

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115583.D
 Acq On : 16 Jul 2019 8:12
 Operator : HP/JU
 Sample : PB121214BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:26:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	214212	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	744413	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	372584	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	715685	20.00	ng	0.00
76) Chrysene-d12	14.04	240	430556	20.00	ng	0.00
87) Perylene-d12	15.52	264	298677	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1562512	119.31	ng	0.02
7) Phenol-d6	6.52	99	2077619	125.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	1129080	88.19	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	549198	126.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2033240	95.52	ng	0.00
79) Terphenyl-d14	12.99	244	2086985	89.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	247465	37.882	ng	99
3) Pyridine	3.55	79	624168	35.217	ng	99
4) n-Nitrosodimethylamine	3.49	42	269099	41.853	ng	99
6) Aniline	6.55	93	608722	26.323	ng	98
8) 2-Chlorophenol	6.67	128	660121	43.842	ng	99
9) Benzaldehyde	6.43	77	55468	5.342	ng	97
10) Phenol	6.53	94	802646	41.609	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	642613	43.754	ng	99
12) 1,3-Dichlorobenzene	6.83	146	672012	39.697	ng	99
13) 1,4-Dichlorobenzene	6.90	146	687952	40.730	ng	96
14) 1,2-Dichlorobenzene	7.06	146	623759	40.399	ng	98
15) Benzyl Alcohol	7.03	79	575869	43.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	833335	43.098	ng	97
17) 2-Methylphenol	7.14	107	562362	43.340	ng	99
18) Hexachloroethane	7.40	117	218680	34.881	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	389683	35.957	ng	99
20) 3+4-Methylphenols	7.29	107	562020	36.465	ng	97
22) Acetophenone	7.29	105	772517	45.936	ng	99
24) Nitrobenzene	7.46	77	615537	44.577	ng	96
25) Isophorone	7.70	82	1134057	44.269	ng	99
26) 2-Nitrophenol	7.78	139	325768	45.835	ng	99
27) 2,4-Dimethylphenol	7.82	122	538493	50.637	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	688426	43.804	ng	99
29) 2,4-Dichlorophenol	8.02	162	506471	45.794	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	549853	43.982	ng	99
31) Naphthalene	8.19	128	1620097	44.938	ng	97
32) Benzoic acid	7.96	122	387563	44.408	ng	100
33) 4-Chloroaniline	8.23	127	382254	23.937	ng	98
34) Hexachlorobutadiene	8.31	225	310229	43.273	ng	100
35) Caprolactam	8.62	113	97265	28.460	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	528348	46.054	ng	97
37) 2-Methylnaphthalene	8.88	142	1121401	46.925	ng	98
38) 1-Methylnaphthalene	8.98	142	1038009	45.729	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	500888	44.643	ng	98

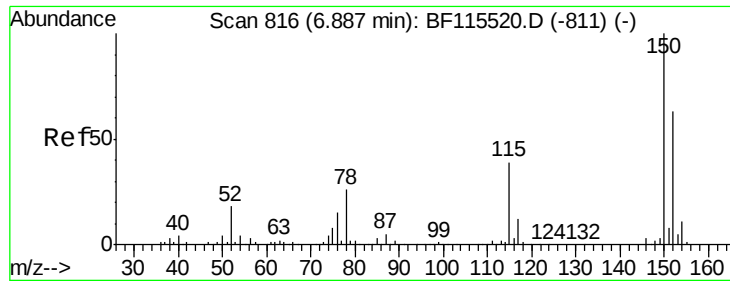
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115583.D
 Acq On : 16 Jul 2019 8:12
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	433623	67.751	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	378387	46.117	nq	98
44) 2,4,5-Trichlorophenol	9.21	196	375400	44.676	nq	96
46) 1,1'-Biphenyl	9.35	154	1336164	45.872	nq	99
47) 2-Chloronaphthalene	9.37	162	1058348	43.637	nq	98
48) 2-Nitroaniline	9.46	65	317437	42.286	nq	96
49) Acenaphthylene	9.79	152	1588377	44.198	nq	98
50) Dimethylphthalate	9.65	163	1238428	44.179	nq	99
51) 2,6-Dinitrotoluene	9.70	165	287355	45.107	nq	100
52) Acenaphthene	9.96	154	1142372	49.235	nq	98
53) 3-Nitroaniline	9.87	138	231322	31.775	nq	98
54) 2,4-Dinitrophenol	9.98	184	325708	99.583	nq	99
55) Dibenzofuran	10.13	168	1422109	43.160	nq	99
56) 4-Nitrophenol	10.04	139	461339	83.105	nq	98
57) 2,4-Dinitrotoluene	10.11	165	379295	45.957	nq	96
58) Fluorene	10.47	166	1059274	44.969	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	326452	46.475	nq	99
60) Diethylphthalate	10.35	149	1186393	45.170	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	547047	41.878	nq	97
62) 4-Nitroaniline	10.49	138	277470	39.735	nq	100
63) Azobenzene	10.62	77	1137466	44.649	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	203486	46.537	nq	93
66) n-Nitrosodiphenylamine	10.58	169	986735	44.323	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	348959	42.667	nq	98
68) Hexachlorobenzene	11.03	284	399093	42.730	nq	97
69) Atrazine	11.11	200	295308	40.435	nq	99
70) Pentachlorophenol	11.22	266	478773	83.811	nq	99
71) Phenanthrene	11.43	178	1599352	43.596	nq	98
72) Anthracene	11.49	178	1618343	42.686	nq	100
73) Carbazole	11.64	167	1412202	42.476	nq	99
74) Di-n-butylphthalate	11.97	149	1750150	42.736	nq	99
75) Fluoranthene	12.62	202	1632817	42.119	nq	99
77) Benzidine	12.73	184	239794	15.722	nq	# 93
78) Pyrene	12.85	202	1631663	44.730	nq	98
80) Butylbenzylphthalate	13.46	149	726410	46.713	nq	98
81) Benzo(a)anthracene	14.03	228	1240601	43.737	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	327135	32.442	nq	97
83) Chrysene	14.07	228	1272086	44.674	nq	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	919478	47.735	nq	98
85) Di-n-octyl phthalate	14.63	149	1442245	47.059	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1041005	43.032	nq	99
88) Benzo(b)fluoranthene	15.09	252	1176433	61.169	nq	99
89) Benzo(k)fluoranthene	15.12	252	962433	56.129	nq	99
90) Benzo(a)pyrene	15.46	252	966194	58.451	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	875036	60.298	nq	98
92) Benzo(g,h,i)perylene	17.44	276	881913	60.936	nq	99

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

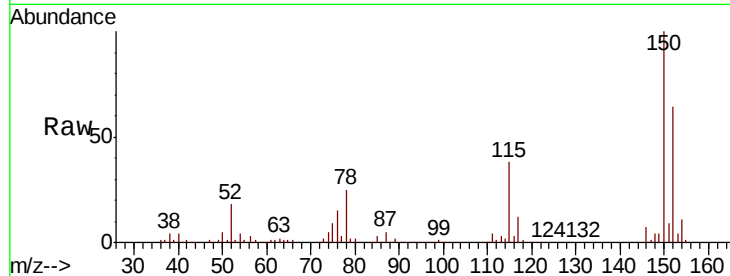


#1

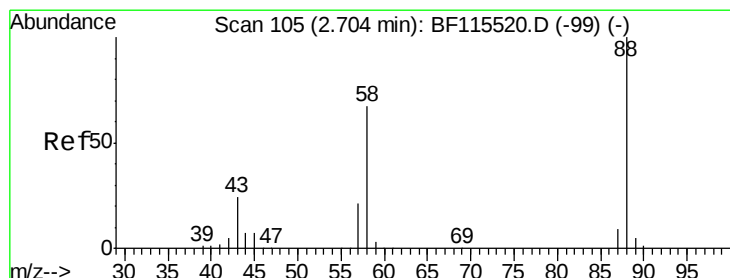
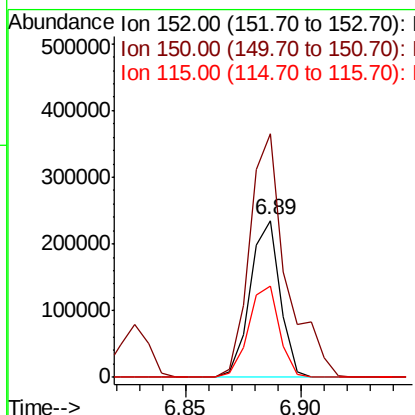
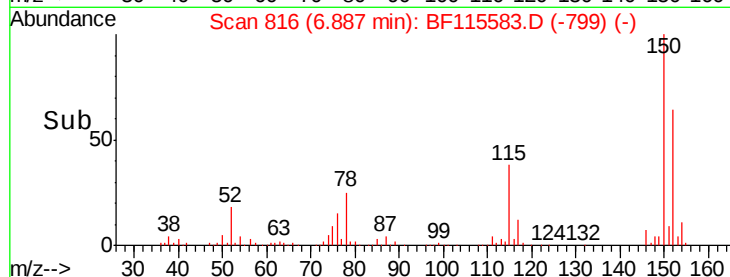
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 214212
Ion Ratio Lower Upper
152 100
150 155.1 129.7 194.5
115 58.4 48.2 72.4



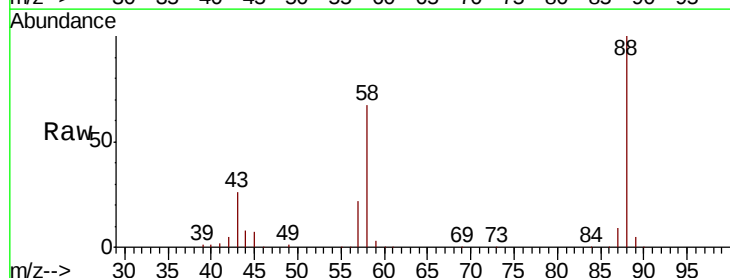
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



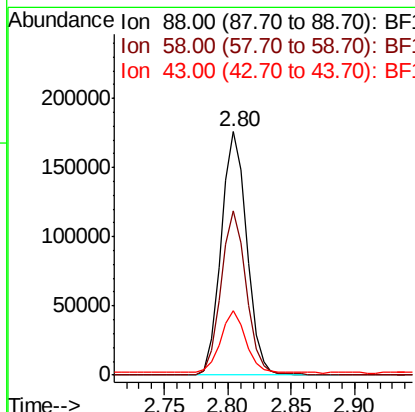
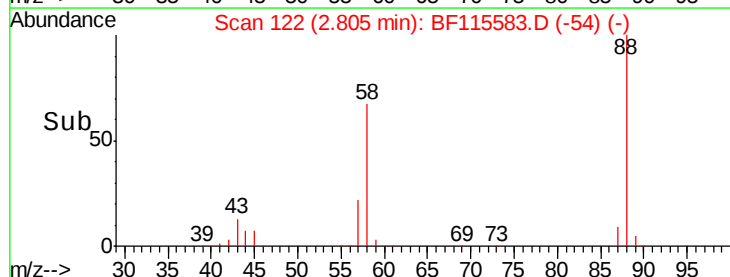
#2

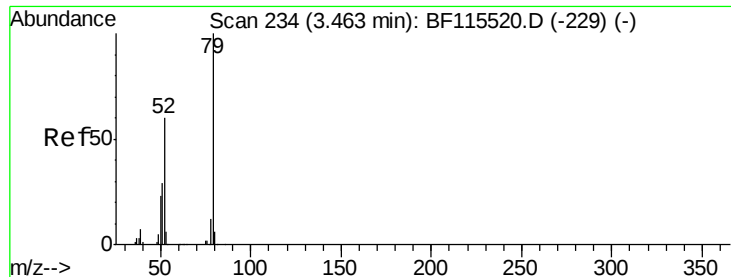
1,4-Dioxane
Concen: 37.882 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.10 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion: 88 Resp: 247465
Ion Ratio Lower Upper
88 100
58 65.4 52.6 79.0
43 25.4 19.1 28.7



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





#3

Pvridine

Concen: 35.217 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.08 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

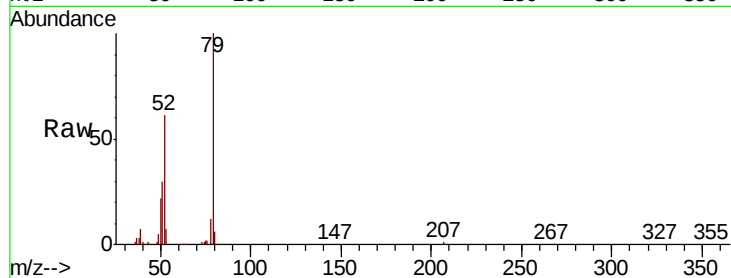
Tot Ion: 79 Resp: 624168

Ion Ratio Lower Upper

79 100

52 60.8 47.8 71.6

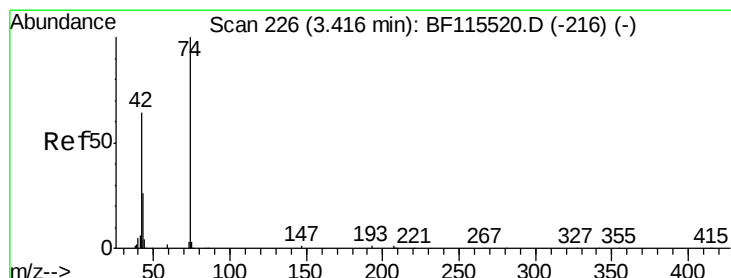
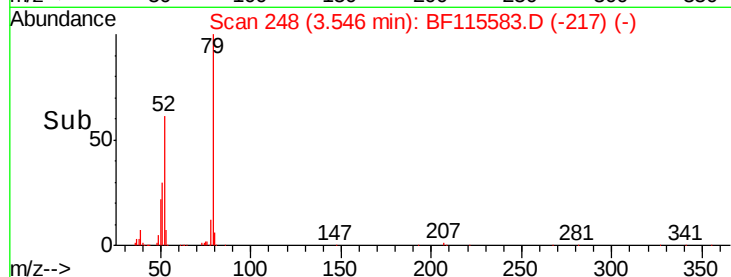
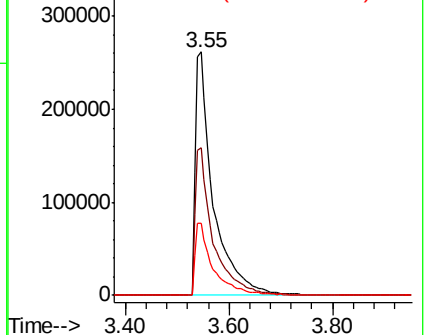
51 29.6 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.853 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.08 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

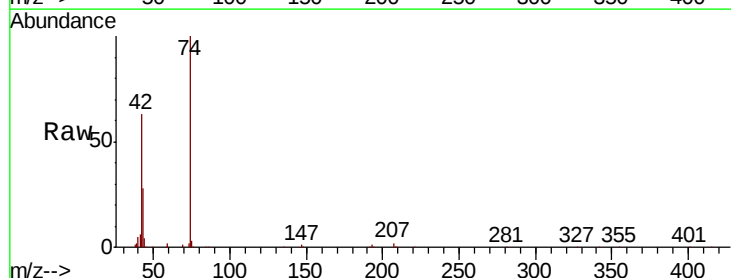
Tgt Ion: 42 Resp: 269099

Ion Ratio Lower Upper

42 100

74 158.6 127.5 191.3

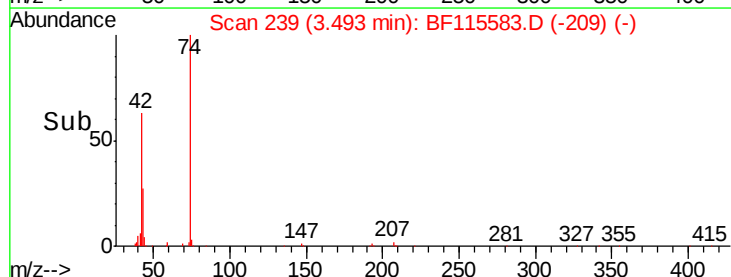
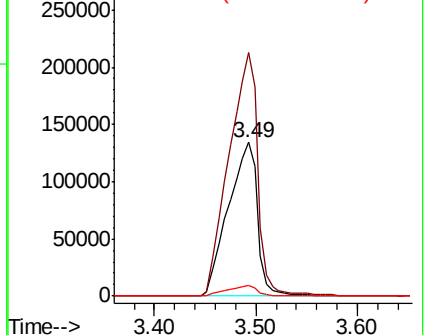
44 6.9 5.0 7.6

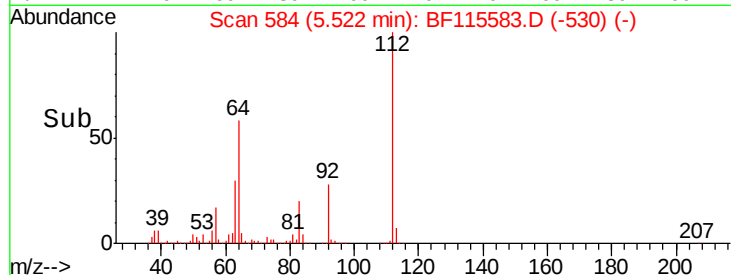
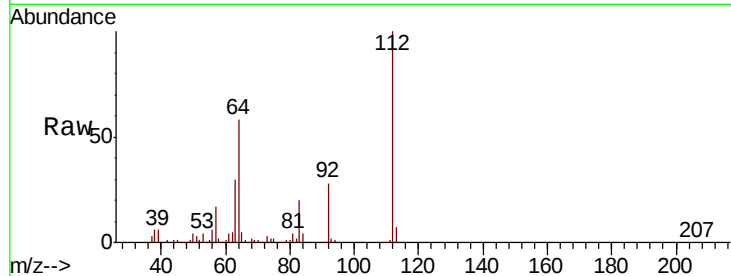
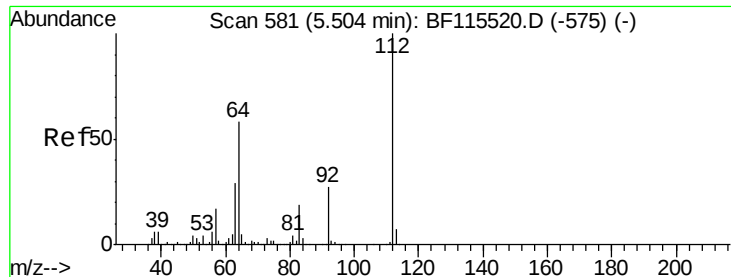


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

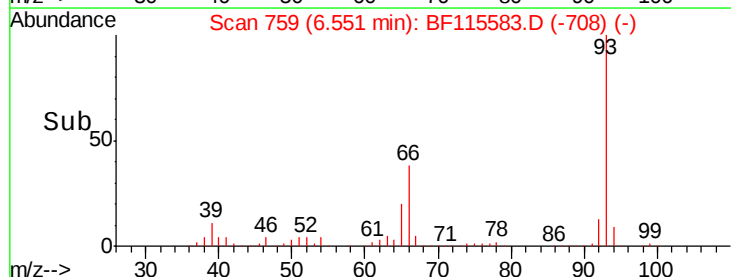
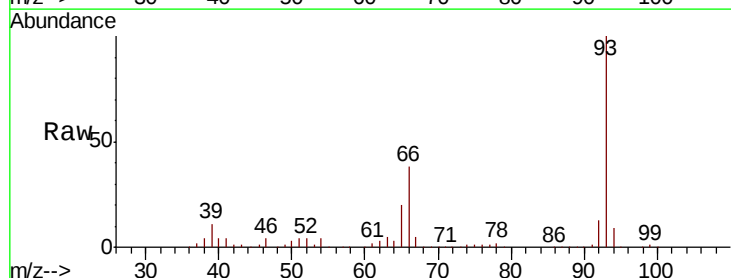
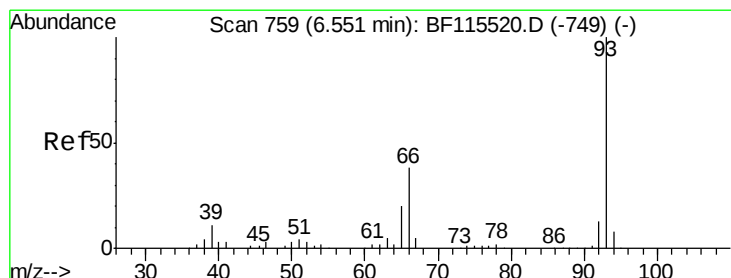
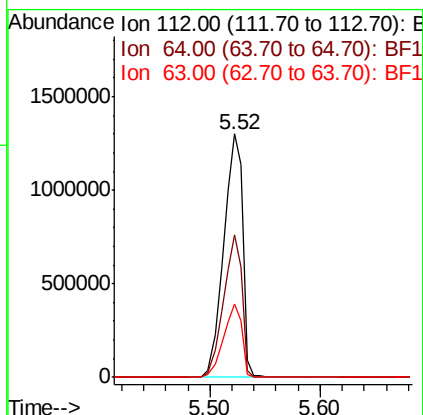




#5
2-Fluorophenol
Concen: 119.312 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

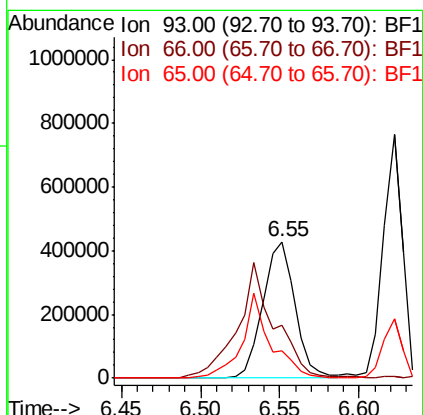
Instrument :
BNA_F
ClientSampleId :

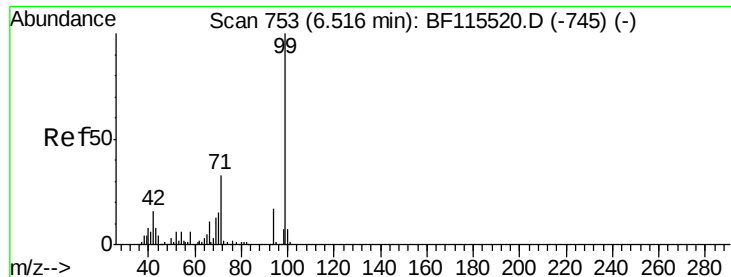
Tot Ion:112 Resp: 1562512
Ion Ratio Lower Upper
112 100
64 58.3 46.8 70.2
63 30.1 24.1 36.1



#6
Aniline
Concen: 26.323 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion: 93 Resp: 608722
Ion Ratio Lower Upper
93 100
66 38.4 31.7 47.5
65 19.6 16.2 24.2





#7

Phenol-d6

Concen: 125.028 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

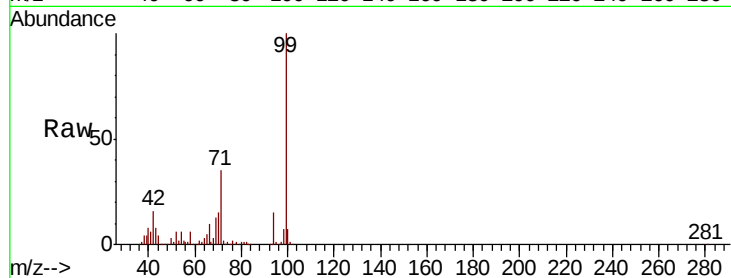
Tot Ion: 99 Resp: 2077619

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

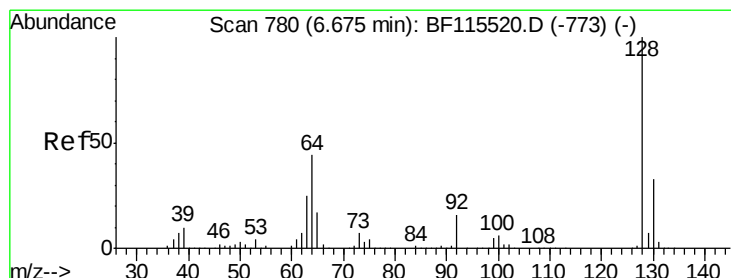
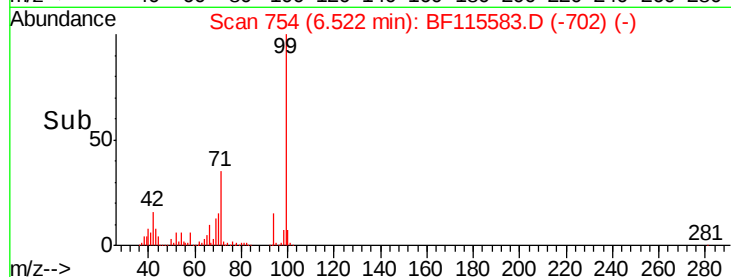
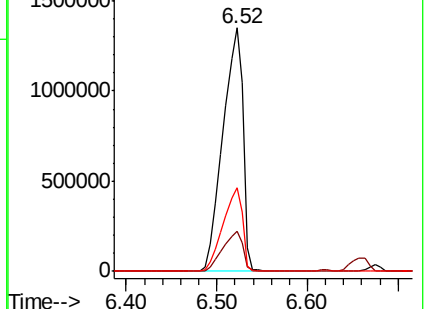
71 34.5 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.842 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

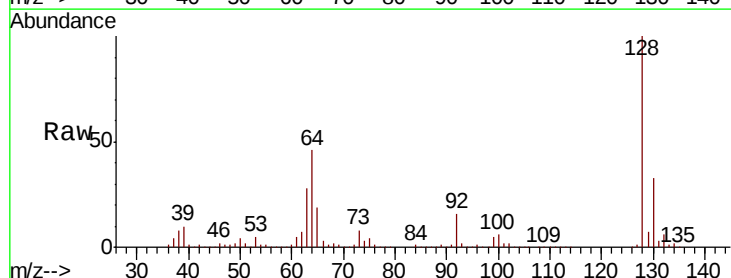
Tgt Ion: 128 Resp: 660121

Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

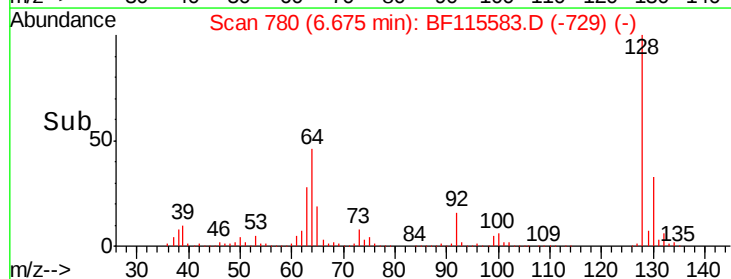
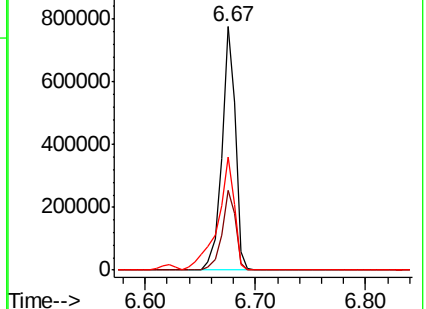
64 46.3 26.8 66.8

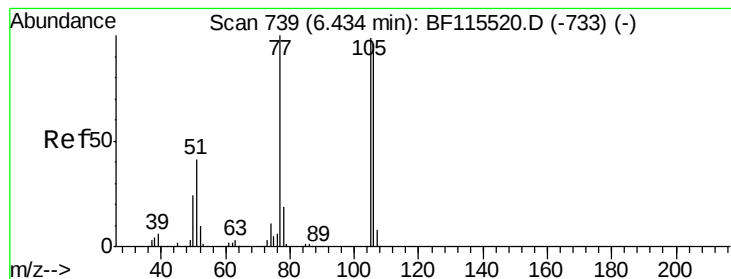


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.342 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

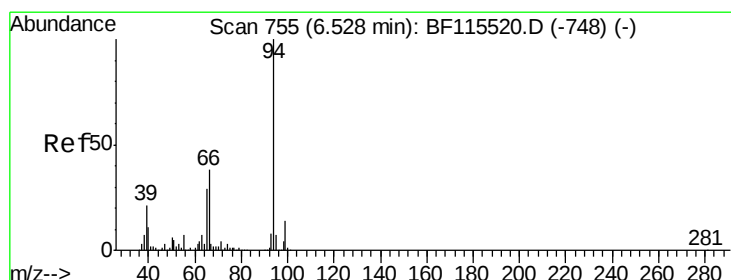
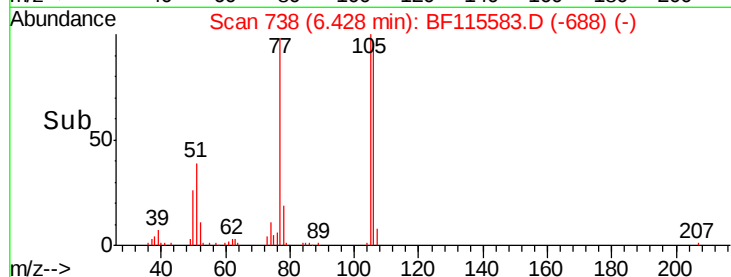
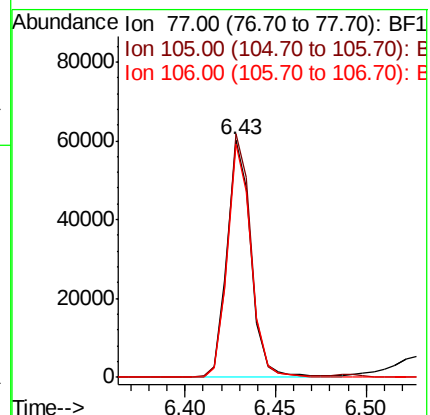
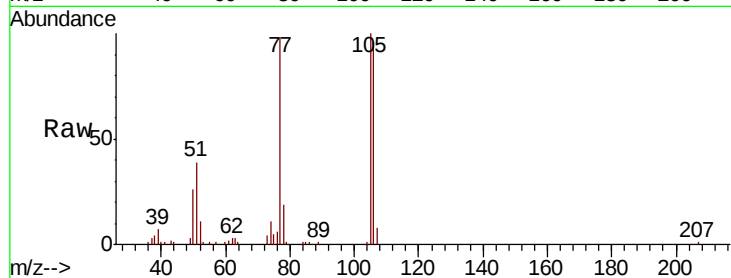
Tot Ion: 77 Resp: 55468

