

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115760.D
 Acq On : 25 Jul 2019 15:54
 Operator : HP/JU
 Sample : PB121703BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Quant Time: Jul 26 05:46:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186377	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	794630	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	402283	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	755231	20.00	ng	0.00
76) Chrysene-d12	14.04	240	506559	20.00	ng	0.00
87) Perylene-d12	15.50	264	352257	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1282224	112.53	ng	0.02
7) Phenol-d6	6.51	99	1644021	113.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	1068142	78.16	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	502262	106.96	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1924412	83.73	ng	0.00
79) Terphenyl-d14	12.98	244	1995177	72.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	206928	36.408	ng	99
3) Pyridine	3.52	79	447220	29.002	ng	99
4) n-Nitrosodimethylamine	3.46	42	224183	40.074	ng	94
6) Aniline	6.53	93	474841	23.600	ng	95
8) 2-Chlorophenol	6.66	128	523368	39.951	ng	96
9) Benzaldehyde	6.42	77	154380	17.087	ng	94
10) Phenol	6.52	94	644916	38.425	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	500293	39.152	ng	96
12) 1,3-Dichlorobenzene	6.82	146	527272	35.799	ng	99
13) 1,4-Dichlorobenzene	6.89	146	539989	36.745	ng	99
14) 1,2-Dichlorobenzene	7.05	146	502023	37.370	ng	99
15) Benzyl Alcohol	7.02	79	453471	39.538	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	693981	41.251	ng	97
17) 2-Methylphenol	7.13	107	463977	41.098	ng	99
18) Hexachloroethane	7.39	117	202259	37.080	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	368581	39.089	ng	98
20) 3+4-Methylphenols	7.28	107	524263	39.095	ng	91
22) Acetophenone	7.28	105	720505	40.135	ng	98
24) Nitrobenzene	7.45	77	585818	39.744	ng	94
25) Isophorone	7.70	82	1087793	39.779	ng	99
26) 2-Nitrophenol	7.77	139	301371	39.723	ng	99
27) 2,4-Dimethylphenol	7.81	122	504034	44.401	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	662450	39.488	ng	99
29) 2,4-Dichlorophenol	8.02	162	475077	40.241	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	506766	37.974	ng	99
31) Naphthalene	8.17	128	1541099	40.045	ng	100
32) Benzoic acid	7.95	122	354816	38.086	ng	100
33) 4-Chloroaniline	8.22	127	443885	26.040	ng	99
34) Hexachlorobutadiene	8.30	225	285017	37.244	ng	99
35) Caprolactam	8.60	113	94059	25.783	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	494961	40.417	ng	96
37) 2-Methylnaphthalene	8.87	142	1051393	41.215	ng	99
38) 1-Methylnaphthalene	8.97	142	986219	40.702	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	478613	39.509	ng	99

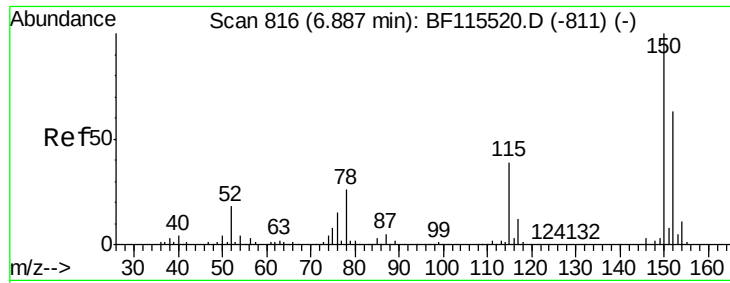
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
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Quant Time: Jul 26 05:46:26 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	285591	41.328	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	332132	37.491	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	346592	38.202	nq	96
46) 1,1'-Biphenyl	9.33	154	1281732	40.755	nq	99
47) 2-Chloronaphthalene	9.36	162	1007992	38.492	nq	99
48) 2-Nitroaniline	9.45	65	314994	38.863	nq	99
49) Acenaphthylene	9.77	152	1497956	38.604	nq	100
50) Dimethylphthalate	9.63	163	1200366	39.660	nq	100
51) 2,6-Dinitrotoluene	9.69	165	267516	38.893	nq	98
52) Acenaphthene	9.95	154	914337	36.498	nq	99
53) 3-Nitroaniline	9.86	138	231070	29.398	nq	100
54) 2,4-Dinitrophenol	9.97	184	274228	77.654	nq	98
55) Dibenzofuran	10.12	168	1358382	38.182	nq	100
56) 4-Nitrophenol	10.03	139	407233	67.942	nq	98
57) 2,4-Dinitrotoluene	10.10	165	349219	39.189	nq	96
58) Fluorene	10.46	166	1012274	39.802	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	300774	39.658	nq	99
60) Diethylphthalate	10.33	149	1128586	39.797	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	525326	37.247	nq	97
62) 4-Nitroaniline	10.48	138	270990	35.942	nq	99
63) Azobenzene	10.61	77	1143135	41.558	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	177789	38.531	nq	93
66) n-Nitrosodiphenylamine	10.57	169	937718	39.916	nq	100
67) 4-Bromophenyl-phenylether	10.94	248	330433	38.287	nq	98
68) Hexachlorobenzene	11.02	284	368592	37.398	nq	97
69) Atrazine	11.09	200	240563	31.214	nq	100
70) Pentachlorophenol	11.20	266	406133	67.372	nq	99
71) Phenanthrene	11.42	178	1506470	38.914	nq	99
72) Anthracene	11.47	178	1514849	37.864	nq	99
73) Carbazole	11.63	167	1361732	38.814	nq	99
74) Di-n-butylphthalate	11.95	149	1734966	40.147	nq	100
75) Fluoranthene	12.61	202	1558529	38.098	nq	98
77) Benzidine	12.72	184	219132	12.211	nq	98
78) Pyrene	12.84	202	1571746	36.622	nq	100
80) Butylbenzylphthalate	13.45	149	741800	40.545	nq	93
81) Benzo(a)anthracene	14.03	228	1290690	38.676	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	412021	34.730	nq	# 98
83) Chrysene	14.06	228	1264394	37.742	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1010604	44.594	nq	99
85) Di-n-octyl phthalate	14.62	149	1644822	45.616	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1094204	38.444	nq	99
88) Benzo(b)fluoranthene	15.07	252	1252918	55.237	nq	99
89) Benzo(k)fluoranthene	15.11	252	1069931	52.907	nq	99
90) Benzo(a)pyrene	15.44	252	1070426	54.907	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	932920	54.509	nq	99
92) Benzo(g,h,i)perylene	17.43	276	886448	51.933	nq	97

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

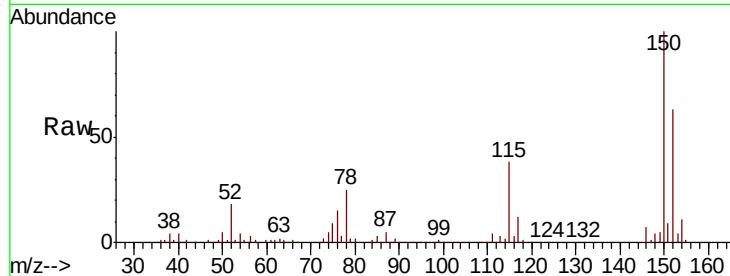


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	59.5	47.8	71.6

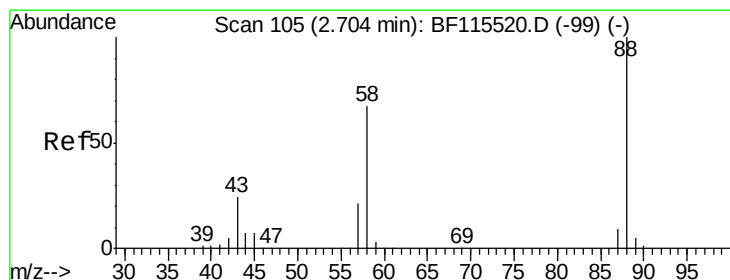
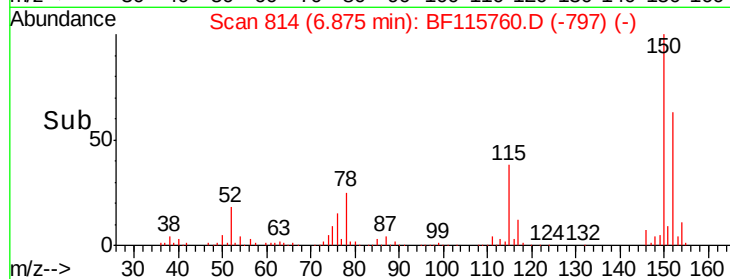
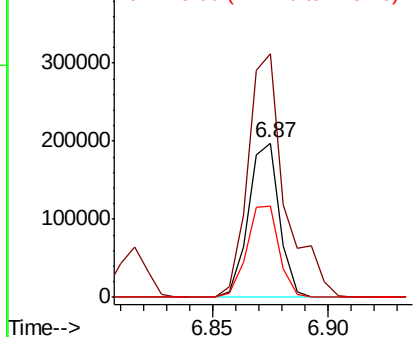


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

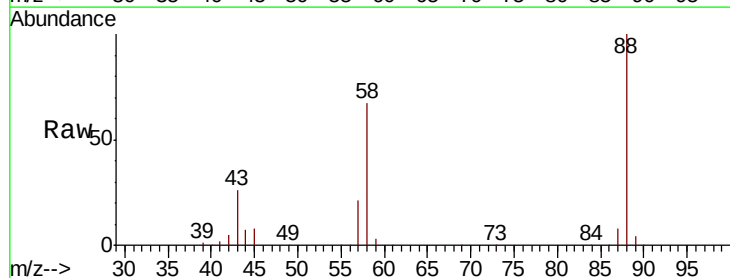
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 36.408 ng
 RT: 2.77 min Scan# 116
 Delta R.T. 0.12 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	54.2	81.4
43	25.8	20.8	31.2

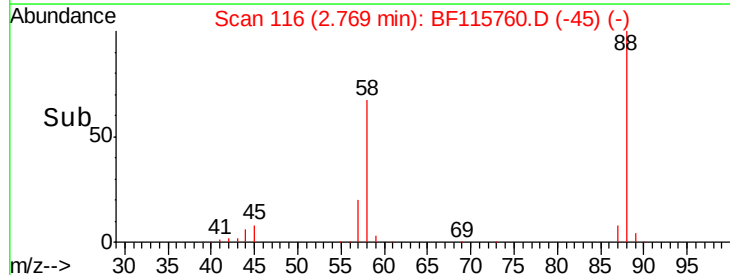
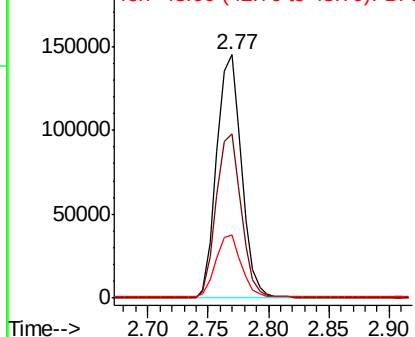


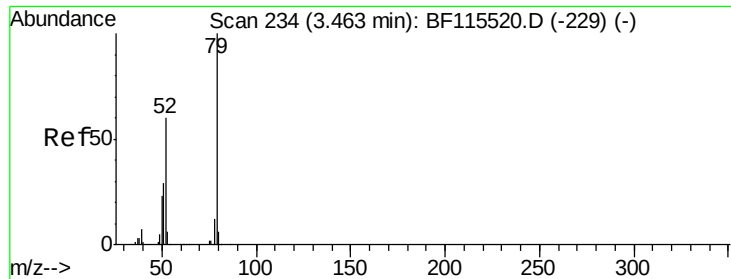
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.002 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.10 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

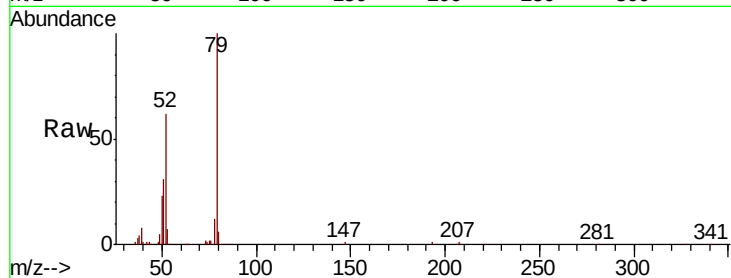
Tot Ion: 79 Resp: 447220

Ion Ratio Lower Upper

79 100

52 62.0 48.4 72.6

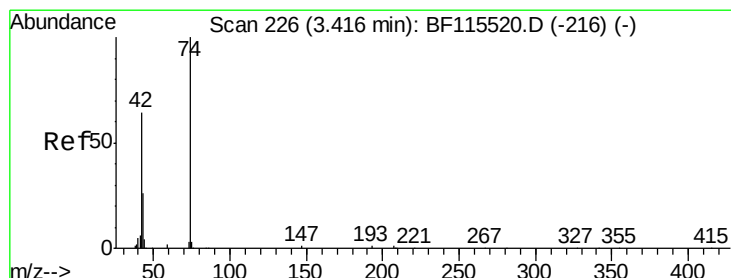
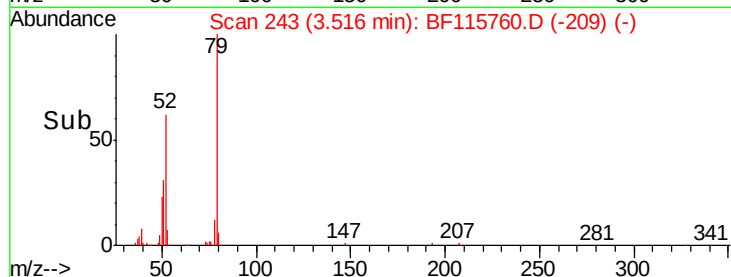
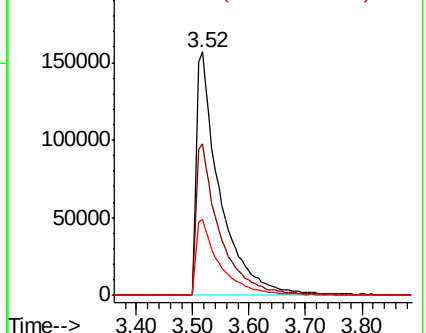
51 31.2 24.8 37.2



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: 40.074 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.09 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

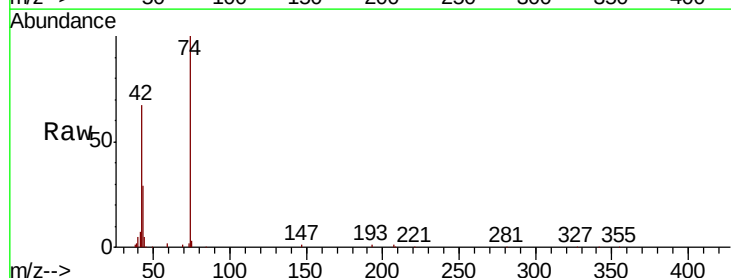
Tgt Ion: 42 Resp: 224183

Ion Ratio Lower Upper

42 100

74 148.9 113.4 170.0

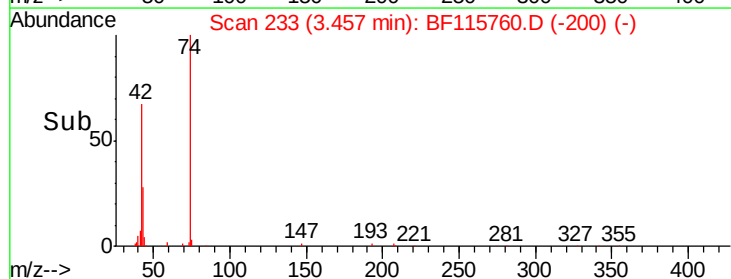
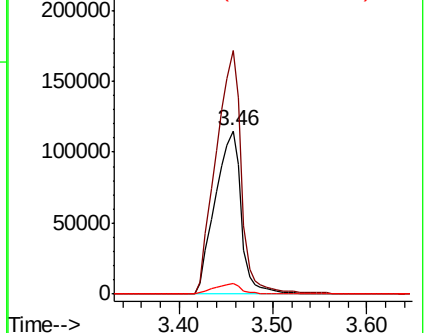
44 6.8 5.1 7.7

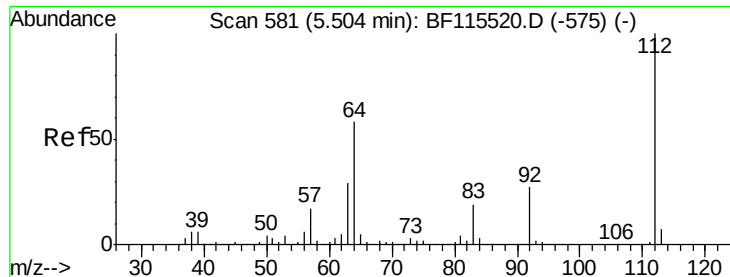


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.532 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

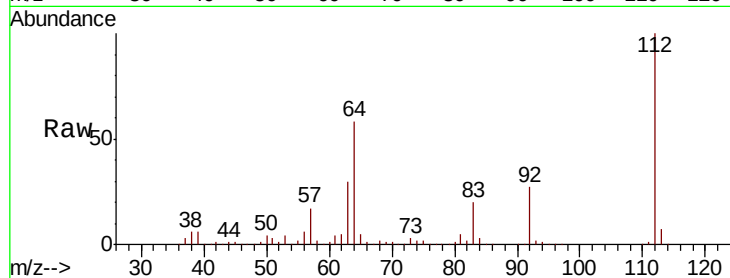
Tot Ion:112 Resp: 1282224

Ion Ratio Lower Upper

112 100

64 58.2 45.8 68.8

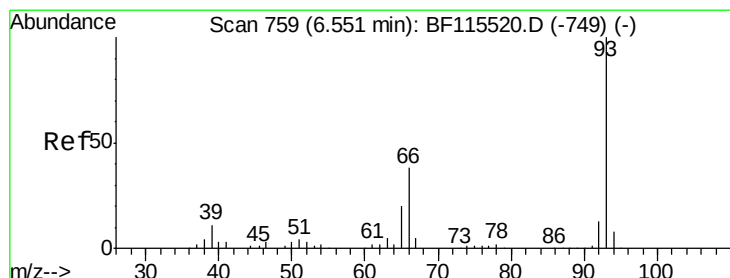
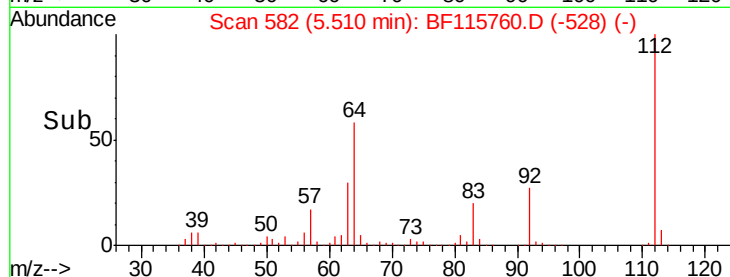
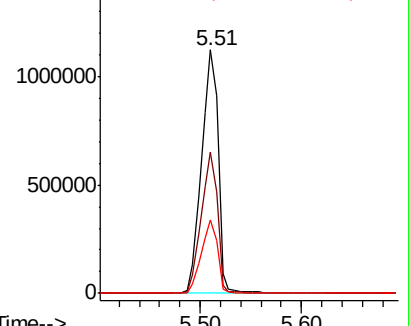
63 30.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

1500000 Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.600 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

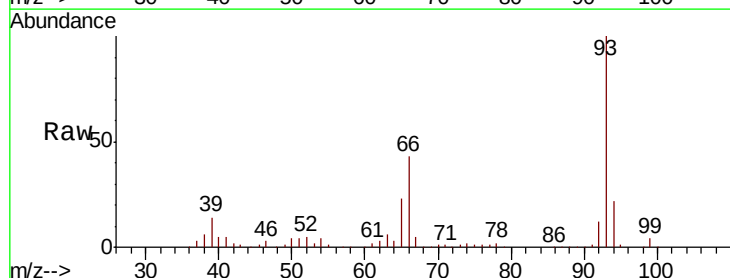
Tgt Ion: 93 Resp: 474841

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

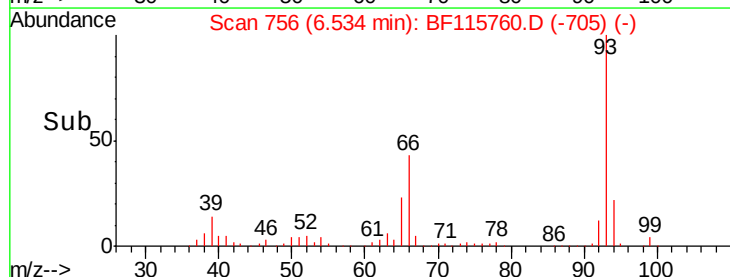
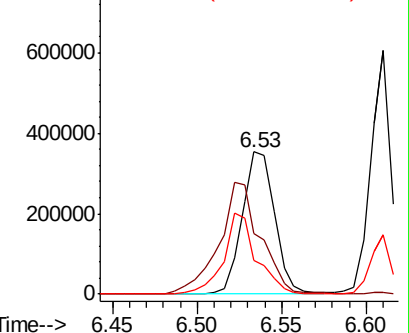
65 23.5 16.5 24.7

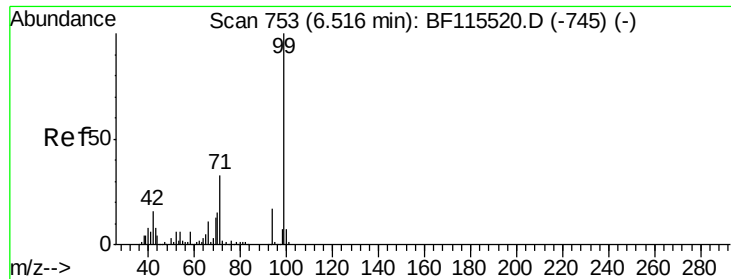


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.710 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

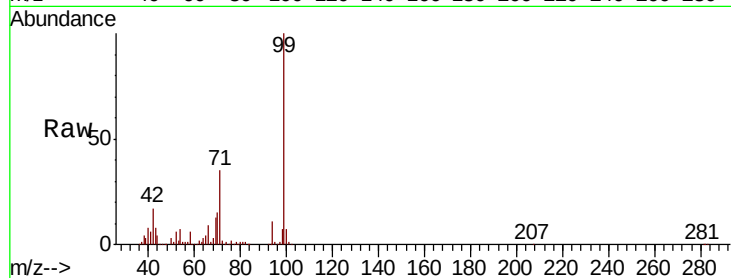
BNA_F

ClientSampleId :

PB121703BS

Tot Ion: 99 Resp: 1644021

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.4	20.2
71	34.7	26.7	40.1

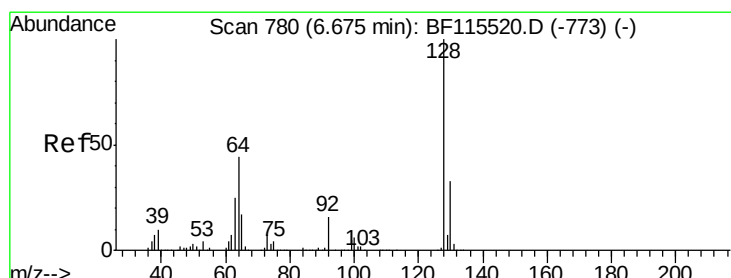
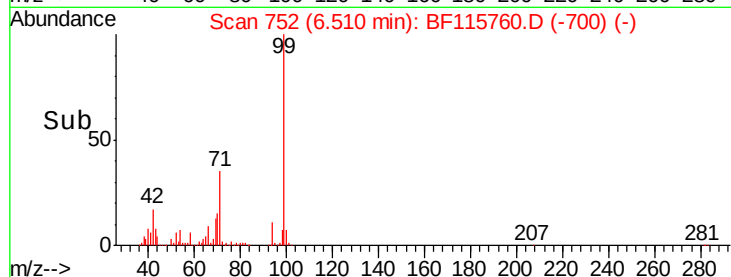


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.951 ng

RT: 6.66 min Scan# 778

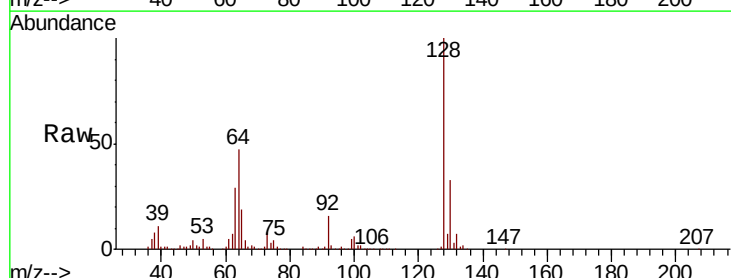
Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Tgt Ion:128 Resp: 523368

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.8	53.8
64	46.7	22.4	62.4

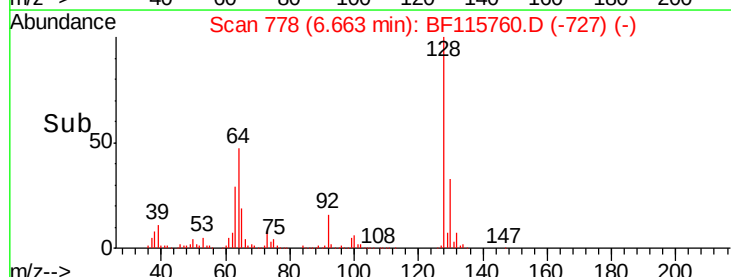


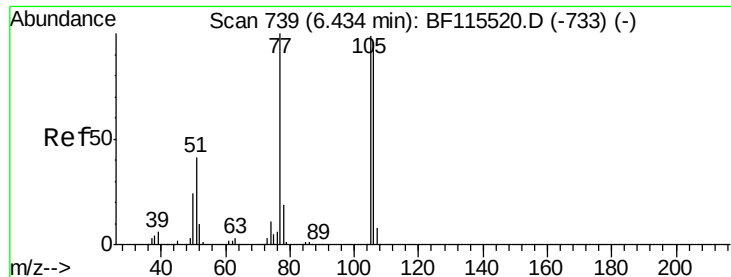
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.087 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

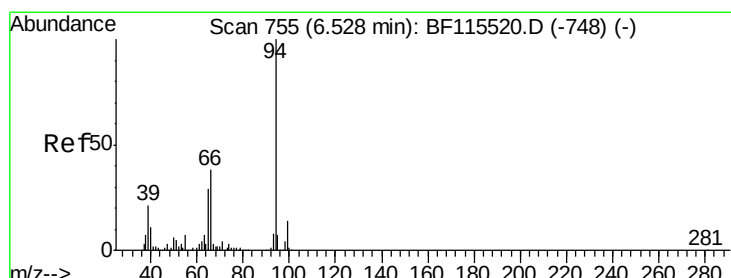
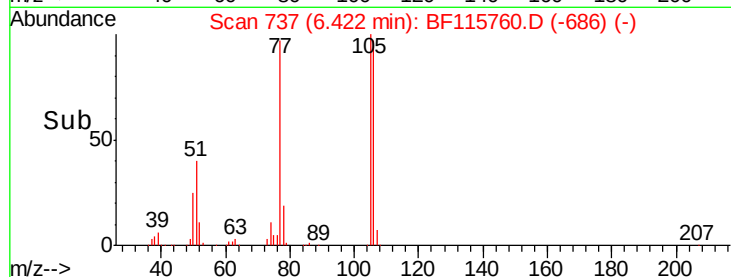
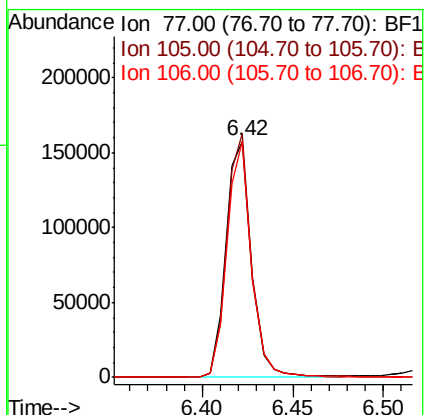
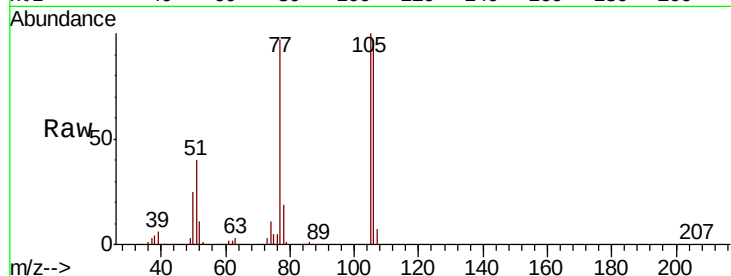
Tot Ion: 77 Resp: 154380

Ion Ratio Lower Upper

77 100

105 103.2 77.5 117.5

106 100.2 74.7 114.7



#10

Phenol

Concen: 38.425 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

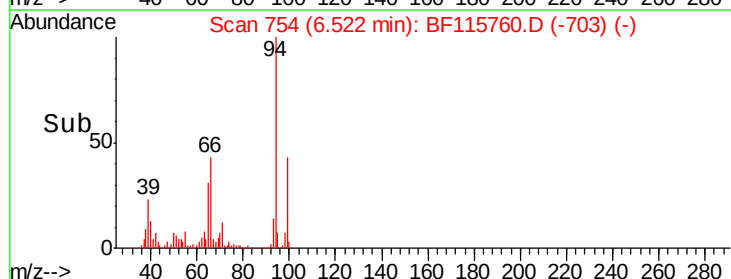
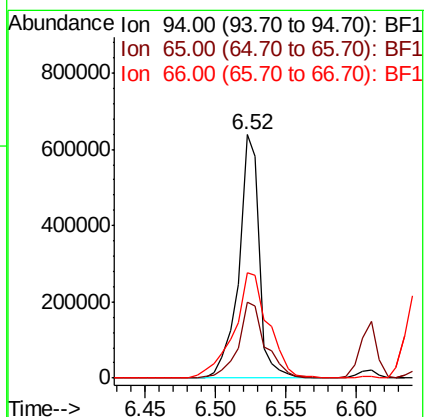
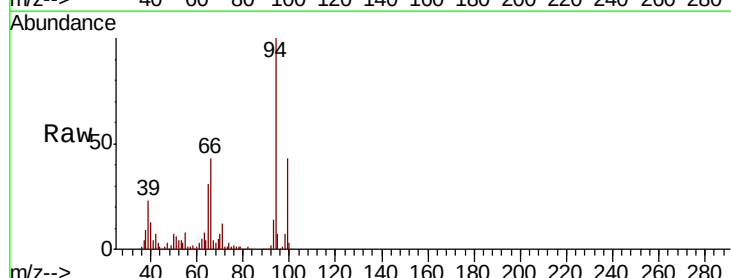
Tgt Ion: 94 Resp: 644916

