

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115564.D
 Acq On : 15 Jul 2019 18:46
 Operator : HP/JU
 Sample : PB121220BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Quant Time: Jul 16 03:43:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	167456	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	658201	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	340433	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	660781	20.00	ng	0.00
76) Chrysene-d12	14.04	240	444127	20.00	ng	-0.01
87) Perylene-d12	15.50	264	426378	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1190929	116.33	ng	0.01
7) Phenol-d6	6.52	99	1511175	116.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	967964	85.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	495451	124.68	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1844251	94.82	ng	-0.01
79) Terphenyl-d14	12.99	244	1959301	81.40	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	188875	36.986	ng	99
3) Pyridine	3.53	79	504971	36.447	ng	99
4) n-Nitrosodimethylamine	3.48	42	192317	38.263	ng	97
6) Aniline	6.55	93	573146	31.705	ng	98
8) 2-Chlorophenol	6.67	128	483090	41.043	ng	99
9) Benzaldehyde	6.43	77	347984	42.867	ng	99
10) Phenol	6.53	94	614645	40.759	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	454134	39.555	ng	100
12) 1,3-Dichlorobenzene	6.82	146	517548	39.109	ng	98
13) 1,4-Dichlorobenzene	6.90	146	528956	40.061	ng	97
14) 1,2-Dichlorobenzene	7.05	146	497622	41.228	ng	98
15) Benzyl Alcohol	7.02	79	435801	42.291	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	600710	39.742	ng	98
17) 2-Methylphenol	7.13	107	422762	41.678	ng	98
18) Hexachloroethane	7.40	117	193060	39.393	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	335517	39.603	ng	97
20) 3+4-Methylphenols	7.28	107	499341	41.444	ng	94
22) Acetophenone	7.29	105	661812	44.507	ng	# 98
24) Nitrobenzene	7.46	77	532120	43.583	ng	96
25) Isophorone	7.70	82	976145	43.095	ng	98
26) 2-Nitrophenol	7.77	139	280313	44.605	ng	99
27) 2,4-Dimethylphenol	7.81	122	471388	50.133	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	589704	42.438	ng	99
29) 2,4-Dichlorophenol	8.02	162	427432	43.709	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	468597	42.392	ng	98
31) Naphthalene	8.19	128	1412383	44.308	ng	97
32) Benzoic acid	7.93	122	321257	41.632	ng	99
33) 4-Chloroaniline	8.23	127	384946	27.263	ng	98
34) Hexachlorobutadiene	8.31	225	264197	41.679	ng	99
35) Caprolactam	8.60	113	141116m	46.699	ng	
36) 4-Chloro-3-methylphenol	8.71	107	459945	45.343	ng	99
37) 2-Methylnaphthalene	8.88	142	977246	46.249	ng	96
38) 1-Methylnaphthalene	8.97	142	909930	45.337	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	435939	42.524	ng	97

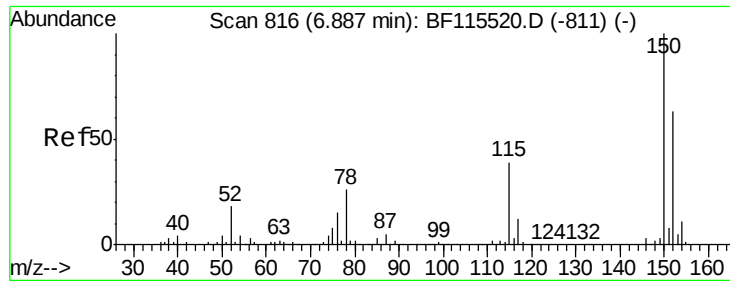
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	455998	77.976	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	325216	43.380	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	329950	42.975	nq	99
46) 1,1'-Biphenyl	9.34	154	1180526	44.356	nq	98
47) 2-Chloronaphthalene	9.37	162	942165	42.515	nq	96
48) 2-Nitroaniline	9.46	65	281341	41.017	nq	98
49) Acenaphthylene	9.78	152	1429811	43.543	nq	98
50) Dimethylphthalate	9.64	163	1095636	42.776	nq	99
51) 2,6-Dinitrotoluene	9.70	165	257724	44.277	nq	97
52) Acenaphthene	9.96	154	1003902	47.354	nq	99
53) 3-Nitroaniline	9.86	138	183713	27.619	nq	99
54) 2,4-Dinitrophenol	9.97	184	262603	87.872	nq	97
55) Dibenzofuran	10.13	168	1296386	43.060	nq	99
56) 4-Nitrophenol	10.03	139	461476	90.980	nq	99
57) 2,4-Dinitrotoluene	10.10	165	337107	44.703	nq	94
58) Fluorene	10.47	166	946240	43.965	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	290279	45.228	nq	98
60) Diethylphthalate	10.34	149	1055102	43.966	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	492353	41.251	nq	96
62) 4-Nitroaniline	10.49	138	268383	42.064	nq	97
63) Azobenzene	10.62	77	1030604	44.275	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	180539	44.719	nq	85
66) n-Nitrosodiphenylamine	10.57	169	889821	43.291	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	314568	41.658	nq	94
68) Hexachlorobenzene	11.02	284	359326	41.669	nq	99
69) Atrazine	11.10	200	285987	42.412	nq	99
70) Pentachlorophenol	11.21	266	430118	81.550	nq	99
71) Phenanthrene	11.43	178	1452367	42.879	nq	98
72) Anthracene	11.48	178	1488278	42.517	nq	99
73) Carbazole	11.63	167	1325192	43.171	nq	98
74) Di-n-butylphthalate	11.96	149	1577604	41.724	nq	99
75) Fluoranthene	12.62	202	1513877	42.296	nq	98
77) Benzidine	12.73	184	836123	53.144	nq	100
78) Pyrene	12.84	202	1530600	40.677	nq	98
80) Butylbenzylphthalate	13.46	149	660088	41.151	nq	96
81) Benzo(a)anthracene	14.03	228	1201471	41.063	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	347059	33.366	nq	99
83) Chrysene	14.07	228	1249458	42.539	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	824550	41.499	nq	100
85) Di-n-octyl phthalate	14.63	149	1421601	44.968	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1062777	42.589	nq	100
88) Benzo(b)fluoranthene	15.08	252	1162297	42.334	nq	99
89) Benzo(k)fluoranthene	15.11	252	1107009	45.225	nq	98
90) Benzo(a)pyrene	15.44	252	1057284	44.805	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	887566	42.844	nq	100
92) Benzo(g,h,i)perylene	17.42	276	800699	38.754	nq	100

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

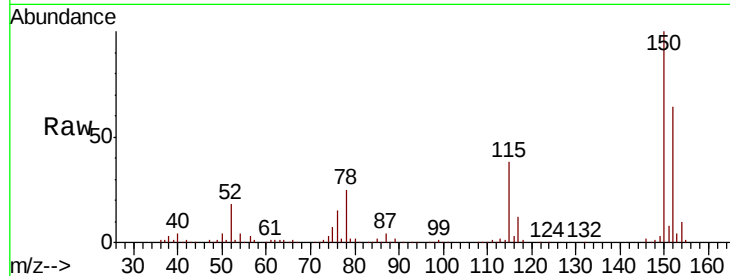


#1

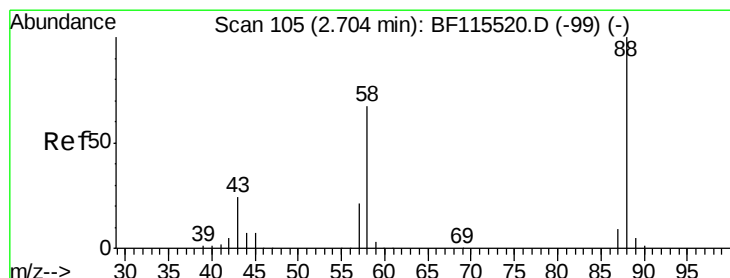
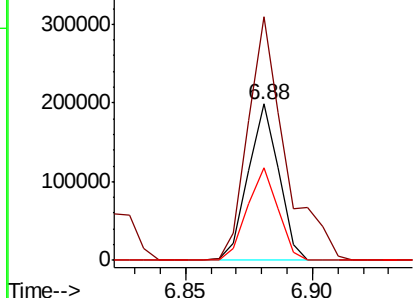
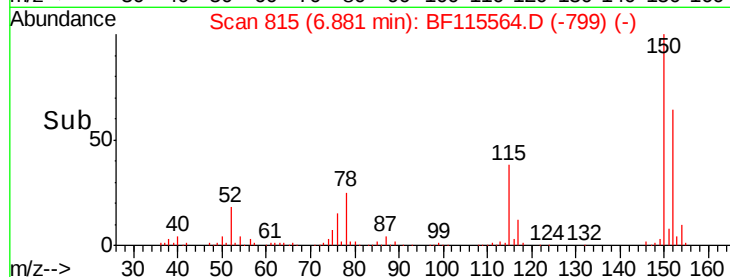
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion:152 Resp: 167456
 Ion Ratio Lower Upper
 152 100
 150 155.9 129.7 194.5
 115 59.4 48.2 72.4



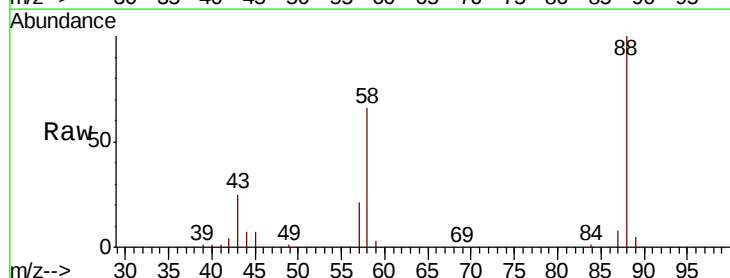
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



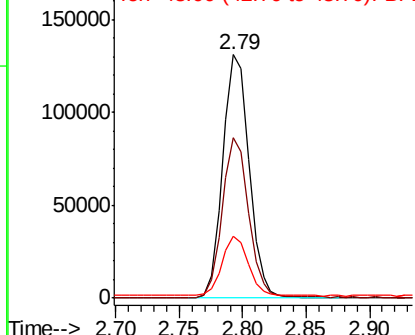
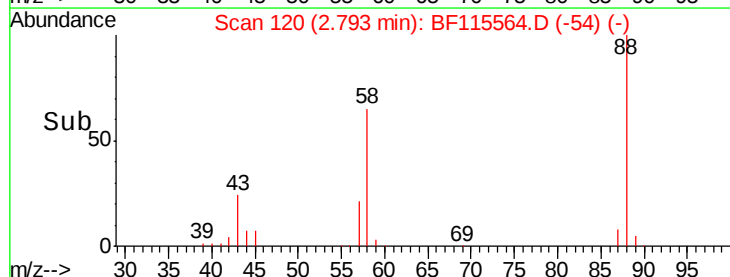
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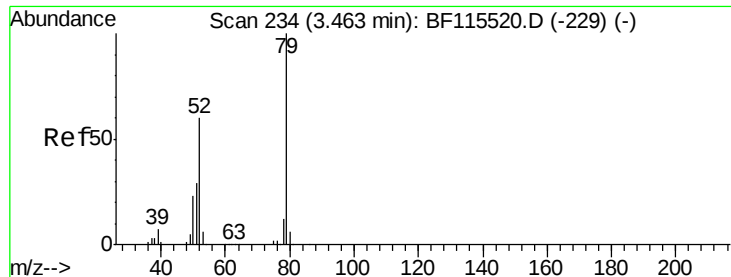
1,4-Dioxane
 Concen: 36.986 ng
 RT: 2.79 min Scan# 120
 Delta R.T. 0.09 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion: 88 Resp: 188875
 Ion Ratio Lower Upper
 88 100
 58 65.3 52.6 79.0
 43 25.2 19.1 28.7



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: 36.447 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

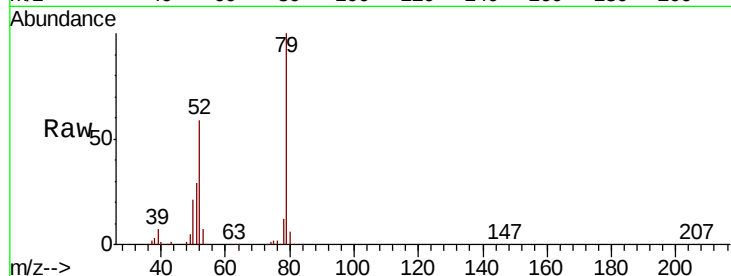
Tot Ion: 79 Resp: 504971

Ion Ratio Lower Upper

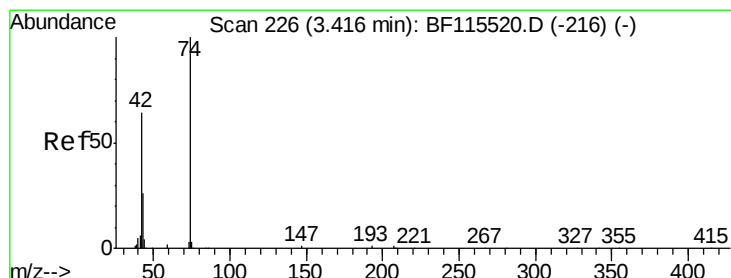
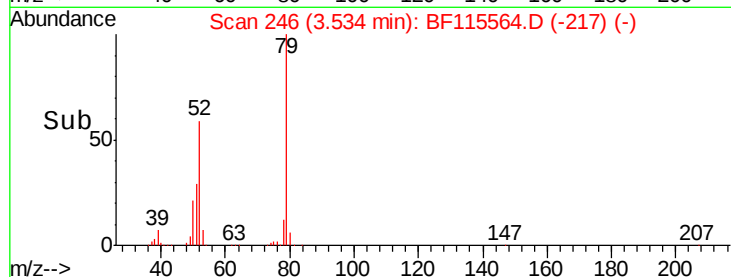
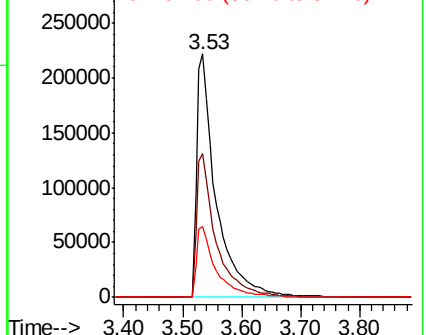
79 100

52 59.1 47.8 71.6

51 28.9 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 38.263 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

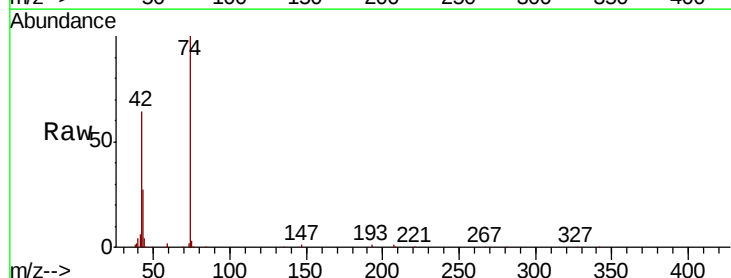
Tgt Ion: 42 Resp: 192317

Ion Ratio Lower Upper

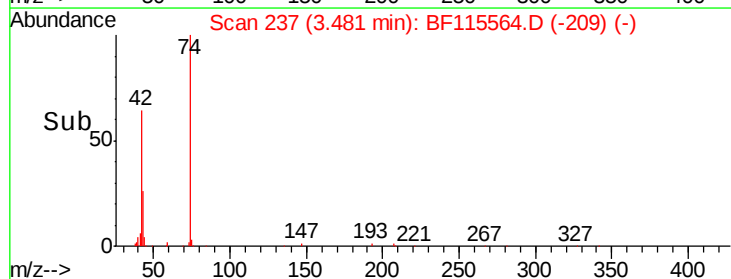
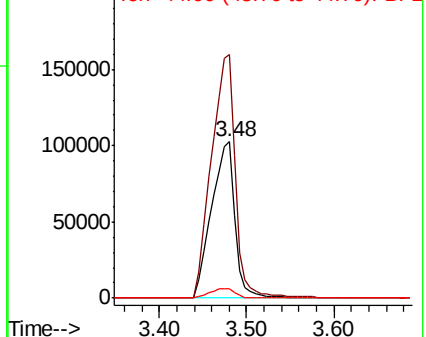
42 100

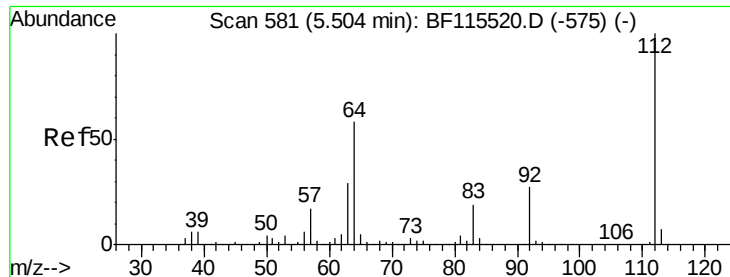
74 155.8 127.5 191.3

44 6.3 5.0 7.6



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





#5

2-Fluorophenol

Concen: 116.330 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

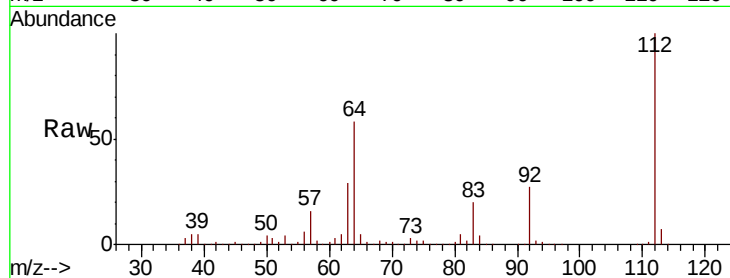
Tot Ion:112 Resp: 1190929

Ion Ratio Lower Upper

112 100

64 57.8 46.8 70.2

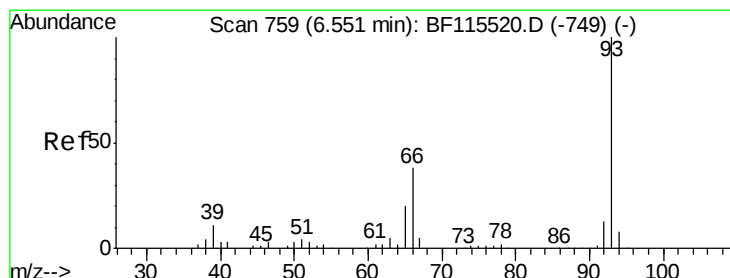
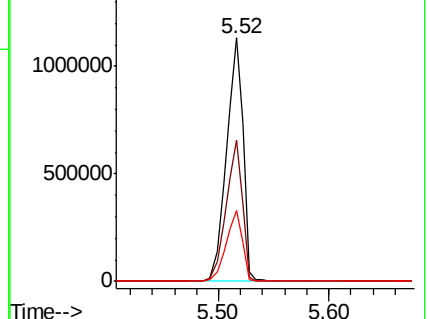
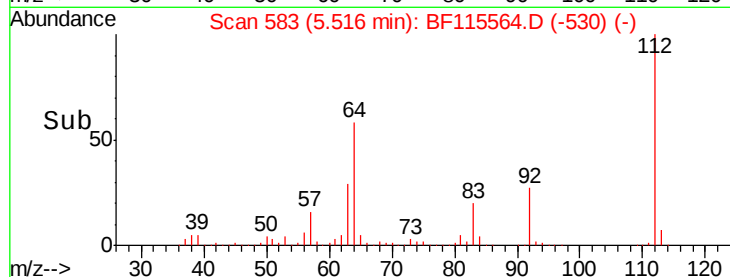
63 29.0 24.1 36.1



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: 31.705 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

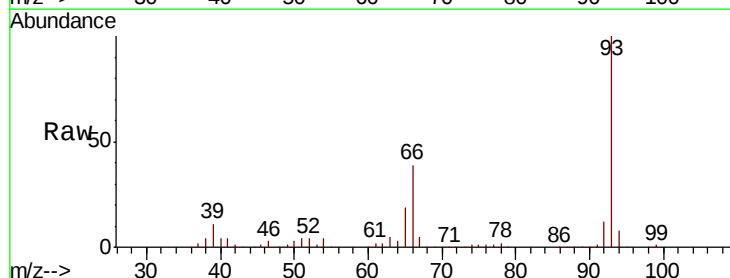
Tgt Ion: 93 Resp: 573146

Ion Ratio Lower Upper

93 100

66 38.5 31.7 47.5

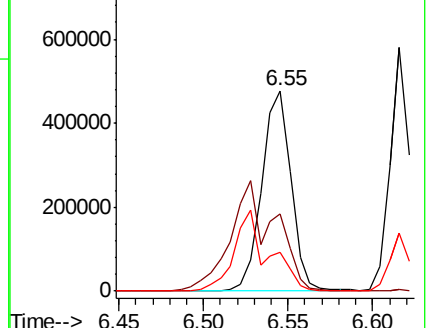
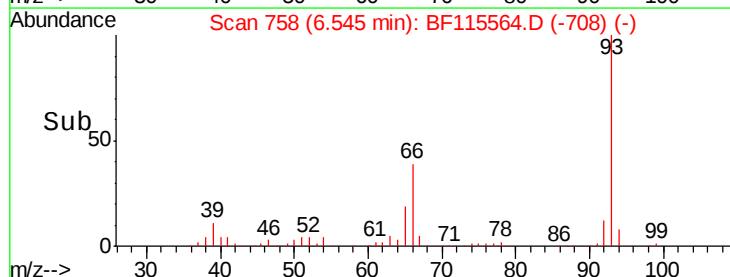
65 19.1 16.2 24.2

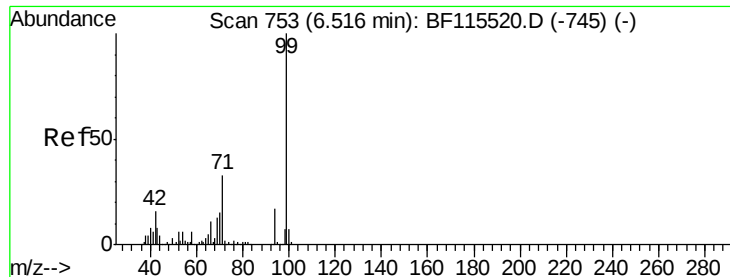


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.332 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

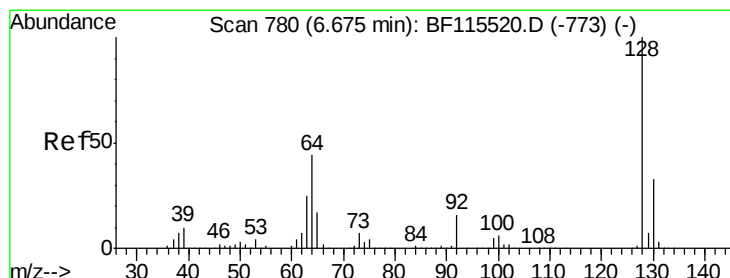
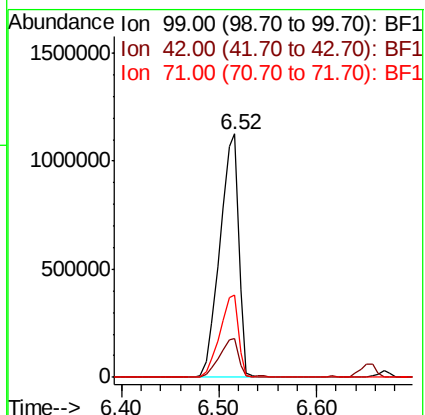
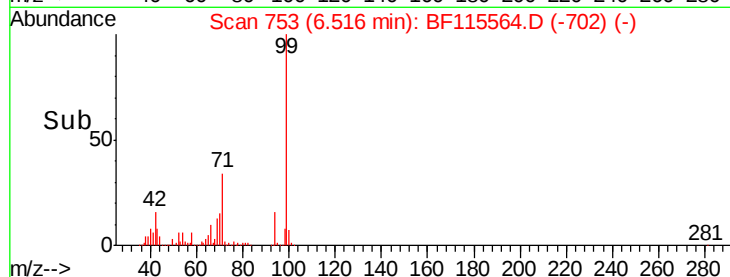
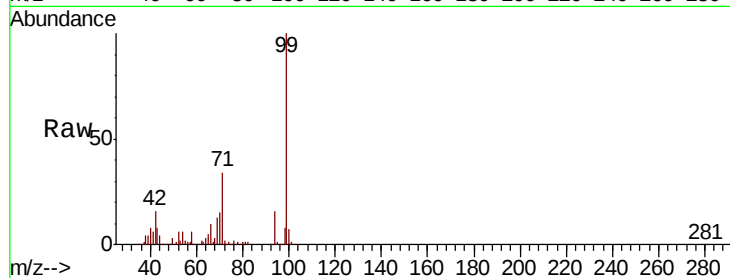
BNA_F

ClientSampleId :

PB121220BS

Tot Ion: 99 Resp: 1511175

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.6	20.4
71	33.9	28.5	42.7



#8

2-Chlorophenol

Concen: 41.043 ng

RT: 6.67 min Scan# 779

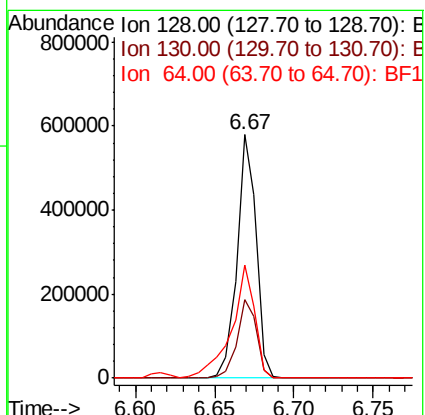
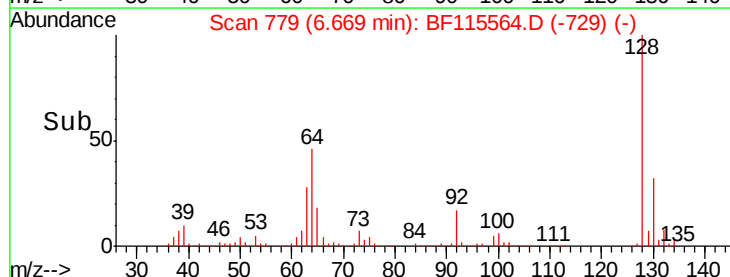
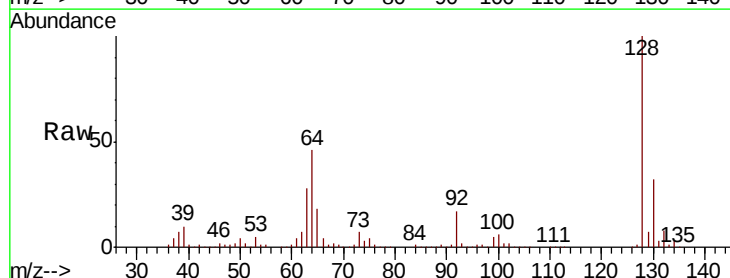
Delta R.T. -0.01 min

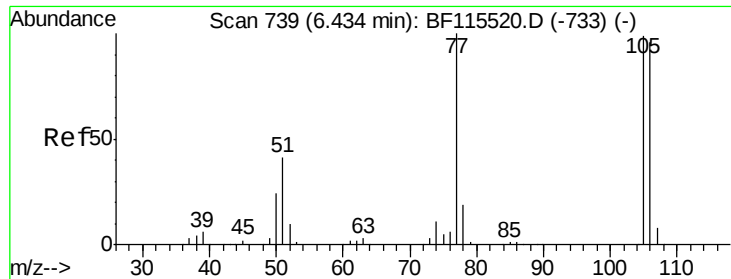
Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Tgt Ion: 128 Resp: 483090

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	46.2	26.8	66.8





#9

Benzaldehyde

Concen: 42.867 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

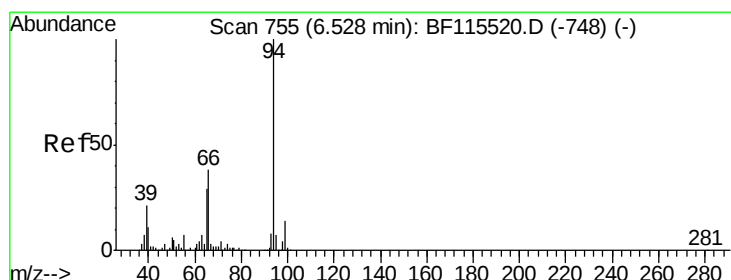
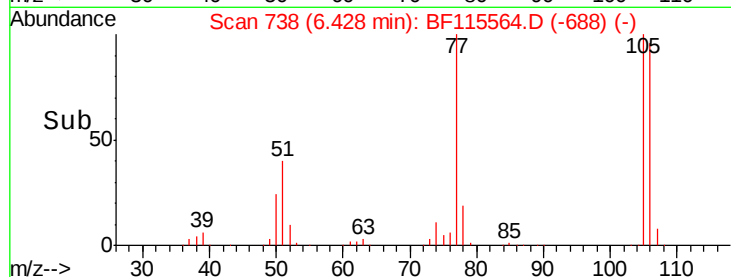
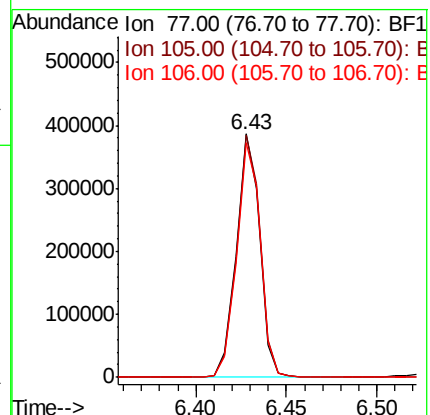
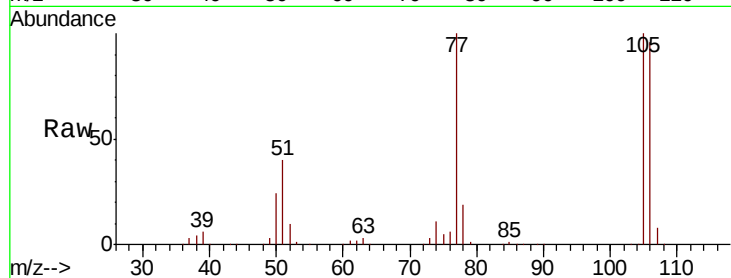
Tot Ion: 77 Resp: 347984