Ion Ratio Lower Upper

77 100

105 102.4 78.8 118.8

106 97.9 75.6 115.6



#10

Phenol

Concen: 41.609 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

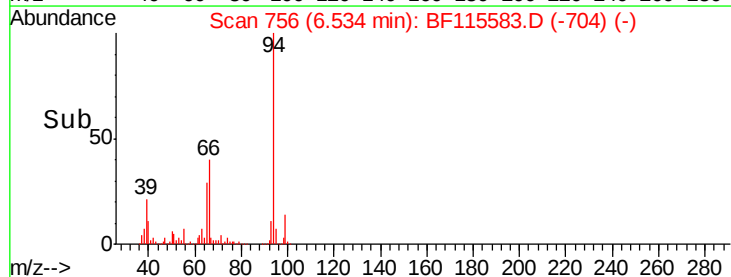
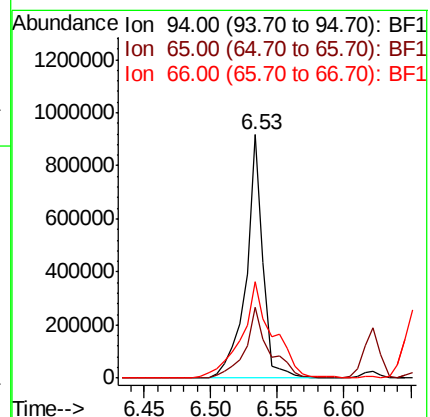
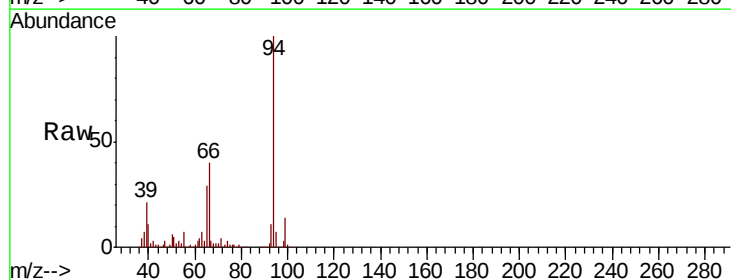
Tgt Ion: 94 Resp: 802646

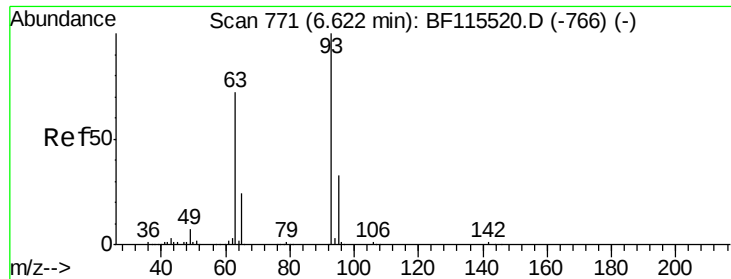
Ion Ratio Lower Upper

94 100

65 29.2 14.5 54.5

66 39.6 31.3 71.3





#11

bis(2-Chloroethyl)ether

Concen: 43.754 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

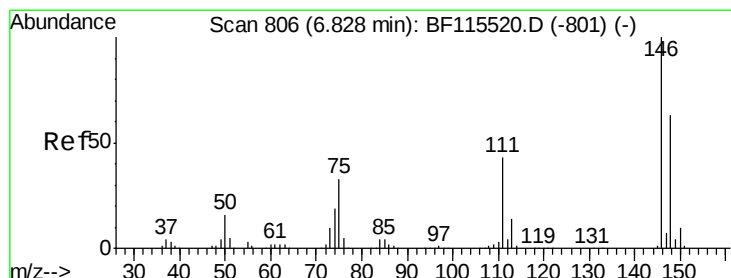
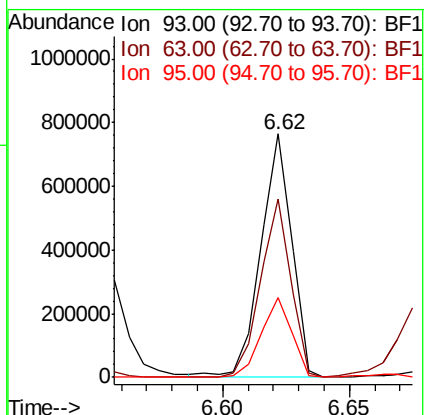
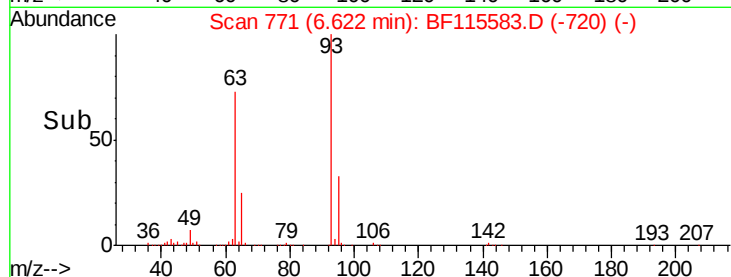
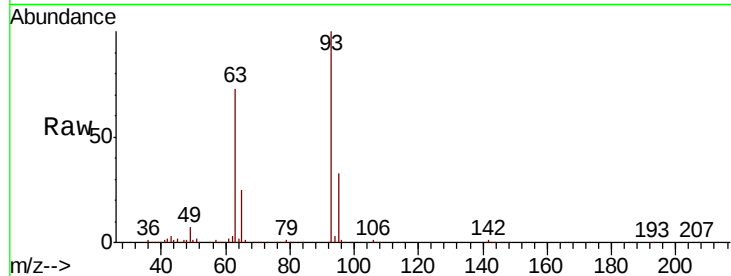
Tot Ion: 93 Resp: 642613

Ion Ratio Lower Upper

93 100

63 73.5 52.2 92.2

95 33.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 39.697 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

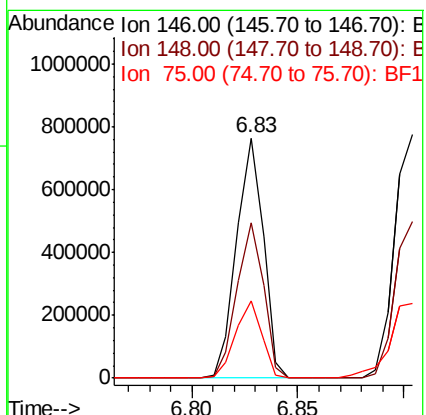
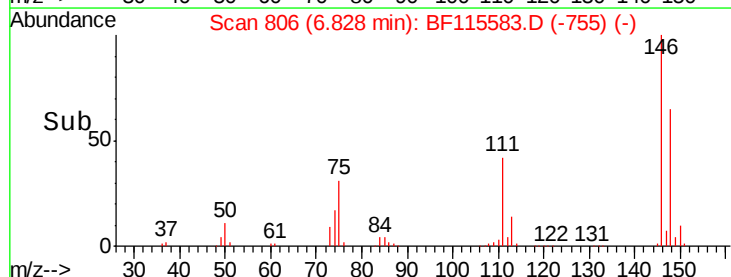
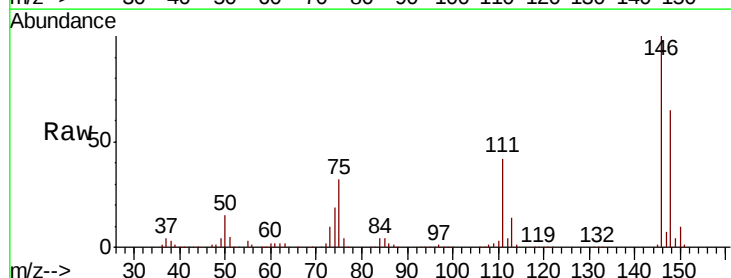
Tgt Ion: 146 Resp: 672012

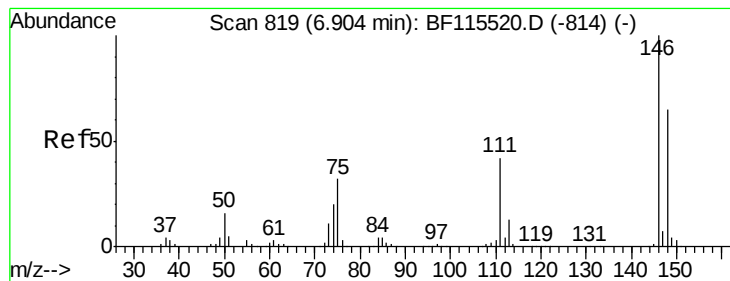
Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

75 32.0 24.9 37.3

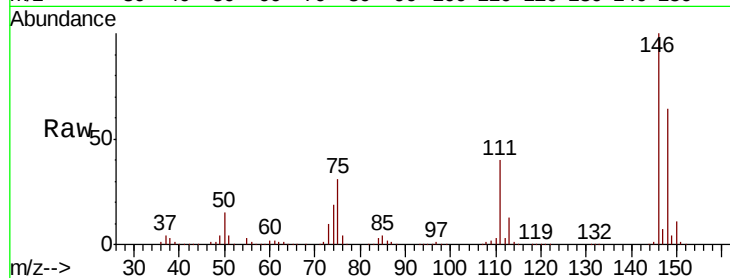




#13
 1,4-Dichlorobenzene
 Concen: 40.730 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
111	39.5	35.5	53.3

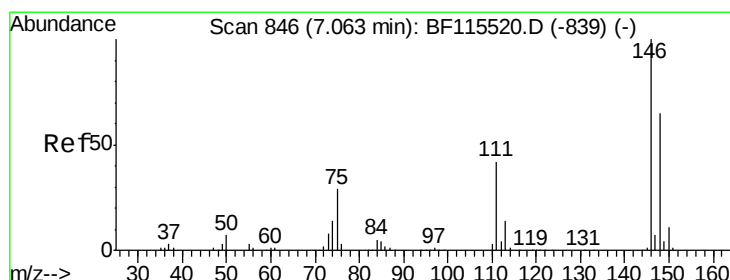
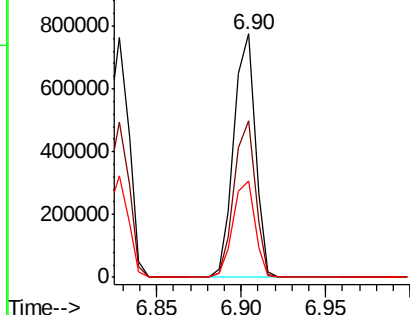
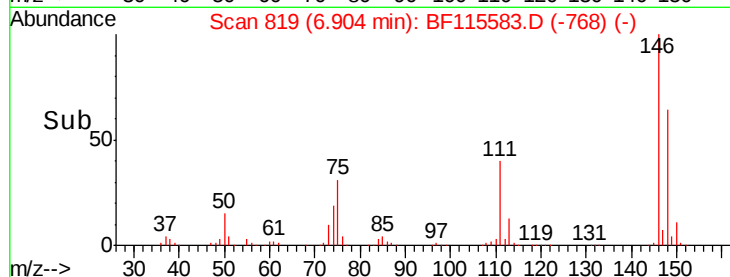


Abundance

Ion 146.00 (145.70 to 146.70): E

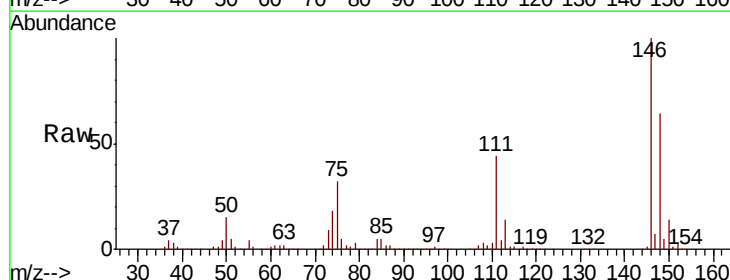
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.399 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	43.7	37.6	56.4

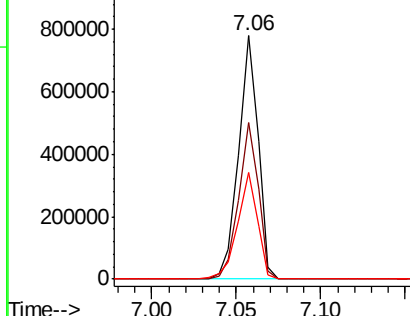
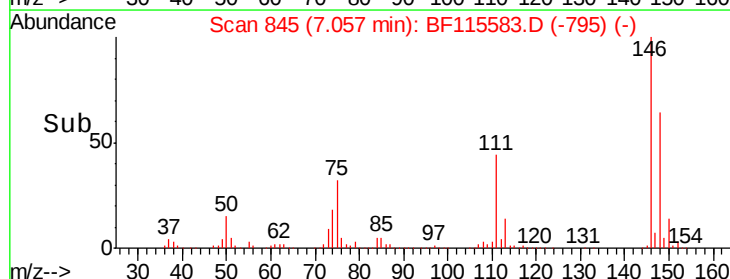


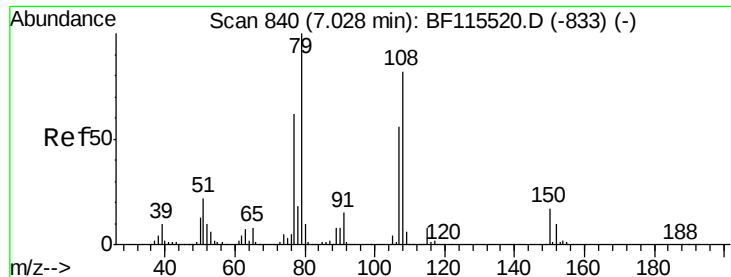
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.685 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

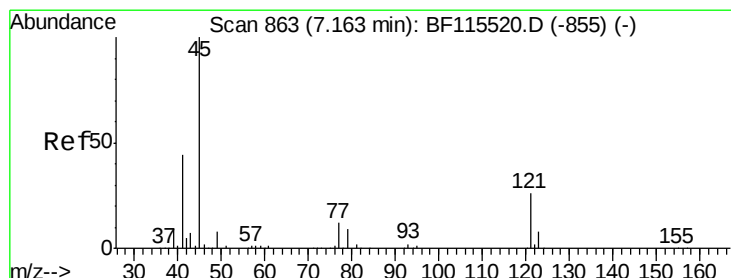
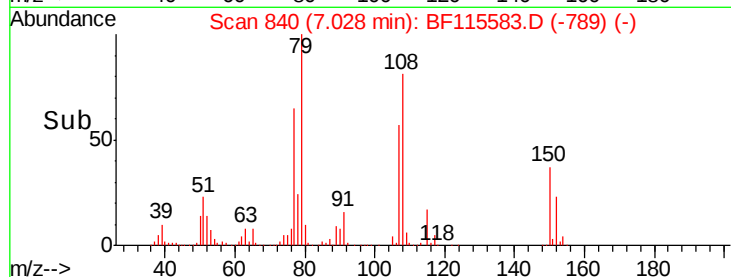
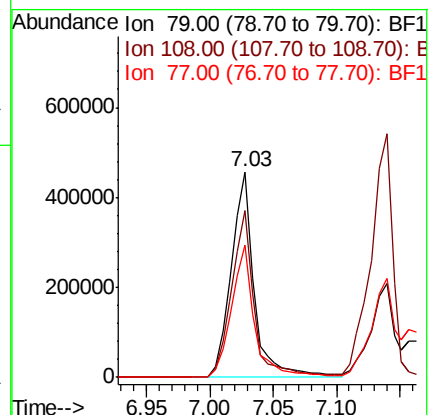
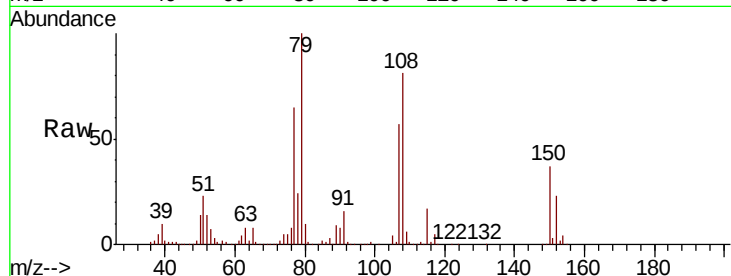
Tot Ion: 79 Resp: 575869

Ion Ratio Lower Upper

79 100

108 81.3 64.2 96.4

77 64.6 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.098 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

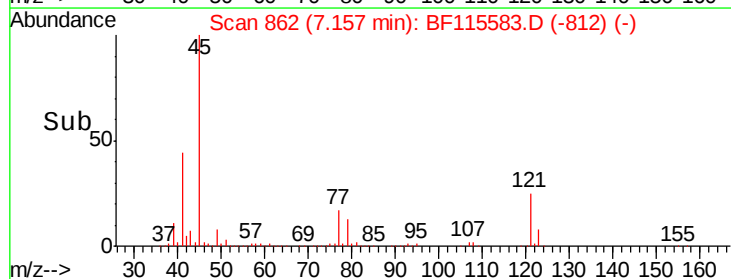
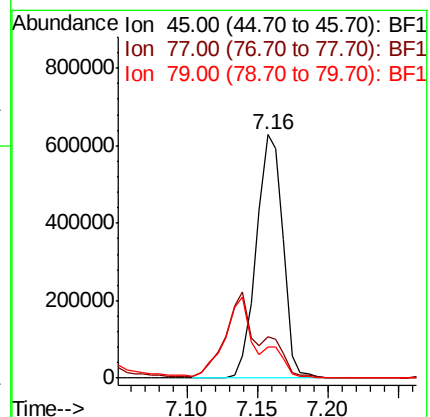
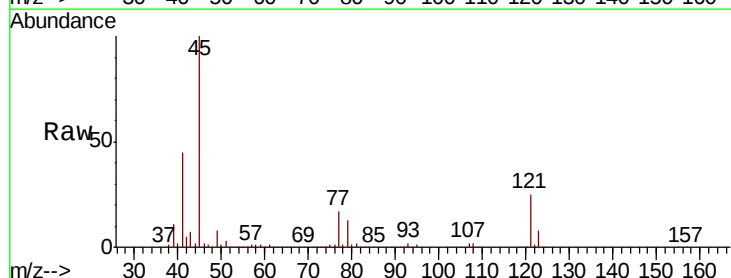
Tgt Ion: 45 Resp: 833335

Ion Ratio Lower Upper

45 100

77 17.1 0.0 38.1

79 12.7 0.0 34.1

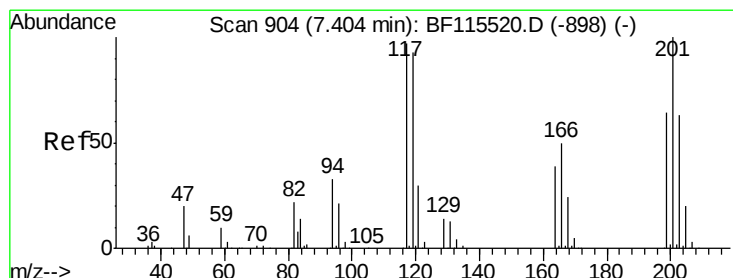
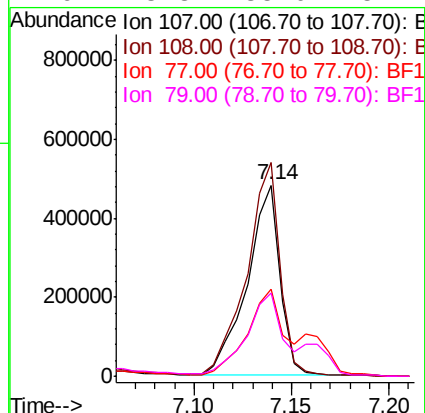
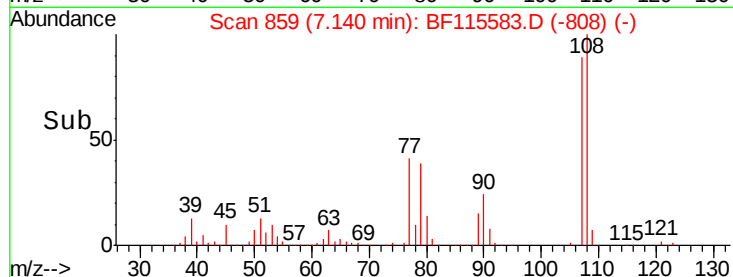
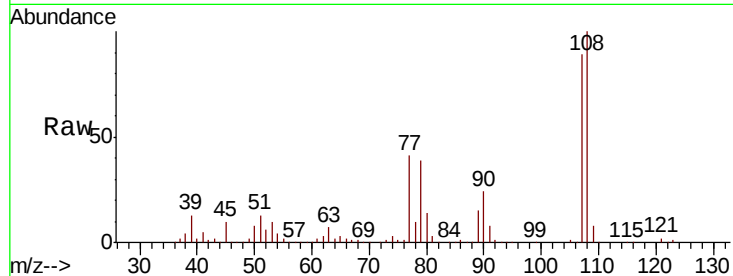




#17
2-Methylphenol
Concen: 43.340 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

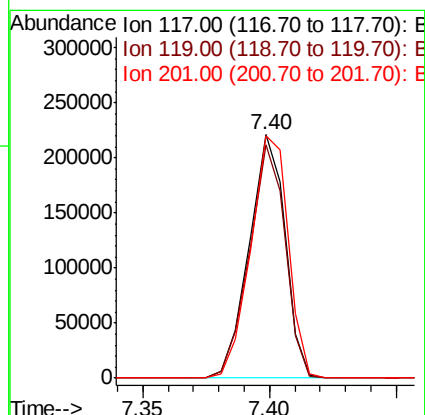
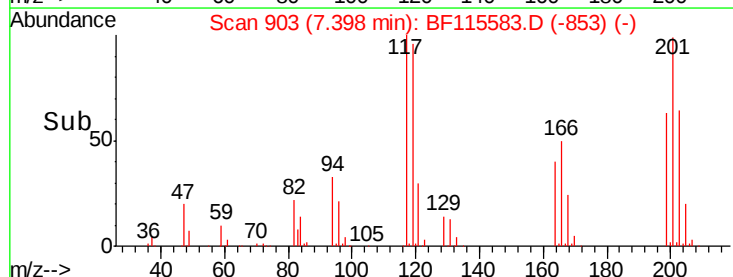
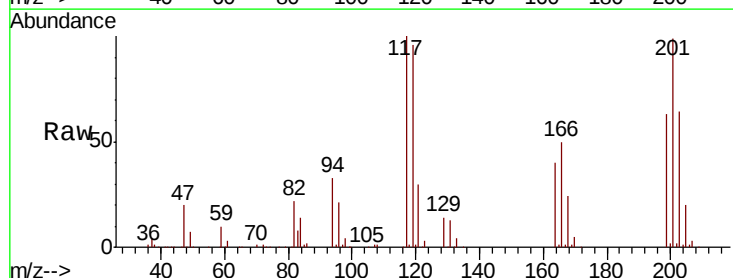
Instrument :
BNA_F
ClientSampleId :

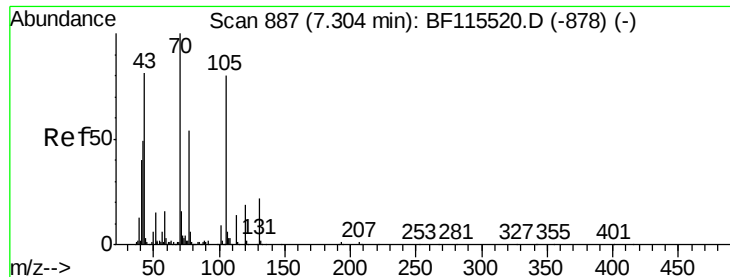
Tot Ion:	107	Resp:	562362
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.4	134.2
77	45.6	35.7	53.5
79	43.3	35.0	52.4



#18
Hexachloroethane
Concen: 34.881 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:	117	Resp:	218680
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.7	116.5
201	99.5	86.0	129.0

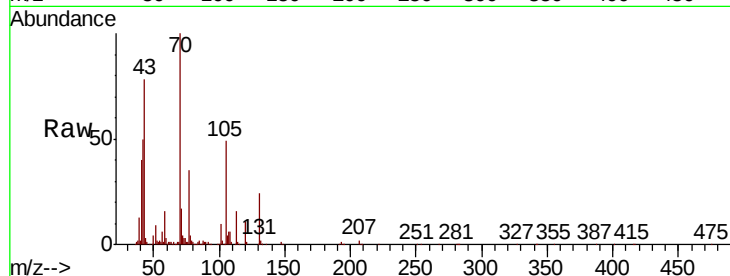




#19
n-Nitroso-di-n-propylamine
Concen: 35.957 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	389683
Ion	Ratio	Lower	Upper
70	100		
42	49.5	39.6	59.4
101	10.3	8.1	12.1
130	23.7	18.2	27.2



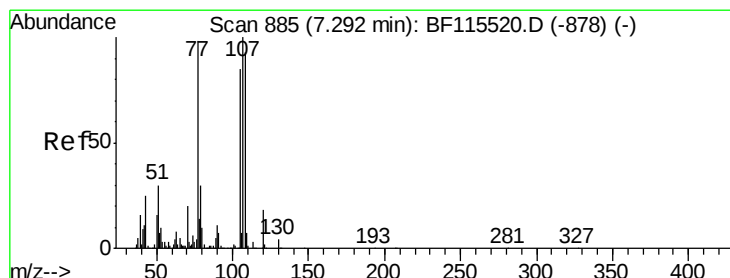
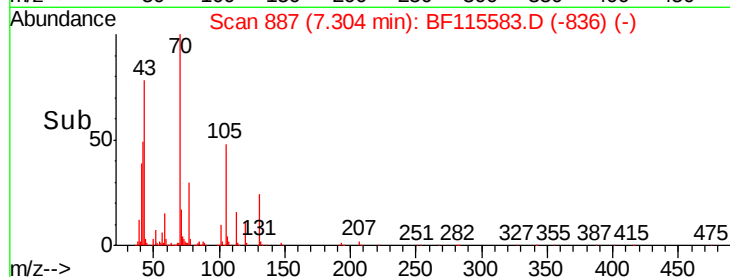
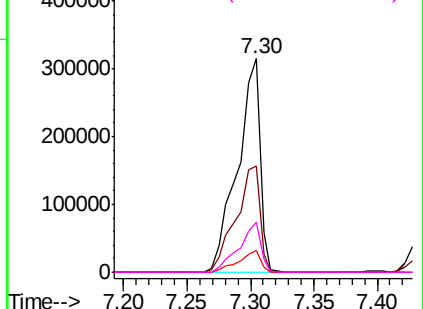
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

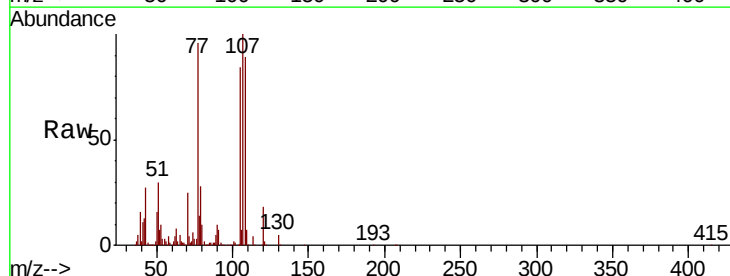
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 36.465 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:	107	Resp:	562020
Ion	Ratio	Lower	Upper
107	100		
108	88.9	72.9	112.9
77	96.1	77.6	117.6
79	27.7	10.5	50.5



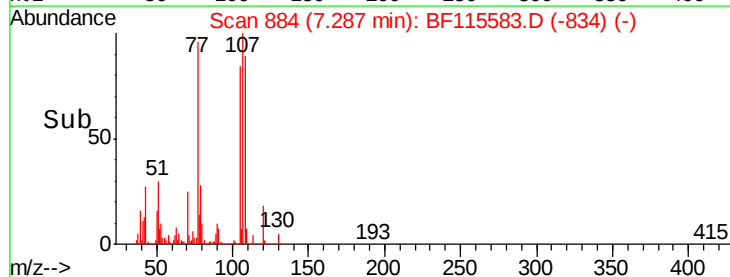
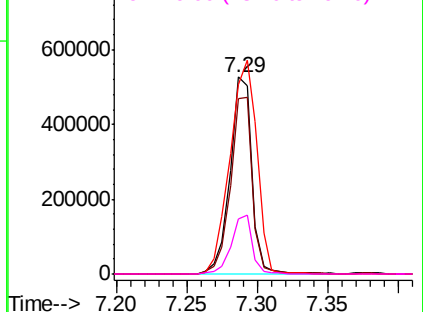
Abundance