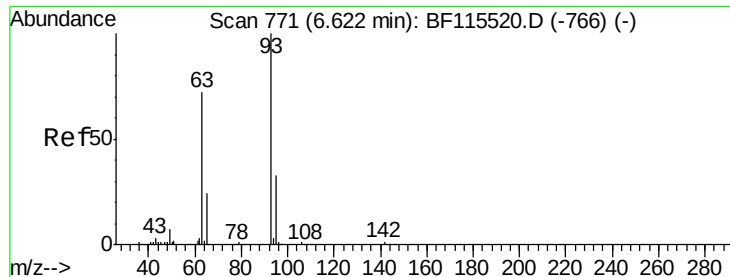
Ion Ratio Lower Upper

94 100

65 31.4 11.2 51.2

66 43.5 24.4 64.4

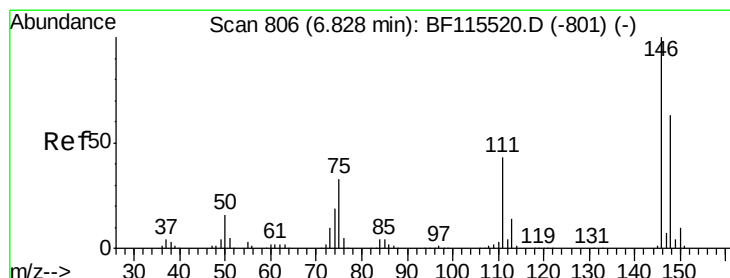
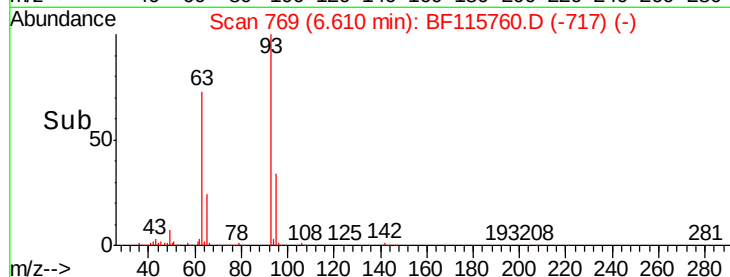
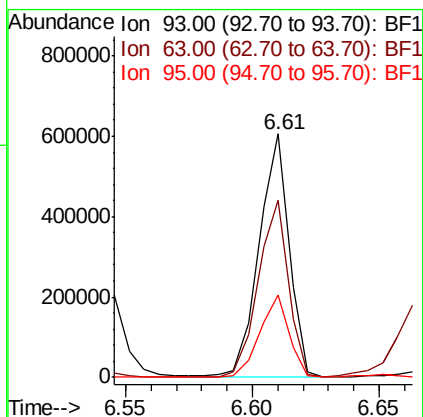
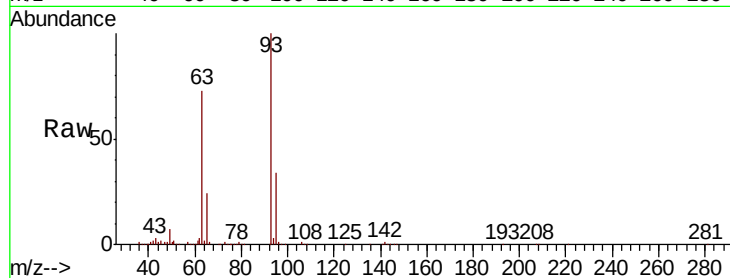




#11
 bis(2-Chloroethyl)ether
 Concen: 39.152 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

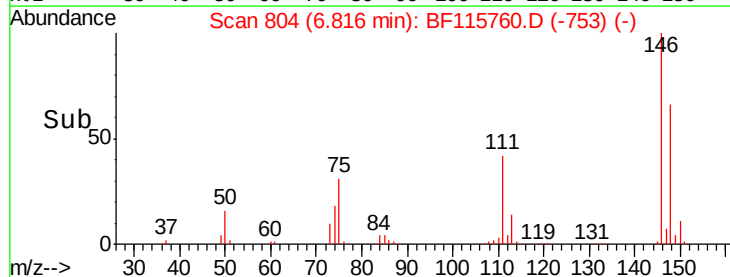
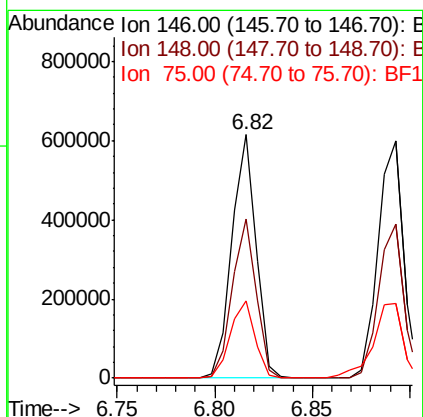
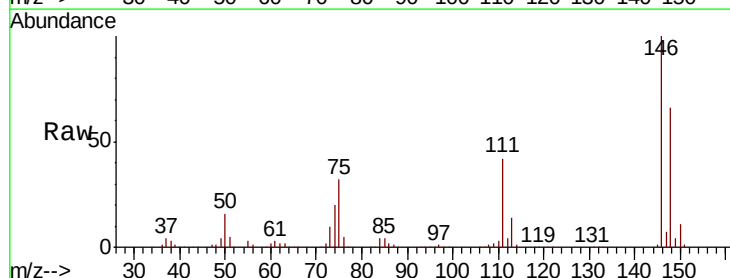
Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

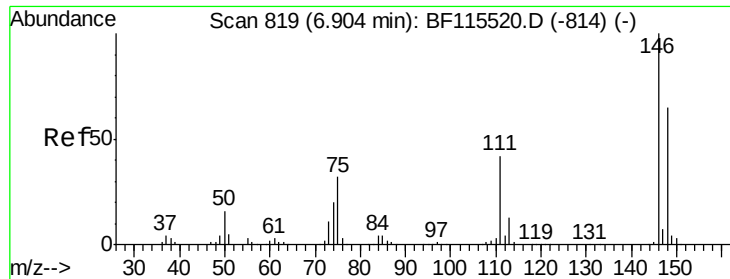
Tot Ion: 93 Resp: 500293
 Ion Ratio Lower Upper
 93 100
 63 72.5 56.2 96.2
 95 33.6 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 35.799 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion: 146 Resp: 527272
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 75 32.0 25.3 37.9

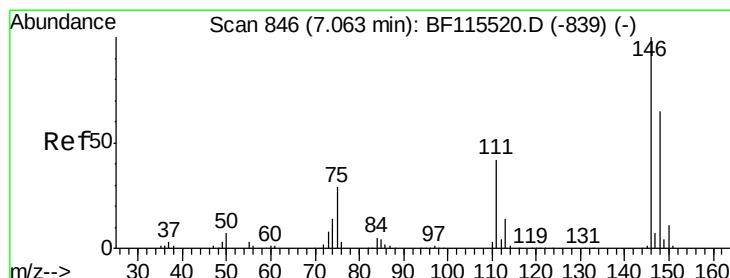
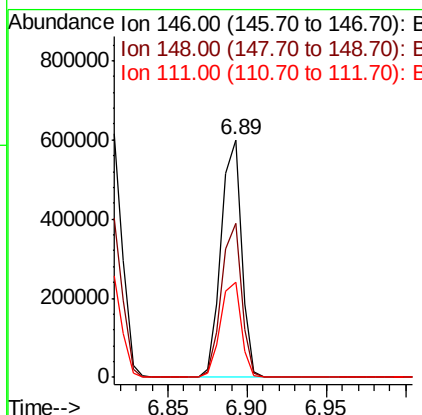
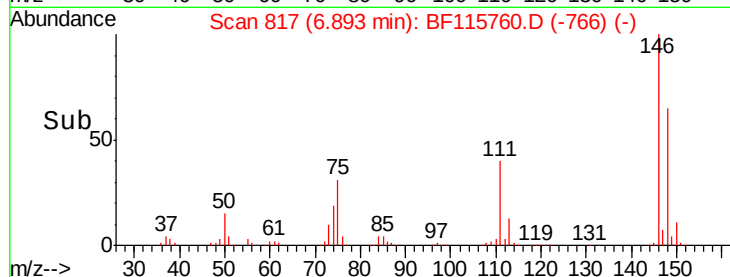
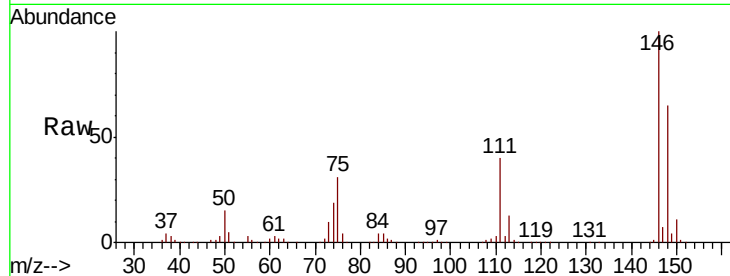




#13
 1,4-Dichlorobenzene
 Concen: 36.745 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

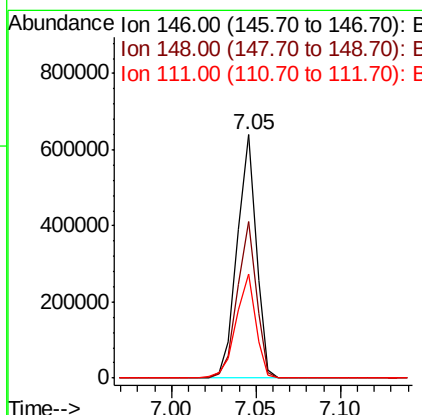
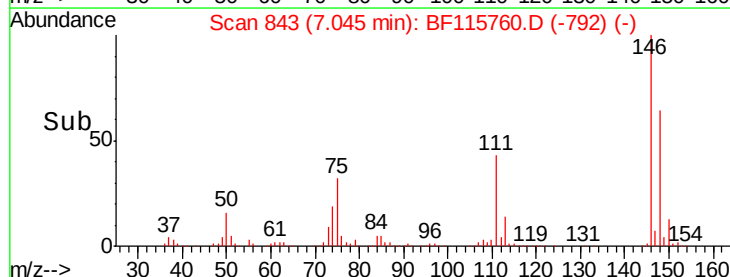
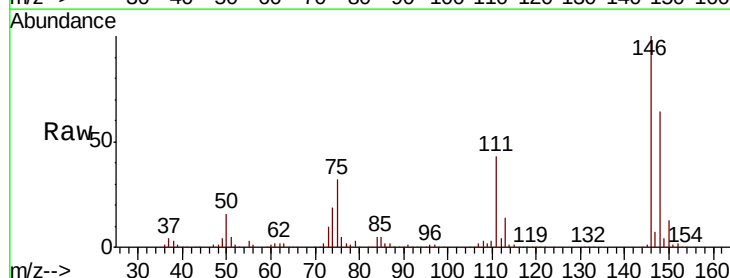
Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

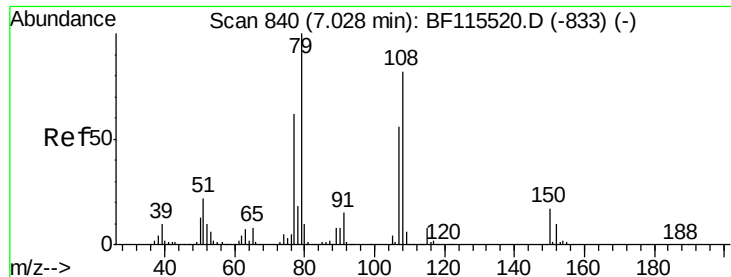
Tot Ion:146 Resp: 539989
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.7 79.1
 111 40.0 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 37.370 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion:146 Resp: 502023
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 111 42.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.538 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

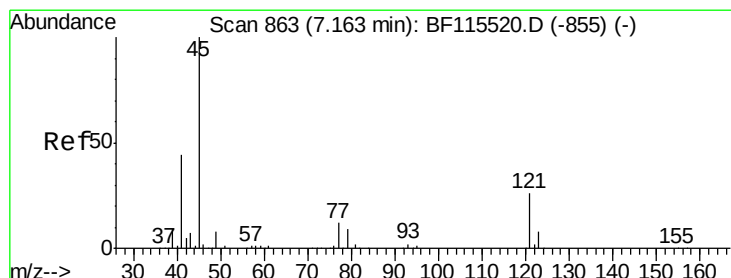
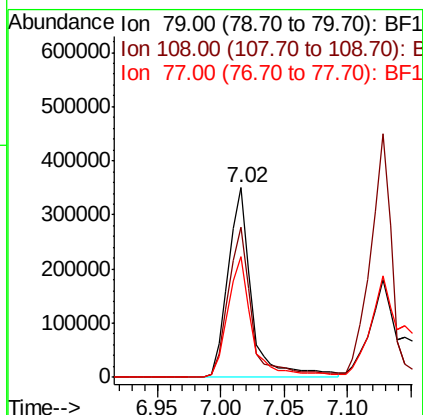
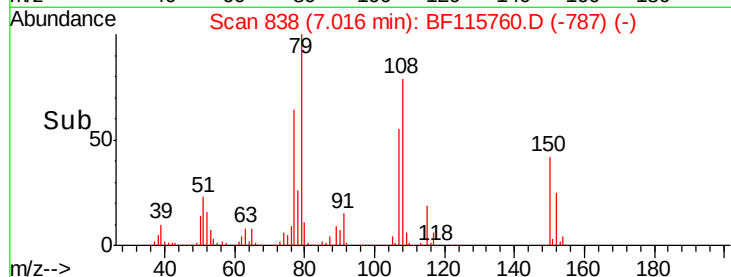
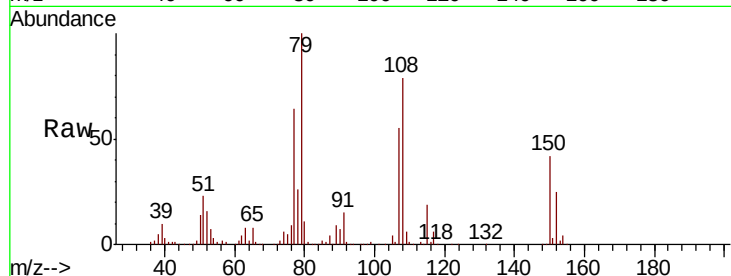
Tot Ion: 79 Resp: 453471

Ion Ratio Lower Upper

79 100

108 79.0 65.4 98.2

77 63.7 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.251 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

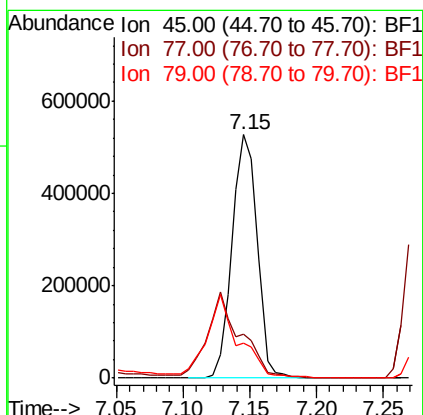
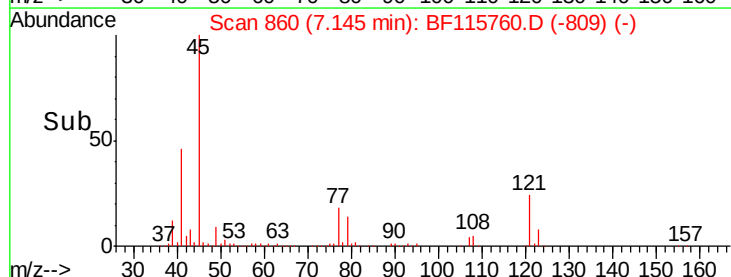
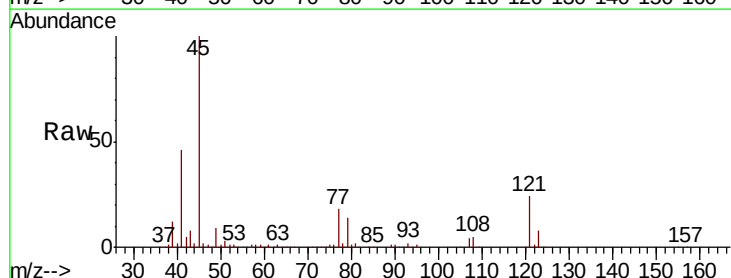
Tgt Ion: 45 Resp: 693981

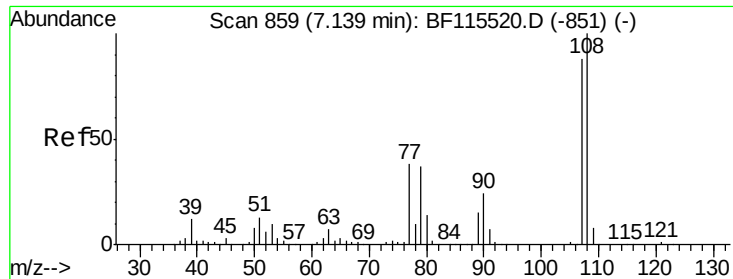
Ion Ratio Lower Upper

45 100

77 18.1 0.0 36.8

79 14.1 0.0 33.1

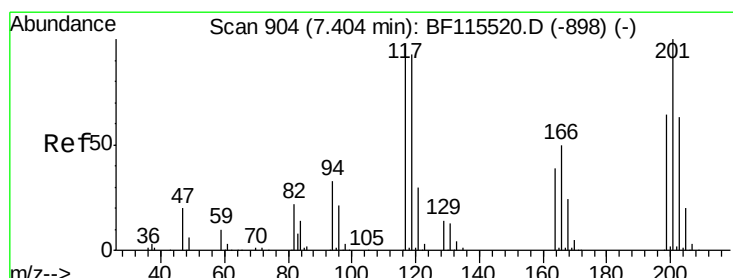
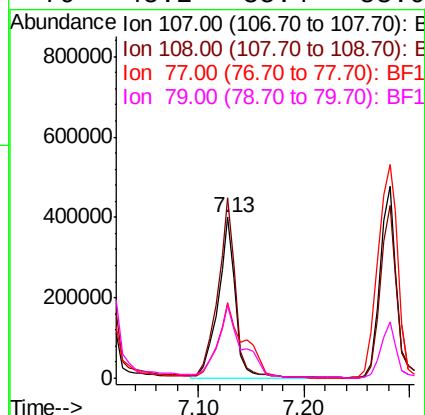
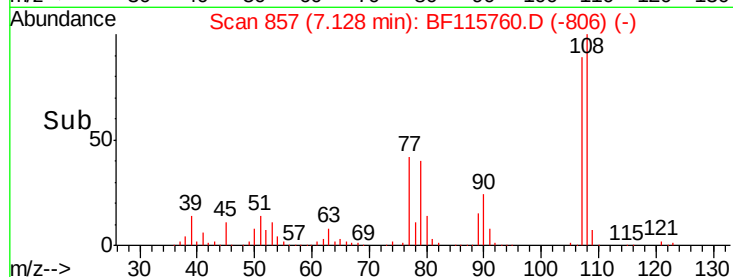
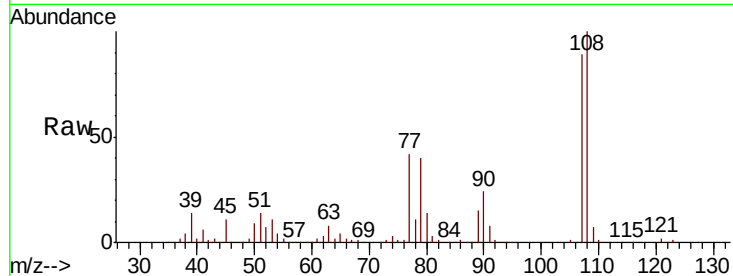




#17
2-Methylphenol
Concen: 41.098 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

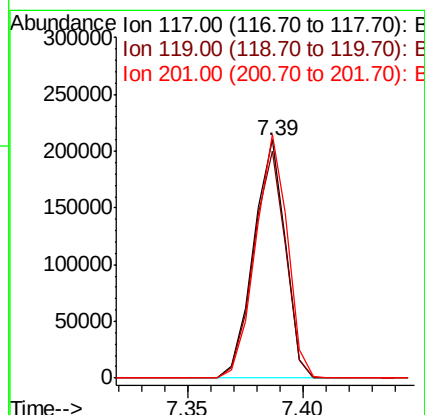
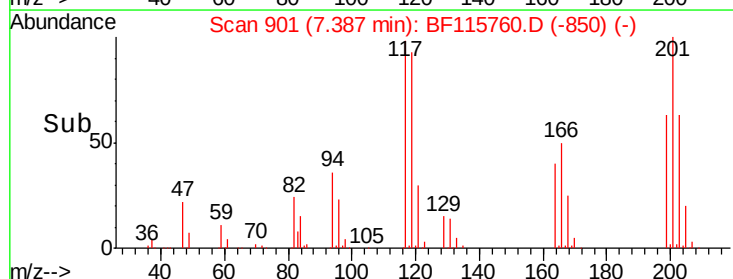
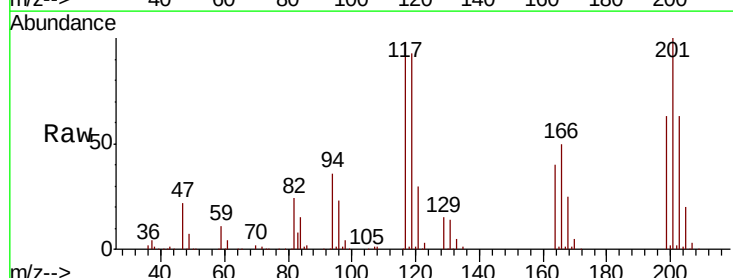
Instrument :
BNA_F
ClientSampleId :
PB121703BS

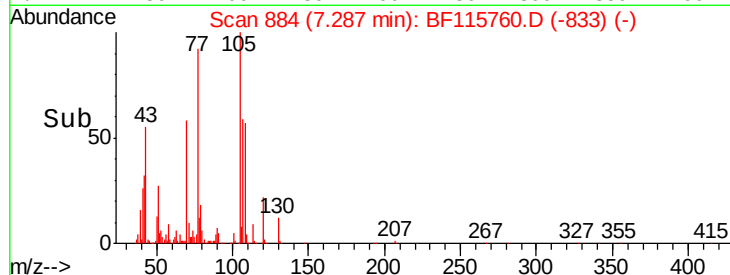
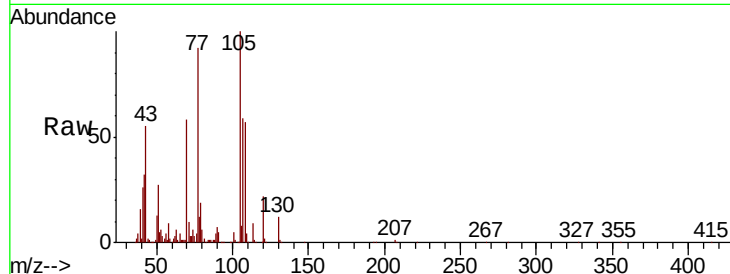
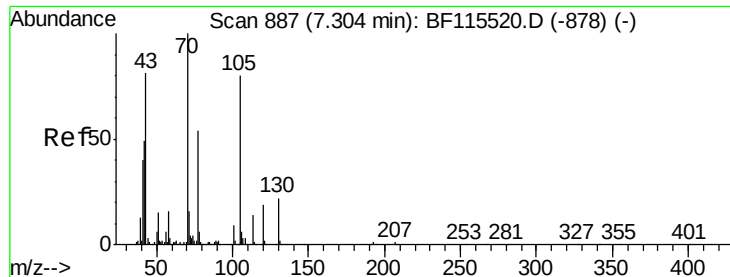
Tot Ion:	107	Resp:	463977
Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.3	136.9
77	46.8	36.9	55.3
79	45.2	35.4	53.0



#18
Hexachloroethane
Concen: 37.080 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:	117	Resp:	202259
Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.8	112.2
201	102.3	77.6	116.4

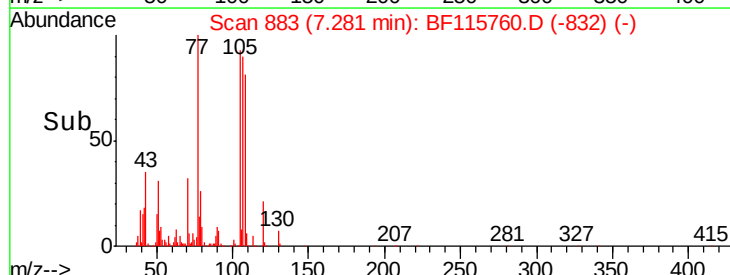
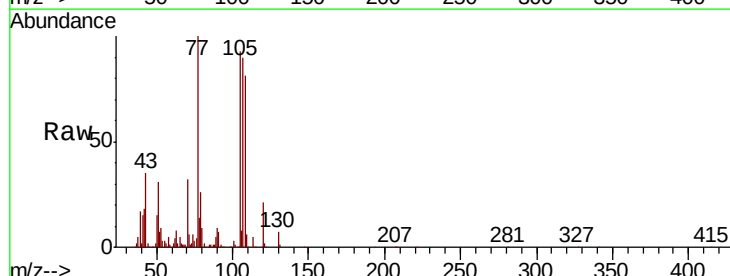
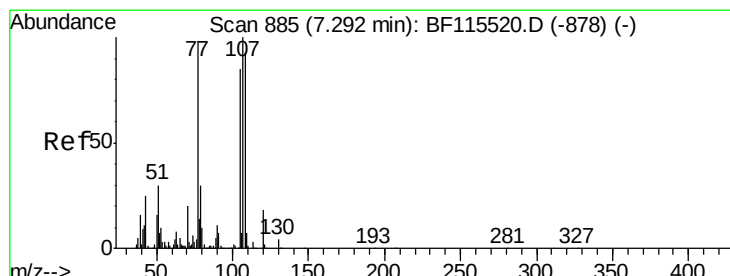
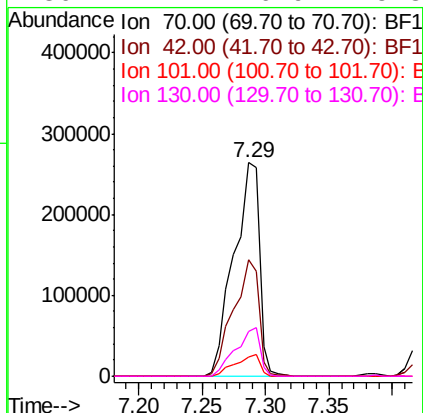




#19
n-Nitroso-di-n-propylamine
Concen: 39.089 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

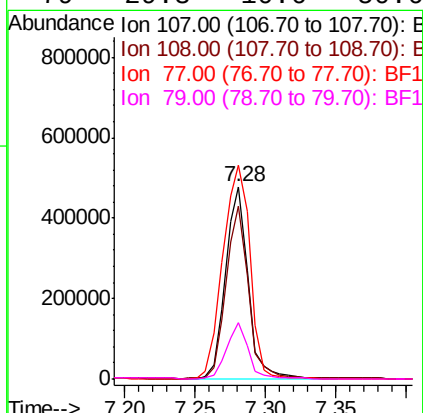
Instrument :
BNA_F
ClientSampleId :
PB121703BS

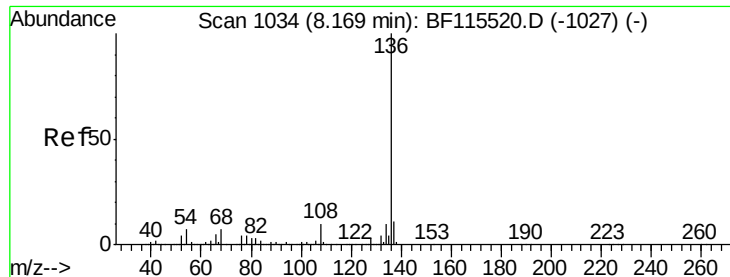
Tot Ion:	70	Resp:	368581
Ion	Ratio	Lower	Upper
70	100		
42	54.7	41.8	62.8
101	9.3	7.6	11.4
130	21.1	16.9	25.3



#20
3+4-Methylphenols
Concen: 39.095 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:	107	Resp:	524263
Ion	Ratio	Lower	Upper
107	100		
108	89.5	73.0	113.0
77	110.9	107.5	147.5
79	29.3	10.6	50.6

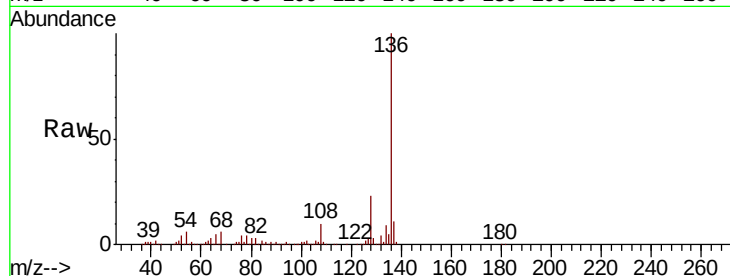




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:136	Resp:	794630
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 6.4	5.0	7.6
68 5.8	4.7	7.1



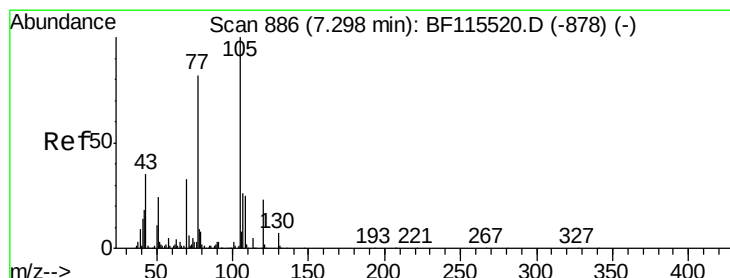
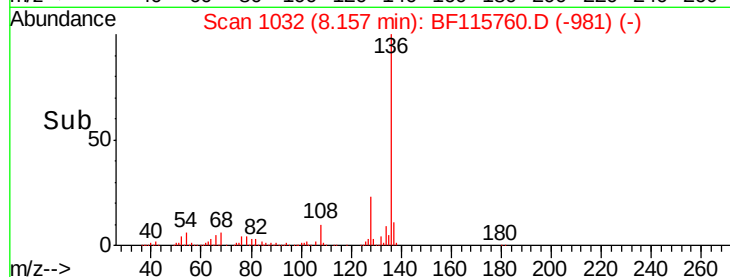
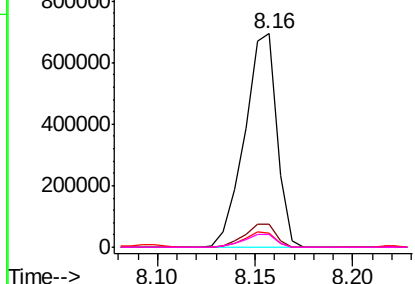
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

