

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115404.D
 Acq On : 8 Jul 2019 14:08
 Operator : HP/JU
 Sample : PB121094BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 14:46:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181641	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	724919	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	356642	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	670957	20.00	ng	0.00
76) Chrysene-d12	14.06	240	459608	20.00	ng	-0.01
87) Perylene-d12	15.56	264	415010	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1423609	121.09	ng	0.01
7) Phenol-d6	6.53	99	1806899	120.85	ng	0.00
23) Nitrobenzene-d5	7.46	82	1085194	88.45	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	508547	128.97	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1924126	94.67	ng	0.00
79) Terphenyl-d14	13.00	244	1986898	88.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	243813	42.280	ng	99
3) Pyridine	3.57	79	625391	39.221	ng	100
4) n-Nitrosodimethylamine	3.53	42	261482	40.439	ng	97
6) Aniline	6.56	93	662047	31.377	ng	99
8) 2-Chlorophenol	6.69	128	568025	42.789	ng	99
9) Benzaldehyde	6.45	77	323805	37.110	ng	97
10) Phenol	6.54	94	736011	41.142	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	555175	41.833	ng	98
12) 1,3-Dichlorobenzene	6.84	146	612196	42.093	ng	99
13) 1,4-Dichlorobenzene	6.92	146	618483	42.455	ng	98
14) 1,2-Dichlorobenzene	7.07	146	572000	42.409	ng	99
15) Benzyl Alcohol	7.03	79	508585	42.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	753671	40.615	ng	100
17) 2-Methylphenol	7.15	107	486852	42.809	ng	99
18) Hexachloroethane	7.42	117	227171	41.860	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	408274	40.361	ng	100
20) 3+4-Methylphenols	7.30	107	577605	42.996	ng	98
22) Acetophenone	7.30	105	792873	45.645	ng	# 97
24) Nitrobenzene	7.47	77	626819	45.236	ng	99
25) Isophorone	7.72	82	1140777	42.895	ng	99
26) 2-Nitrophenol	7.79	139	303320	53.245	ng	96
27) 2,4-Dimethylphenol	7.83	122	552190	50.833	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	700456	42.713	ng	98
29) 2,4-Dichlorophenol	8.03	162	492531	45.523	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	534923	44.411	ng	99
31) Naphthalene	8.20	128	1635449	45.421	ng	99
32) Benzoic acid	7.96	122	380772	48.102	ng	97
33) 4-Chloroaniline	8.24	127	374635	23.319	ng	99
34) Hexachlorobutadiene	8.32	225	299011	43.774	ng	99
35) Caprolactam	8.62	113	93657	26.578	ng	98
36) 4-Chloro-3-methylphenol	8.73	107	506374	44.247	ng	97
37) 2-Methylnaphthalene	8.89	142	1097712	45.610	ng	99
38) 1-Methylnaphthalene	8.99	142	1027990	44.767	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	482530	47.030	ng	99

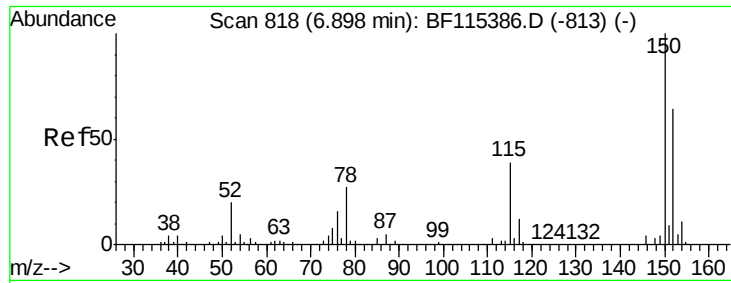
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115404.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	553663	93.105	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	355152	47.546	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	353832	45.683	ng	99
46) 1,1'-Biphenyl	9.36	154	1309812	46.717	ng	99
47) 2-Chloronaphthalene	9.38	162	1035112	44.670	ng	99
48) 2-Nitroaniline	9.47	65	319843	46.980	ng	95
49) Acenaphthylene	9.80	152	1573374	44.846	ng	99
50) Dimethylphthalate	9.66	163	1167297	43.607	ng	100
51) 2,6-Dinitrotoluene	9.71	165	271971	46.847	ng	99
52) Acenaphthene	9.97	154	1091742	49.444	ng	99
53) 3-Nitroaniline	9.87	138	199446	29.579	ng	97
54) 2,4-Dinitrophenol	9.99	184	259851	100.881	ng	94
55) Dibenzofuran	10.14	168	1405261	45.180	ng	99
56) 4-Nitrophenol	10.04	139	470455	90.181	ng	99
57) 2,4-Dinitrotoluene	10.12	165	360541	48.867	ng	91
58) Fluorene	10.49	166	1044320	42.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	309505	46.257	ng	100
60) Diethylphthalate	10.36	149	1134373	43.053	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	525098	43.878	ng	97
62) 4-Nitroaniline	10.50	138	286865	43.343	ng	97
63) Azobenzene	10.63	77	1176997	43.336	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	171337	52.465	ng	85
66) n-Nitrosodiphenylamine	10.59	169	966511	45.718	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	336552	44.703	ng	94
68) Hexachlorobenzene	11.03	284	374738	44.358	ng	96
69) Atrazine	11.12	200	315164	48.171	ng	98
70) Pentachlorophenol	11.22	266	454195	88.219	ng	100
71) Phenanthrene	11.44	178	1589902	45.056	ng	100
72) Anthracene	11.50	178	1625173	45.928	ng	99
73) Carbazole	11.64	167	1432703	44.258	ng	100
74) Di-n-butylphthalate	11.98	149	1708327	43.665	ng	99
75) Fluoranthene	12.63	202	1659339	44.661	ng	97
77) Benzidine	12.74	184	779695	43.503	ng	99
78) Pyrene	12.86	202	1668835	46.692	ng	98
80) Butylbenzylphthalate	13.47	149	731192	46.823	ng	100
81) Benzo(a)anthracene	14.05	228	1316034	44.689	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	372501	34.860	ng	97
83) Chrysene	14.09	228	1349709	44.607	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	903636	46.726	ng	99
85) Di-n-octyl phthalate	14.68	149	1569555	45.590	ng	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	1129833	45.680	ng	100
88) Benzo(b)fluoranthene	15.13	252	1215783	44.994	ng	99
89) Benzo(k)fluoranthene	15.16	252	1126676	46.885	ng	99
90) Benzo(a)pyrene	15.50	252	1084759	46.545	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	949248	47.664	ng	98
92) Benzo(g,h,i)perylene	17.50	276	936511	49.682	ng	99

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

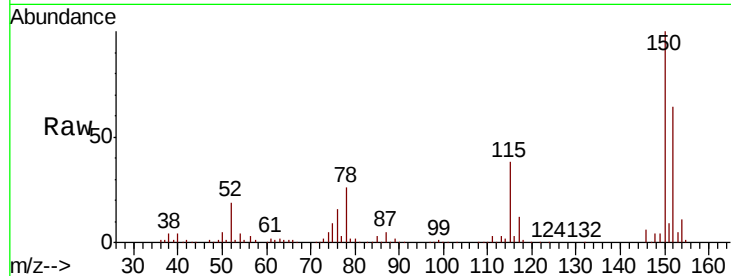


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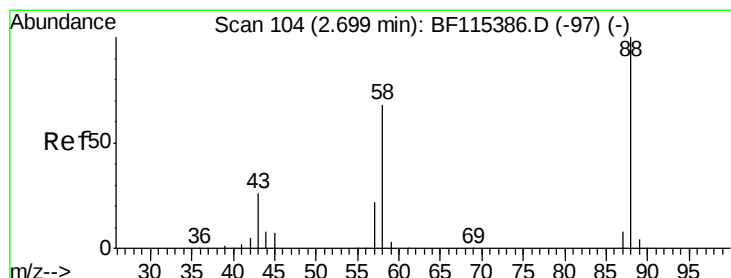
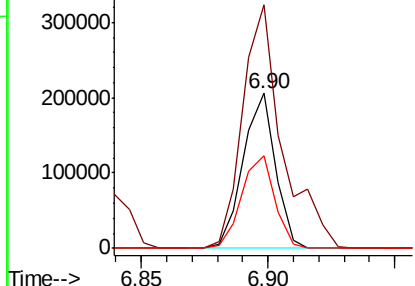
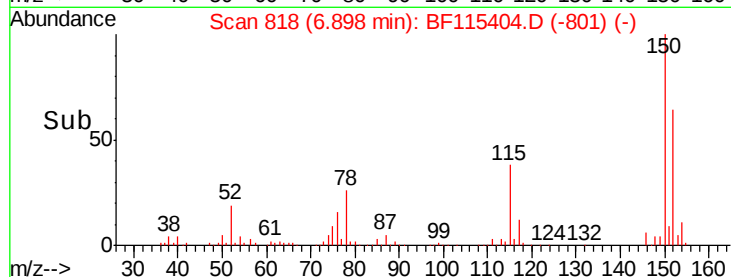
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 181641
Ion Ratio Lower Upper
152 100
150 157.3 125.1 187.7
115 59.7 50.2 75.2



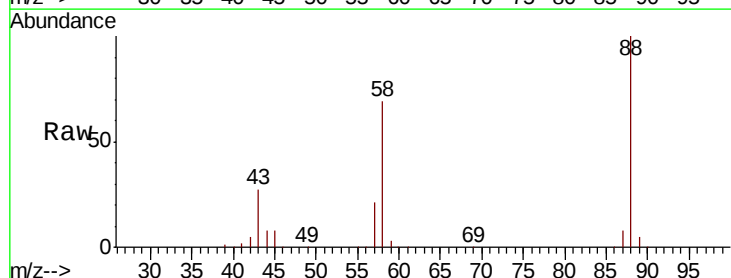
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



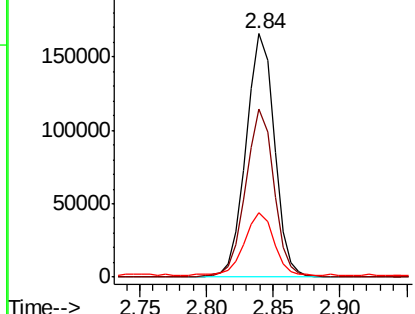
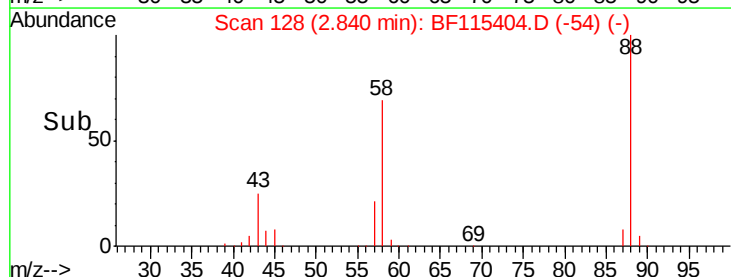
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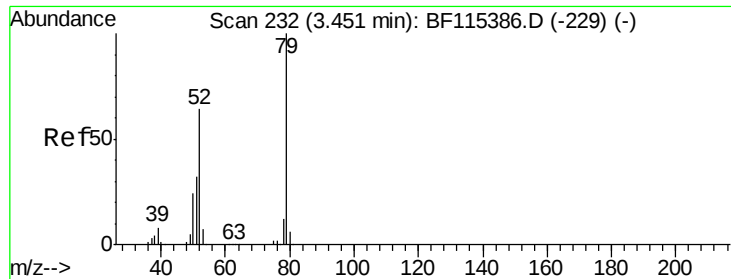
1,4-Dioxane
Concen: 42.280 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.14 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion: 88 Resp: 243813
Ion Ratio Lower Upper
88 100
58 68.4 54.4 81.6
43 26.3 20.7 31.1



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: 39.221 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.11 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

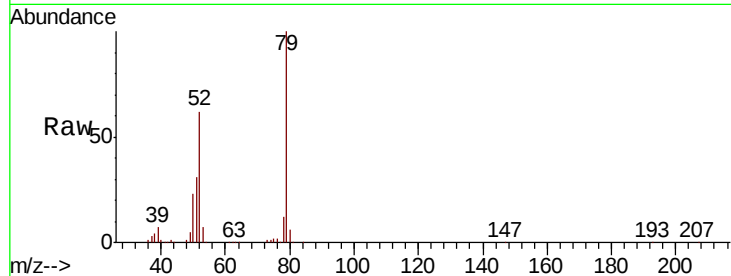
Tot Ion: 79 Resp: 625391

Ion Ratio Lower Upper

79 100

52 62.1 49.9 74.9

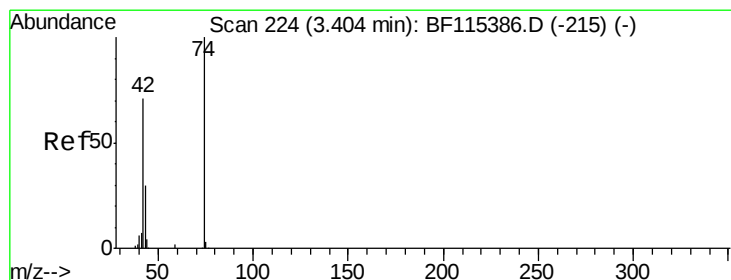
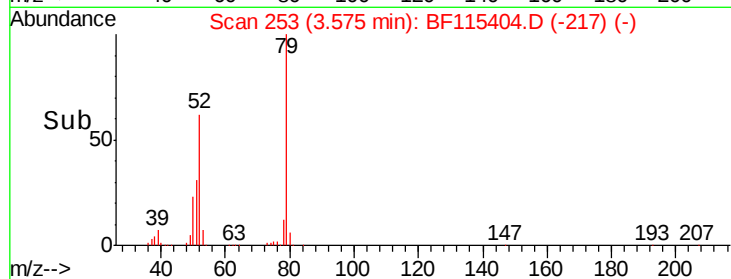
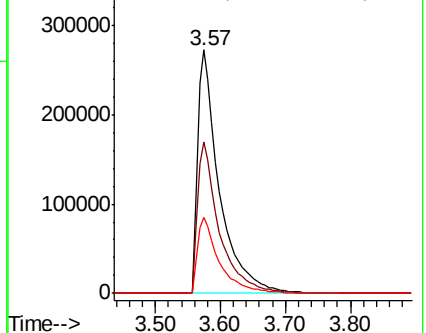
51 31.0 25.0 37.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.439 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.11 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