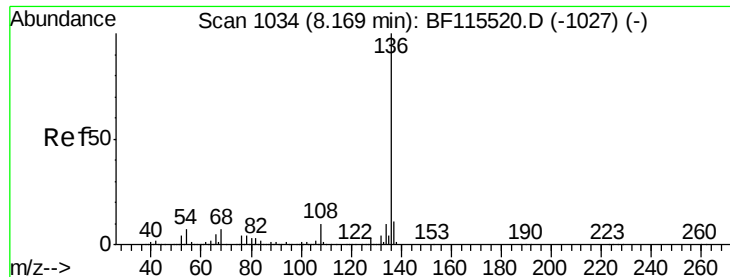
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

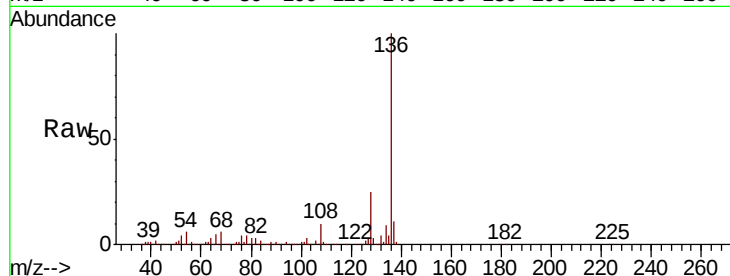




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 744413
Ion Ratio	Lower Upper
136 100	
137 10.6	9.0 13.4
54 6.2	5.6 8.4
68 5.9	5.0 7.6



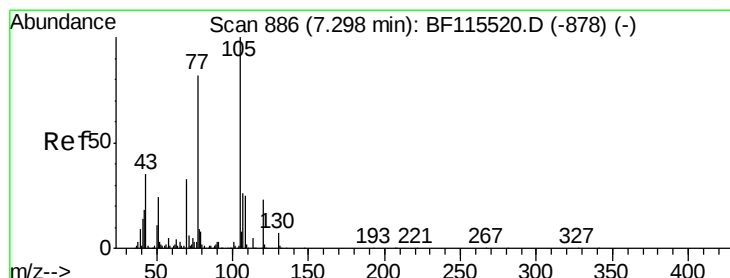
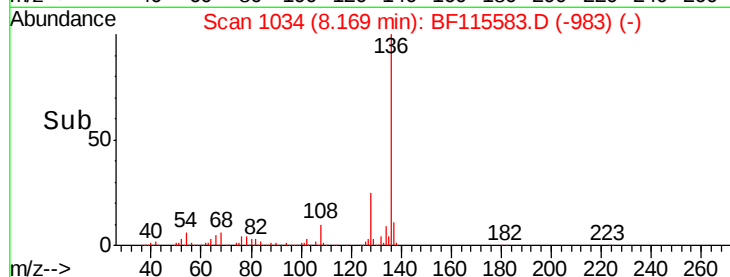
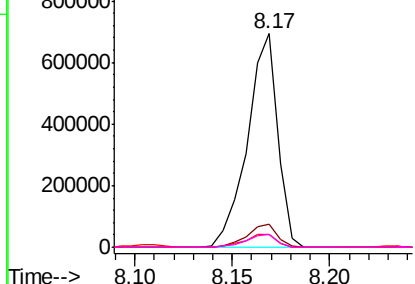
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

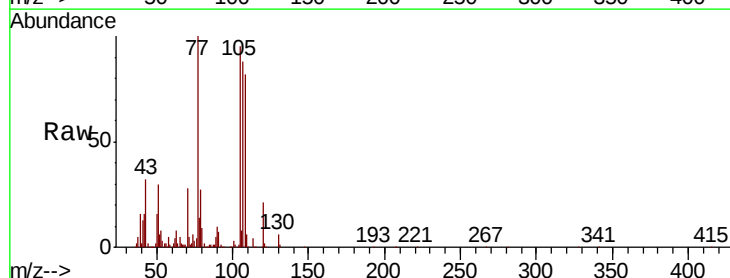
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.936 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt	Ion:105	Resp:	772517
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.5	5.3
51	31.8	25.6	38.4
120	21.9	17.9	26.9



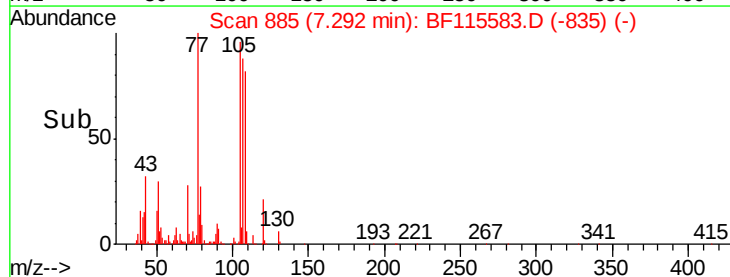
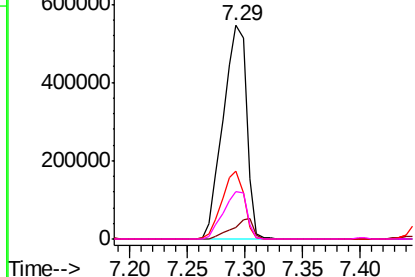
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



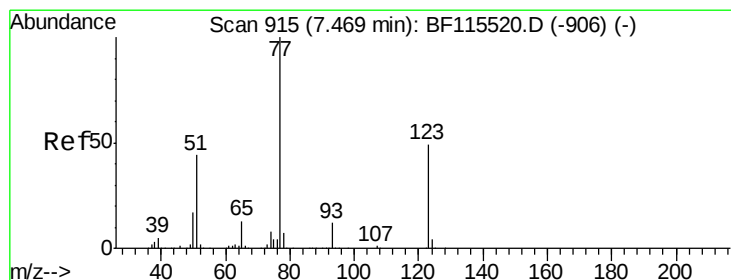
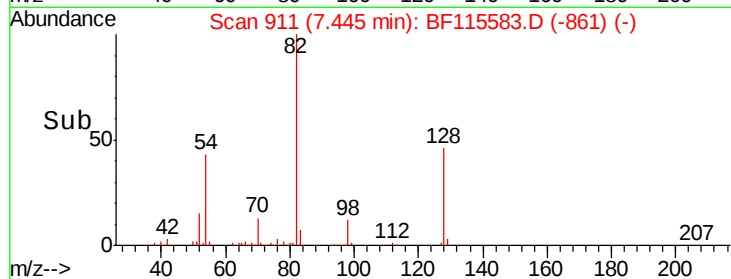
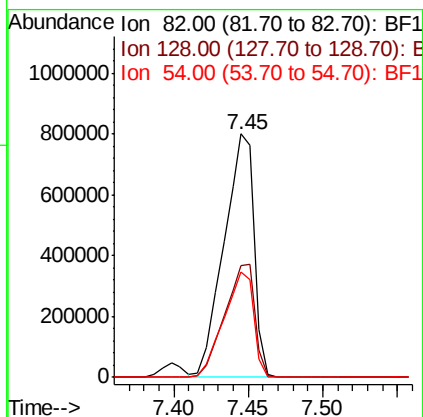
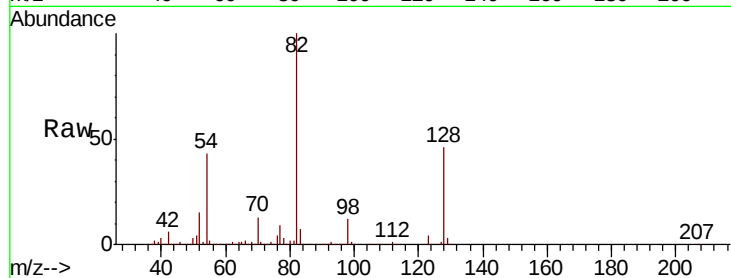


#23
 Nitrobenzene-d5
 Concen: 88.193 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1129080

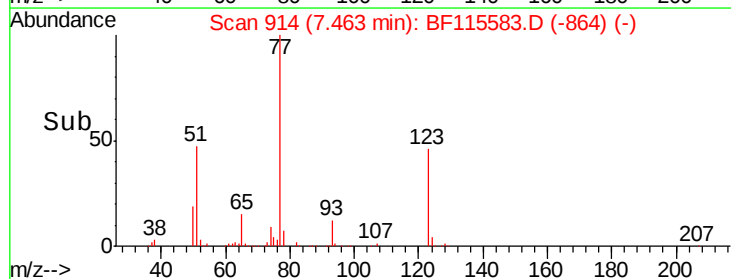
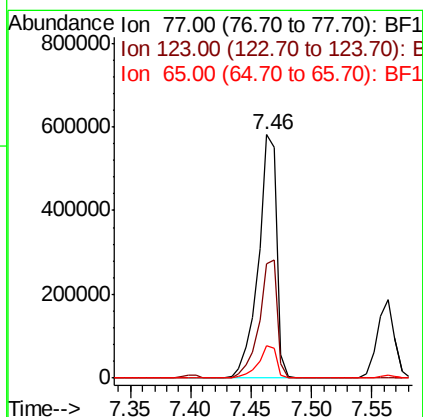
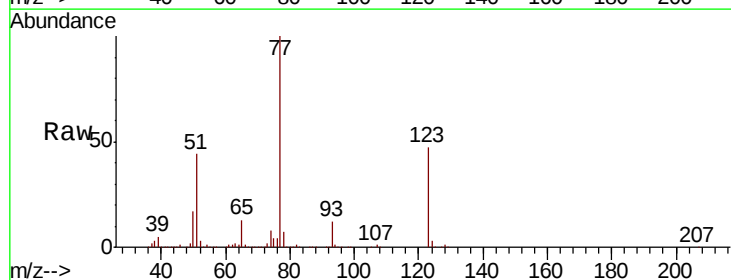
Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.6	57.8
54	43.2	35.6	53.4

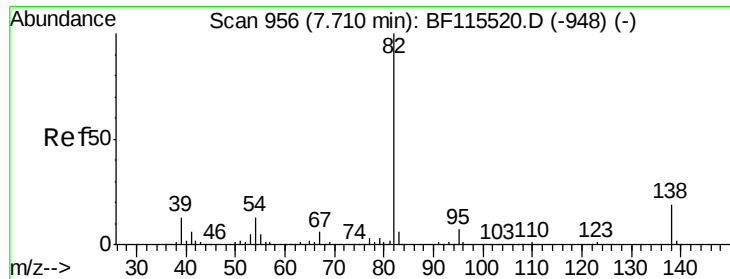


#24
 Nitrobenzene
 Concen: 44.577 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion: 77 Resp: 615537

Ion	Ratio	Lower	Upper
77	100		
123	47.0	40.0	60.0
65	13.3	11.0	16.4

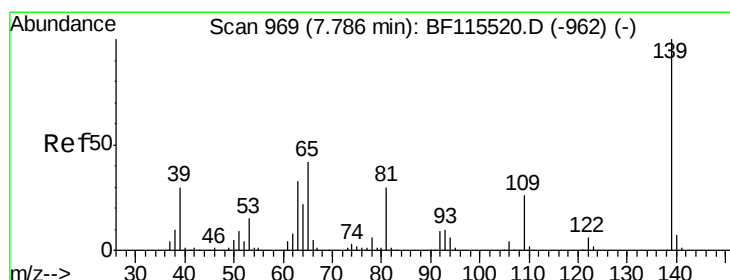
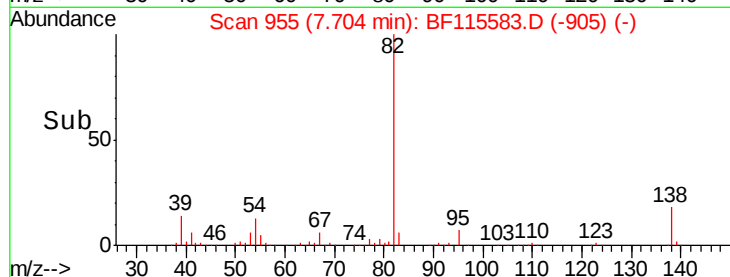
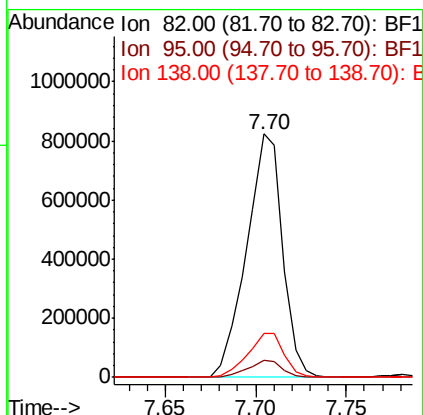
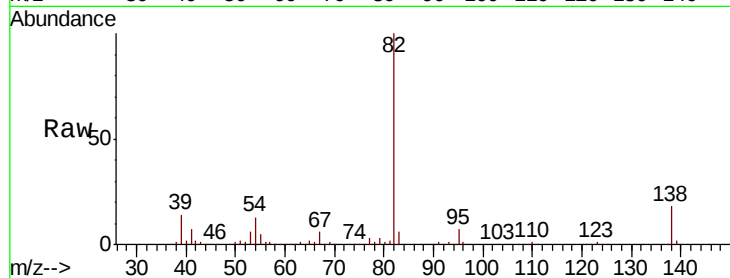




#25
Isophorone
Concen: 44.269 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

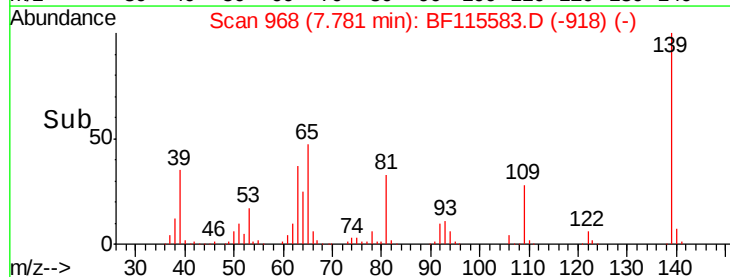
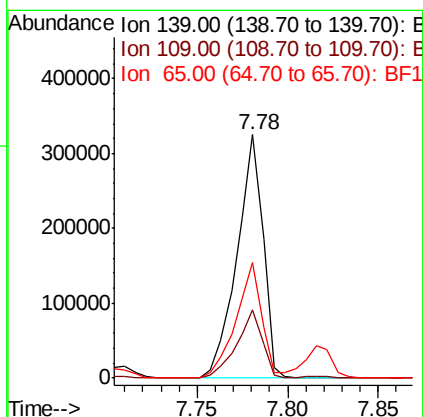
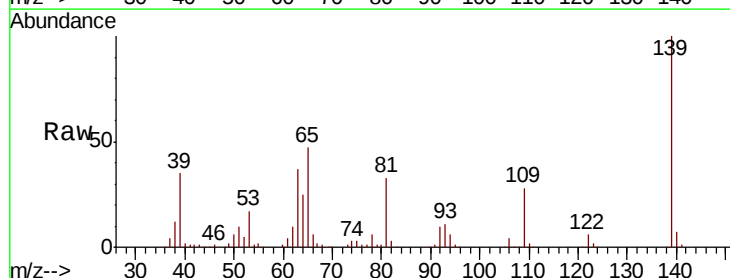
Instrument :
BNA_F
ClientSampleId :

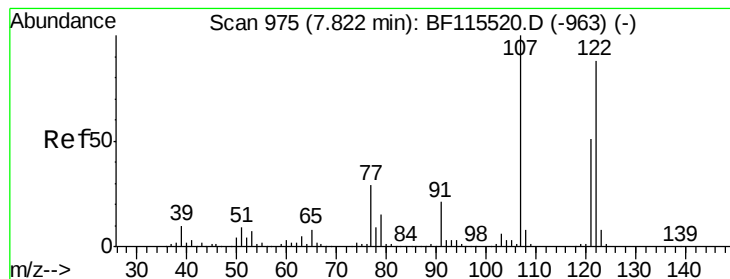
Tot Ion: 82 Resp: 1134057
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.1 14.9 22.3



#26
2-Nitrophenol
Concen: 45.835 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion: 139 Resp: 325768
Ion Ratio Lower Upper
139 100
109 28.3 23.3 34.9
65 47.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 50.637 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

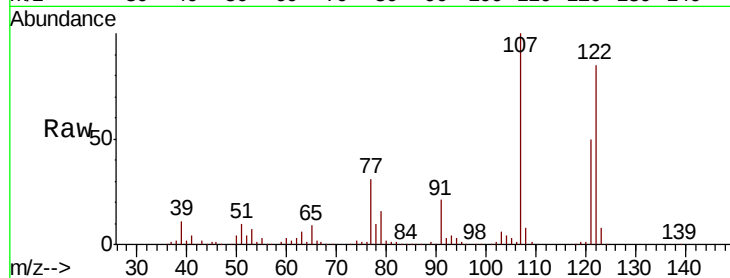
Tot Ion:122 Resp: 538493

Ion Ratio Lower Upper

122 100

107 117.9 92.9 139.3

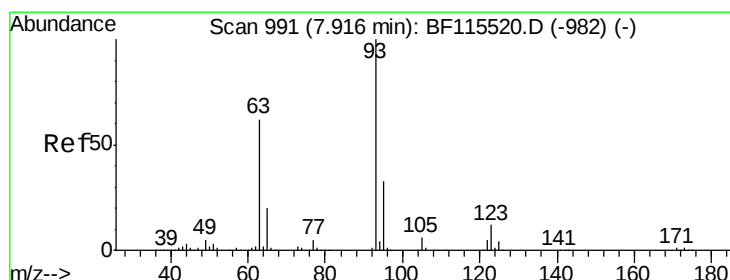
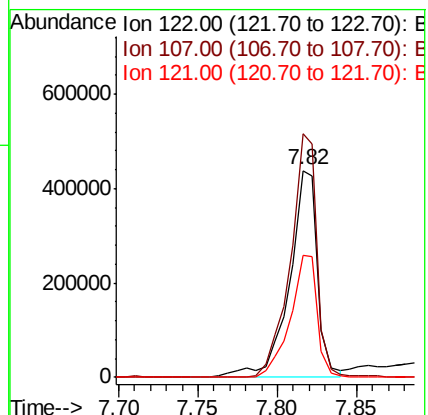
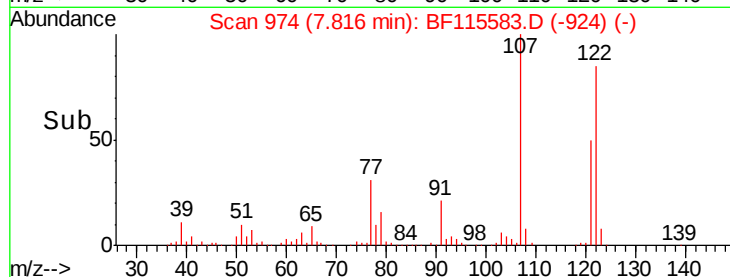
121 59.1 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.804 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

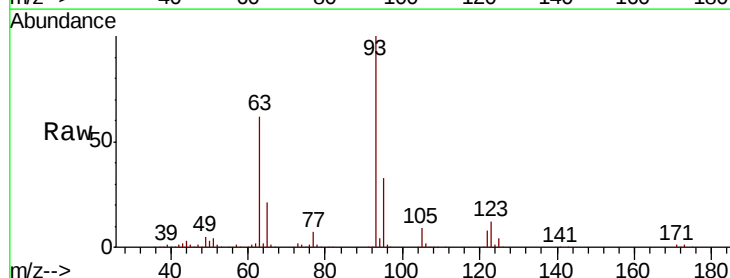
Tgt Ion: 93 Resp: 688426

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

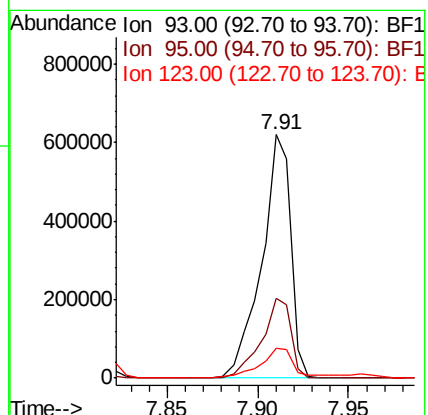
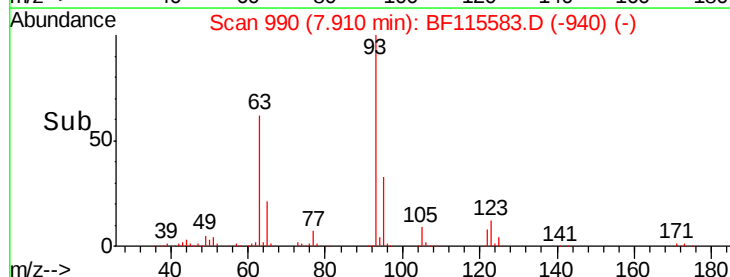
123 12.2 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

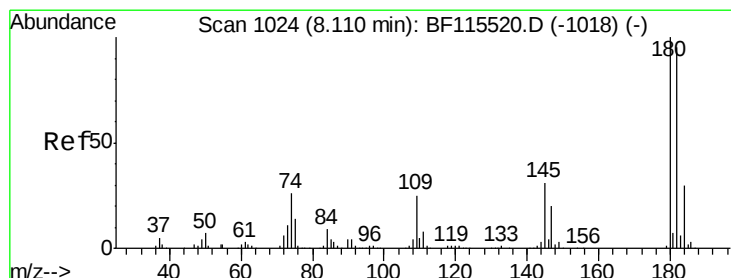
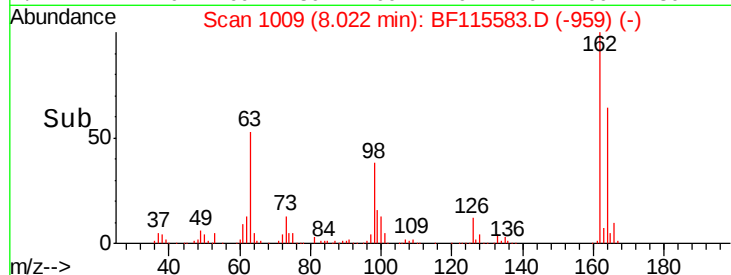
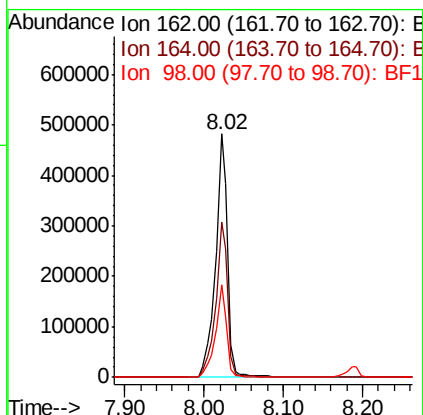
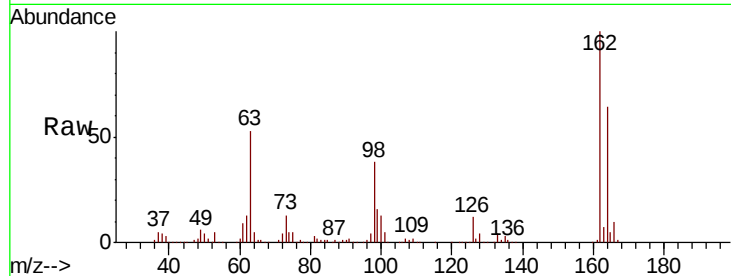




#29
 2,4-Dichlorophenol
 Concen: 45.794 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

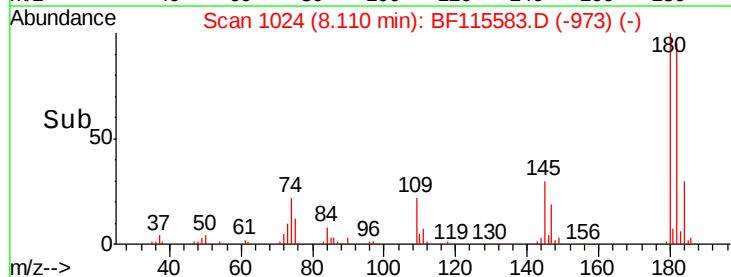
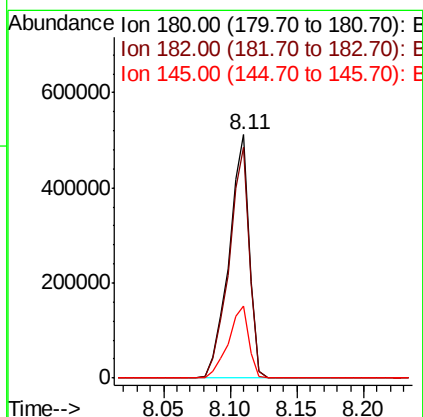
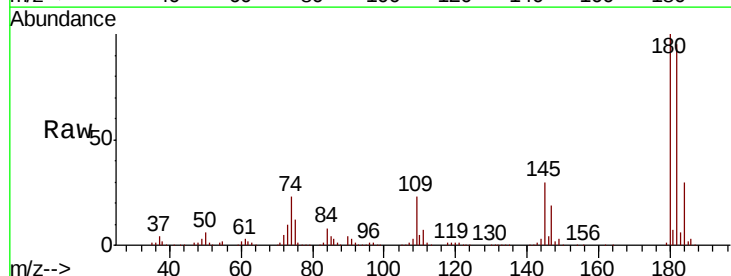
Instrument :
 BNA_F
 ClientSampleId :

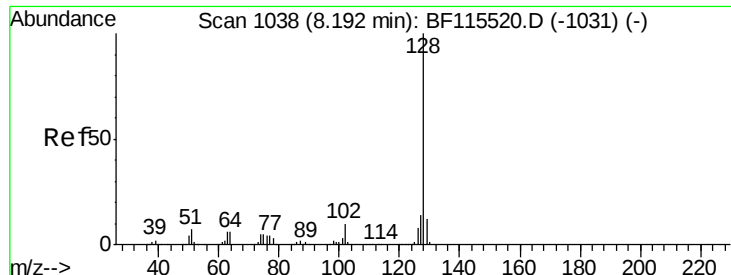
Tot Ion:162 Resp: 506471
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.9 84.9
 98 38.2 17.7 57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 43.982 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion:180 Resp: 549853
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.0 112.6
 145 29.7 25.1 37.7

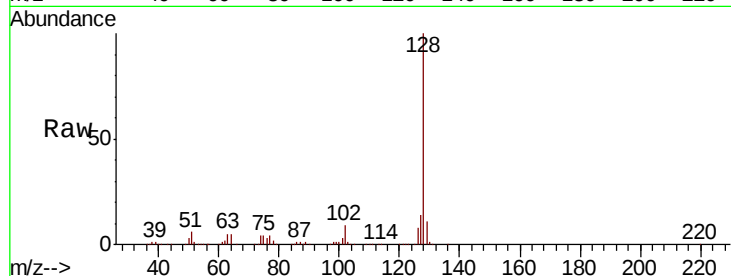




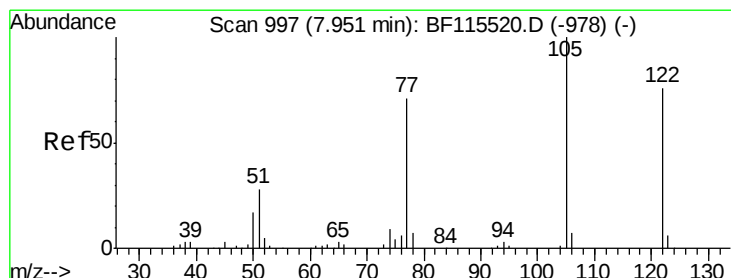
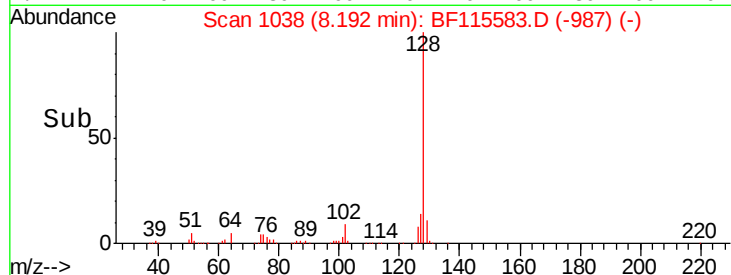
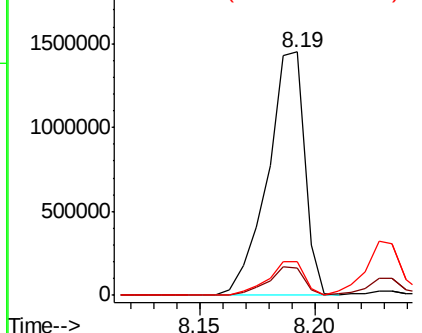
#31
Naphthalene
Concen: 44.938 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1620097
Ion Ratio Lower Upper
128 100
129 11.3 9.9 14.9
127 13.9 12.1 18.1