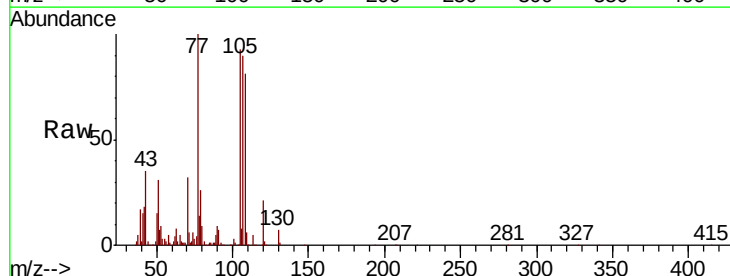
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.135 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt	Ion:105	Resp:	720505
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.7	7.1
51	33.5	25.6	38.4
120	22.4	17.7	26.5



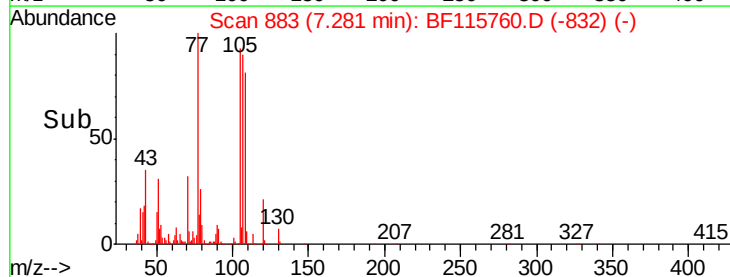
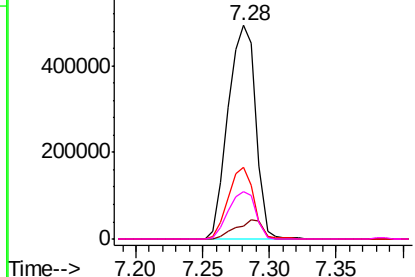
Abundance

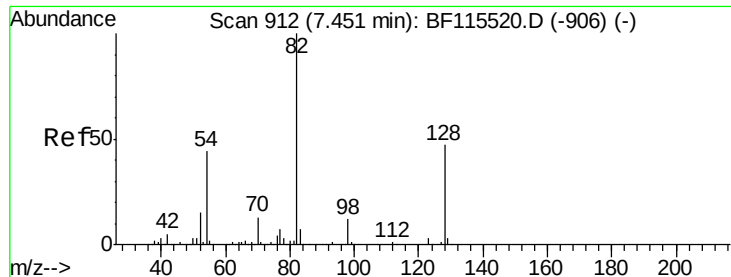
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

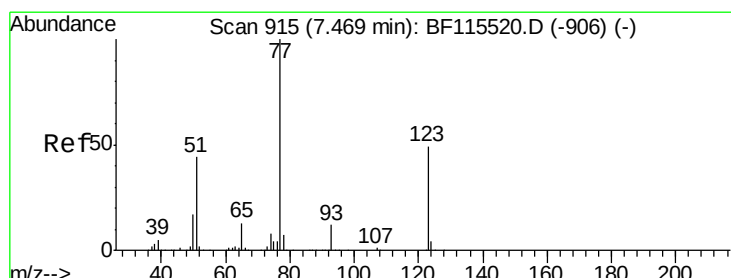
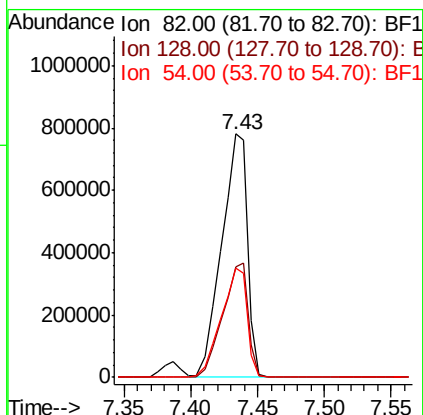
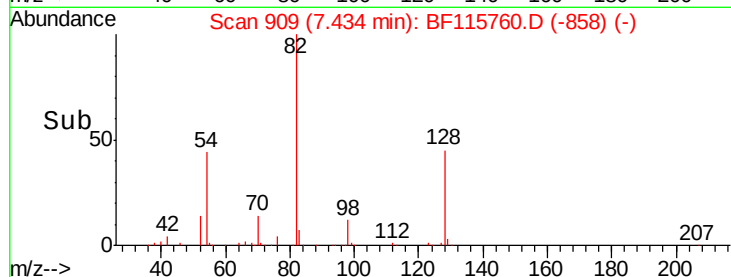
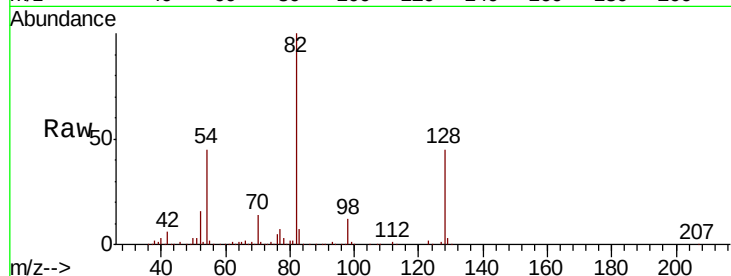




#23
 Nitrobenzene-d5
 Concen: 78.161 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

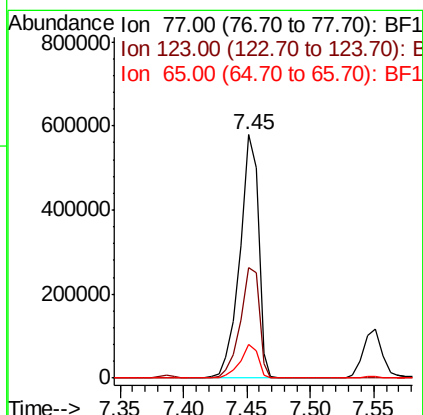
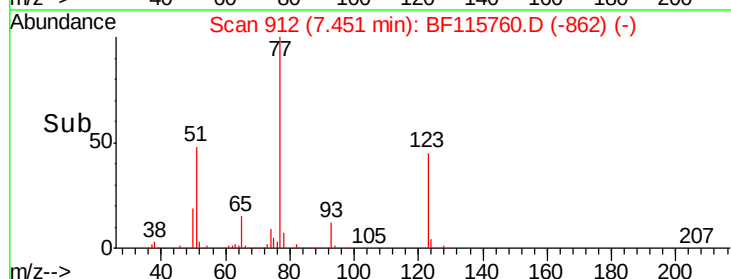
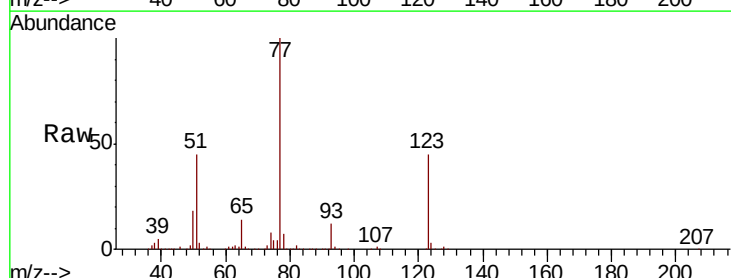
Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

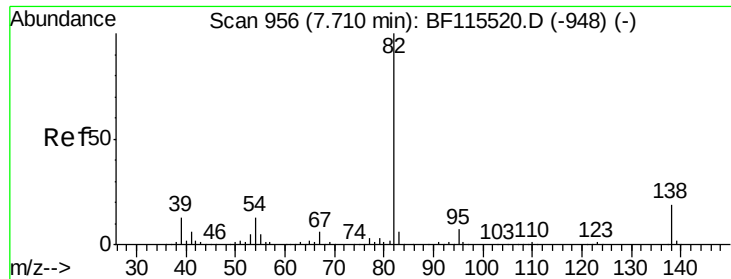
Tot Ion: 82 Resp: 1068142
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.6 55.0
 54 44.9 36.6 54.8



#24
 Nitrobenzene
 Concen: 39.744 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion: 77 Resp: 585818
 Ion Ratio Lower Upper
 77 100
 123 45.2 39.9 59.9
 65 13.6 10.5 15.7





#25

Isophorone

Concen: 39.779 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

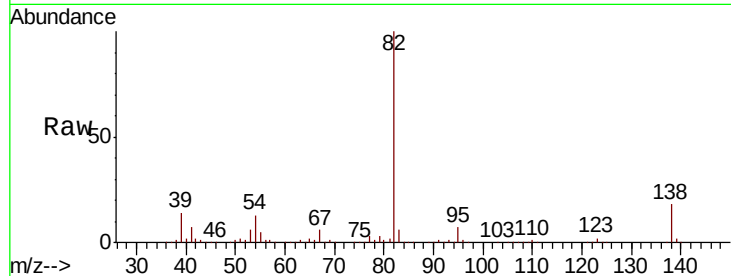
Tot Ion: 82 Resp: 1087793

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

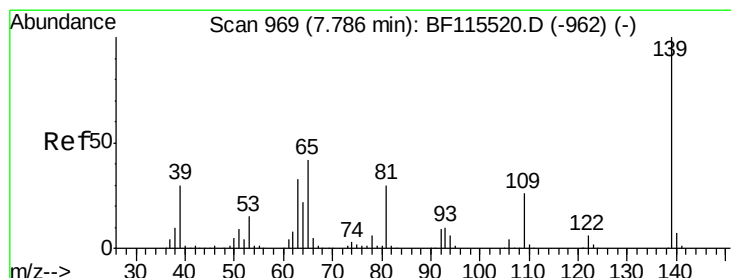
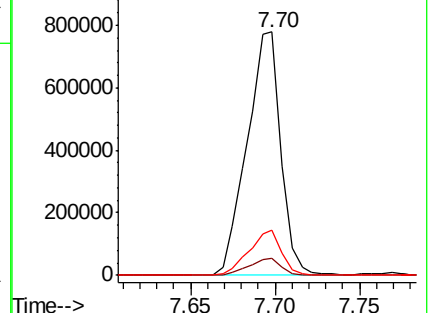
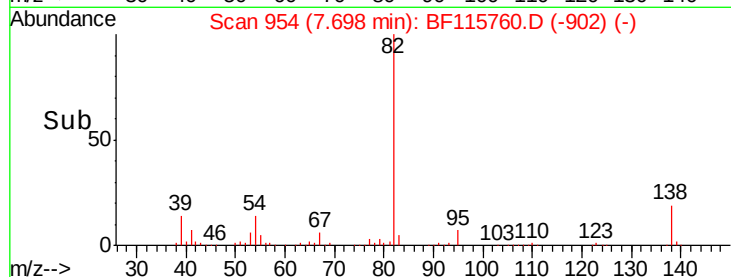
138 18.4 14.2 21.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.723 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

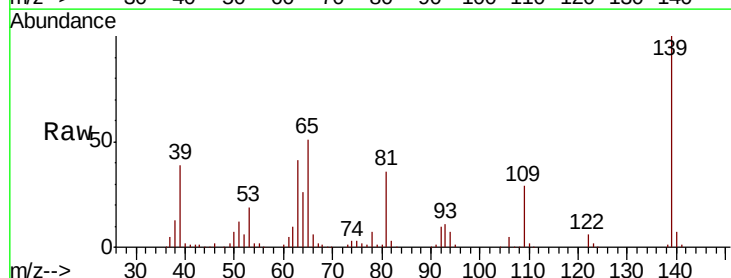
Tgt Ion: 139 Resp: 301371

Ion Ratio Lower Upper

139 100

109 28.7 23.2 34.8

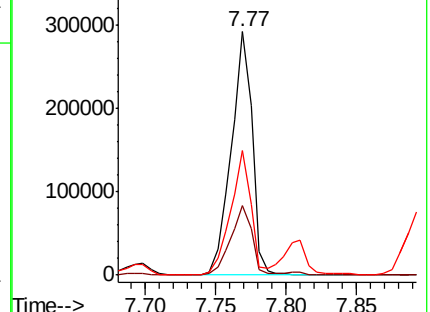
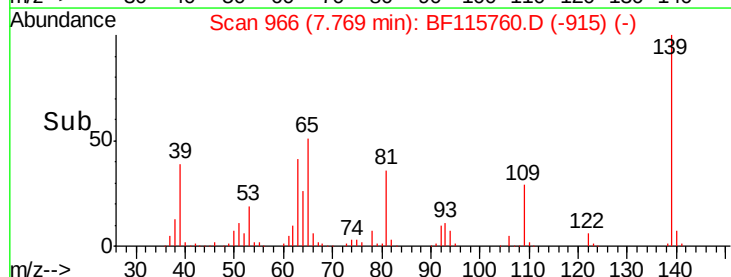
65 50.9 40.5 60.7

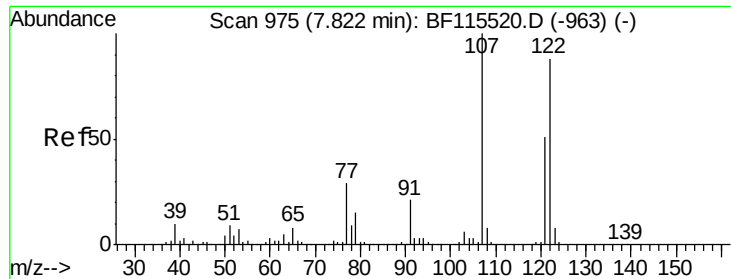


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

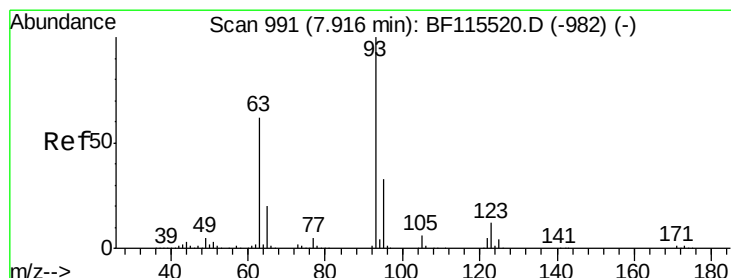
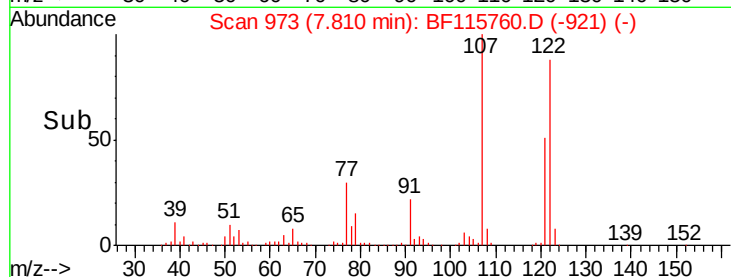
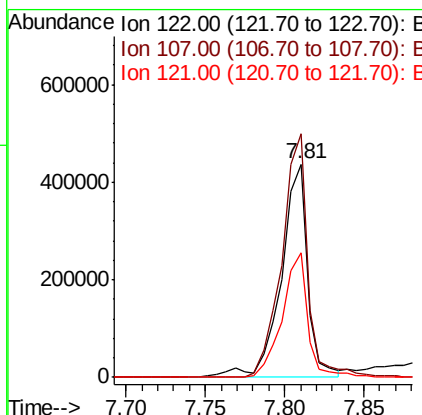
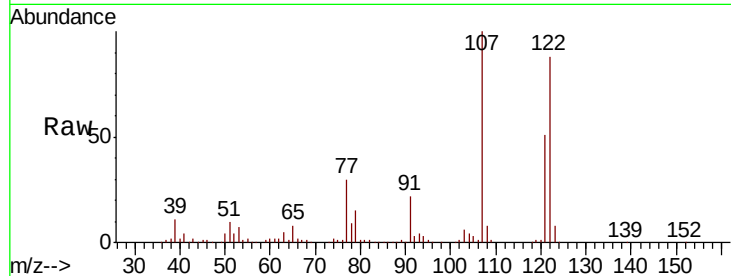




#27
2,4-Dimethylphenol
Concen: 44.401 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

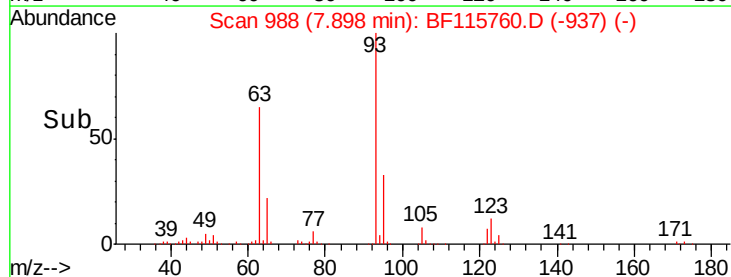
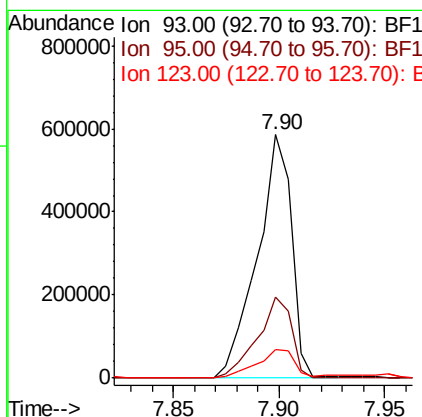
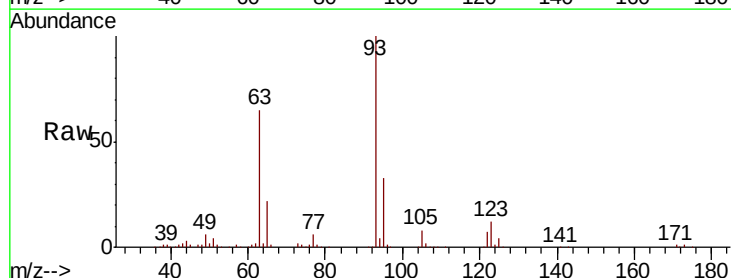
Instrument :
BNA_F
ClientSampleId :
PB121703BS

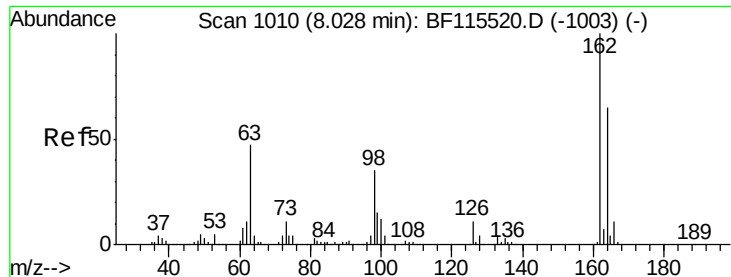
Tot Ion:122 Resp: 504034
Ion Ratio Lower Upper
122 100
107 114.1 92.6 138.8
121 58.5 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.488 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion: 93 Resp: 662450
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 11.9 9.3 13.9

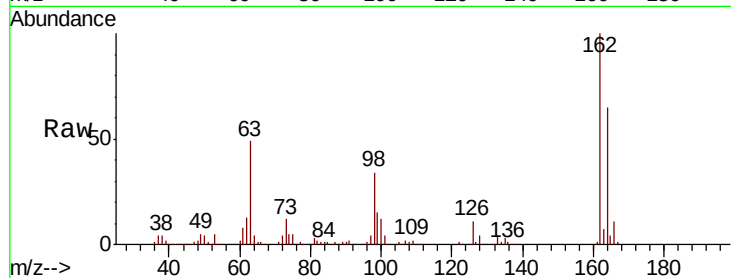




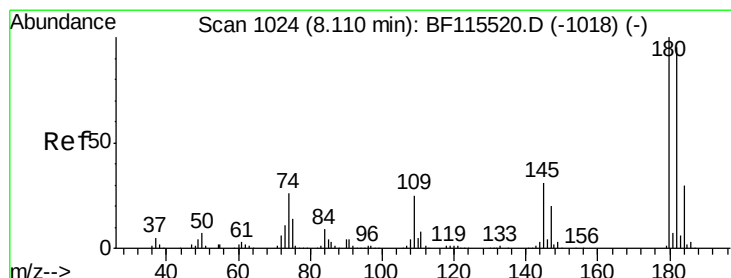
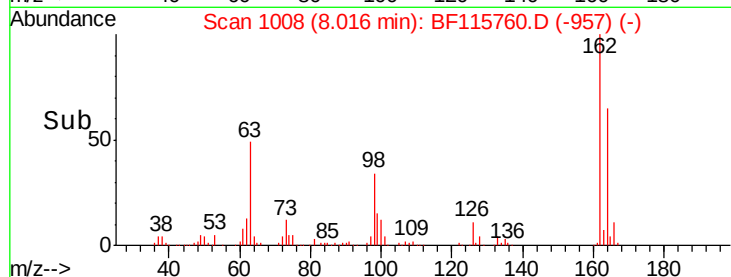
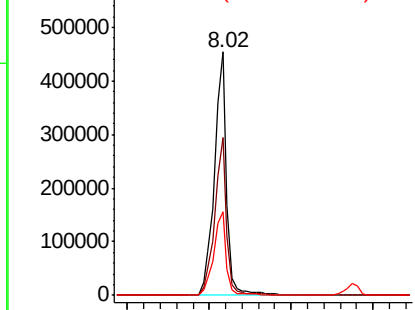
#29
2,4-Dichlorophenol
Concen: 40.241 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:162 Resp: 475077
Ion Ratio Lower Upper
162 100
164 64.9 44.1 84.1
98 34.4 12.9 52.9

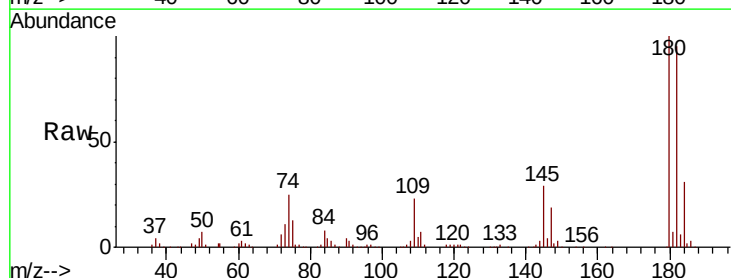


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

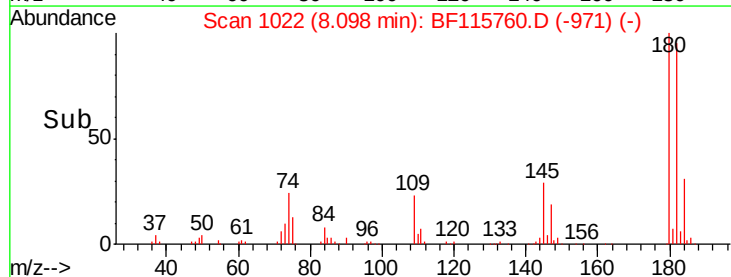
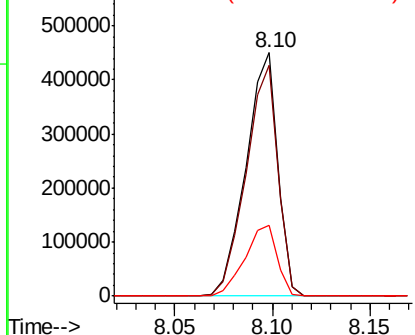


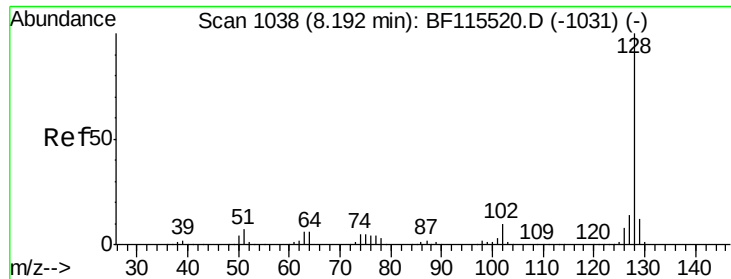
#30
1,2,4-Trichlorobenzene
Concen: 37.974 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:180 Resp: 506766
Ion Ratio Lower Upper
180 100
182 95.1 76.7 115.1
145 28.9 23.6 35.4



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

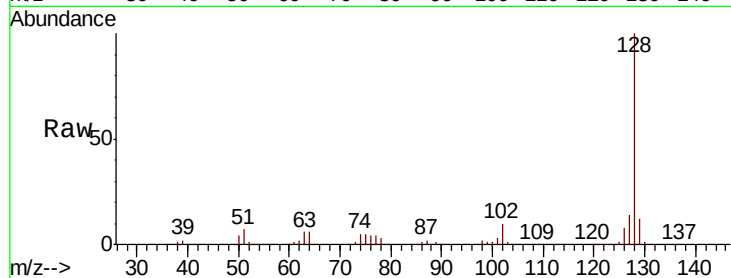




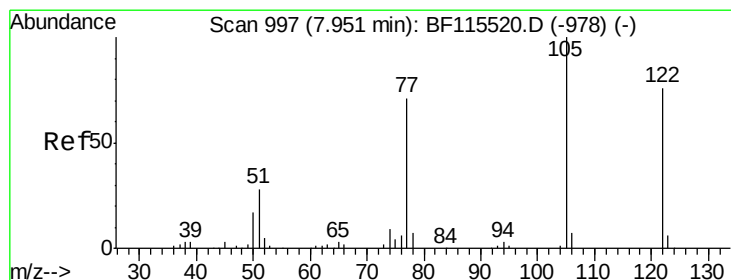
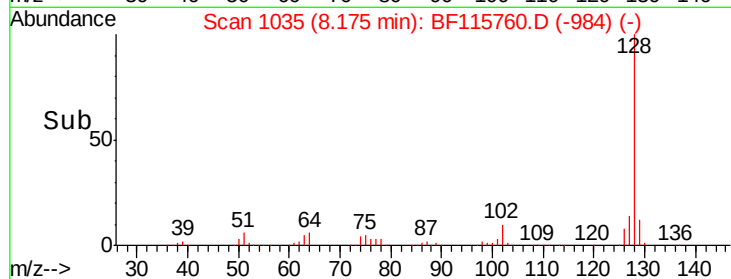
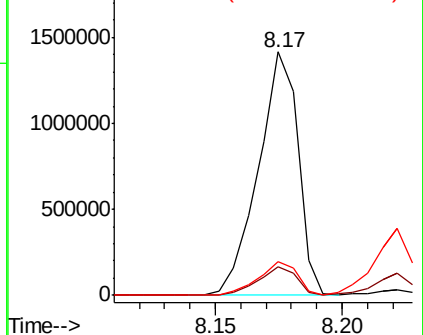
#31
Naphthalene
Concen: 40.045 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:128 Resp: 1541099
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.7 10.9 16.3

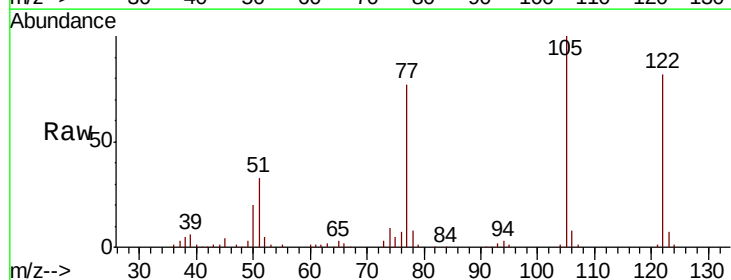


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

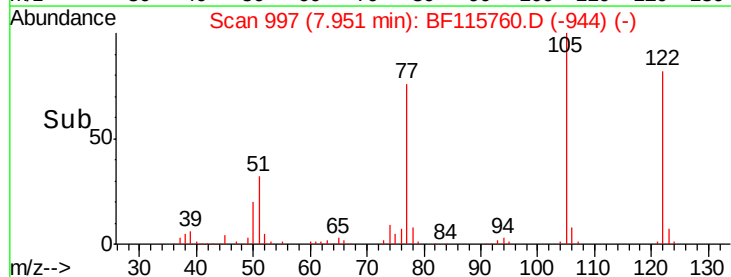
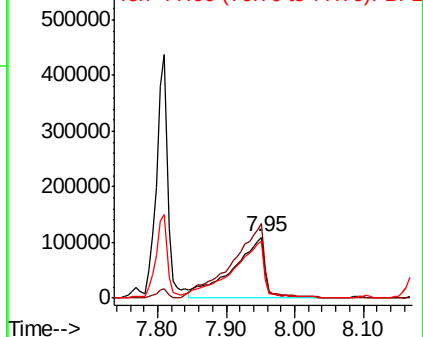


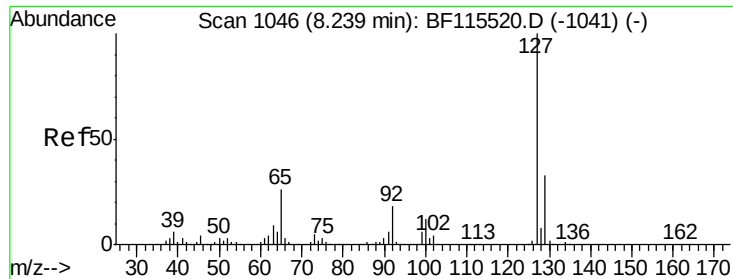
#32
Benzoic acid
Concen: 38.086 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:122 Resp: 354816
Ion Ratio Lower Upper
122 100
105 122.2 102.0 142.0
77 93.8 73.6 113.6



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

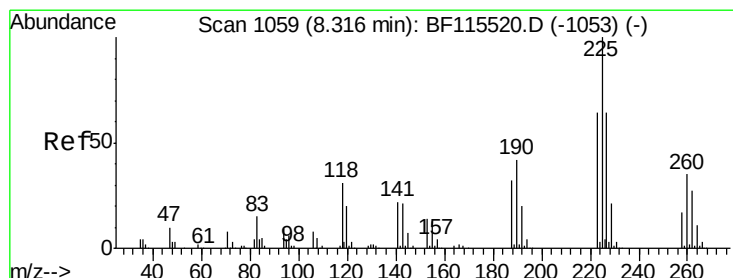
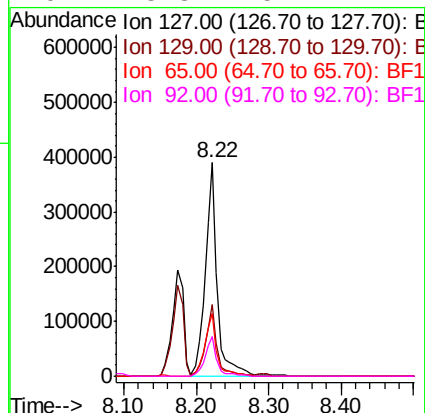
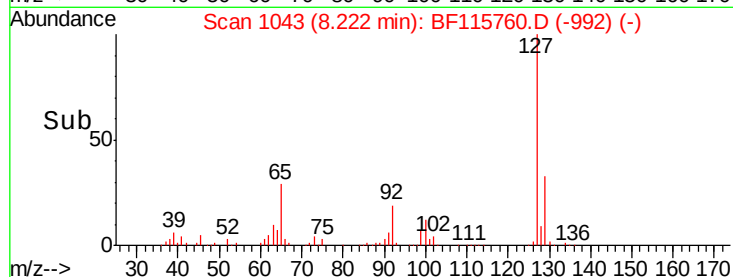
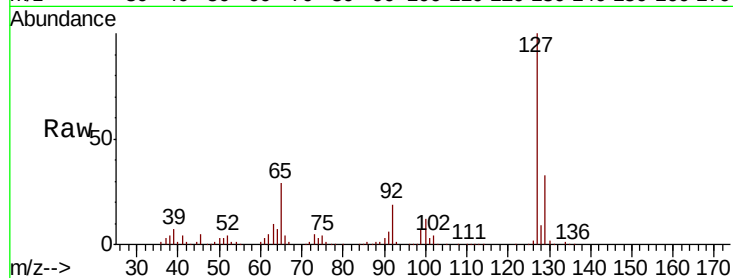




