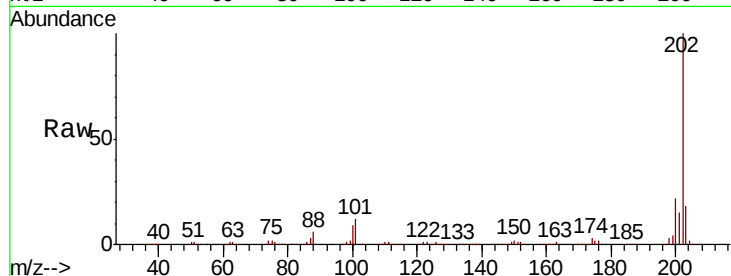




#75
 Fluoranthene
 Concen: 38.025 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

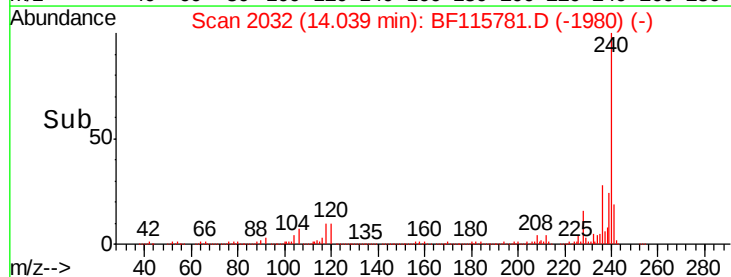
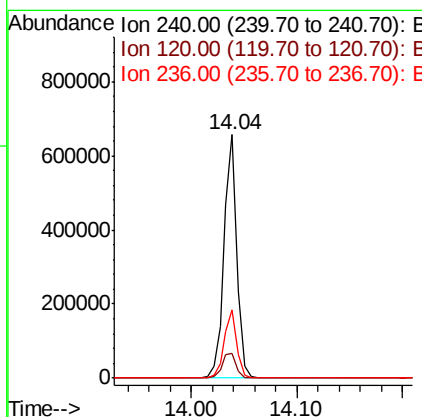
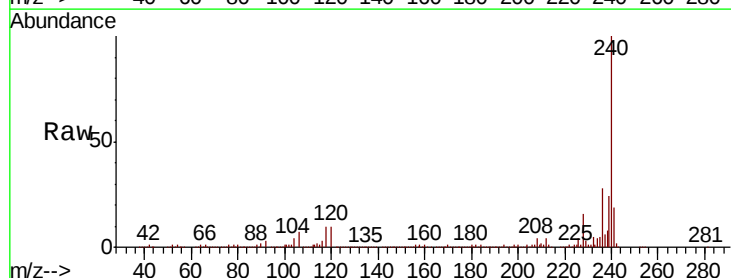
Instrument :
 BNA_F
 ClientSampleId :

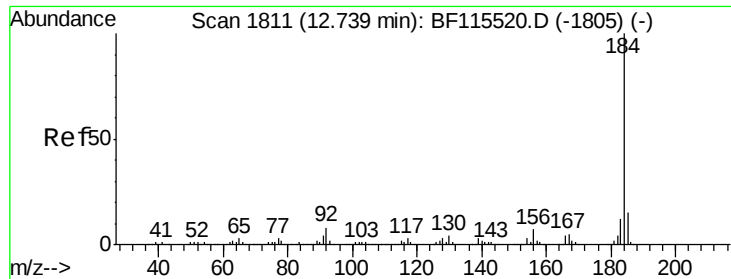
Tot Ion:202 Resp: 1620995
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.6
 203 18.2 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF115781.D
 Acq: 26 Jul 2019 10:43

Tgt Ion:240 Resp: 557128
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.0 15.0
 236 27.9 21.8 32.6

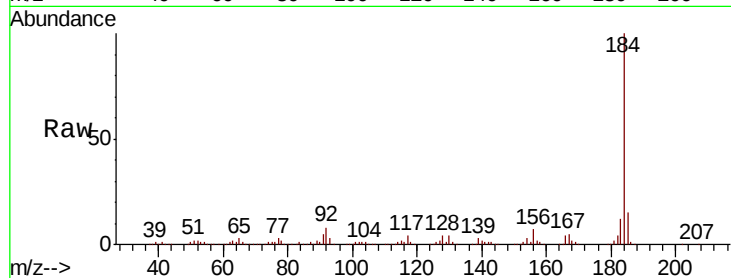




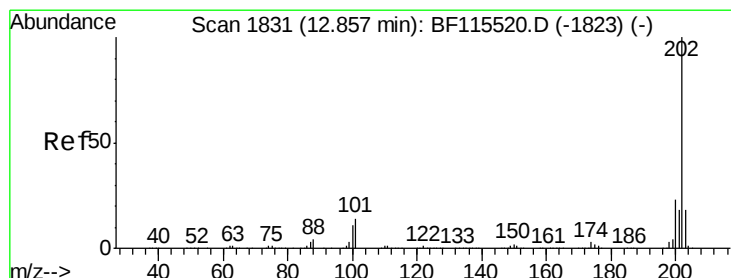
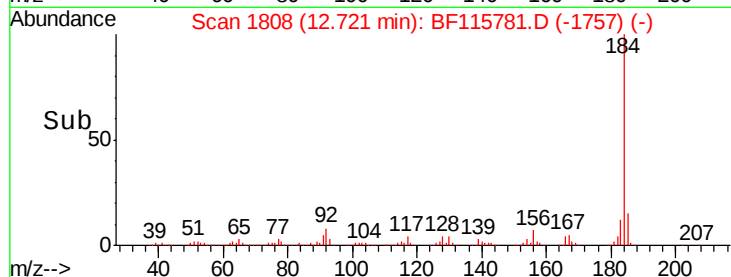
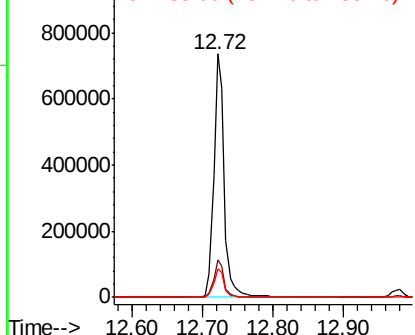
#77
Benzidine
Concen: 38.740 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 764597
Ion Ratio Lower Upper
184 100
185 15.2 12.5 18.7
183 11.8 9.2 13.8