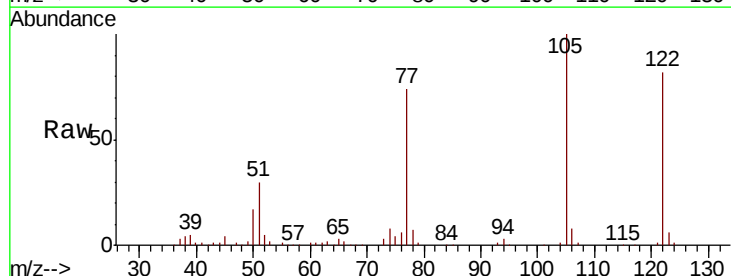


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

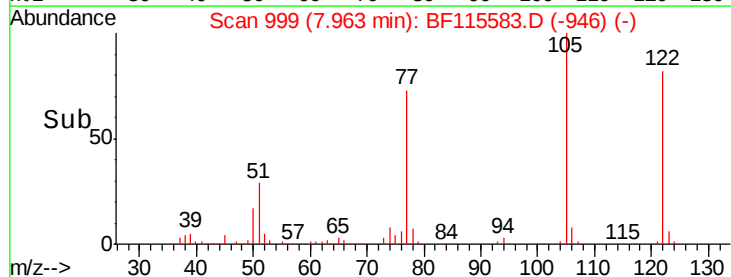
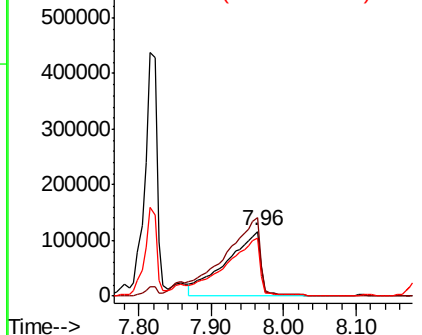


#32
Benzoic acid
Concen: 44.408 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:122 Resp: 387563
Ion Ratio Lower Upper
122 100
105 122.6 102.5 142.5
77 90.4 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

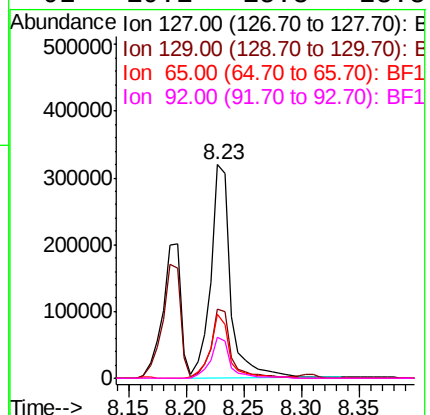
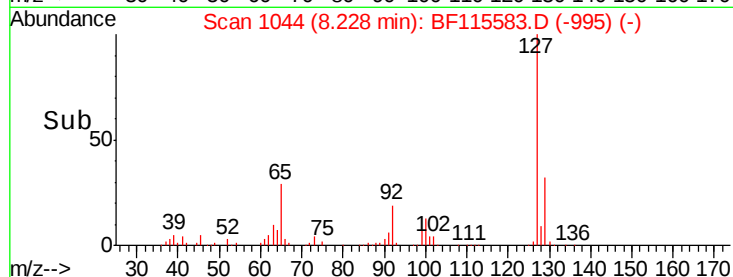
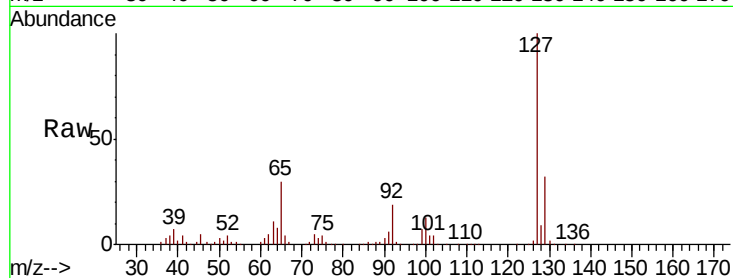




#33
4-Chloroaniline
Concen: 23.937 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

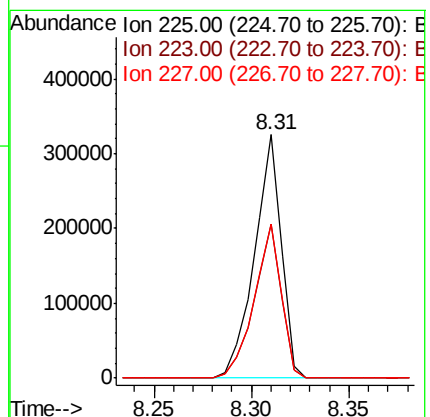
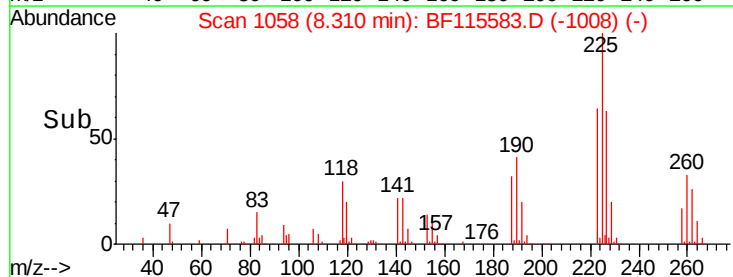
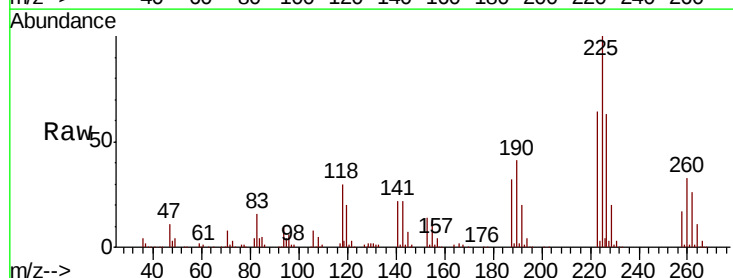
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	382254
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	30.2	23.7	35.5
92	19.1	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.273 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:	225	Resp:	310229
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.9	76.3
227	63.2	50.7	76.1

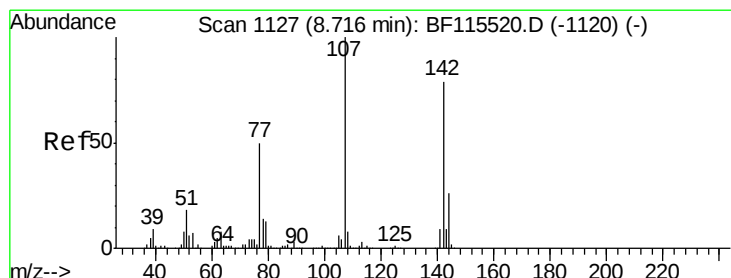
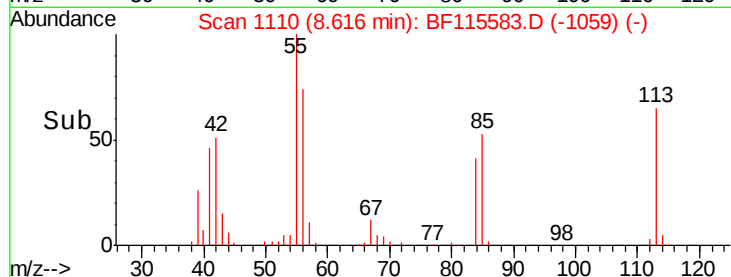
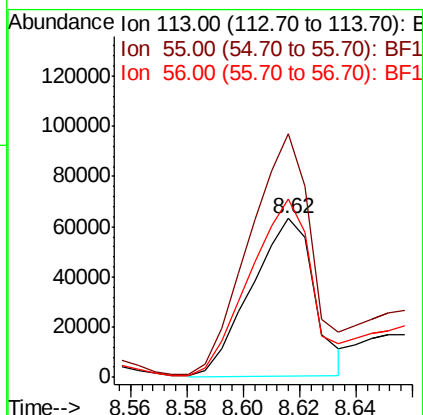
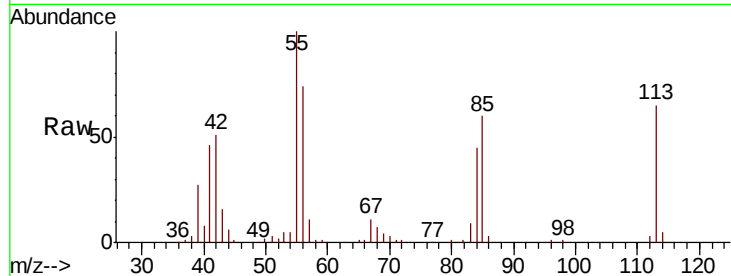




#35
 Caprolactam
 Concen: 28.460 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

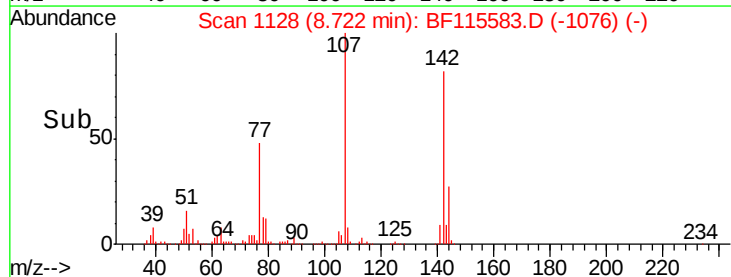
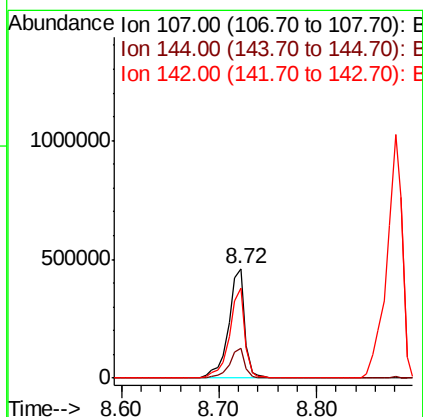
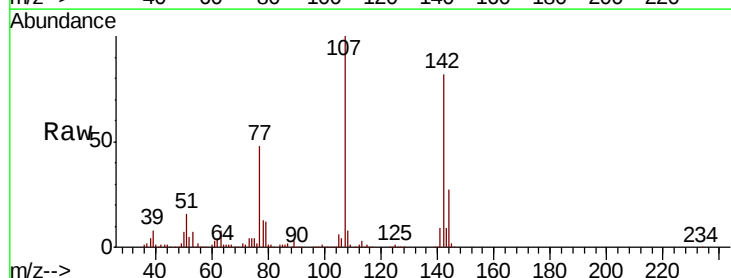
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 97265
 Ion Ratio Lower Upper
 113 100
 55 153.4 126.9 166.9
 56 112.7 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.054 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion:107 Resp: 528348
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.6 30.8
 142 81.9 63.1 94.7

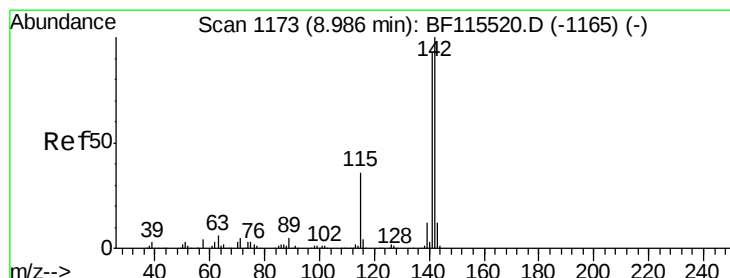
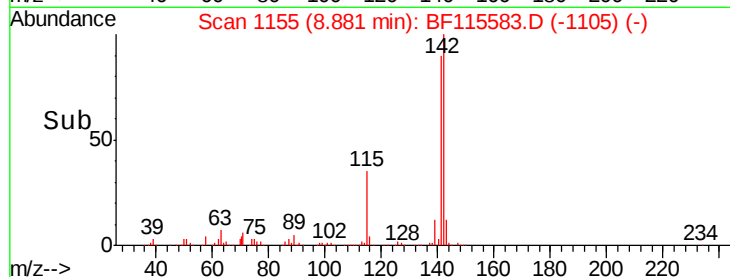
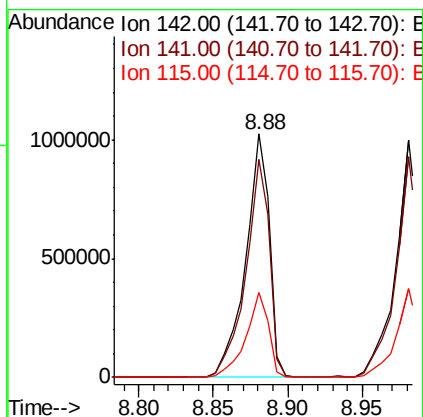
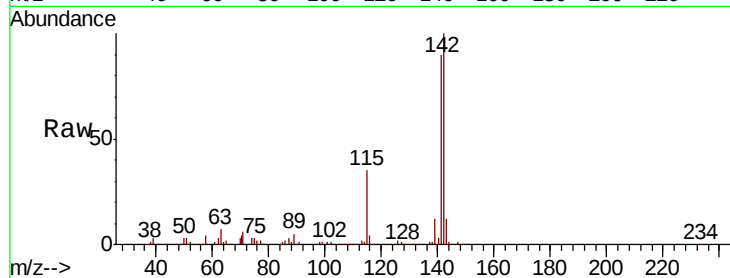




#37
2-Methylnaphthalene
Concen: 46.925 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

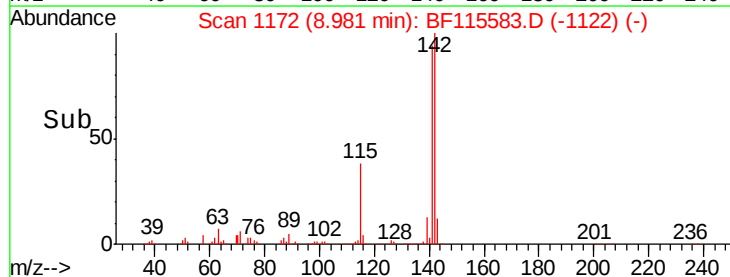
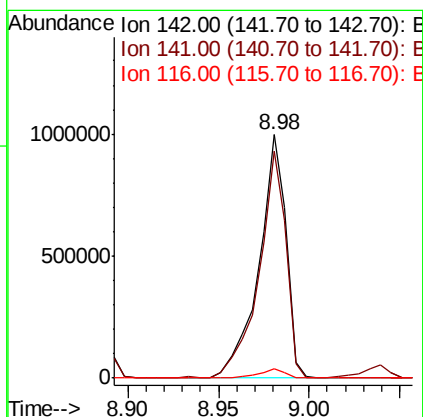
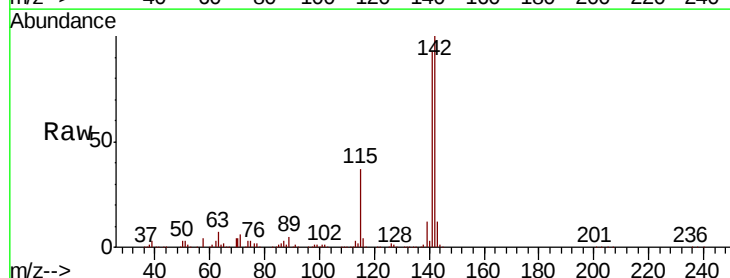
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1121401
Ion Ratio Lower Upper
142 100
141 89.8 72.0 108.0
115 34.6 29.9 44.9



#38
1-Methylnaphthalene
Concen: 45.729 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:142 Resp: 1038009
Ion Ratio Lower Upper
142 100
141 93.2 75.3 112.9
116 3.7 3.3 4.9

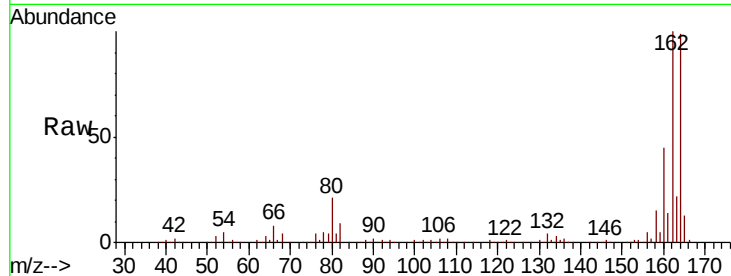




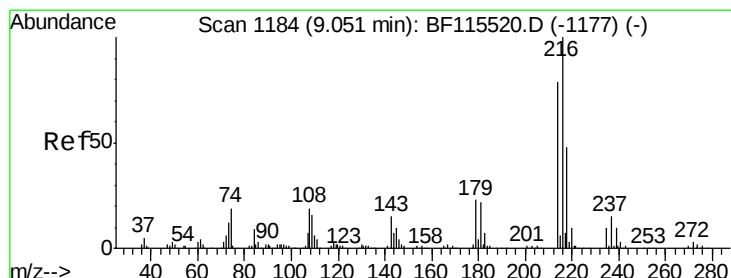
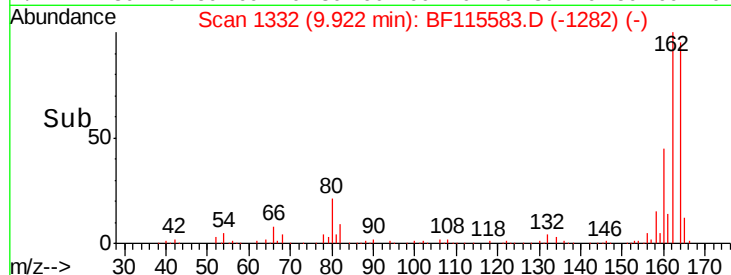
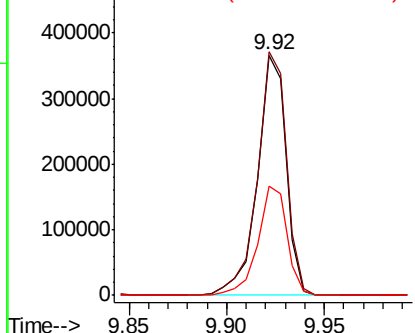
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 372584
Ion Ratio Lower Upper
164 100
162 101.5 82.9 124.3
160 45.6 36.8 55.2

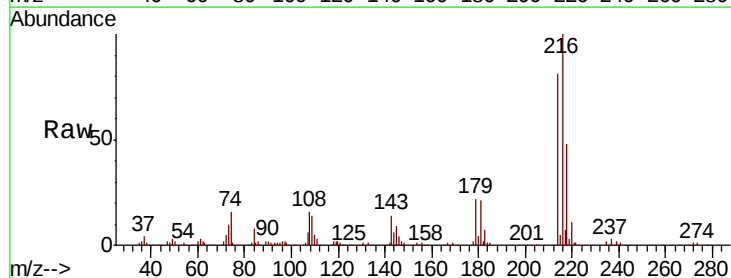


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

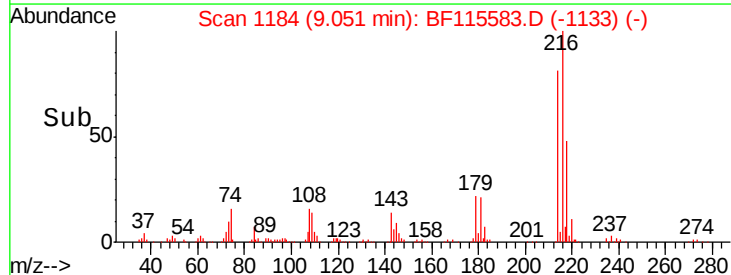
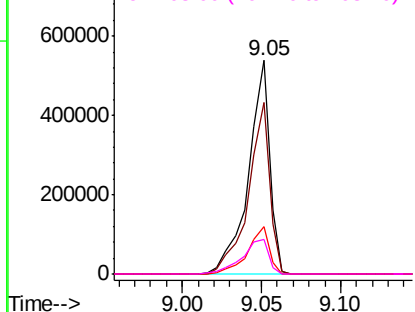


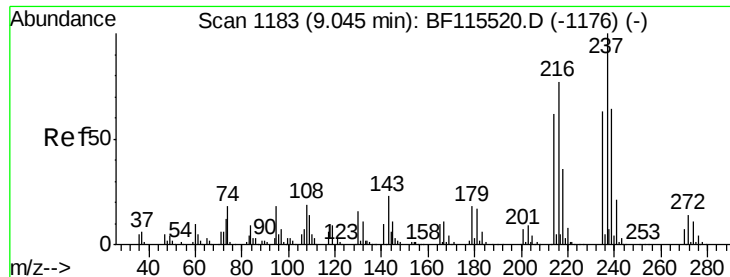
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.643 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:216 Resp: 500888
Ion Ratio Lower Upper
216 100
214 80.0 65.1 97.7
179 22.0 18.3 27.5
108 20.0 15.7 23.5



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





#41

Hexachlorocyclopentadiene

Concen: 67.751 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

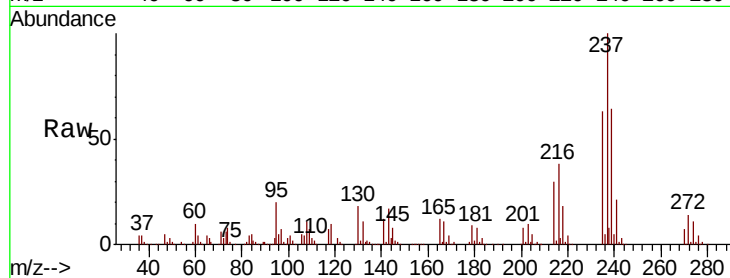
Tot Ion:237 Resp: 433623

Ion Ratio Lower Upper

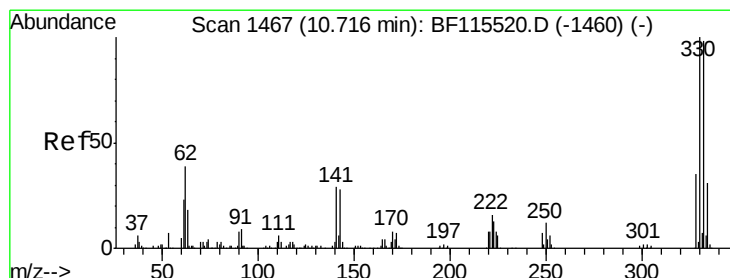
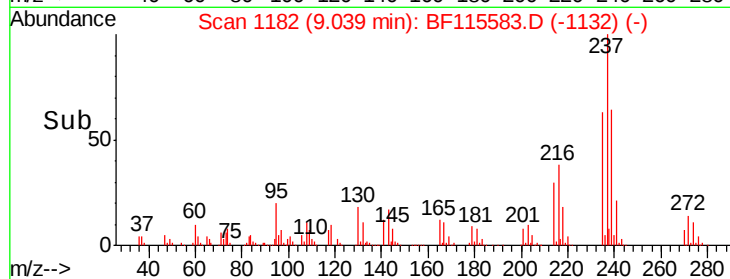
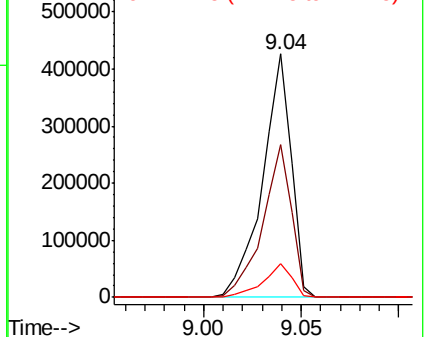
237 100

235 62.9 43.6 83.6

272 13.6 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 126.283 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

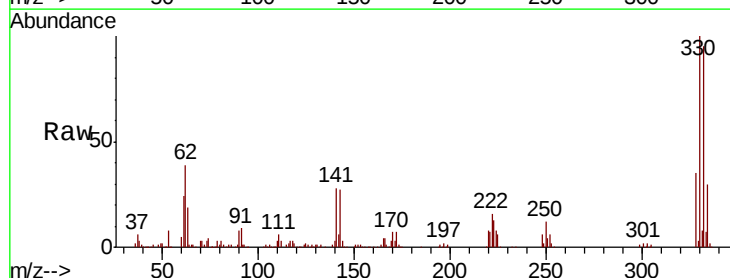
Tgt Ion:330 Resp: 549198

Ion Ratio Lower Upper

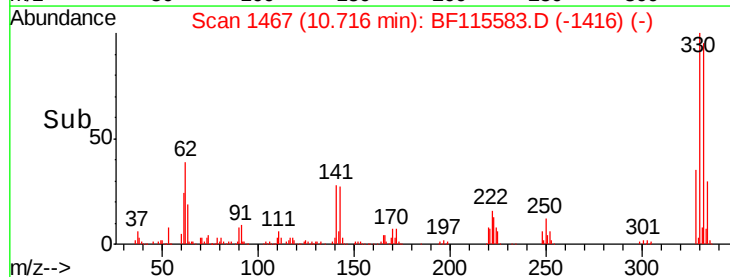
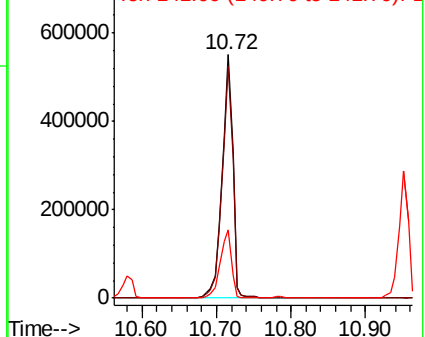
330 100

332 95.7 77.4 116.2

141 29.3 22.4 33.6



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

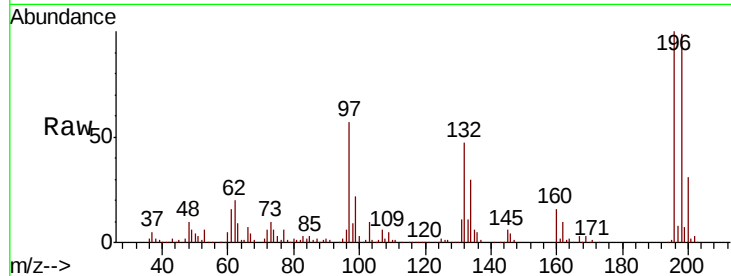




#43
 2,4,6-Trichlorophenol
 Concen: 46.117 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	80.6	121.0
200	31.2	25.8	38.6

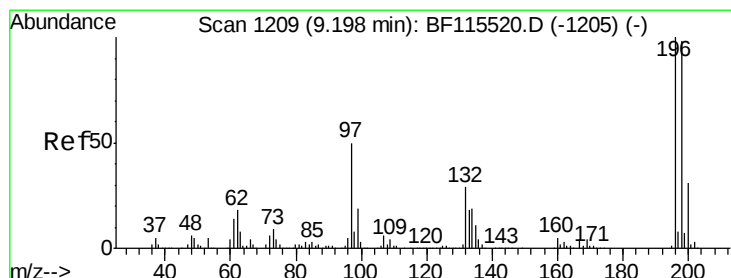
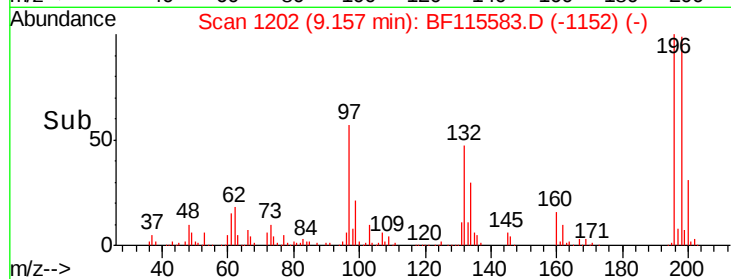
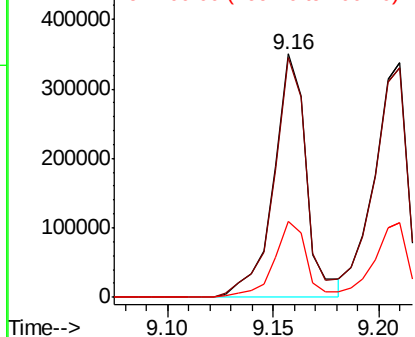


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.676 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.6	119.4
97	42.5	37.8	56.6
132	26.6	22.8	34.2

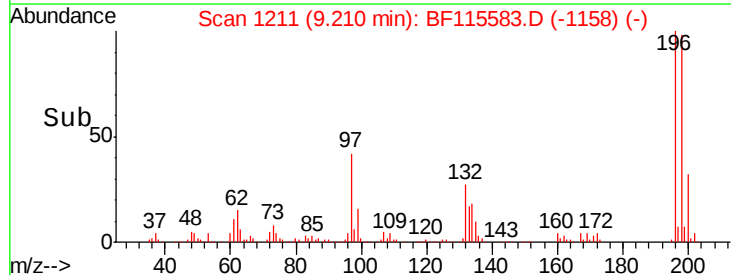
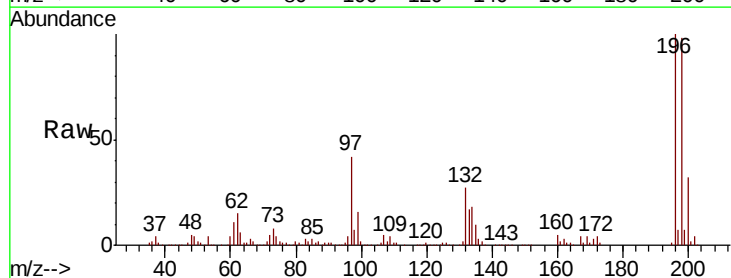
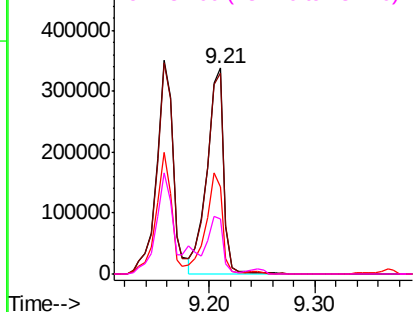
Abundance

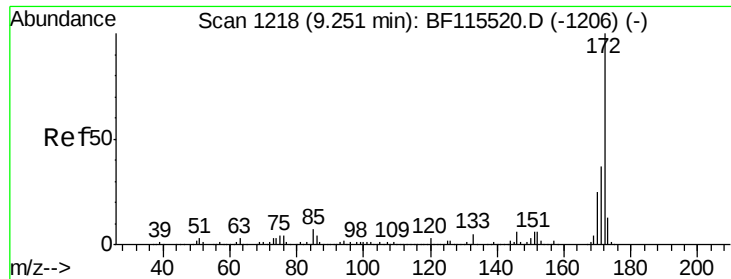
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