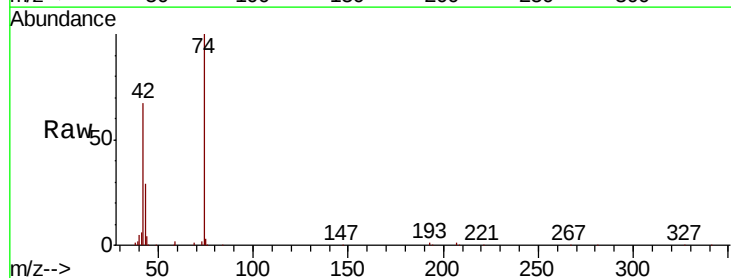
Tgt Ion: 42 Resp: 261482

Ion Ratio Lower Upper

42 100

74 149.8 116.6 174.8

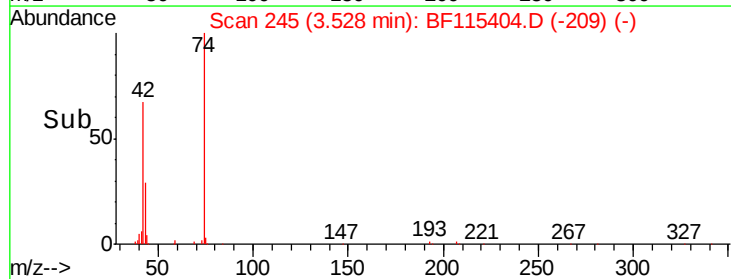
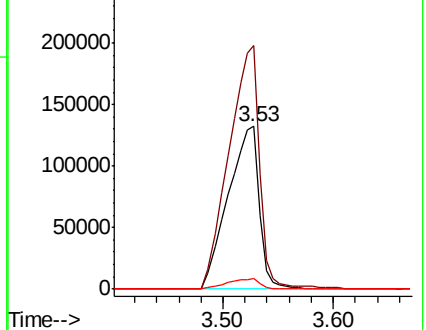
44 6.5 5.2 7.8

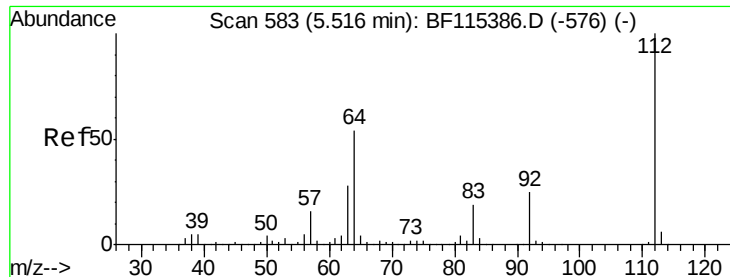


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.092 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

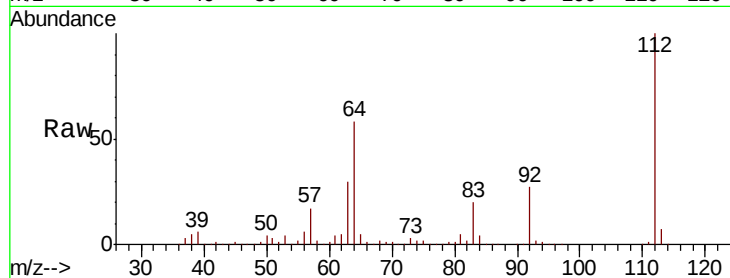
Tot Ion:112 Resp: 1423609

Ion Ratio Lower Upper

112 100

64 58.3 43.4 65.2

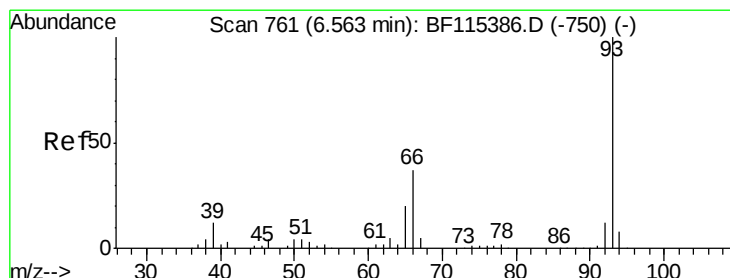
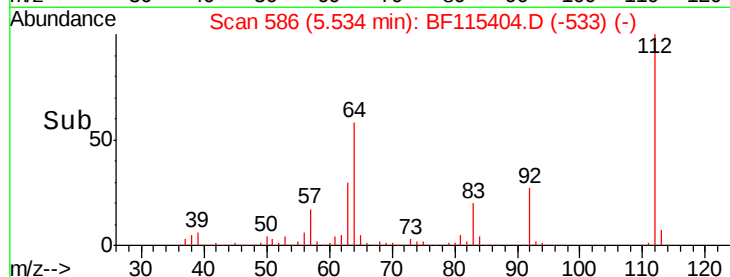
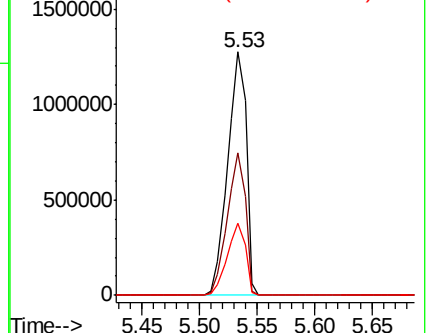
63 29.8 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.377 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

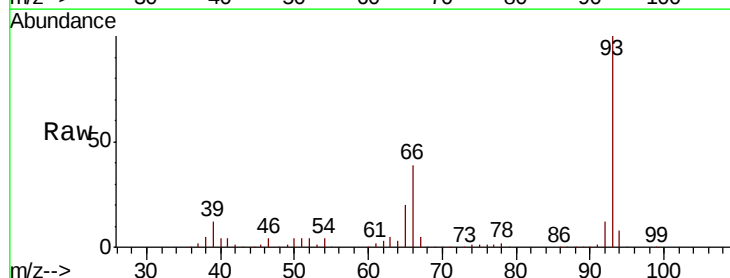
Tgt Ion: 93 Resp: 662047

Ion Ratio Lower Upper

93 100

66 39.0 31.4 47.2

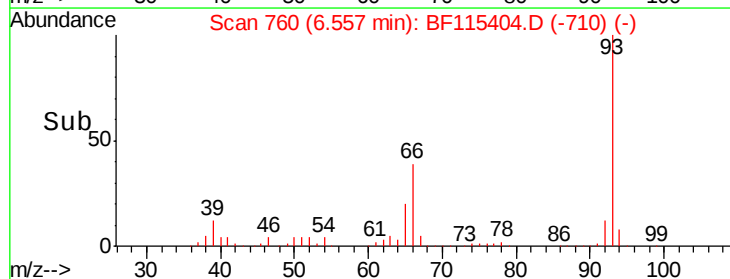
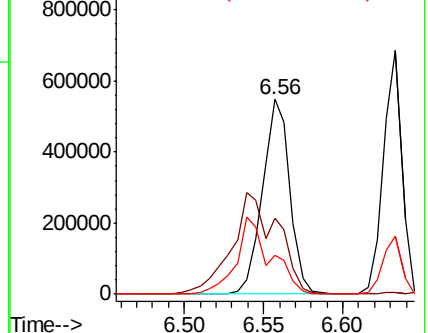
65 20.0 16.2 24.2

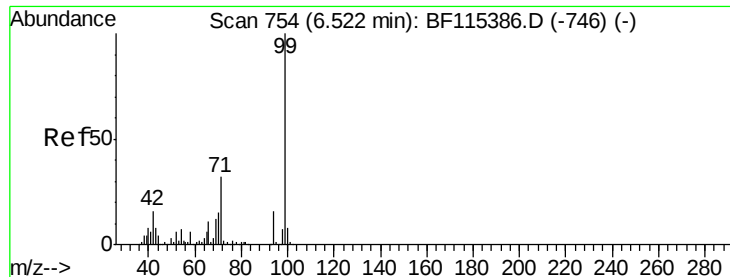


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.848 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

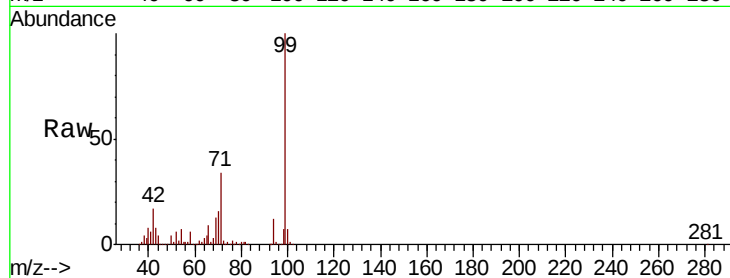
Tot Ion: 99 Resp: 1806899

Ion Ratio Lower Upper

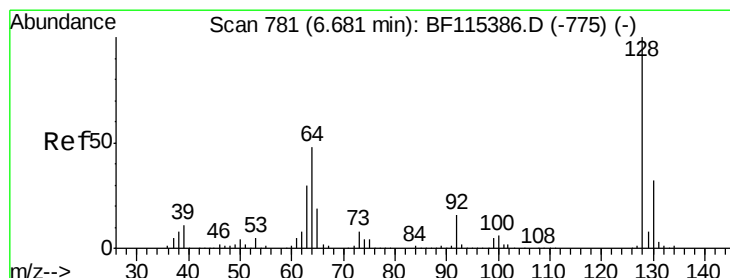
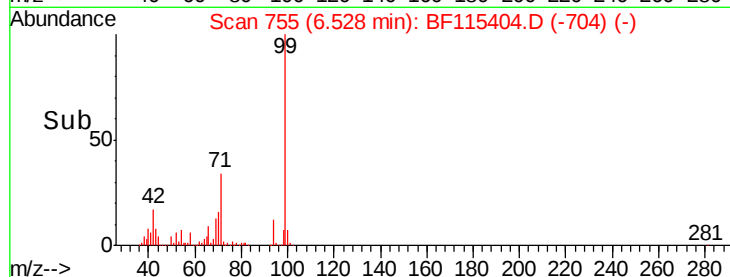
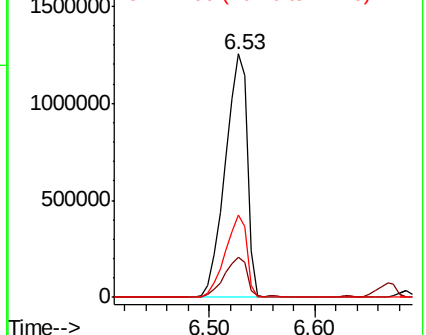
99 100

42 16.6 13.4 20.0

71 33.6 26.5 39.7



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: 42.789 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

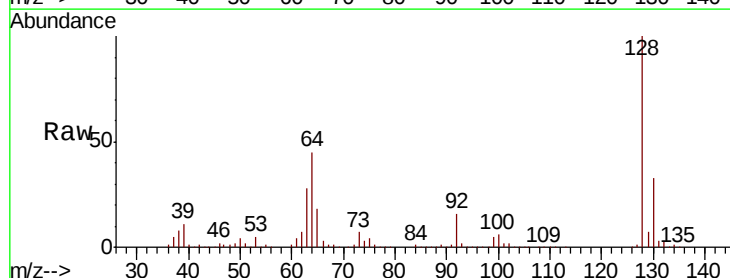
Tgt Ion:128 Resp: 568025

Ion Ratio Lower Upper

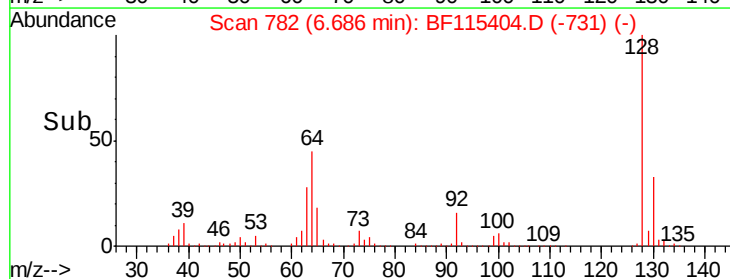
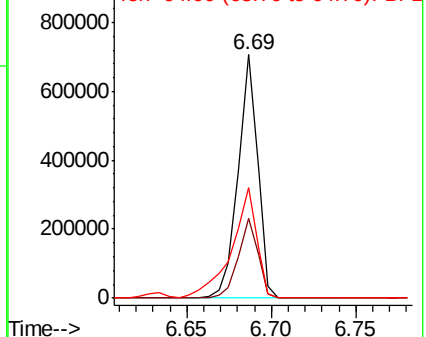
128 100