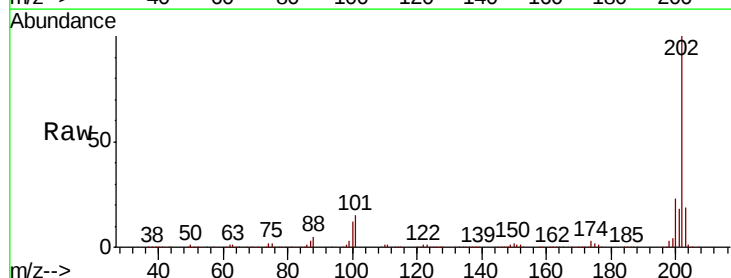


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

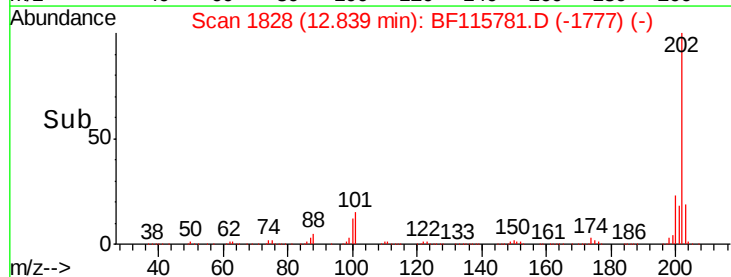
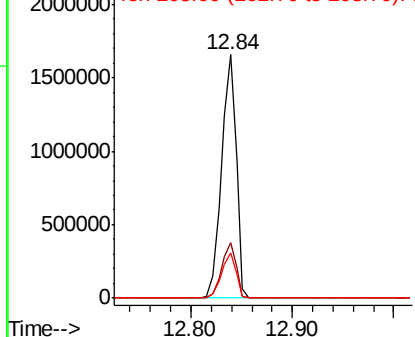


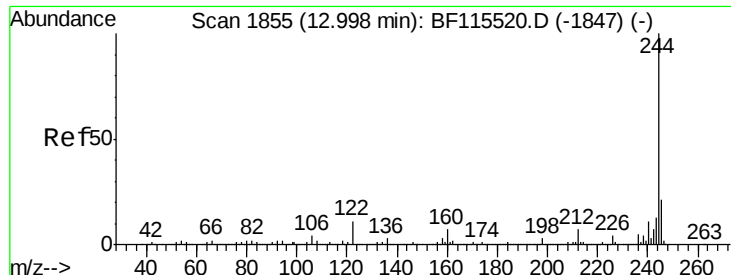
#78
Pyrene
Concen: 35.148 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:202 Resp: 1659050
Ion Ratio Lower Upper
202 100
200 23.0 18.2 27.4
203 18.6 14.6 21.8



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: 68.019 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampled :

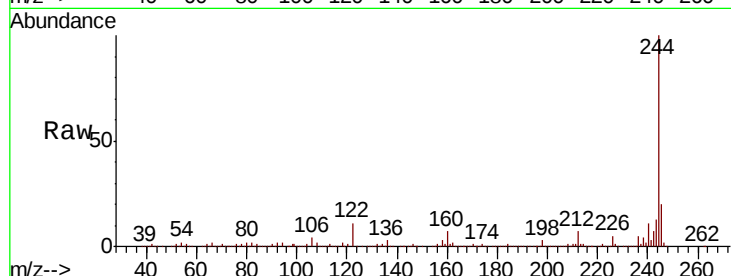
Tot Ion:244 Resp: 2053759

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

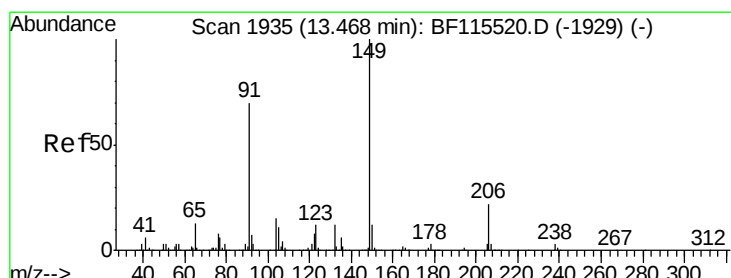
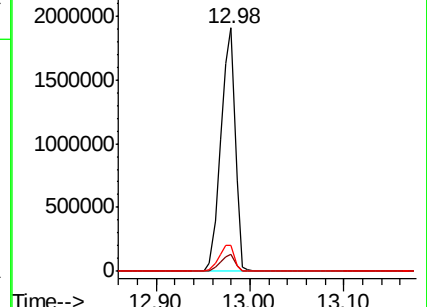
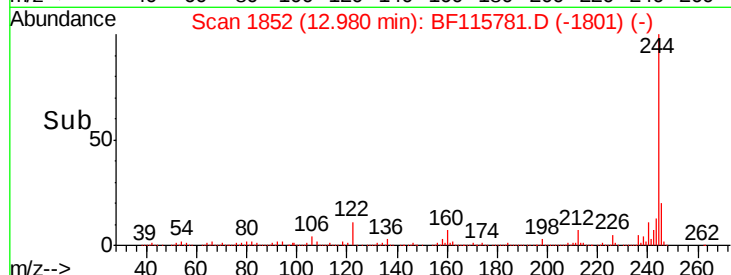
122 10.9 8.2 12.4