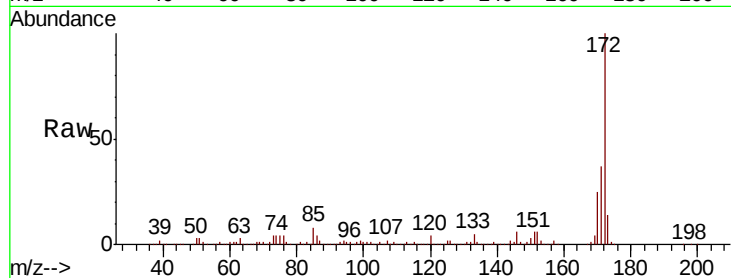




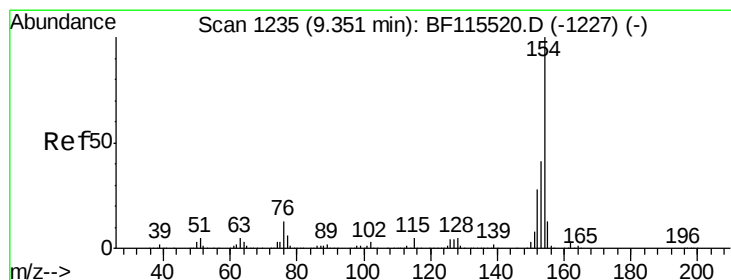
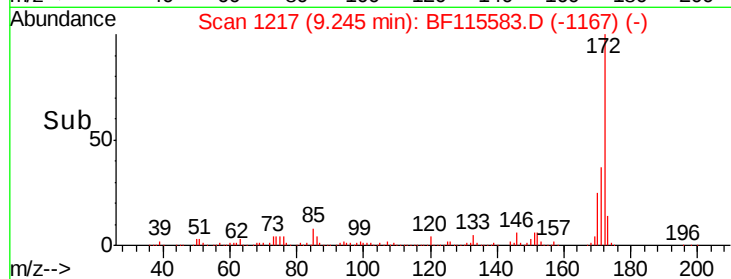
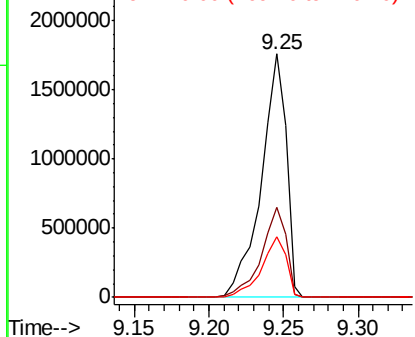
#45
2-Fluorobiphenyl
Concen: 95.515 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2033240
Ion Ratio Lower Upper
172 100
171 37.2 30.6 46.0
170 25.0 20.5 30.7

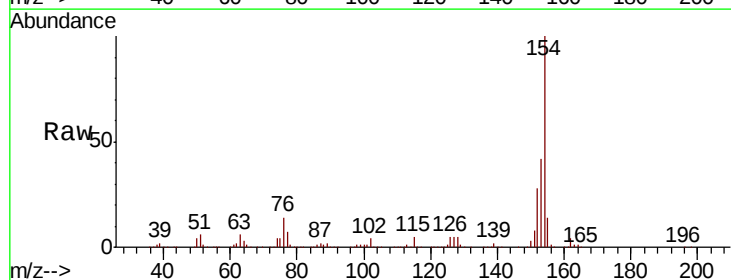


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

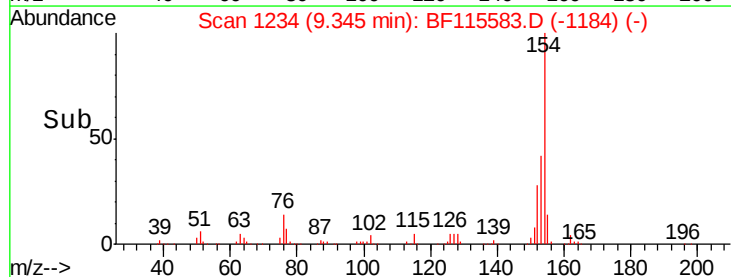
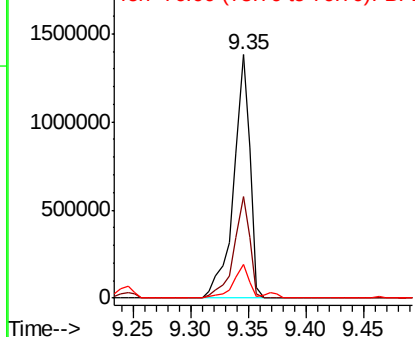


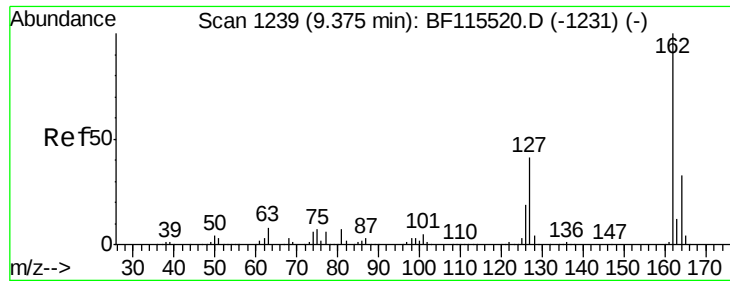
#46
1,1'-Biphenyl
Concen: 45.872 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:154 Resp: 1336164
Ion Ratio Lower Upper
154 100
153 41.8 22.6 62.6
76 14.0 0.0 33.4



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

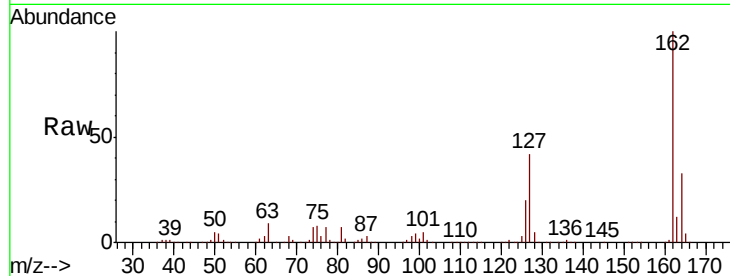




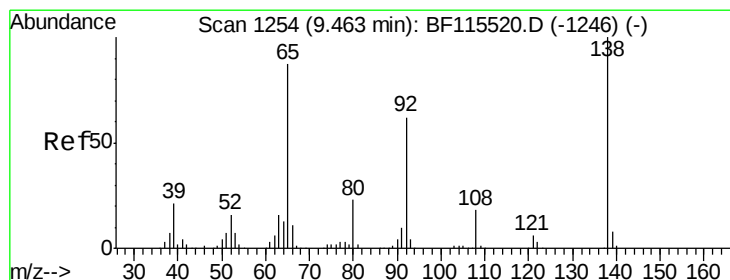
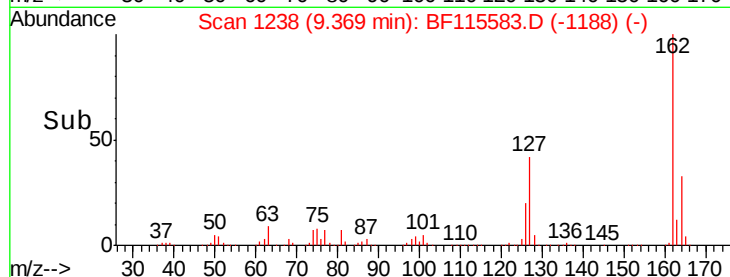
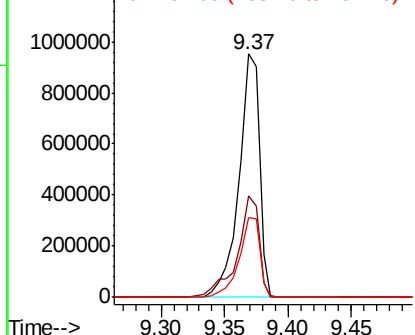
#47
2-Chloronaphthalene
Concen: 43.637 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1058348
Ion Ratio Lower Upper
162 100
127 41.7 34.1 51.1
164 33.0 27.4 41.2

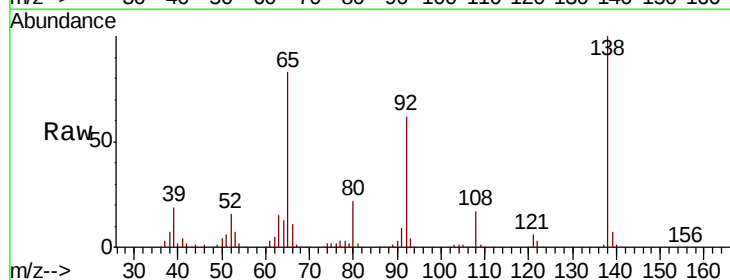


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

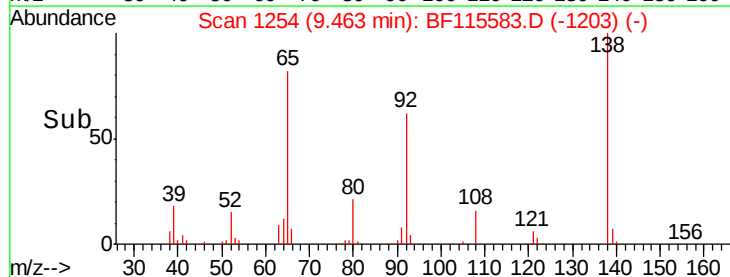
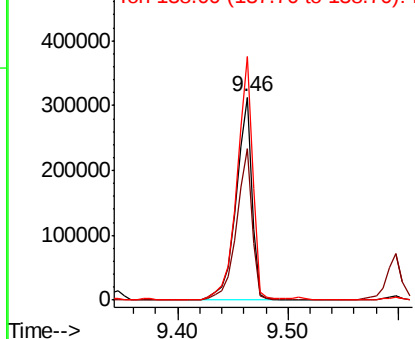


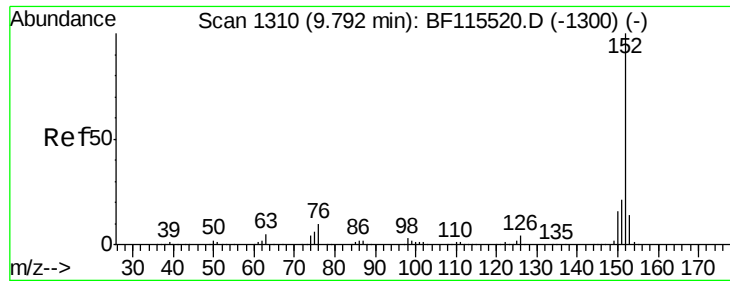
#48
2-Nitroaniline
Concen: 42.286 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion: 65 Resp: 317437
Ion Ratio Lower Upper
65 100
92 74.5 57.8 86.6
138 119.8 91.2 136.8



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: 44.198 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

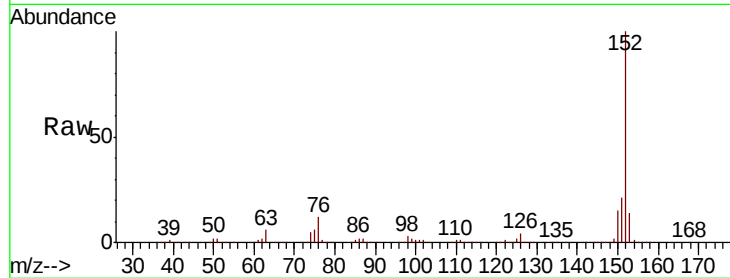
Tot Ion:152 Resp: 1588377

Ion Ratio Lower Upper

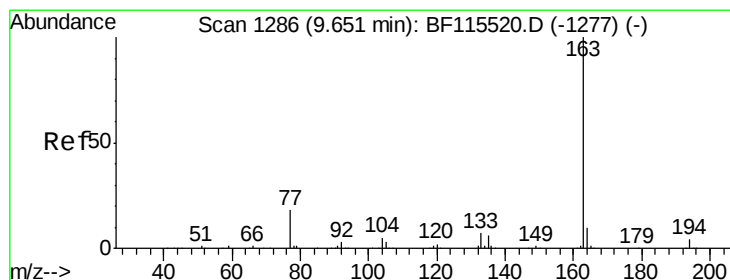
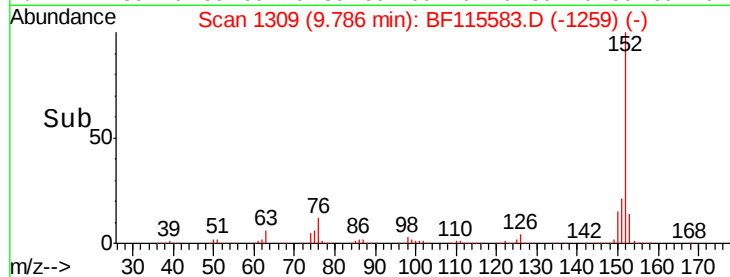
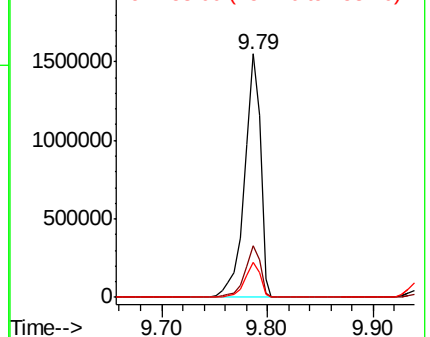
152 100

151 21.3 17.7 26.5

153 14.4 12.0 18.0



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



#50

Dimethylphthalate

Concen: 44.179 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

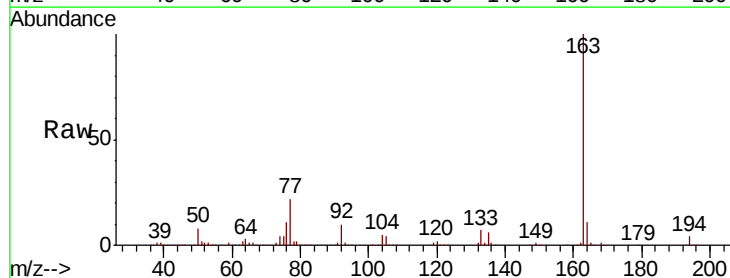
Tgt Ion:163 Resp: 1238428

Ion Ratio Lower Upper

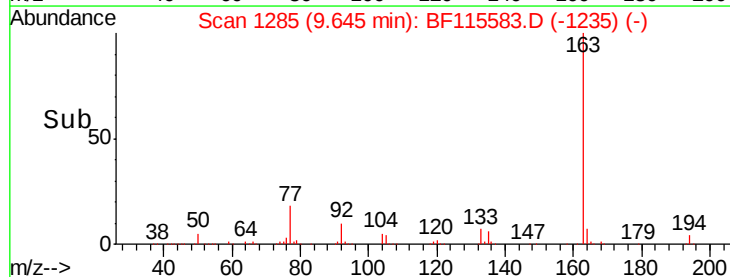
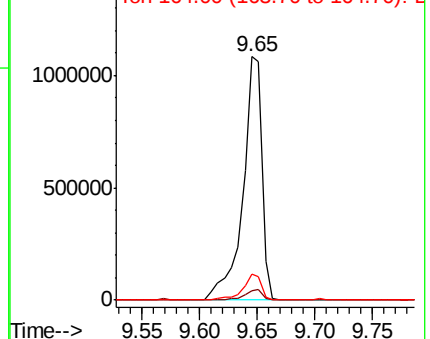
163 100

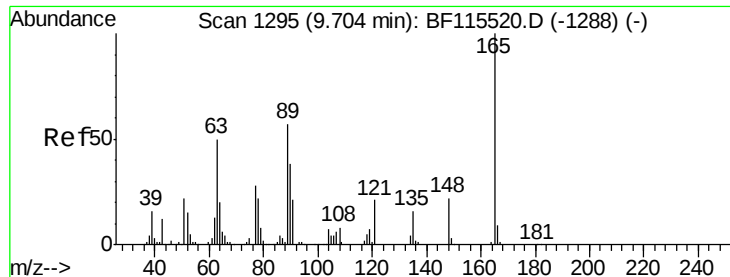
194 4.0 3.3 4.9

164 10.7 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 45.107 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampled :

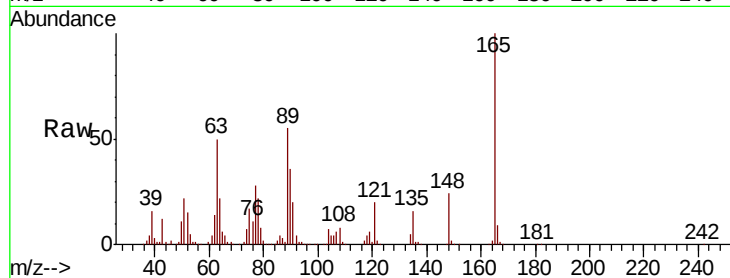
Tot Ion:165 Resp: 287355

Ion Ratio Lower Upper

165 100

63 50.4 40.6 61.0

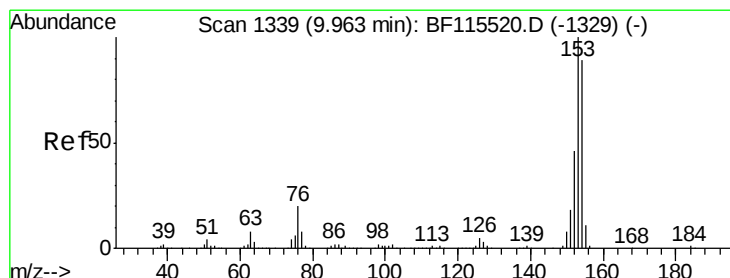
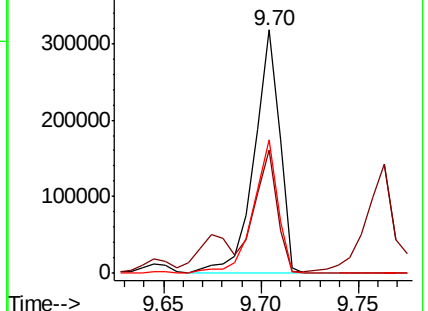
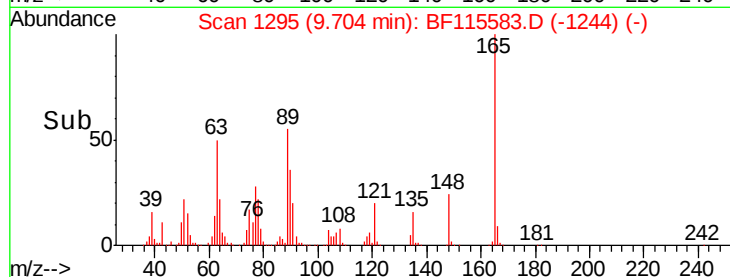
89 55.1 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.235 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

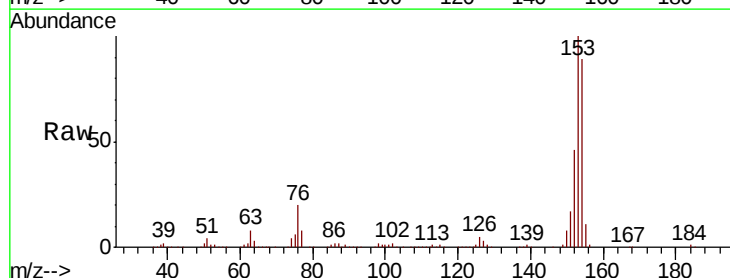
Tgt Ion:154 Resp: 1142372

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

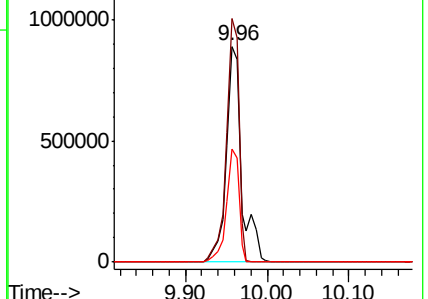
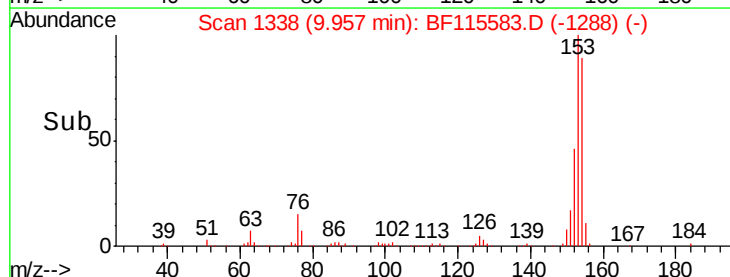
152 52.4 42.3 63.5

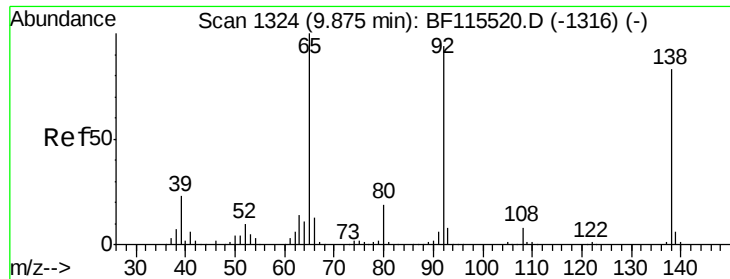


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

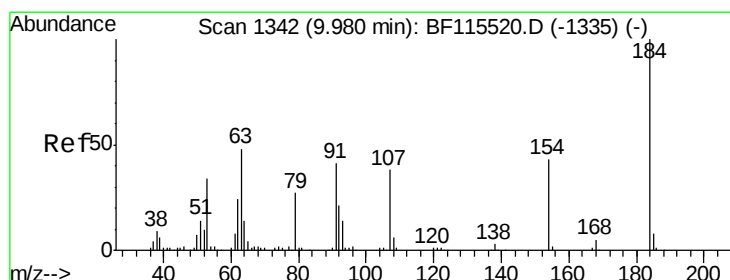
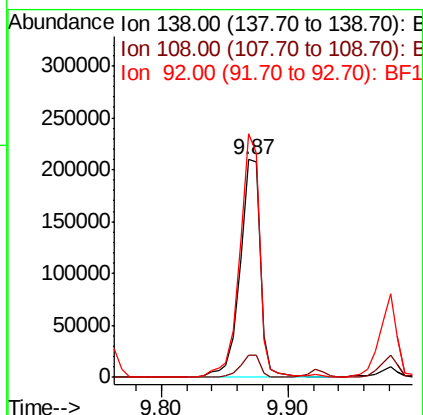
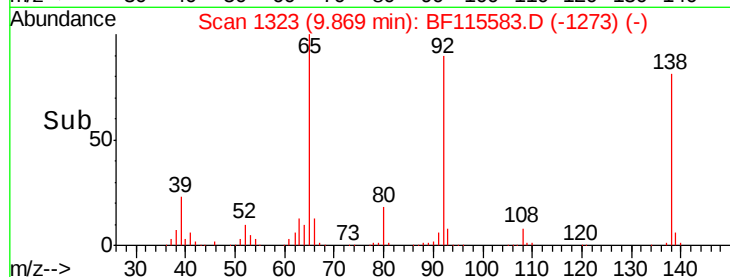
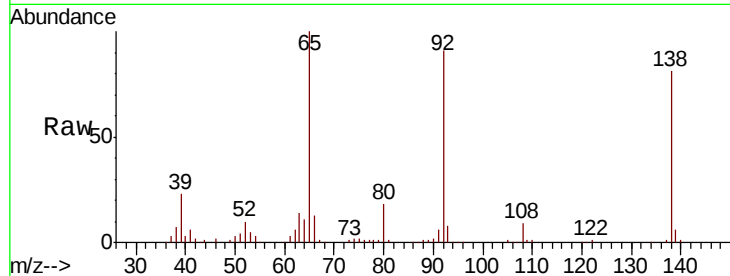




#53
3-Nitroaniline
Concen: 31.775 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

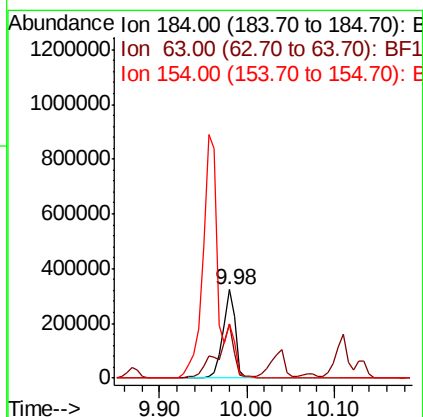
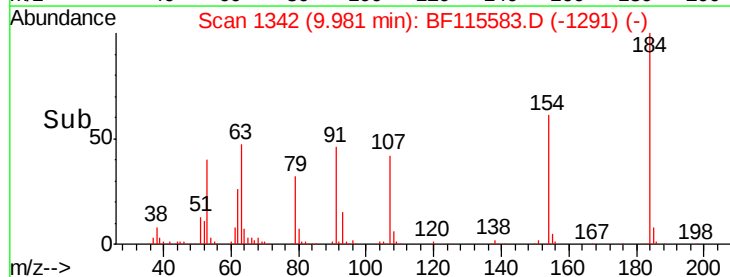
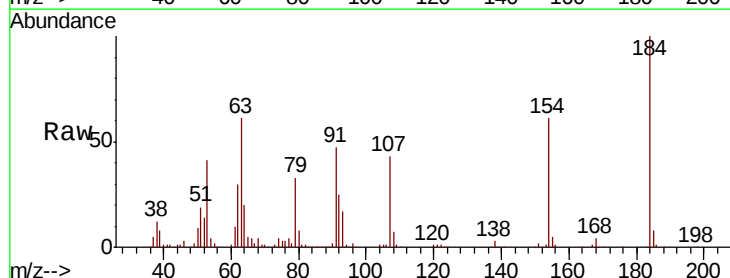
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 231322
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 111.9 88.0 132.0



#54
2,4-Dinitrophenol
Concen: 99.583 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:184 Resp: 325708
Ion Ratio Lower Upper
184 100
63 60.7 48.7 73.1
154 61.4 48.6 73.0

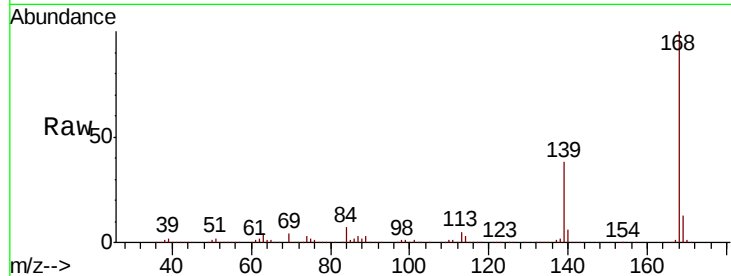




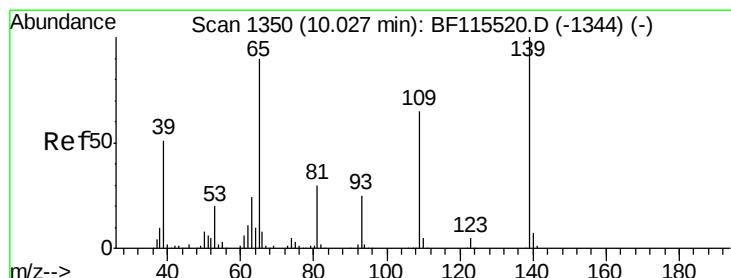
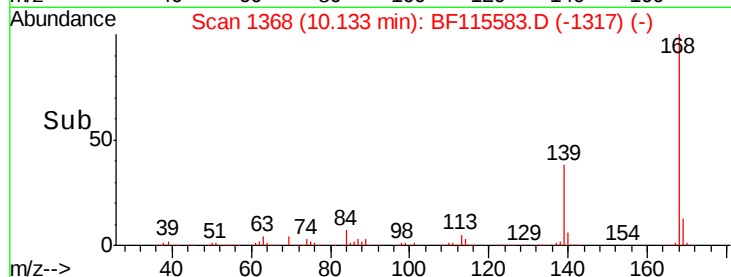
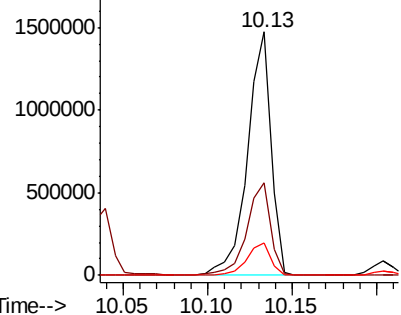
#55
Dibenzofuran
Concen: 43.160 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1422109
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.5 11.1 16.7