Ion Ratio Lower Upper

77 100

105 99.7 78.8 118.8

106 96.5 75.6 115.6



#10

Phenol

Concen: 40.759 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

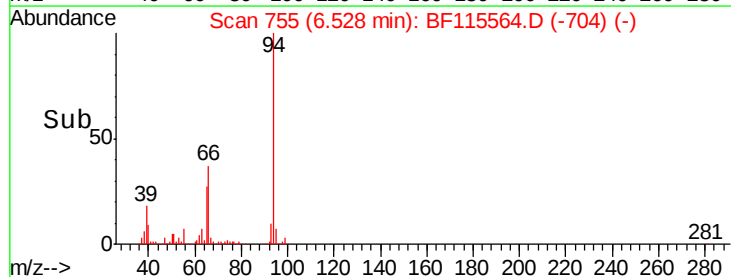
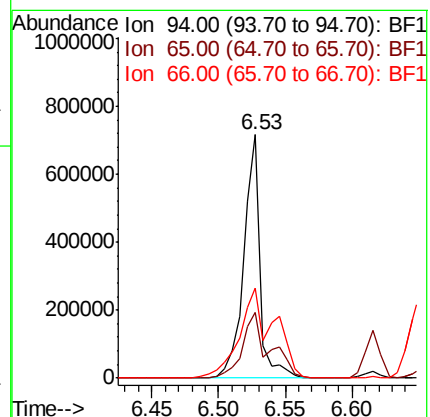
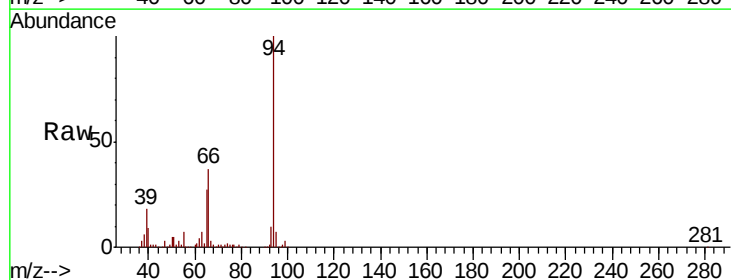
Tgt Ion: 94 Resp: 614645

Ion Ratio Lower Upper

94 100

65 26.9 14.5 54.5

66 36.9 31.3 71.3

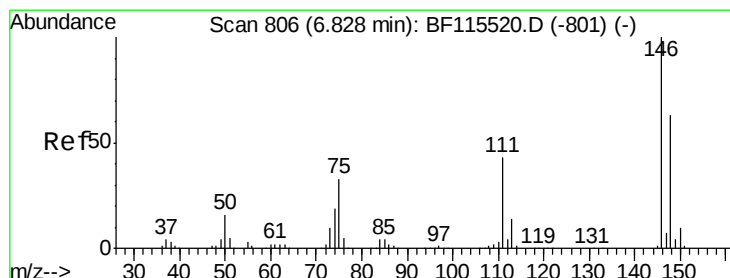
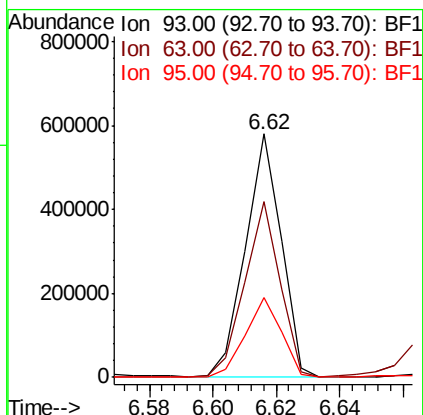
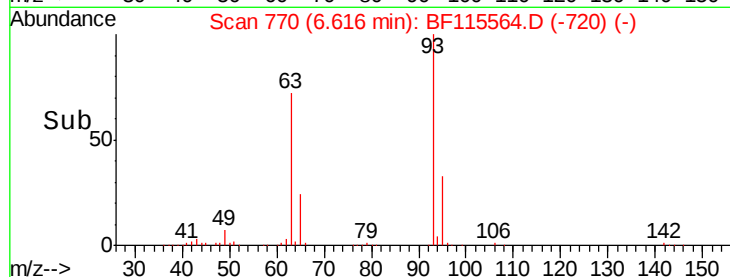
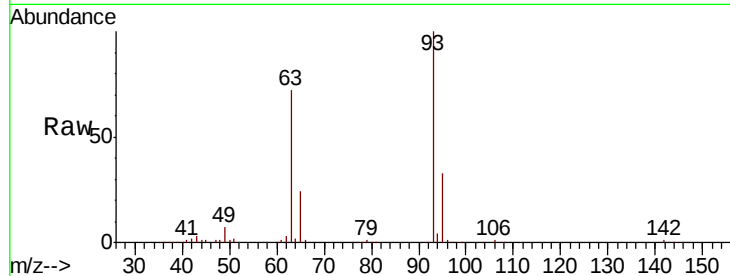




#11
bis(2-Chloroethyl)ether
Concen: 39.555 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

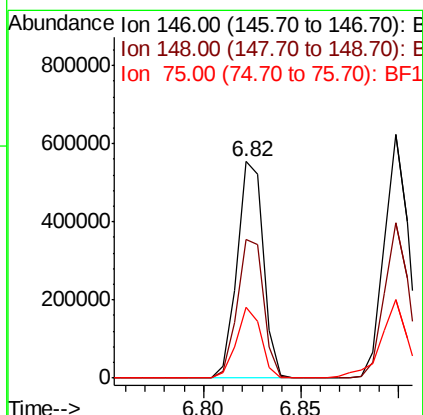
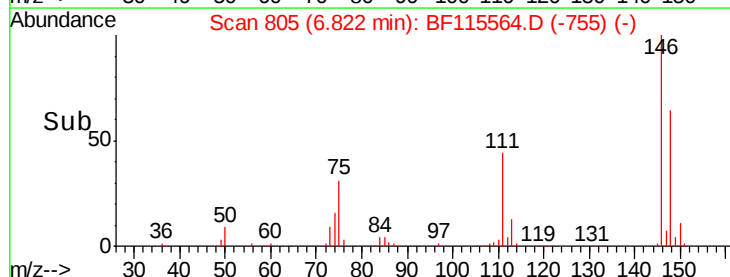
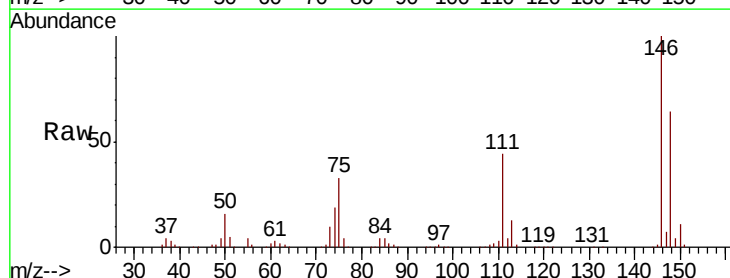
Instrument :
BNA_F
ClientSampleId :
PB121220BS

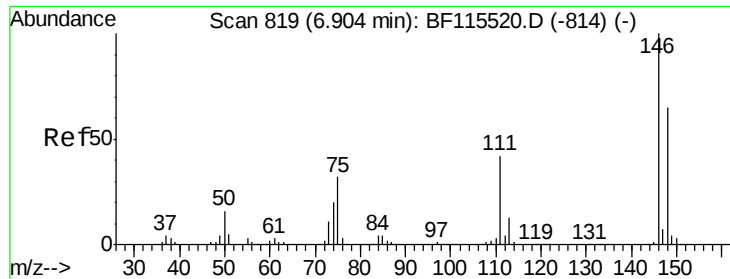
Tot Ion: 93 Resp: 454134
Ion Ratio Lower Upper
93 100
63 72.1 52.2 92.2
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.109 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion: 146 Resp: 517548
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
75 32.5 24.9 37.3

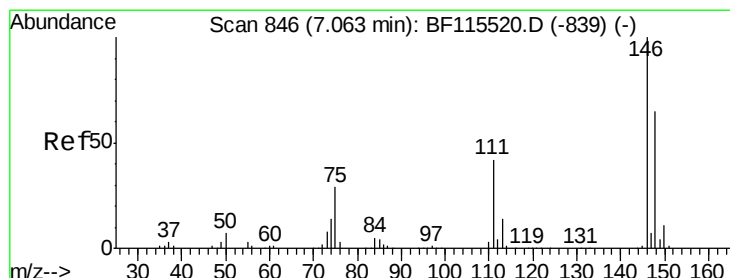
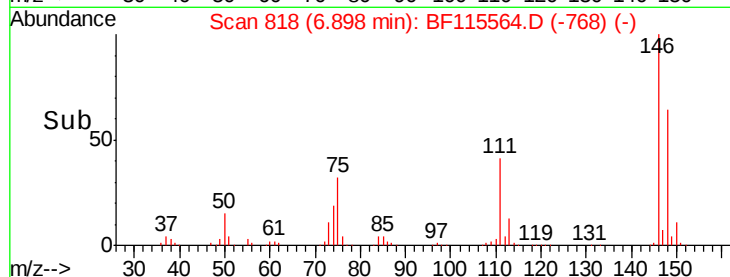
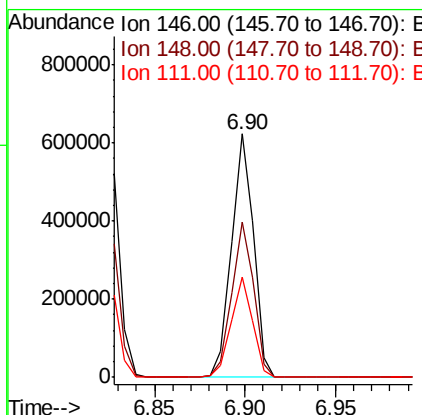
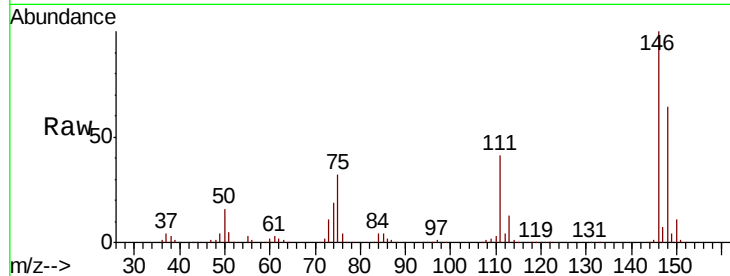




#13
 1,4-Dichlorobenzene
 Concen: 40.061 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

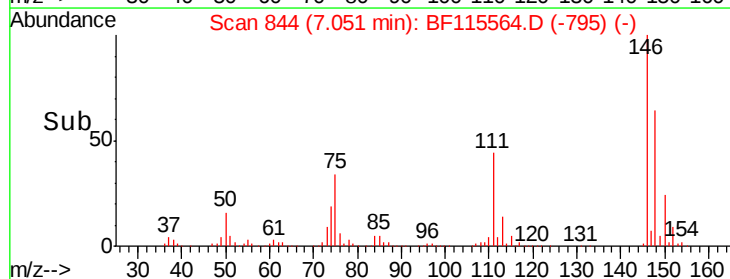
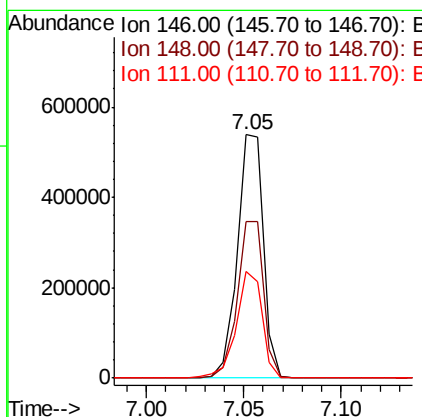
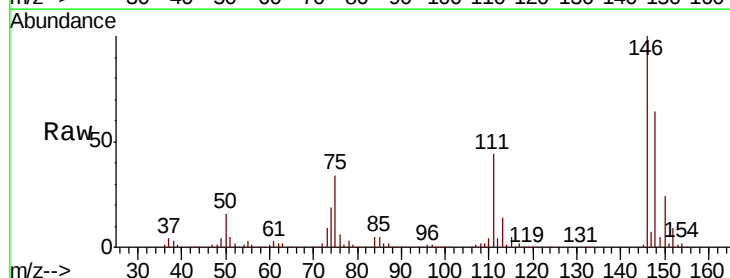
Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	41.2	35.5	53.3



#14
 1,2-Dichlorobenzene
 Concen: 41.228 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	43.6	37.6	56.4





#15

Benzyl Alcohol

Concen: 42.291 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

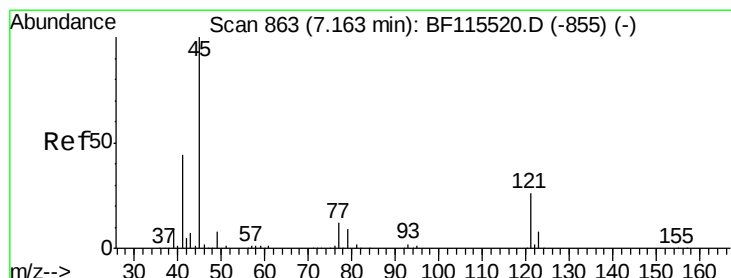
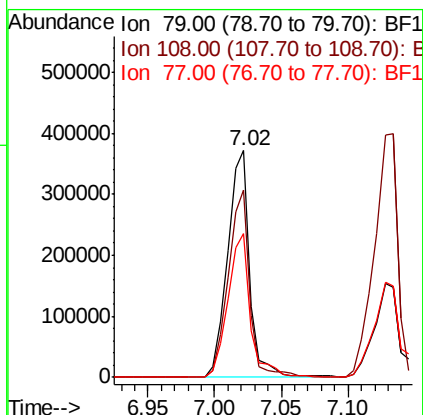
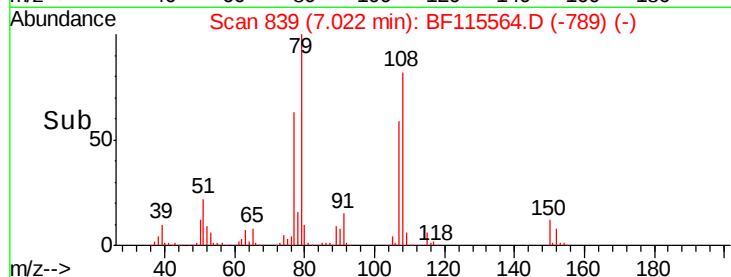
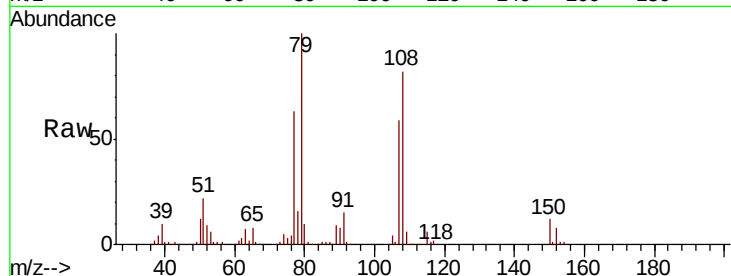
Tot Ion: 79 Resp: 435801

Ion Ratio Lower Upper

79 100

108 82.5 64.2 96.4

77 63.3 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.742 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

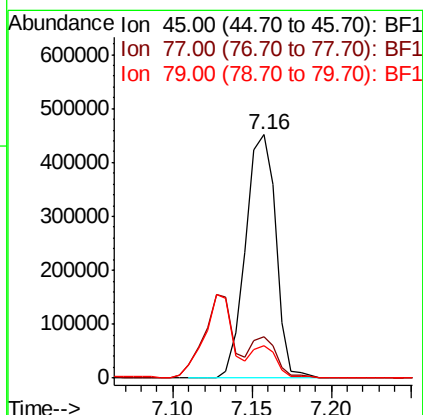
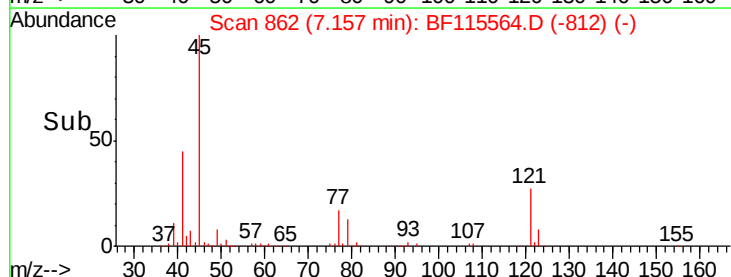
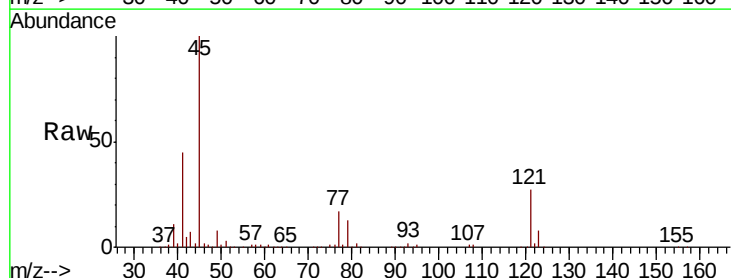
Tgt Ion: 45 Resp: 600710

Ion Ratio Lower Upper

45 100

77 17.0 0.0 38.1

79 13.2 0.0 34.1

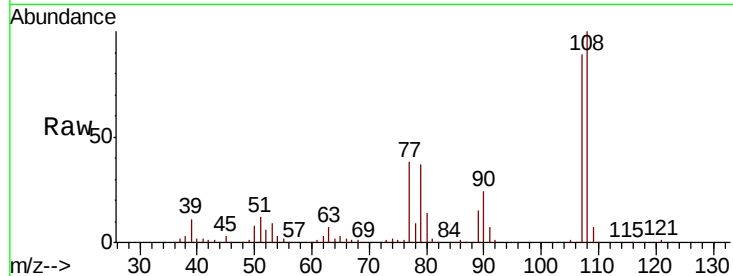




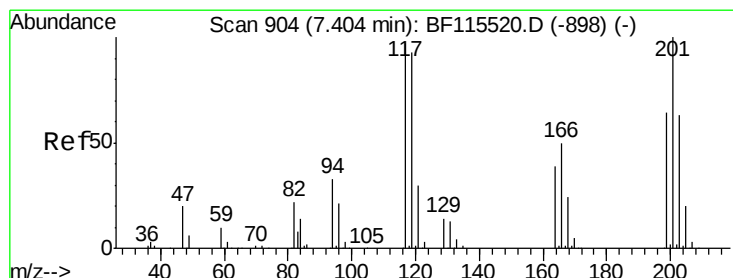
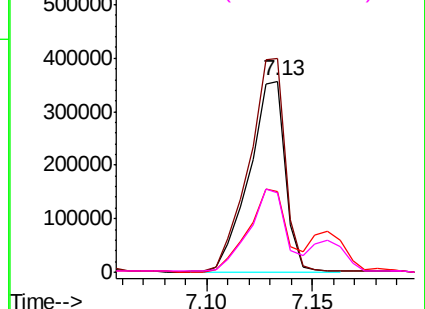
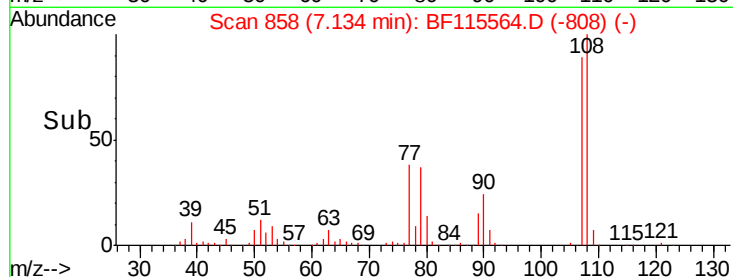
#17
2-Methylphenol
Concen: 41.678 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:107 Resp: 422762
Ion Ratio Lower Upper
107 100
108 111.9 89.4 134.2
77 42.0 35.7 53.5
79 41.6 35.0 52.4

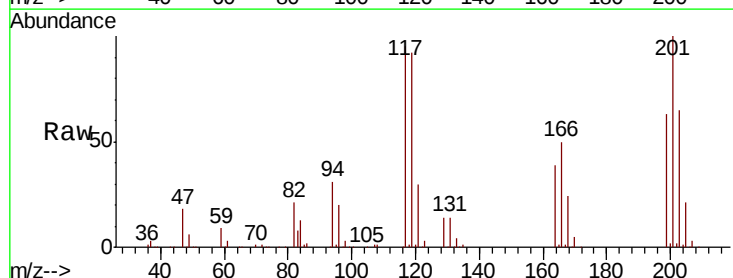


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

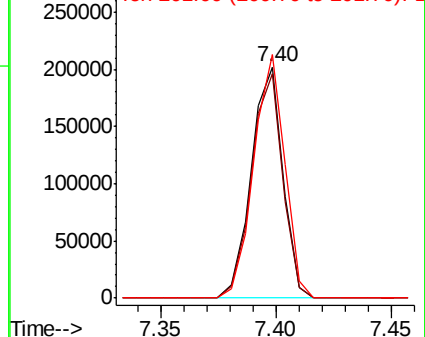
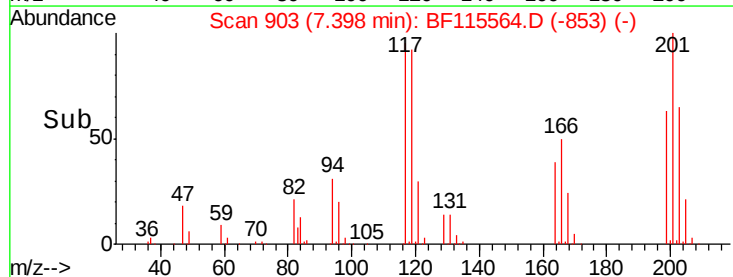


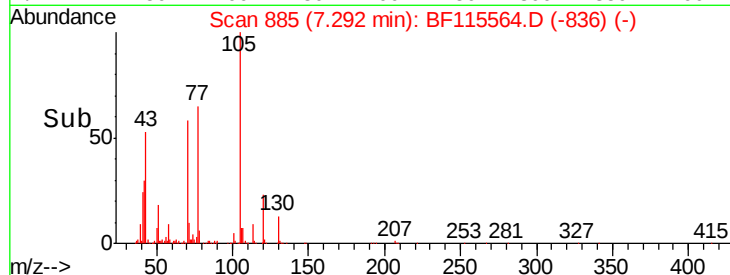
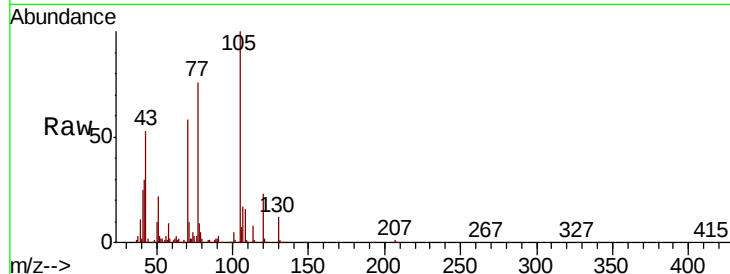
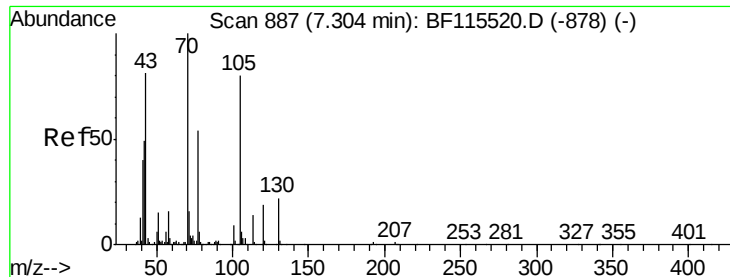
#18
Hexachloroethane
Concen: 39.393 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:117 Resp: 193060
Ion Ratio Lower Upper
117 100
119 97.0 77.7 116.5
201 105.4 86.0 129.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

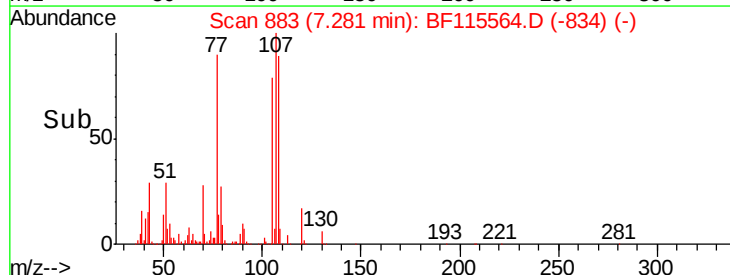
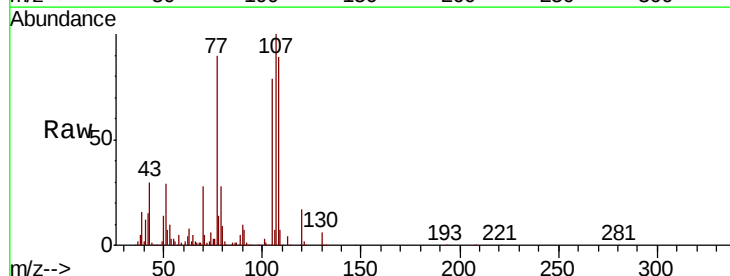
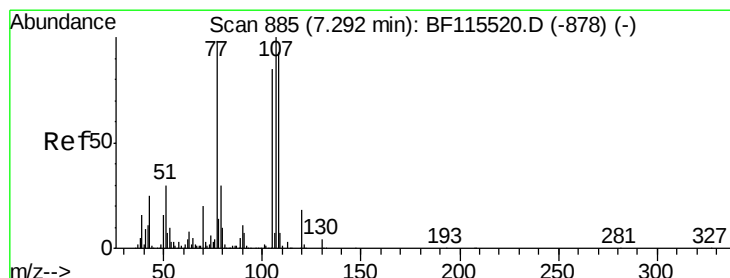
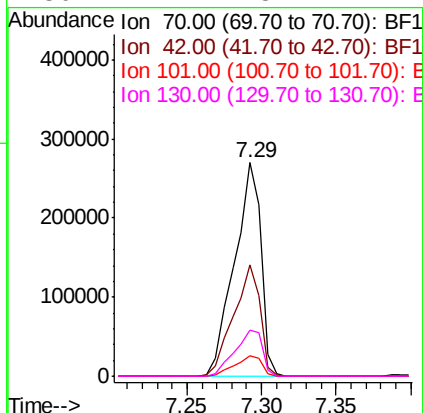




#19
n-Nitroso-di-n-propylamine
Concen: 39.603 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

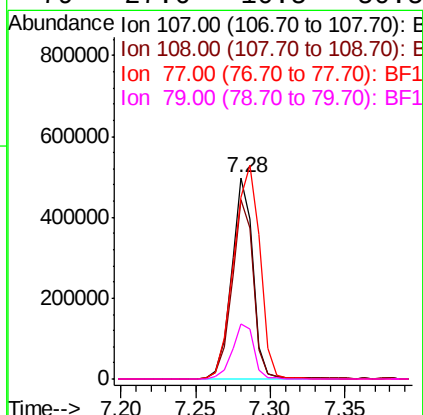
Instrument :
BNA_F
ClientSampleId :
PB121220BS

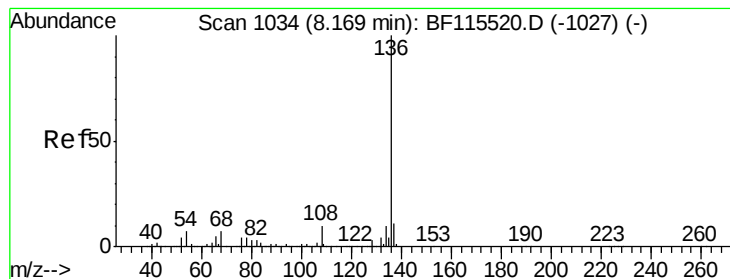
Tot Ion:	70	Resp:	335517
Ion	Ratio	Lower	Upper
70	100		
42	51.9	39.6	59.4
101	9.4	8.1	12.1
130	21.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.444 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:	107	Resp:	499341
Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.9	112.9
77	90.1	77.6	117.6
79	27.6	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

Tot Ion:136 Resp: 658201

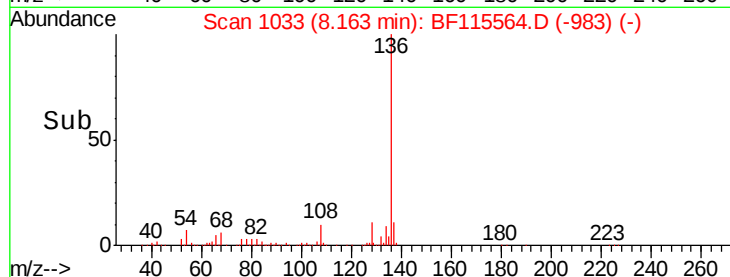
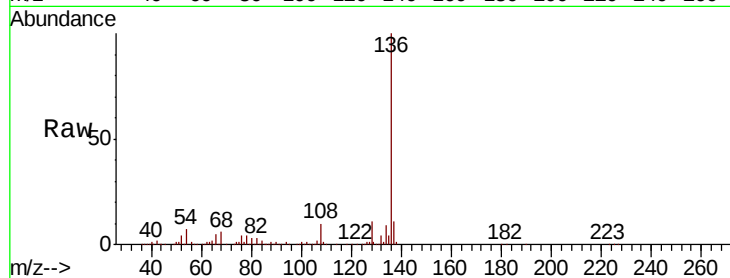
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 5.6 8.4