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: 38.216 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

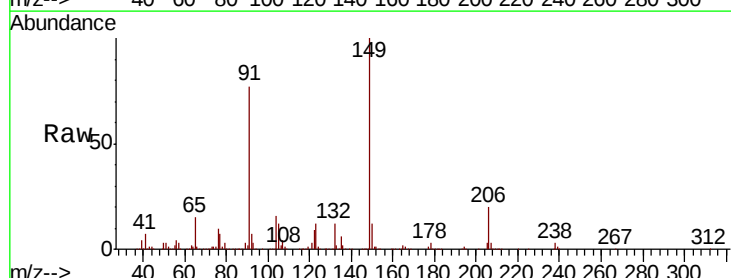
Tgt Ion:149 Resp: 768991

Ion Ratio Lower Upper

149 100

91 76.6 59.8 89.8

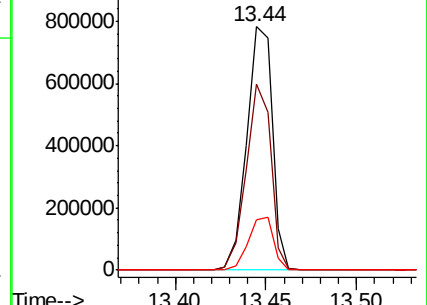
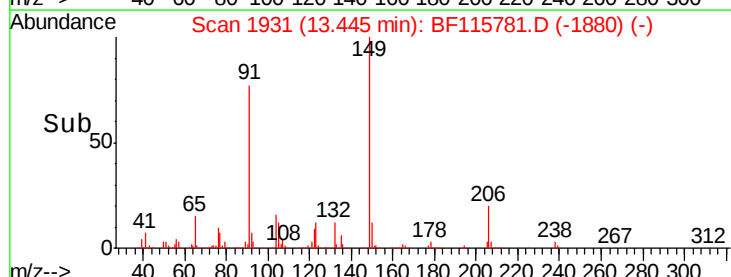
206 20.4 16.2 24.4

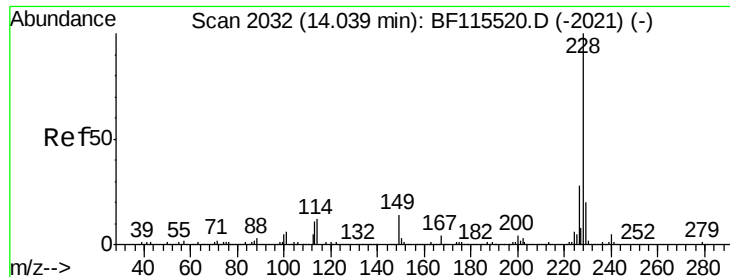


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.106 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

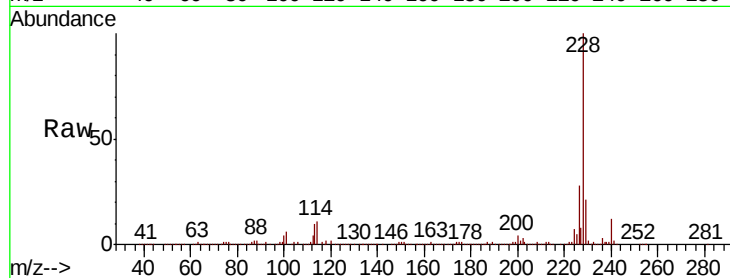
Tot Ion:228 Resp: 1435320

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.2

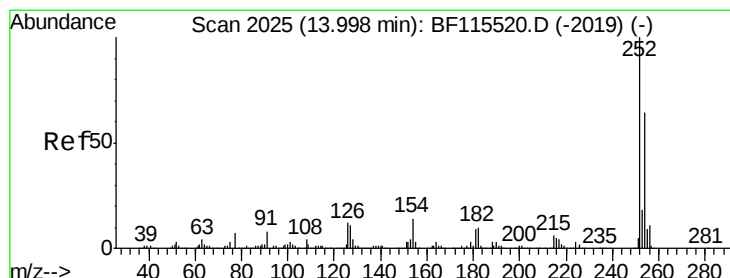
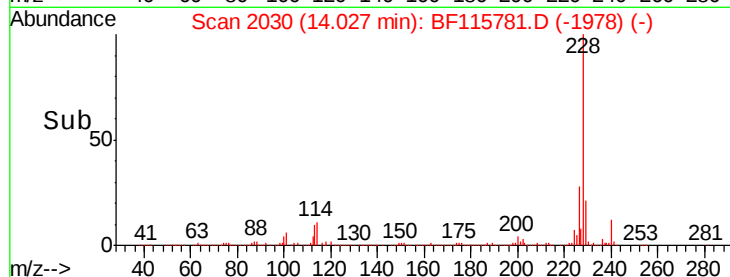
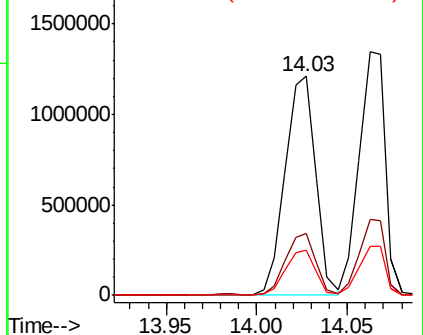
229 20.6 16.1 24.1