130 33.0 12.6 52.6

64 45.5 26.6 66.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

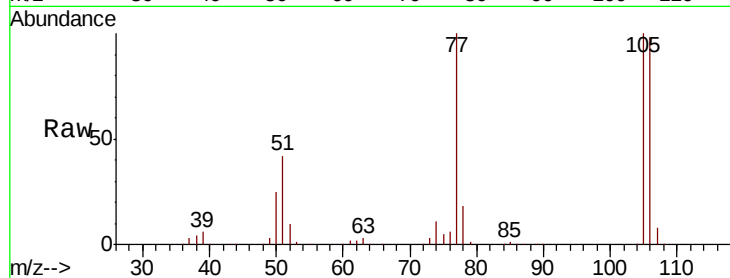




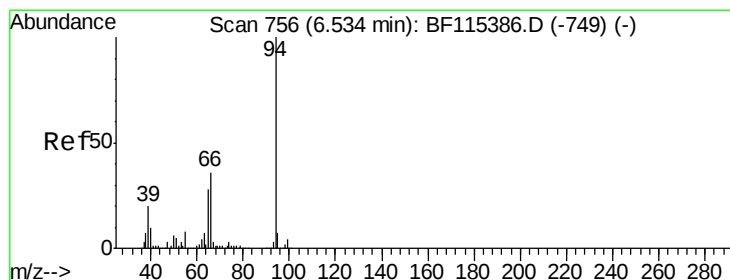
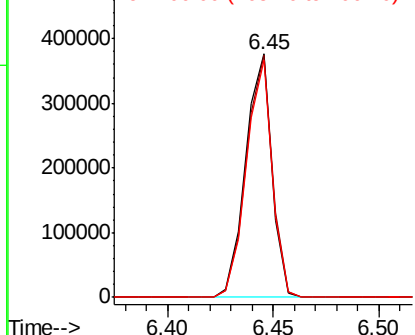
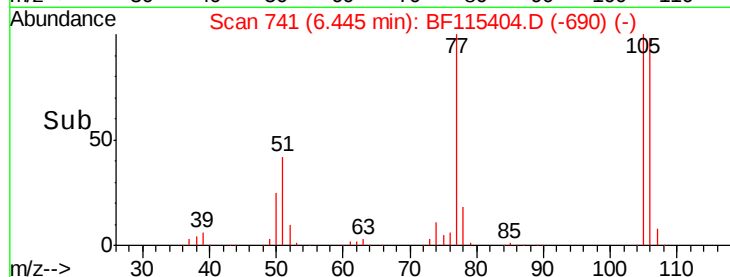
#9
Benzaldehyde
Concen: 37.110 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 77 Resp: 323805
Ion Ratio Lower Upper
77 100
105 99.8 77.6 117.6
106 97.5 73.3 113.3

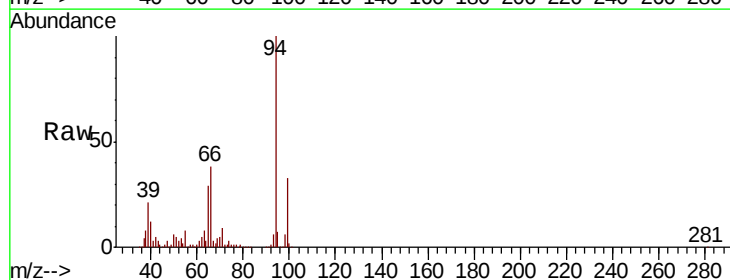


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

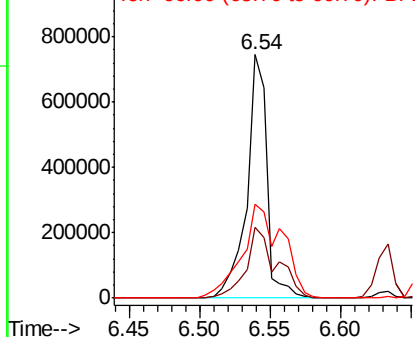
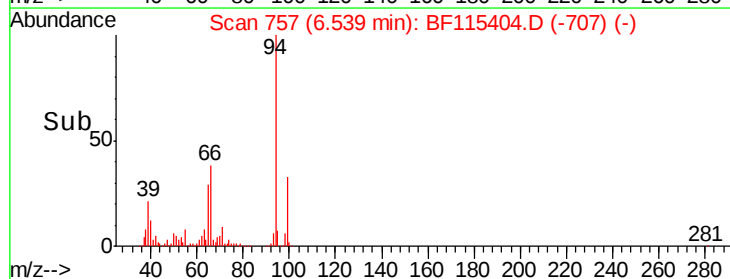


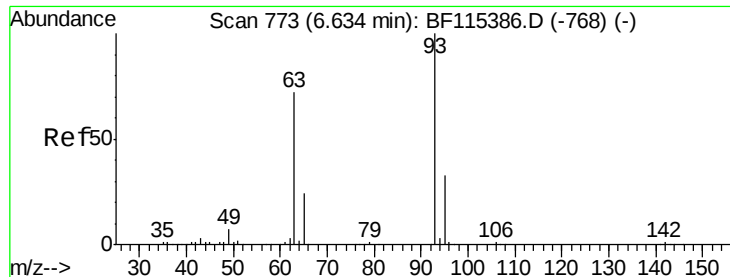
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Phenol
Concen: 41.142 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion: 94 Resp: 736011
Ion Ratio Lower Upper
94 100
65 29.3 9.4 49.4
66 38.4 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

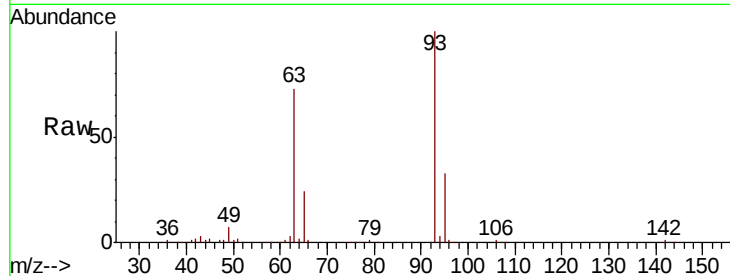




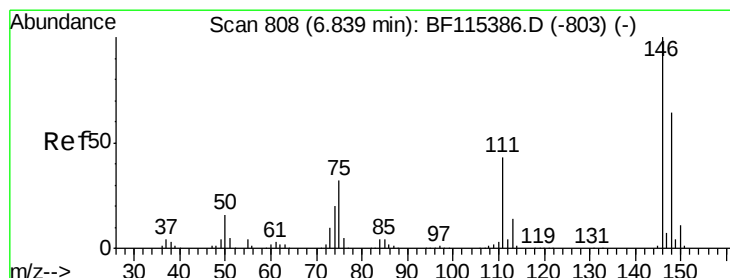
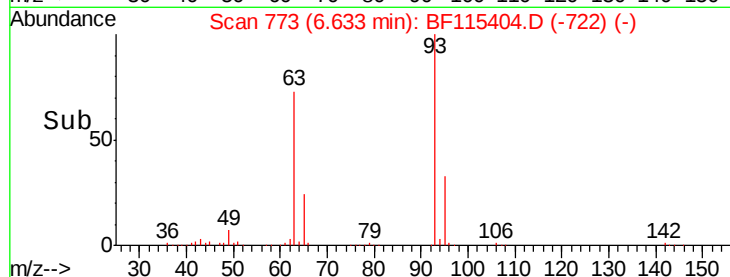
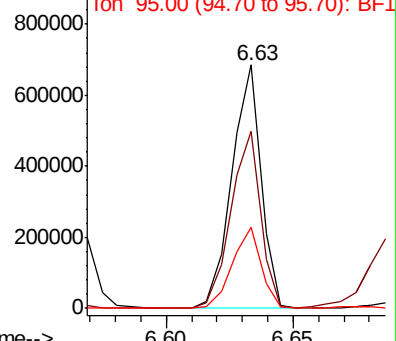
#11
bis(2-Chloroethyl)ether
Concen: 41.833 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 555175
Ion Ratio Lower Upper
93 100
63 73.0 54.8 94.8
95 33.3 13.0 53.0

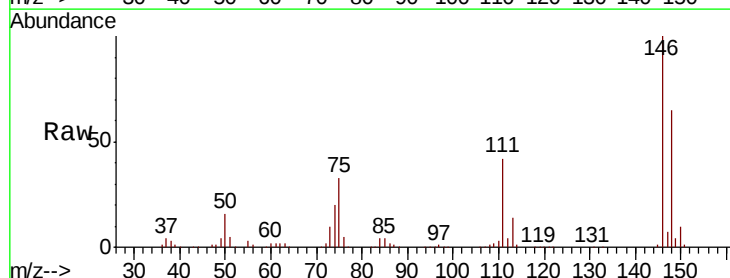


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

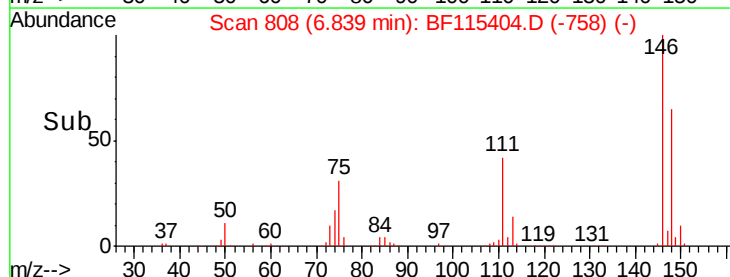
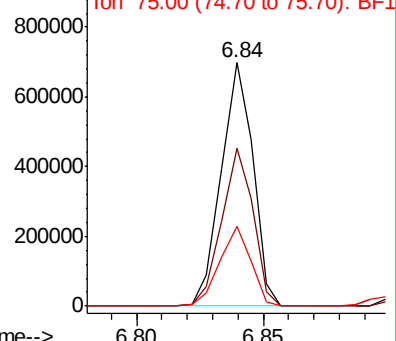


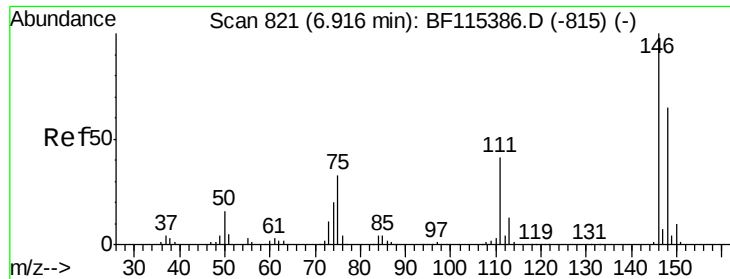
#12
1,3-Dichlorobenzene
Concen: 42.093 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion: 146 Resp: 612196
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
75 32.6 24.6 36.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

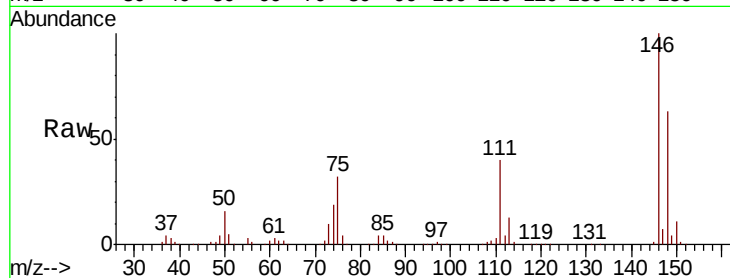




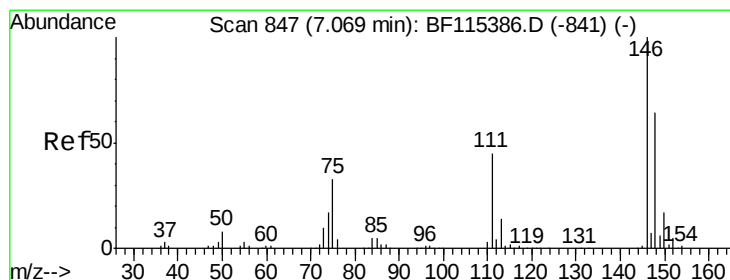
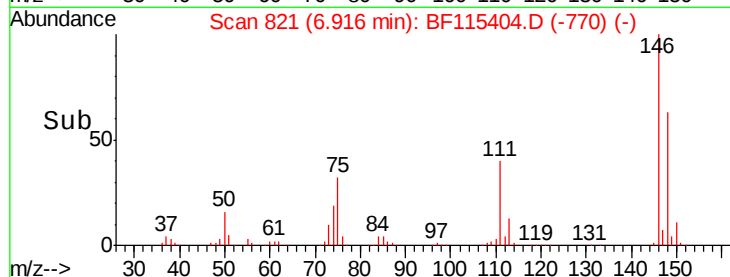
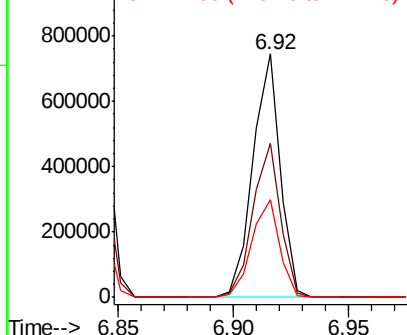
#13
 1,4-Dichlorobenzene
 Concen: 42.455 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 618483
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 40.3 34.0 51.0