68 6.0 5.0 7.6

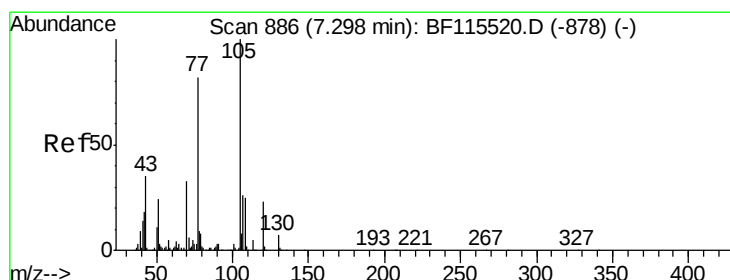
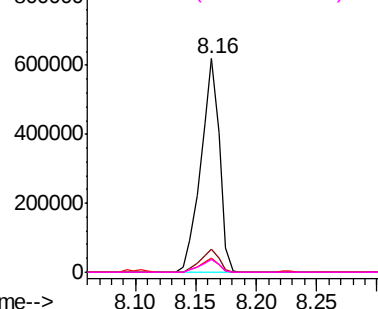


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.507 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Tgt Ion:105 Resp: 661812

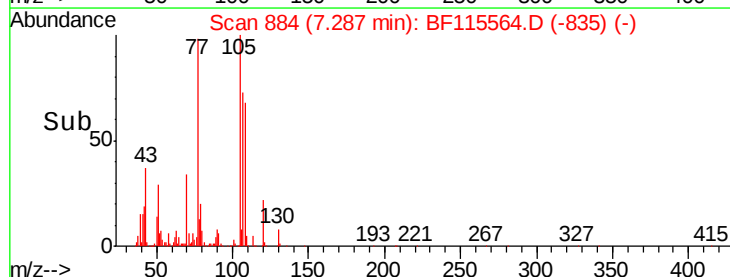
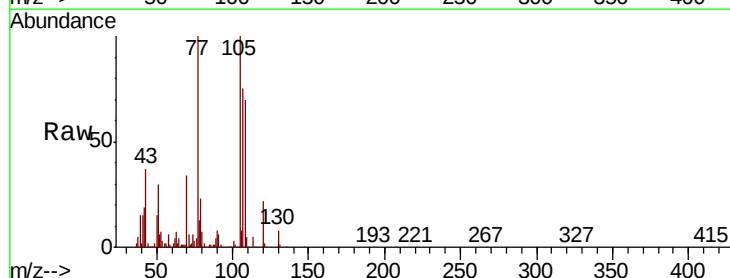
Ion Ratio Lower Upper

105 100

71 5.7 3.5 5.3#

51 30.3 25.6 38.4

120 22.3 17.9 26.9

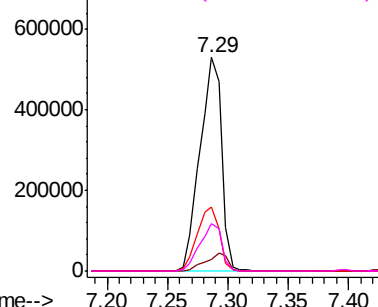


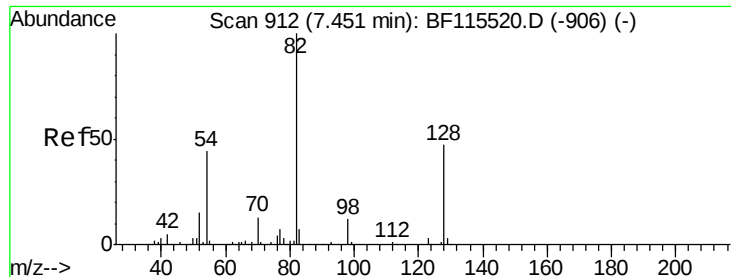
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

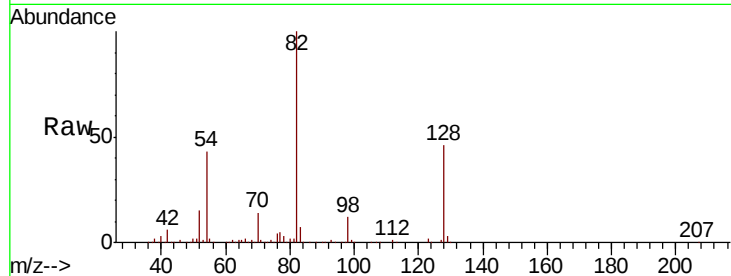




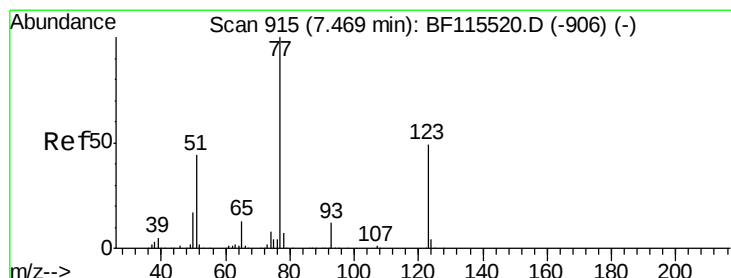
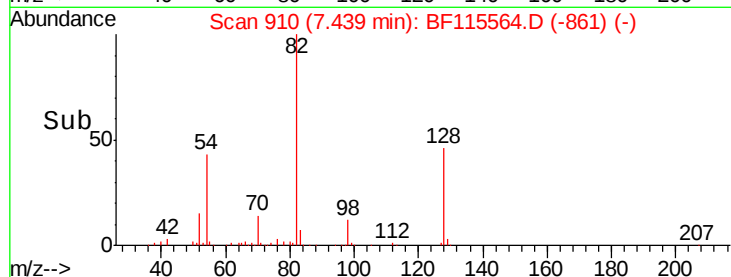
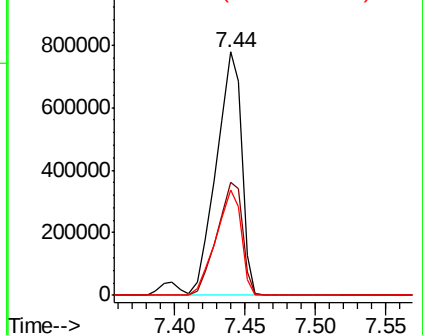
#23
 Nitrobenzene-d5
 Concen: 85.512 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion: 82 Resp: 967964
 Ion Ratio Lower Upper
 82 100
 128 46.2 38.6 57.8
 54 43.4 35.6 53.4

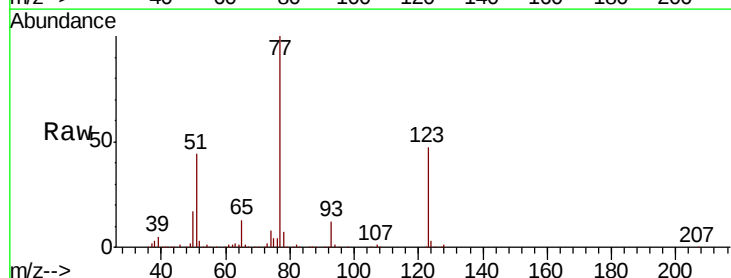


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

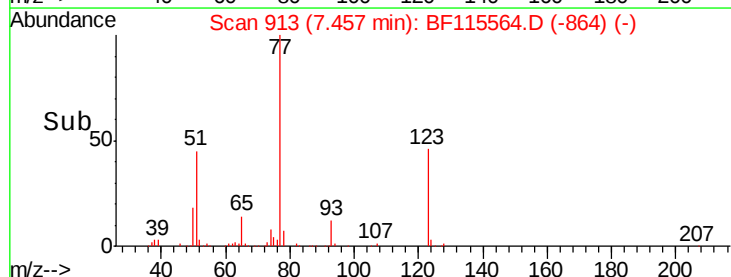
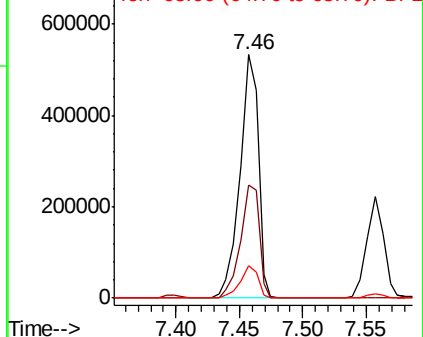


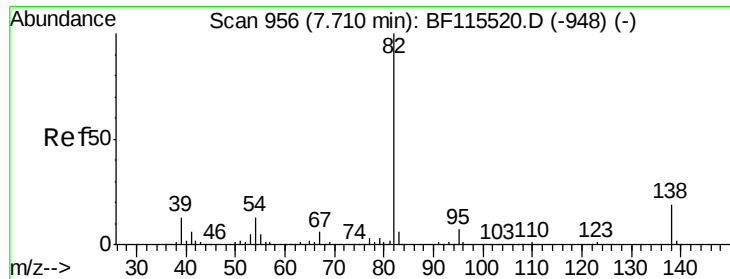
#24
 Nitrobenzene
 Concen: 43.583 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion: 77 Resp: 532120
 Ion Ratio Lower Upper
 77 100
 123 46.6 40.0 60.0
 65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 43.095 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

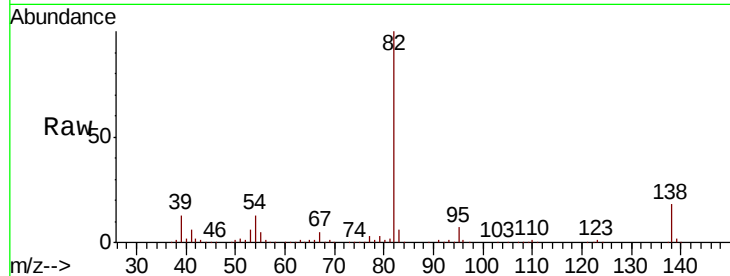
Tot Ion: 82 Resp: 976145

Ion Ratio Lower Upper

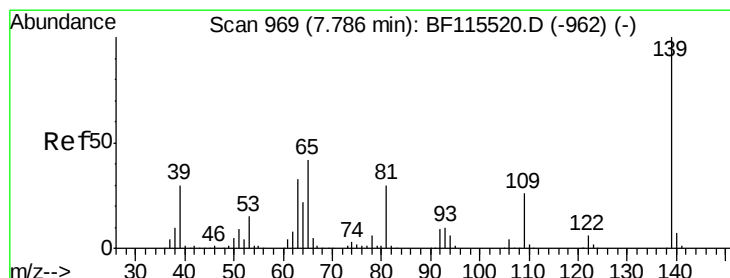
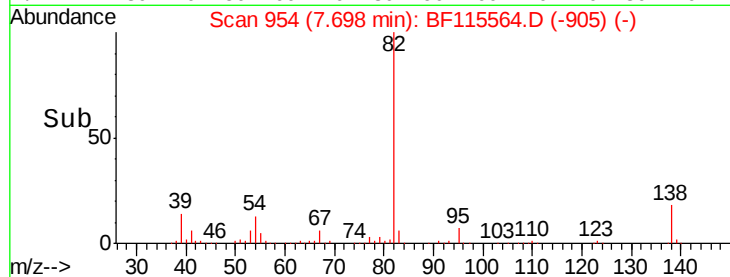
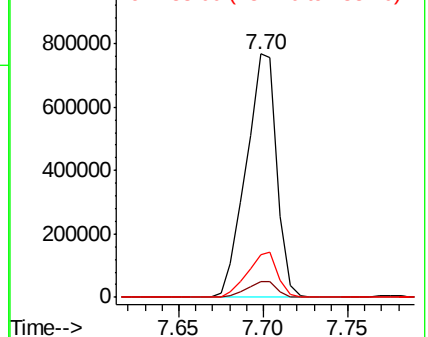
82 100

95 6.6 5.5 8.3

138 17.6 14.9 22.3



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: 44.605 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

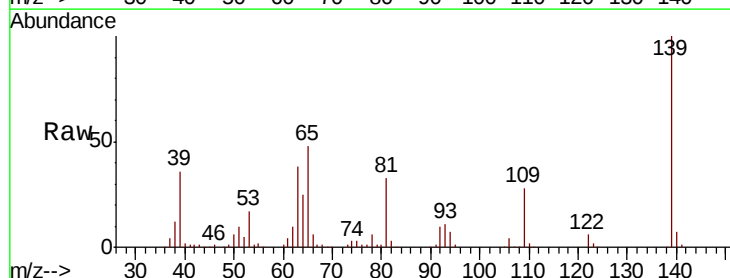
Tgt Ion: 139 Resp: 280313

Ion Ratio Lower Upper

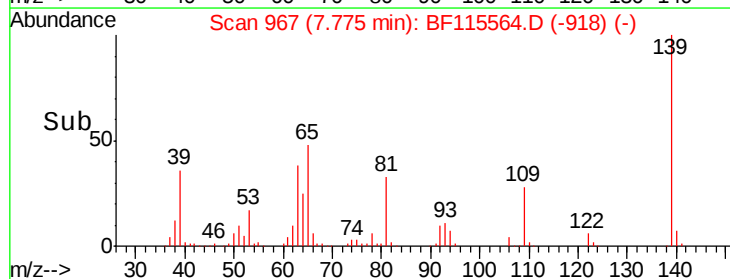
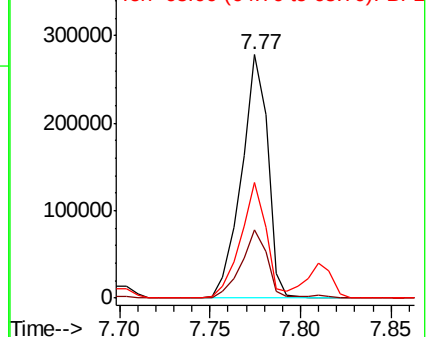
139 100

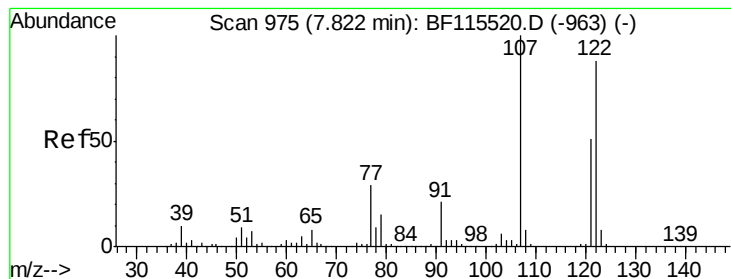
109 27.9 23.3 34.9

65 47.6 37.9 56.9



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: 50.133 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

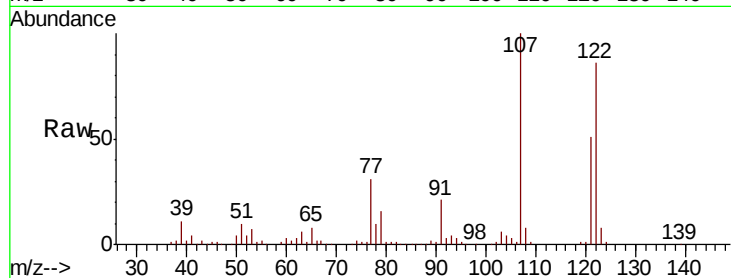
Tot Ion:122 Resp: 471388

Ion Ratio Lower Upper

122 100

107 116.4 92.9 139.3

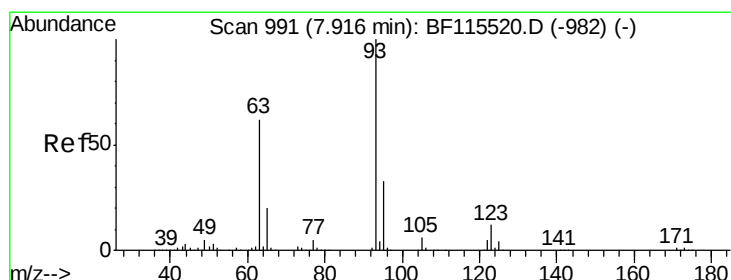
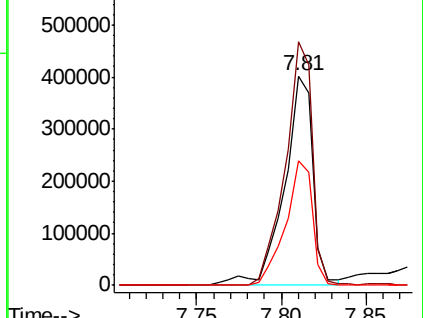
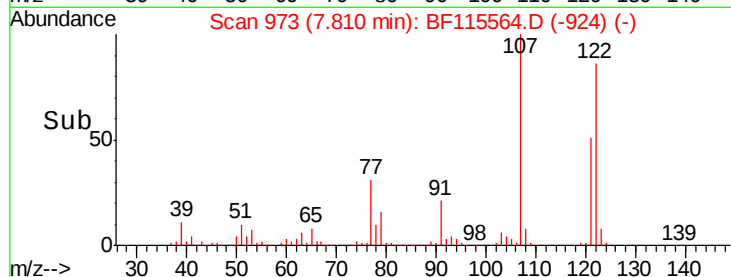
121 59.4 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.438 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

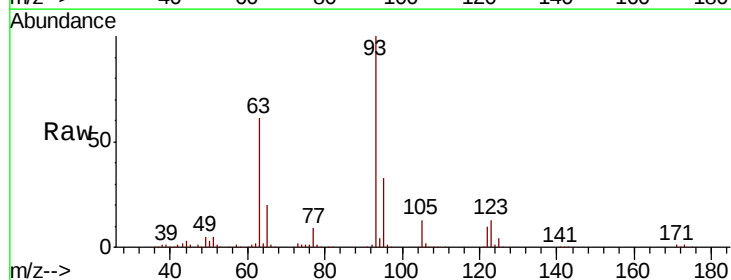
Tgt Ion: 93 Resp: 589704

Ion Ratio Lower Upper

93 100

95 33.4 27.0 40.4

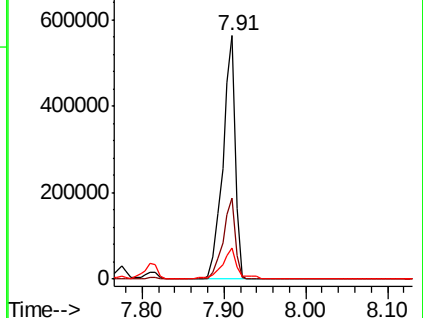
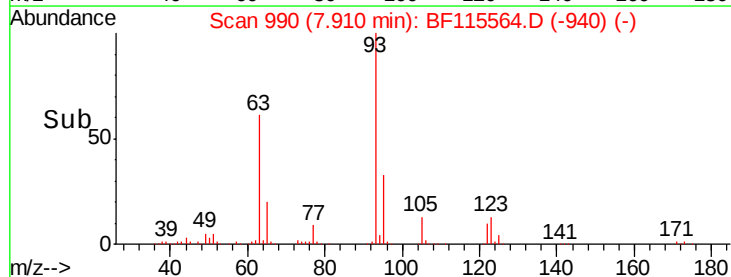
123 12.7 9.9 14.9

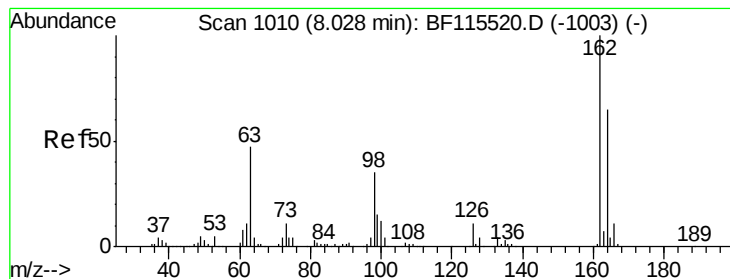


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.709 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleID :

PB121220BS

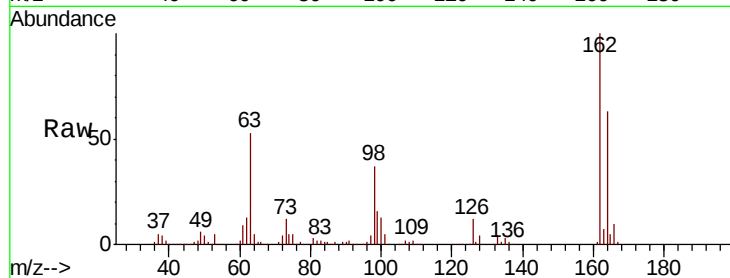
Tot Ion:162 Resp: 427432

Ion Ratio Lower Upper

162 100

164 63.4 44.9 84.9

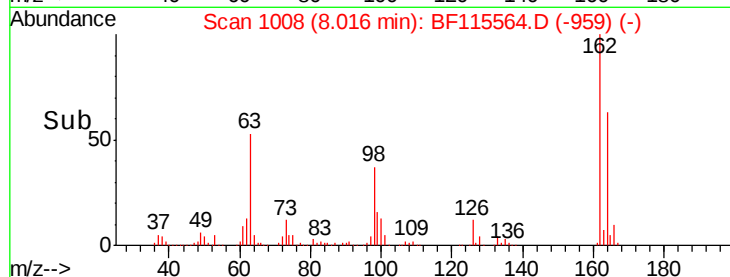
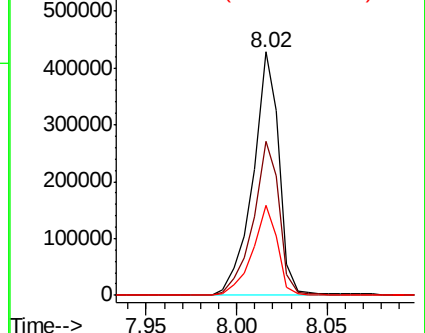
98 36.8 17.7 57.7



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: 42.392 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

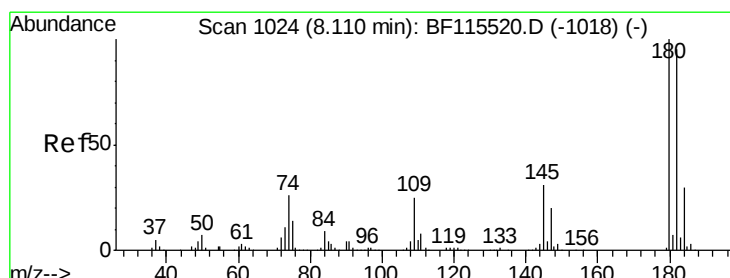
Tgt Ion:180 Resp: 468597

Ion Ratio Lower Upper

180 100

182 95.9 75.0 112.6

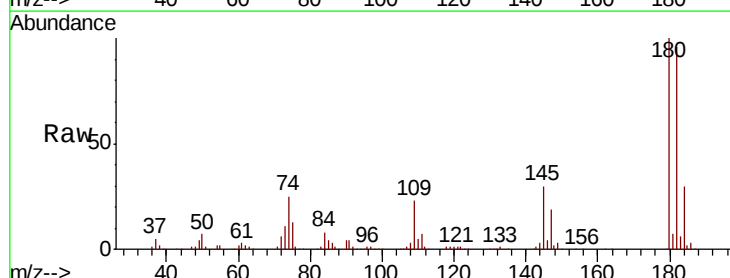
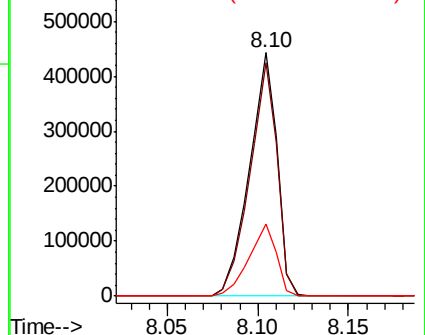
145 29.9 25.1 37.7

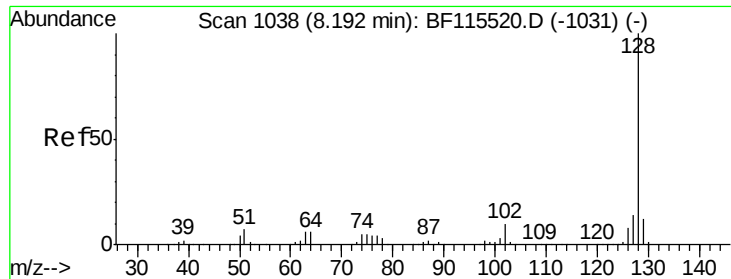


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

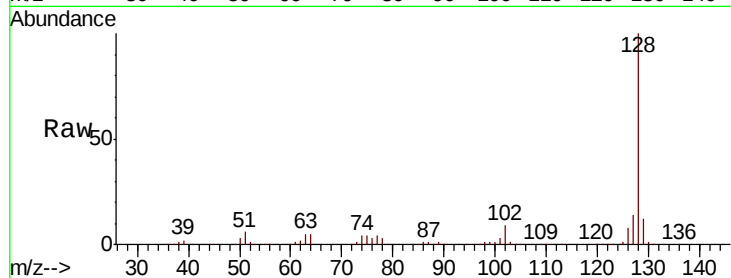




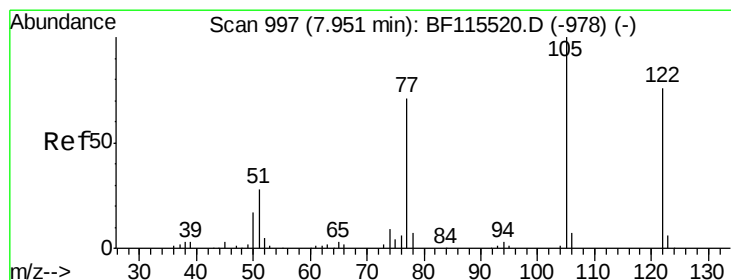
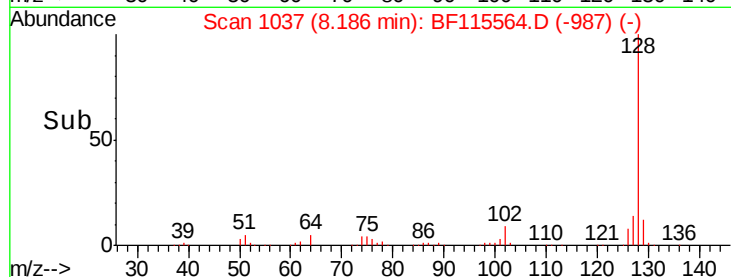
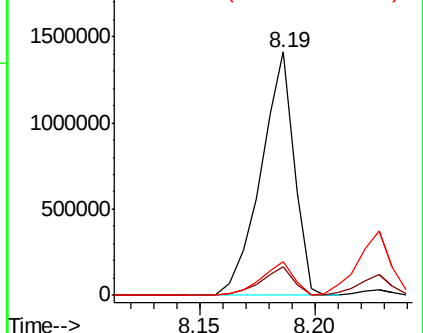
#31
Naphthalene
Concen: 44.308 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:128 Resp: 1412383
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.8 12.1 18.1

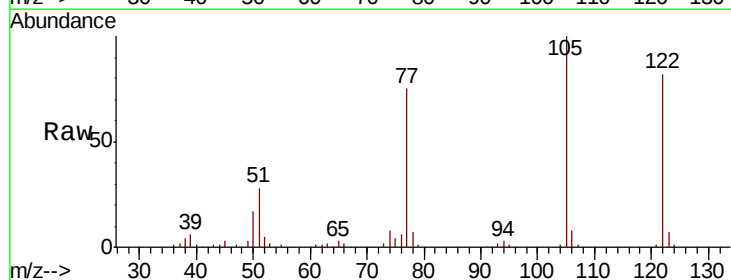


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

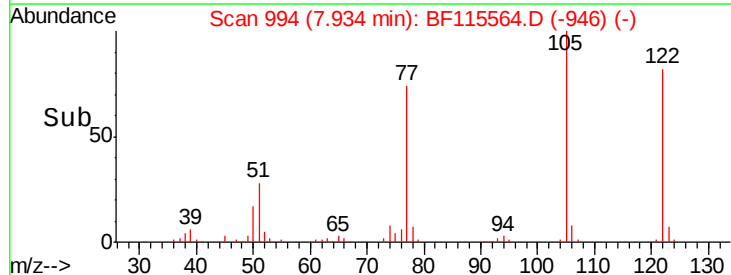
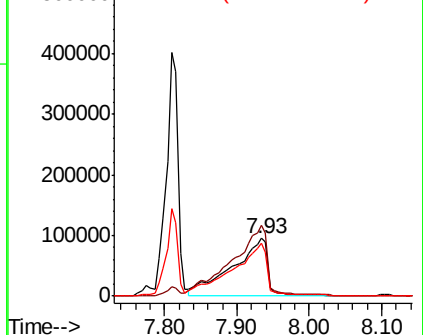


#32
Benzoic acid
Concen: 41.632 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:122 Resp: 321257
Ion Ratio Lower Upper
122 100
105 122.0 102.5 142.5
77 90.9 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