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: 38.790 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

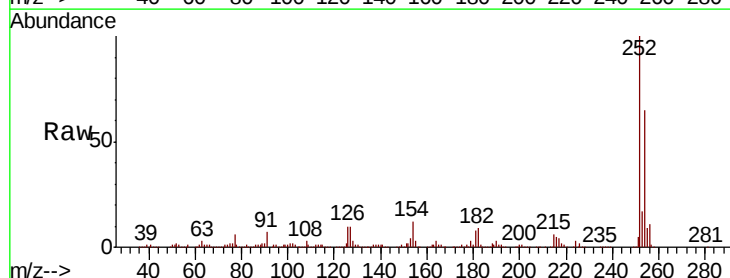
Tgt Ion:252 Resp: 506137

Ion Ratio Lower Upper

252 100

254 64.9 51.6 77.4

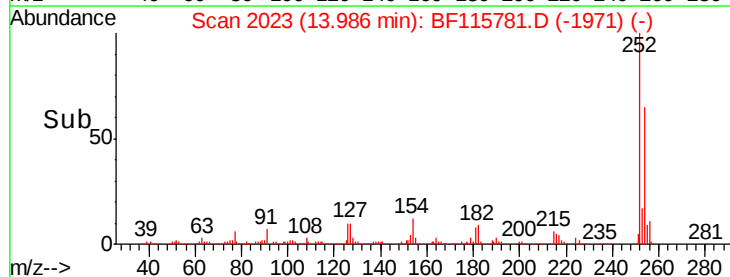
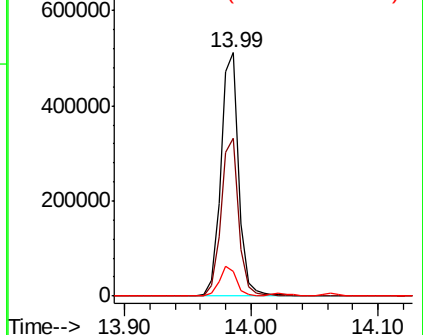
126 10.2 9.9 14.9

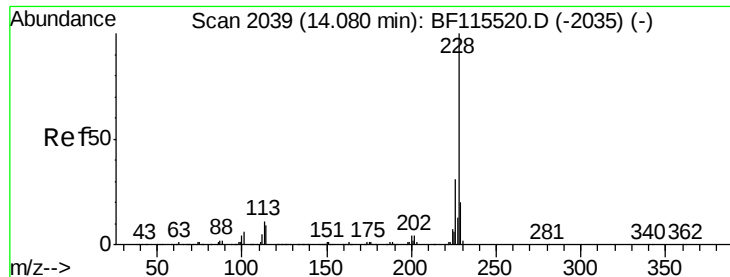


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.019 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

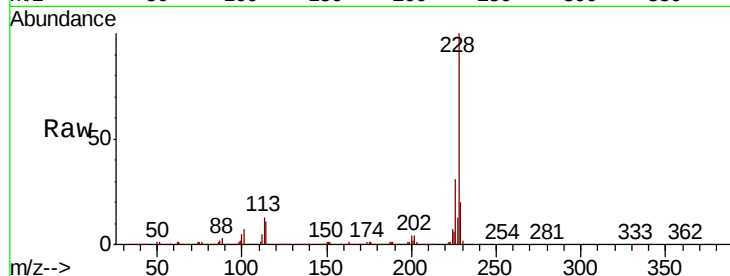
Tot Ion:228 Resp: 1363979

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

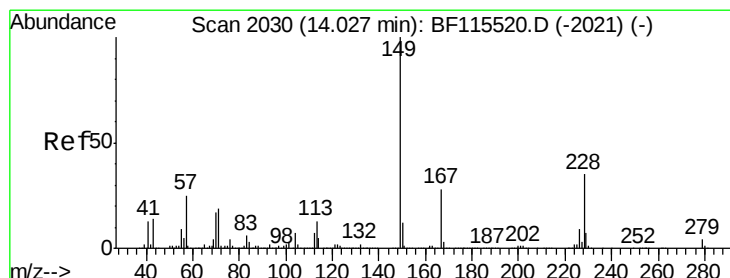
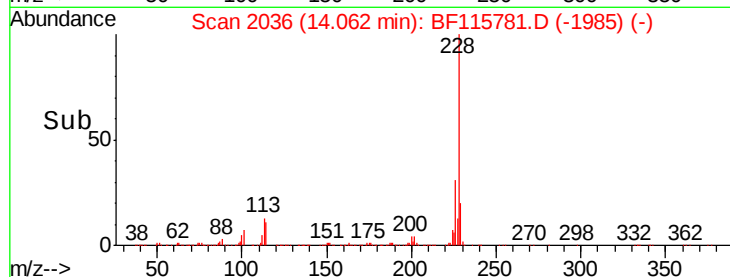
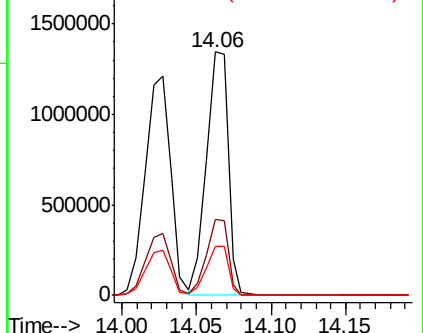
229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.313 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