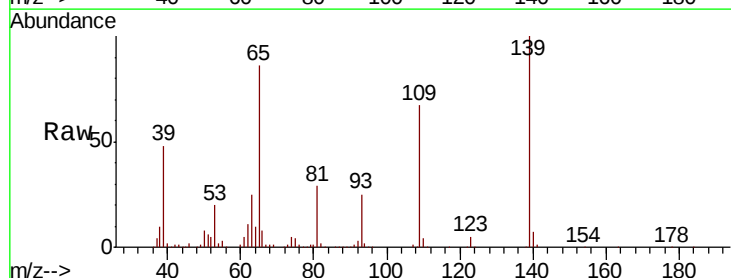


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

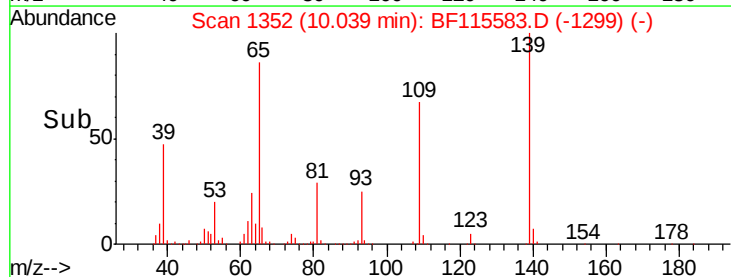
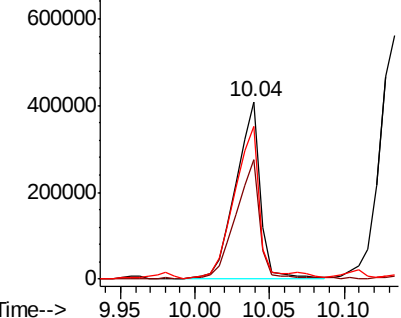


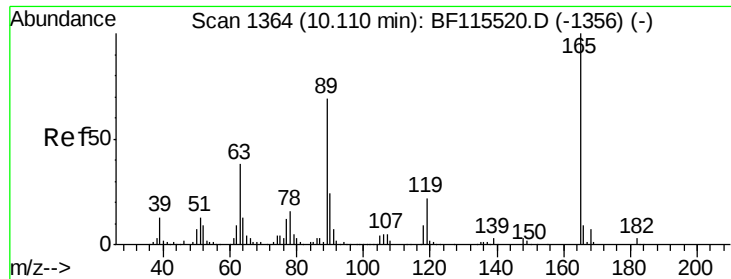
#56
4-Nitrophenol
Concen: 83.105 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:139 Resp: 461339
Ion Ratio Lower Upper
139 100
109 67.0 46.4 86.4
65 86.1 68.9 108.9



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

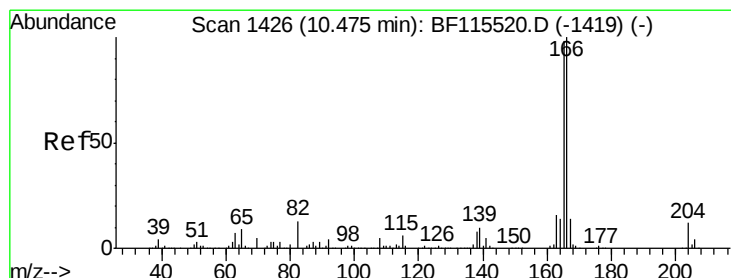
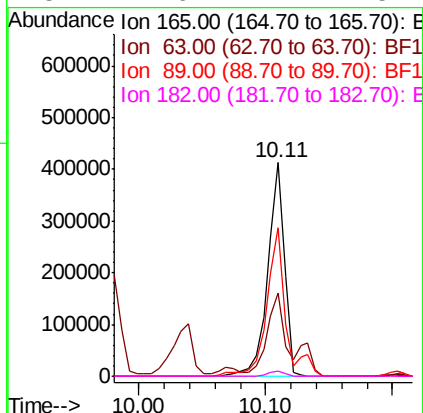
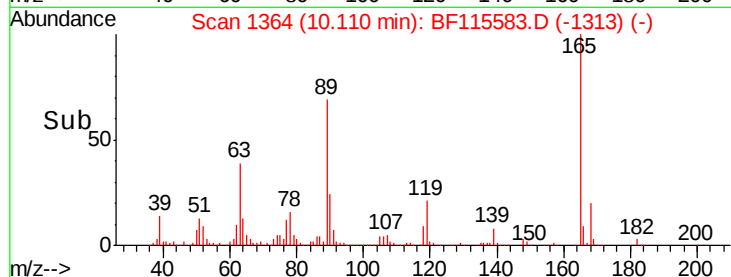
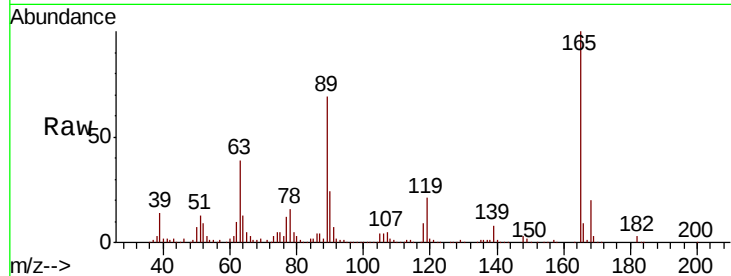




#57
2,4-Dinitrotoluene
Concen: 45.957 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

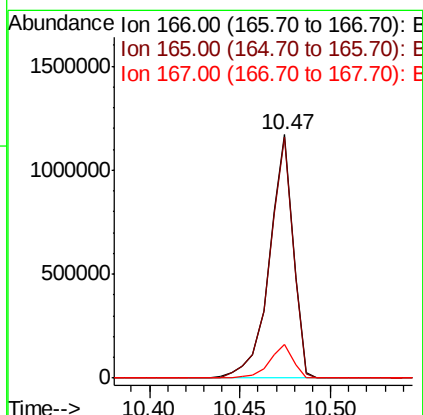
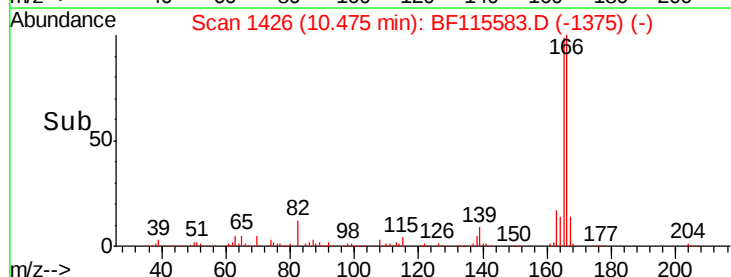
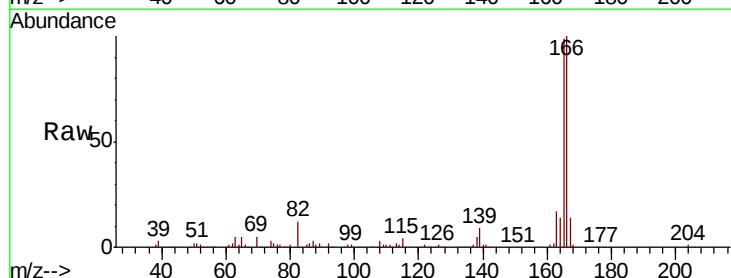
Instrument :
BNA_F
ClientSampleId :

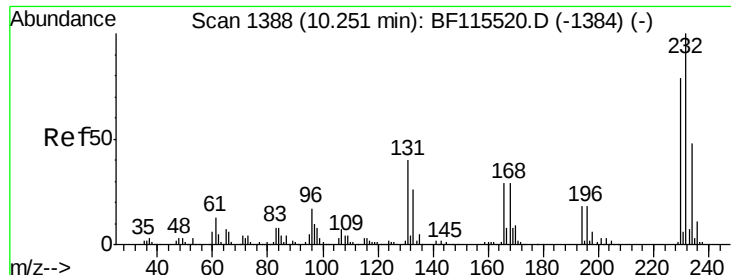
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	34.9	52.3
89	69.4	57.5	86.3
182	2.6	2.2	3.4



#58
Fluorene
Concen: 44.969 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.6
167	13.6	11.2	16.8

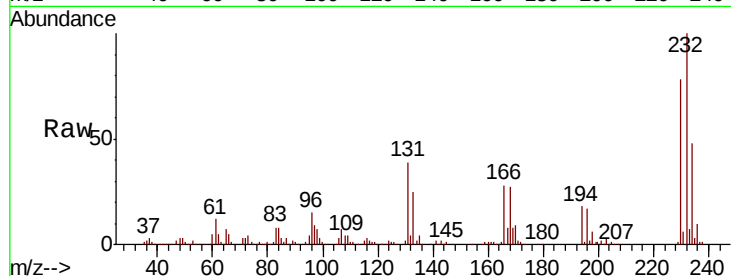




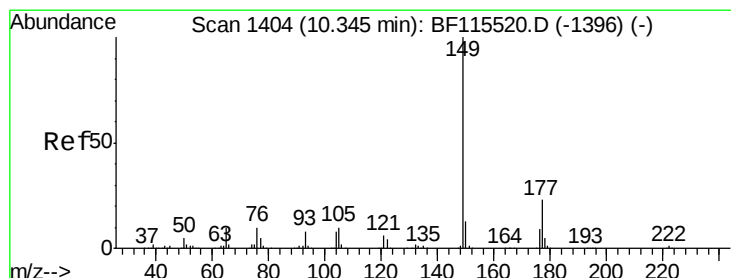
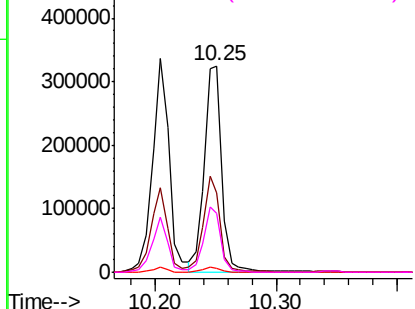
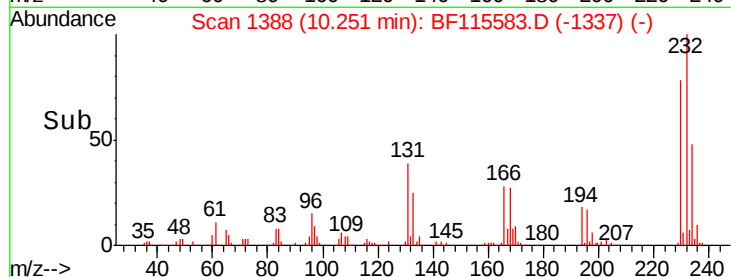
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.475 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	326452
Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.9	53.9
130	2.2	1.8	2.6
166	30.4	24.8	37.2

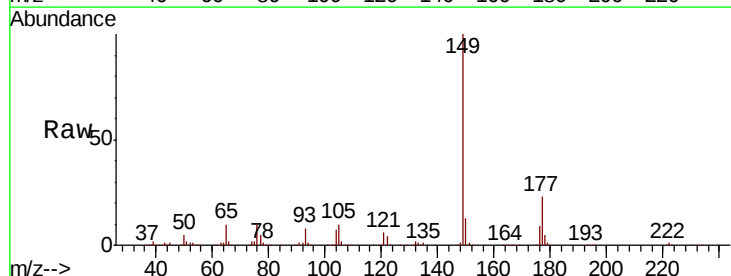


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

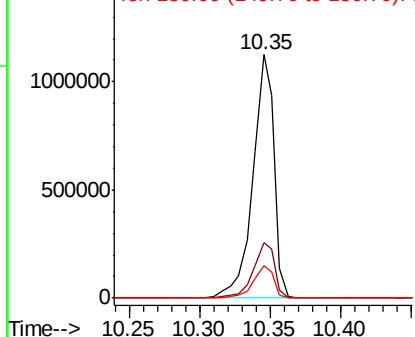
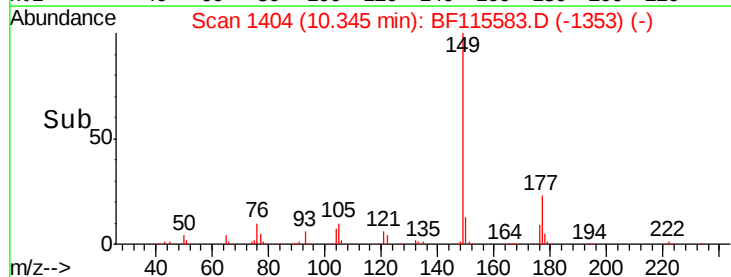


#60
 Diethylphthalate
 Concen: 45.170 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion:	149	Resp:	1186393
Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.5	29.3
150	13.4	10.4	15.6



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

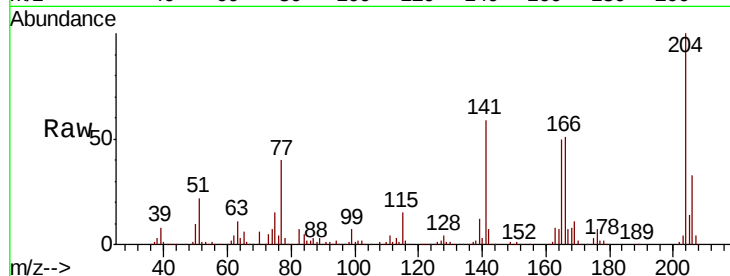




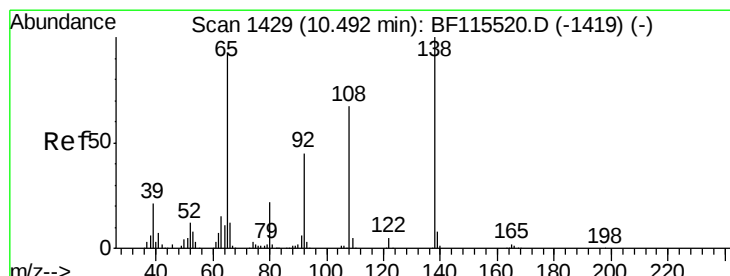
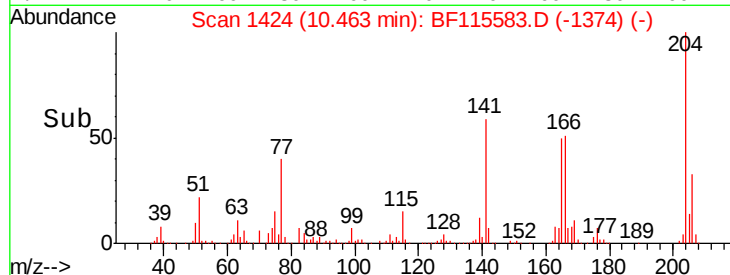
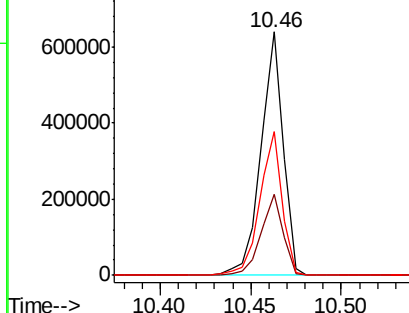
#61
 4-Chlorophenyl-phenylether
 Concen: 41.878 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 547047
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 59.1 44.2 66.2

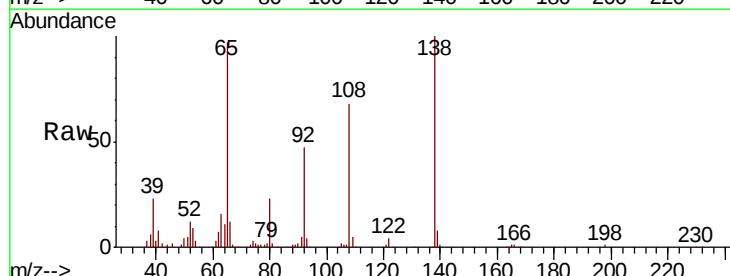


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

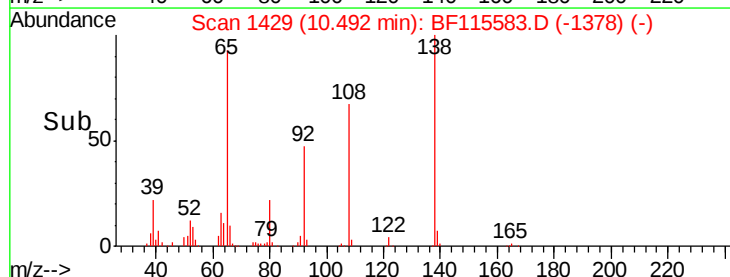
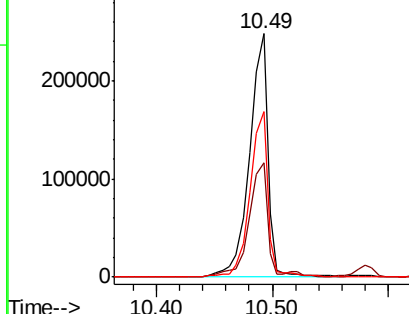


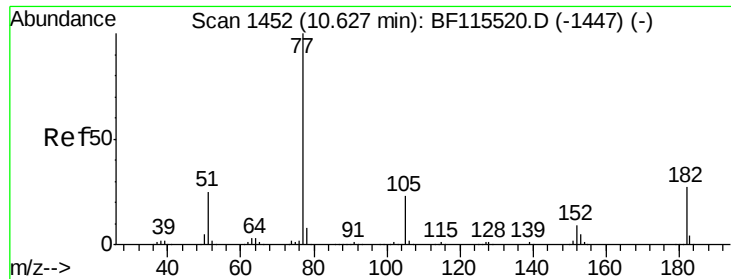
#62
 4-Nitroaniline
 Concen: 39.735 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion:138 Resp: 277470
 Ion Ratio Lower Upper
 138 100
 92 47.2 27.1 67.1
 108 68.1 48.0 88.0



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





#63

Azobenzene

Concen: 44.649 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

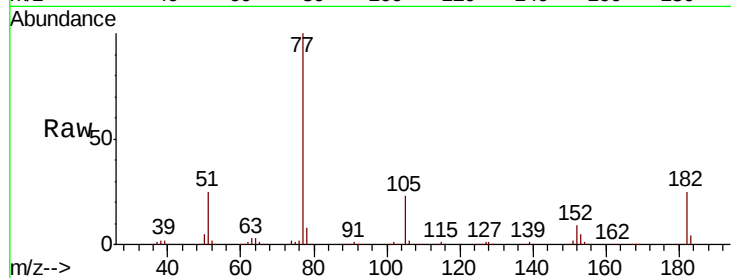
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1137466

Ion	Ratio	Lower	Upper
77	100		
182	25.5	6.9	46.9
105	22.7	3.9	43.9
51	25.4	7.3	47.3

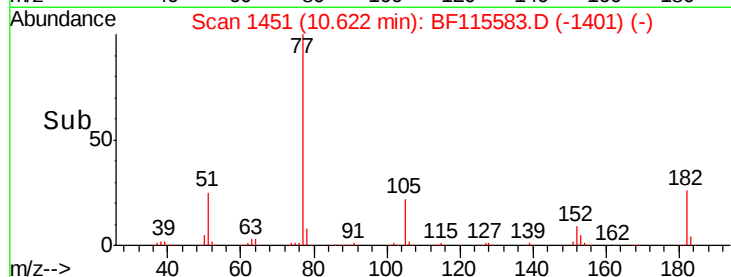


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.62

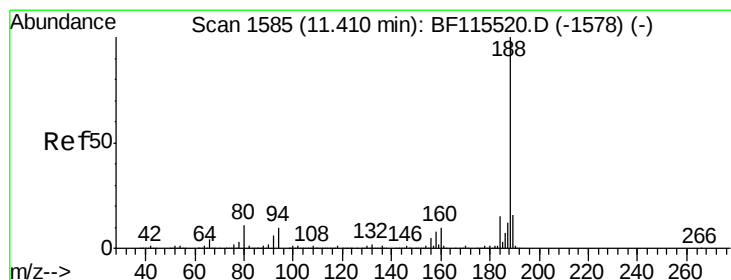
1500000

1000000

500000

0

10.55 10.60 10.65 10.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

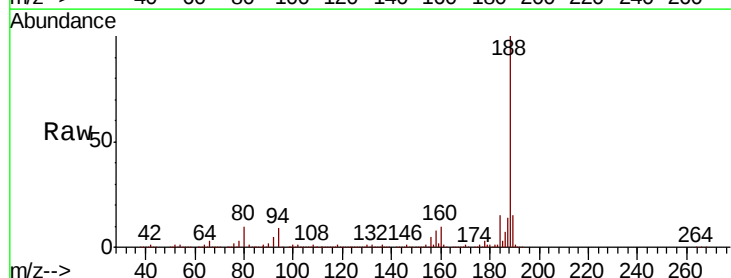
Delta R.T. 0.00 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Tgt Ion: 188 Resp: 715685

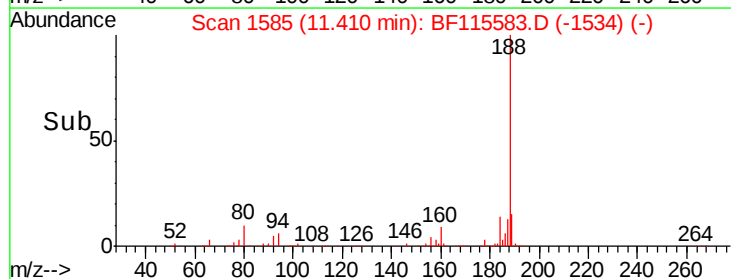
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.6
80	10.0	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.41

1000000

800000

600000

400000

200000

0

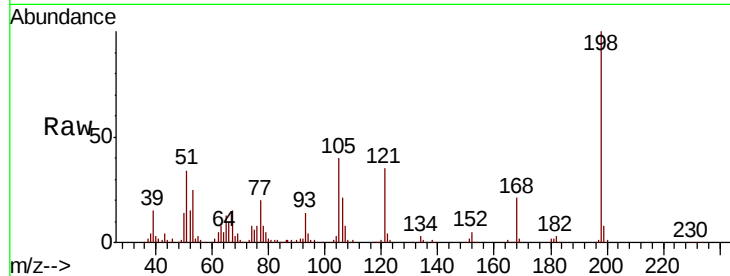
11.35 11.40 11.45



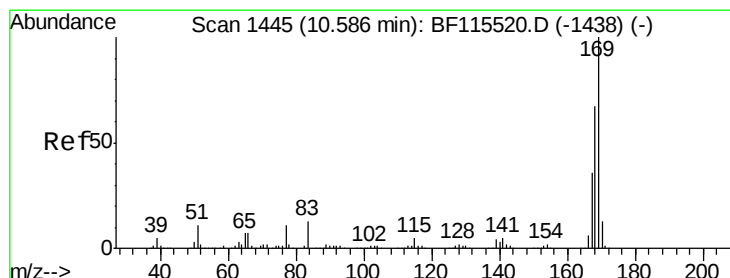
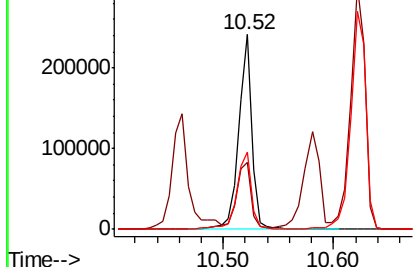
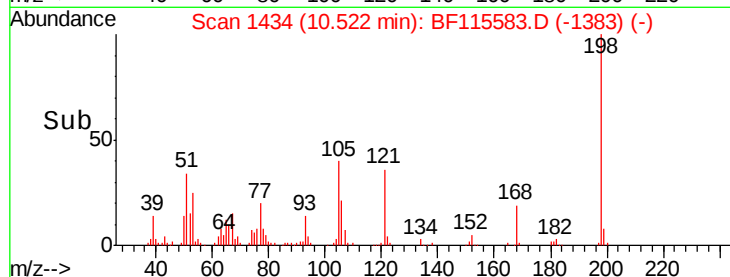
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.537 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.5	19.1	59.1
105	39.8	23.6	63.6

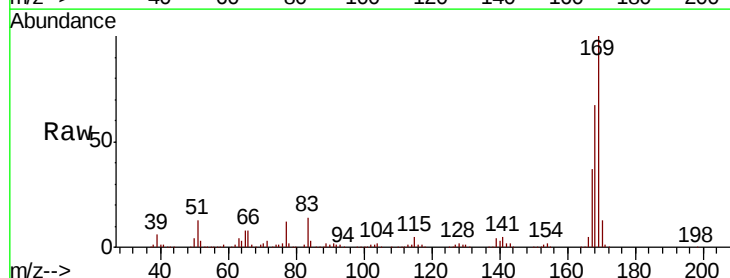


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

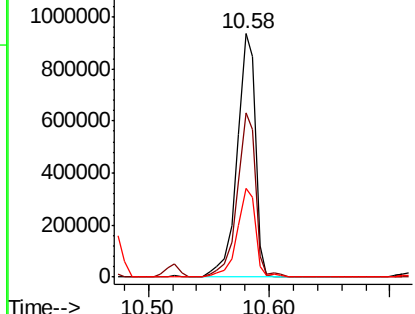
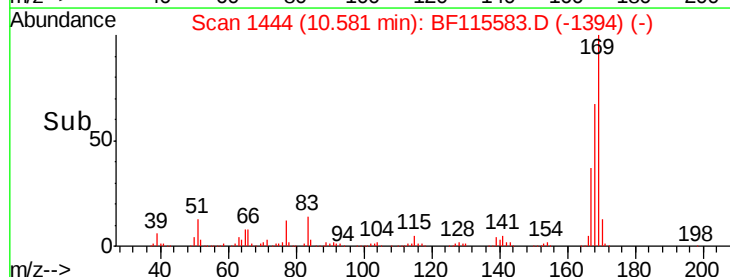


#66
 n-Nitrosodiphenylamine
 Concen: 44.323 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.3	81.5
167	36.7	30.2	45.2



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

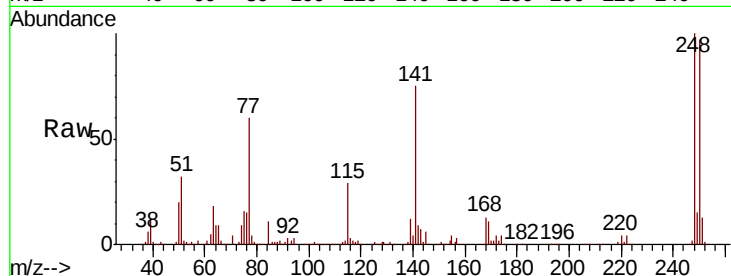




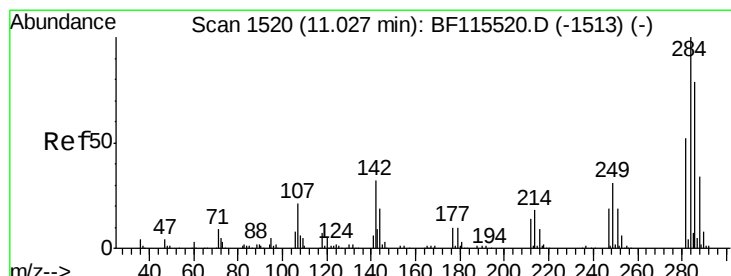
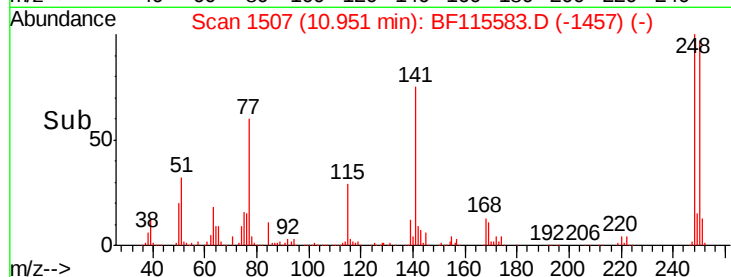
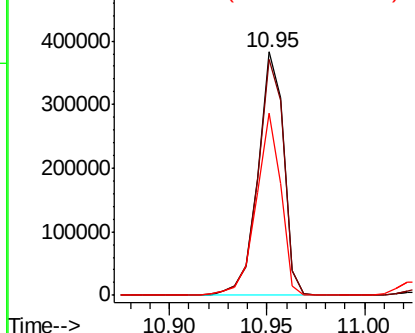
#67
4-Bromophenyl-phenylether
Concen: 42.667 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 348959
Ion Ratio Lower Upper
248 100
250 96.7 78.0 117.0
141 74.9 57.7 86.5

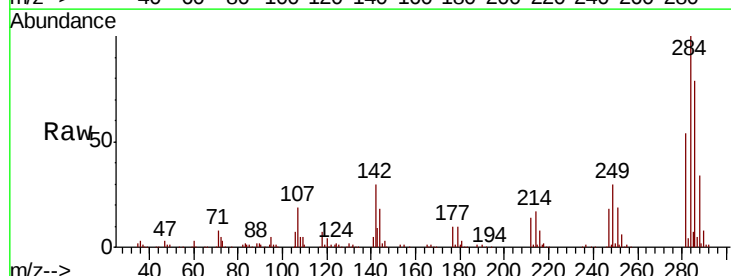


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

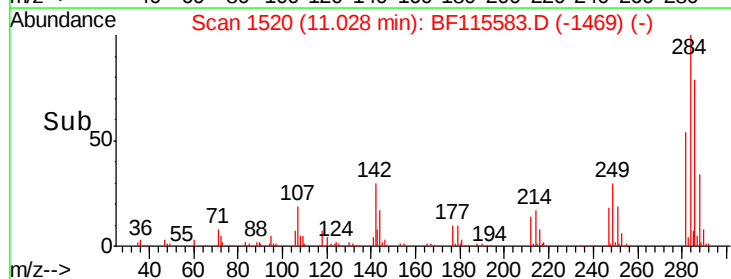
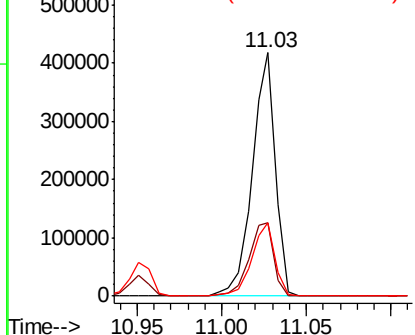