#33
4-Chloroaniline
Concen: 26.040 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

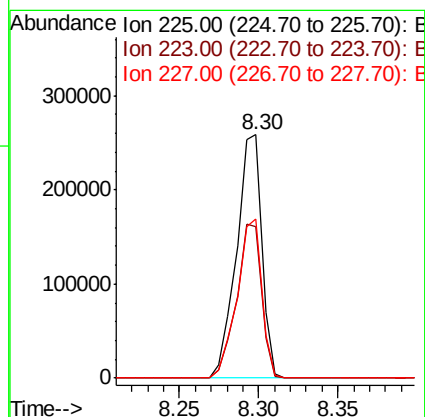
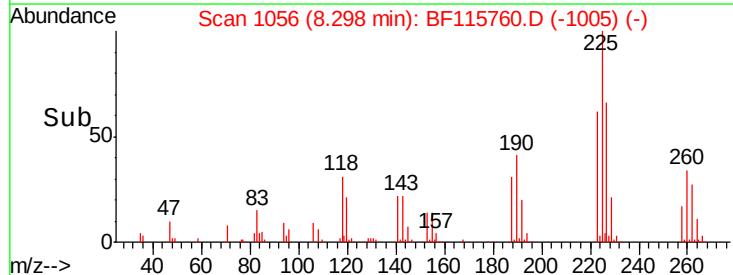
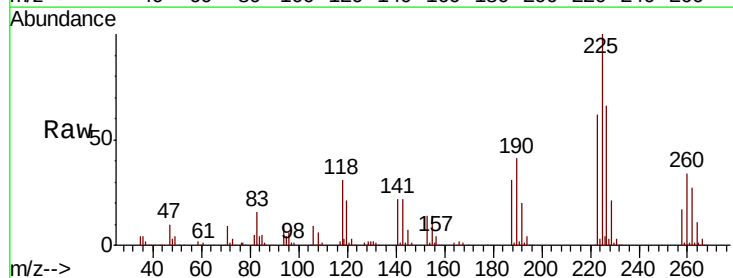
Instrument :
BNA_F
ClientSampleId :
PB121703BS

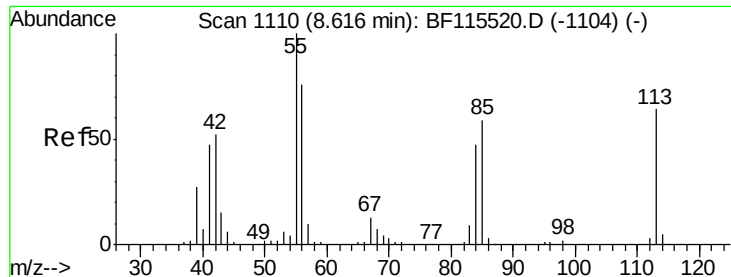
Tot Ion:	127	Resp:	443885
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	29.4	23.8	35.8
92	18.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 37.244 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:	225	Resp:	285017
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	65.6	52.8	79.2

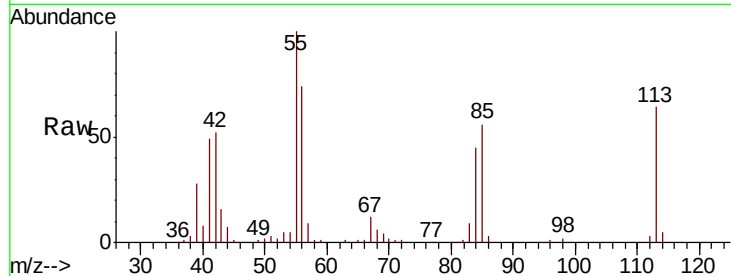




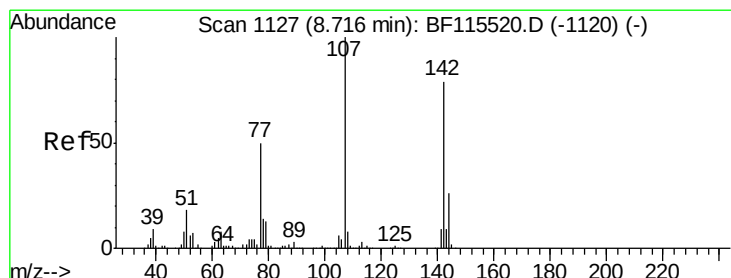
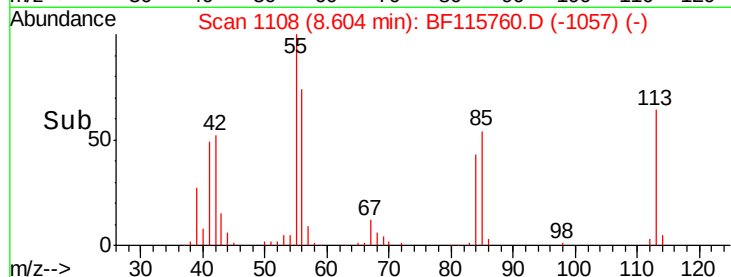
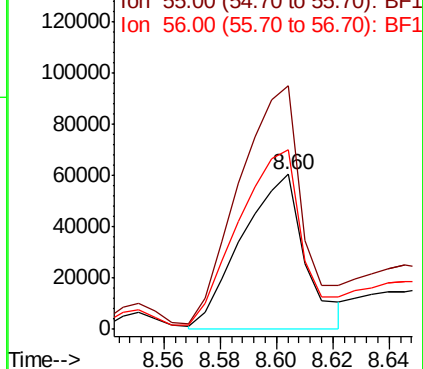
#35
 Caprolactam
 Concen: 25.783 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion:113 Resp: 94059
 Ion Ratio Lower Upper
 113 100
 55 157.4 130.5 170.5
 56 116.5 93.1 133.1

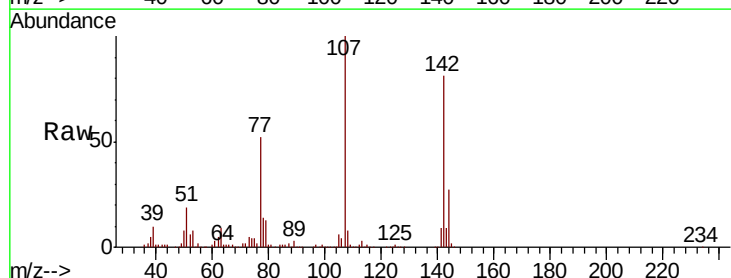


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

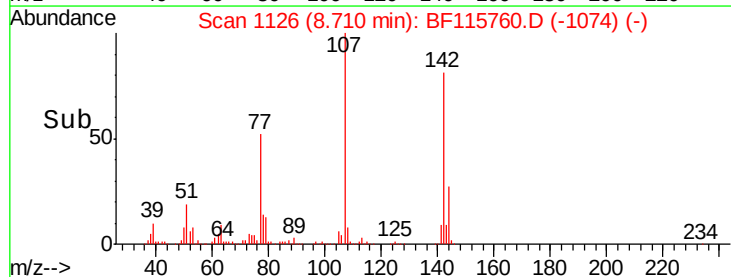
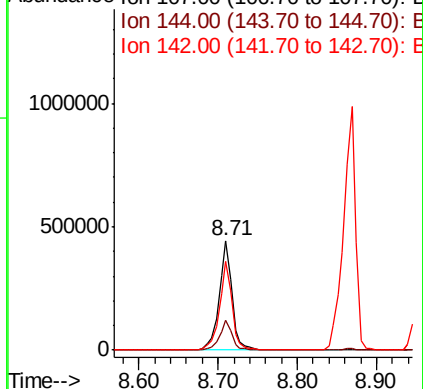


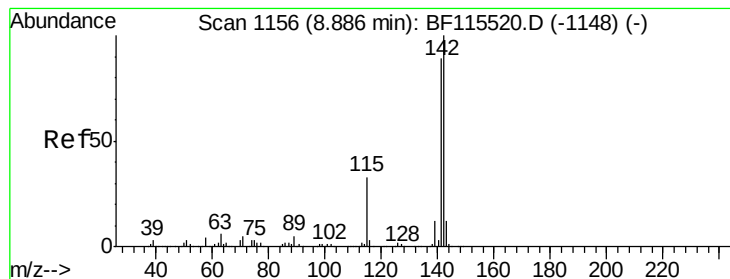
#36
 4-Chloro-3-methylphenol
 Concen: 40.417 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion:107 Resp: 494961
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.1 30.1
 142 81.2 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 41.215 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

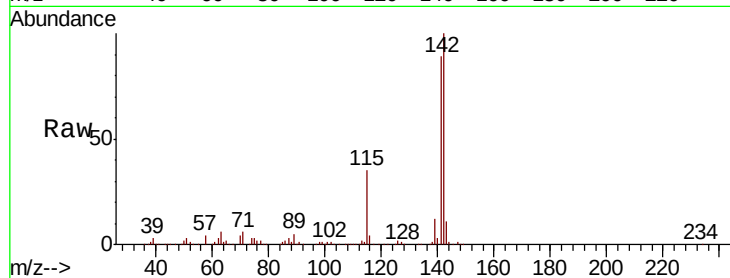
Tot Ion:142 Resp: 1051393

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.4

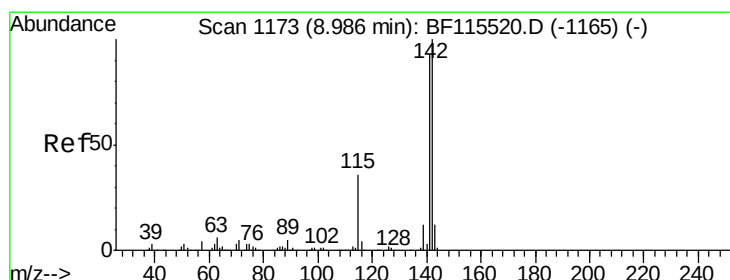
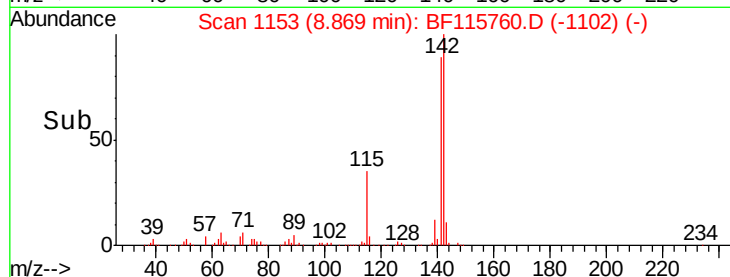
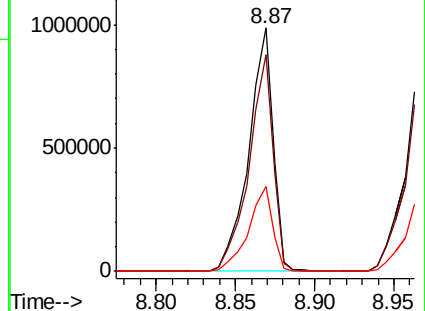
115 35.0 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.702 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

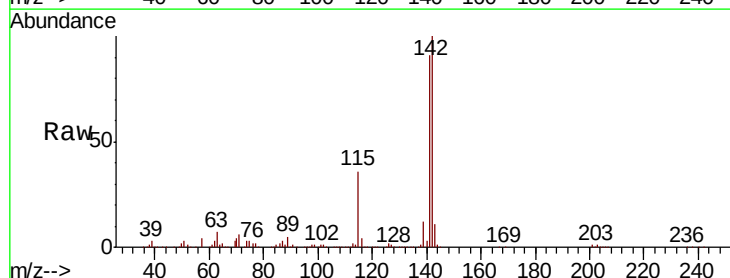
Tgt Ion:142 Resp: 986219

Ion Ratio Lower Upper

142 100

141 91.2 73.9 110.9

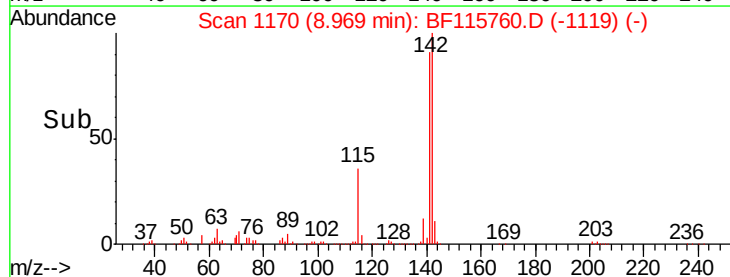
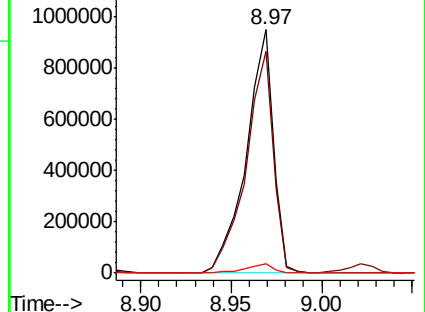
116 3.7 3.0 4.6

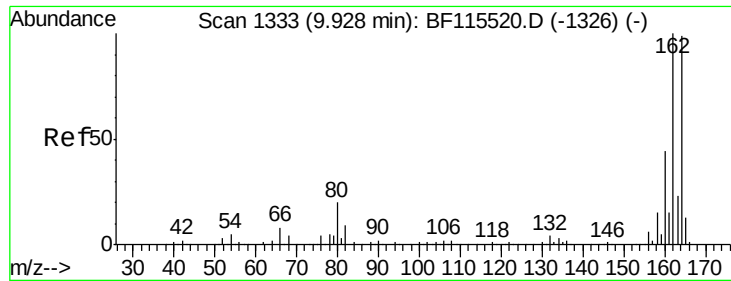


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

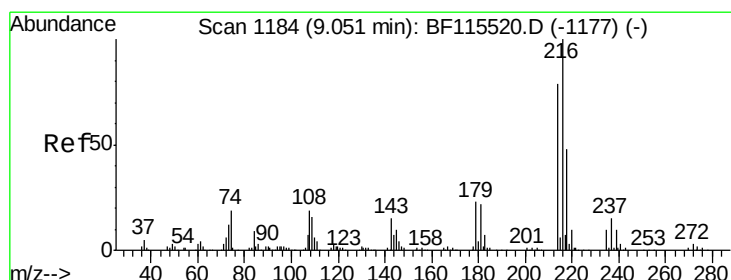
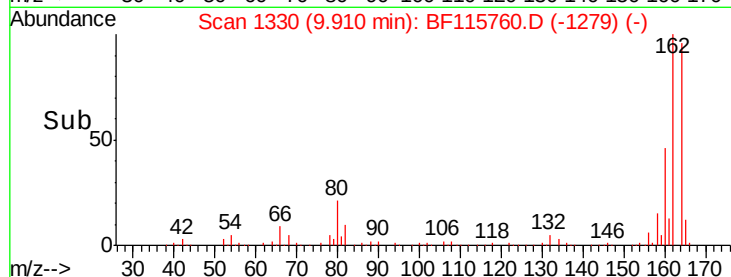
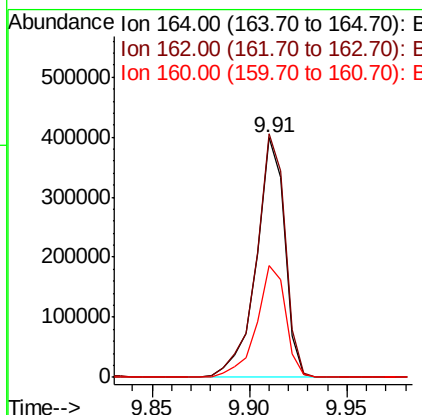
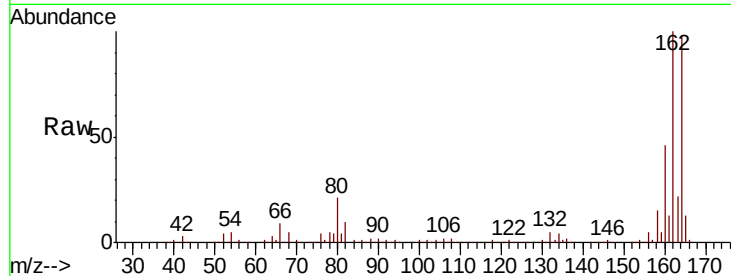




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

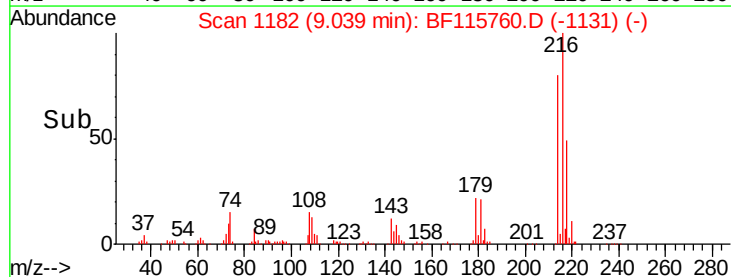
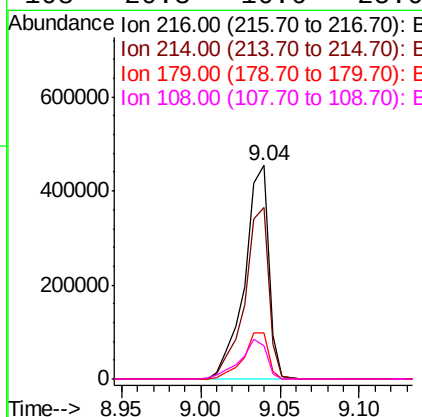
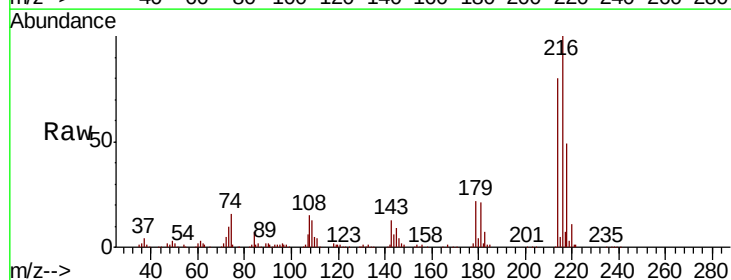
Instrument :
BNA_F
ClientSampleId :
PB121703BS

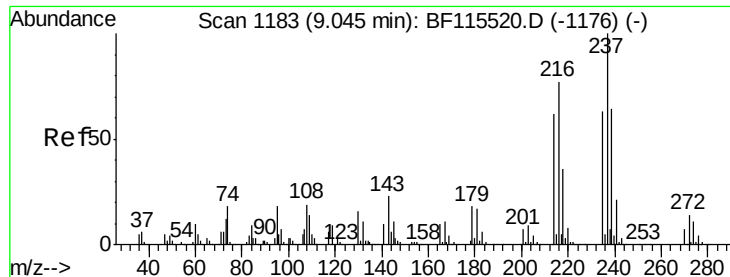
Tot Ion:164 Resp: 402283
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 46.6 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.509 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:216 Resp: 478613
Ion Ratio Lower Upper
216 100
214 80.2 63.0 94.6
179 22.3 17.4 26.2
108 20.3 16.6 25.0

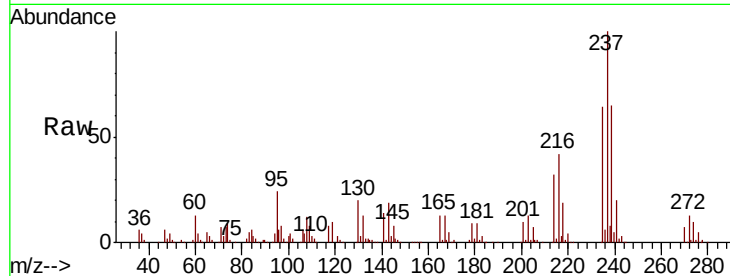




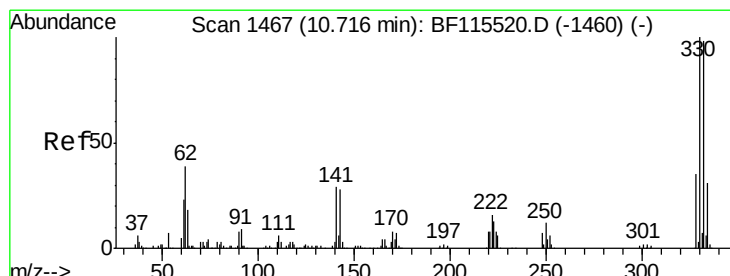
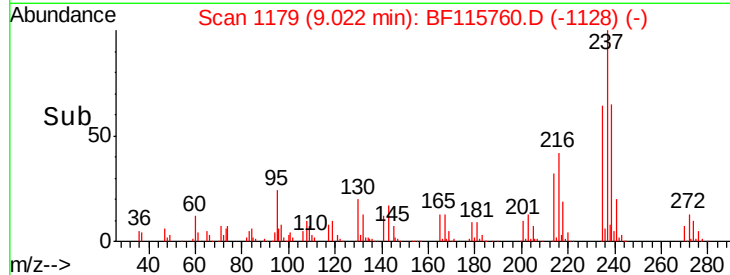
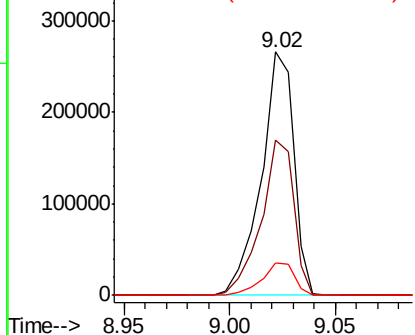
#41
Hexachlorocyclopentadiene
Concen: 41.328 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:237 Resp: 285591
Ion Ratio Lower Upper
237 100
235 63.8 44.3 84.3
272 13.5 0.0 33.0

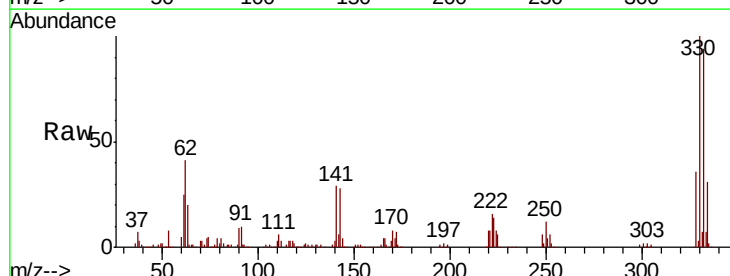


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

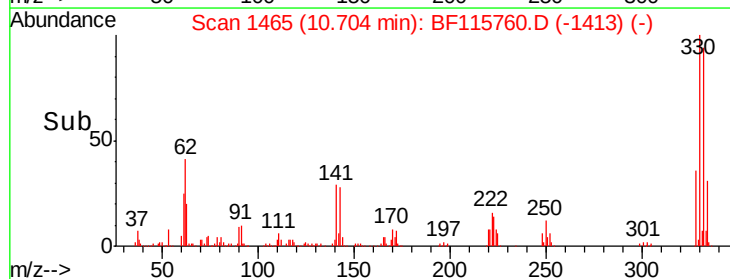
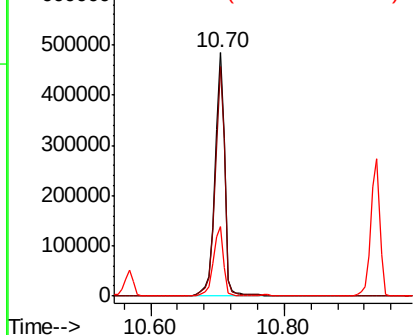


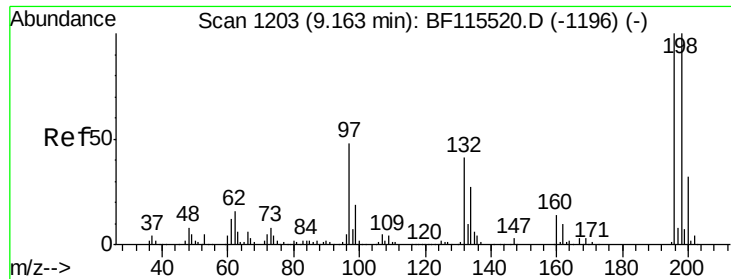
#42
2,4,6-Tribromophenol
Concen: 106.964 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:330 Resp: 502262
Ion Ratio Lower Upper
330 100
332 94.6 76.1 114.1
141 30.3 25.9 38.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

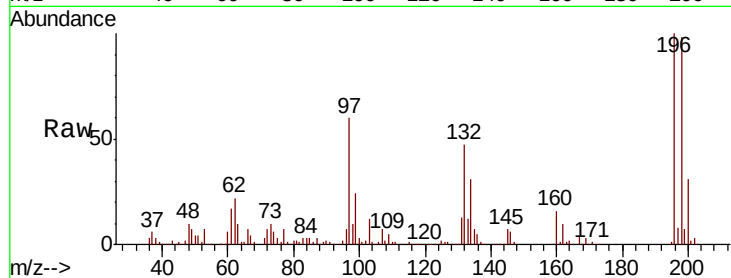




#43
 2,4,6-Trichlorophenol
 Concen: 37.491 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	79.8	119.6
200	30.7	25.4	38.0

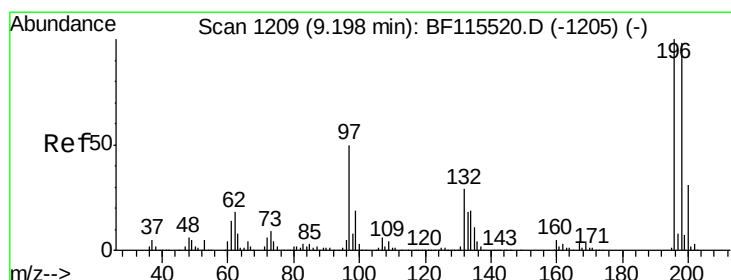
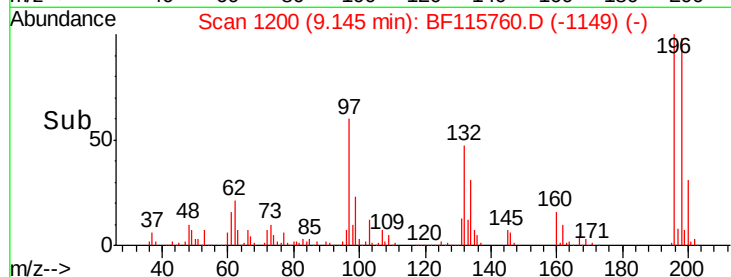
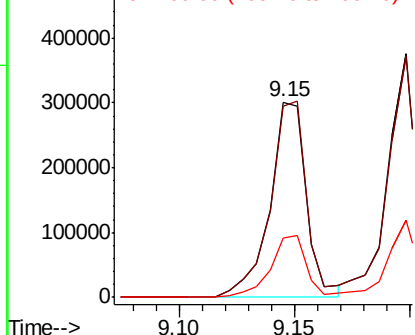


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.202 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	78.2	117.2
97	46.7	41.9	62.9
132	28.5	24.1	36.1

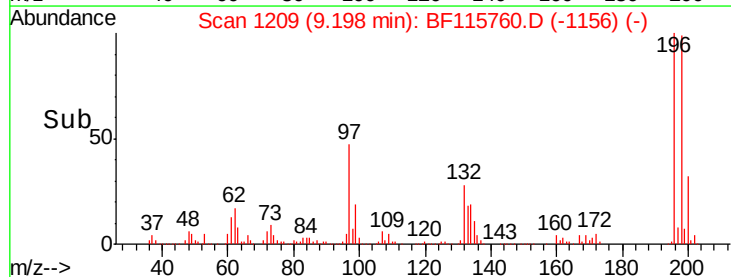
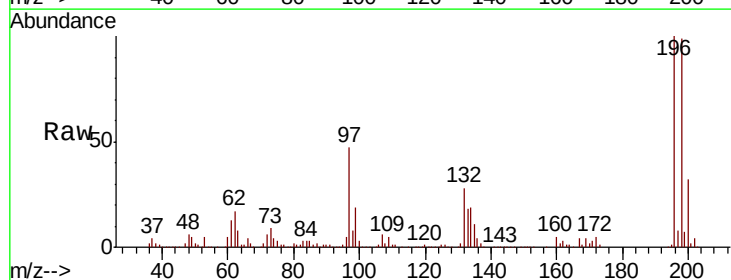
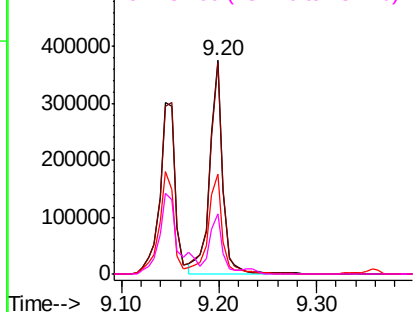
Abundance

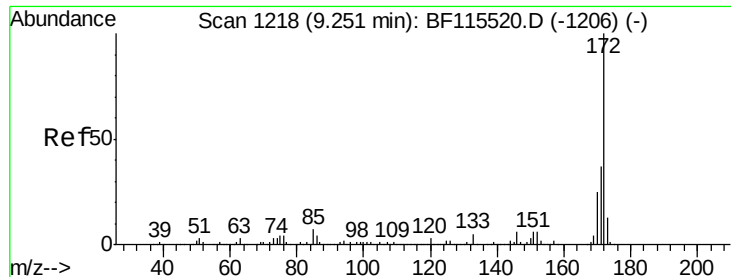
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