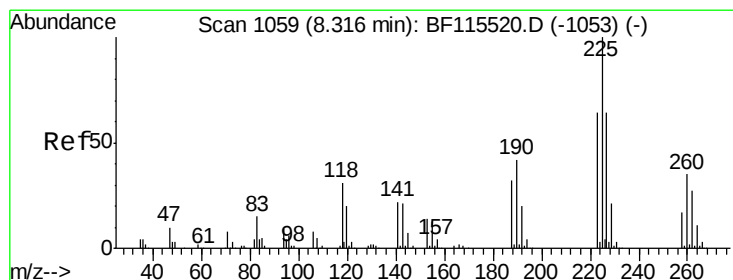
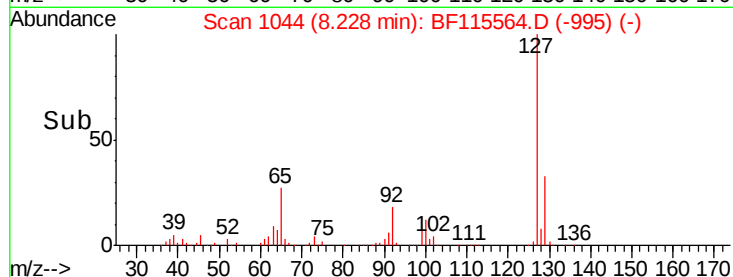
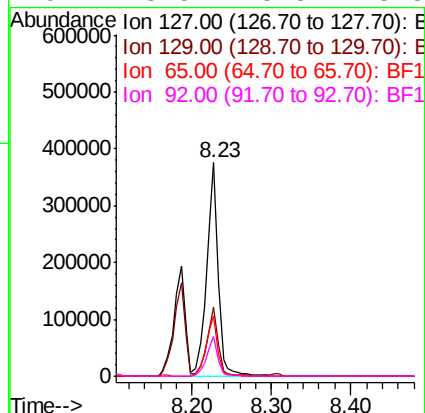
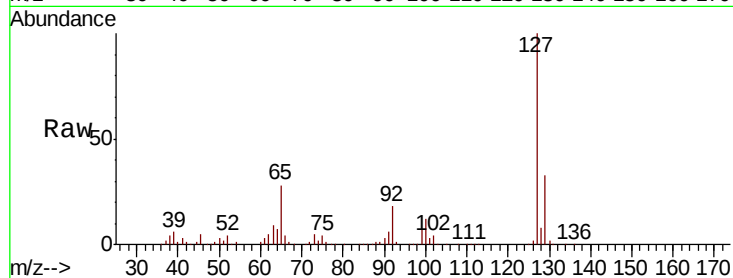




#33
4-Chloroaniline
Concen: 27.263 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

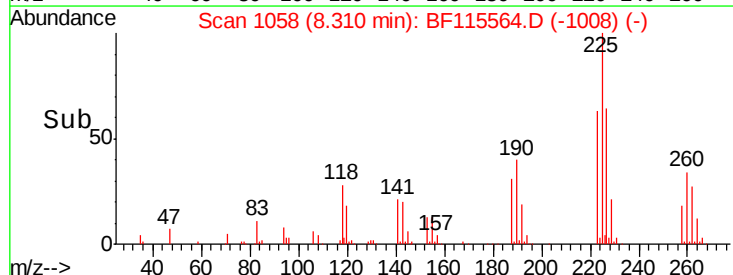
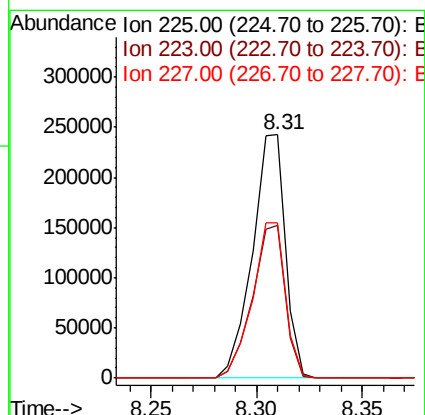
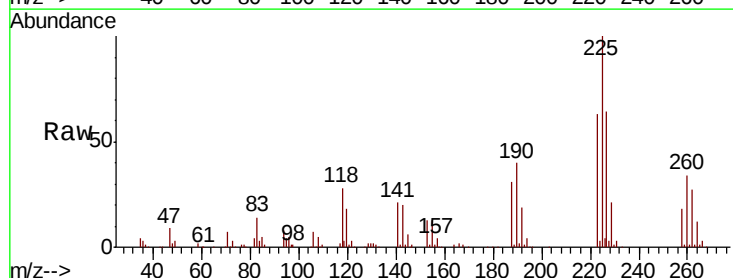
Instrument :
BNA_F
ClientSampleId :
PB121220BS

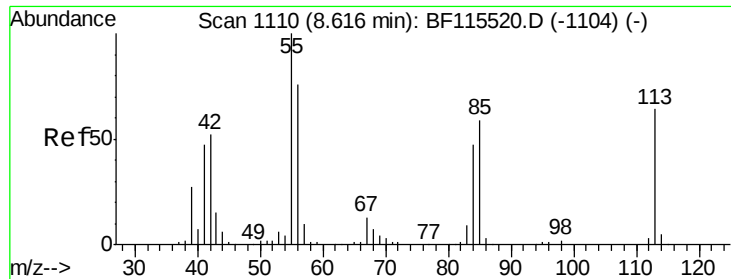
Tot Ion:	127	Resp:	384946
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	27.9	23.7	35.5
92	18.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.679 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:	225	Resp:	264197
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	63.8	50.7	76.1

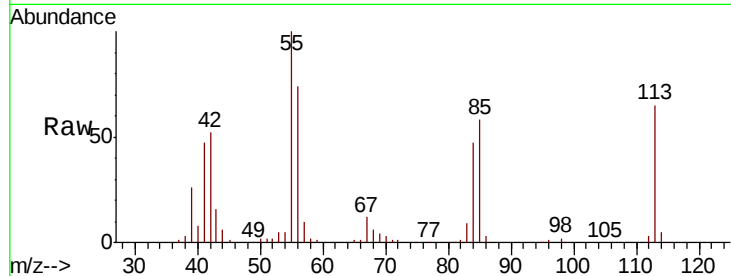




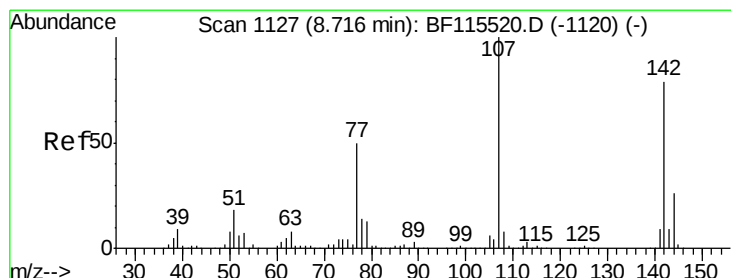
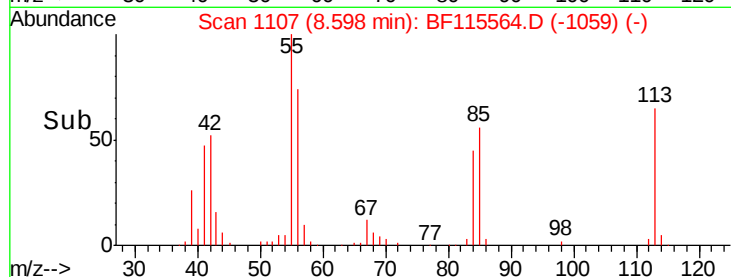
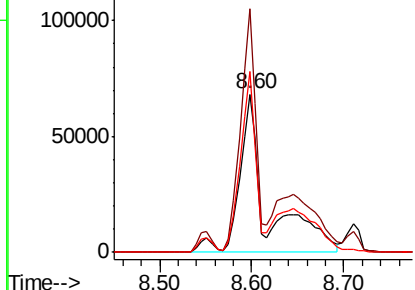
#35
Caprolactam
Concen: 46.699 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:113 Resp: 141116
Ion Ratio Lower Upper
113 100
55 153.8 126.9 166.9
56 114.4 90.3 130.3

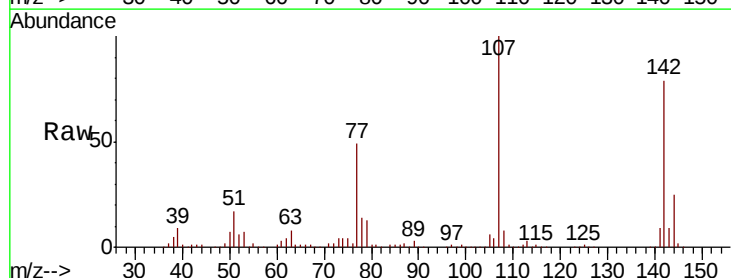


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

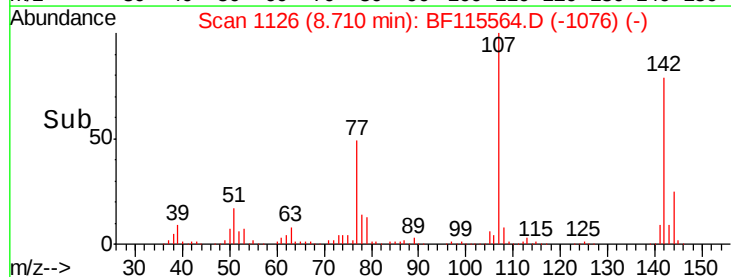
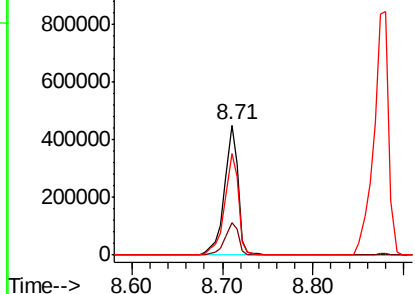


#36
4-Chloro-3-methylphenol
Concen: 45.343 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:107 Resp: 459945
Ion Ratio Lower Upper
107 100
144 25.2 20.6 30.8
142 78.5 63.1 94.7



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

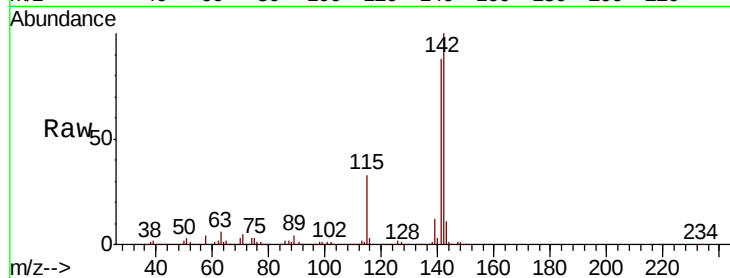




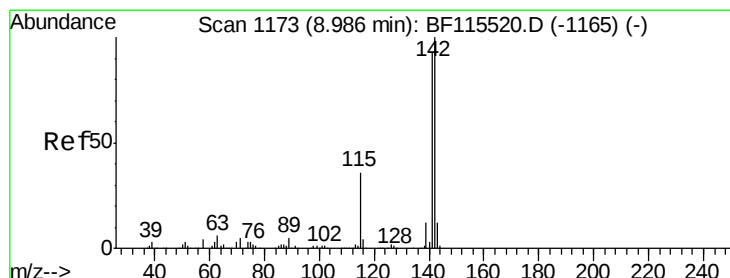
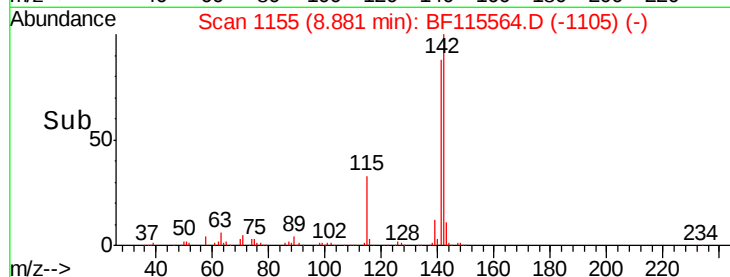
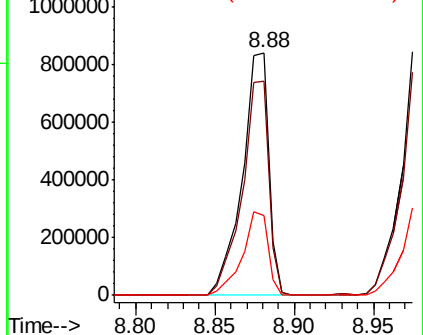
#37
2-Methylnaphthalene
Concen: 46.249 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:142 Resp: 977246
Ion Ratio Lower Upper
142 100
141 88.2 72.0 108.0
115 32.8 29.9 44.9

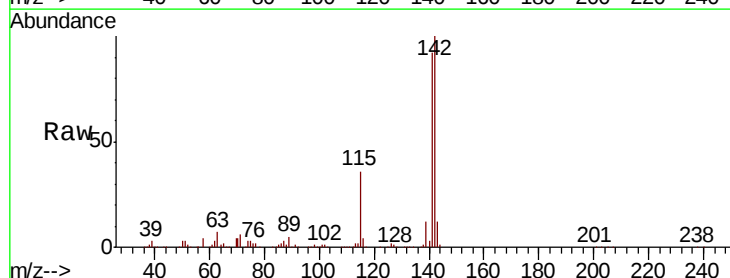


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

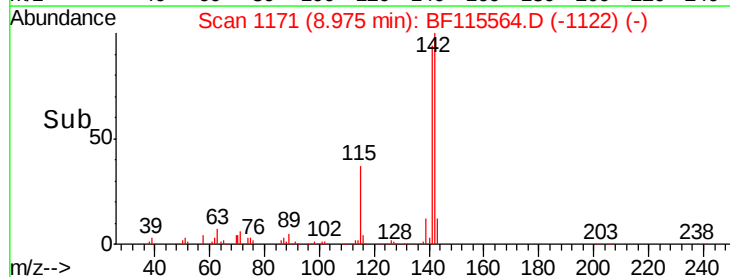
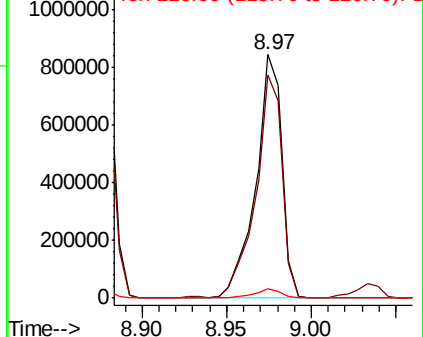


#38
1-Methylnaphthalene
Concen: 45.337 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:142 Resp: 909930
Ion Ratio Lower Upper
142 100
141 91.7 75.3 112.9
116 3.9 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

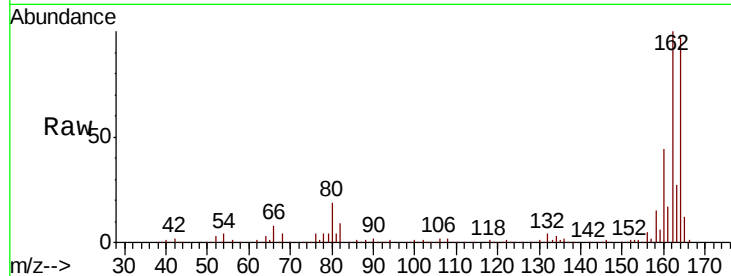




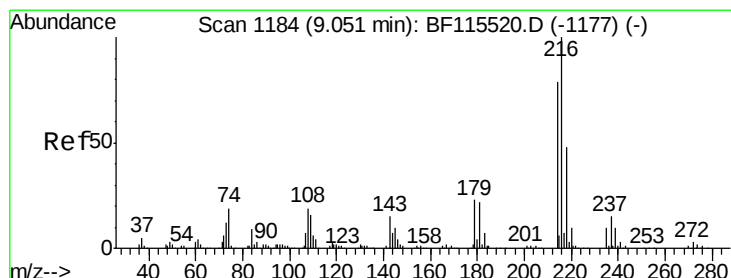
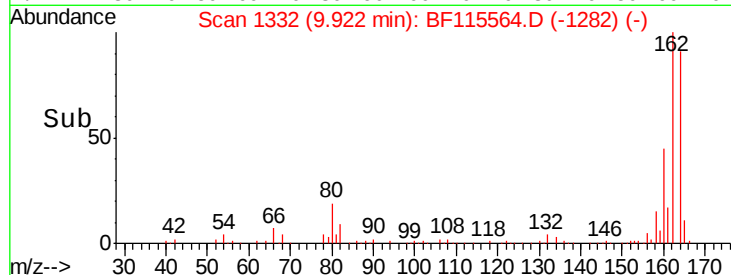
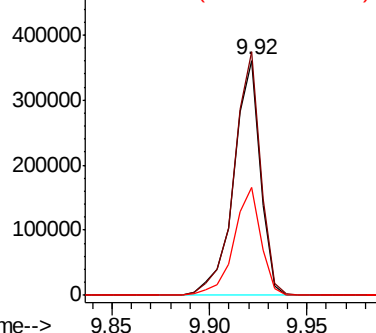
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:164 Resp: 340433
Ion Ratio Lower Upper
164 100
162 103.6 82.9 124.3
160 46.0 36.8 55.2

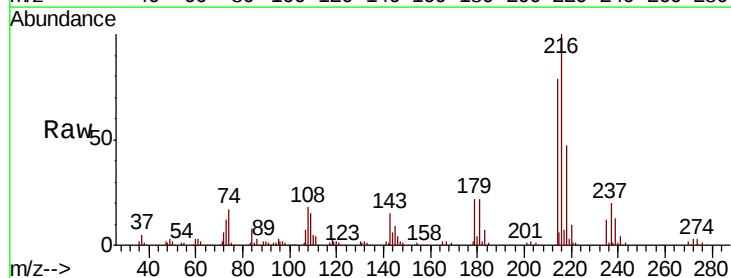


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

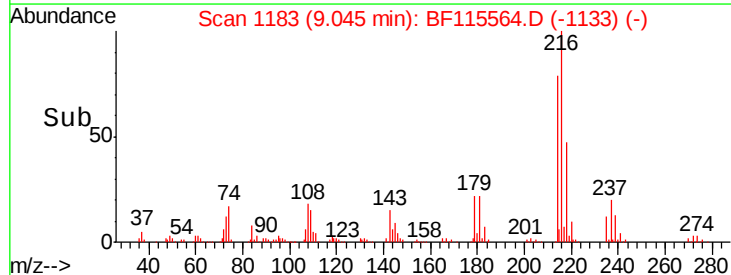
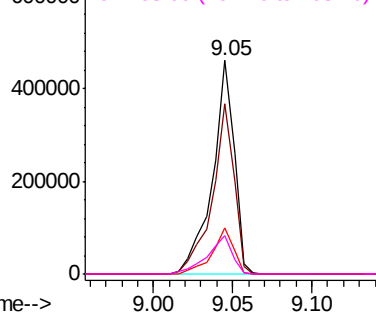


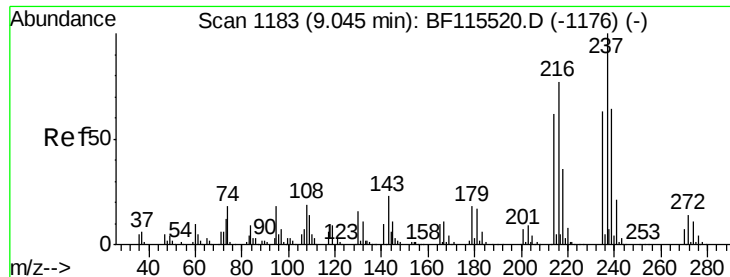
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.524 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:216 Resp: 435939
Ion Ratio Lower Upper
216 100
214 79.0 65.1 97.7
179 21.4 18.3 27.5
108 20.2 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.976 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

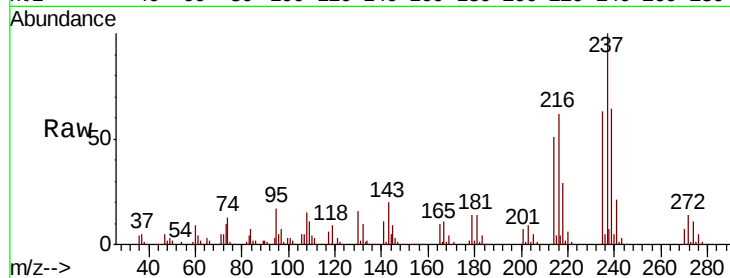
Tot Ion:237 Resp: 455998

Ion Ratio Lower Upper

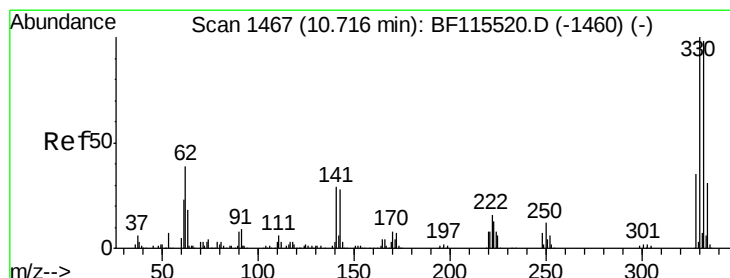
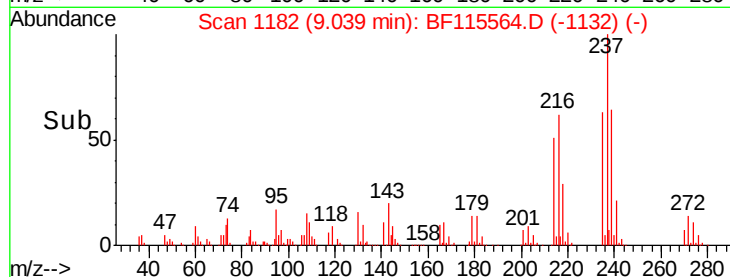
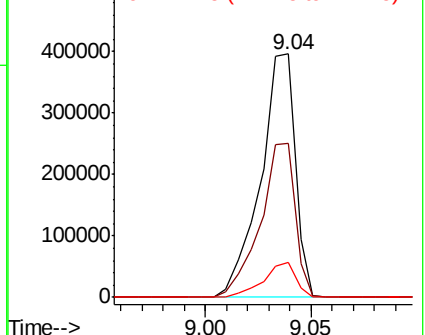
237 100

235 63.4 43.6 83.6

272 14.2 0.0 33.9



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: 124.683 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

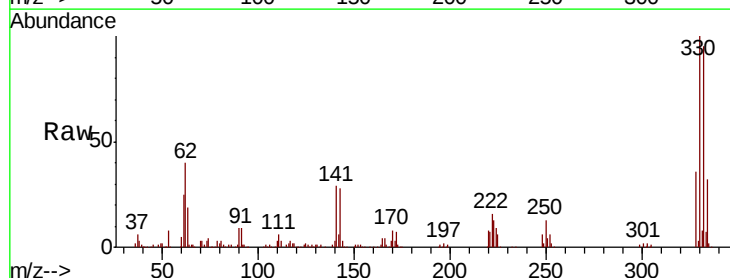
Tgt Ion:330 Resp: 495451

Ion Ratio Lower Upper

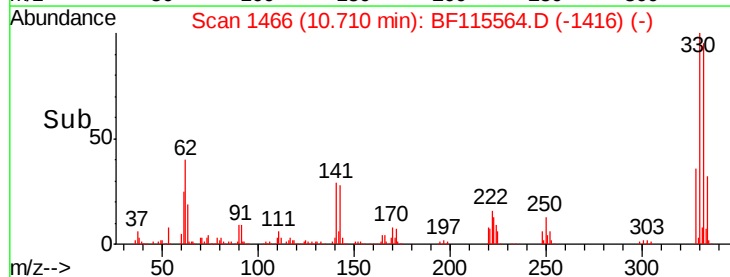
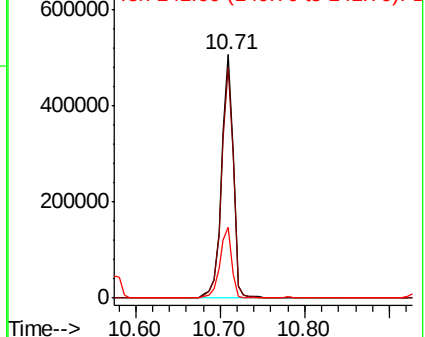
330 100

332 95.9 77.4 116.2

141 29.6 22.4 33.6



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

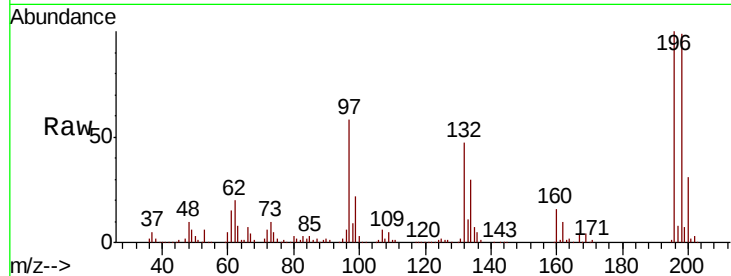




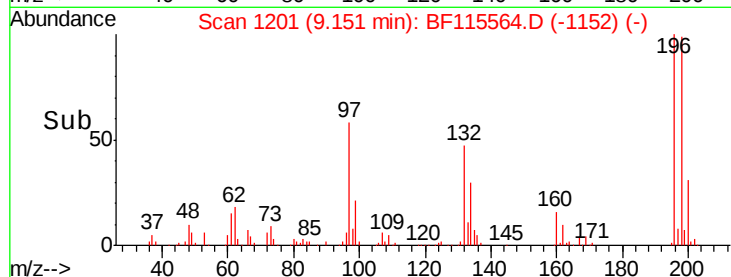
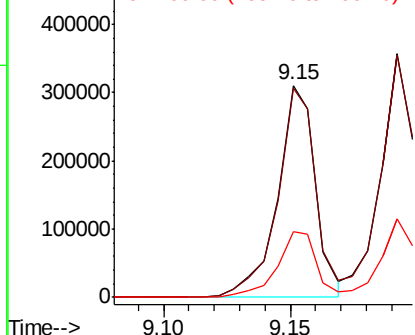
#43
 2,4,6-Trichlorophenol
 Concen: 43.380 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion:196 Resp: 325216
 Ion Ratio Lower Upper
 196 100
 198 98.9 80.6 121.0
 200 31.3 25.8 38.6

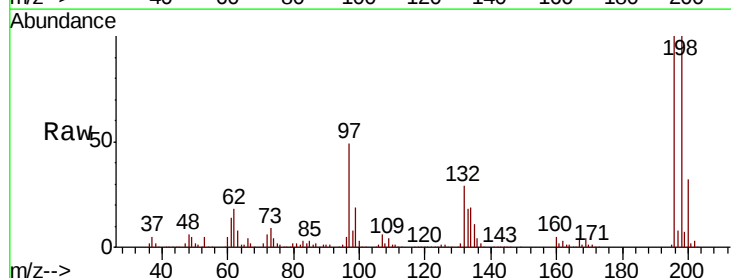


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

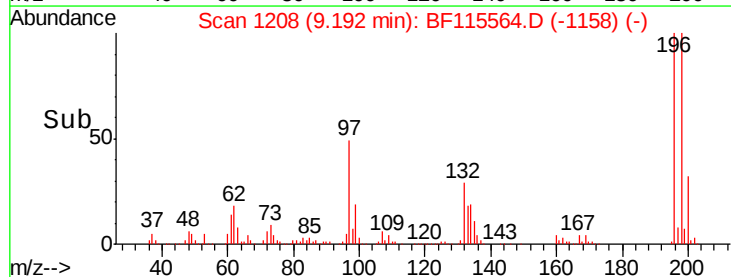
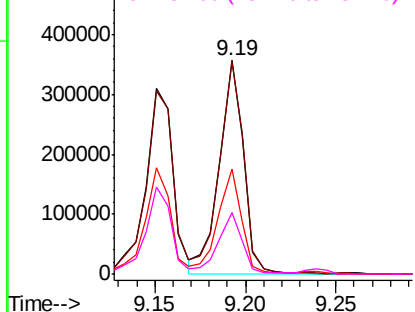


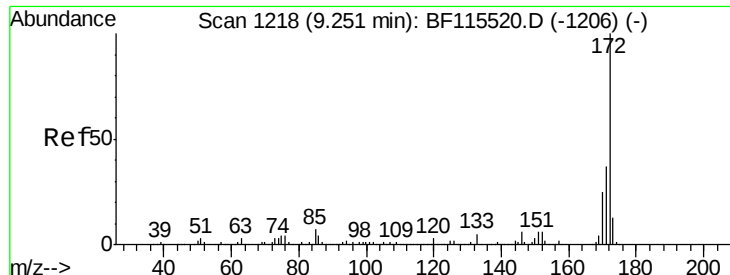
#44
 2,4,5-Trichlorophenol
 Concen: 42.975 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion:196 Resp: 329950
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.6 119.4
 97 49.2 37.8 56.6
 132 28.7 22.8 34.2



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

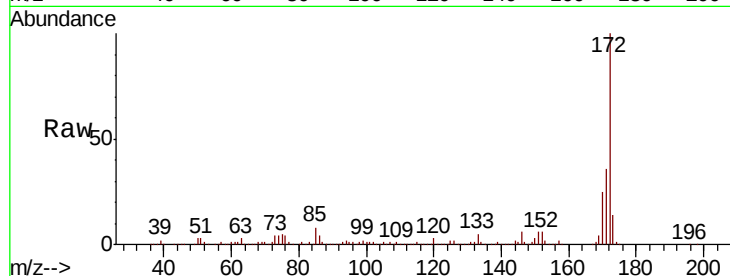




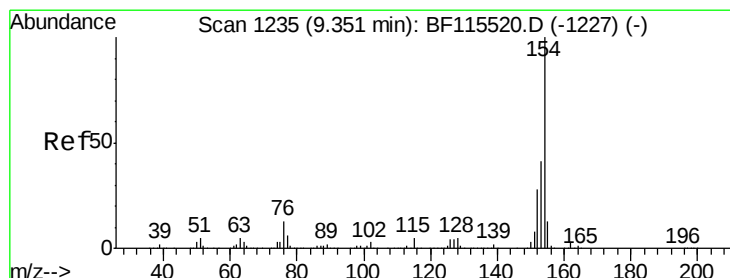
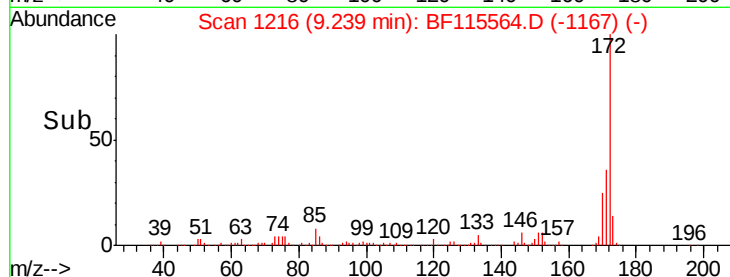
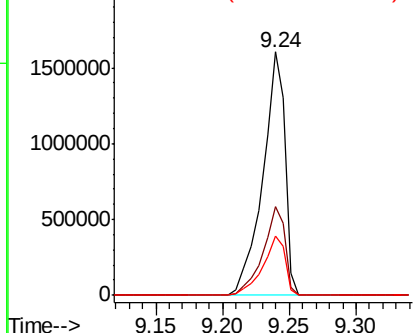
#45
2-Fluorobiphenyl
Concen: 94.819 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:172 Resp: 1844251
Ion Ratio Lower Upper
172 100
171 36.5 30.6 46.0
170 24.6 20.5 30.7