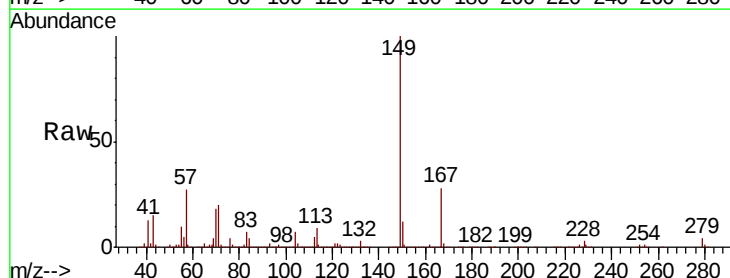
Tgt Ion:149 Resp: 1029702

Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

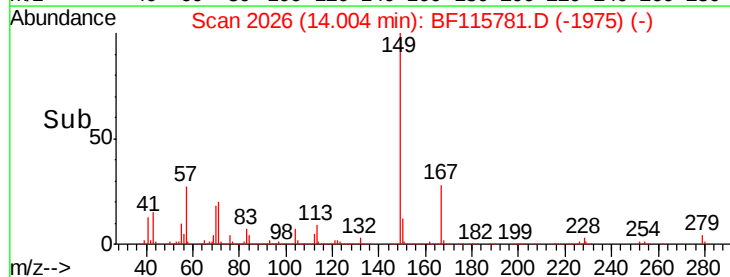
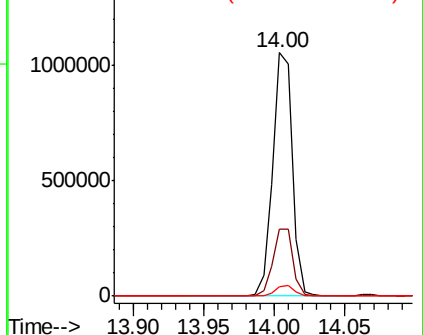
279 3.8 3.1 4.7

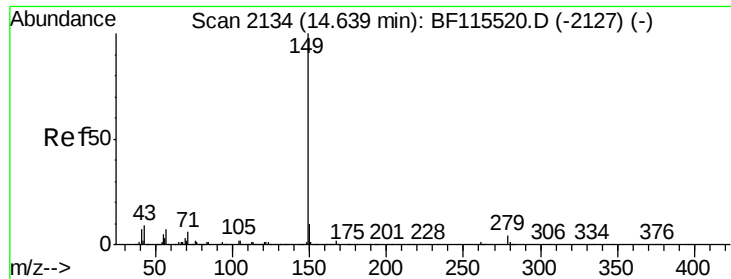


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.830 ng

RT: 14.62 min Scan# 2131

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Instrument :

BNA_F

ClientSampleId :

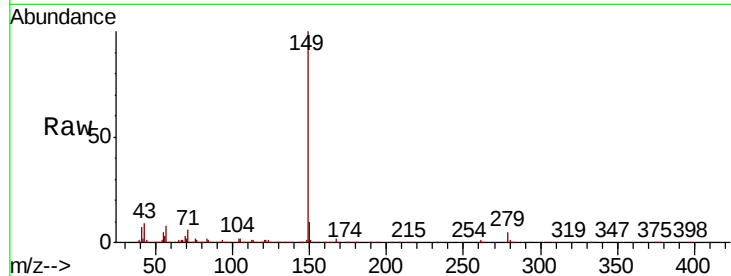
Tot Ion:149 Resp: 1579544

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

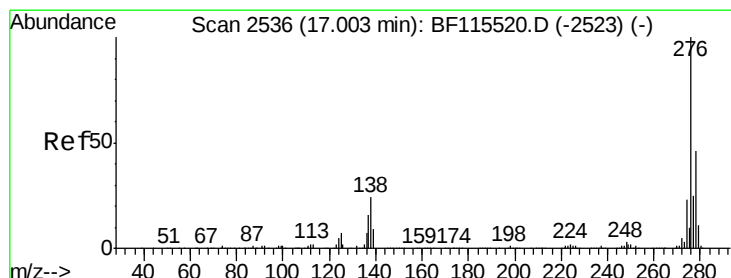
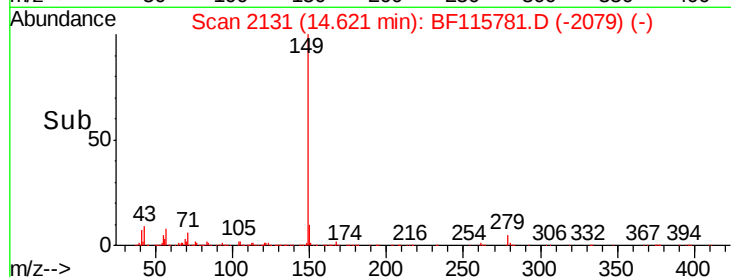
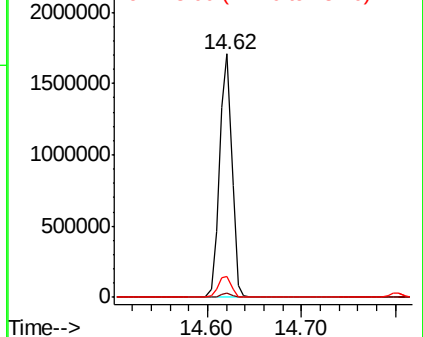
43 9.4 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.188 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