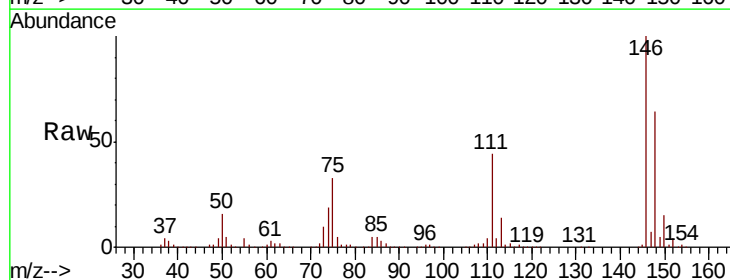


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

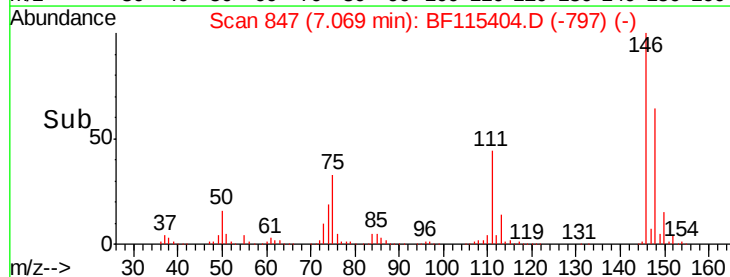
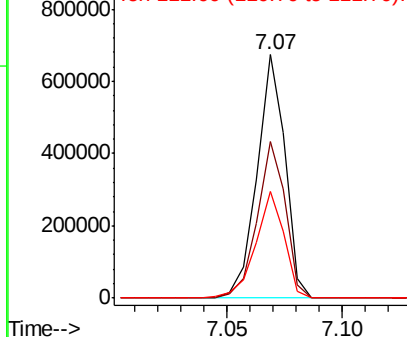


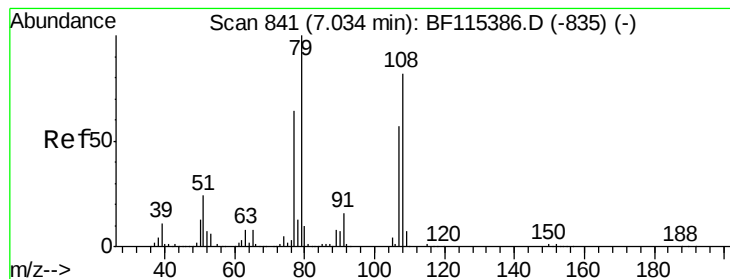
#14
 1,2-Dichlorobenzene
 Concen: 42.409 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion:146 Resp: 572000
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.7 77.5
 111 43.9 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 42.389 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

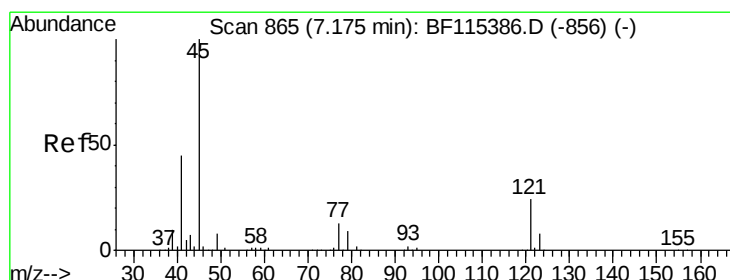
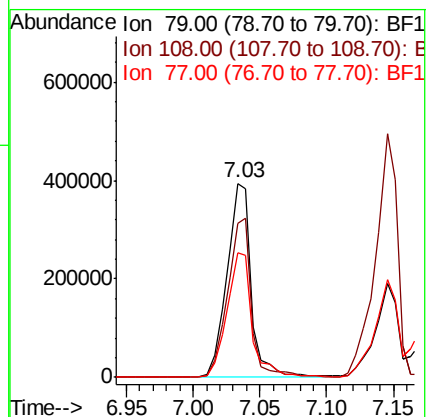
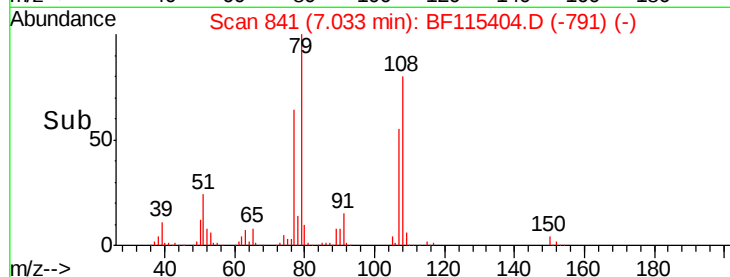
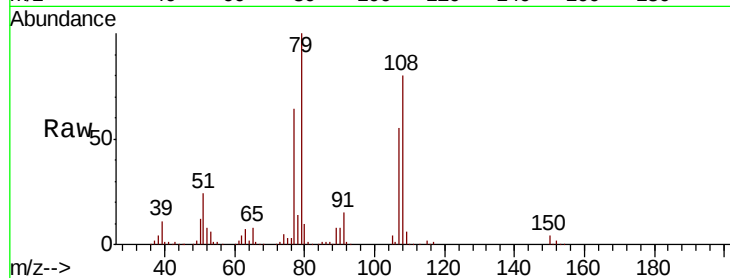
Tot Ion: 79 Resp: 508585

Ion Ratio Lower Upper

79 100

108 79.7 65.9 98.9

77 63.9 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.615 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

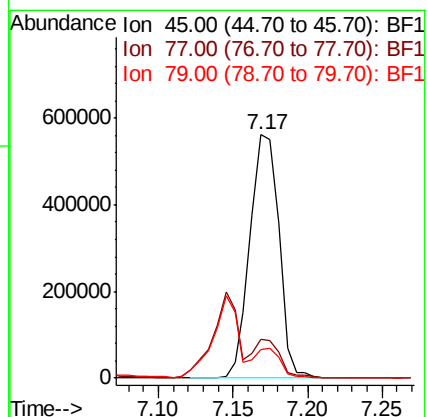
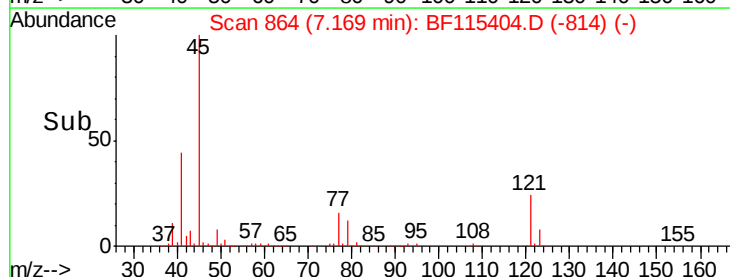
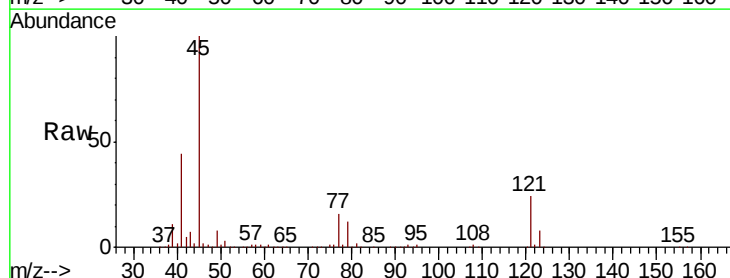
Tgt Ion: 45 Resp: 753671

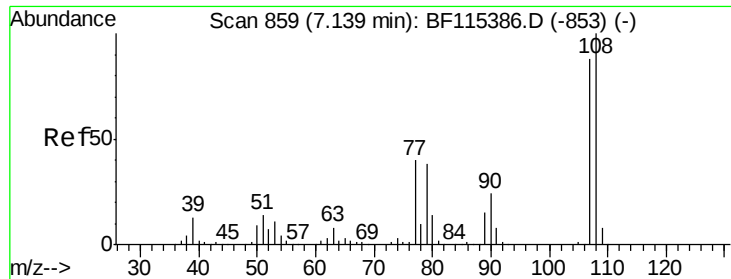
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.8

79 11.8 0.0 32.1

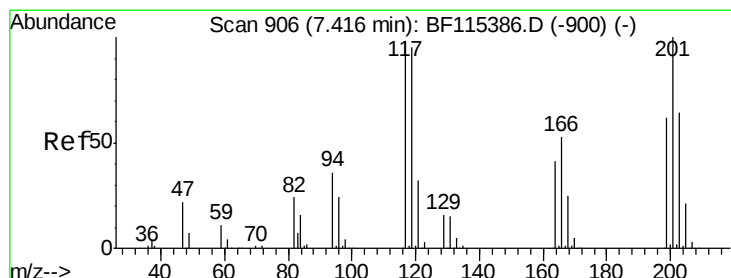
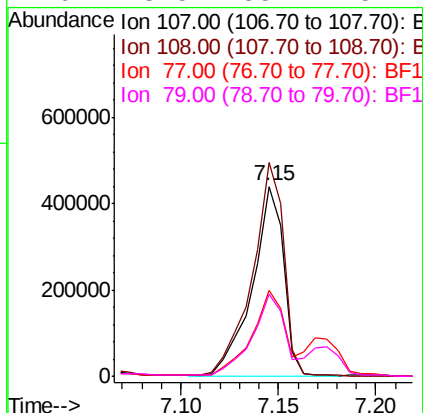
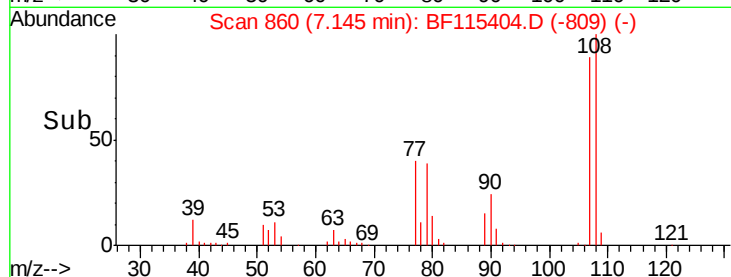
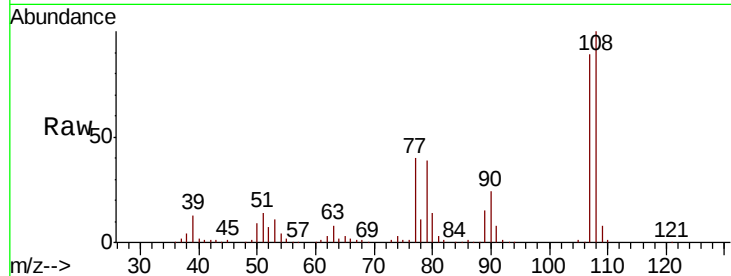




#17
2-Methylphenol
Concen: 42.809 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

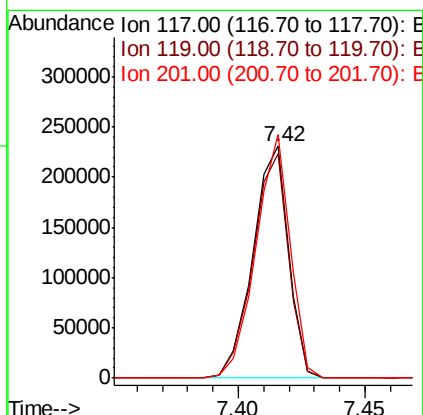
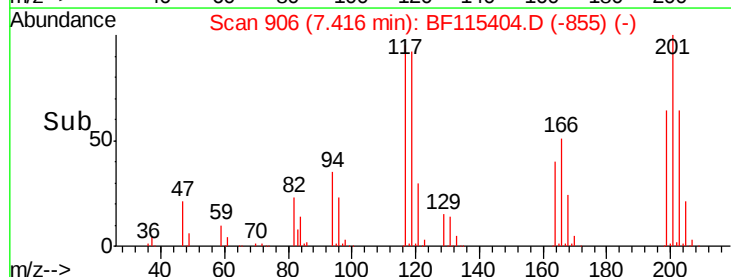
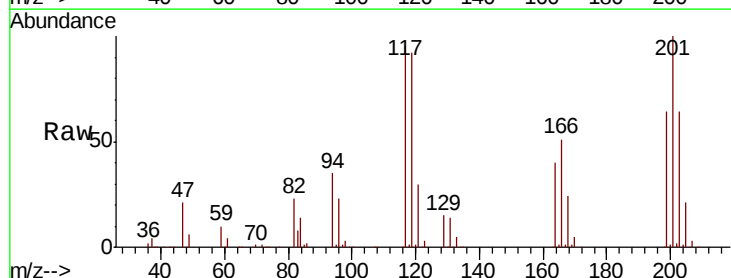
Instrument :
BNA_F
ClientSampleId :

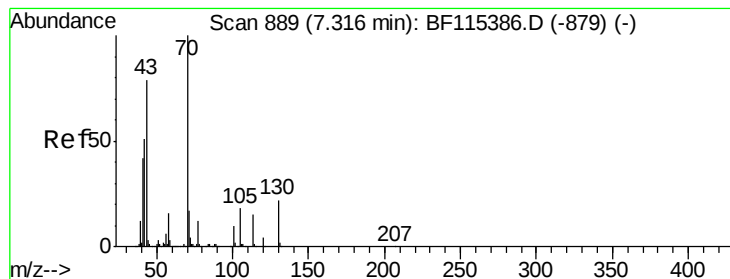
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.2	136.8
77	45.2	36.6	54.8
79	43.5	35.1	52.7



#18
Hexachloroethane
Concen: 41.860 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.3	114.5
201	105.0	78.5	117.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.361 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 408274