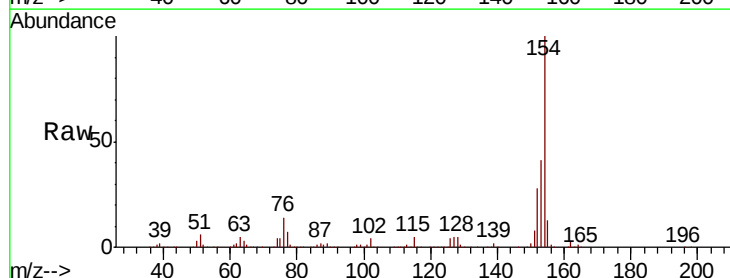


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

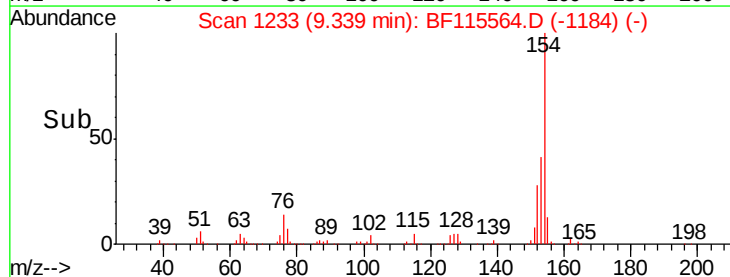
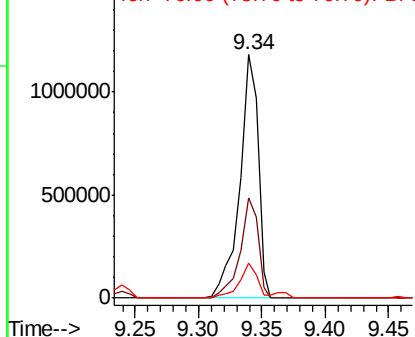


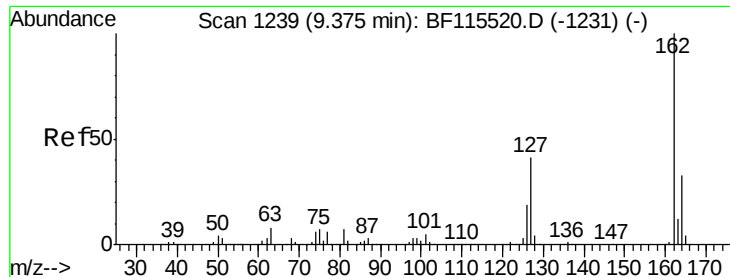
#46
1,1'-Biphenyl
Concen: 44.356 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:154 Resp: 1180526
Ion Ratio Lower Upper
154 100
153 41.2 22.6 62.6
76 14.3 0.0 33.4



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

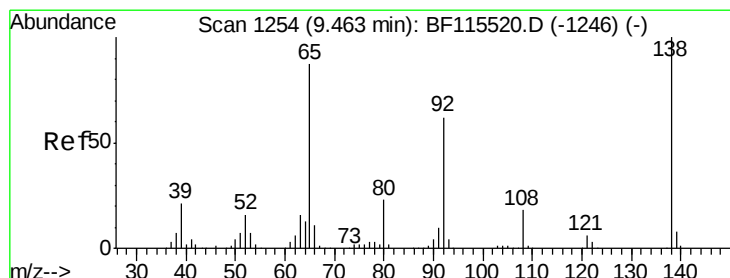
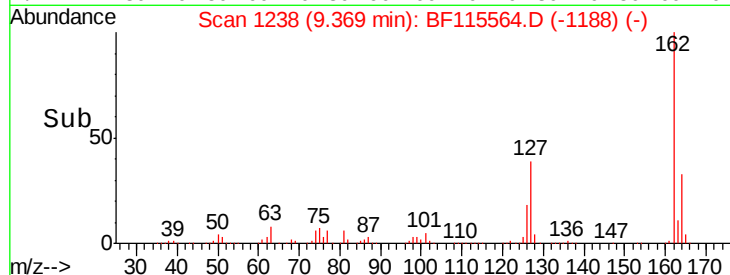
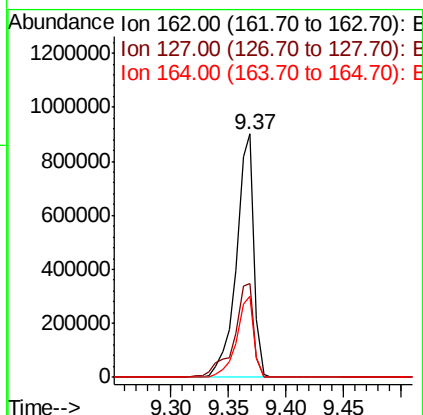
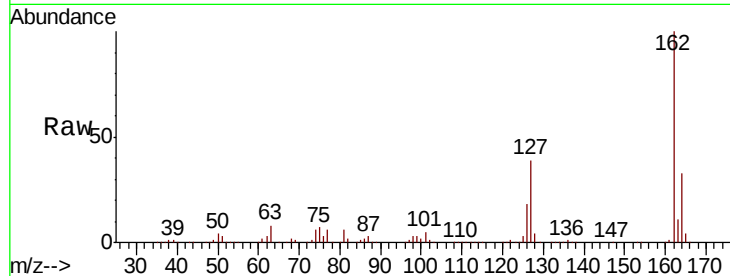




#47
2-Chloronaphthalene
Concen: 42.515 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

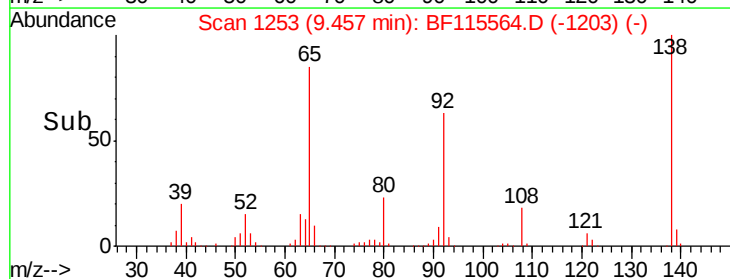
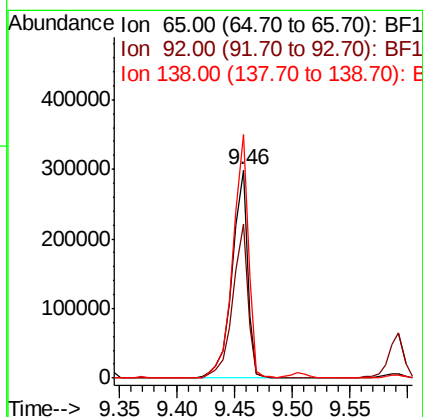
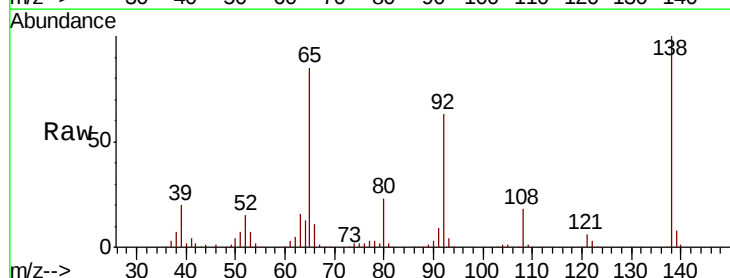
Instrument :
BNA_F
ClientSampleId :
PB121220BS

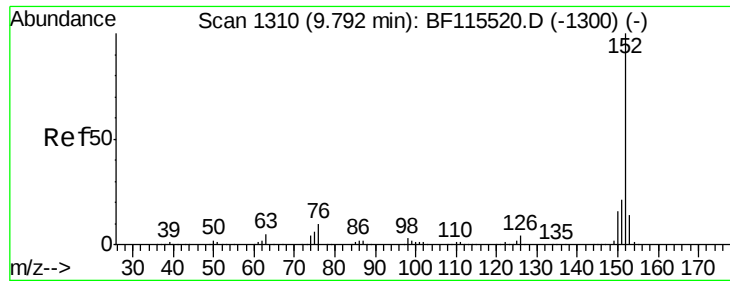
Tot Ion:162 Resp: 942165
Ion Ratio Lower Upper
162 100
127 38.7 34.1 51.1
164 33.3 27.4 41.2



#48
2-Nitroaniline
Concen: 41.017 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion: 65 Resp: 281341
Ion Ratio Lower Upper
65 100
92 73.8 57.8 86.6
138 117.1 91.2 136.8





#49

Acenaphthylene

Concen: 43.543 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

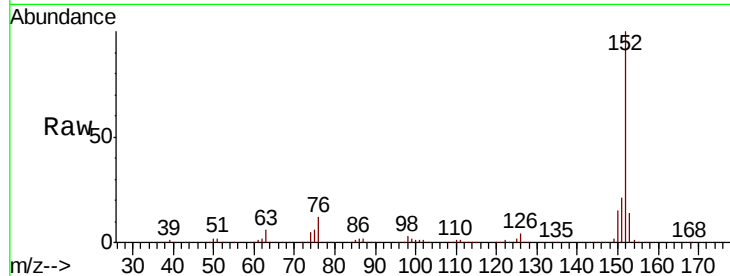
Tot Ion:152 Resp: 1429811

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

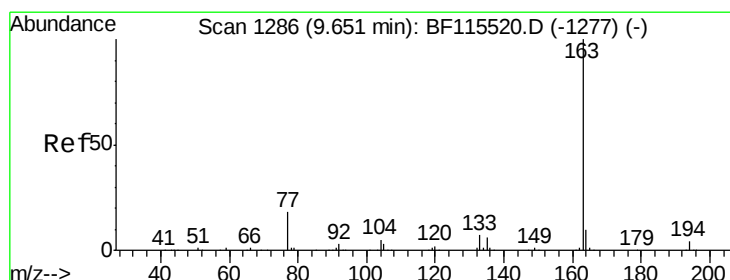
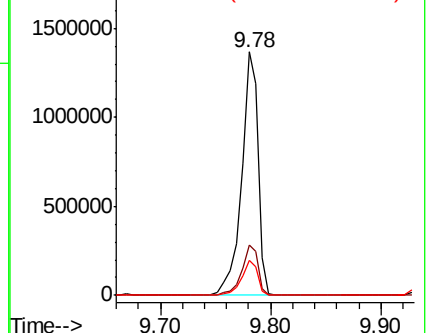
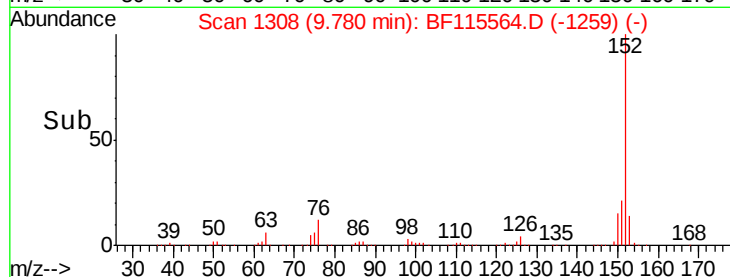
153 14.5 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.776 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

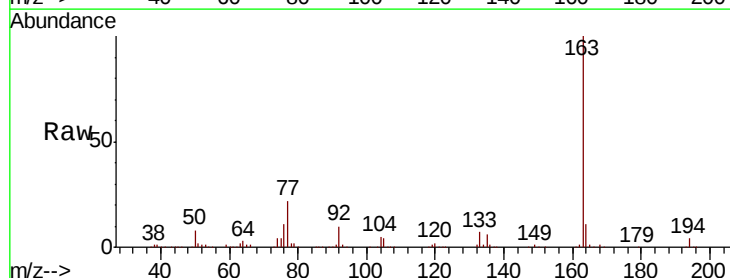
Tgt Ion:163 Resp: 1095636

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

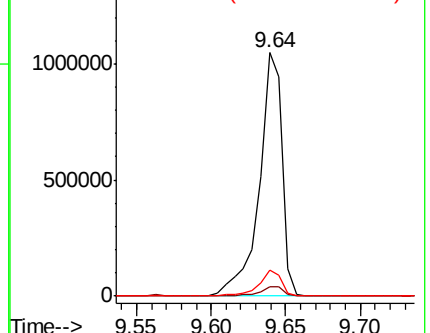
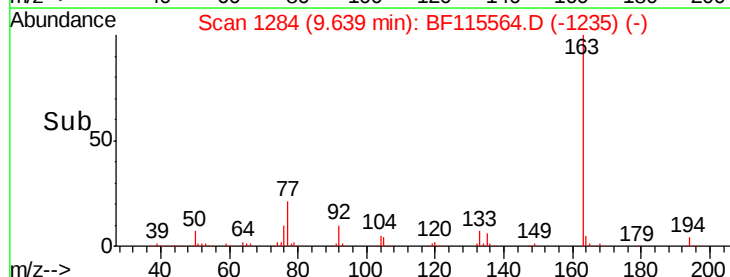
164 10.7 8.7 13.1

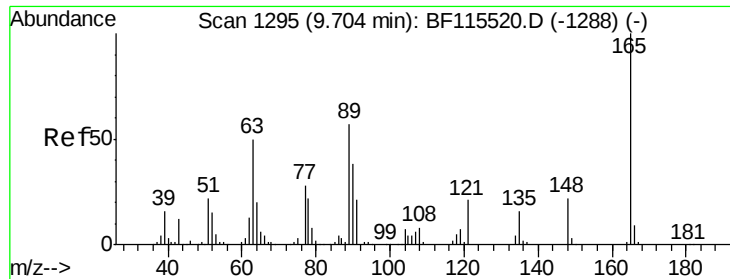


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

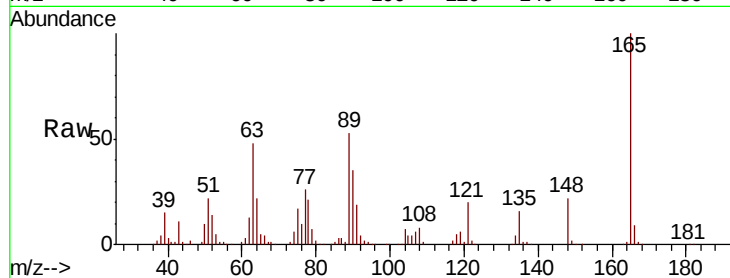




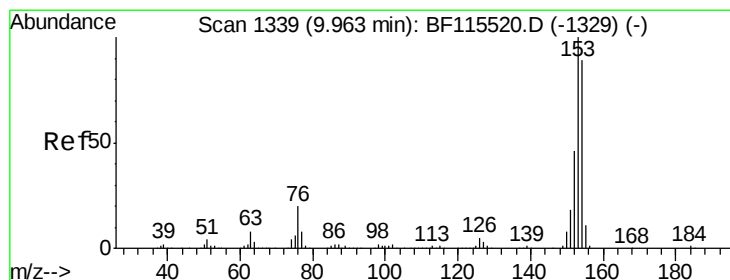
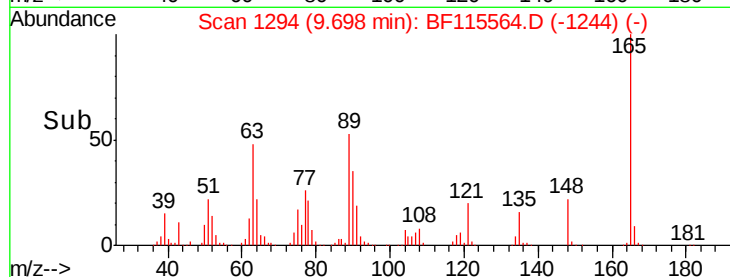
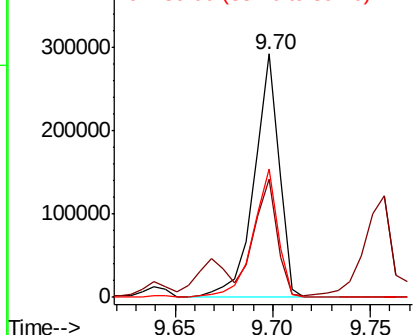
#51
2,6-Dinitrotoluene
Concen: 44.277 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:165 Resp: 257724
Ion Ratio Lower Upper
165 100
63 48.5 40.6 61.0
89 52.9 43.9 65.9

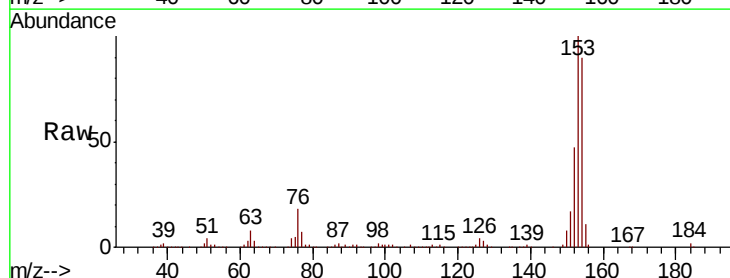


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

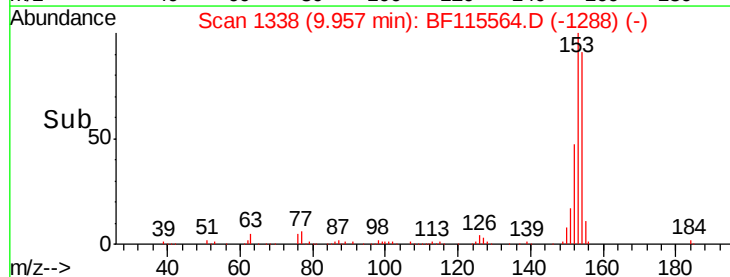
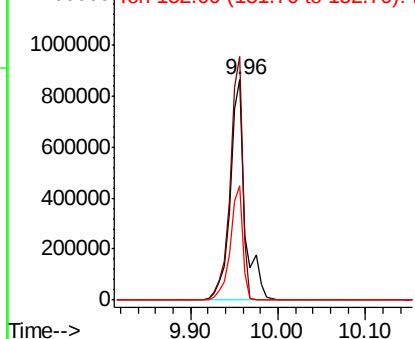


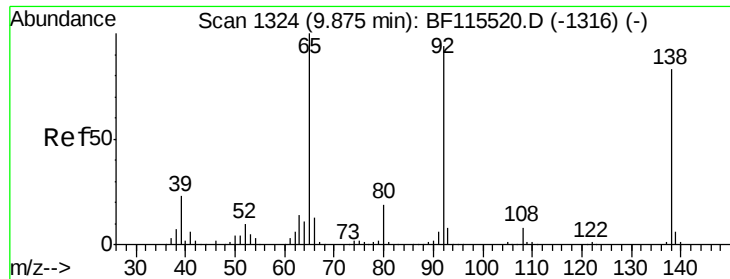
#52
Acenaphthene
Concen: 47.354 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:154 Resp: 1003902
Ion Ratio Lower Upper
154 100
153 110.5 88.6 133.0
152 52.1 42.3 63.5



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

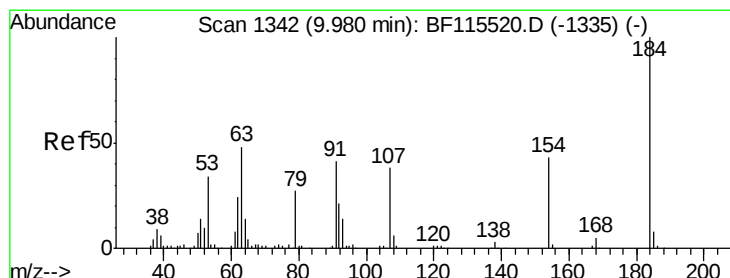
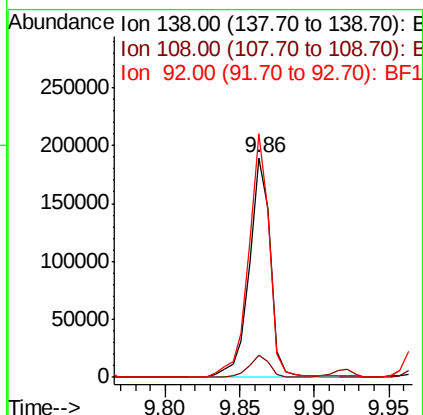
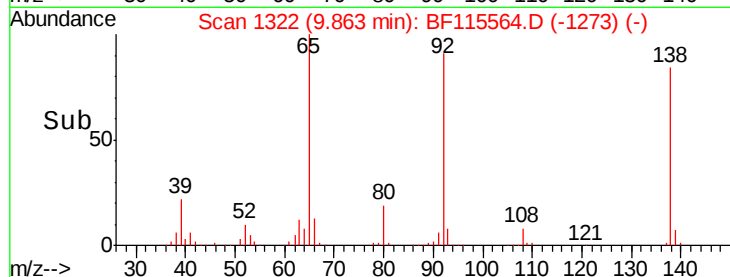
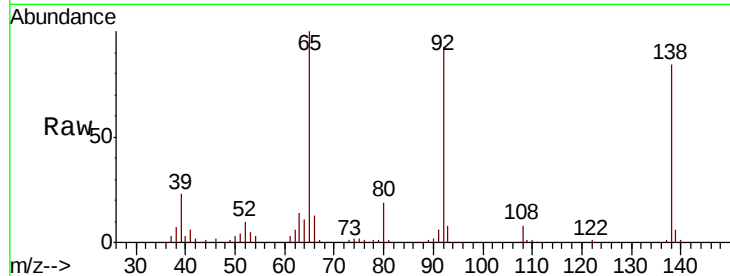




#53
 3-Nitroaniline
 Concen: 27.619 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

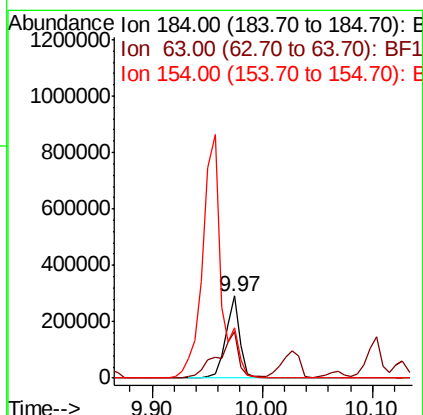
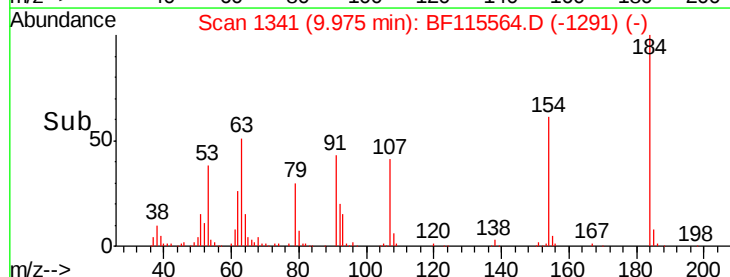
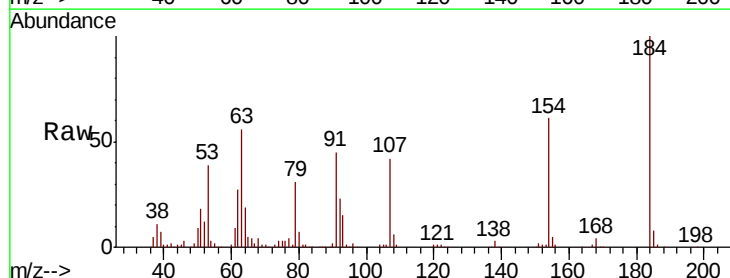
Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

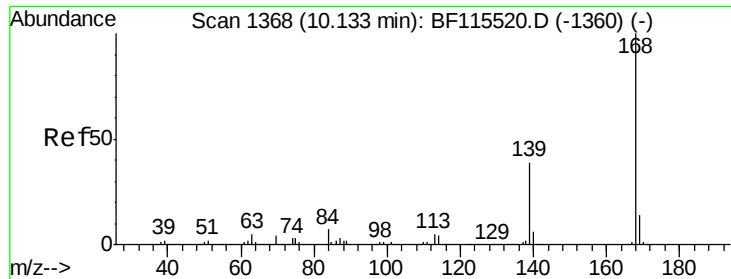
Tot Ion:138 Resp: 183713
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.4 12.6
 92 110.9 88.0 132.0



#54
 2,4-Dinitrophenol
 Concen: 87.872 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion:184 Resp: 262603
 Ion Ratio Lower Upper
 184 100
 63 56.5 48.7 73.1
 154 60.5 48.6 73.0





#55

Dibenzofuran

Concen: 43.060 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

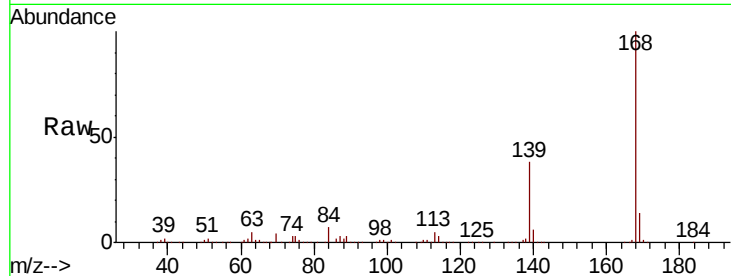
Tot Ion:168 Resp: 1296386

Ion Ratio Lower Upper

168 100

139 38.5 31.1 46.7

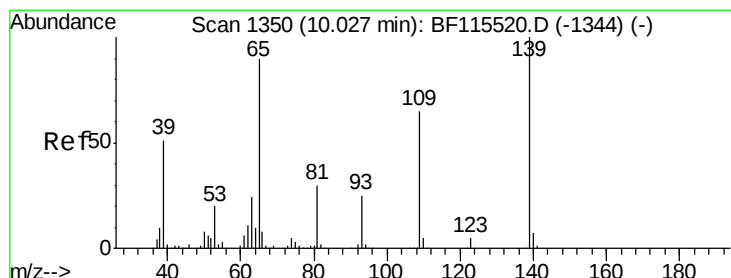
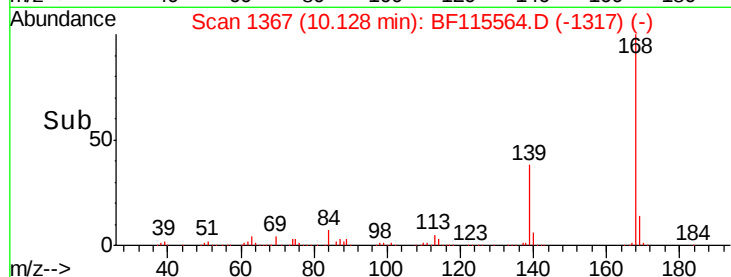
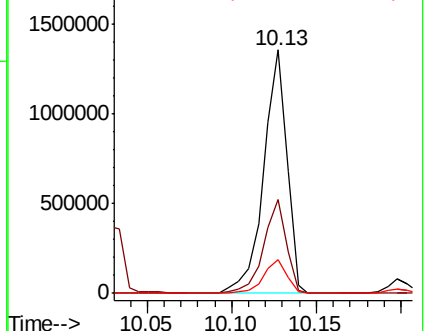
169 13.8 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.980 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

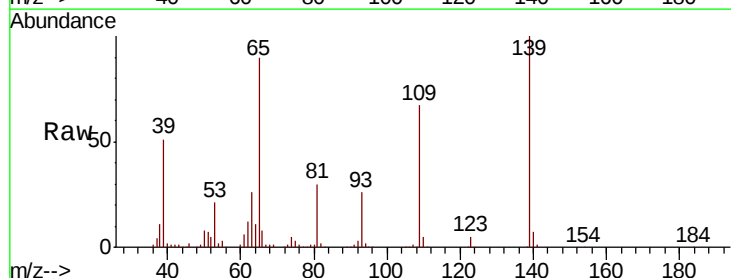
Tgt Ion:139 Resp: 461476

Ion Ratio Lower Upper

139 100

109 66.7 46.4 86.4

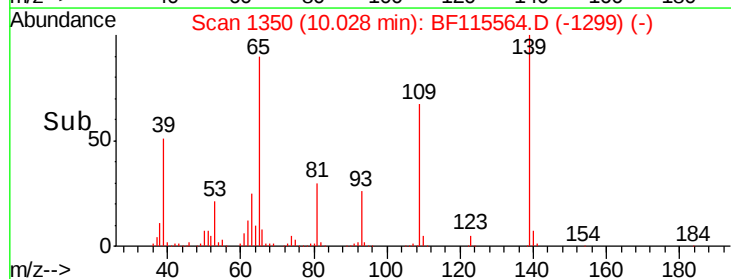
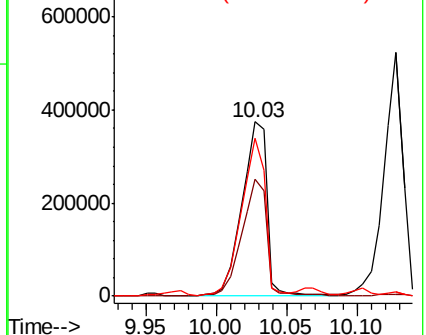
65 90.5 68.9 108.9