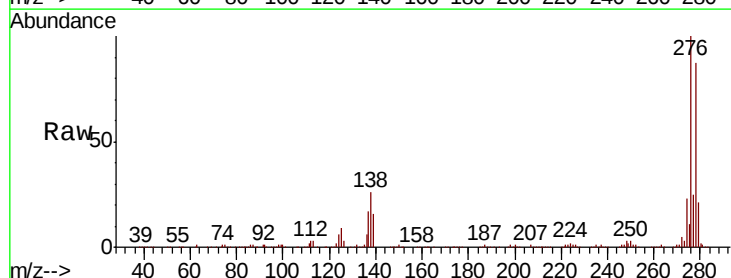
Tgt Ion:276 Resp: 1164090

Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

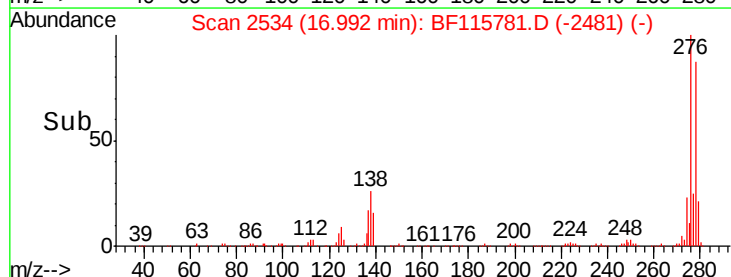
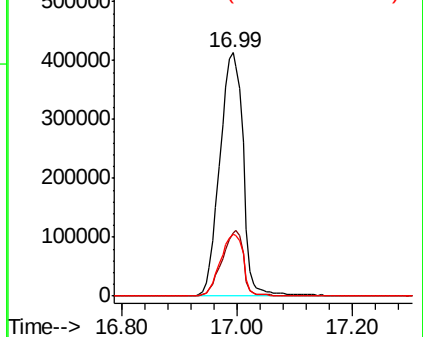
277 25.3 19.8 29.8

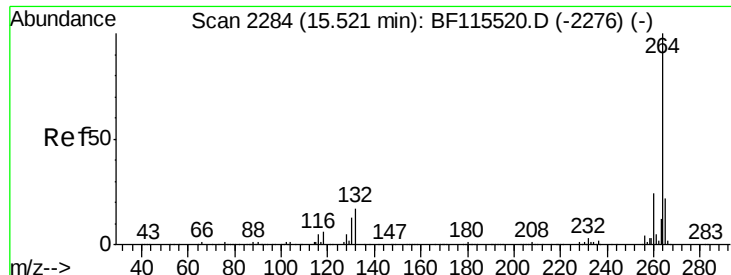


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



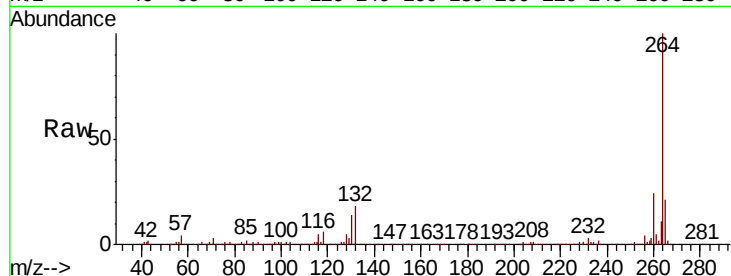


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

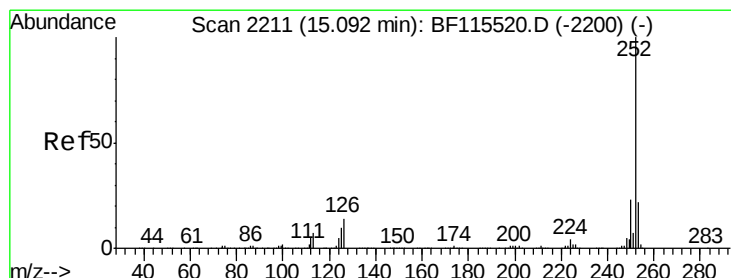
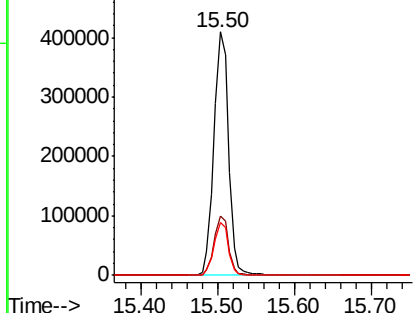
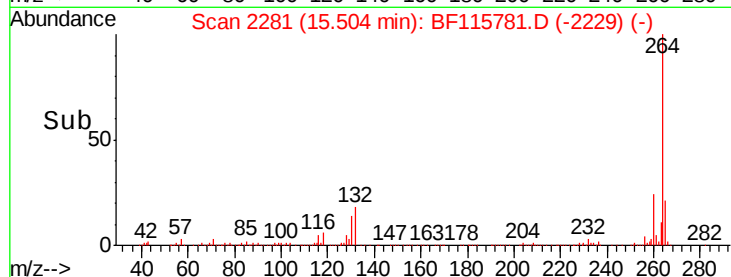
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 533641