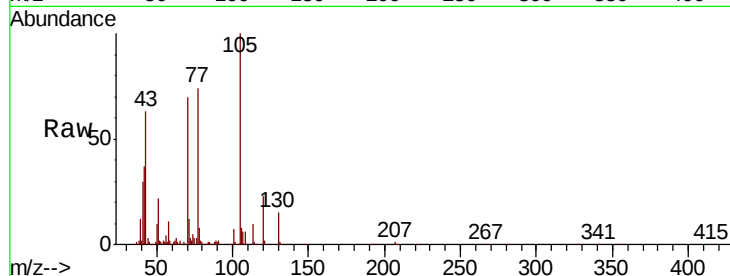
Ion Ratio Lower Upper

70 100

42 53.3 42.3 63.5

101 9.7 7.6 11.4

130 21.2 17.0 25.4

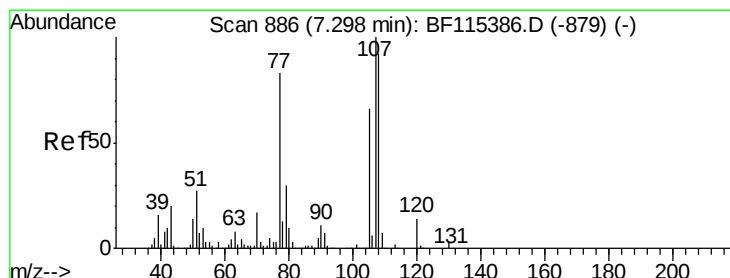
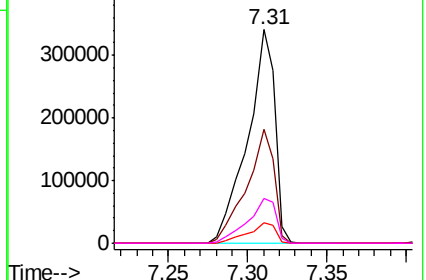
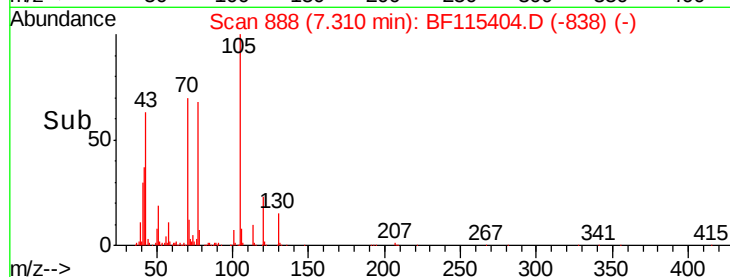


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 42.996 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion:107 Resp: 577605

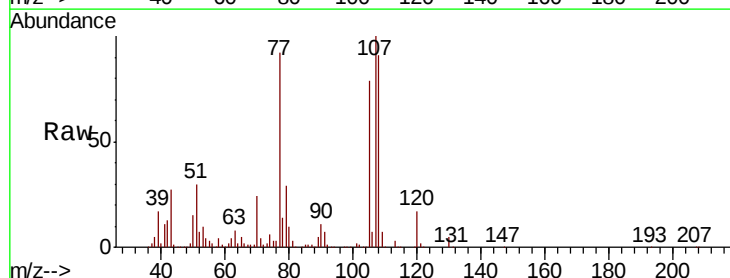
Ion Ratio Lower Upper

107 100

108 91.3 72.3 112.3

77 91.6 73.4 113.4

79 29.0 10.2 50.2

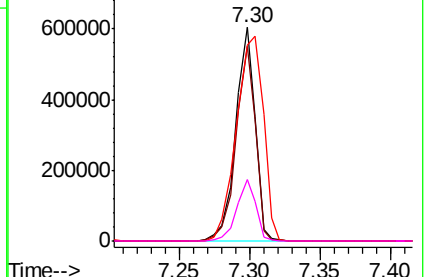
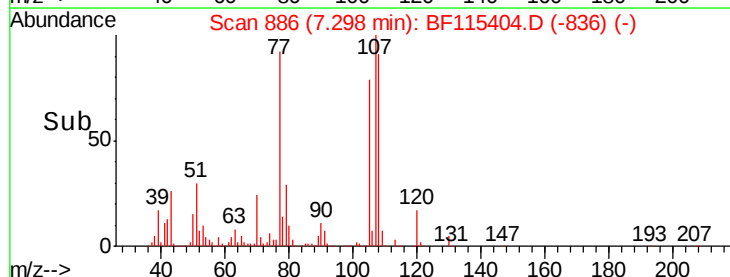


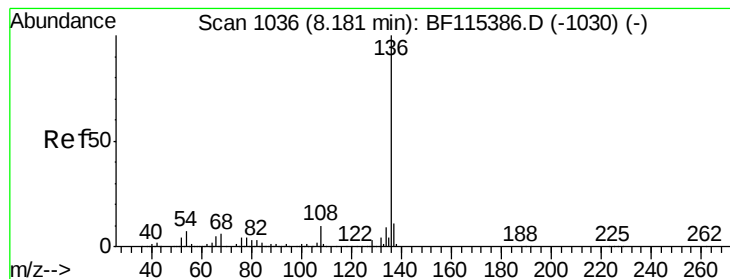
Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 724919

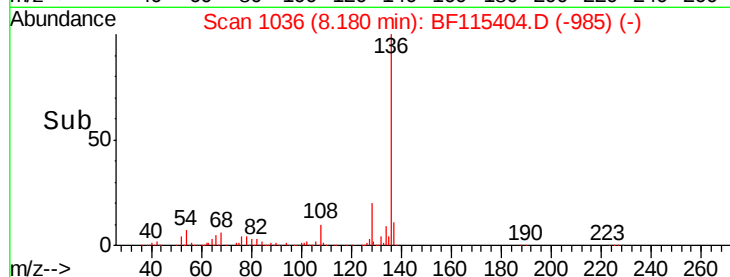
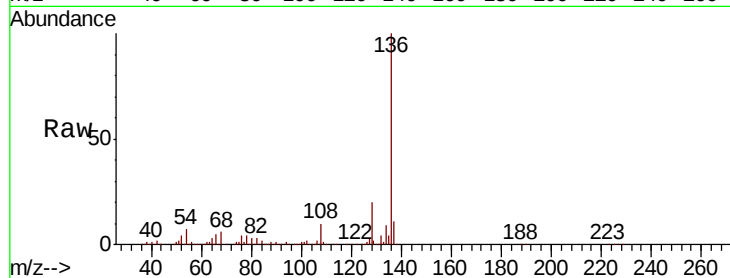
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.8 6.1 9.1

68 5.8 5.4 8.0

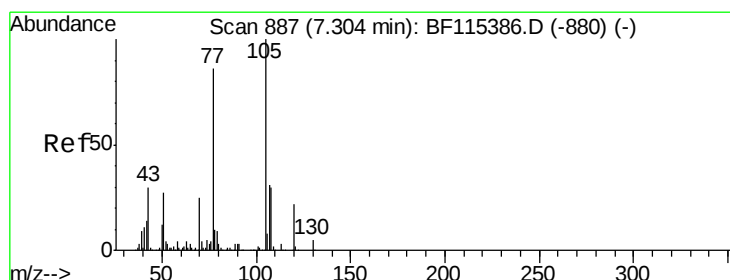
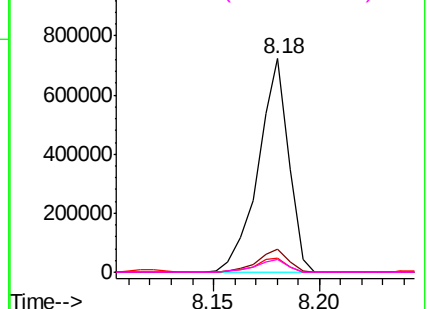


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.645 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion:105 Resp: 792873

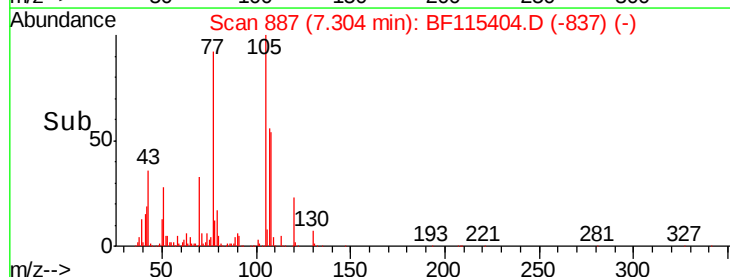
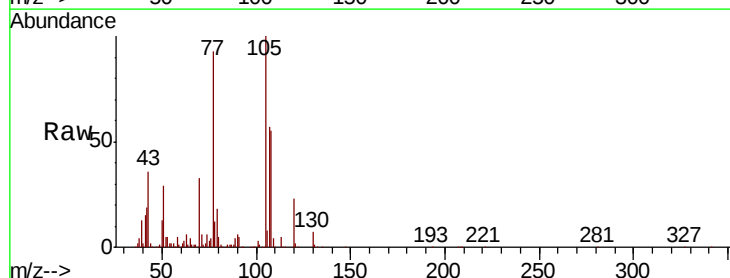
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.8#

51 28.5 20.9 31.3

120 22.8 17.8 26.8

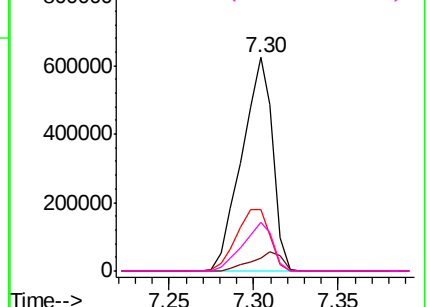


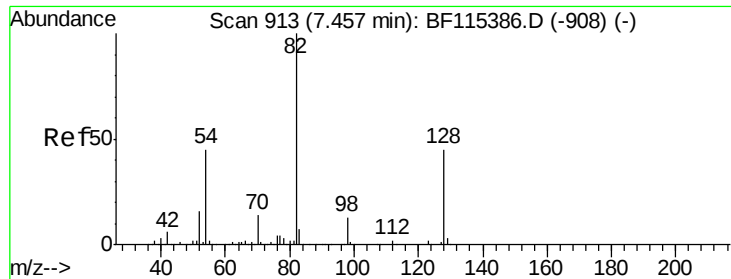
Abundance Ion 105.00 (104.70 to 105.70): E

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

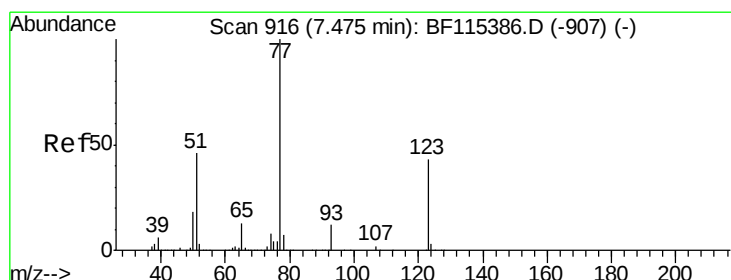
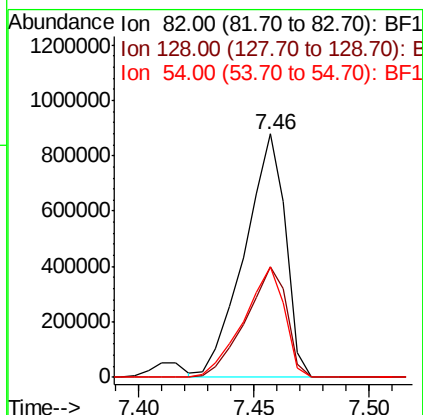
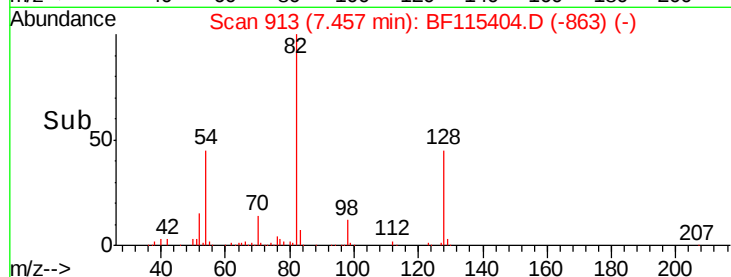
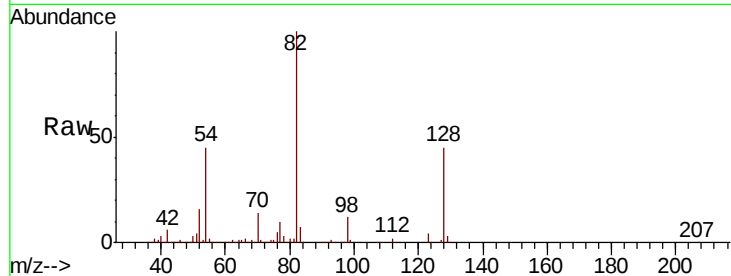




#23
 Nitrobenzene-d5
 Concen: 88.447 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

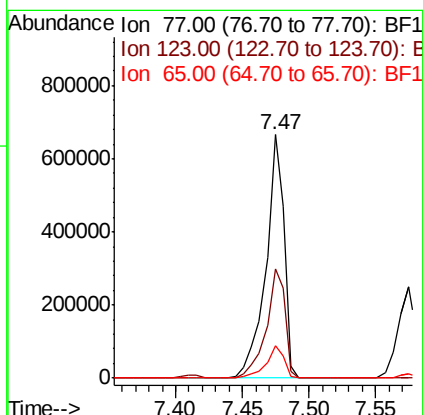
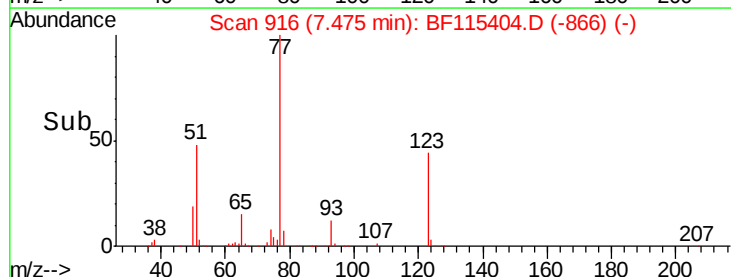
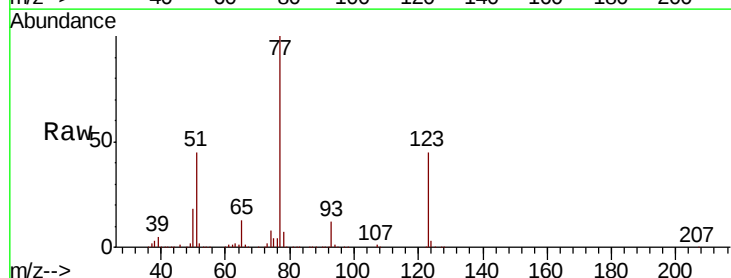
Instrument :
 BNA_F
 ClientSampled :