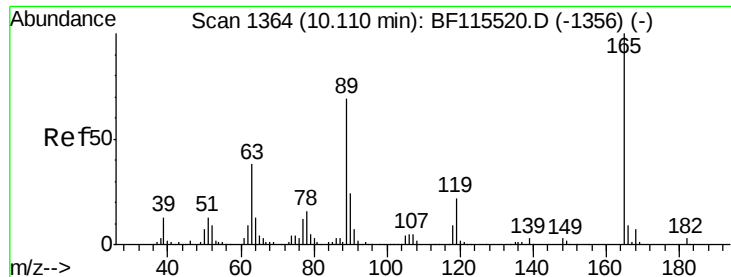


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

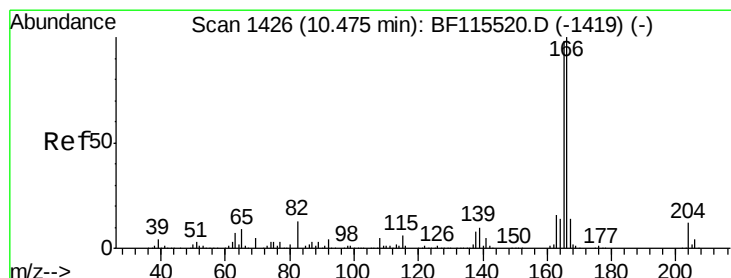
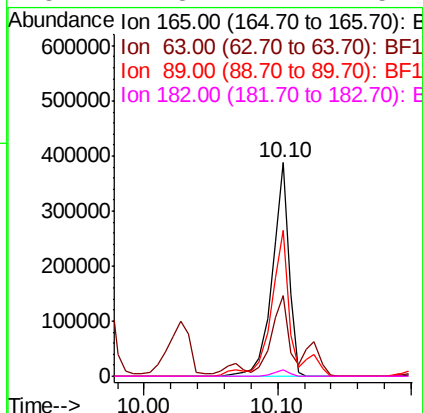
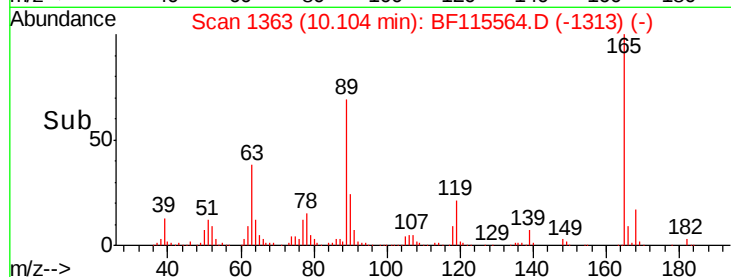
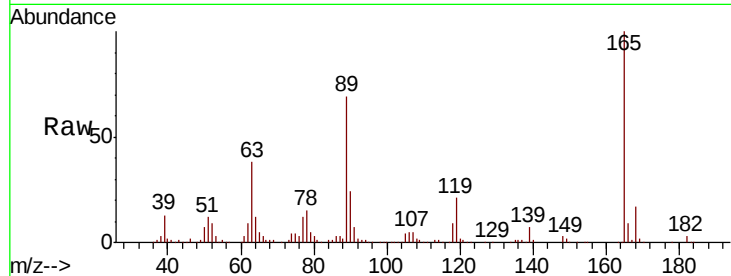




#57
 2,4-Dinitrotoluene
 Concen: 44.703 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

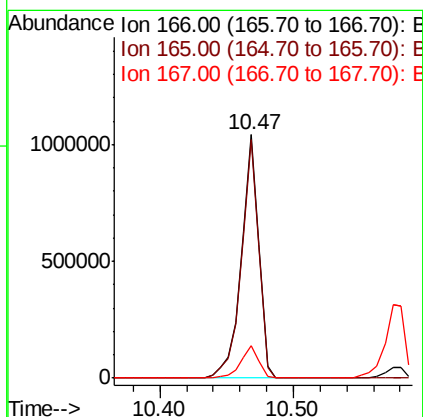
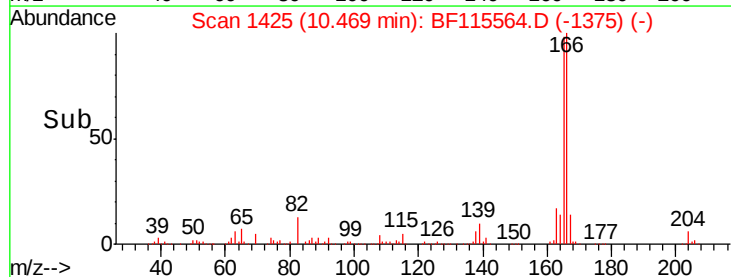
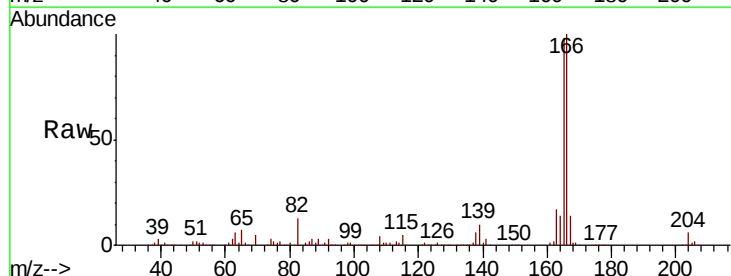
Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion:	165	Resp:	337107
Ion	Ratio	Lower	Upper
165	100		
63	37.8	34.9	52.3
89	68.6	57.5	86.3
182	2.8	2.2	3.4



#58
 Fluorene
 Concen: 43.965 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion:	166	Resp:	946240
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.6
167	13.6	11.2	16.8

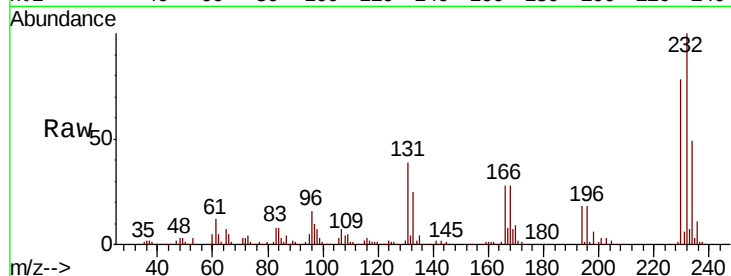




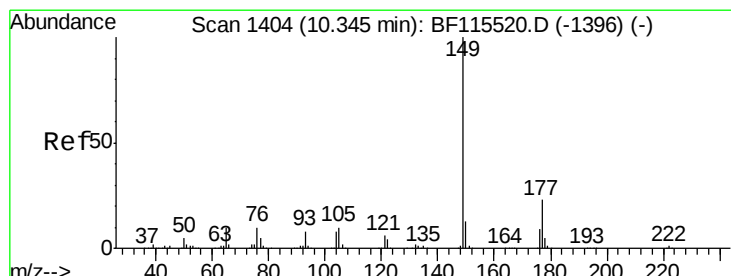
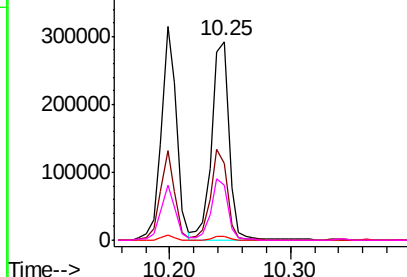
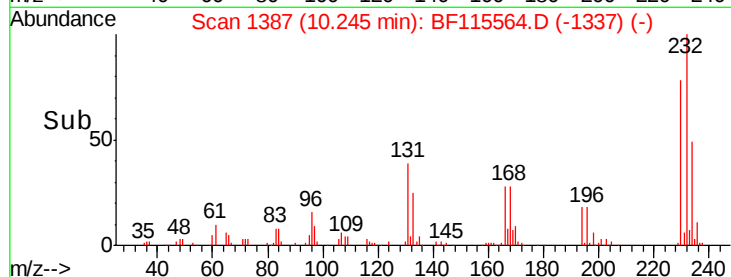
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.228 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:232 Resp: 290279
Ion Ratio Lower Upper
232 100
131 43.7 35.9 53.9
130 2.1 1.8 2.6
166 29.8 24.8 37.2

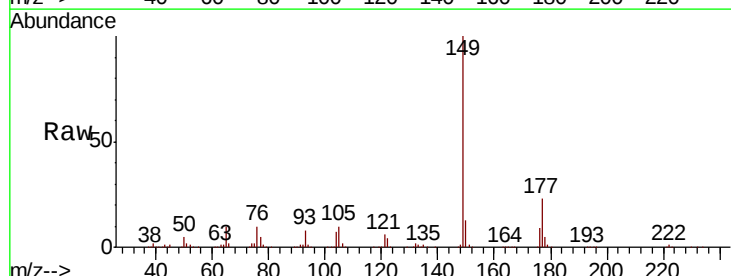


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

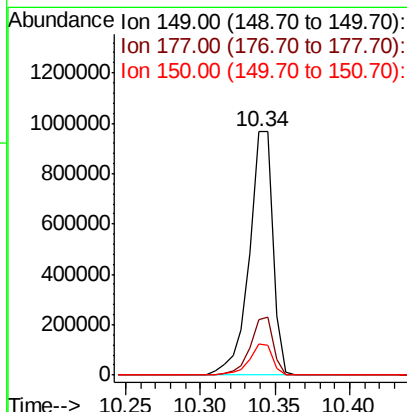
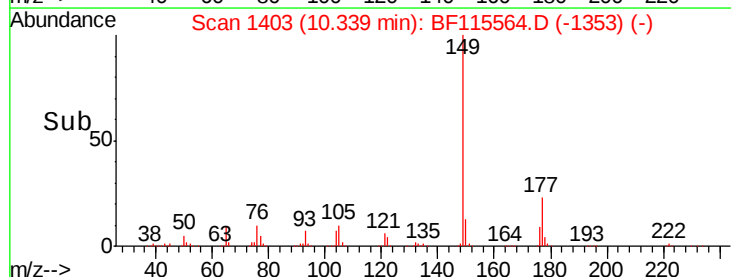


#60
Diethylphthalate
Concen: 43.966 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:149 Resp: 1055102
Ion Ratio Lower Upper
149 100
177 22.8 19.5 29.3
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

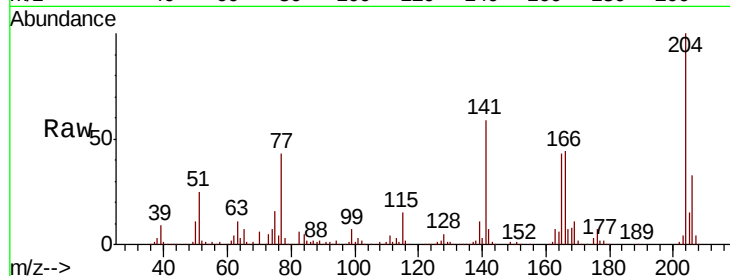




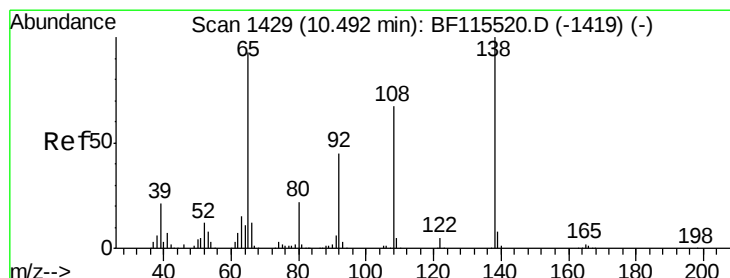
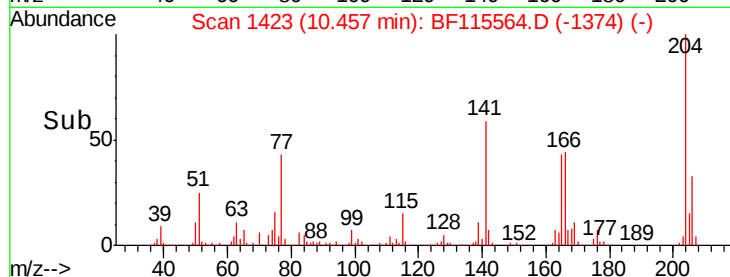
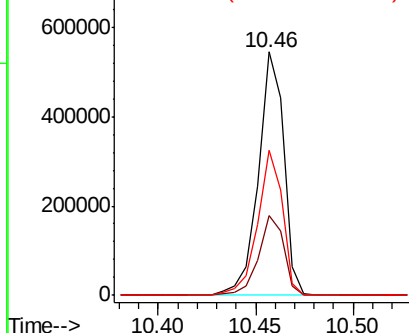
#61
4-Chlorophenyl-phenylether
Concen: 41.251 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:204 Resp: 492353
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 59.3 44.2 66.2

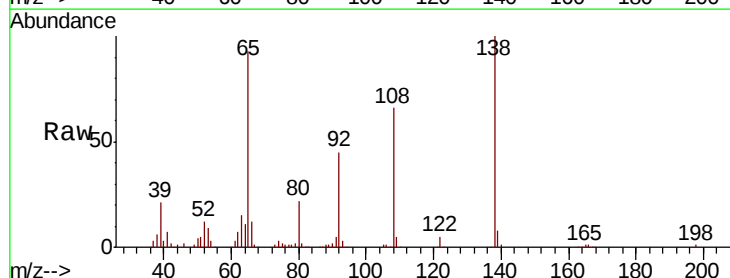


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

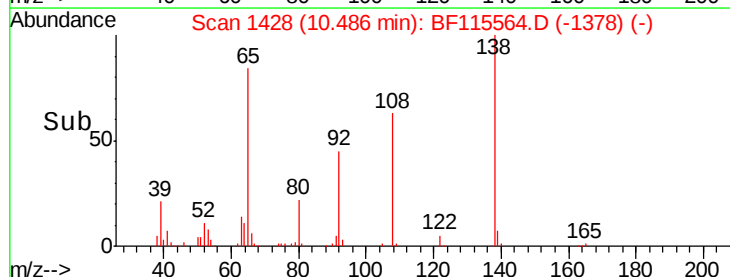
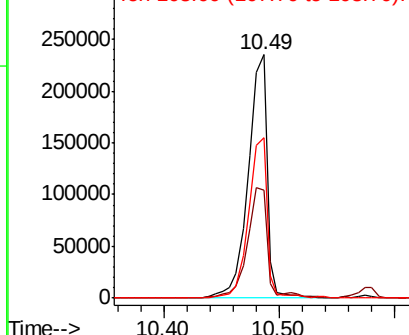


#62
4-Nitroaniline
Concen: 42.064 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:138 Resp: 268383
Ion Ratio Lower Upper
138 100
92 44.5 27.1 67.1
108 66.0 48.0 88.0



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: 44.275 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

Tot Ion: 77 Resp: 1030604

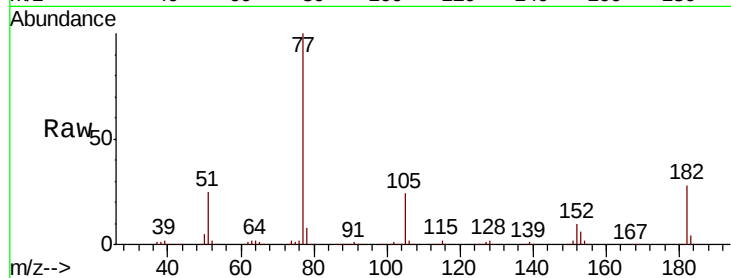
Ion Ratio Lower Upper

77 100

182 27.9 6.9 46.9

105 23.7 3.9 43.9

51 24.6 7.3 47.3

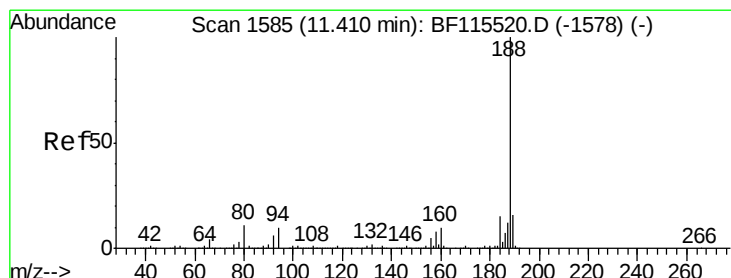
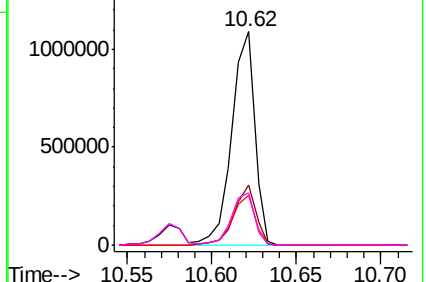
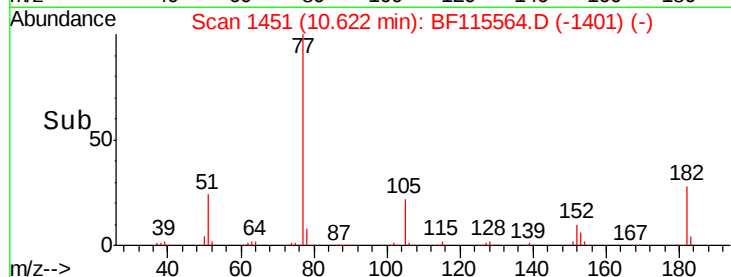


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1584

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

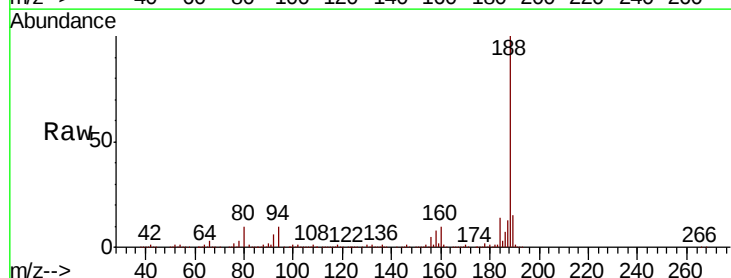
Tgt Ion: 188 Resp: 660781

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

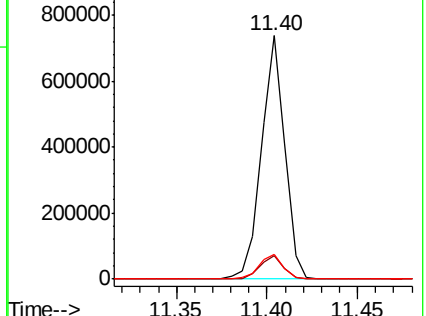
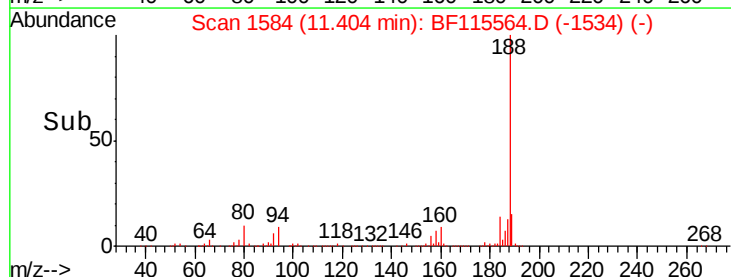
80 10.3 8.6 13.0

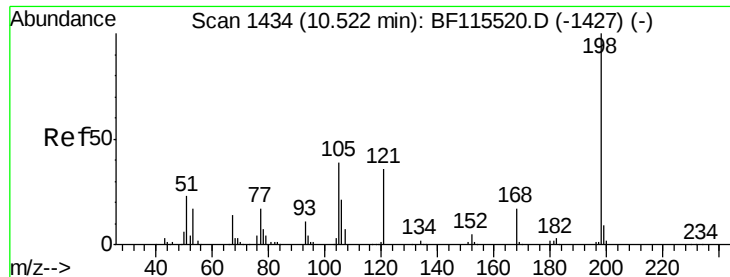


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

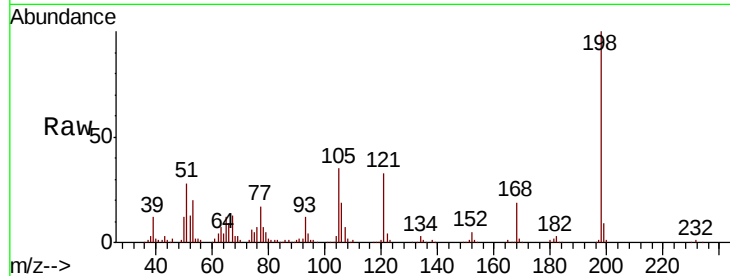




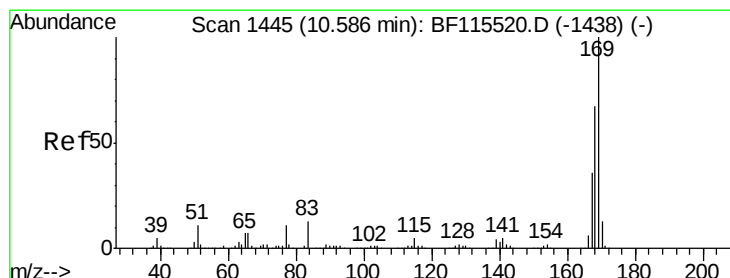
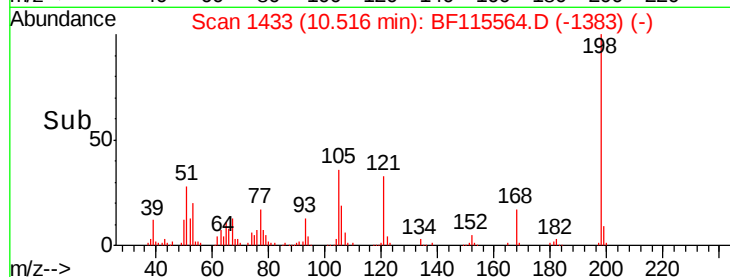
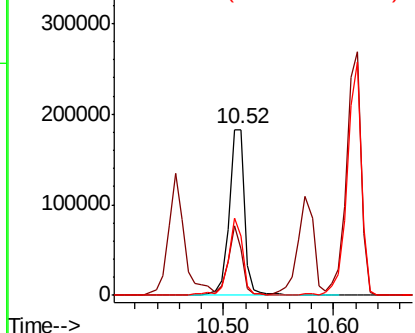
#65
4,6-Dinitro-2-methylphenol
Concen: 44.719 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:198 Resp: 180539
Ion Ratio Lower Upper
198 100
51 27.9 19.1 59.1
105 35.3 23.6 63.6

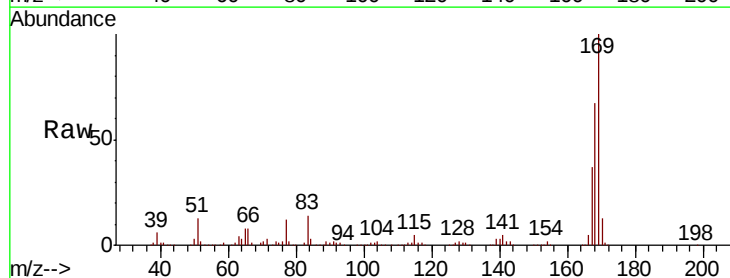


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

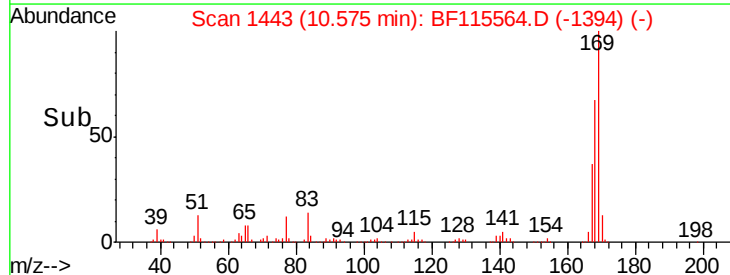
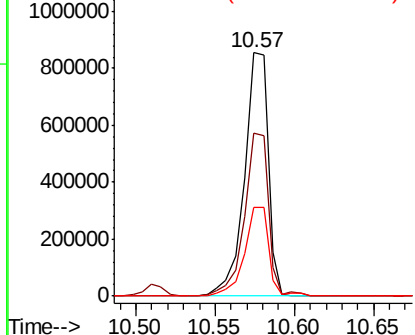


#66
n-Nitrosodiphenylamine
Concen: 43.291 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:169 Resp: 889821
Ion Ratio Lower Upper
169 100
168 67.1 54.3 81.5
167 36.5 30.2 45.2



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

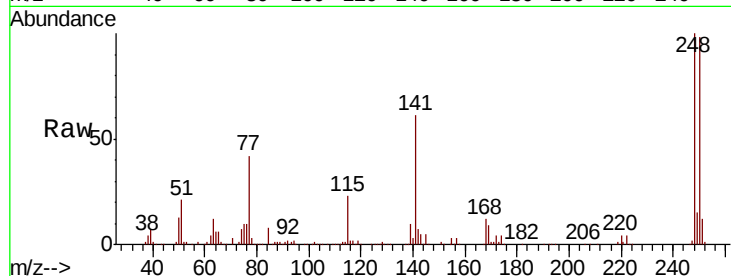




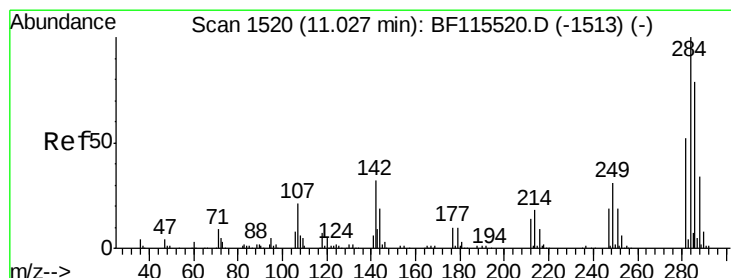
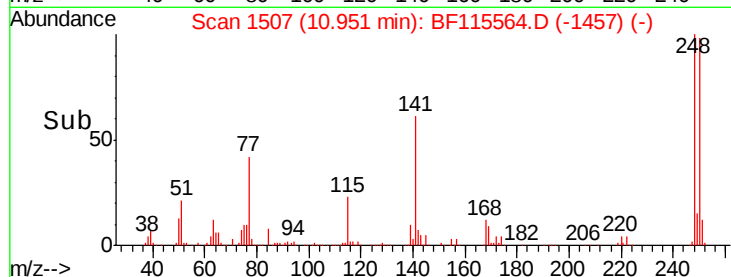
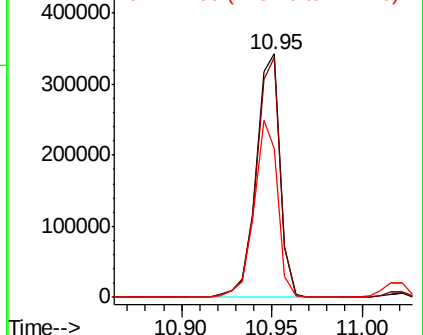
#67
 4-Bromophenyl-phenylether
 Concen: 41.658 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion:248 Resp: 314568
 Ion Ratio Lower Upper
 248 100
 250 98.4 78.0 117.0
 141 61.1 57.7 86.5

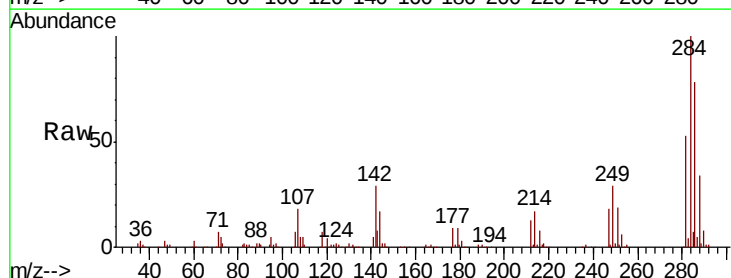


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

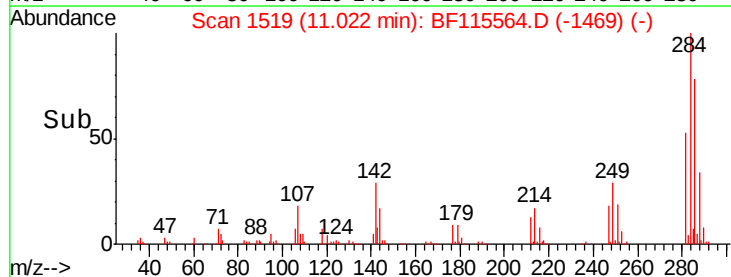
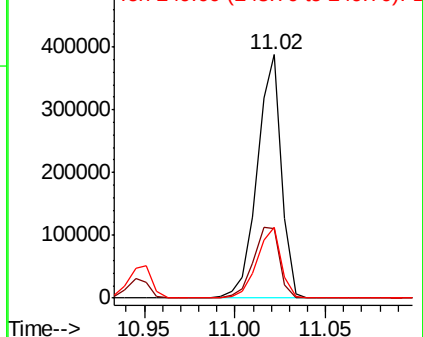


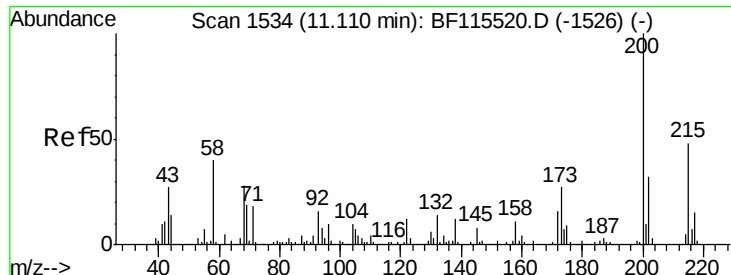
#68
 Hexachlorobenzene
 Concen: 41.669 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion:284 Resp: 359326
 Ion Ratio Lower Upper
 284 100
 142 28.8 22.2 33.2
 249 29.1 23.4 35.2



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: 42.412 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