#68
Hexachlorobenzene
Concen: 42.730 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:284 Resp: 399093
Ion Ratio Lower Upper
284 100
142 30.0 22.2 33.2
249 30.1 23.4 35.2



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

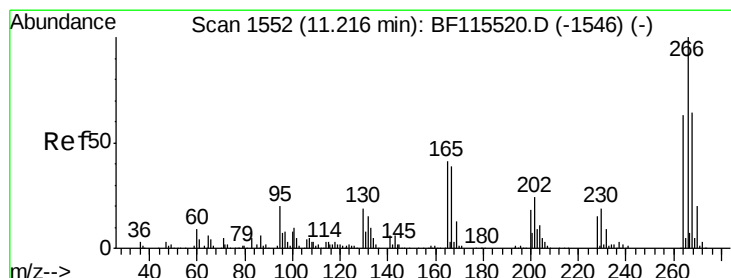
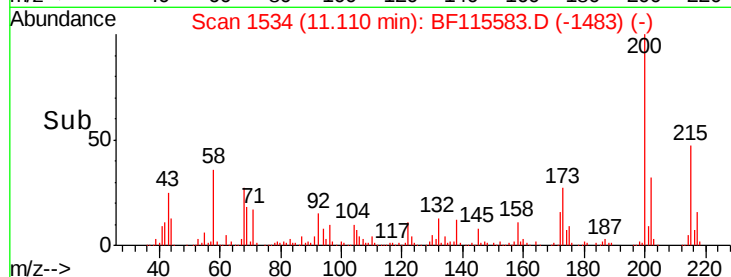
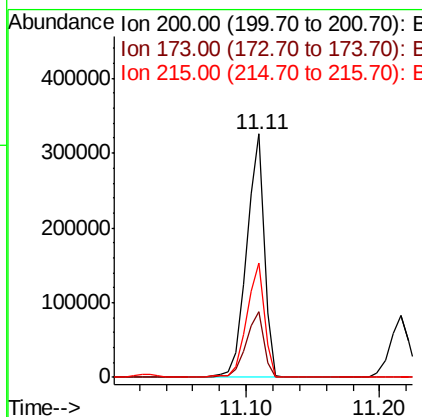
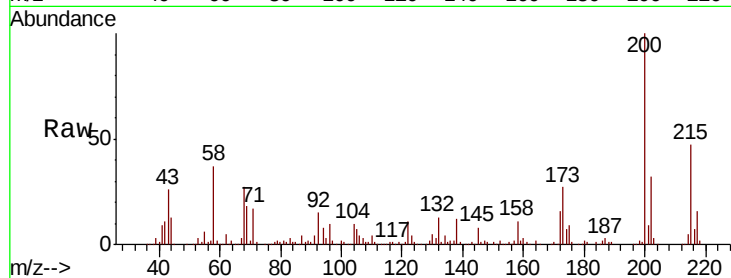




#69
 Atrazine
 Concen: 40.435 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

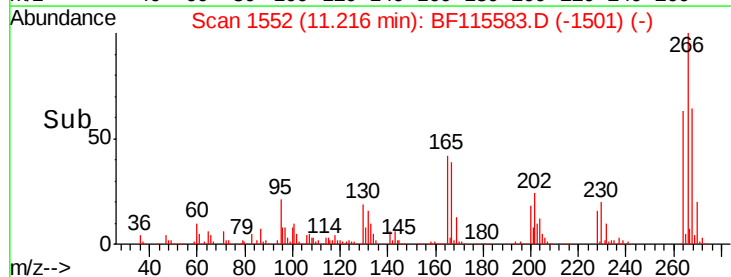
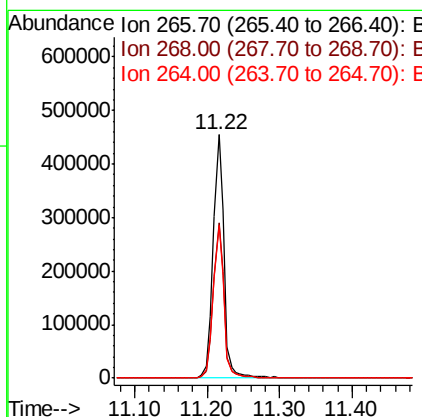
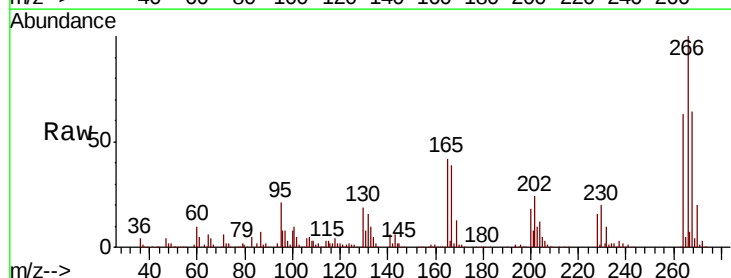
Instrument :
 BNA_F
 ClientSampleId :

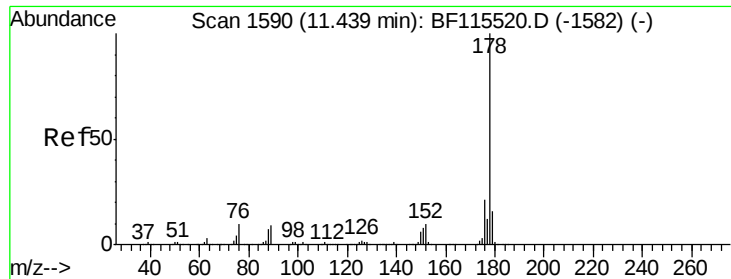
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	46.8	27.9	67.9



#70
 Pentachlorophenol
 Concen: 83.811 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.6	77.4
264	62.5	50.6	76.0

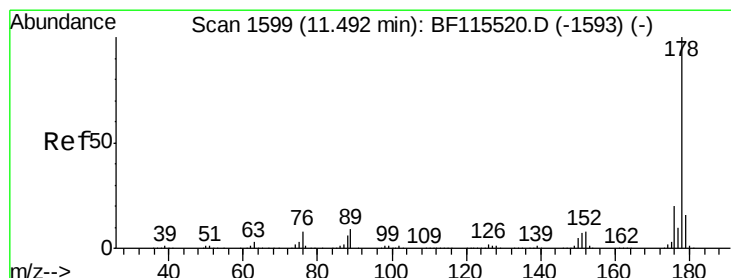
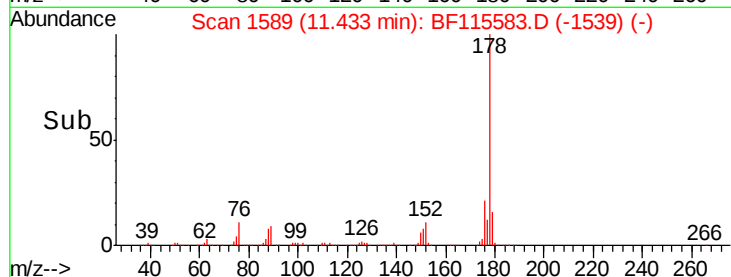
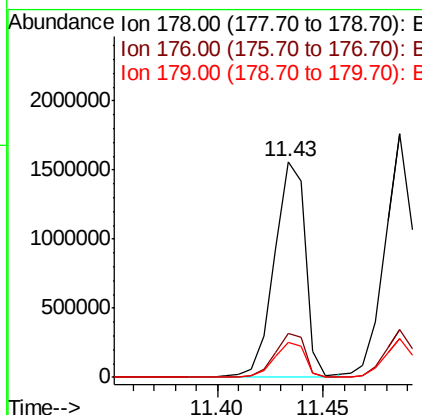
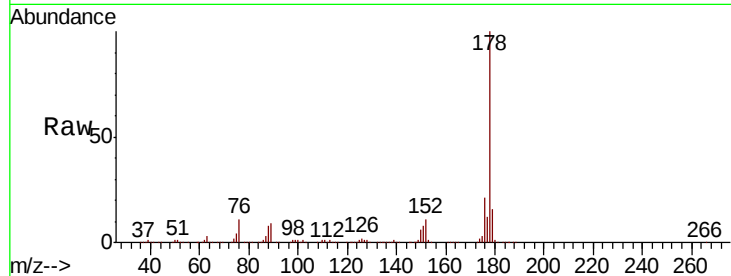




#71
Phenanthrene
Concen: 43.596 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

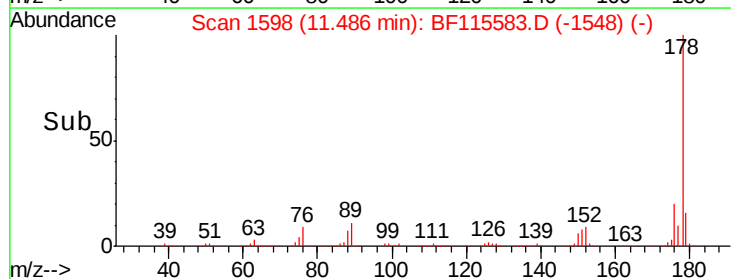
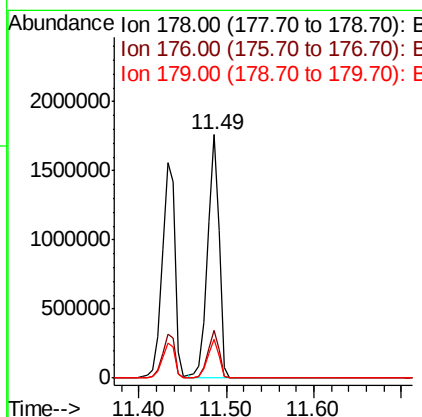
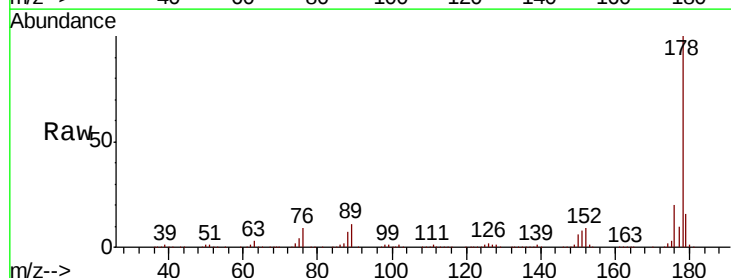
Instrument :
BNA_F
ClientSampled :

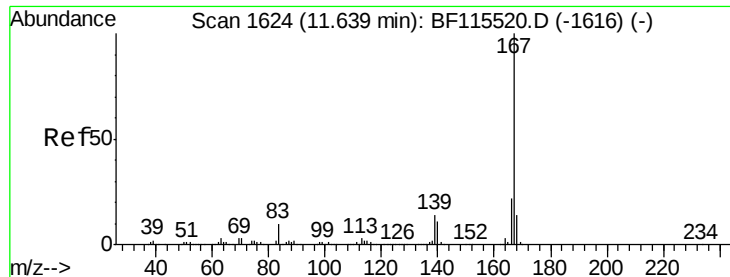
Tot Ion:178 Resp: 1599352
Ion Ratio Lower Upper
178 100
176 20.6 17.2 25.8
179 16.5 13.5 20.3



#72
Anthracene
Concen: 42.686 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:178 Resp: 1618343
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.0 12.7 19.1

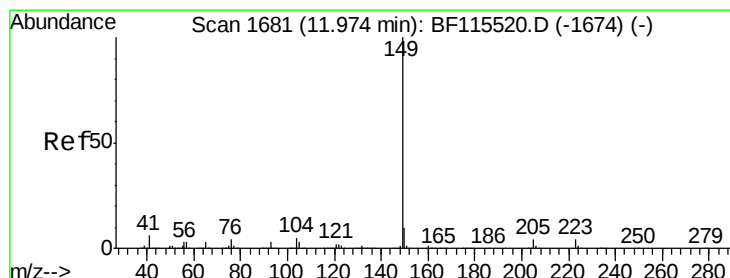
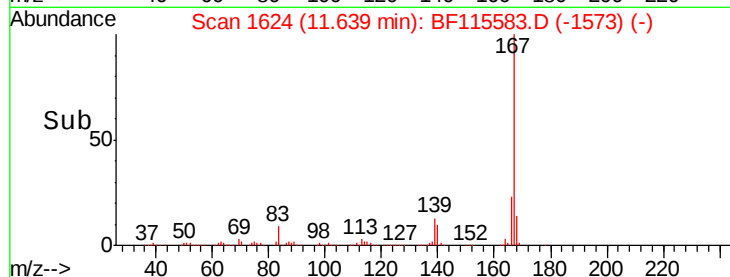
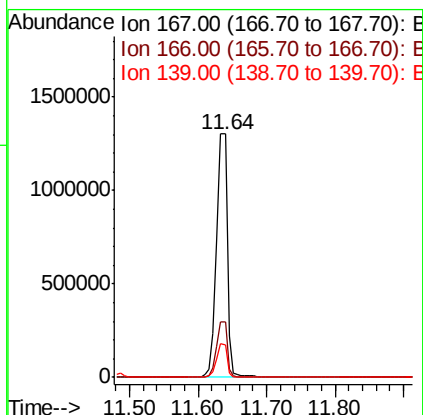
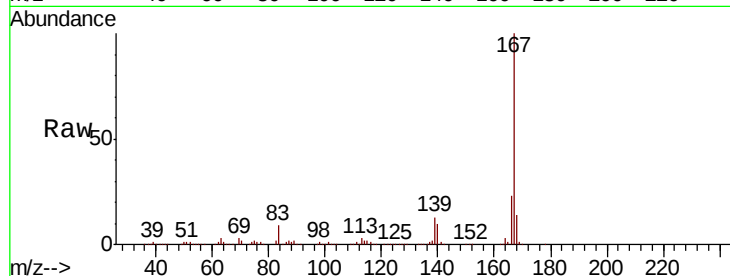




#73
 Carbazole
 Concen: 42.476 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

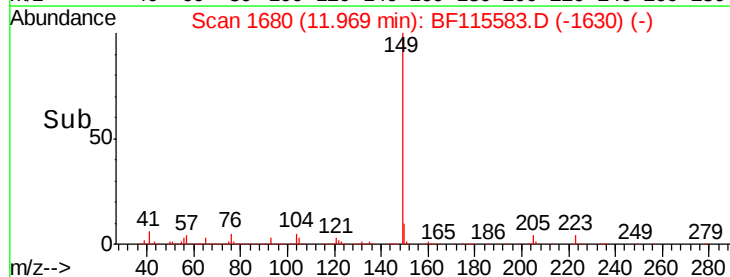
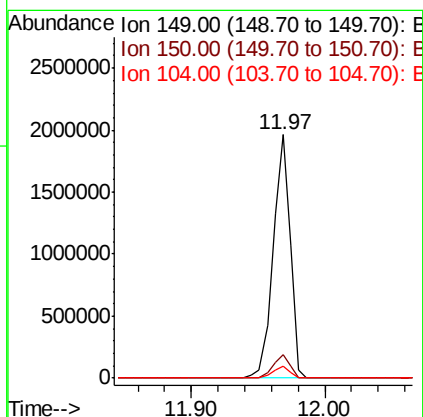
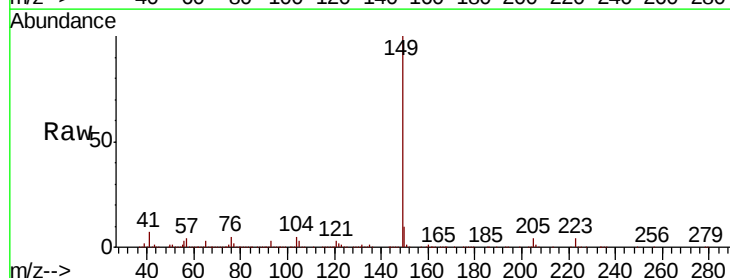
Instrument :
 BNA_F
 ClientSampleId :

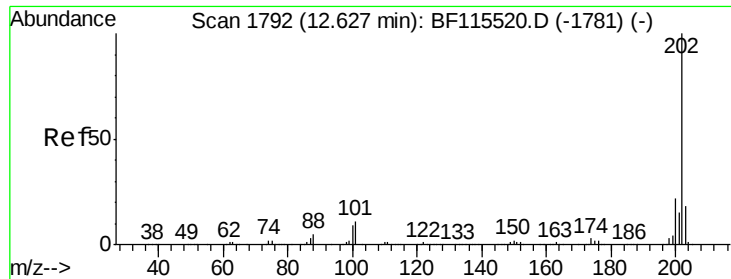
Tot Ion:167 Resp: 1412202
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.3 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 42.736 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion:149 Resp: 1750150
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.1 3.8 5.8

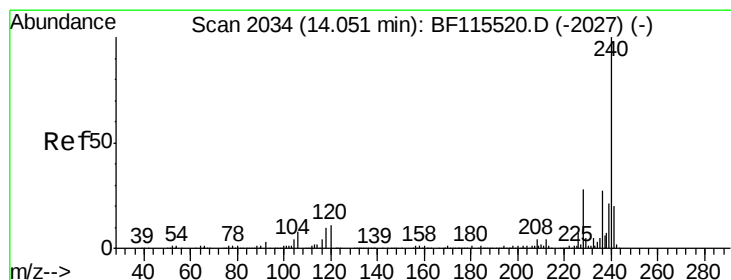
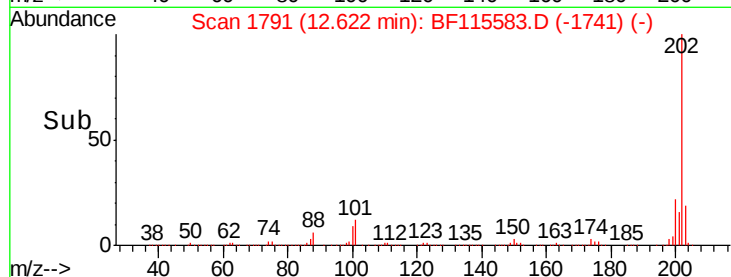
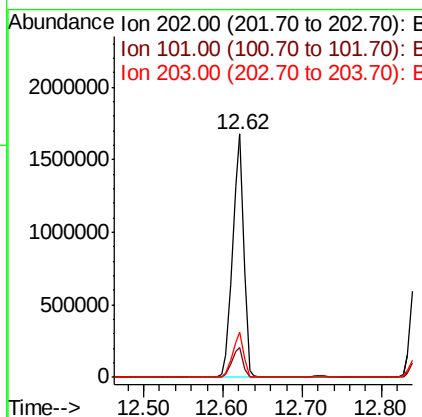
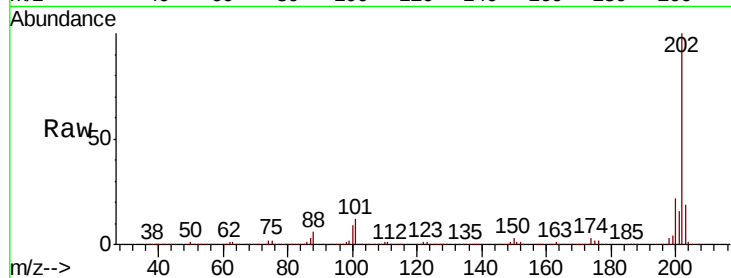




#75
Fluoranthene
Concen: 42.119 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

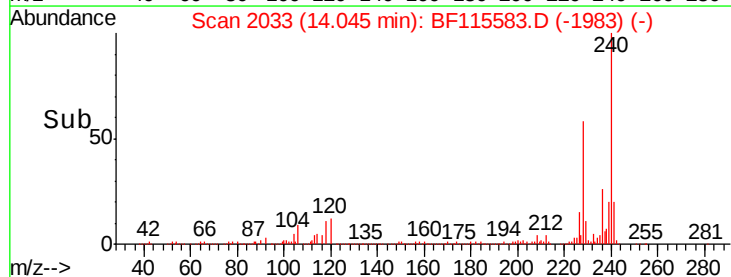
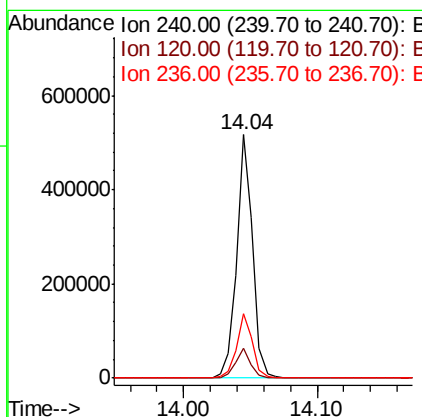
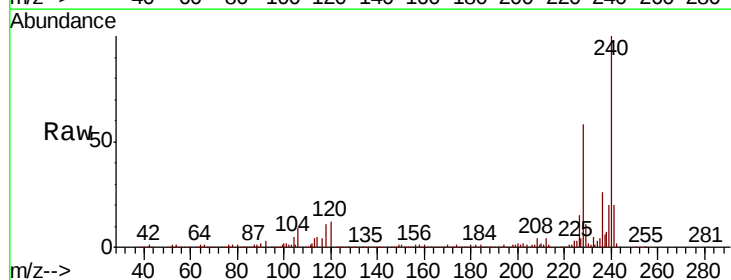
Instrument :
BNA_F
ClientSampleId :

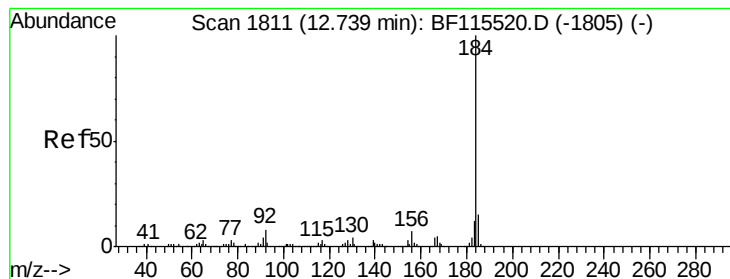
Tot Ion:202 Resp: 1632817
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 18.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:240 Resp: 430556
Ion Ratio Lower Upper
240 100
120 12.1 8.6 13.0
236 26.2 21.3 31.9





#77

Benzidine

Concen: 15.722 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

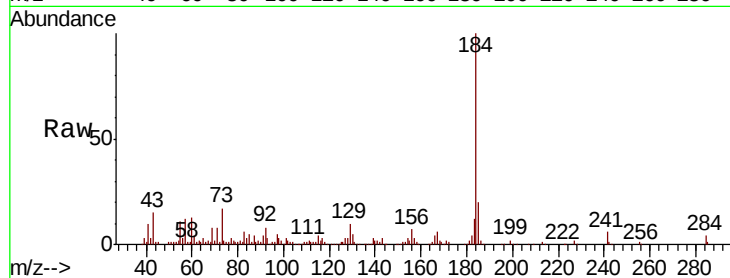
Tot Ion:184 Resp: 239794

Ion Ratio Lower Upper

184 100

185 19.9 12.0 18.0#

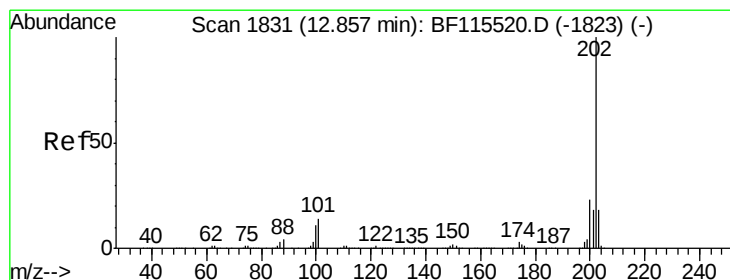
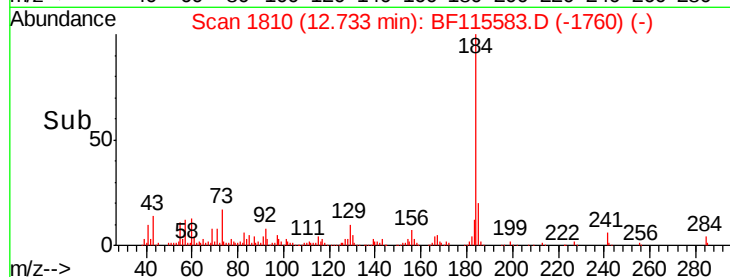
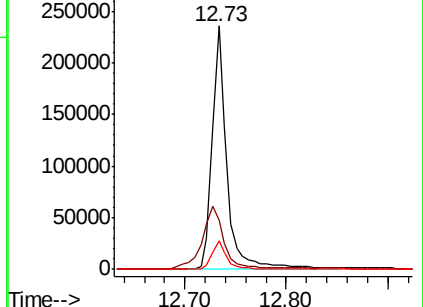
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.730 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

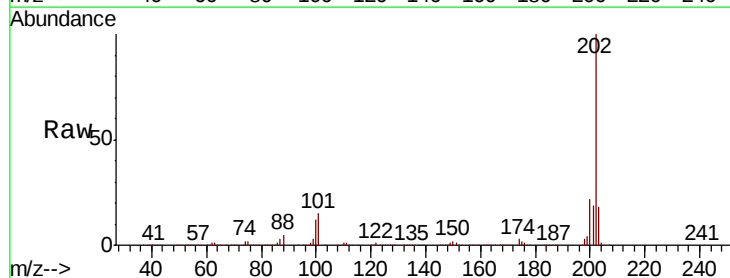
Tgt Ion:202 Resp: 1631663

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

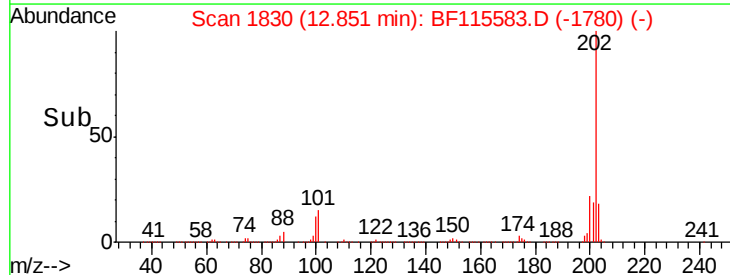
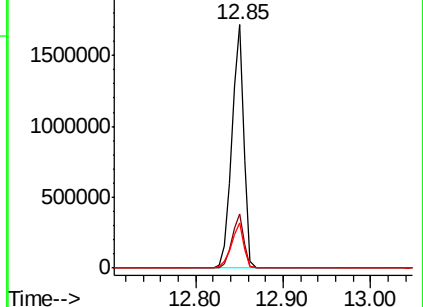
203 18.5 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

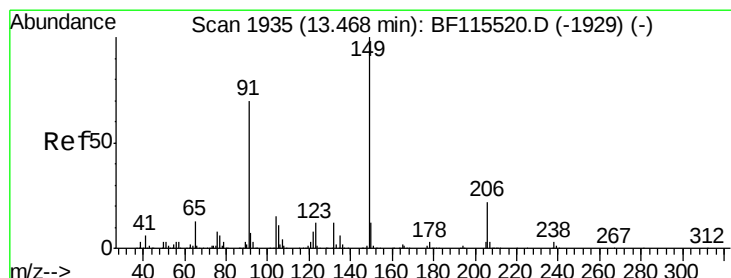
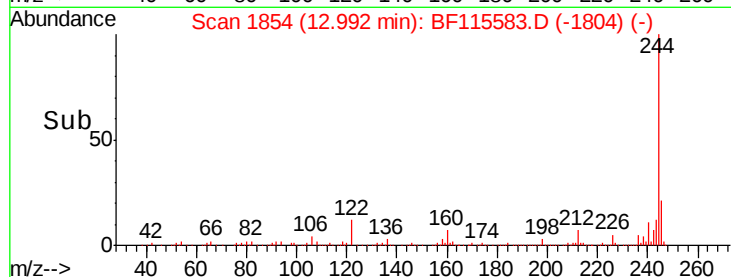
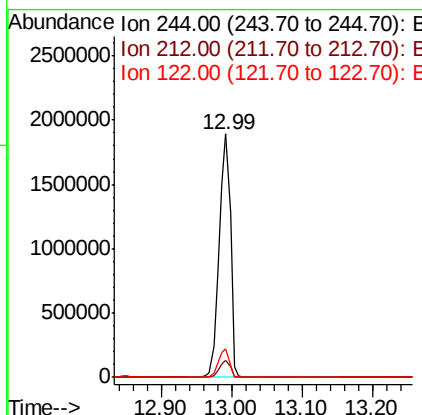
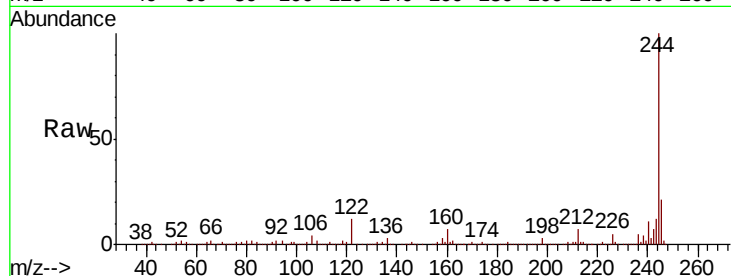




#79
 Terphenyl-d14
 Concen: 89.439 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