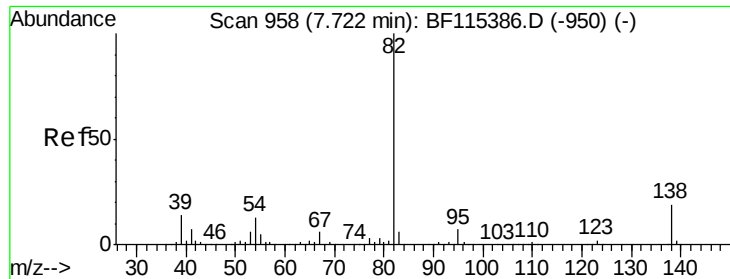
Tot Ion: 82 Resp: 1085194
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.2 54.4
 54 45.2 35.8 53.6



#24
 Nitrobenzene
 Concen: 45.236 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion: 77 Resp: 626819
 Ion Ratio Lower Upper
 77 100
 123 45.0 36.7 55.1
 65 13.4 10.8 16.2





#25

Isophorone

Concen: 42.895 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

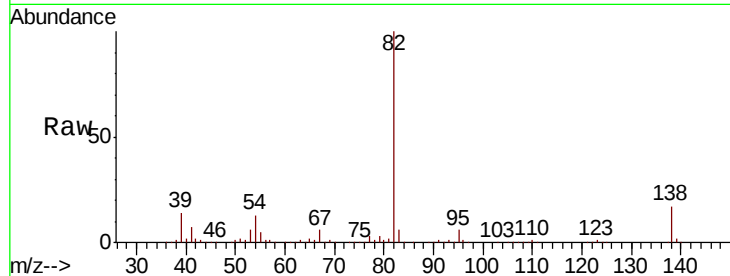
Tot Ion: 82 Resp: 1140777

Ion Ratio Lower Upper

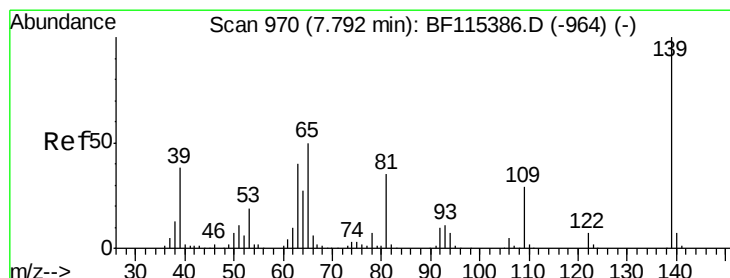
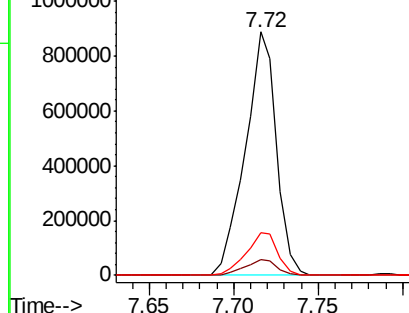
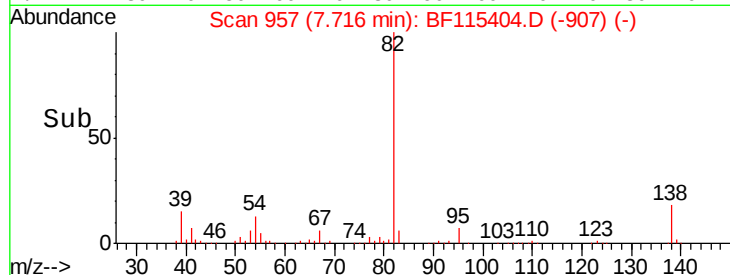
82 100

95 6.5 5.4 8.0

138 17.4 14.3 21.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.245 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

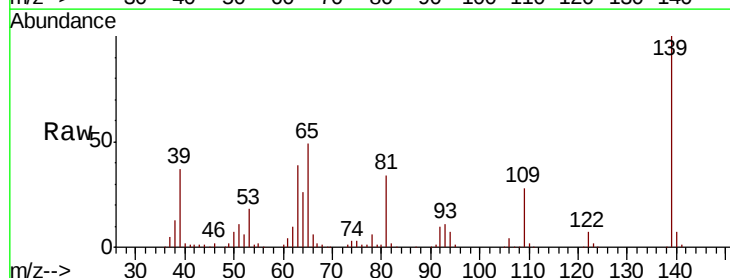
Tgt Ion: 139 Resp: 303320

Ion Ratio Lower Upper

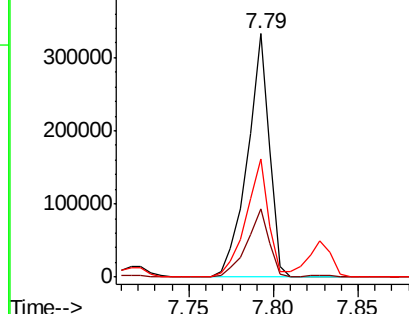
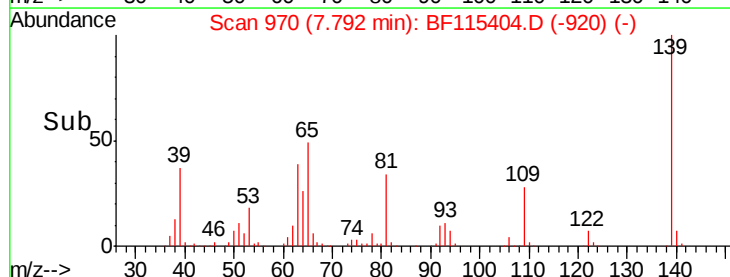
139 100

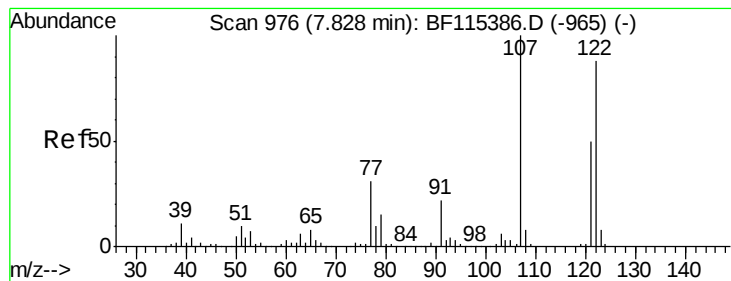
109 28.0 22.2 33.4

65 48.6 35.6 53.4



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





#27

2,4-Dimethylphenol

Concen: 50.833 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

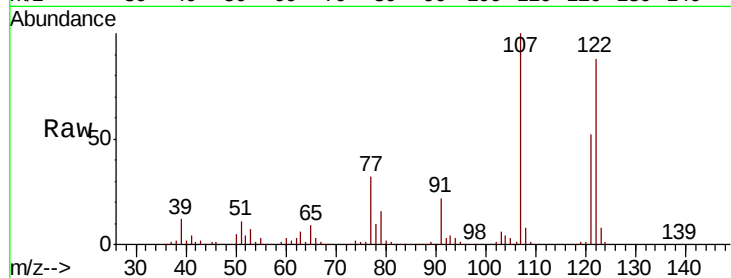
Tot Ion:122 Resp: 552190

Ion Ratio Lower Upper

122 100

107 113.3 89.4 134.2

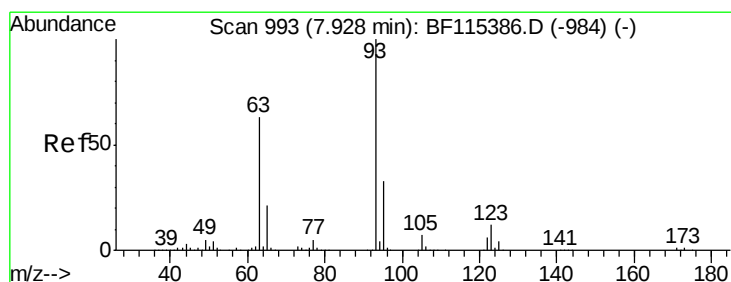
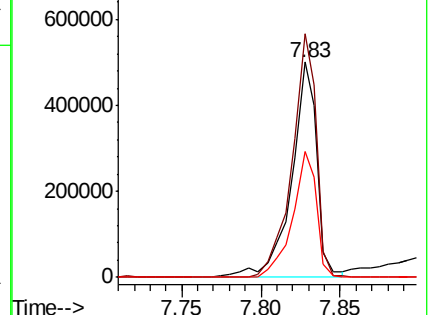
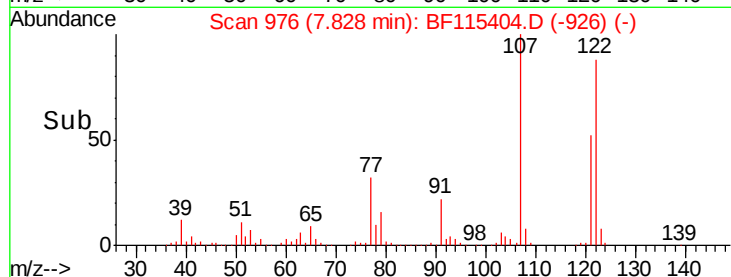
121 58.5 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.713 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

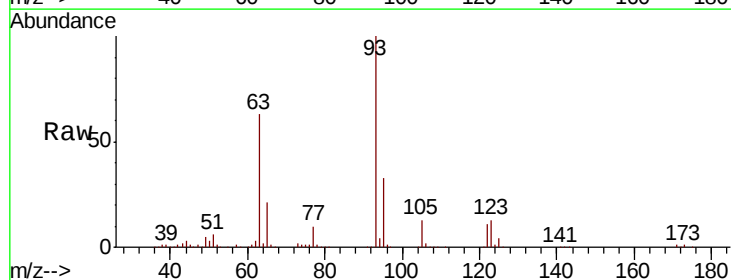
Tgt Ion: 93 Resp: 700456

Ion Ratio Lower Upper

93 100

95 32.9 26.9 40.3

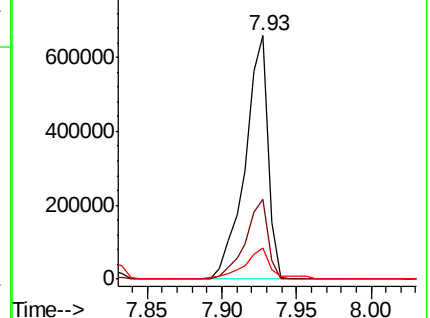
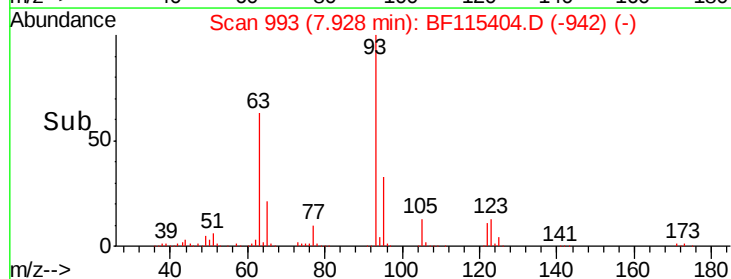
123 12.9 9.6 14.4

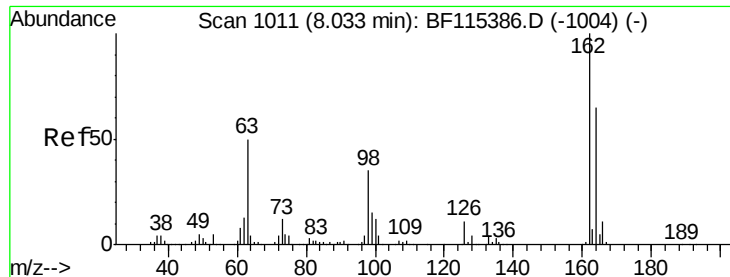


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

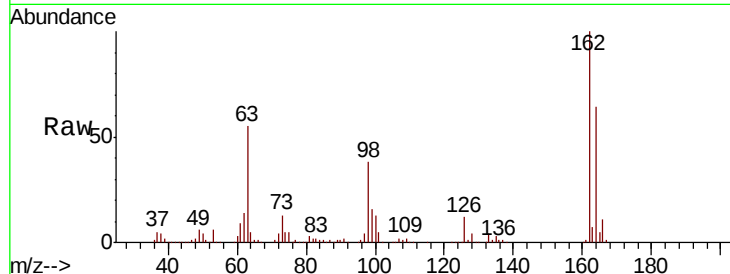




#29
2,4-Dichlorophenol
Concen: 45.523 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.5	84.5
98	37.6	15.2	55.2