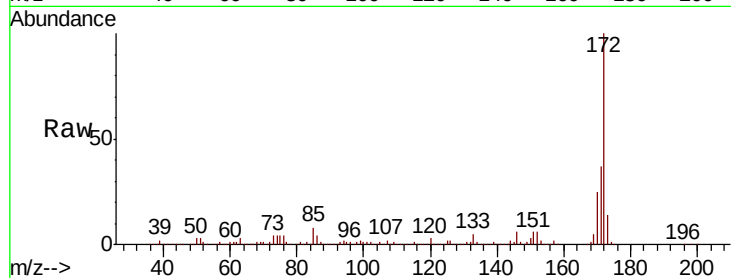




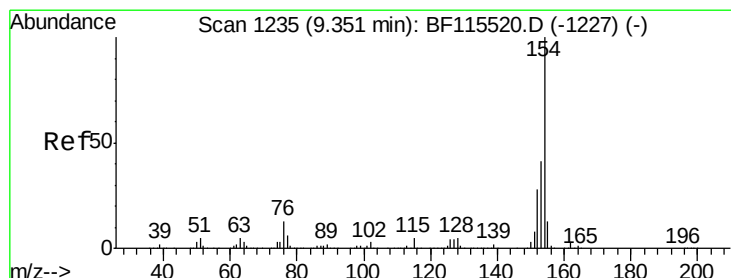
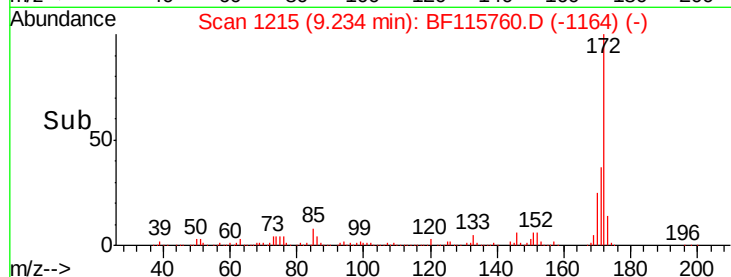
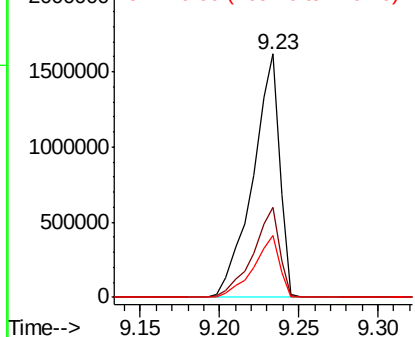
#45
2-Fluorobiphenyl
Concen: 83.729 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:172 Resp: 1924412
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 25.2 20.1 30.1

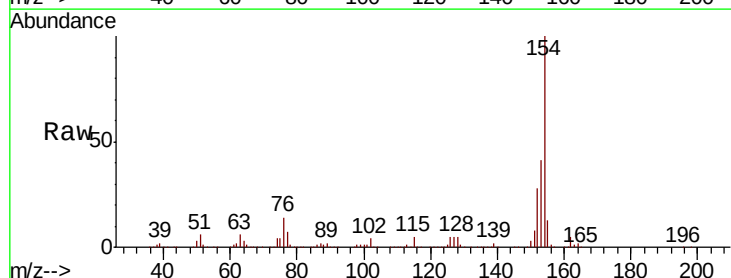


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

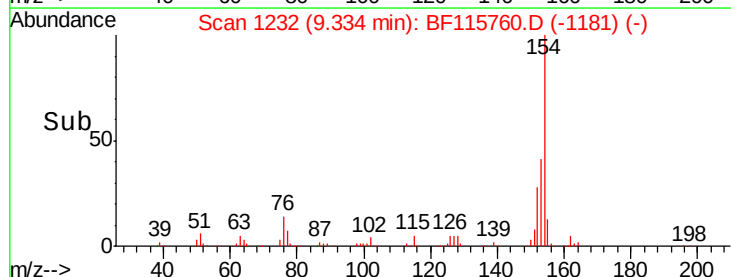
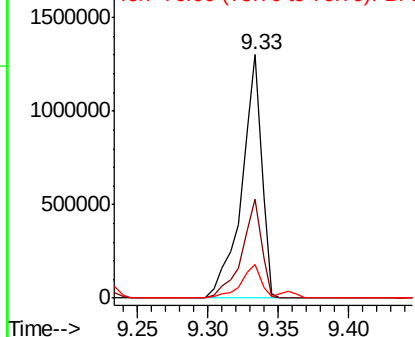


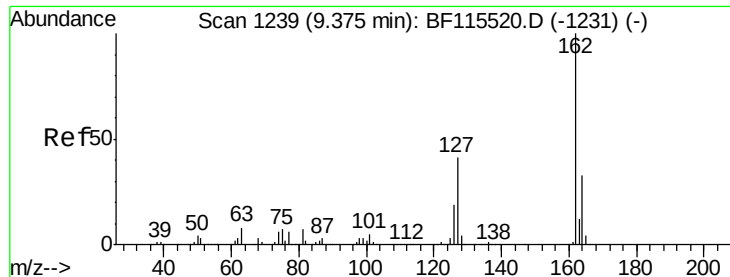
#46
1,1'-Biphenyl
Concen: 40.755 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:154 Resp: 1281732
Ion Ratio Lower Upper
154 100
153 40.8 21.4 61.4
76 13.9 0.0 33.2



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

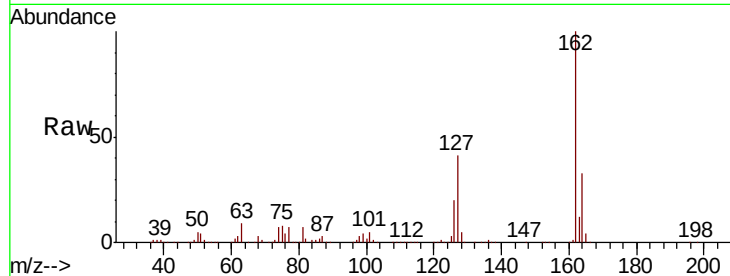




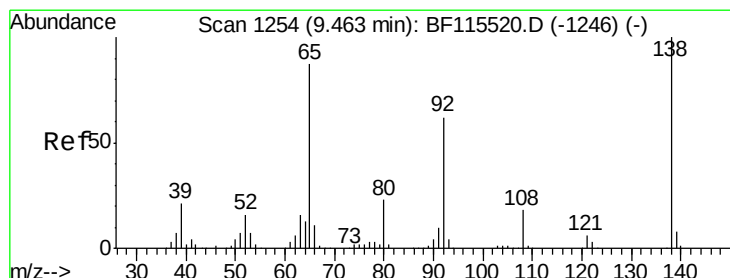
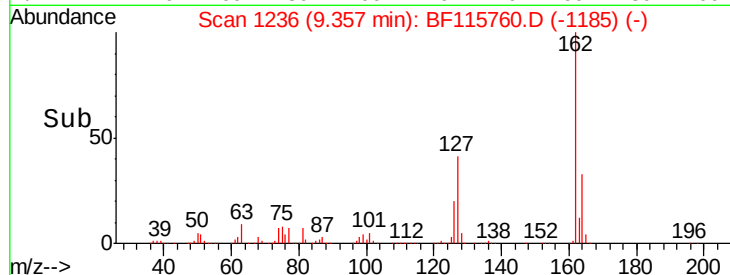
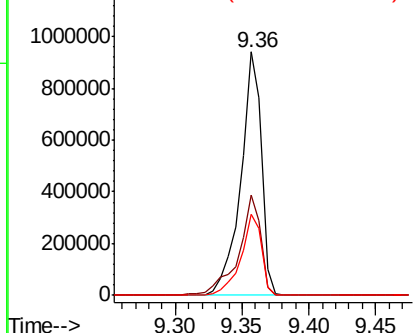
#47
 2-Chloronaphthalene
 Concen: 38.492 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion:162 Resp: 1007992
 Ion Ratio Lower Upper
 162 100
 127 41.0 32.1 48.1
 164 33.2 26.2 39.4

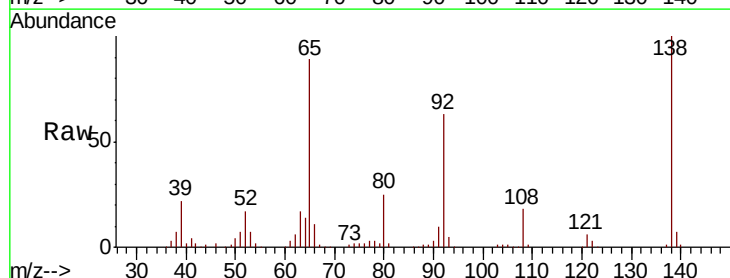


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

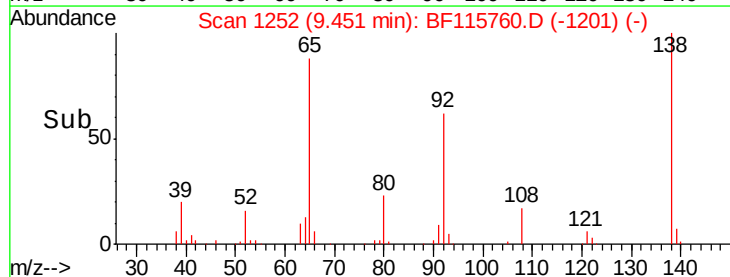
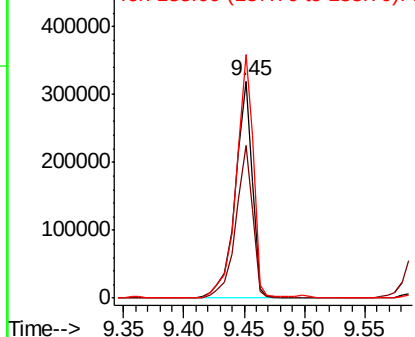


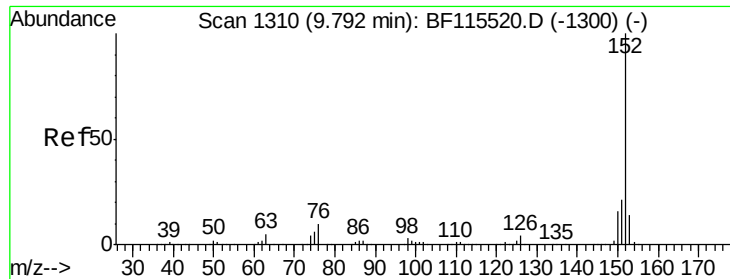
#48
 2-Nitroaniline
 Concen: 38.863 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion: 65 Resp: 314994
 Ion Ratio Lower Upper
 65 100
 92 70.3 56.9 85.3
 138 112.3 91.4 137.2



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





#49

Acenaphthylene

Concen: 38.604 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

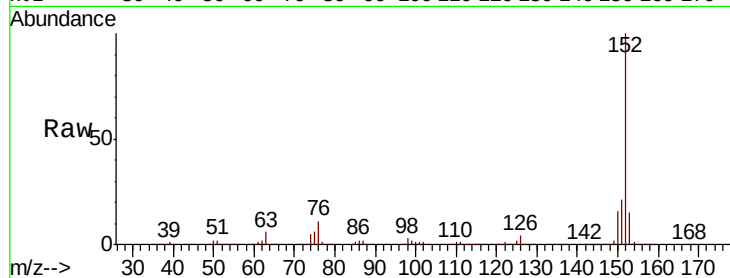
Tot Ion:152 Resp: 1497956

Ion Ratio Lower Upper

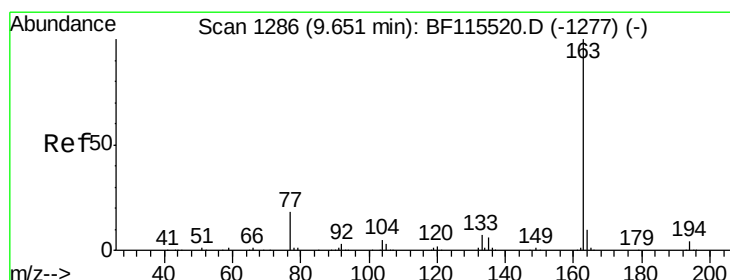
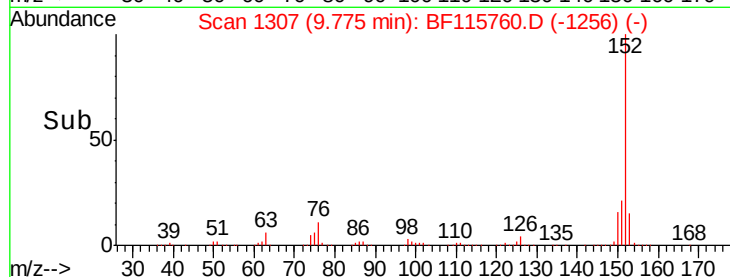
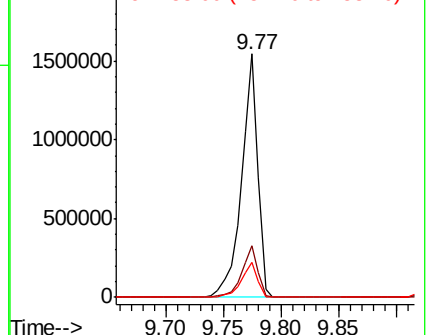
152 100

151 21.1 16.9 25.3

153 14.5 11.5 17.3



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



#50

Dimethylphthalate

Concen: 39.660 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

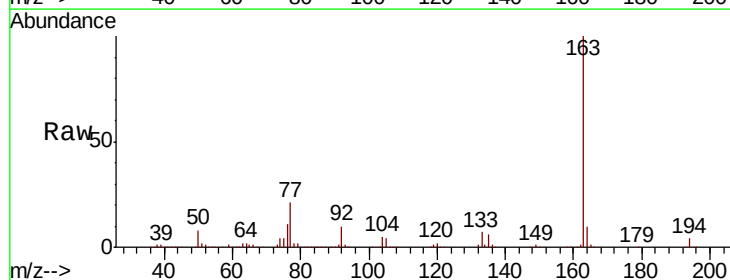
Tgt Ion:163 Resp: 1200366

Ion Ratio Lower Upper

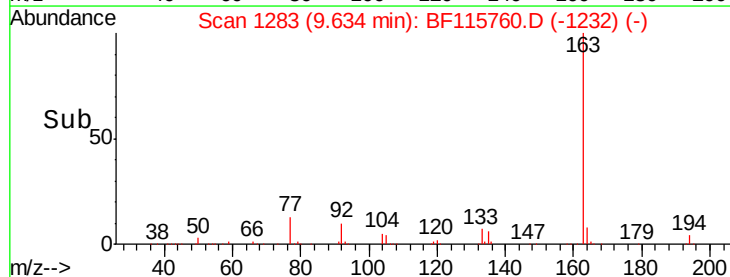
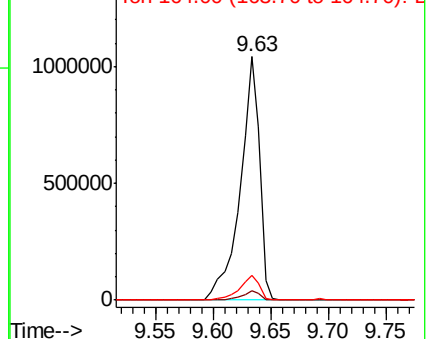
163 100

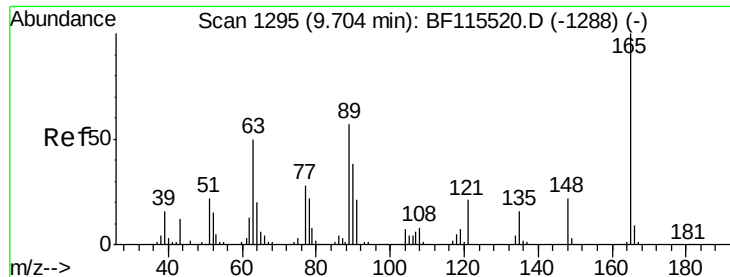
194 3.9 3.2 4.8

164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.893 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

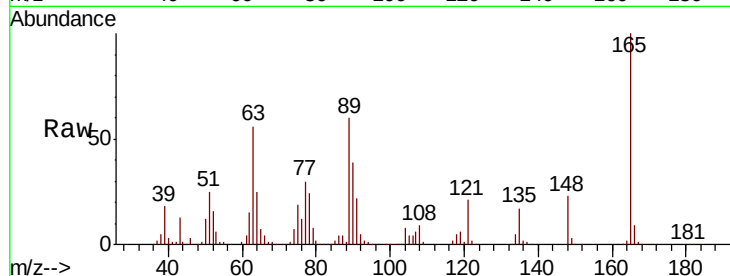
Tot Ion:165 Resp: 267516

Ion Ratio Lower Upper

165 100

63 56.2 43.5 65.3

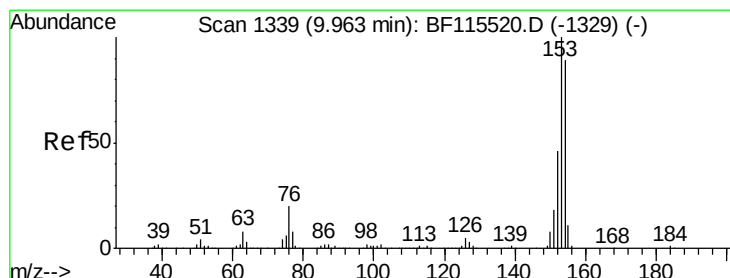
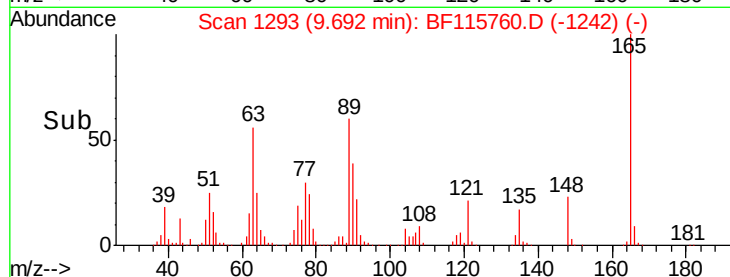
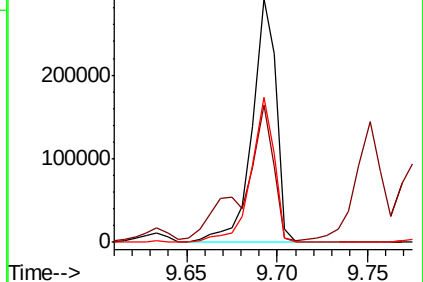
89 59.6 46.3 69.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.498 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

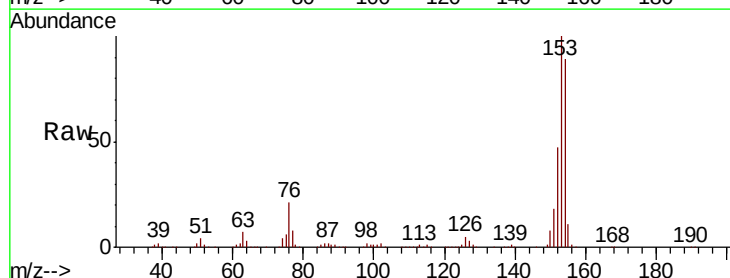
Tgt Ion:154 Resp: 914337

Ion Ratio Lower Upper

154 100

153 111.9 88.1 132.1

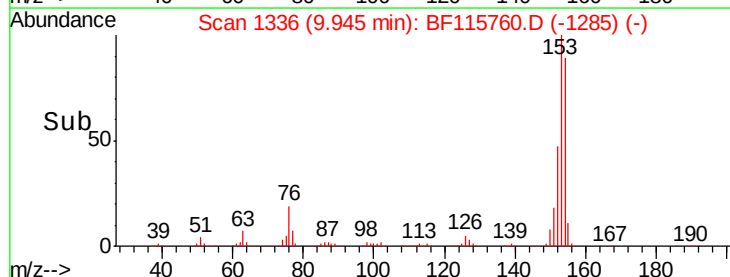
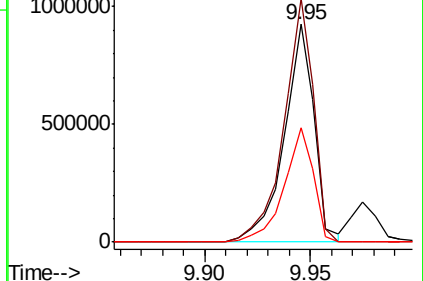
152 52.4 42.0 63.0

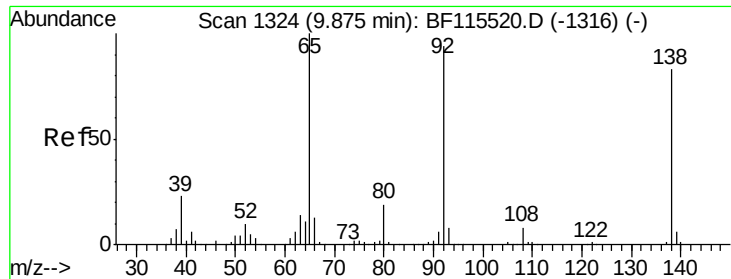


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

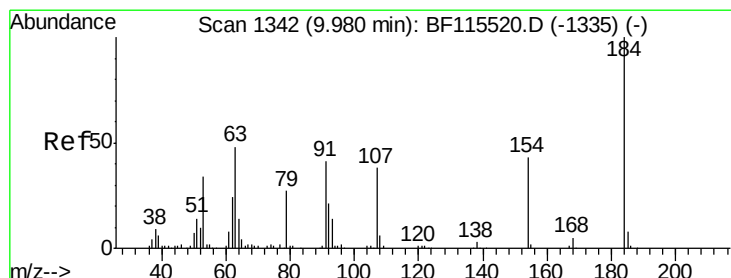
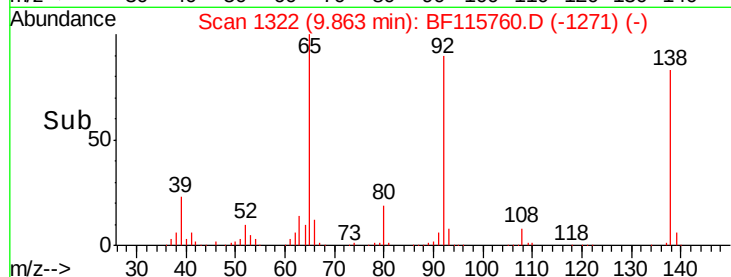
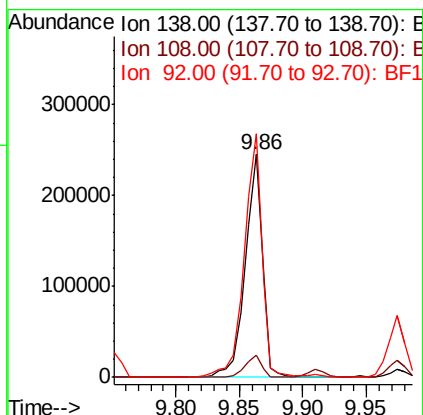
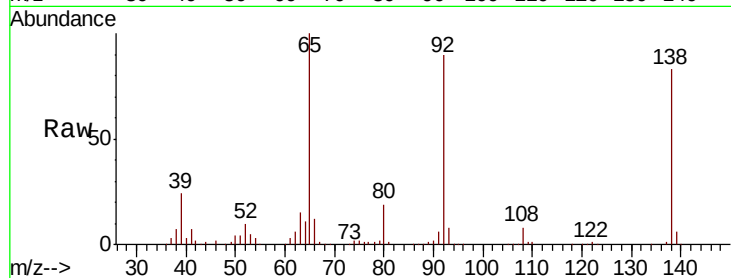




#53
3-Nitroaniline
Concen: 29.398 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

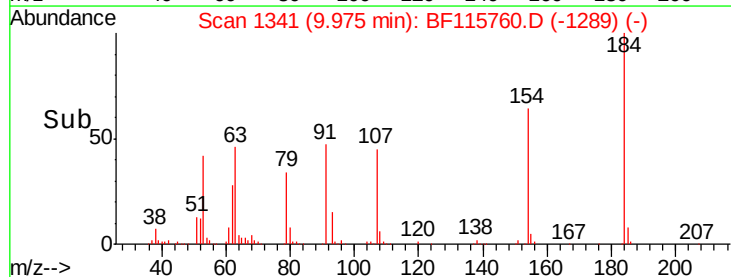
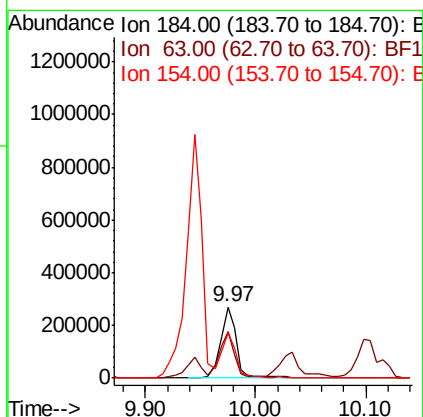
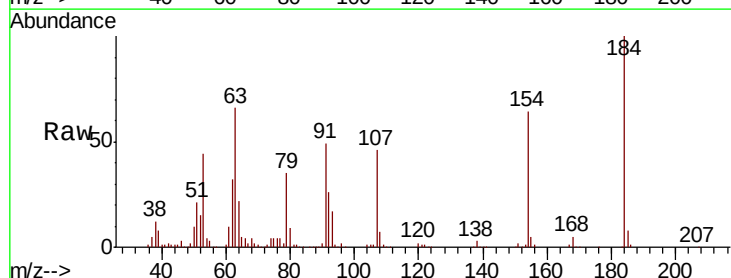
Instrument :
BNA_F
ClientSampleId :
PB121703BS

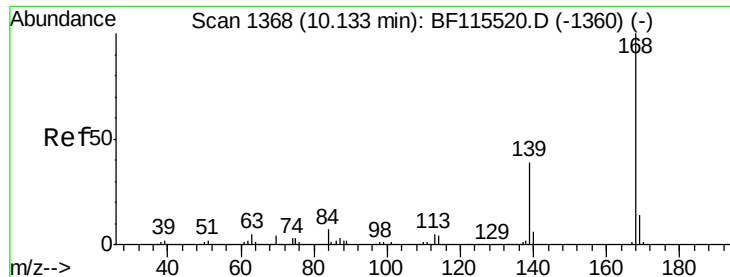
Tot Ion:138 Resp: 231070
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 109.1 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 77.654 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:184 Resp: 274228
Ion Ratio Lower Upper
184 100
63 65.8 55.2 82.8
154 63.9 51.4 77.0

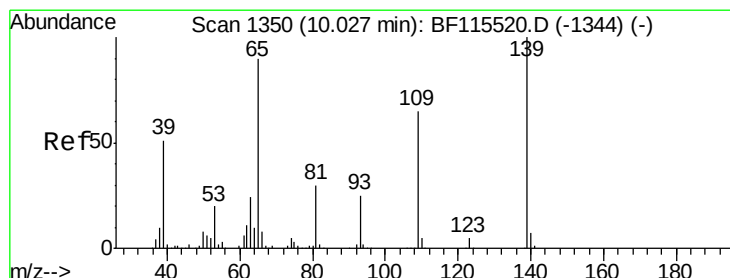
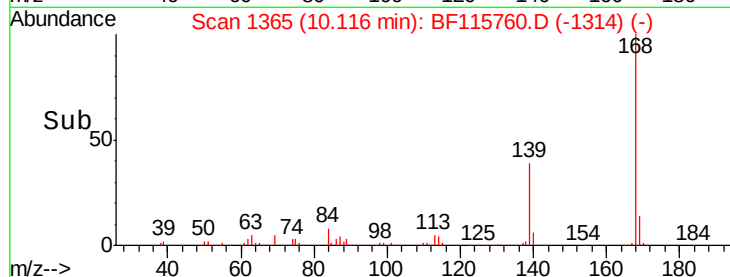
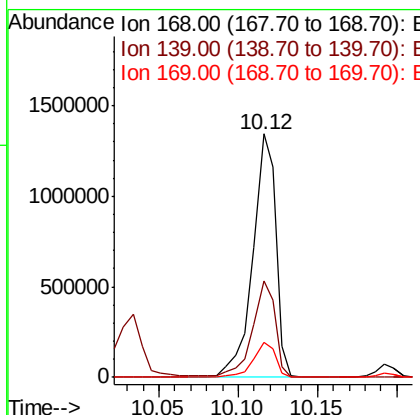
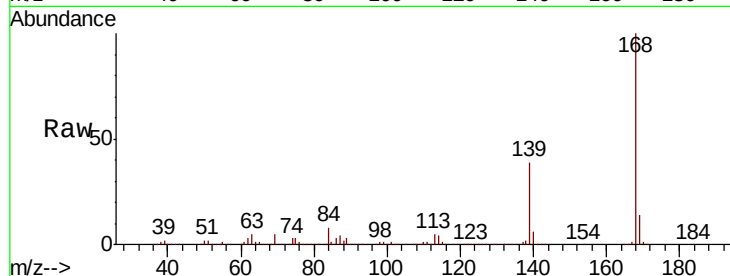




#55
Dibenzenofuran
Concen: 38.182 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

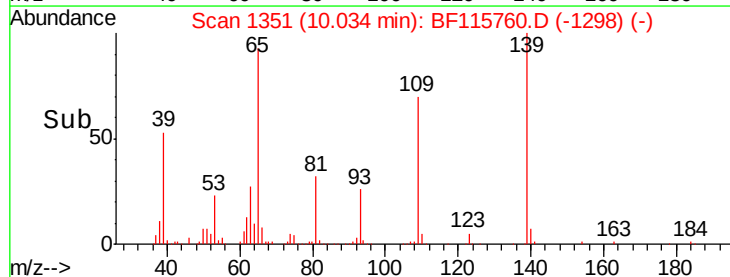
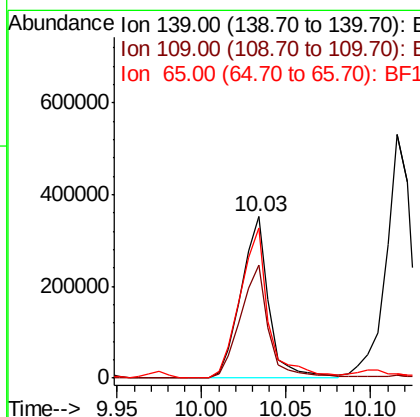
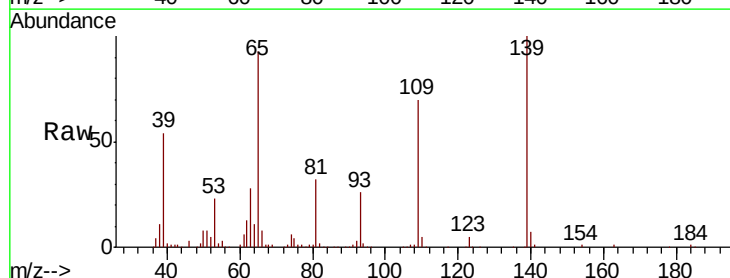
Instrument :
BNA_F
ClientSampleId :
PB121703BS

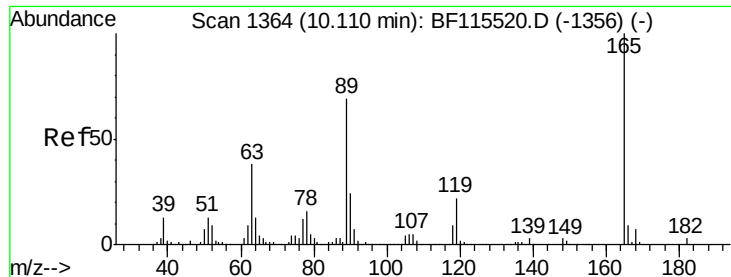
Tot Ion:168 Resp: 1358382
Ion Ratio Lower Upper
168 100
139 39.5 31.4 47.2
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 67.942 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:139 Resp: 407233
Ion Ratio Lower Upper
139 100
109 70.2 51.2 91.2
65 92.9 76.0 116.0