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.5	17.5	26.3



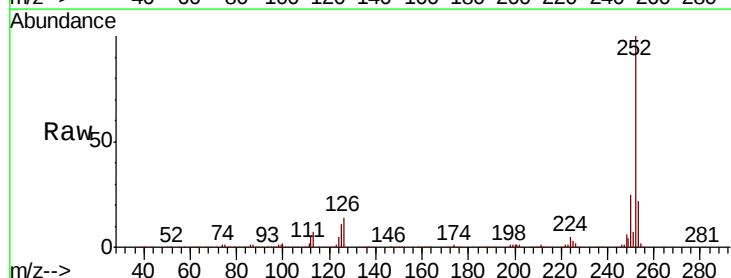
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



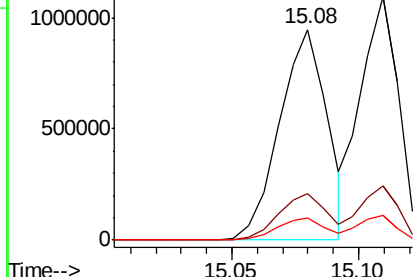
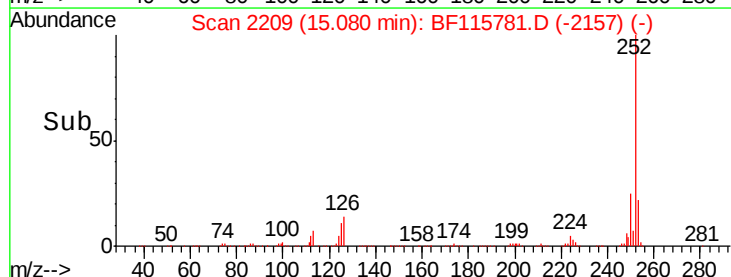
#88
Benzo(b)fluoranthene
Concen: 36.022 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

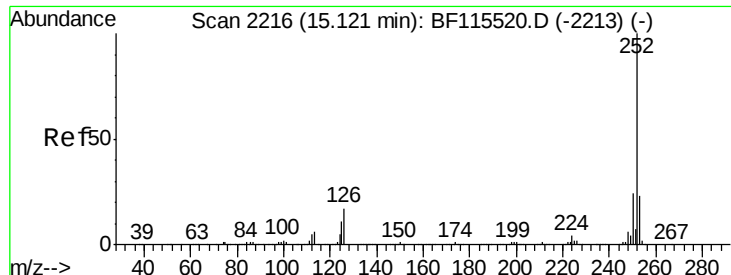
Tgt Ion:252 Resp: 1237800

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.7	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

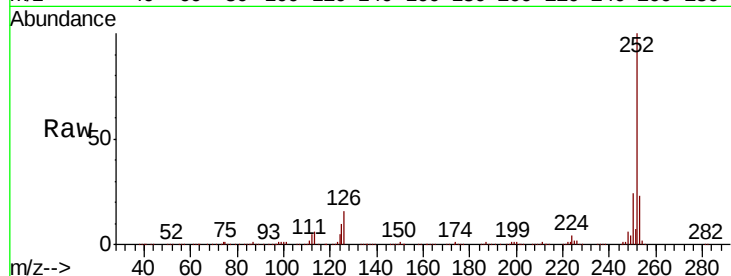




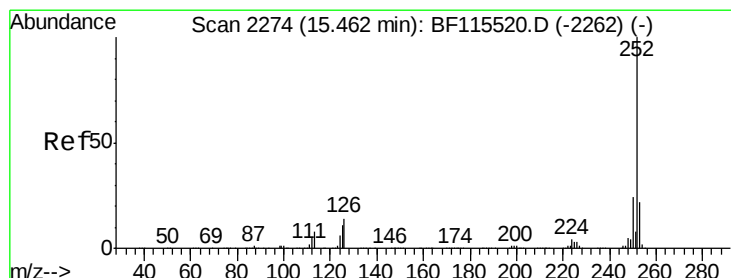
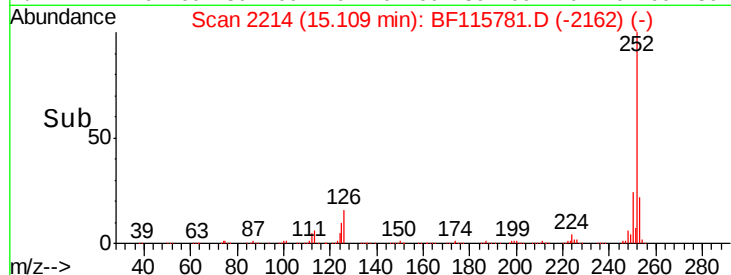
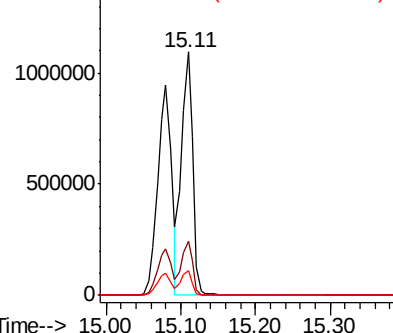
#89
Benzo(k)fluoranthene
Concen: 38.148 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1168683
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.4 8.6 13.0