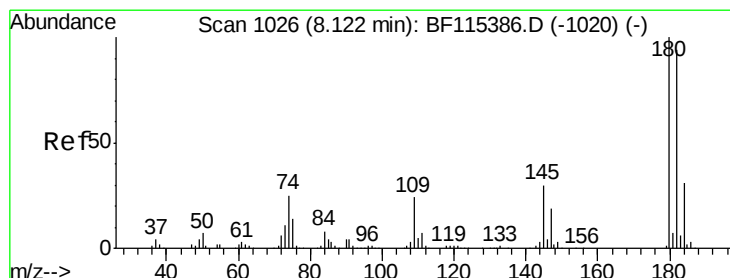
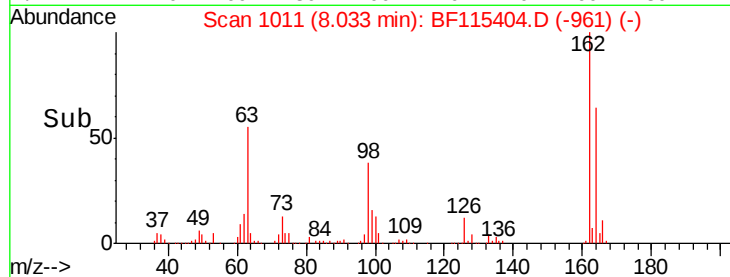
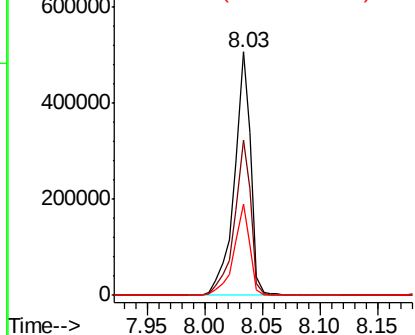


Abundance

Ion 162.00 (161.70 to 162.70): E

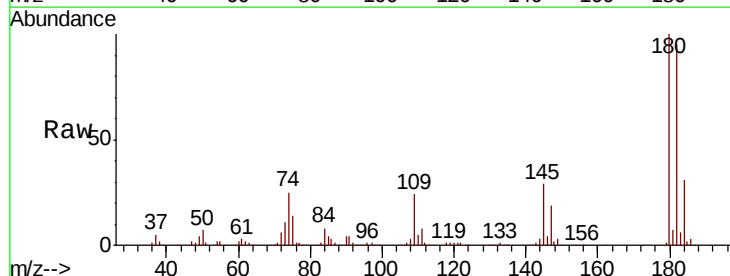
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.411 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.9	113.9
145	29.4	24.6	36.8

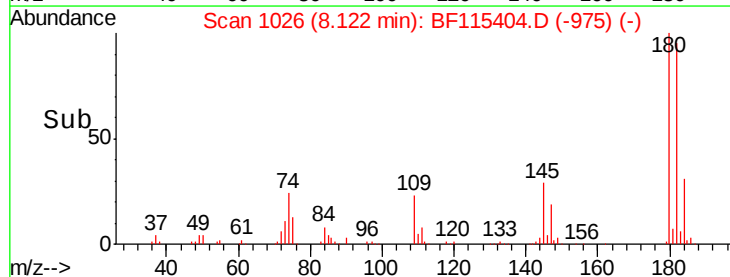
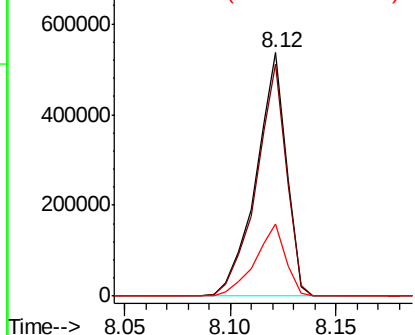


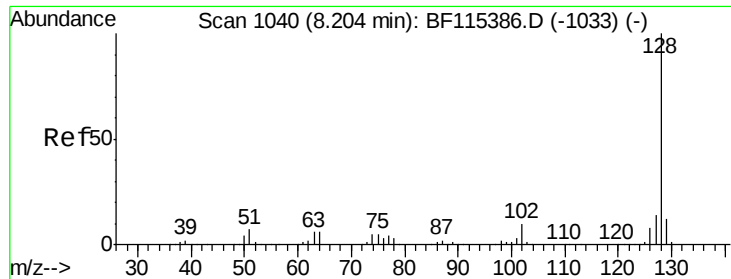
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

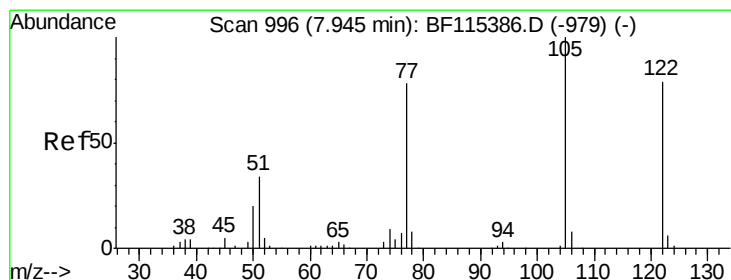
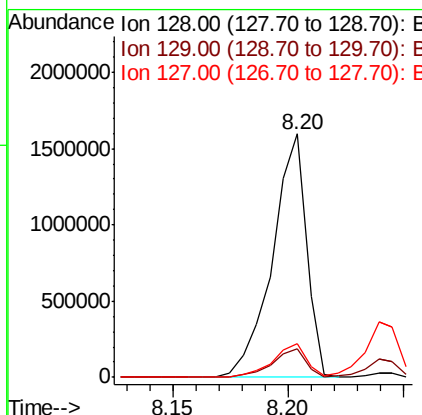
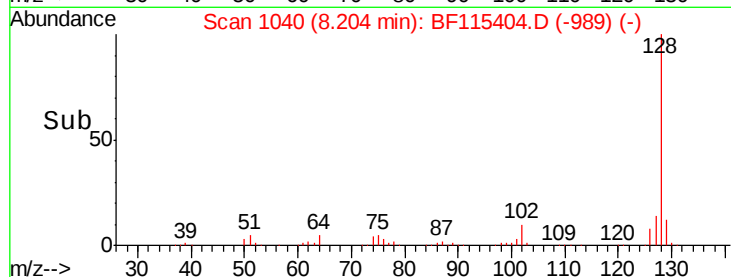
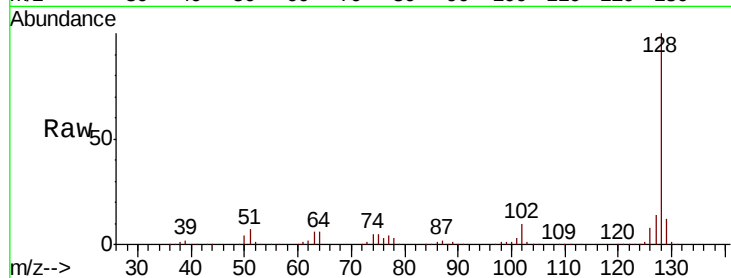




#31
Naphthalene
Concen: 45.421 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

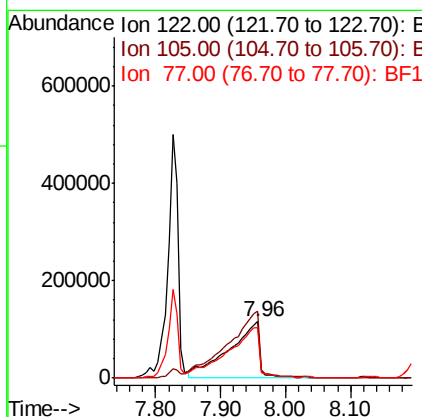
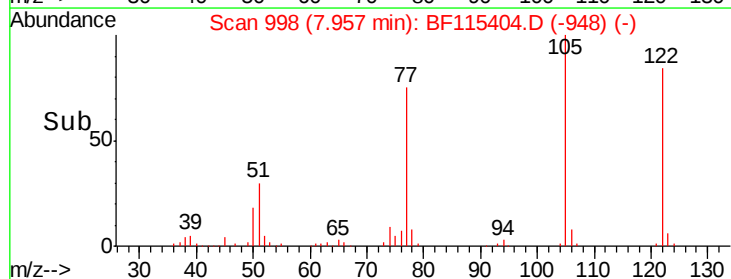
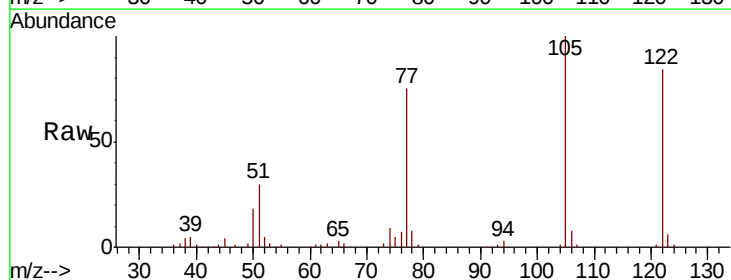
Instrument :
BNA_F
ClientSampleId :

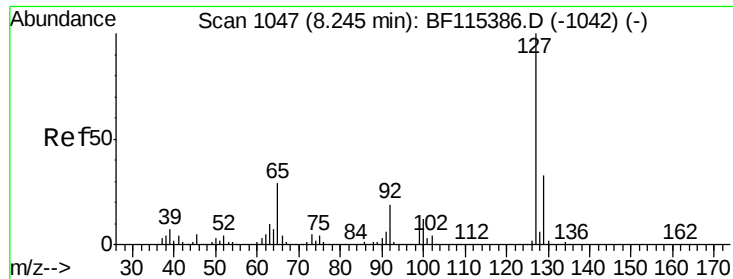
Tot Ion:128 Resp: 1635449
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.9 11.5 17.3



#32
Benzoic acid
Concen: 48.102 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:122 Resp: 380772
Ion Ratio Lower Upper
122 100
105 119.6 102.2 142.2
77 89.8 73.6 113.6

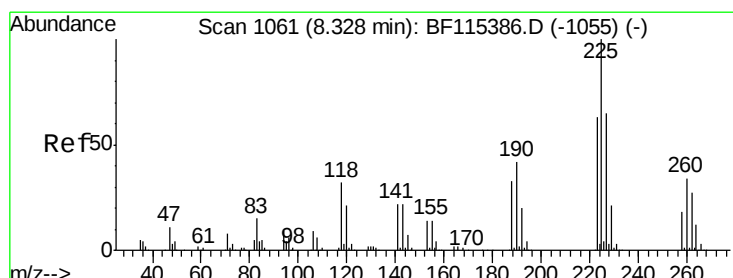
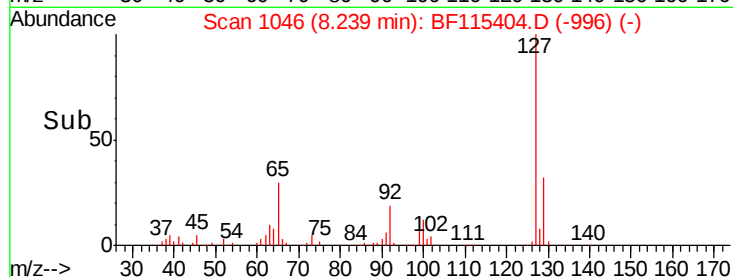
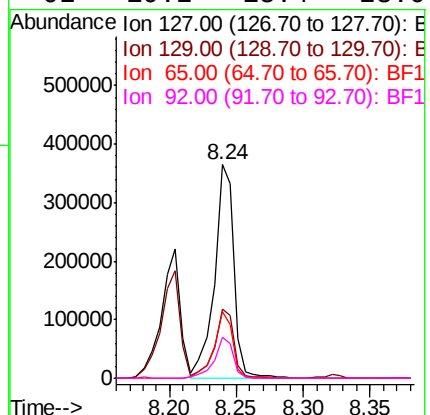
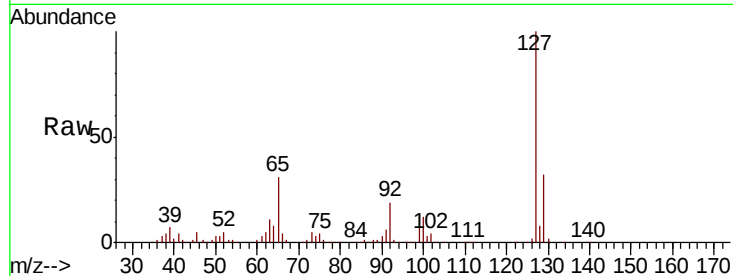




#33
4-Chloroaniline
Concen: 23.319 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

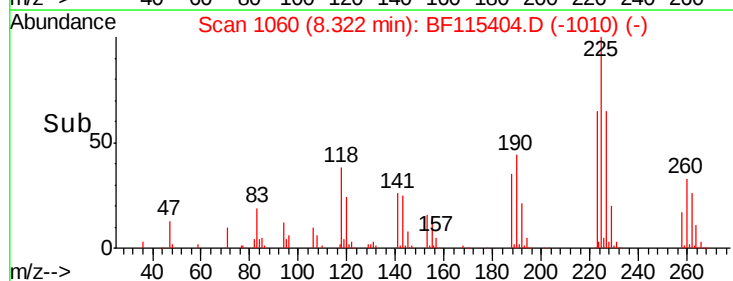
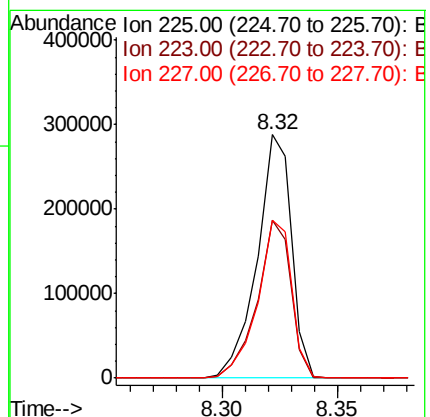
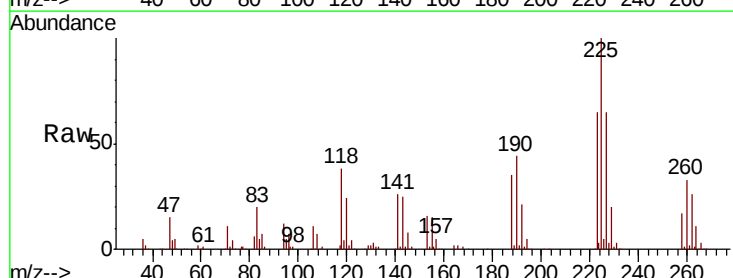
Instrument :
BNA_F
ClientSampled :