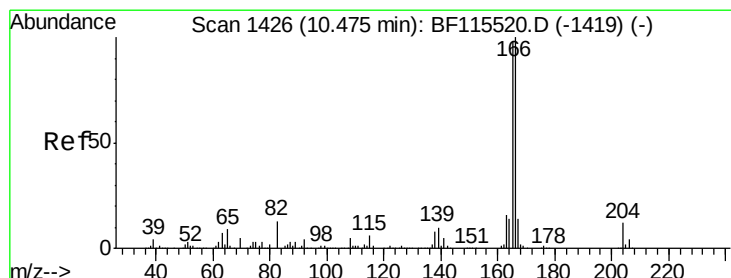
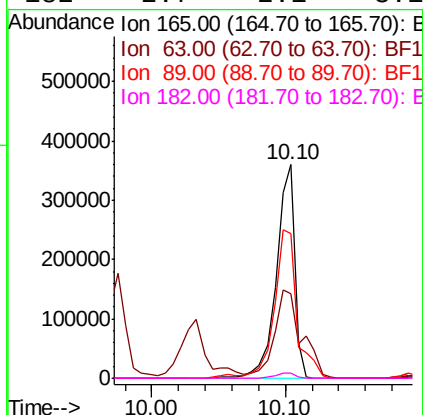
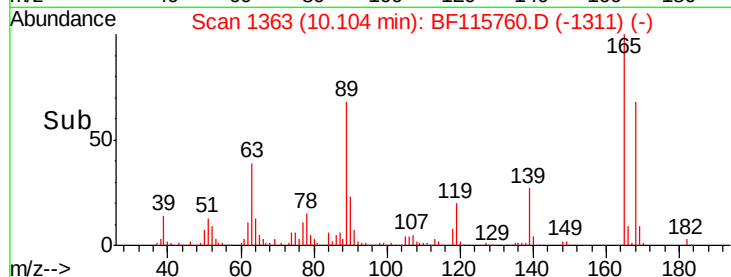
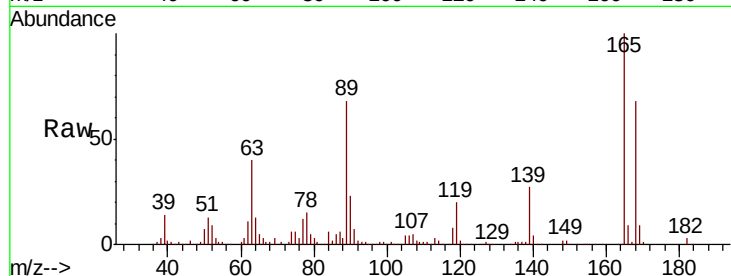




#57
2,4-Dinitrotoluene
Concen: 39.189 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

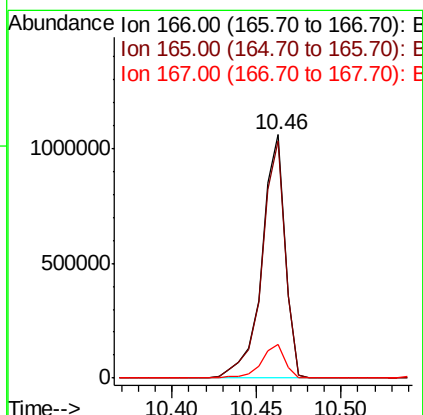
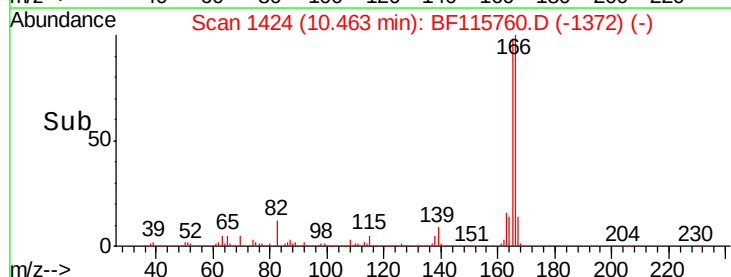
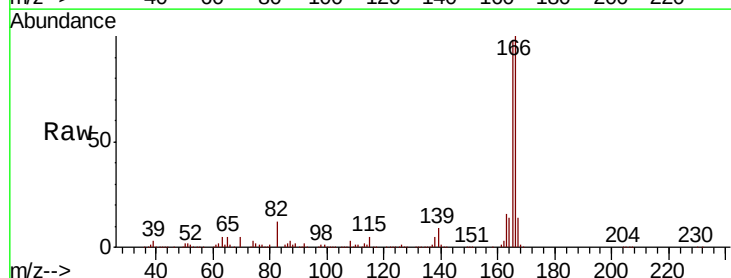
Instrument :
BNA_F
ClientSampleId :
PB121703BS

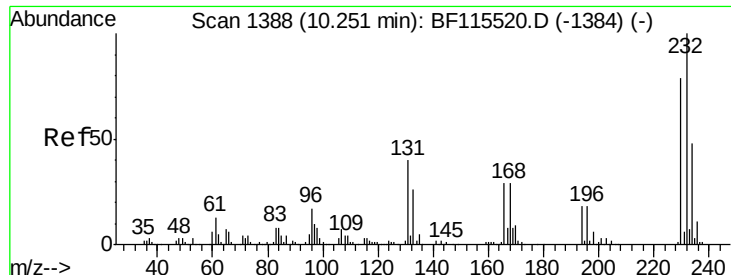
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.5	33.4	50.2
89	67.8	57.3	85.9
182	2.7	2.1	3.1



#58
Fluorene
Concen: 39.802 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.7	11.0	16.6

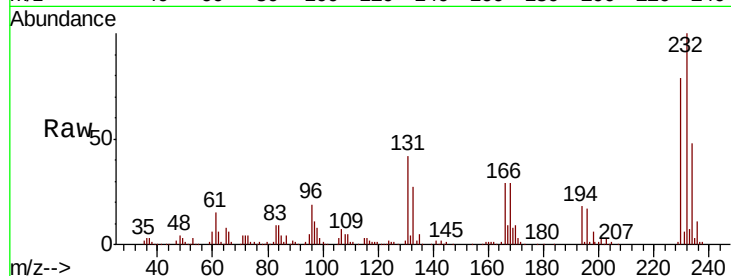




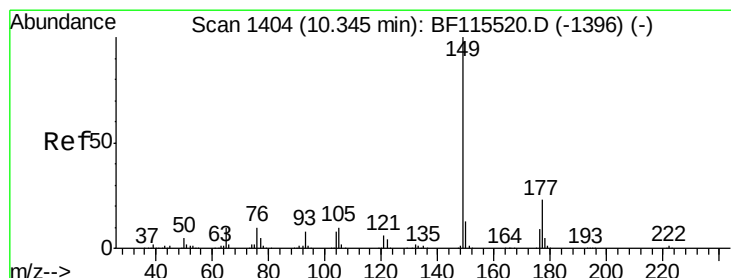
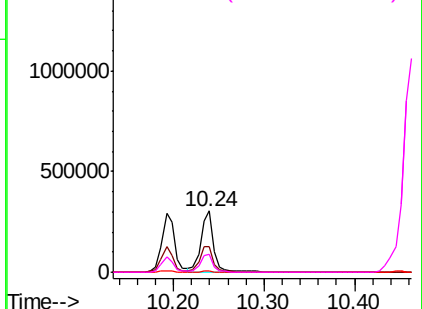
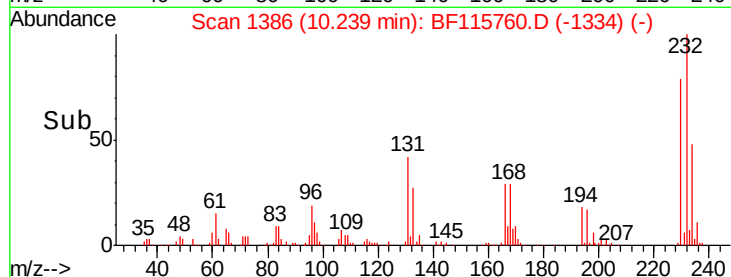
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.658 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion:232 Resp: 300774
 Ion Ratio Lower Upper
 232 100
 131 45.0 35.8 53.8
 130 2.4 1.8 2.6
 166 30.2 23.6 35.4

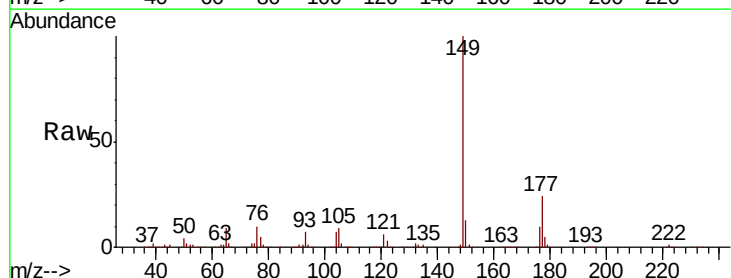


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

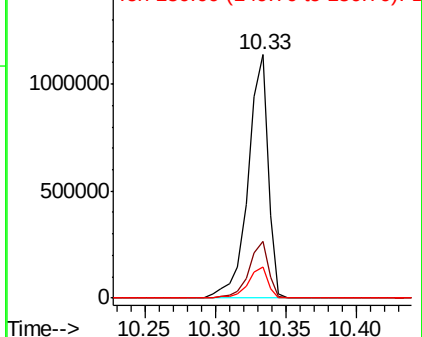
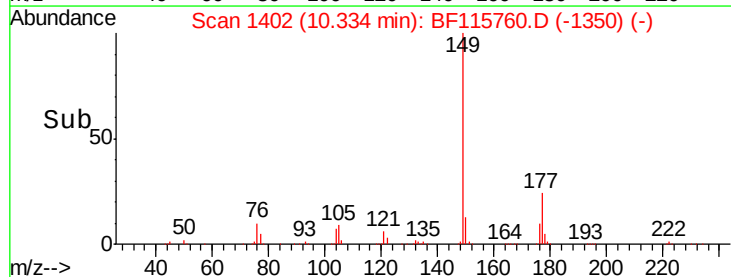


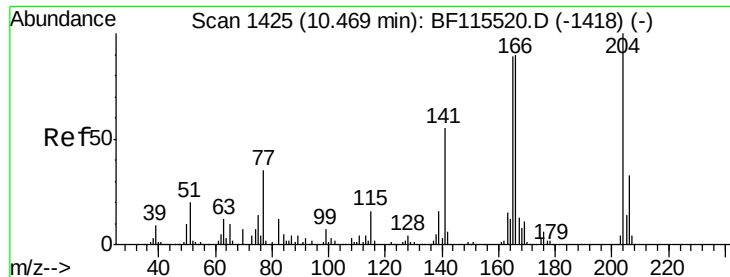
#60
 Diethylphthalate
 Concen: 39.797 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion:149 Resp: 1128586
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.0 28.4
 150 12.6 10.5 15.7



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

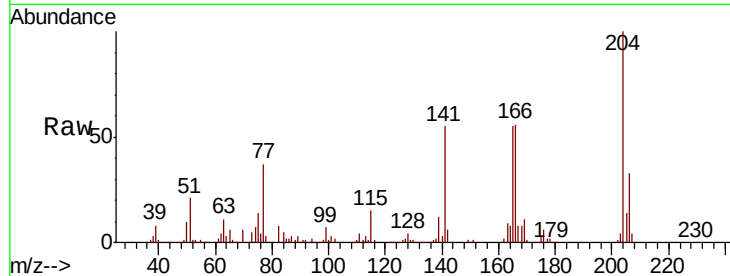




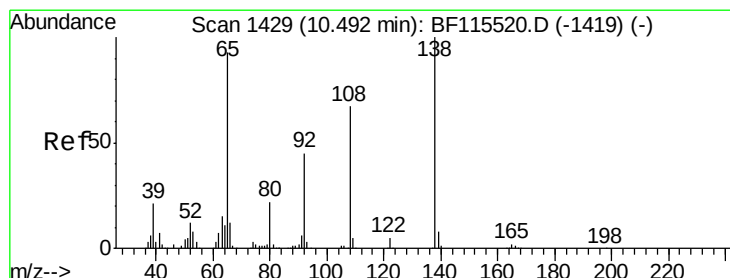
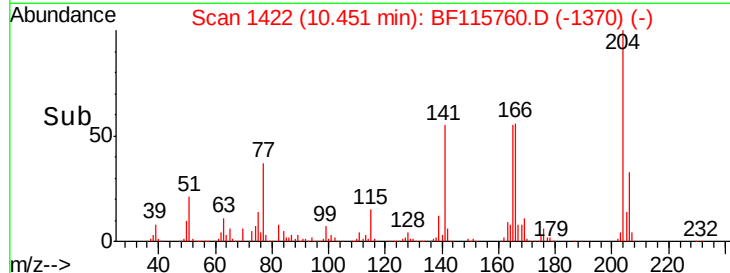
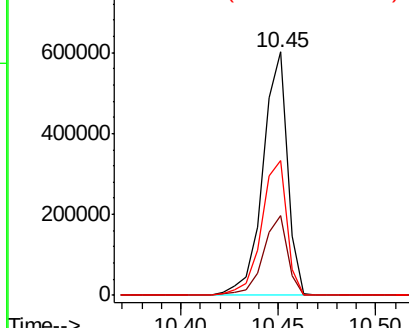
#61
 4-Chlorophenyl-phenylether
 Concen: 37.247 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion:	204	Resp:	525326
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	55.4	47.3	70.9

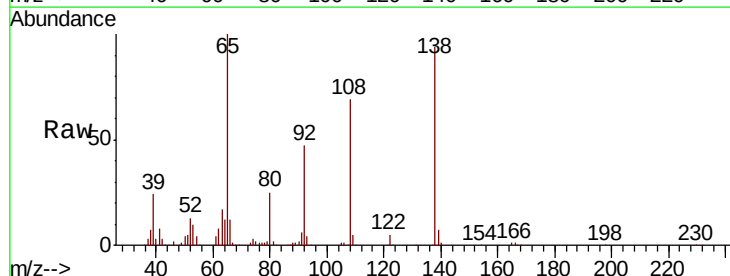


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

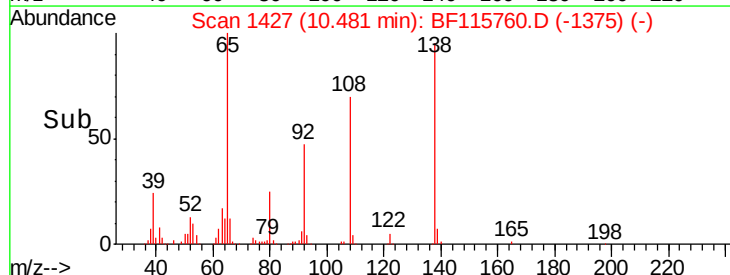
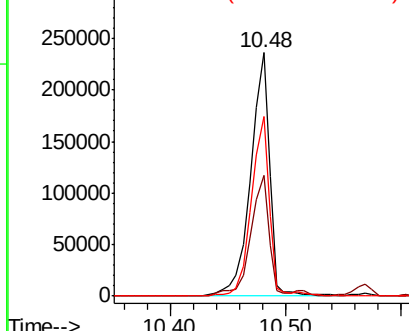


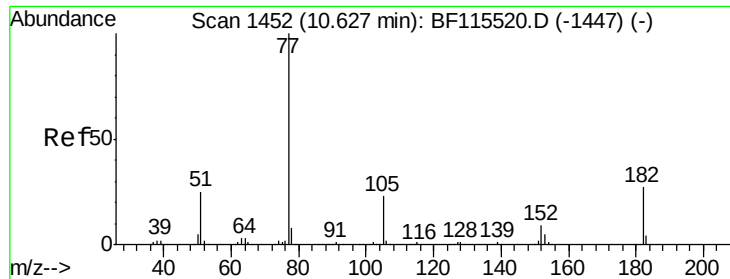
#62
 4-Nitroaniline
 Concen: 35.942 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion:	138	Resp:	270990
Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.3	70.3
108	73.8	55.0	95.0



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





#63

Azobenzene

Concen: 41.558 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

Tot Ion: 77 Resp: 1143135

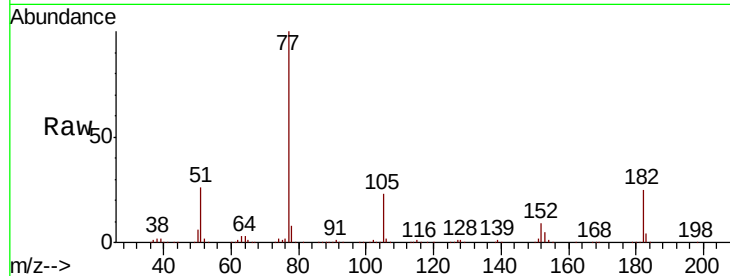
Ion	Ratio	Lower	Upper
77	100		
182	25.4	6.9	46.9
105	22.7	3.1	43.1
51	26.3	6.7	46.7

77 100

182 25.4 6.9 46.9

105 22.7 3.1 43.1

51 26.3 6.7 46.7



Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

2000000

1500000

1000000

500000

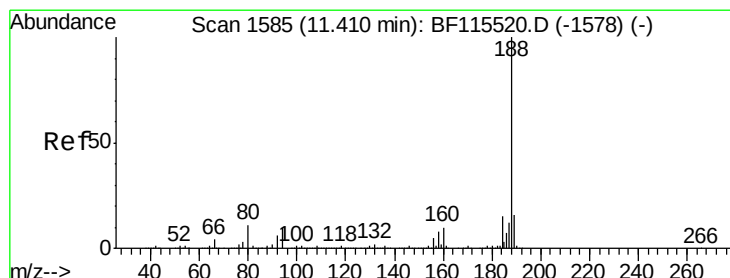
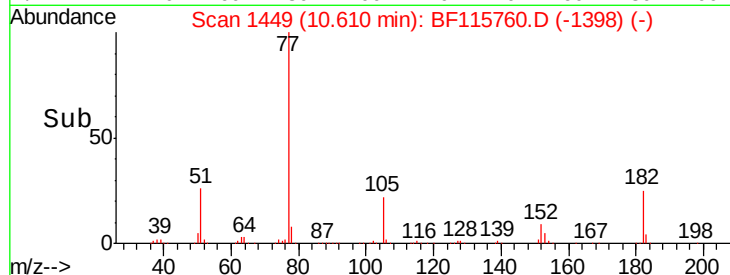
0

10.55

10.60

10.65

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

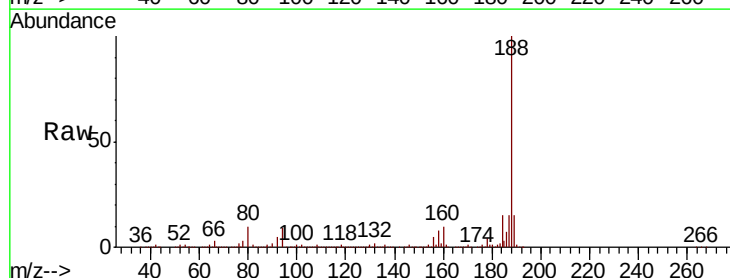
Tgt Ion: 188 Resp: 755231

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	10.1	9.0	13.6

188 100

94 9.2 8.2 12.2

80 10.1 9.0 13.6



Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

1000000

800000

600000

400000

200000

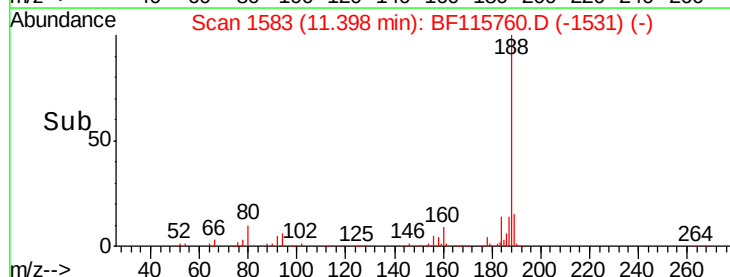
0

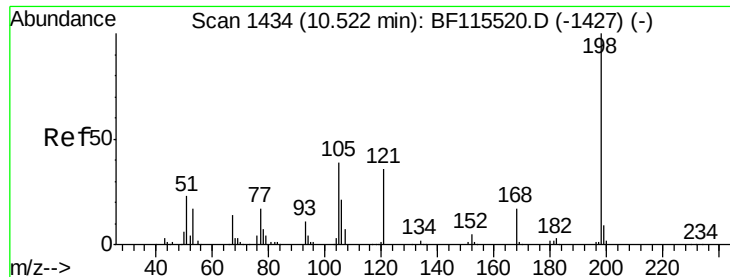
11.35

11.40

11.45

Time-->

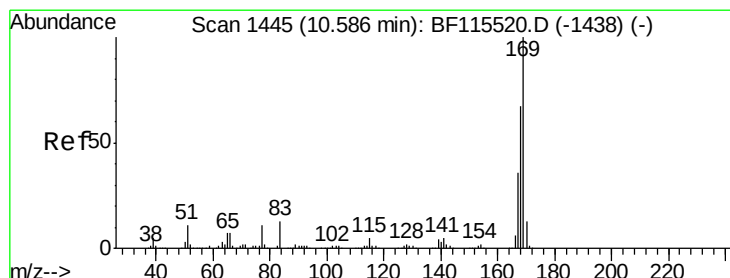
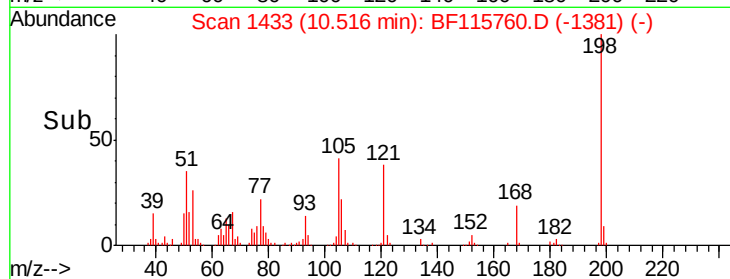
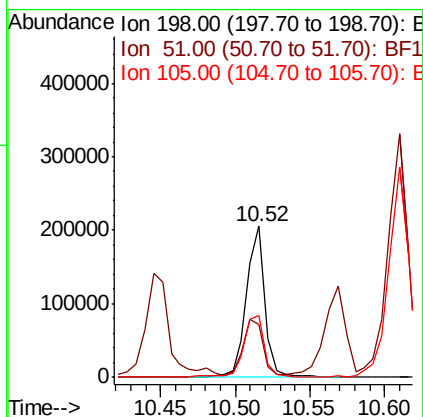
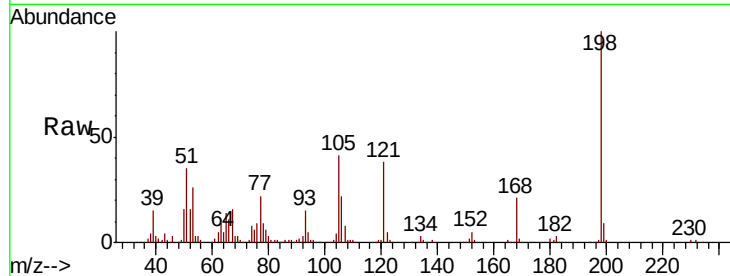




#65
4,6-Dinitro-2-methylphenol
Concen: 38.531 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

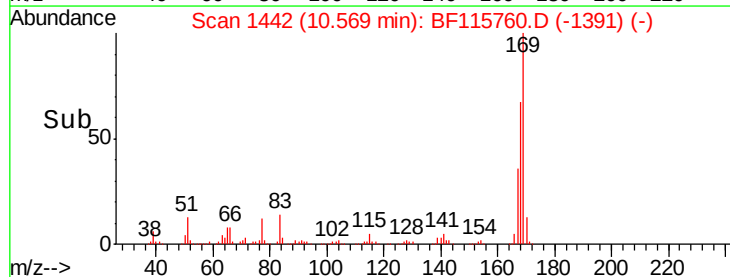
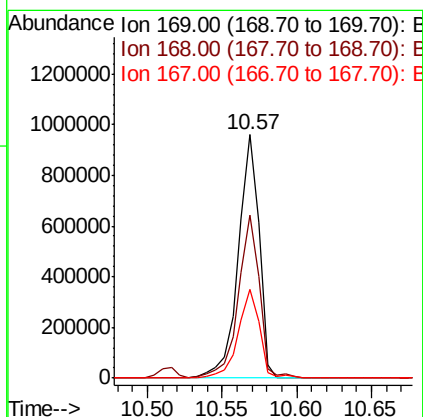
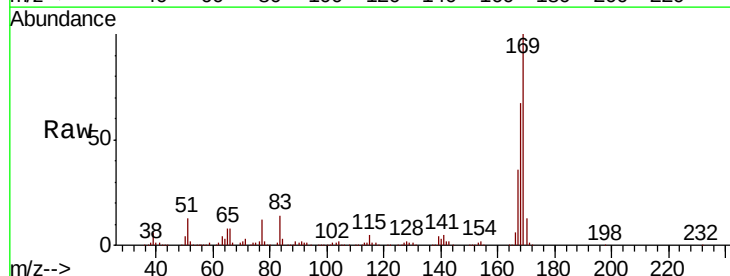
Instrument :
BNA_F
ClientSampleId :
PB121703BS

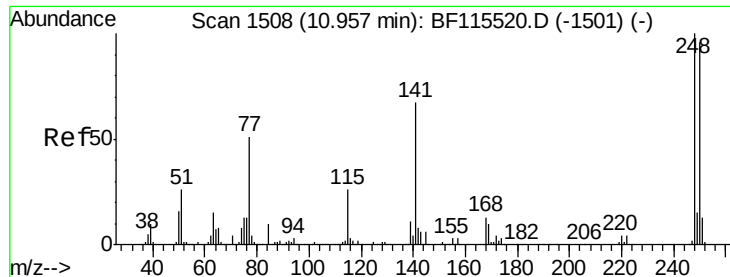
Tot Ion:198 Resp: 177789
Ion Ratio Lower Upper
198 100
51 34.6 20.3 60.3
105 41.0 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 39.916 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:169 Resp: 937718
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.2 29.1 43.7

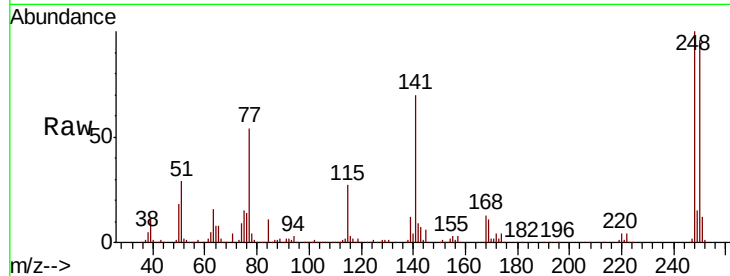




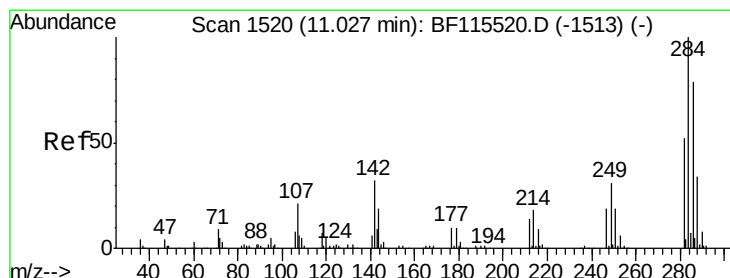
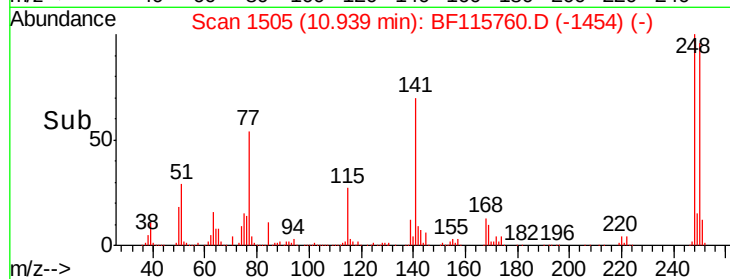
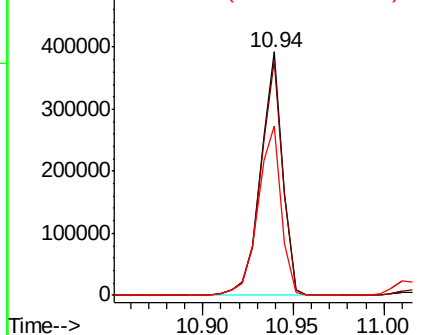
#67
 4-Bromophenyl-phenylether
 Concen: 38.287 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB121703BS

Tot Ion:248 Resp: 330433
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.0 115.4
 141 69.7 52.1 78.1

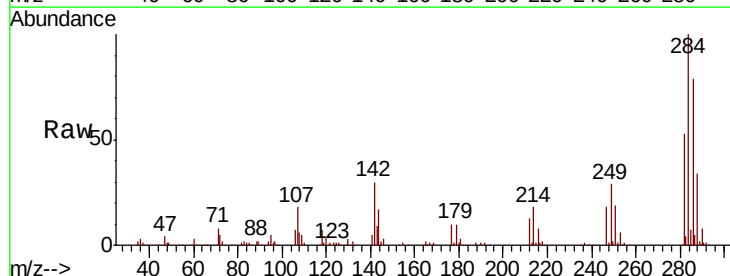


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

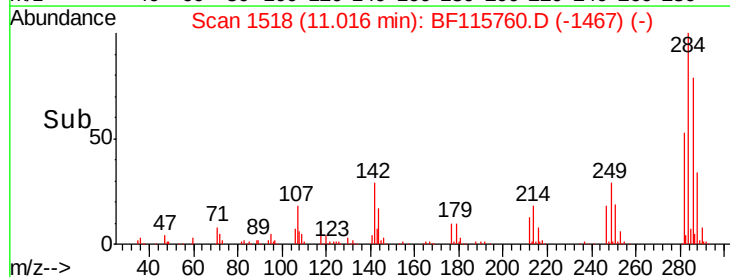
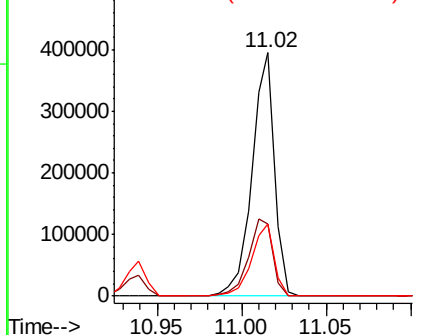