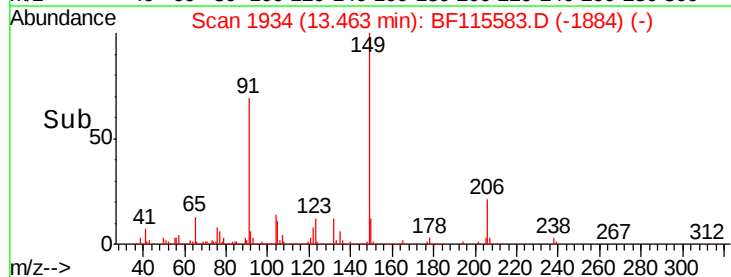
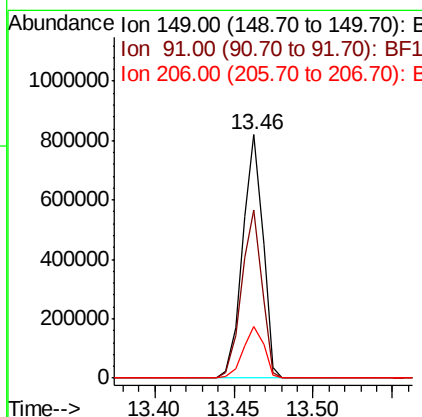
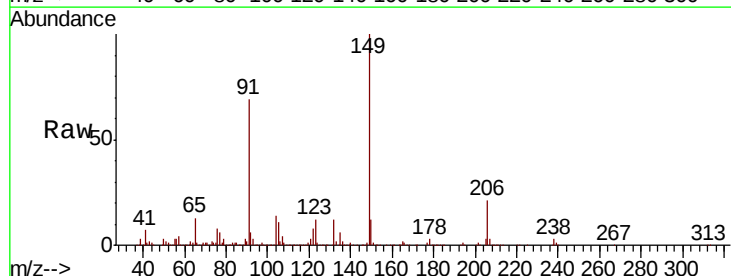
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2086985
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.6 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 46.713 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion:149 Resp: 726410
 Ion Ratio Lower Upper
 149 100
 91 68.8 55.8 83.8
 206 21.3 18.2 27.2





#81

Benzo(a)anthracene

Concen: 43.737 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

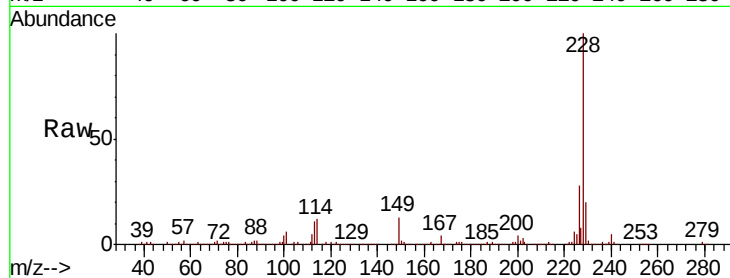
Tot Ion:228 Resp: 1240601

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.0
229	20.0	17.2	25.8

228 100

226 27.8 23.4 35.0

229 20.0 17.2 25.8

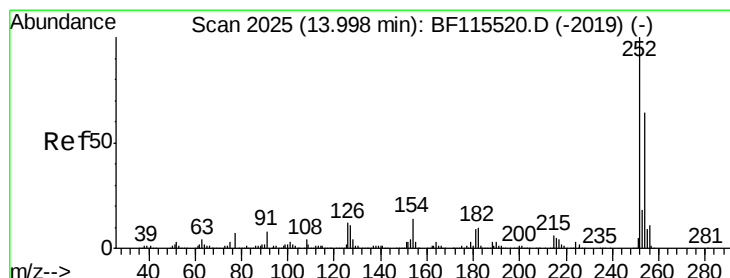
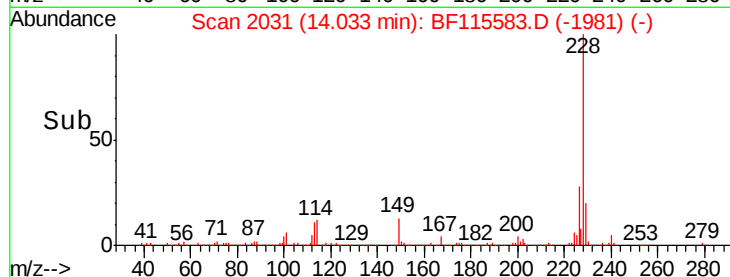
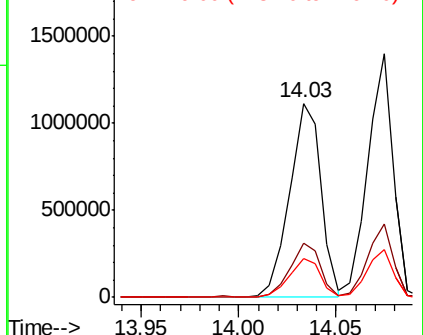


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.442 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

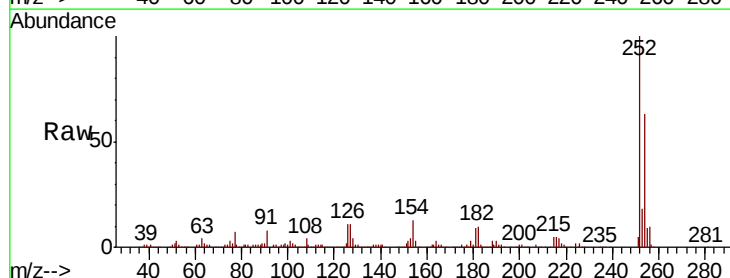
Tgt Ion:252 Resp: 327135

Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.9	79.3
126	11.3	9.9	14.9

252 100

254 63.2 52.9 79.3

126 11.3 9.9 14.9

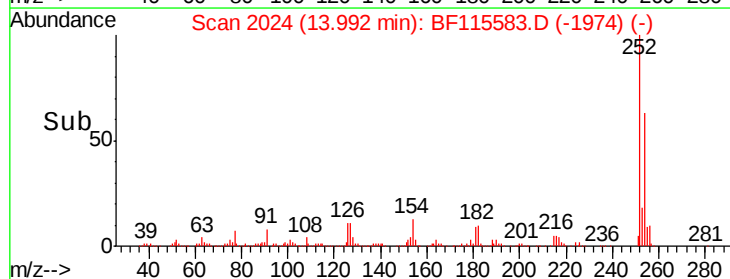
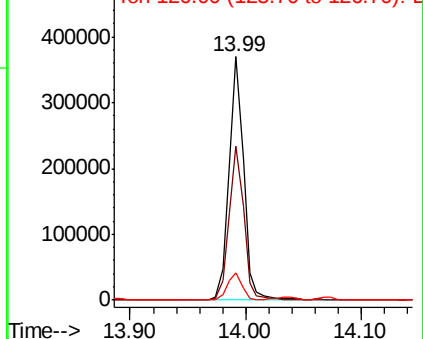


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.674 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

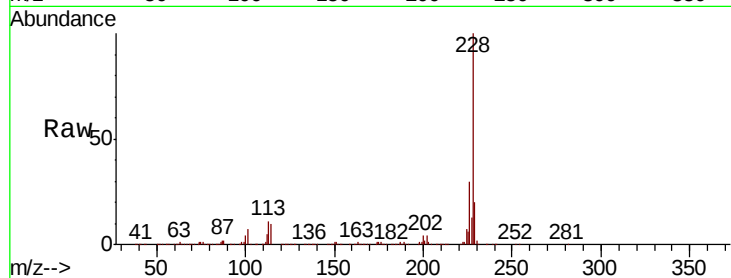
Tot Ion:228 Resp: 1272086

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	19.8	16.6	25.0

228 100

226 30.2 25.7 38.5

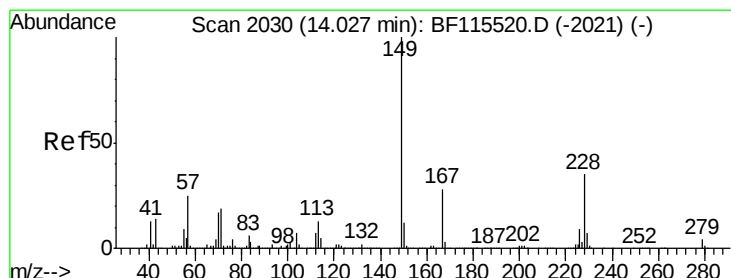
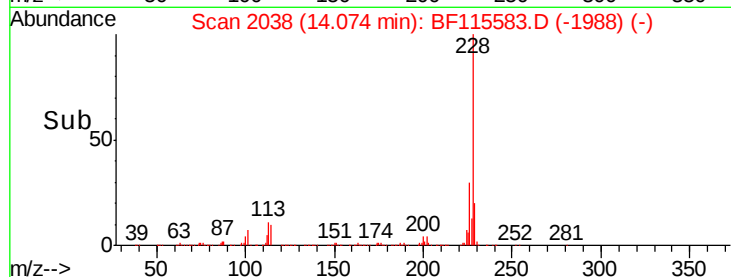
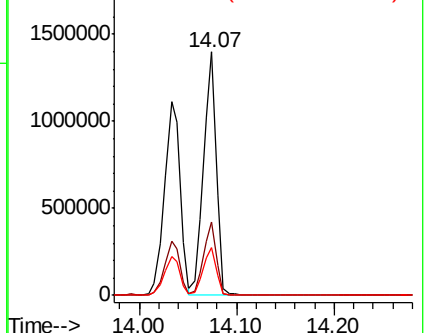
229 19.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.735 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

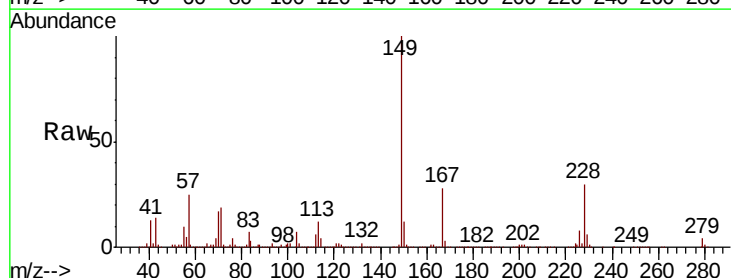
Tgt Ion:149 Resp: 919478

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	4.2	4.2	6.2

149 100

167 27.9 23.0 34.4

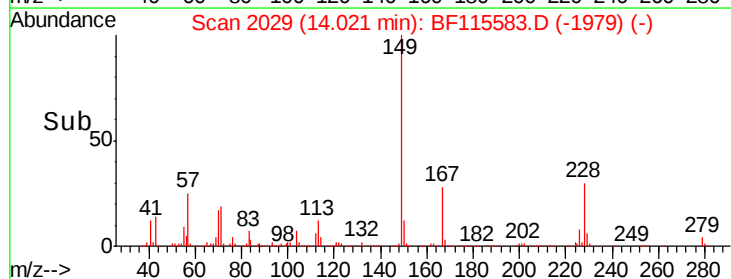
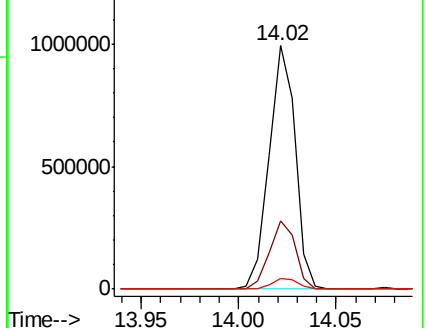
279 4.2 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.059 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

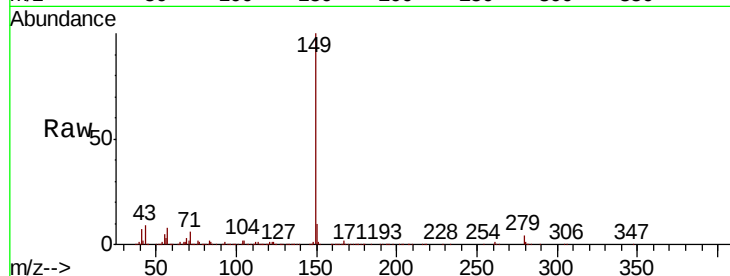
Tot Ion:149 Resp: 1442245

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

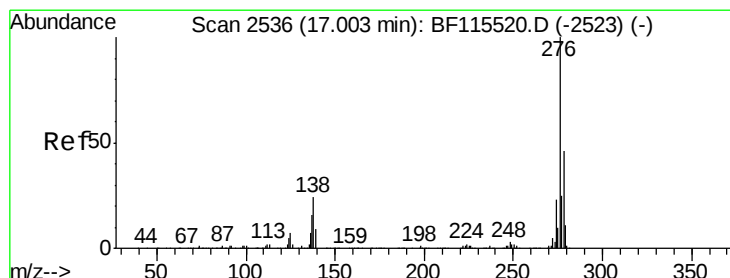
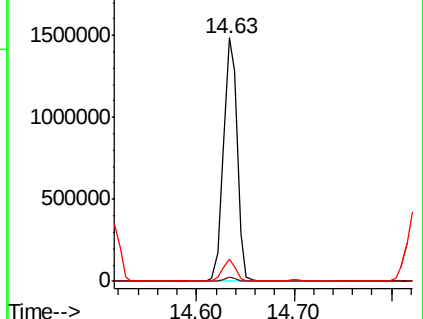
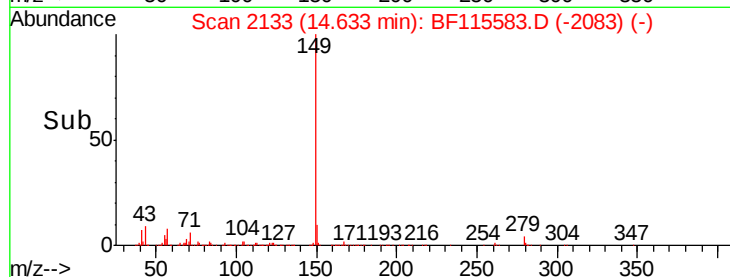
43 8.4 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.032 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

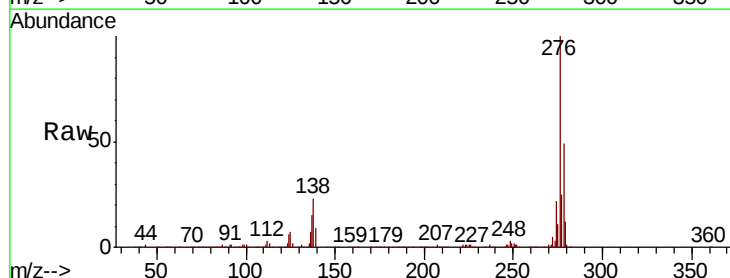
Tgt Ion:276 Resp: 1041005

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.2

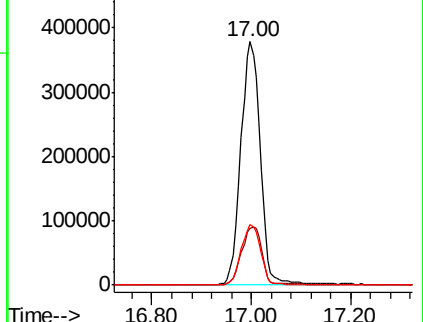
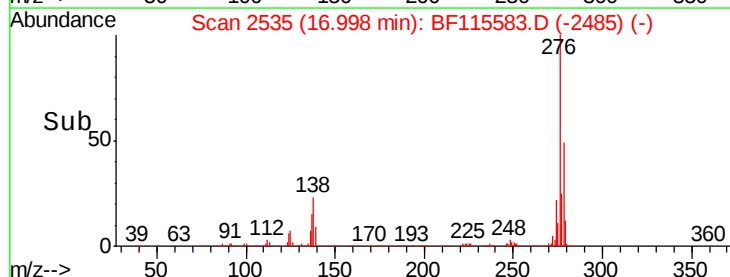
277 25.2 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

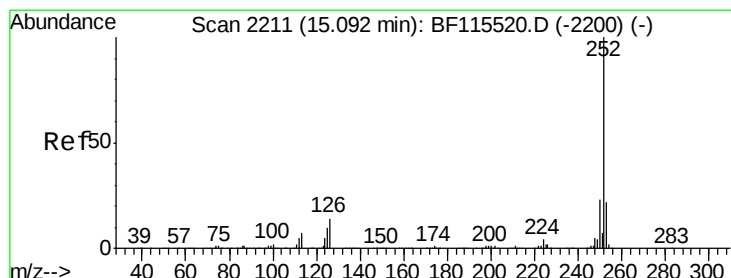
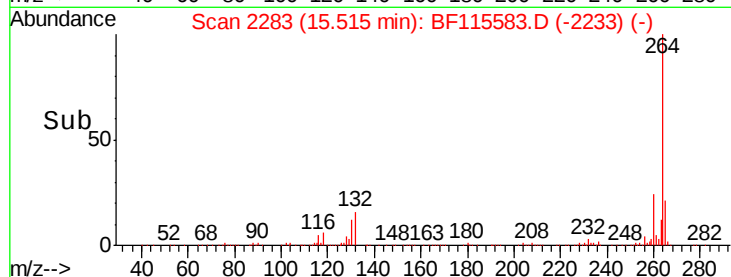
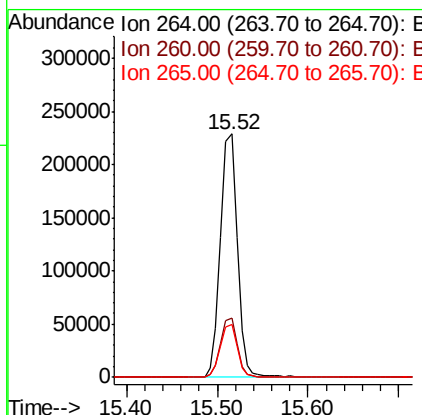
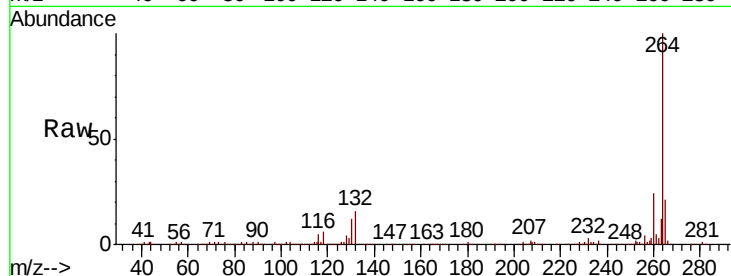




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

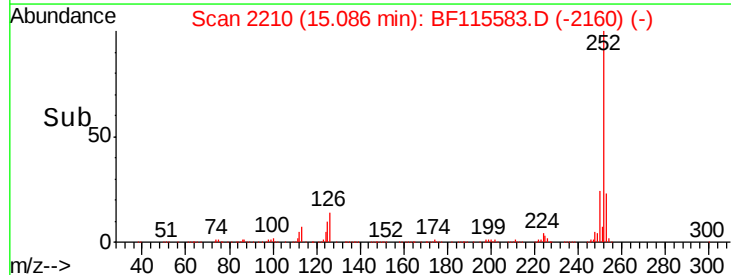
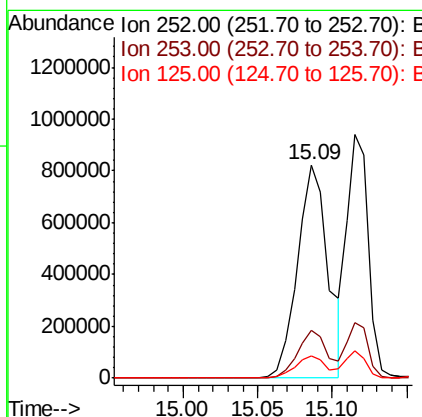
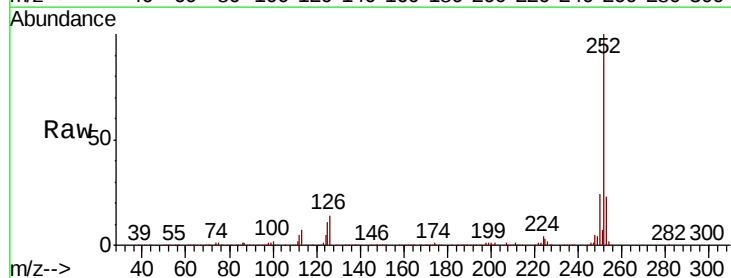
Instrument :
 BNA_F
 ClientSampleId :

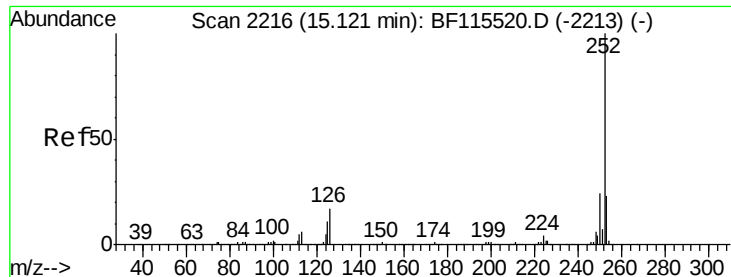
Tot Ion:264 Resp: 298677
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.8
 265 21.5 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 61.169 ng
 RT: 15.09 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BF115583.D
 Acq: 16 Jul 2019 8:12

Tgt Ion:252 Resp: 1176433
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.1 27.1
 125 10.5 9.0 13.4

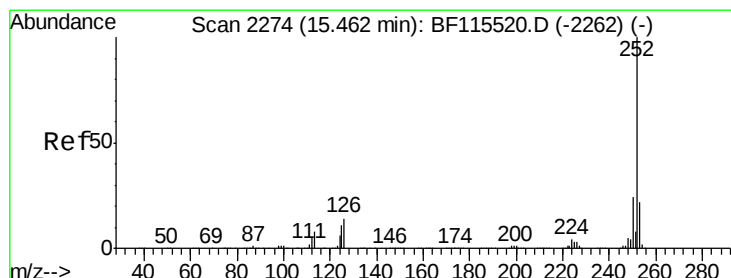
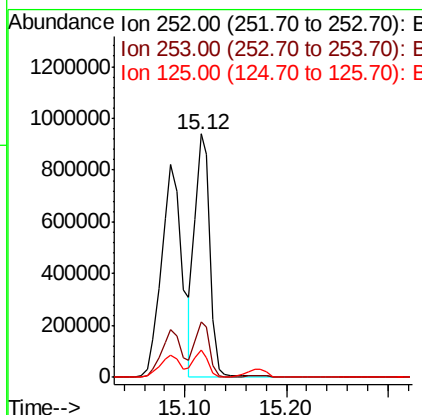
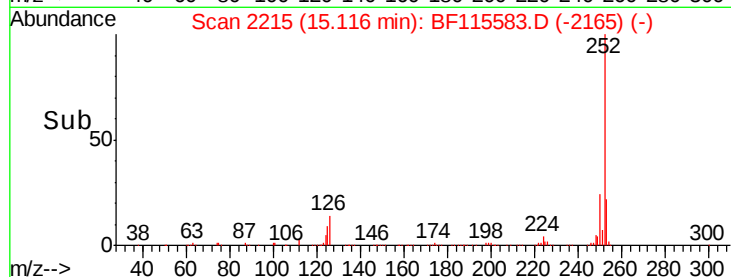
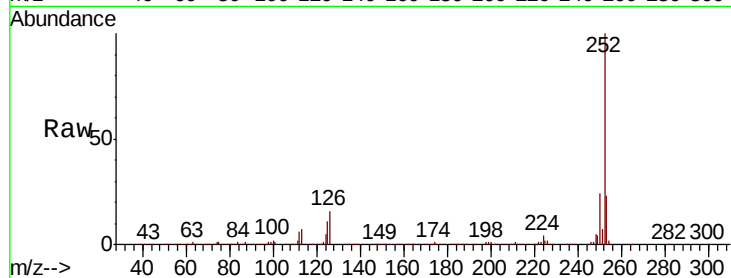




#89
Benzo(k)fluoranthene
Concen: 56.129 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

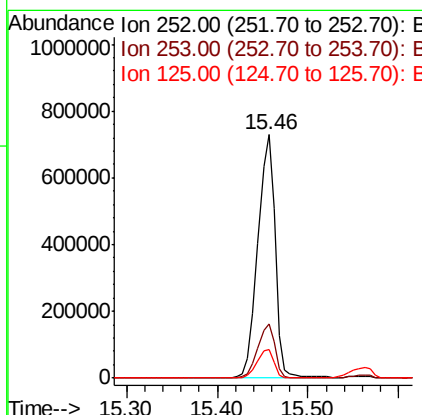
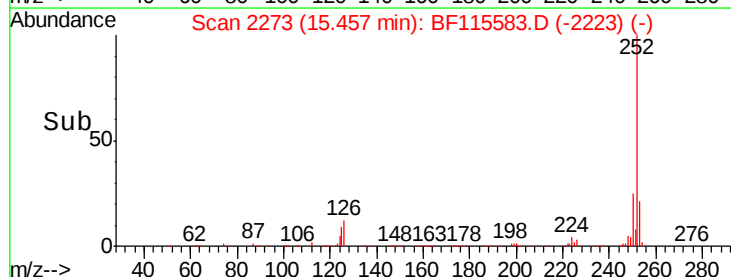
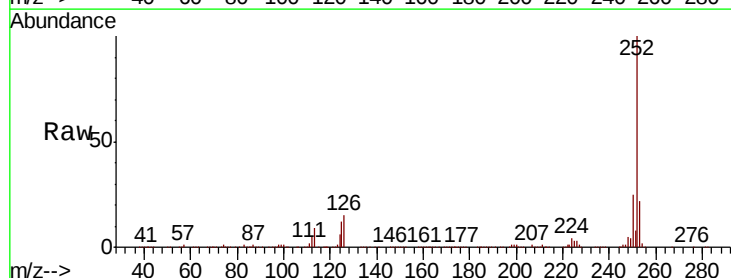
Instrument :
BNA_F
ClientSampleId :

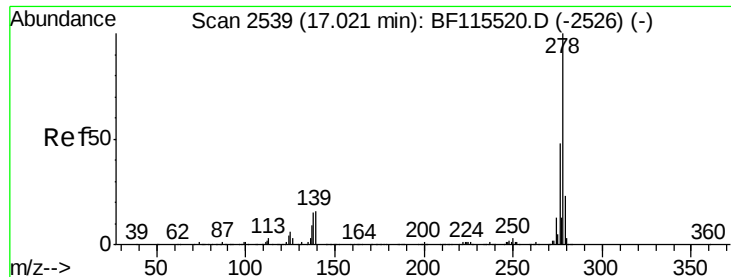
Tot Ion:252 Resp: 962433
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 11.4 9.0 13.6



#90
Benzo(a)pyrene
Concen: 58.451 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115583.D
Acq: 16 Jul 2019 8:12

Tgt Ion:252 Resp: 966194
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 60.298 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

Instrument :

BNA_F

ClientSampleId :

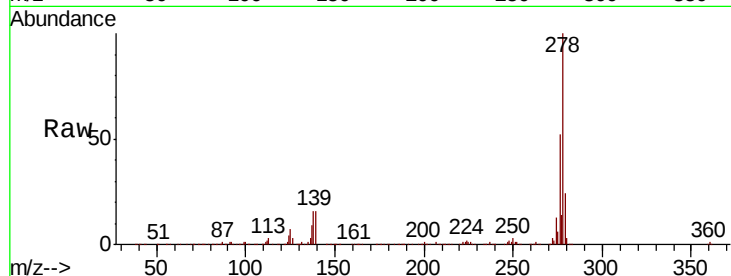
Tot Ion:278 Resp: 875036

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

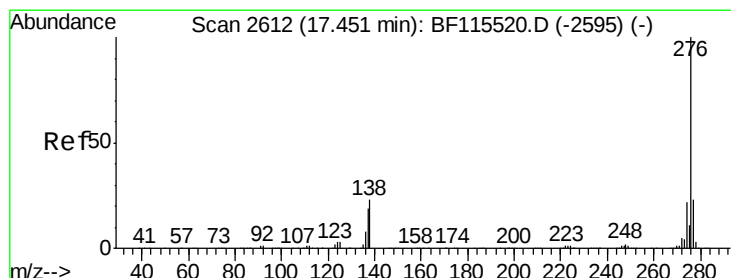
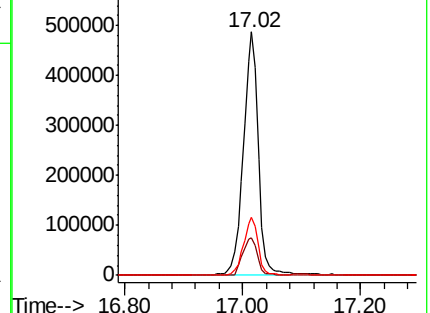
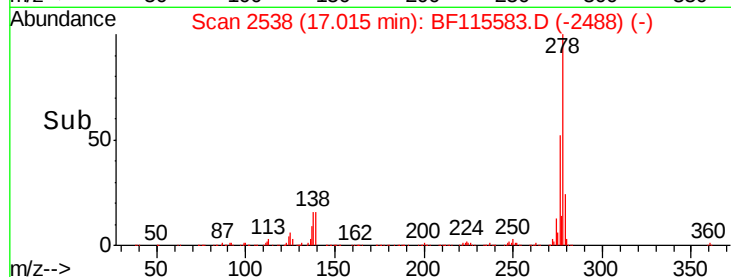
279 23.8 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.936 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF115583.D

Acq: 16 Jul 2019 8:12

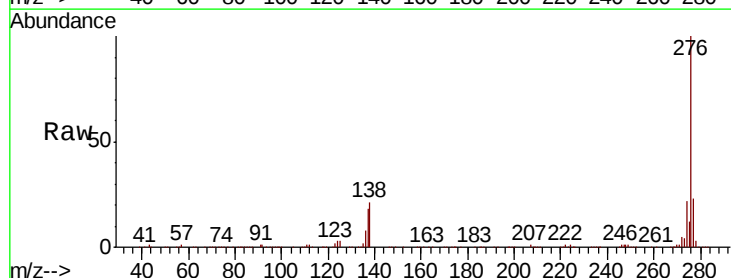
Tgt Ion:276 Resp: 881913

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 21.0 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