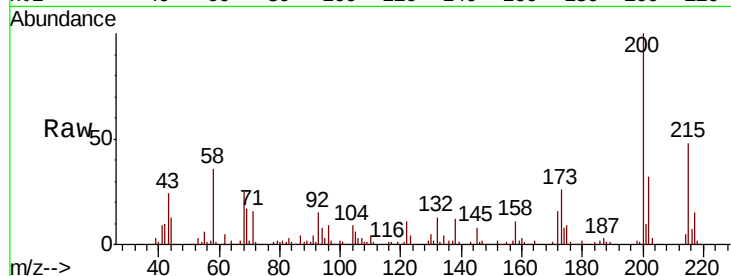
Tot Ion:200 Resp: 285987

Ion Ratio Lower Upper

200 100

173 26.2 6.9 46.9

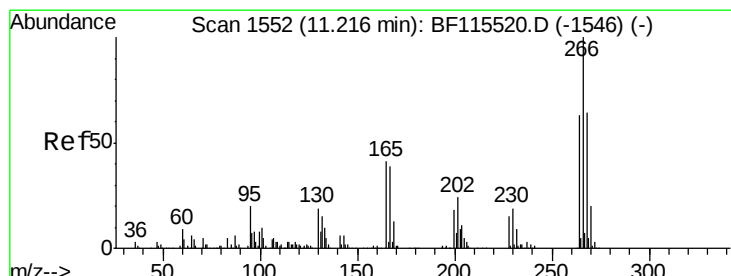
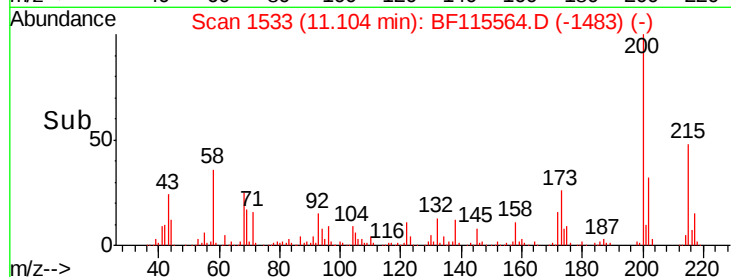
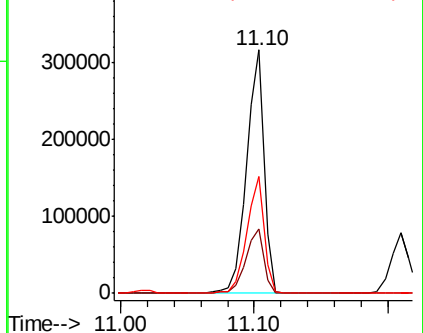
215 47.8 27.9 67.9



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: 81.550 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

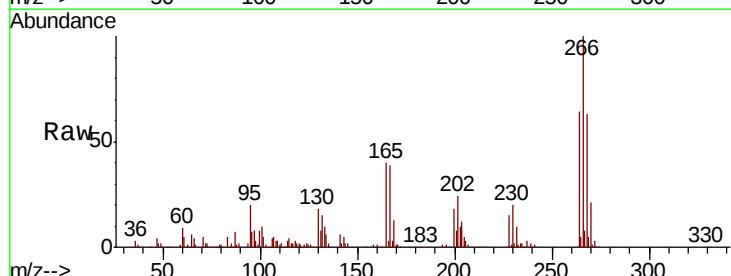
Tgt Ion:266 Resp: 430118

Ion Ratio Lower Upper

266 100

268 63.0 51.6 77.4

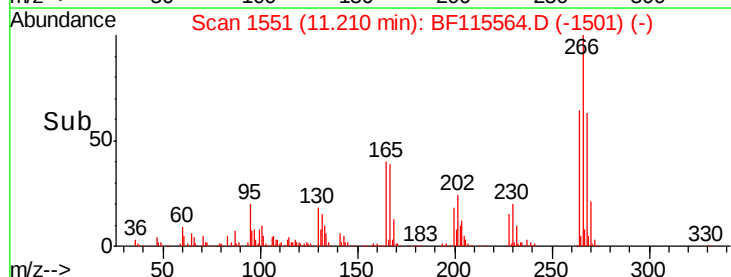
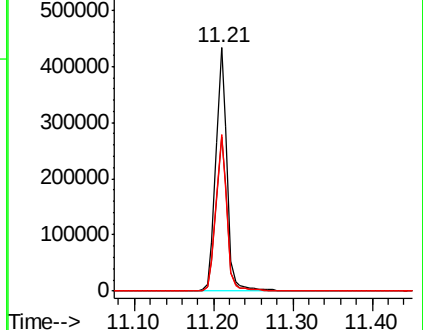
264 64.1 50.6 76.0

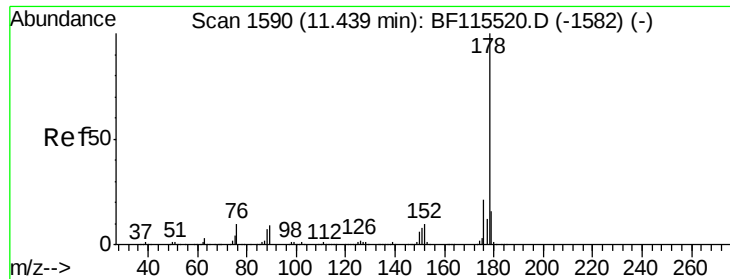


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.879 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

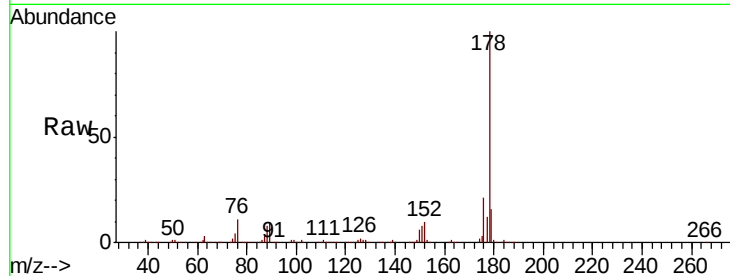
Tot Ion:178 Resp: 1452367

Ion Ratio Lower Upper

178 100

176 20.5 17.2 25.8

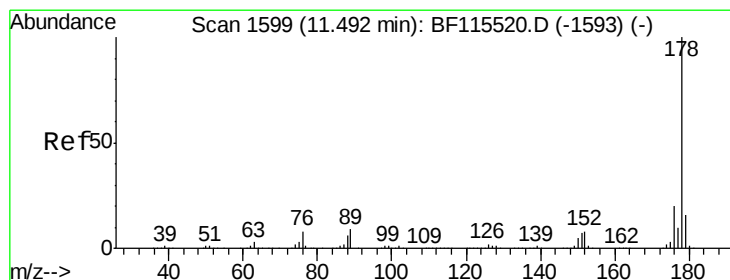
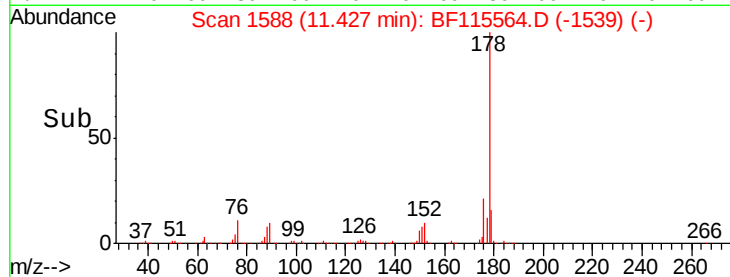
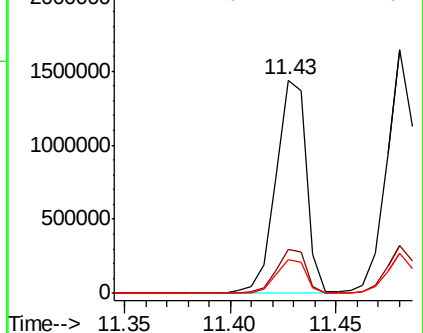
179 16.0 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.517 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

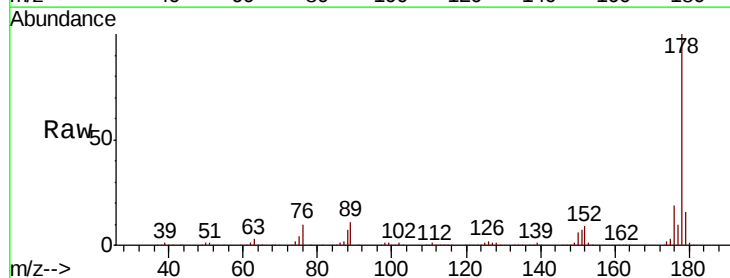
Tgt Ion:178 Resp: 1488278

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

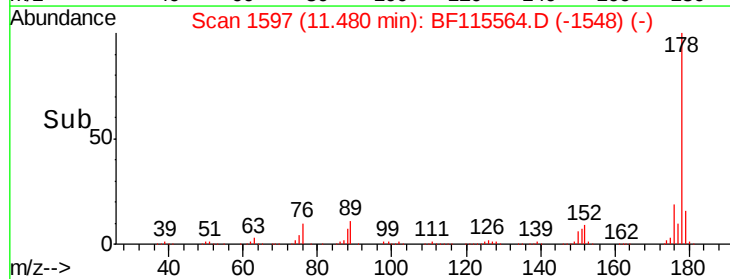
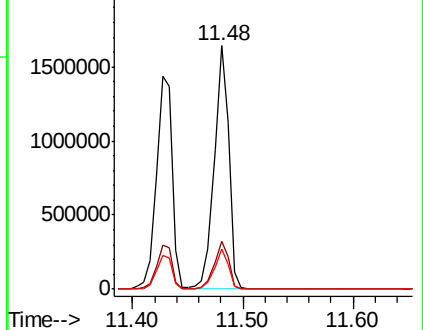
179 16.3 12.7 19.1

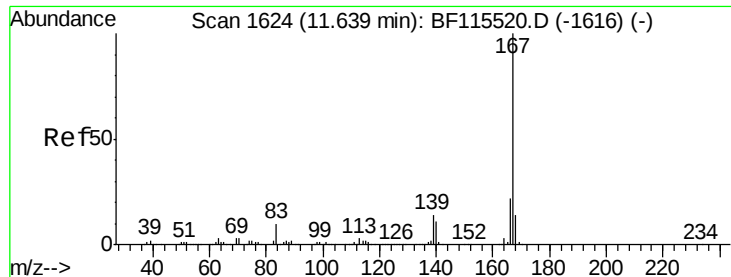


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



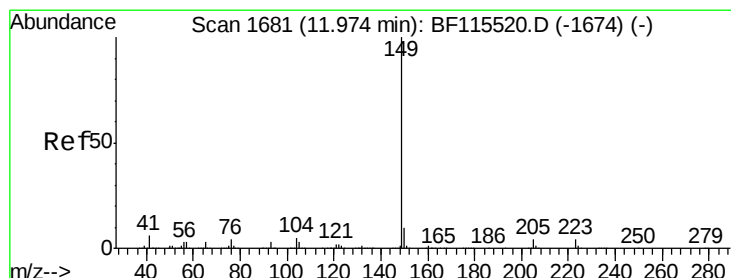
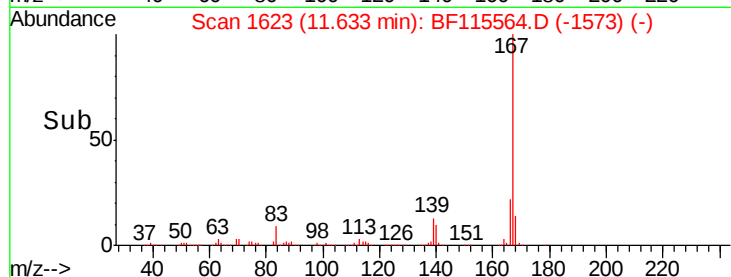
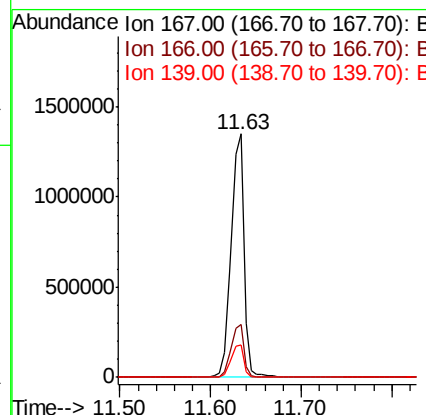
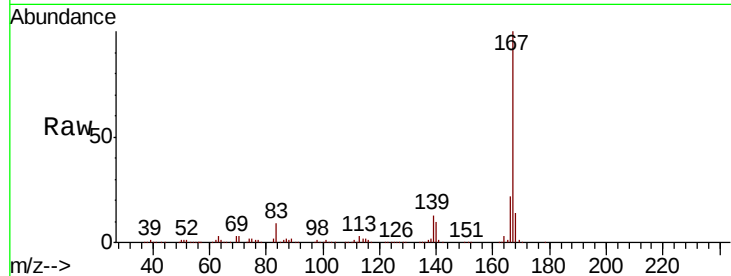


#73
 Carbazole
 Concen: 43.171 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion:167 Resp: 1325192

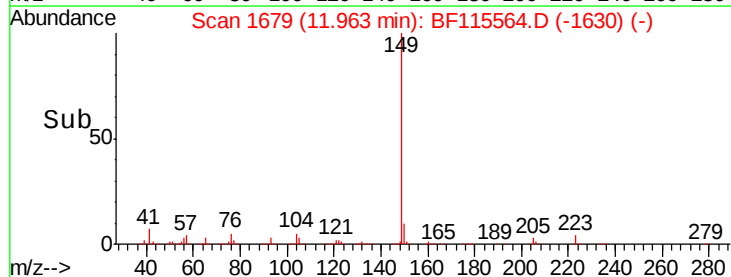
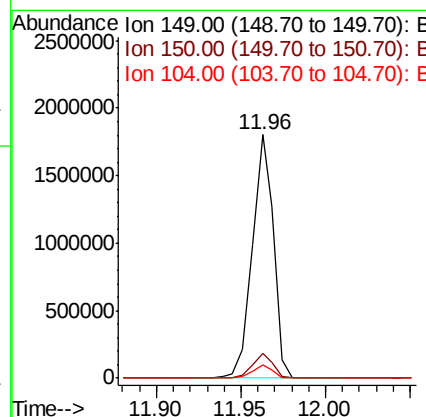
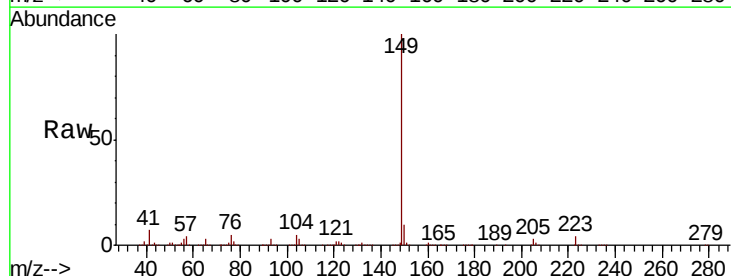
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.3	11.3	16.9

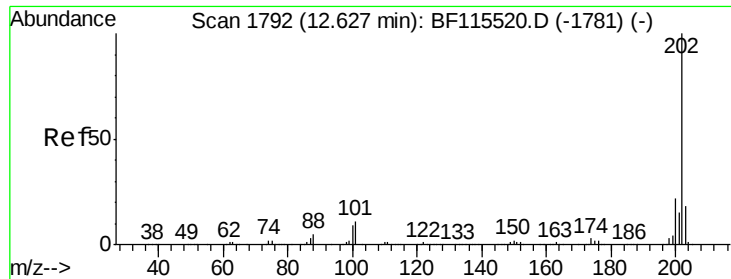


#74
 Di-n-butylphthalate
 Concen: 41.724 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion:149 Resp: 1577604

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	3.8	5.8



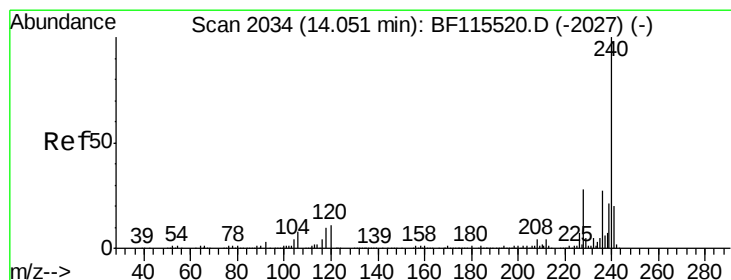
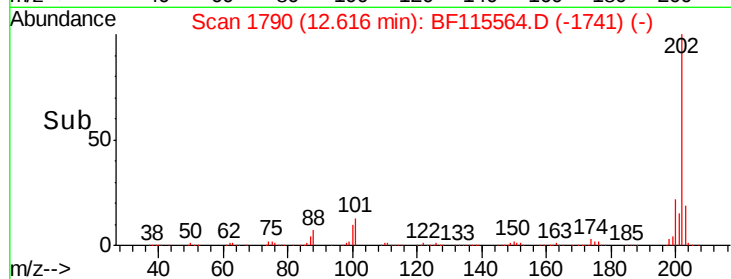
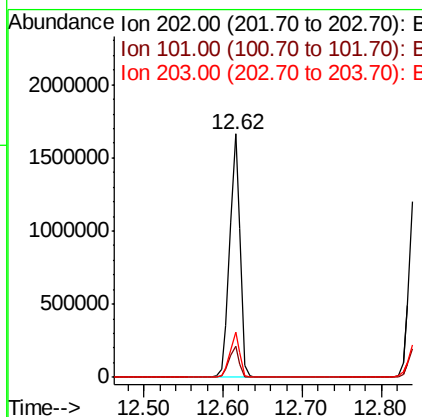
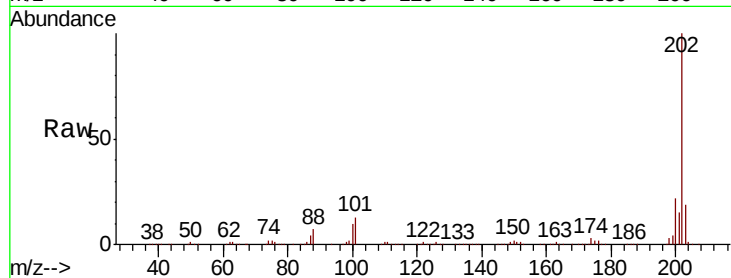


#75
 Fluoranthene
 Concen: 42.296 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 PB121220BS

Tot Ion:202 Resp: 1513877

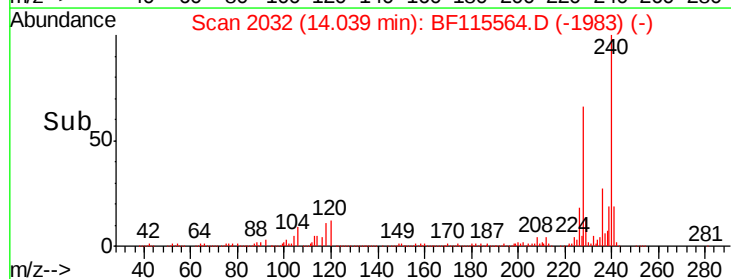
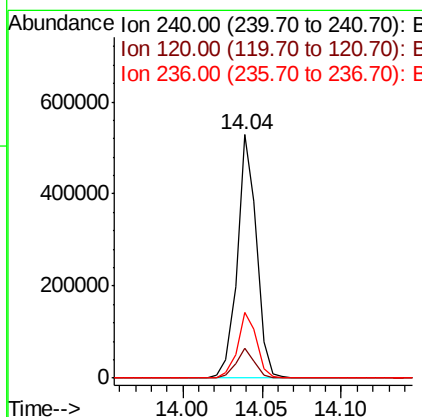
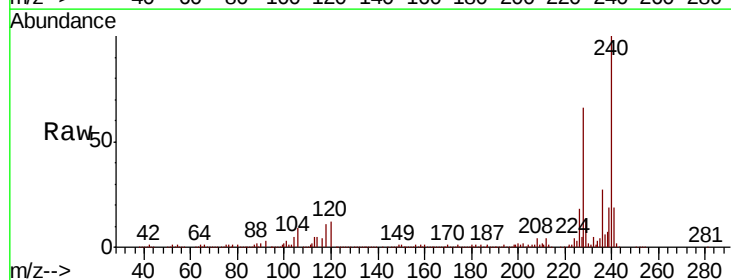
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.4
203	18.6	0.0	38.1

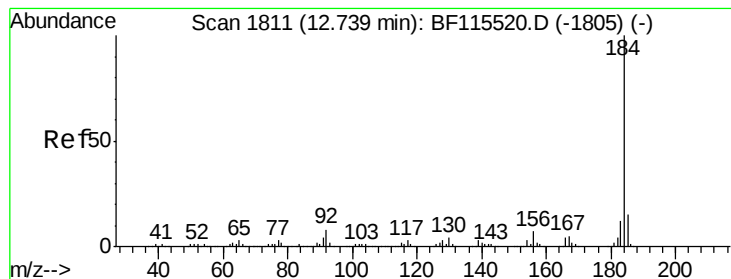


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115564.D
 Acq: 15 Jul 2019 18:46

Tgt Ion:240 Resp: 444127

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.6	13.0
236	27.0	21.3	31.9





#77

Benzidine

Concen: 53.144 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

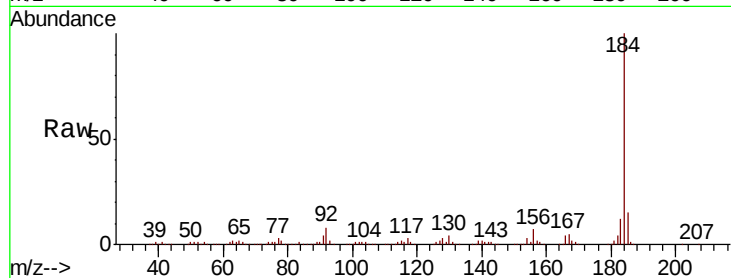
Tot Ion:184 Resp: 836123

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

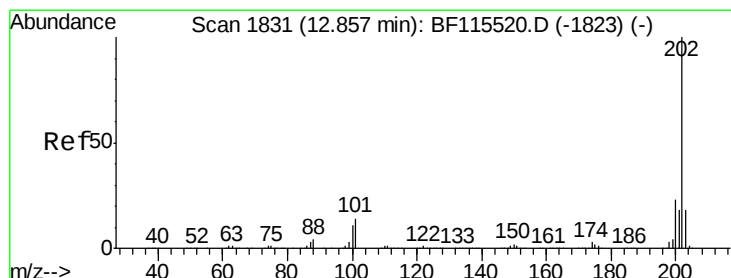
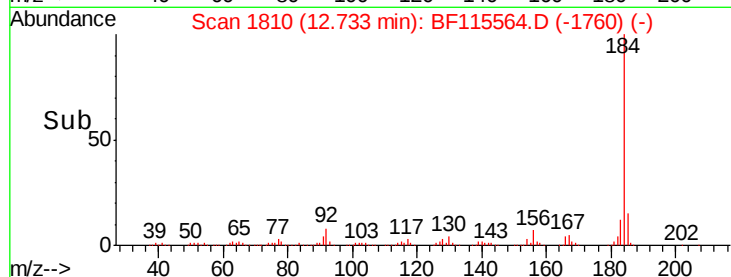
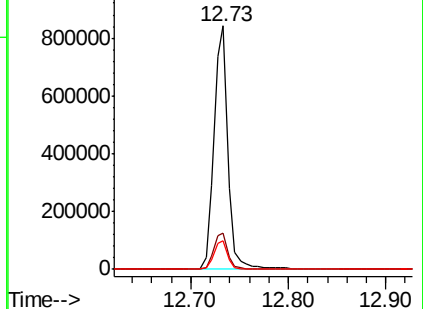
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.677 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

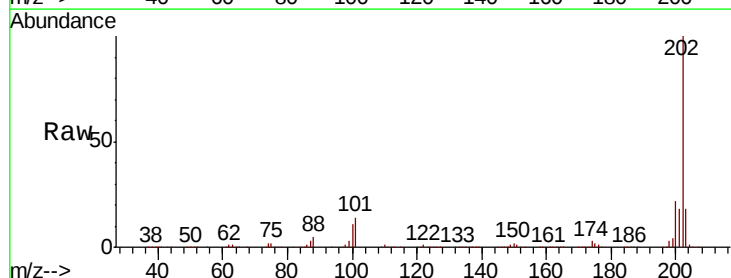
Tgt Ion:202 Resp: 1530600

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

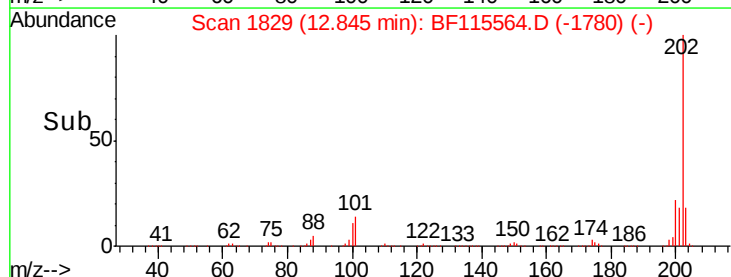
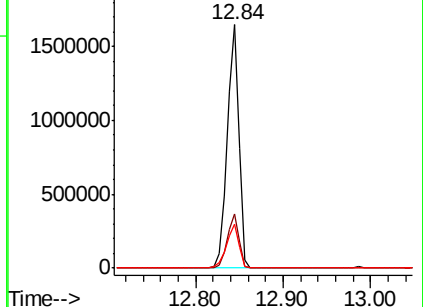
203 17.9 15.2 22.8



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: 81.401 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

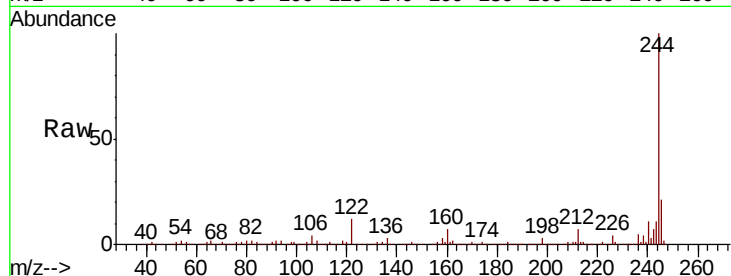
Tot Ion:244 Resp: 1959301

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

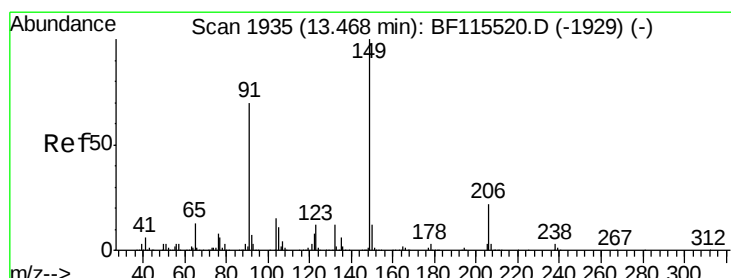
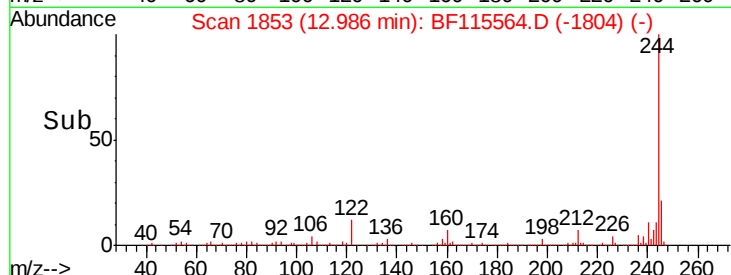
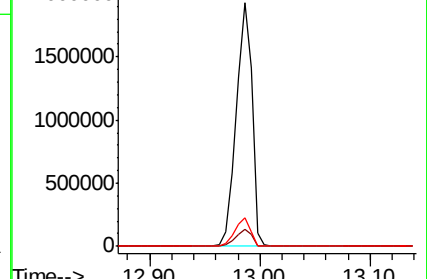
122 11.9 8.6 12.8



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: 41.151 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

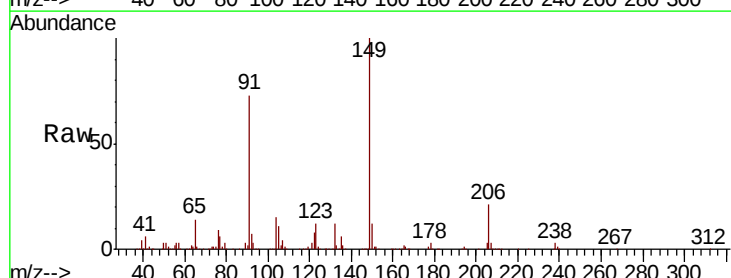
Tgt Ion:149 Resp: 660088

Ion Ratio Lower Upper

149 100

91 72.8 55.8 83.8

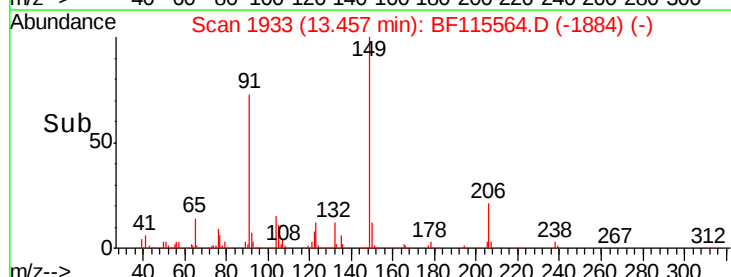
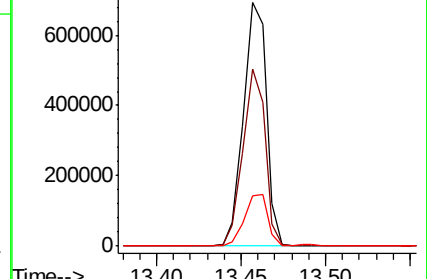
206 20.7 18.2 27.2