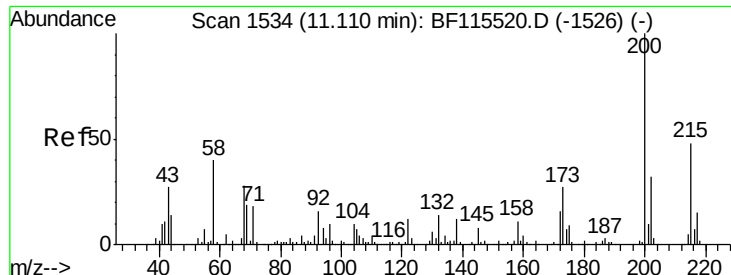
#68
 Hexachlorobenzene
 Concen: 37.398 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF115760.D
 Acq: 25 Jul 2019 15:54

Tgt Ion:284 Resp: 368592
 Ion Ratio Lower Upper
 284 100
 142 29.6 21.8 32.8
 249 29.5 23.1 34.7



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

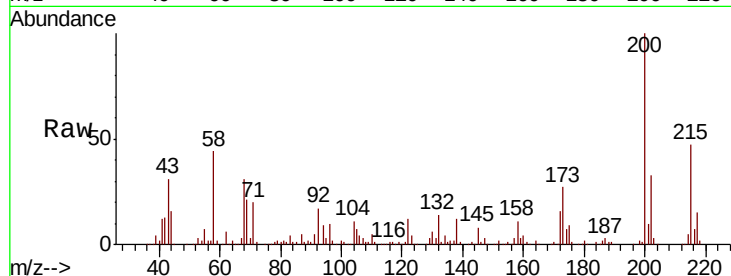




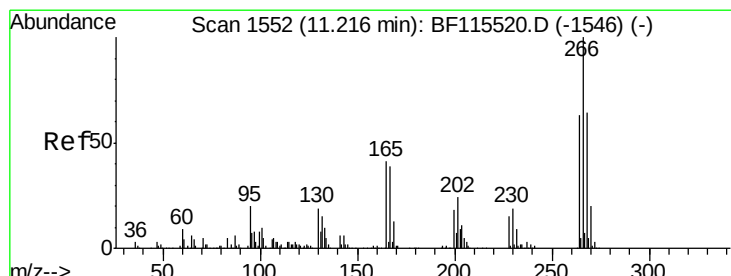
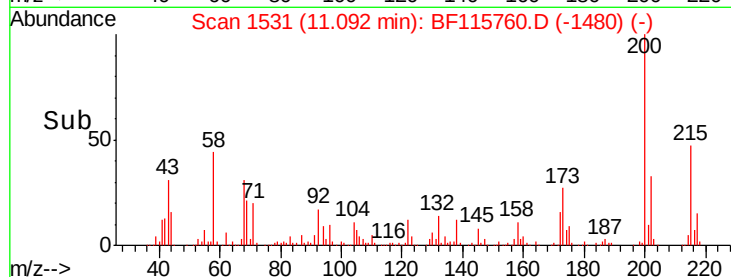
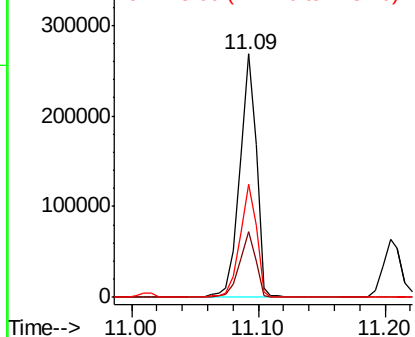
#69
Atrazine
Concen: 31.214 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:200 Resp: 240563
Ion Ratio Lower Upper
200 100
173 27.2 6.9 46.9
215 46.7 26.6 66.6

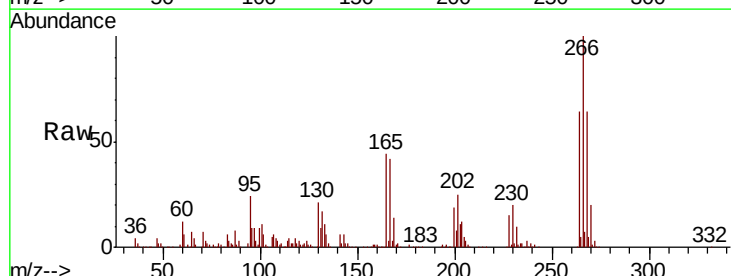


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

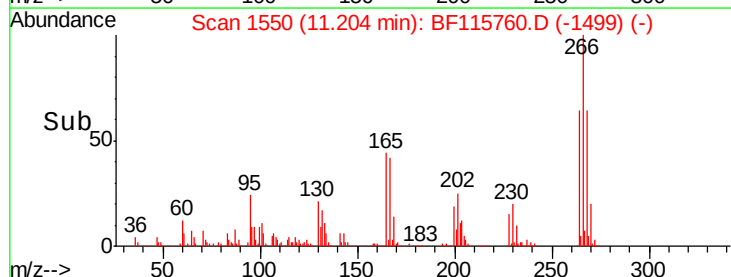
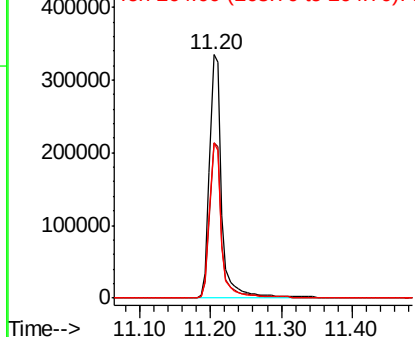


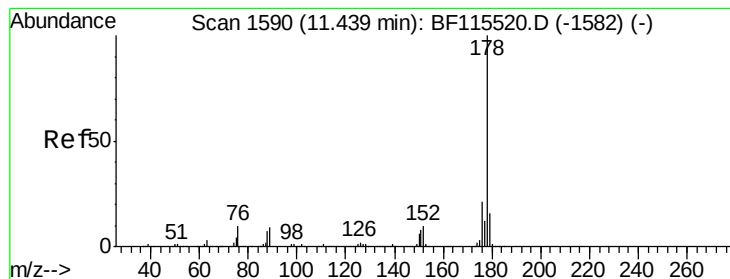
#70
Pentachlorophenol
Concen: 67.372 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:266 Resp: 406133
Ion Ratio Lower Upper
266 100
268 63.6 51.2 76.8
264 64.0 50.0 75.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.914 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

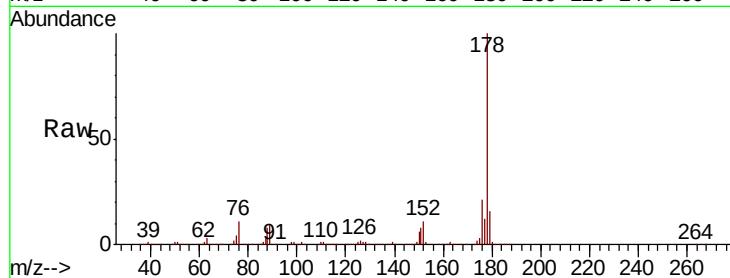
Tot Ion:178 Resp: 1506470

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

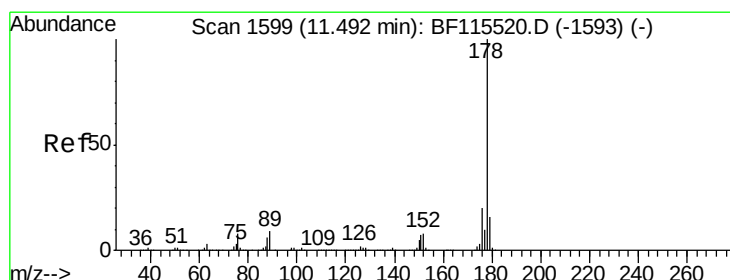
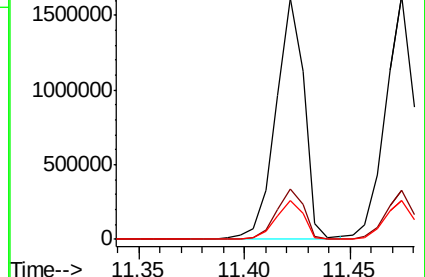
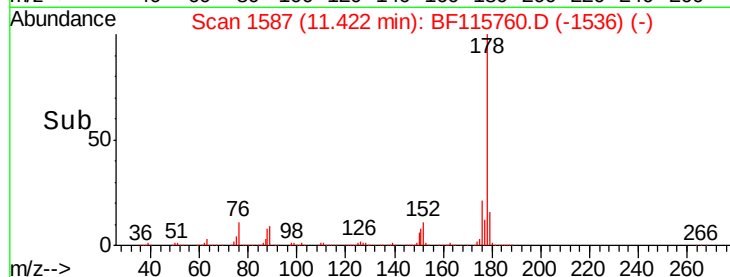
179 16.3 12.7 19.1



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



#72

Anthracene

Concen: 37.864 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

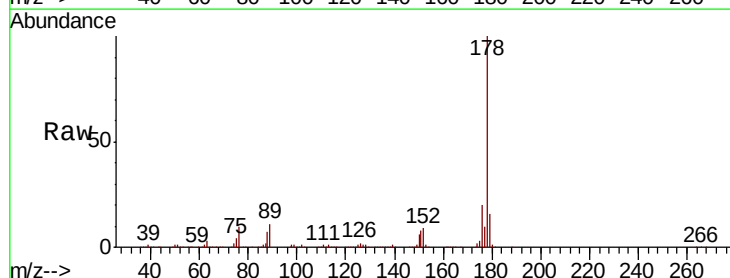
Tgt Ion:178 Resp: 1514849

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

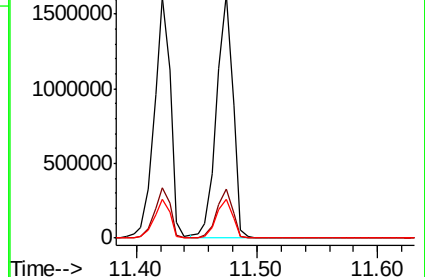
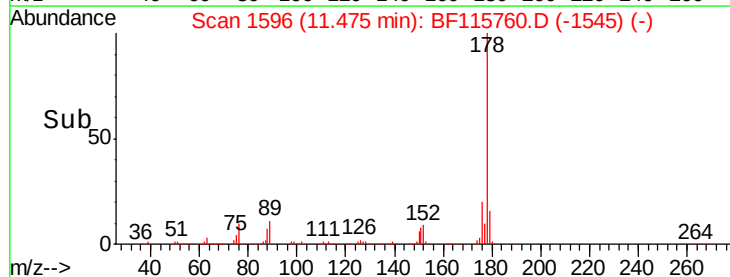
179 16.2 12.6 18.8

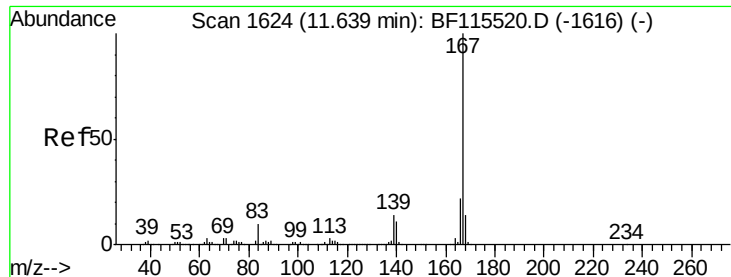


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.814 ng

RT: 11.63 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

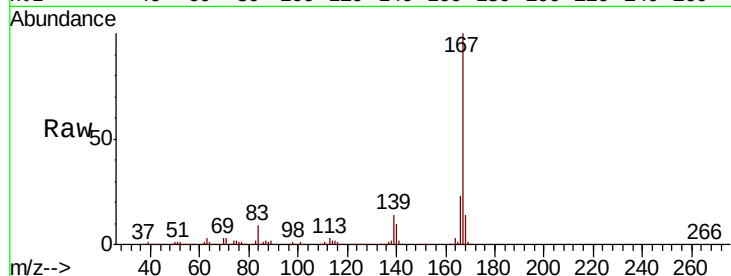
Tot Ion:167 Resp: 1361732

Ion Ratio Lower Upper

167 100

166 22.8 18.0 27.0

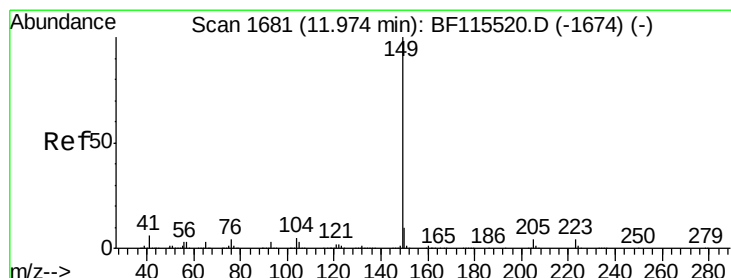
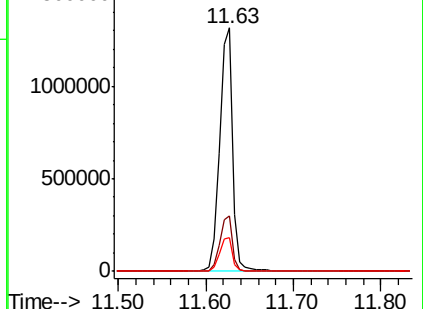
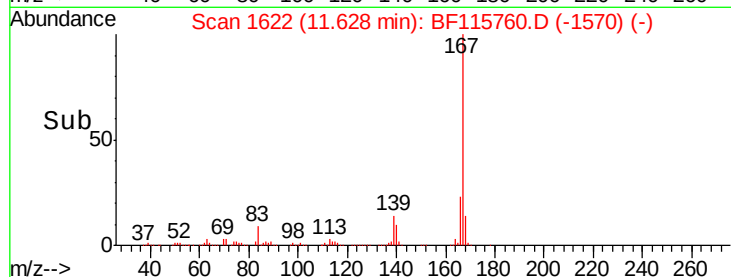
139 13.7 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.147 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

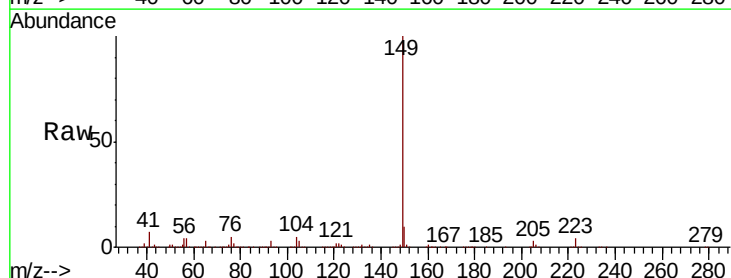
Tgt Ion:149 Resp: 1734966

Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

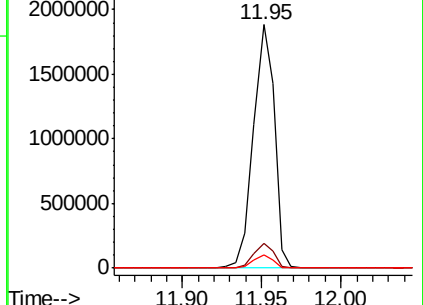
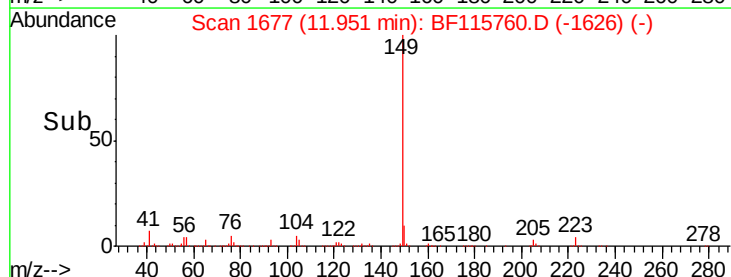
104 5.4 4.3 6.5

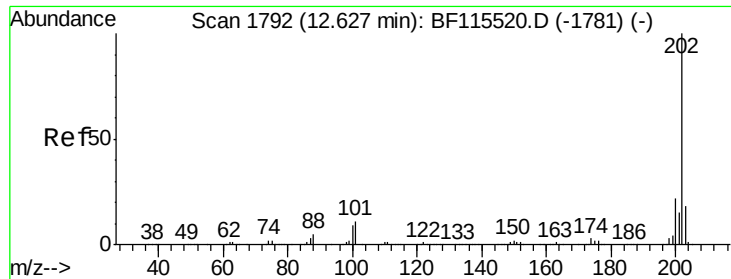


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

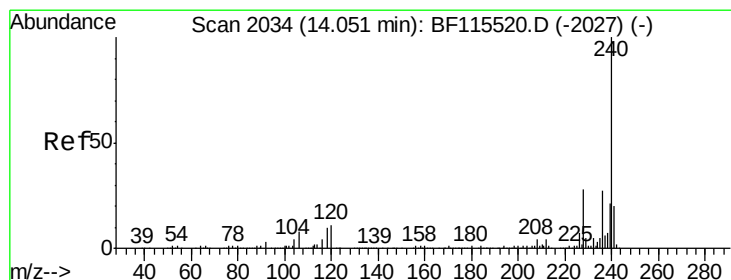
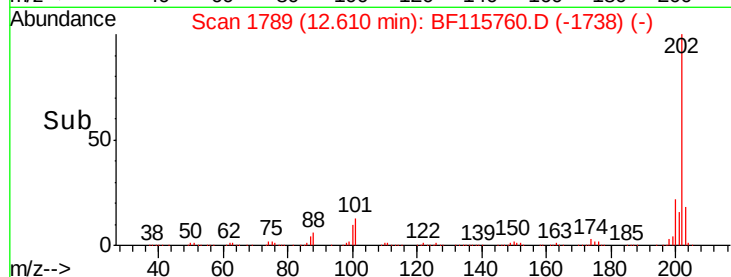
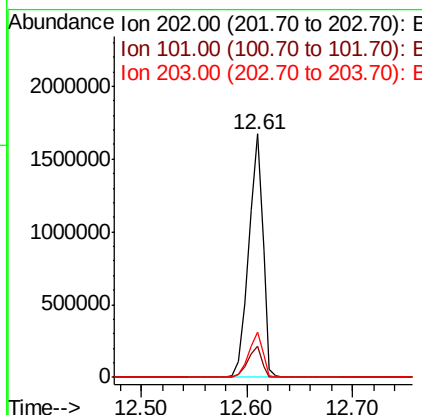
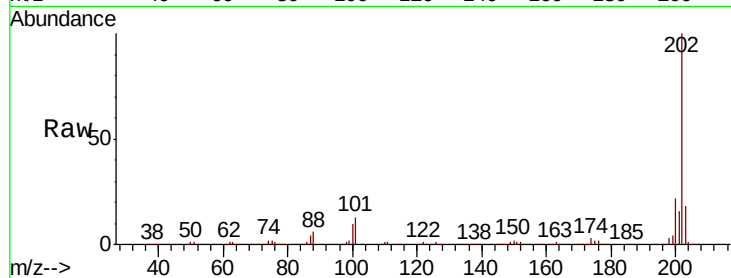




#75
Fluoranthene
Concen: 38.098 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

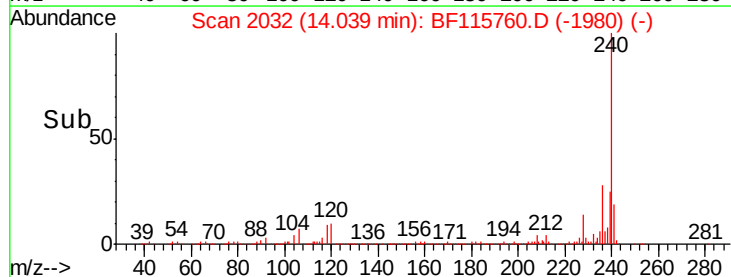
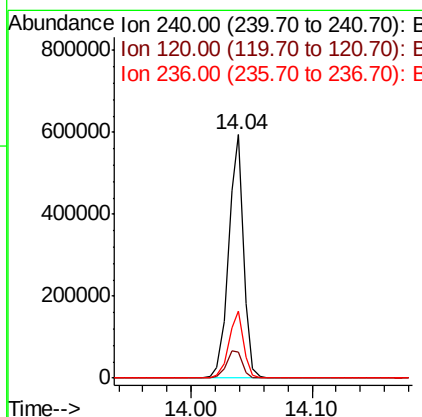
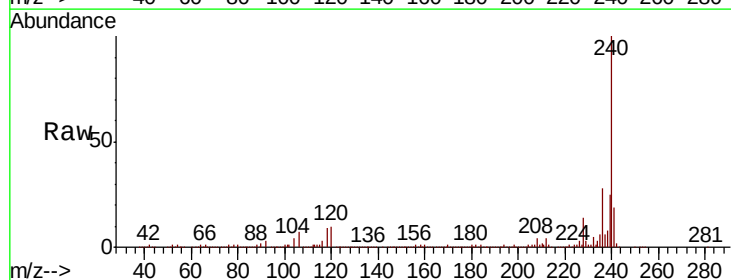
Instrument :
BNA_F
ClientSampleId :
PB121703BS

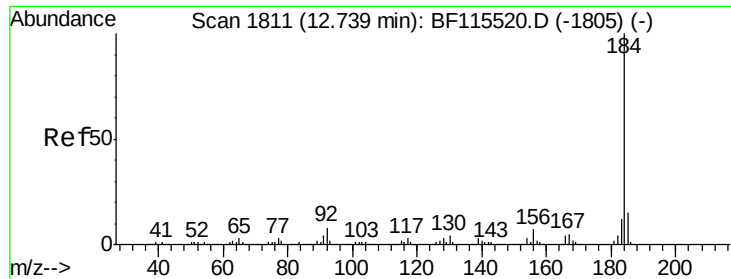
Tot Ion:202 Resp: 1558529
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.6
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:240 Resp: 506559
Ion Ratio Lower Upper
240 100
120 10.4 10.0 15.0
236 27.6 21.8 32.6





#77

Benzidine

Concen: 12.211 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

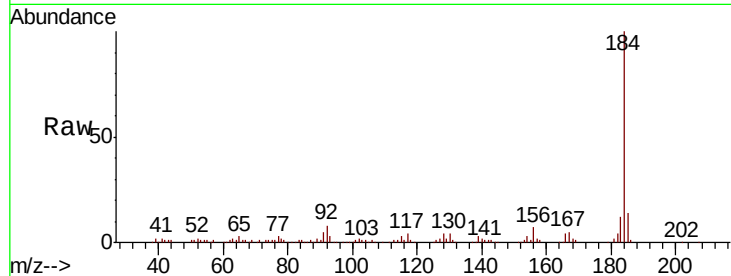
Tot Ion:184 Resp: 219132

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

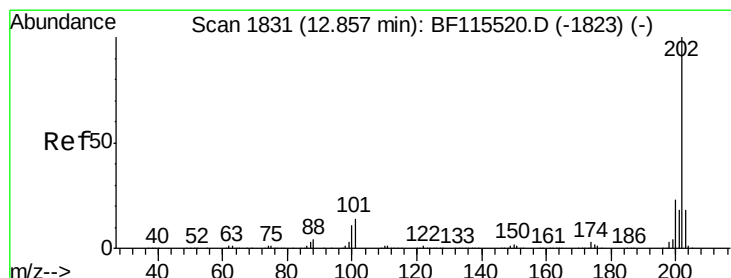
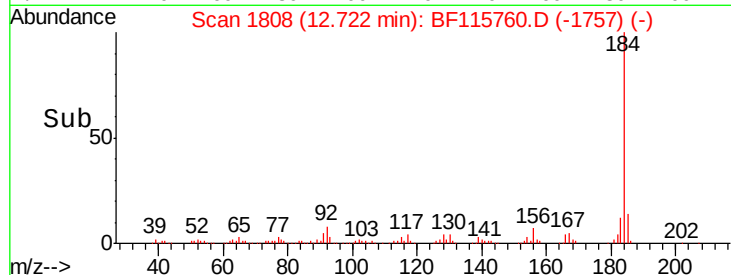
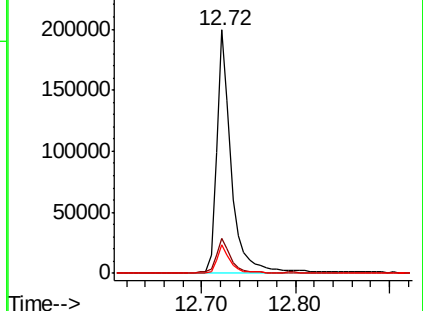
183 11.7 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.622 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

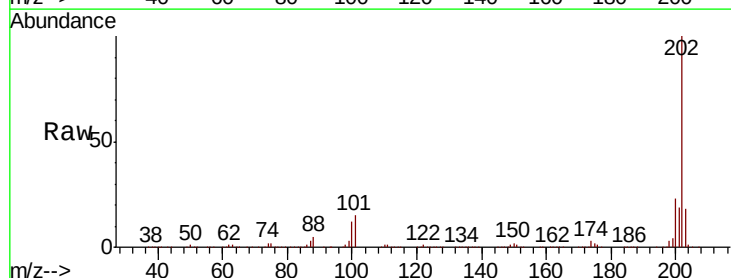
Tgt Ion:202 Resp: 1571746

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.4

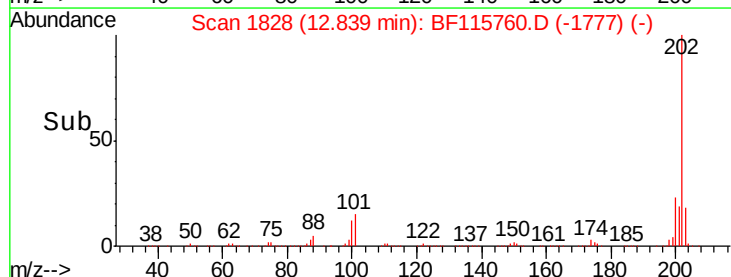
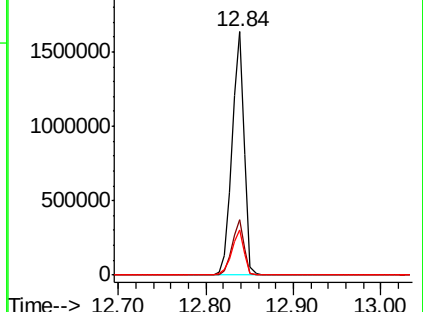
203 18.4 14.6 21.8

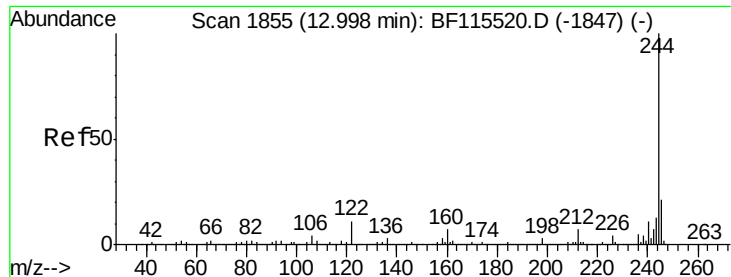


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.675 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

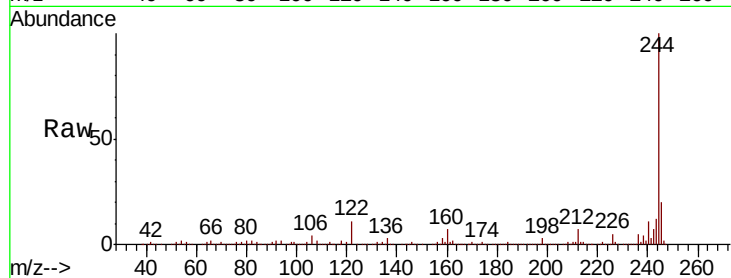
Tot Ion:244 Resp: 1995177

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

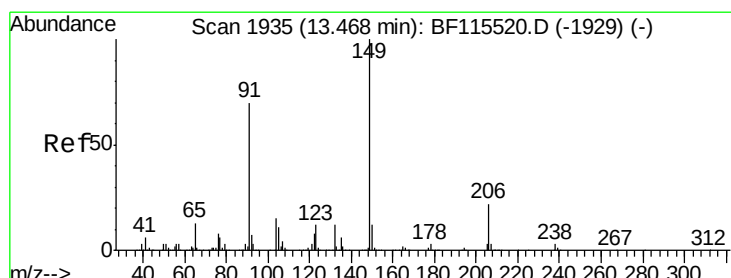
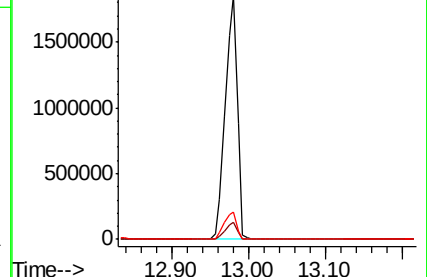
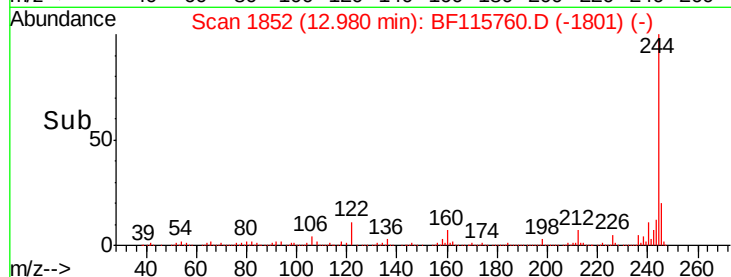
122 11.1 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.545 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

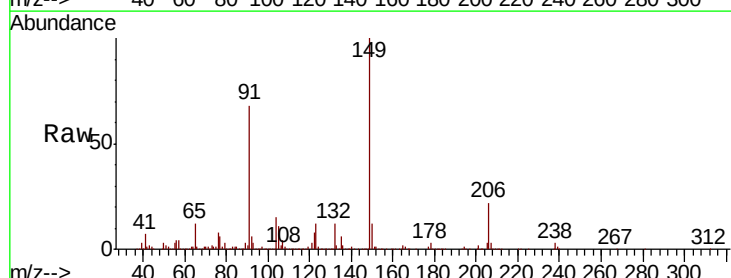
Tgt Ion:149 Resp: 741800

Ion Ratio Lower Upper

149 100

91 68.3 59.8 89.8

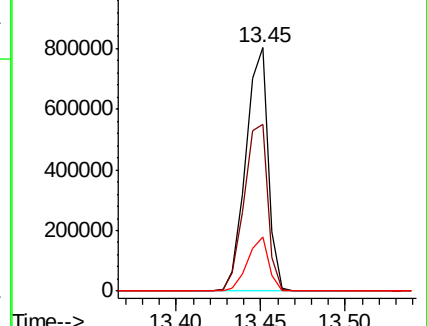
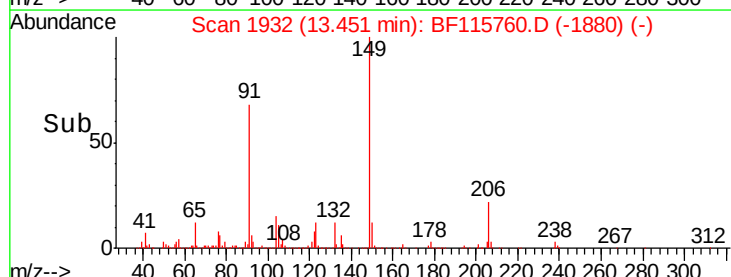
206 22.5 16.2 24.4