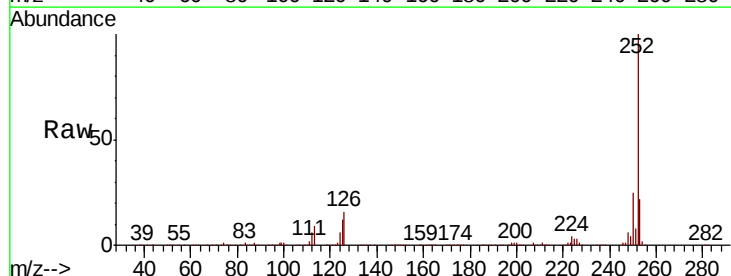


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

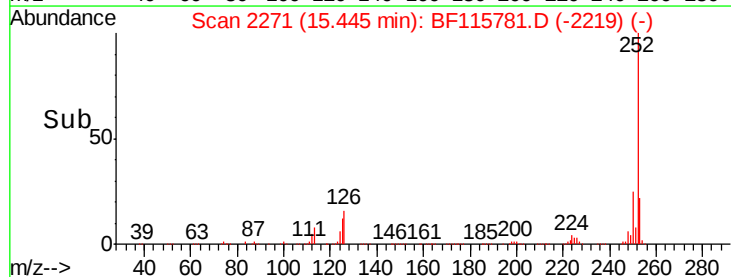
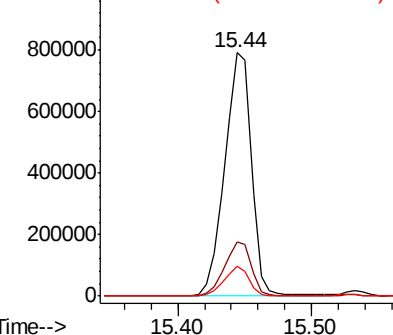


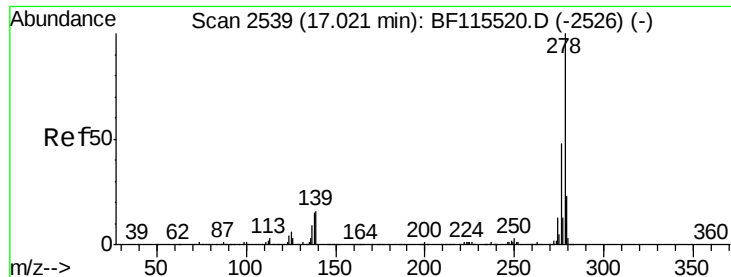
#90
Benzo(a)pyrene
Concen: 37.194 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115781.D
Acq: 26 Jul 2019 10:43

Tgt Ion:252 Resp: 1098485
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 12.0 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.954 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

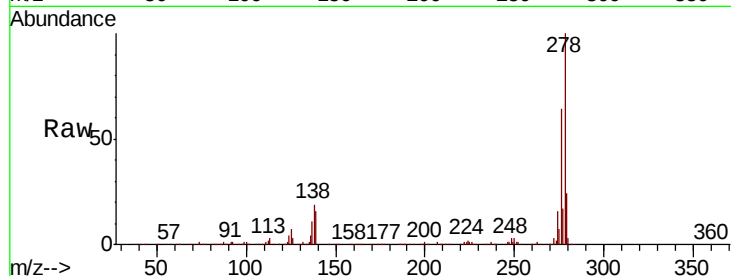
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 958129

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.6	20.4
279	24.4	19.6	29.4

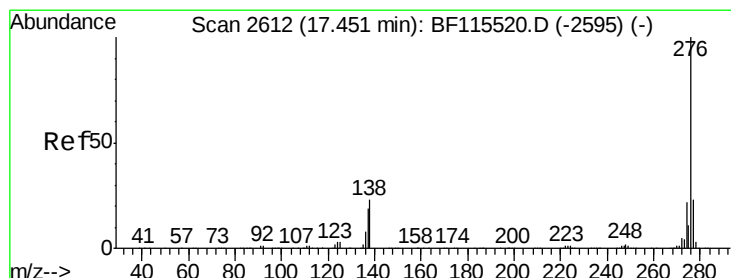
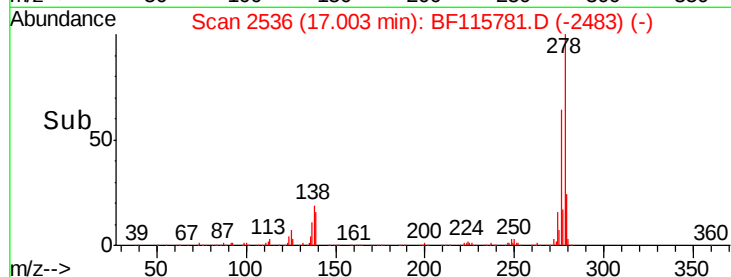
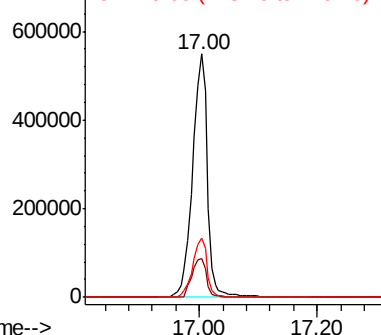


Abundance

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: 34.846 ng

RT: 17.43 min Scan# 2609

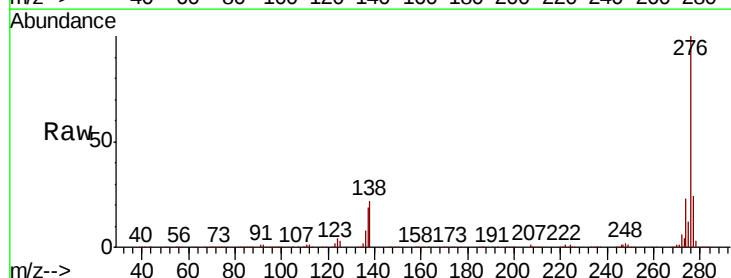
Delta R.T. 0.01 min

Lab File: BF115781.D

Acq: 26 Jul 2019 10:43

Tgt Ion:276 Resp: 901056

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	21.7	16.6	24.8



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