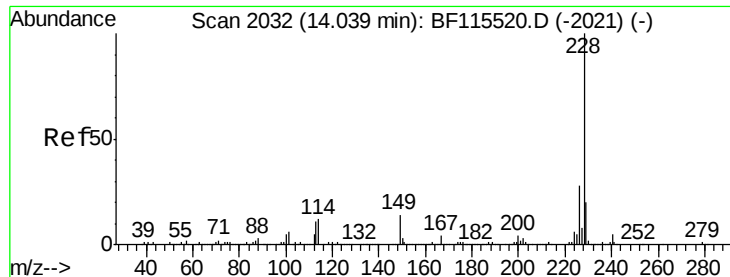


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.063 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

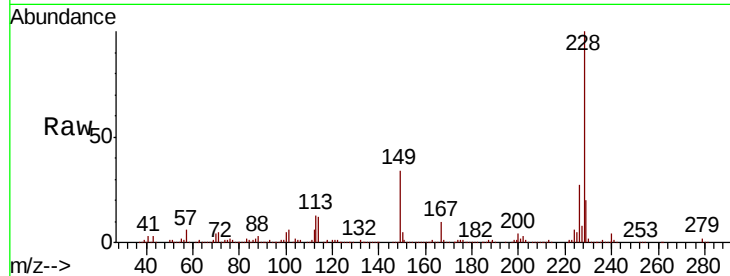
Tot Ion:228 Resp: 1201471

Ion Ratio Lower Upper

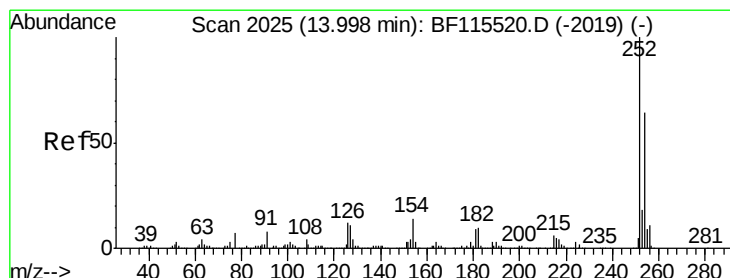
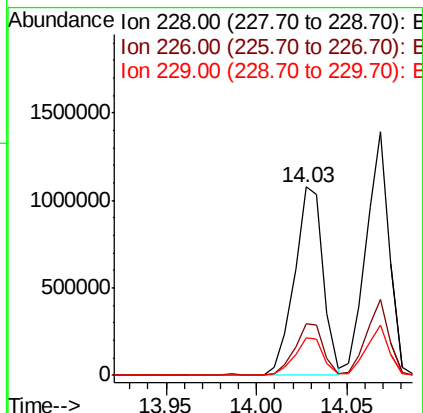
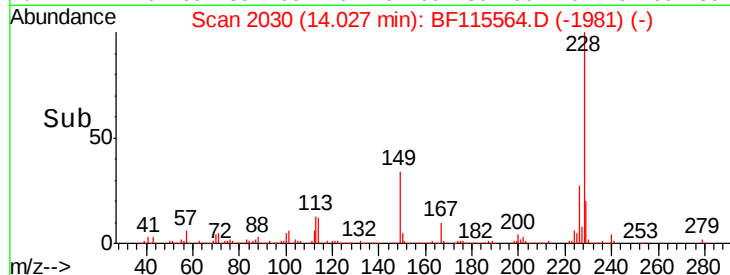
228 100

226 27.5 23.4 35.0

229 20.2 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.366 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

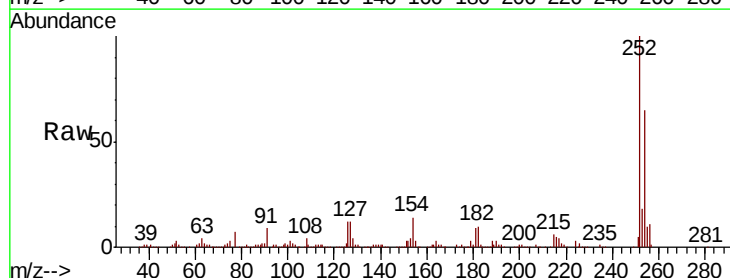
Tgt Ion:252 Resp: 347059

Ion Ratio Lower Upper

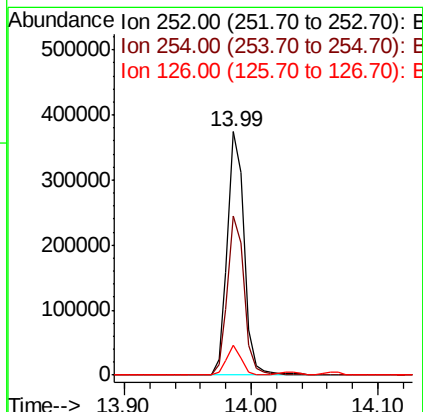
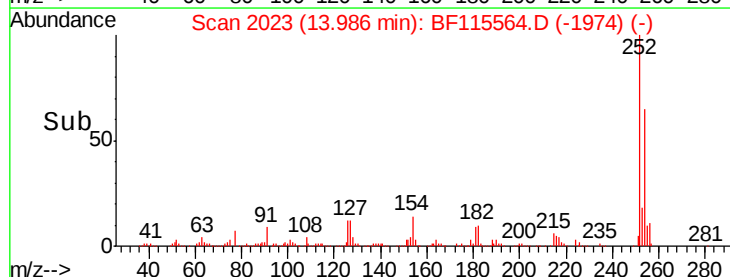
252 100

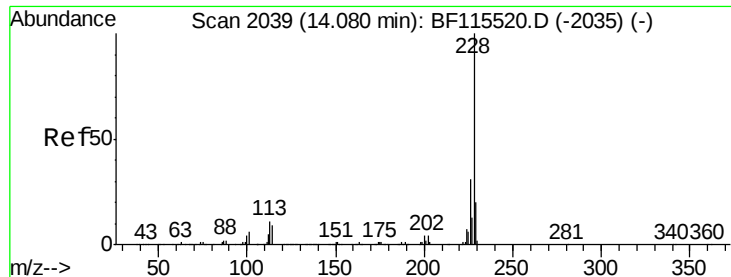
254 65.2 52.9 79.3

126 12.0 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: 42.539 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

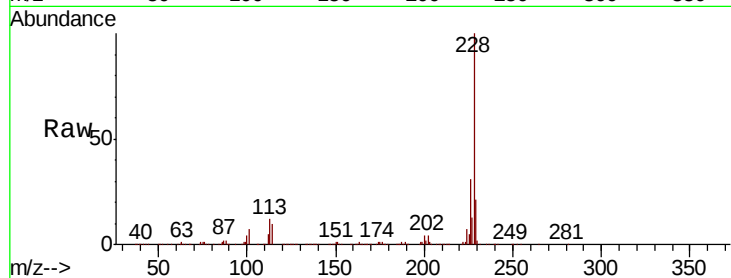
Tot Ion:228 Resp: 1249458

Ion Ratio Lower Upper

228 100

226 31.0 25.7 38.5

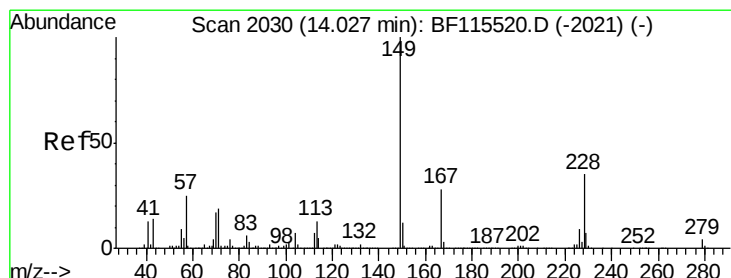
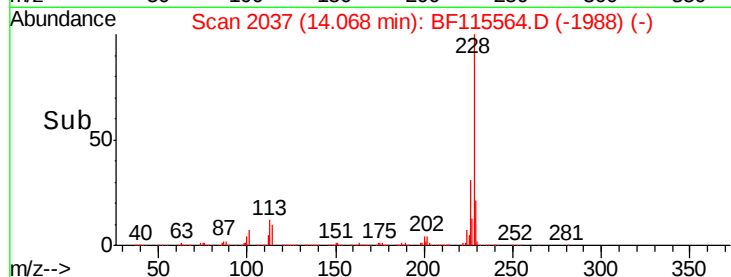
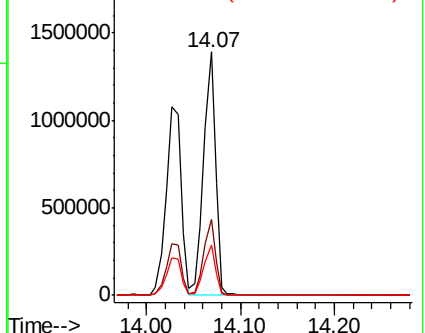
229 20.6 16.6 25.0



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: 41.499 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

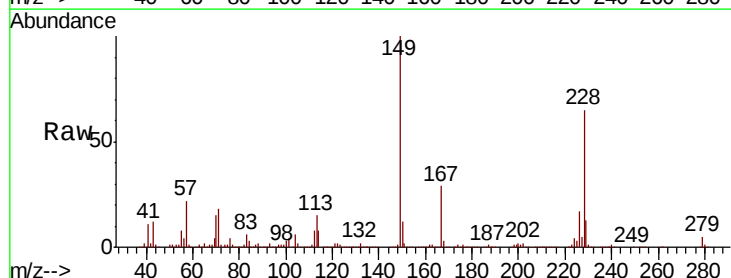
Tgt Ion:149 Resp: 824550

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

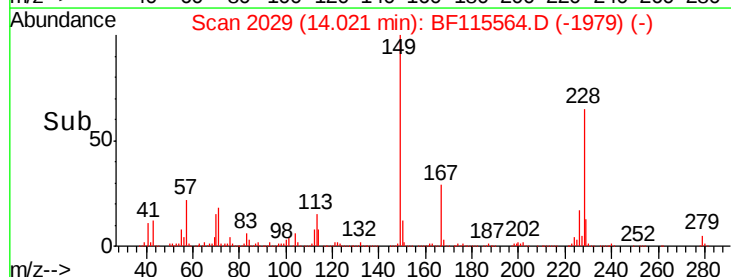
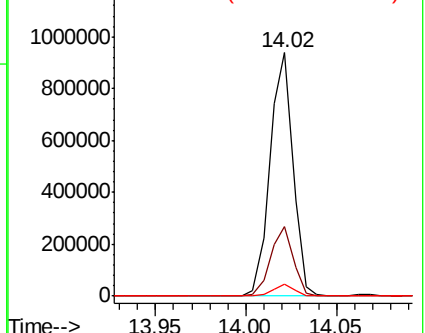
279 4.8 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.968 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

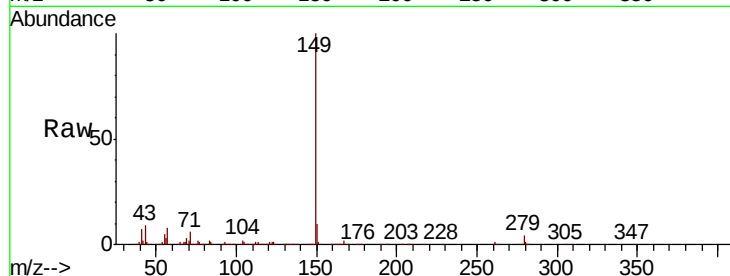
Tot Ion:149 Resp: 1421601

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

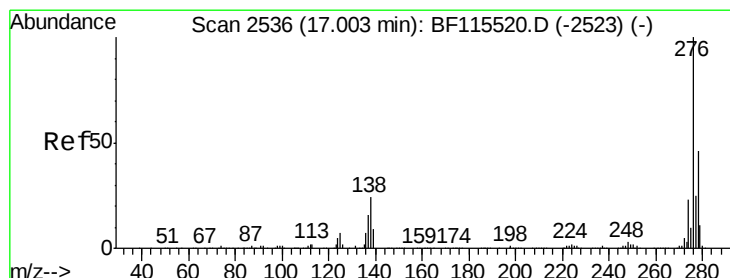
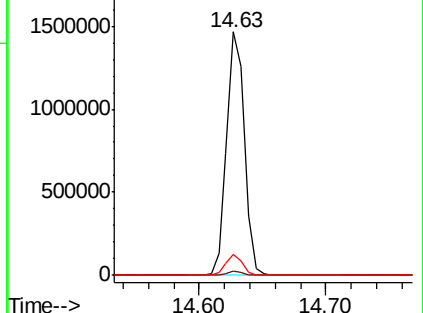
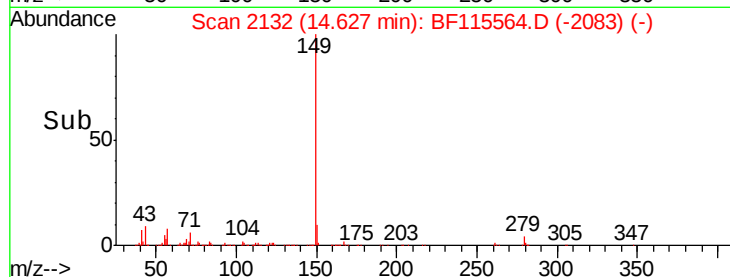
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.589 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

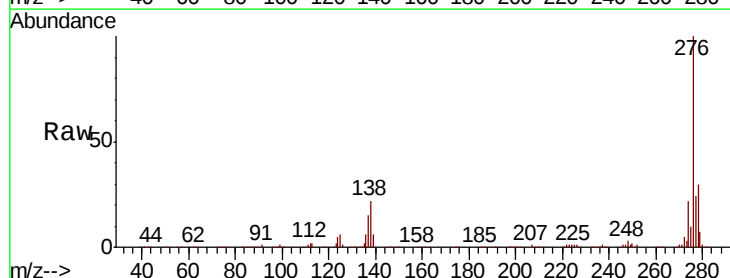
Tgt Ion:276 Resp: 1062777

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

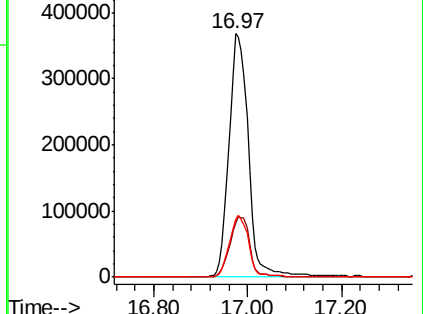
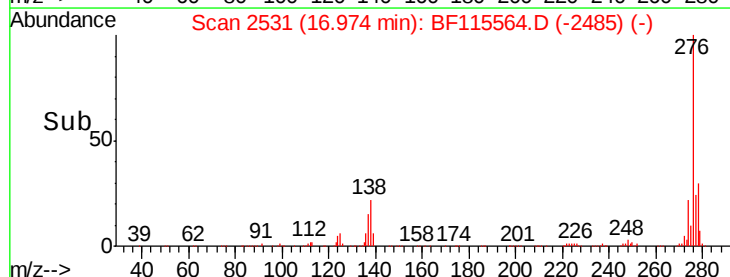
277 25.2 20.4 30.6

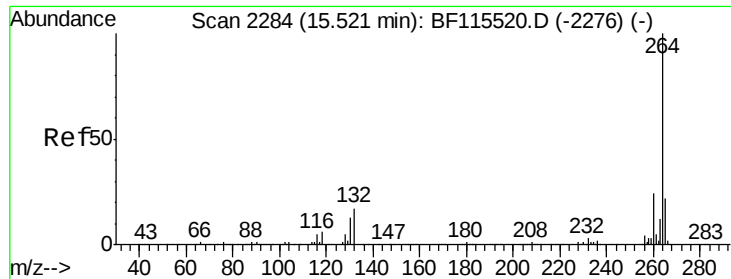


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



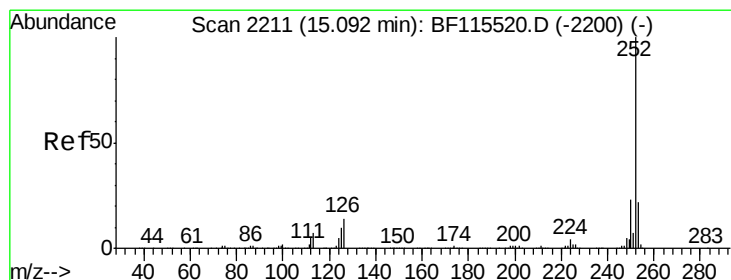
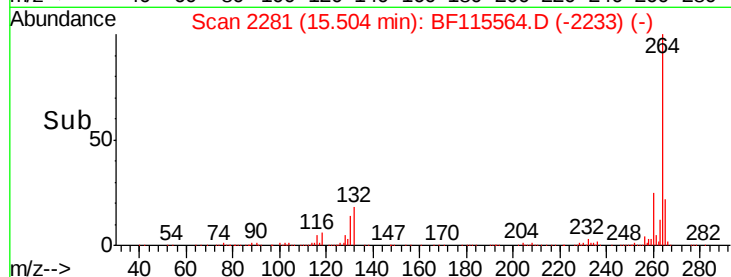
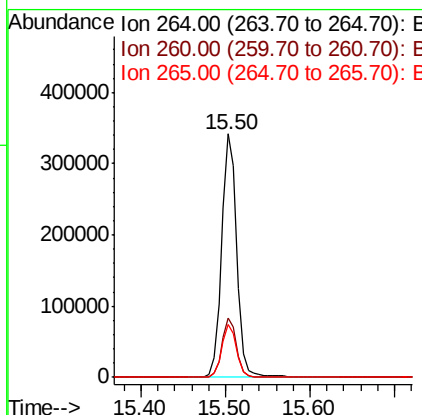
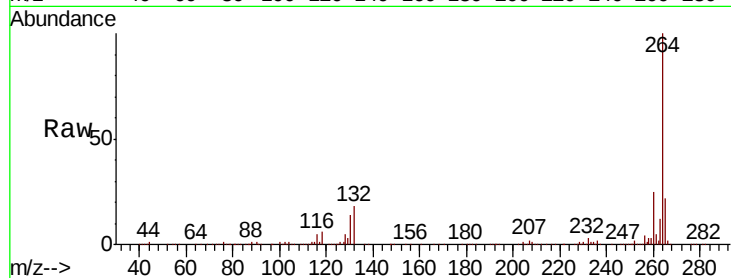


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Instrument :
BNA_F
ClientSampleId :
PB121220BS

Tot Ion:264 Resp: 426378

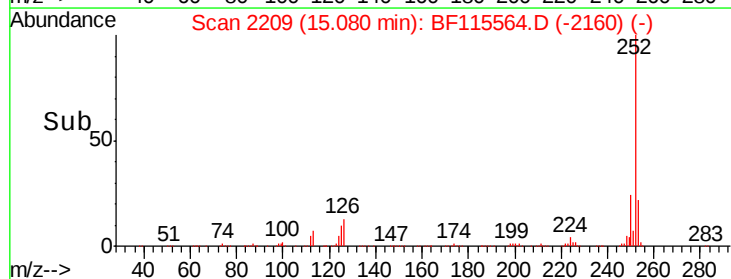
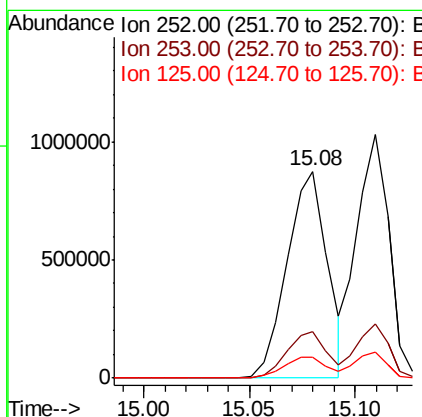
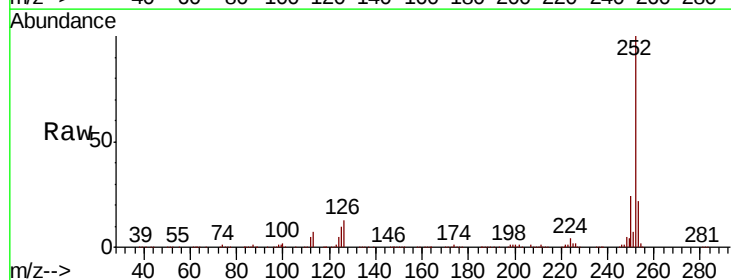
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.9	17.7	26.5

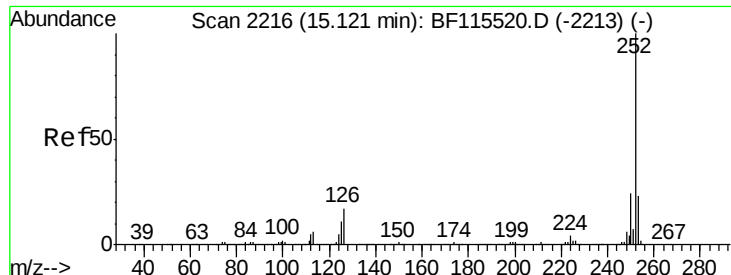


#88
Benzo(b)fluoranthene
Concen: 42.334 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:252 Resp: 1162297

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.1	9.0	13.4

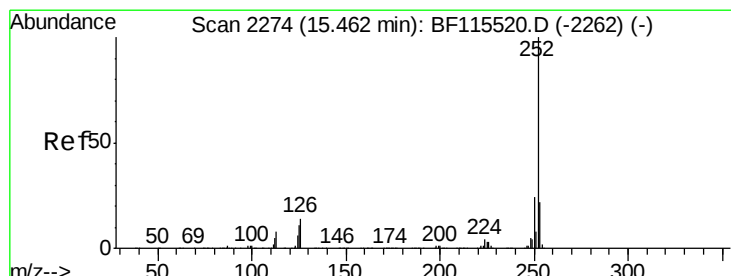
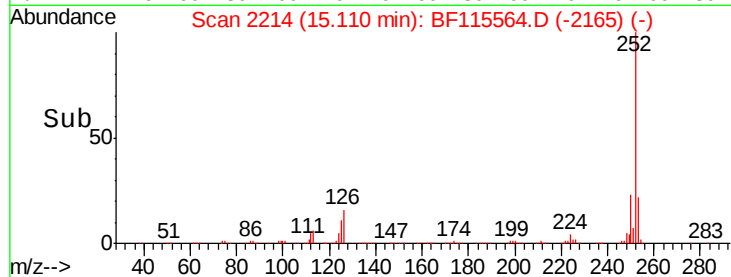
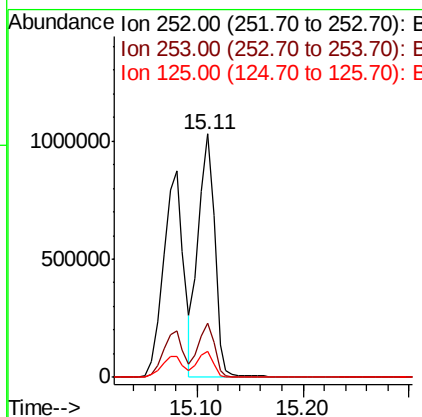
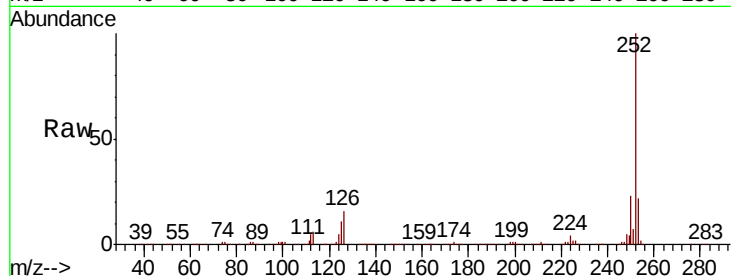




#89
Benzo(k)fluoranthene
Concen: 45.225 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

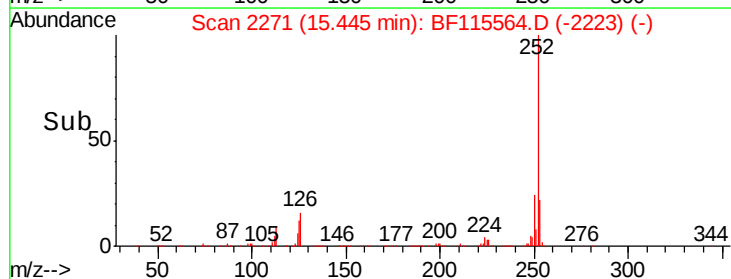
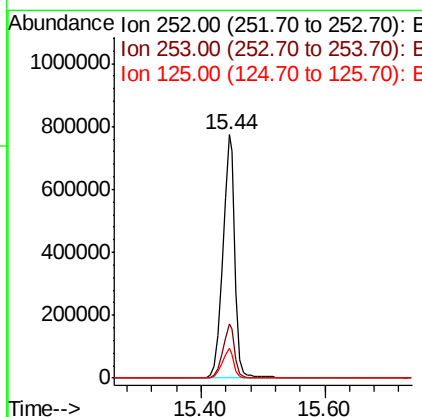
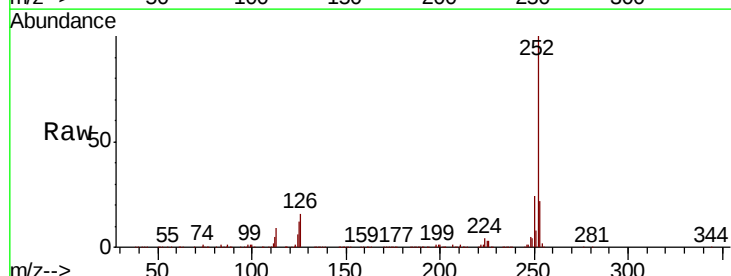
Instrument :
BNA_F
ClientSampleId :
PB121220BS

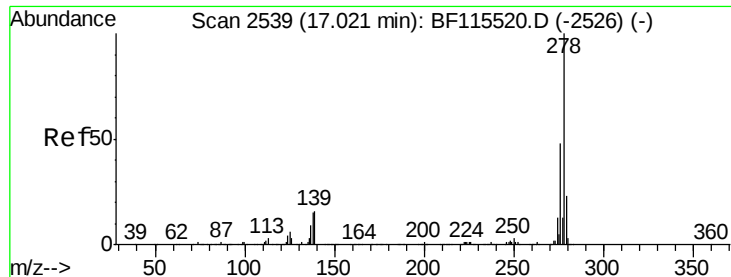
Tot Ion:252 Resp: 1107009
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 10.7 9.0 13.6



#90
Benzo(a)pyrene
Concen: 44.805 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115564.D
Acq: 15 Jul 2019 18:46

Tgt Ion:252 Resp: 1057284
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.2 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 42.844 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

Instrument :

BNA_F

ClientSampleId :

PB121220BS

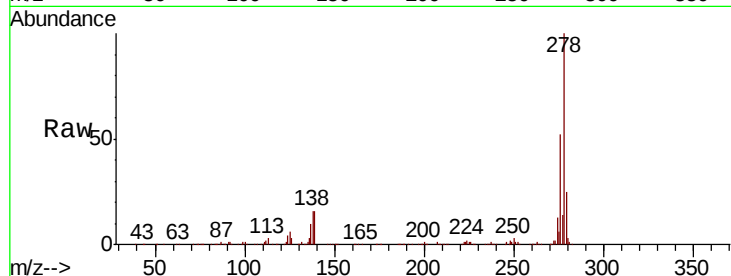
Tot Ion:278 Resp: 887566

Ion Ratio Lower Upper

278 100

139 16.3 13.1 19.7

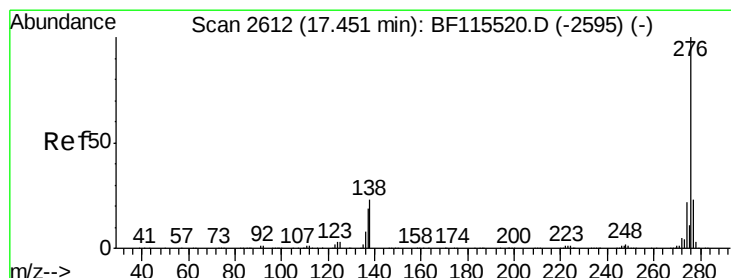
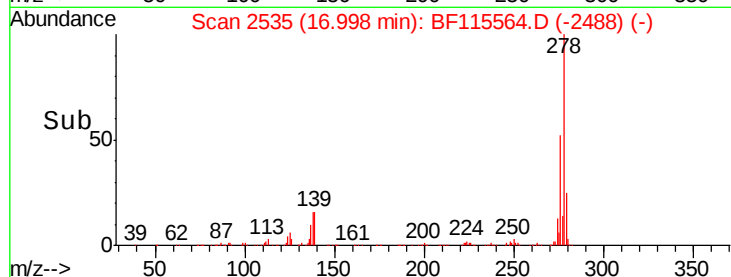
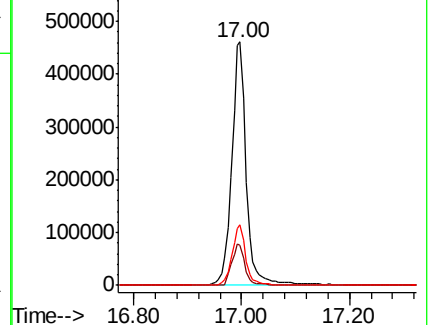
279 24.8 19.6 29.4



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: 38.754 ng

RT: 17.42 min Scan# 2607

Delta R.T. -0.03 min

Lab File: BF115564.D

Acq: 15 Jul 2019 18:46

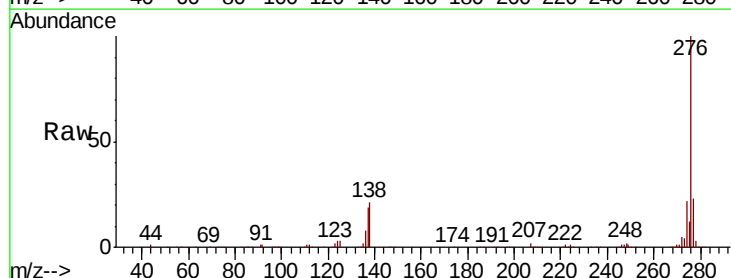
Tgt Ion:276 Resp: 800699

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 21.4 17.2 25.8



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