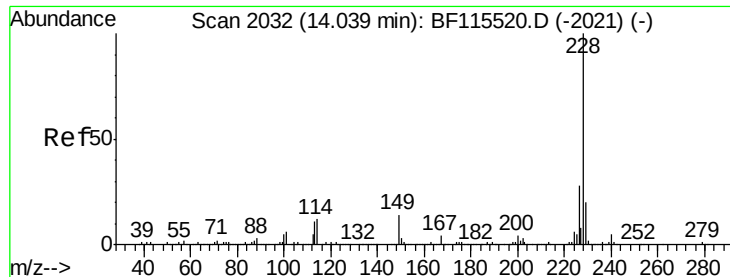


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

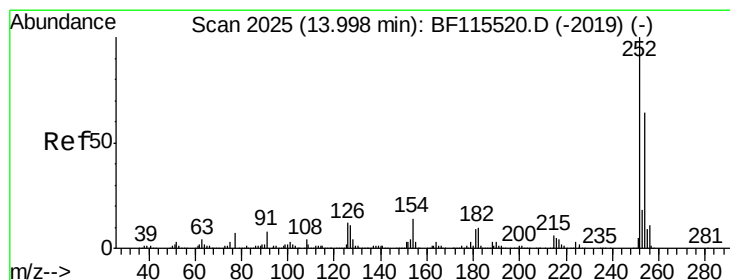
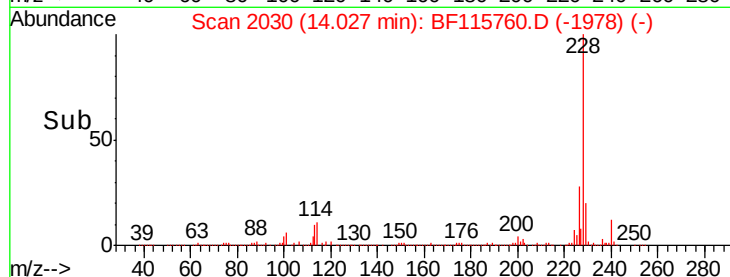
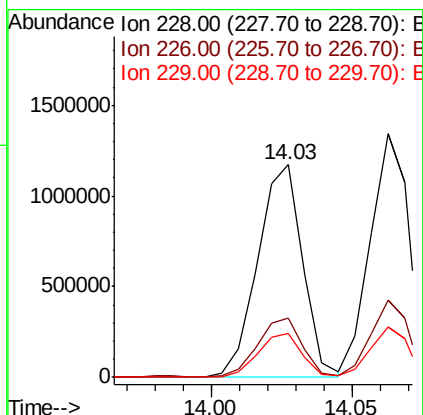
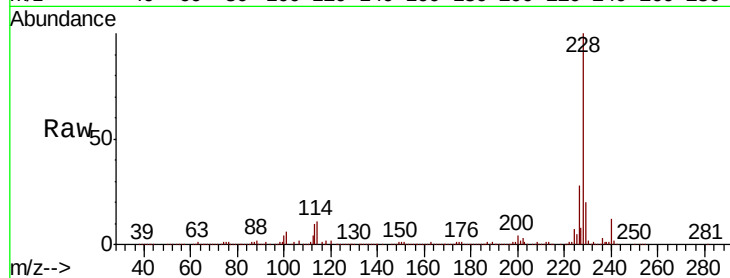




#81
Benzo(a)anthracene
Concen: 38.676 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

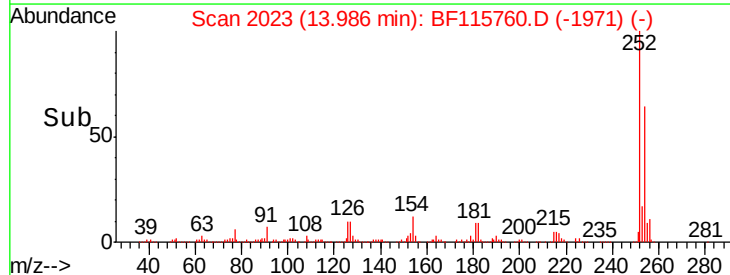
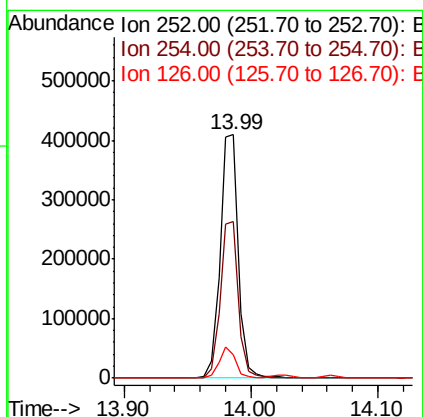
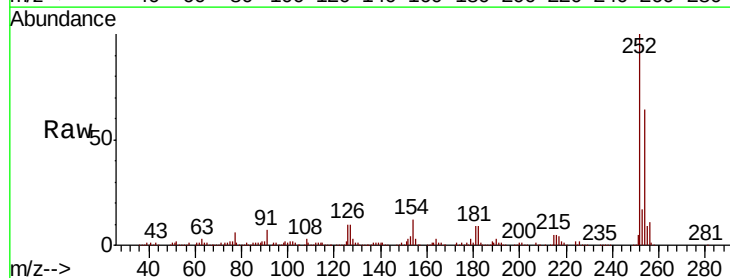
Instrument :
BNA_F
ClientSampleId :
PB121703BS

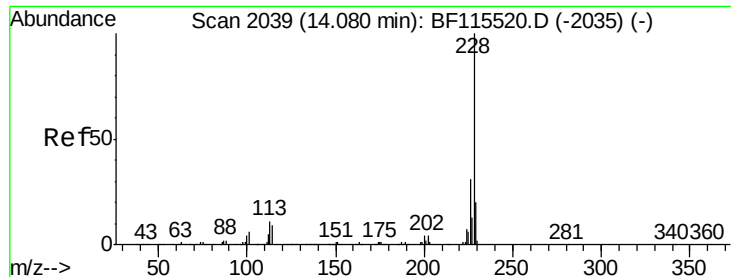
Tot Ion:228 Resp: 1290690
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.2
229 20.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.730 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:252 Resp: 412021
Ion Ratio Lower Upper
252 100
254 64.1 51.6 77.4
126 9.7 9.9 14.9#





#83

Chrysene

Concen: 37.742 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

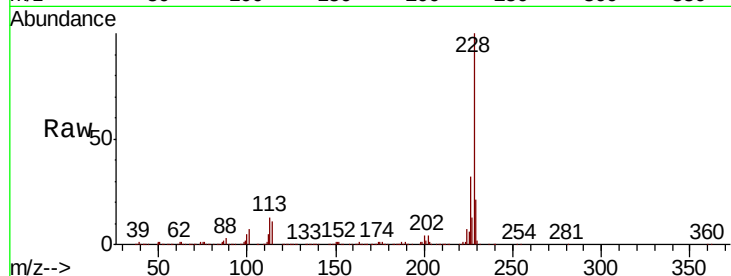
Tot Ion:228 Resp: 1264394

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.4

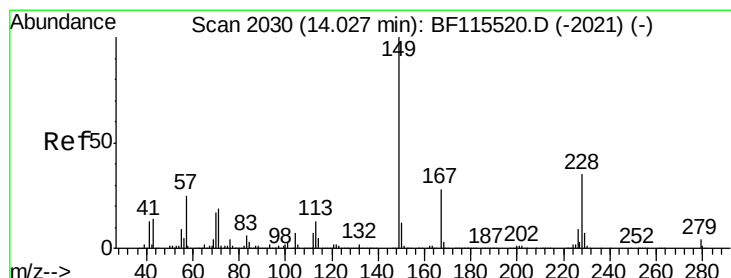
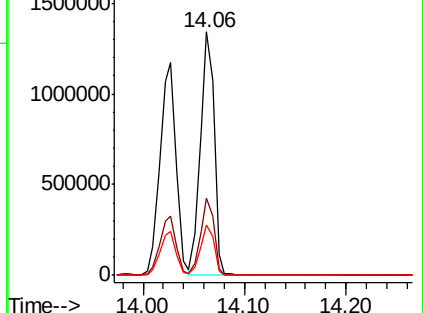
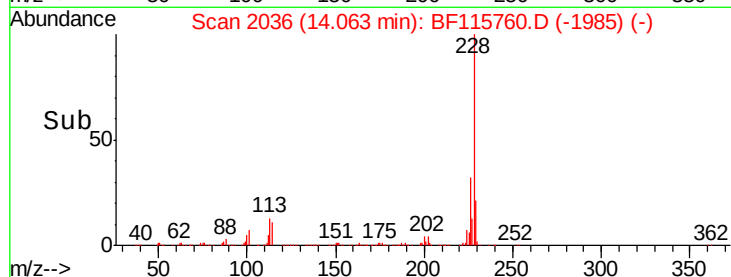
229 20.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.594 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

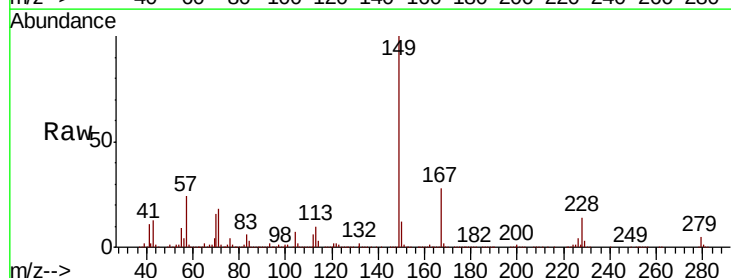
Tgt Ion:149 Resp: 1010604

Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

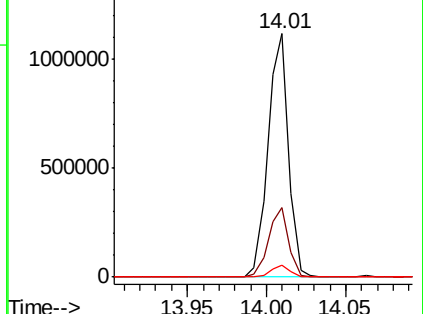
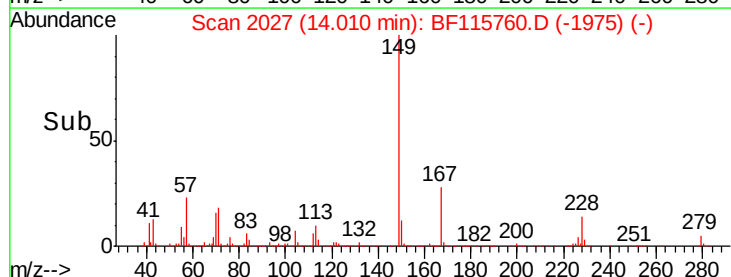
279 4.7 3.1 4.7

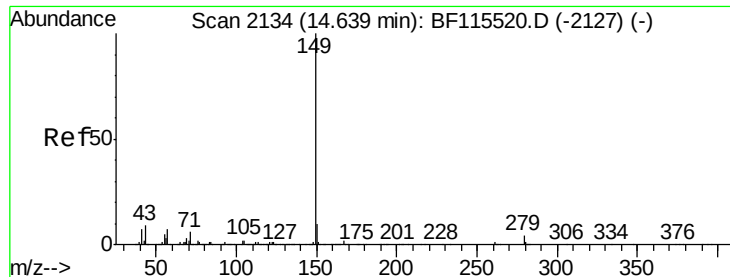


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

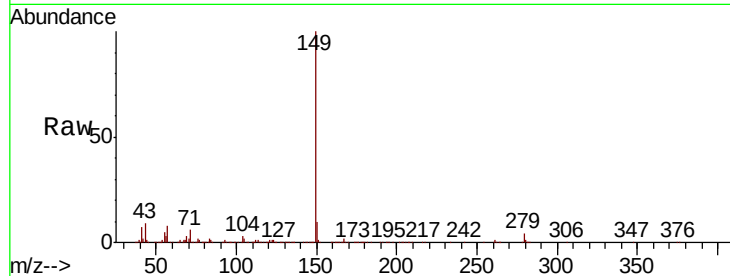




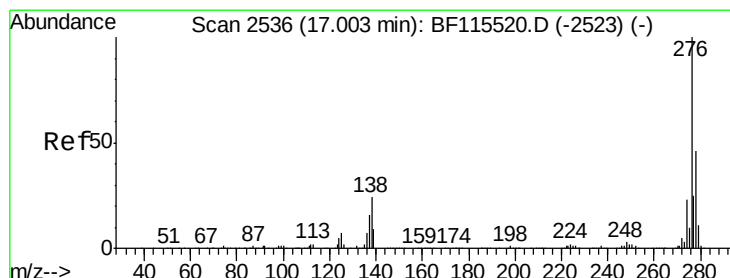
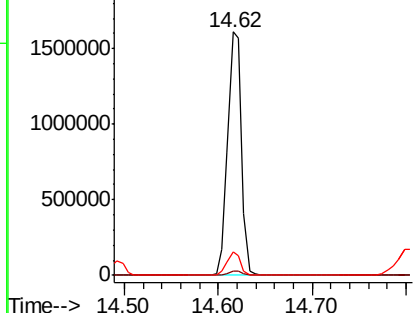
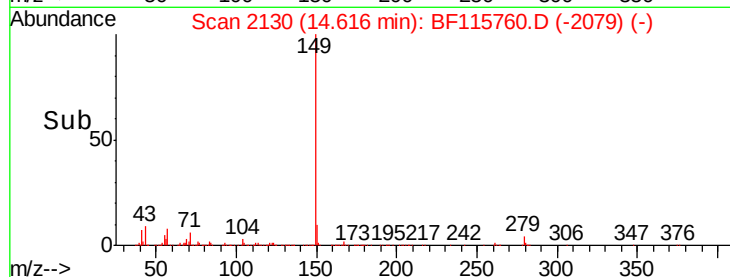
#85
Di-n-octyl phthalate
Concen: 45.616 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:149 Resp: 1644822
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.4 11.0

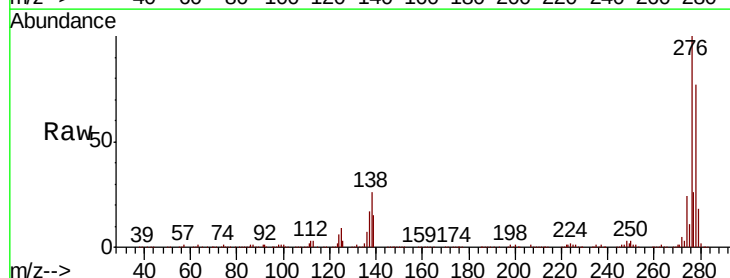


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

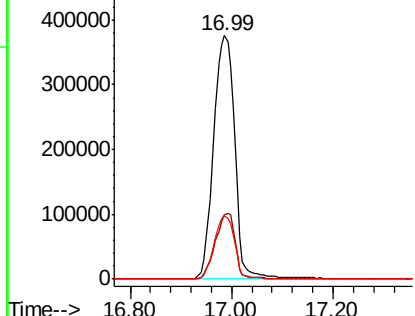
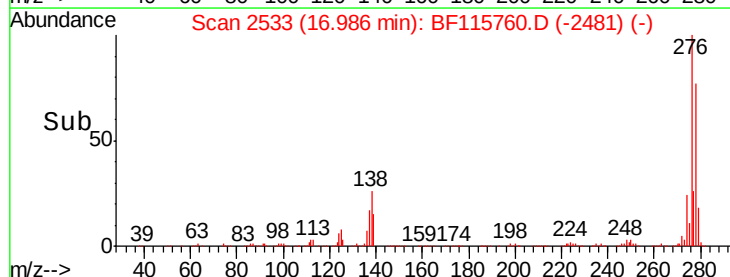


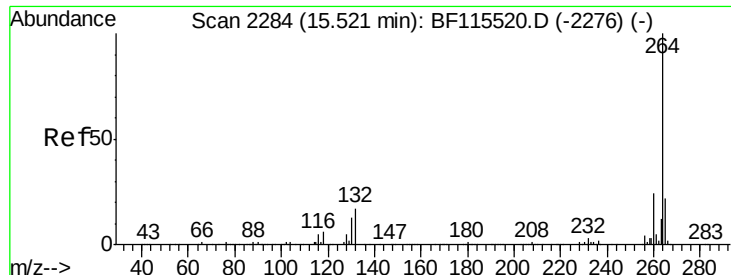
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.444 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:276 Resp: 1094204
Ion Ratio Lower Upper
276 100
138 25.5 20.1 30.1
277 25.4 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

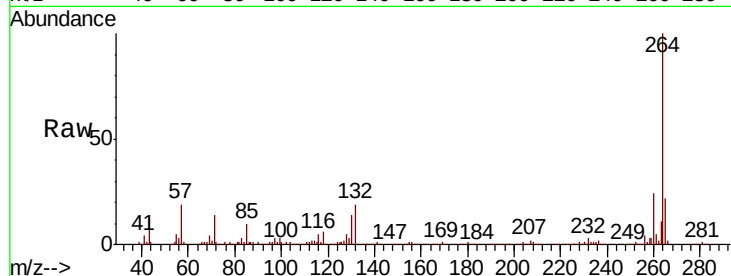




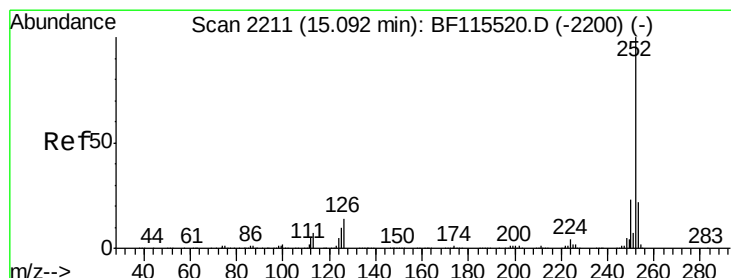
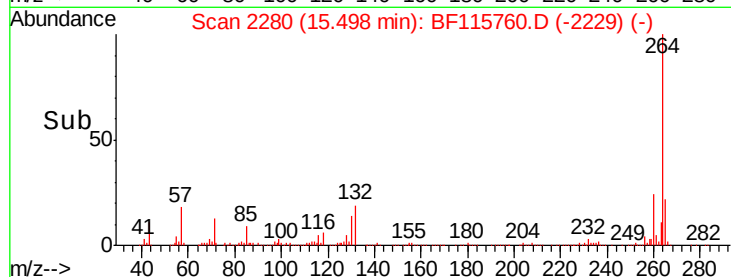
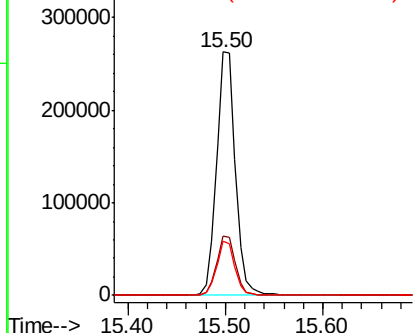
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Instrument :
BNA_F
ClientSampleId :
PB121703BS

Tot Ion:264 Resp: 352257
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 22.3 17.5 26.3

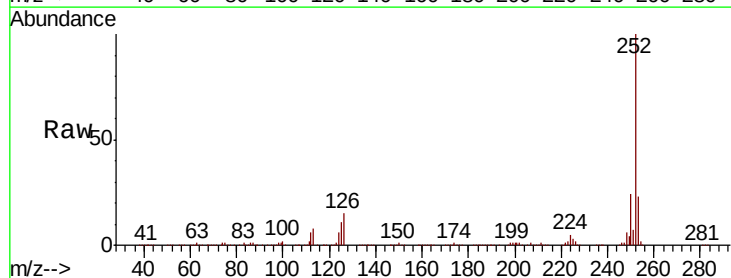


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

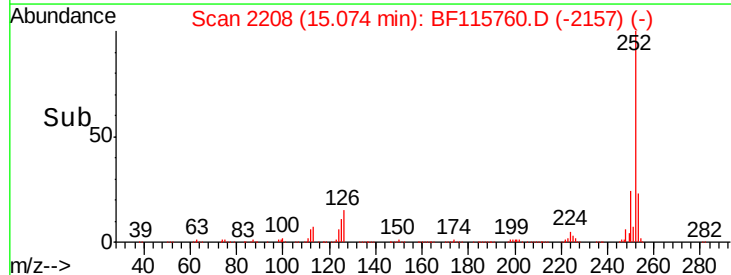
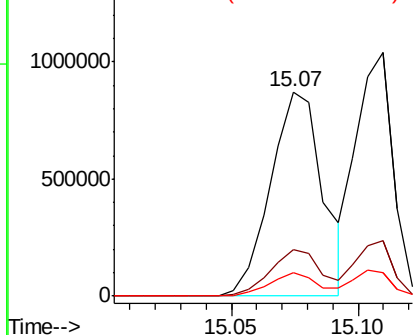


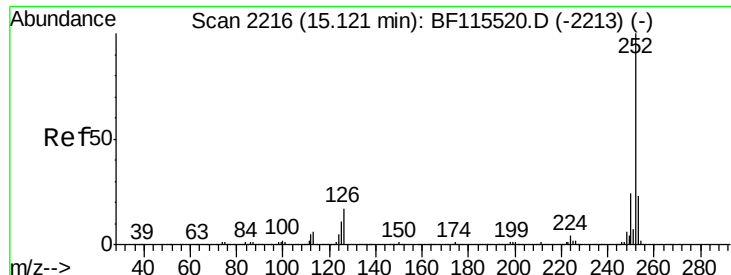
#88
Benzo(b)fluoranthene
Concen: 55.237 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:252 Resp: 1252918
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.2 8.4 12.6



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

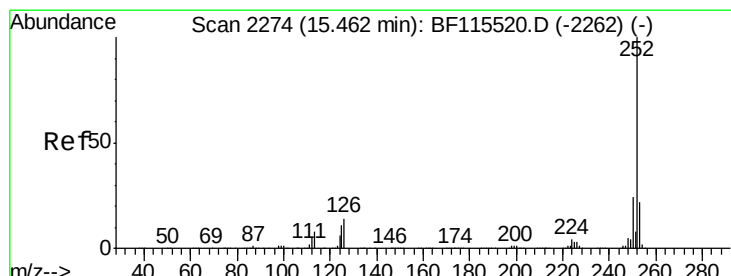
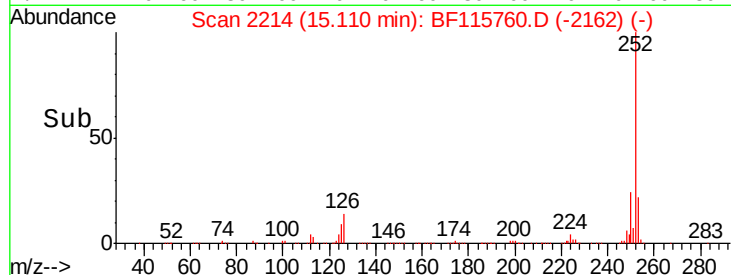
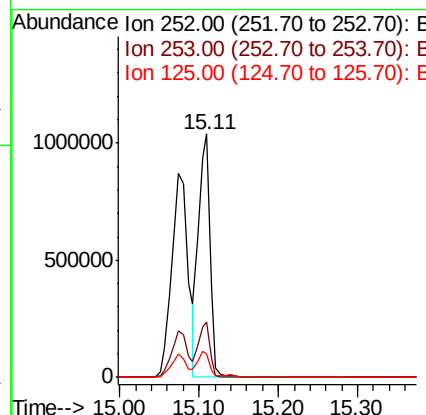
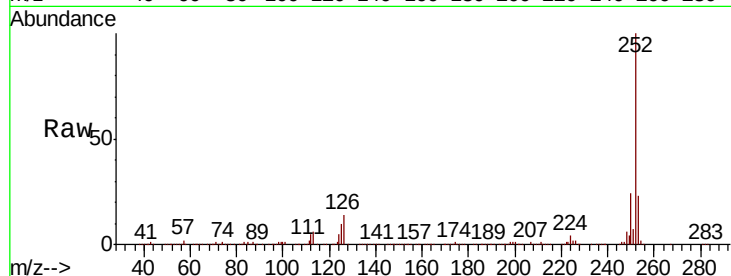




#89
Benzo(k)fluoranthene
Concen: 52.907 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

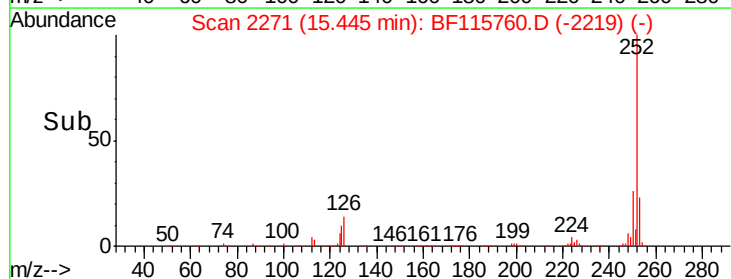
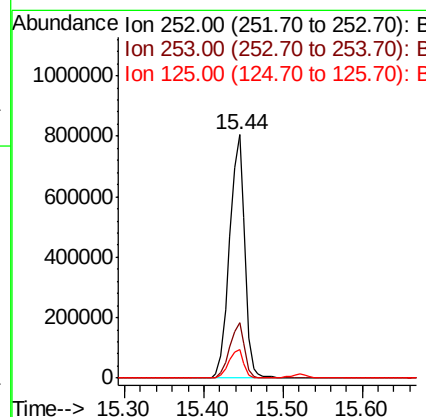
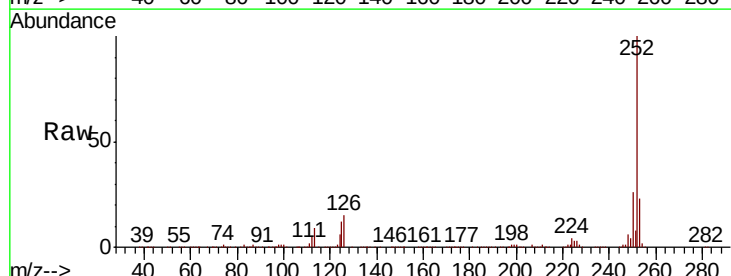
Instrument :
BNA_F
ClientSampleId :
PB121703BS

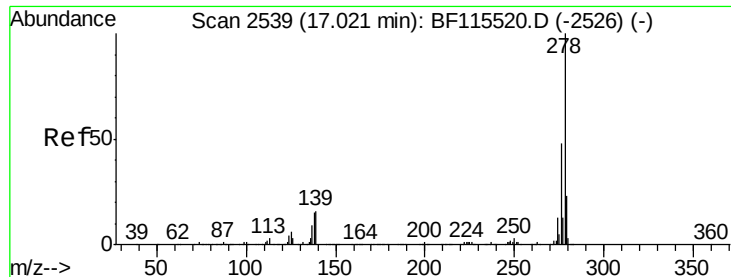
Tot Ion:252 Resp: 1069931
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 9.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 54.907 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115760.D
Acq: 25 Jul 2019 15:54

Tgt Ion:252 Resp: 1070426
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 11.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 54.509 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

Instrument :

BNA_F

ClientSampleId :

PB121703BS

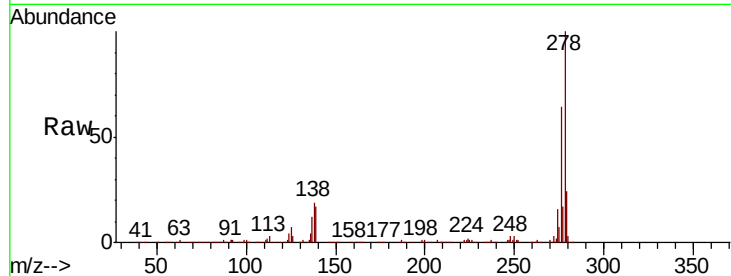
Tot Ion:278 Resp: 932920

Ion Ratio Lower Upper

278 100

139 16.9 13.6 20.4

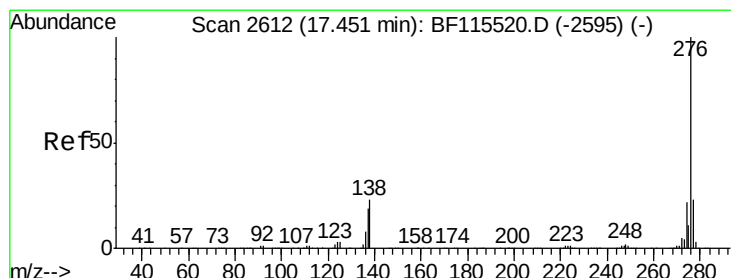
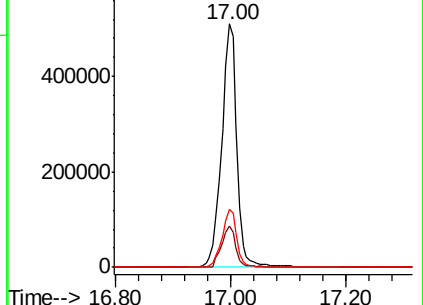
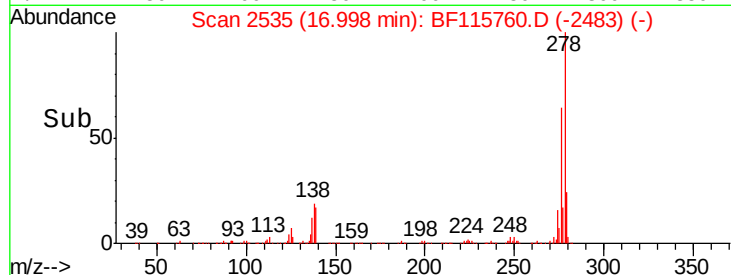
279 23.7 19.6 29.4



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: 51.933 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF115760.D

Acq: 25 Jul 2019 15:54

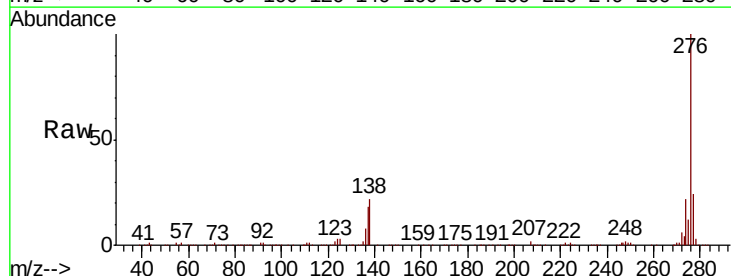
Tgt Ion:276 Resp: 886448

Ion Ratio Lower Upper

276 100

277 24.1 18.1 27.1

138 22.2 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