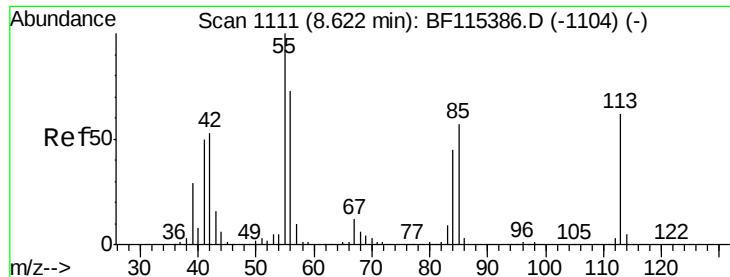
Tot Ion:	127	Resp:	374635
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	31.2	24.5	36.7
92	19.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.774 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:	225	Resp:	299011
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	75.8
227	65.1	51.8	77.8

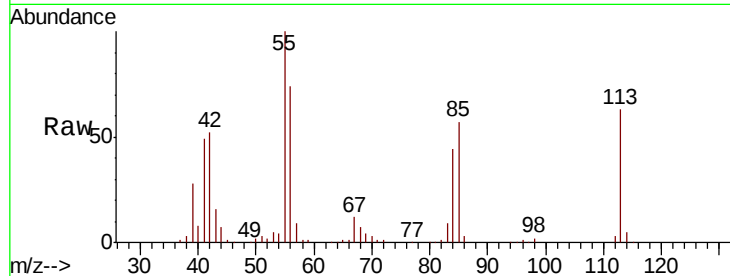




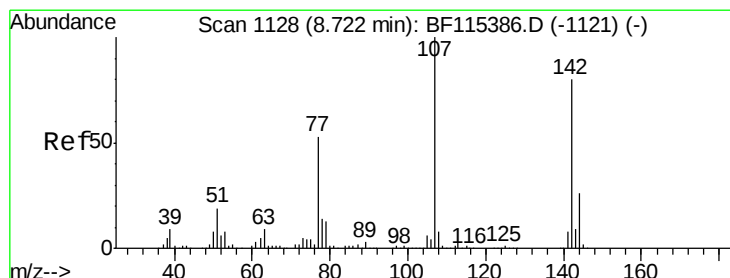
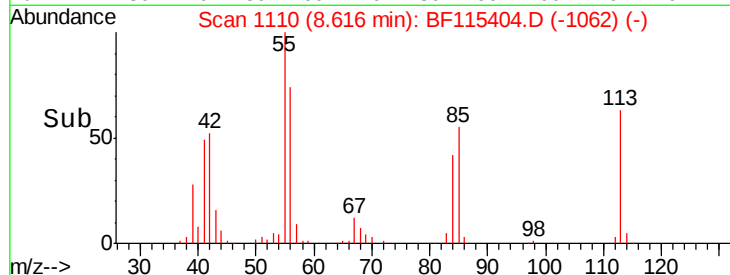
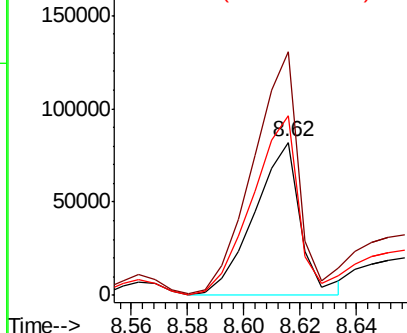
#35
Caprolactam
Concen: 26.578 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 93657
Ion Ratio Lower Upper
113 100
55 158.7 135.8 175.8
56 116.9 95.4 135.4

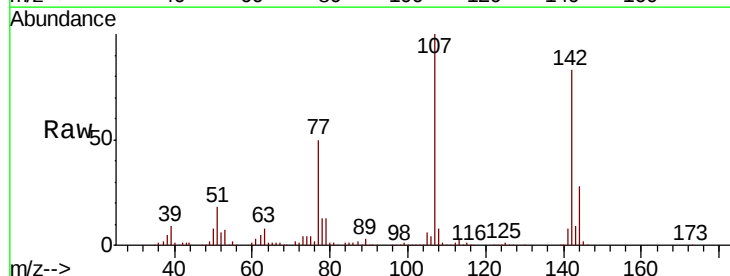


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

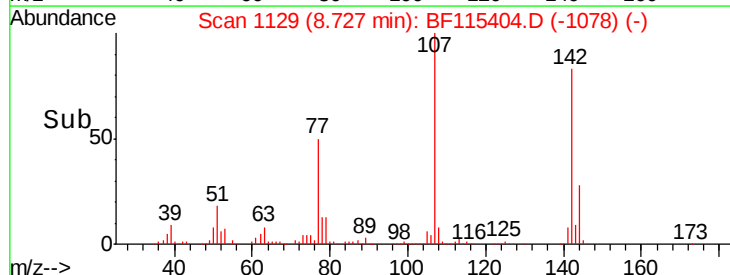
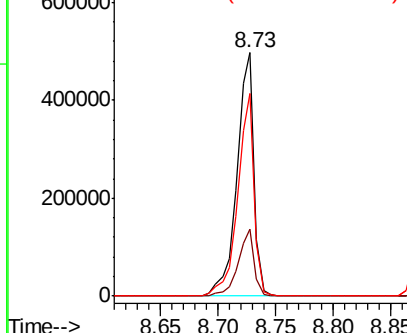


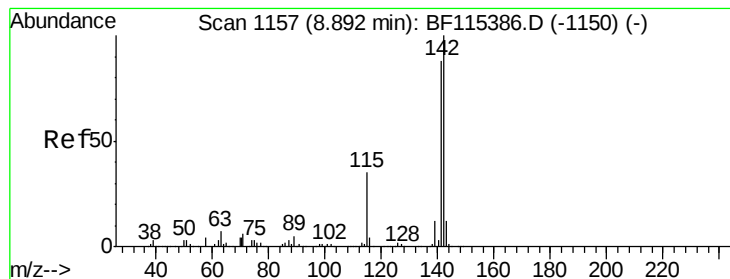
#36
4-Chloro-3-methylphenol
Concen: 44.247 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:107 Resp: 506374
Ion Ratio Lower Upper
107 100
144 27.6 21.0 31.6
142 83.2 64.2 96.2



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





#37

2-Methylnaphthalene

Concen: 45.610 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampled :

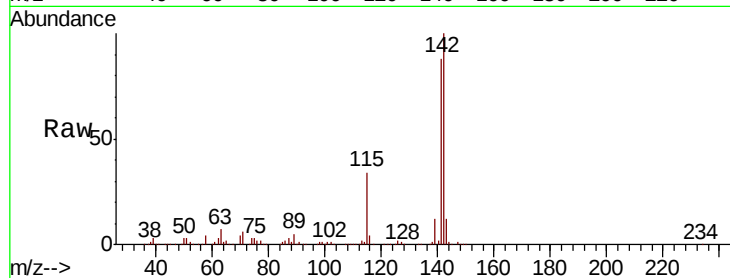
Tot Ion:142 Resp: 1097712

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0

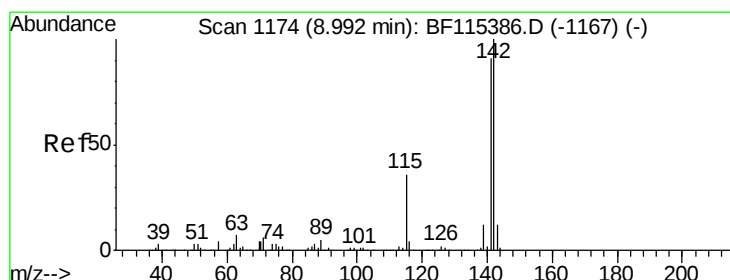
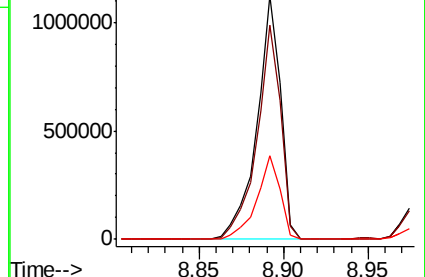
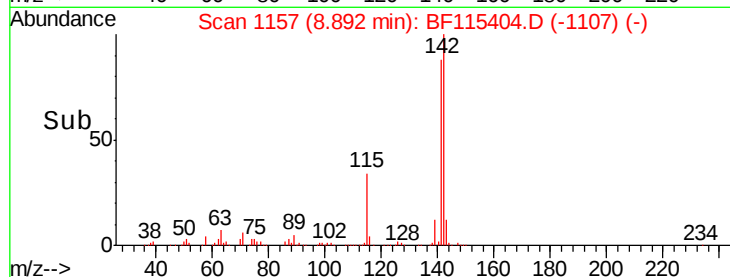
115 34.5 27.2 40.8



Abundance Ion 142.00 (141.70 to 142.70): E

1500000 Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.767 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

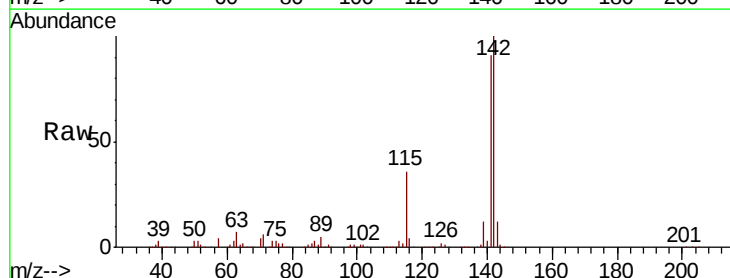
Tgt Ion:142 Resp: 1027990

Ion Ratio Lower Upper

142 100

141 91.4 72.3 108.5

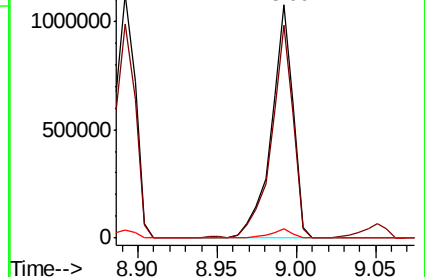
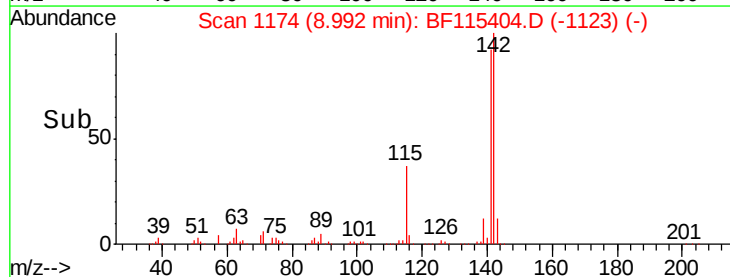
116 3.8 3.1 4.7

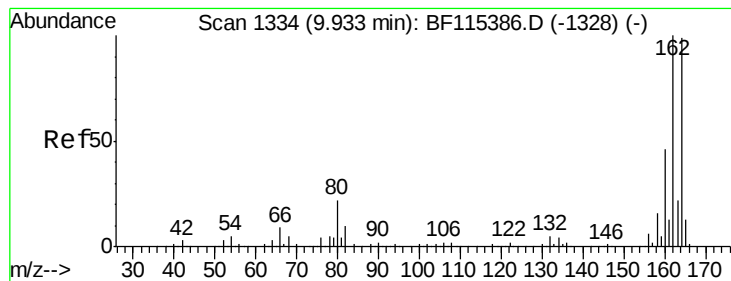


Abundance Ion 142.00 (141.70 to 142.70): E

1500000 Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampled :

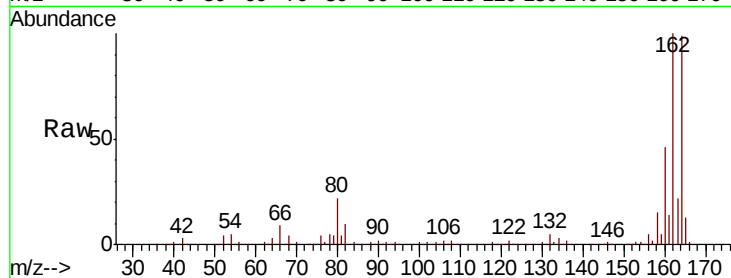
Tot Ion:164 Resp: 356642

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

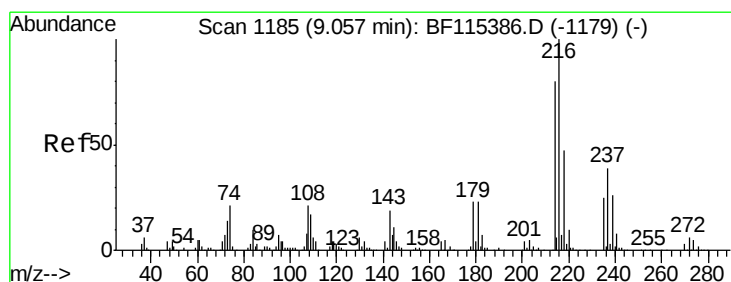
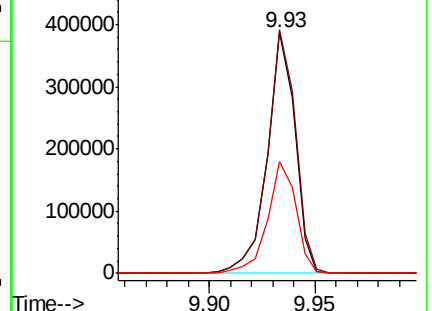
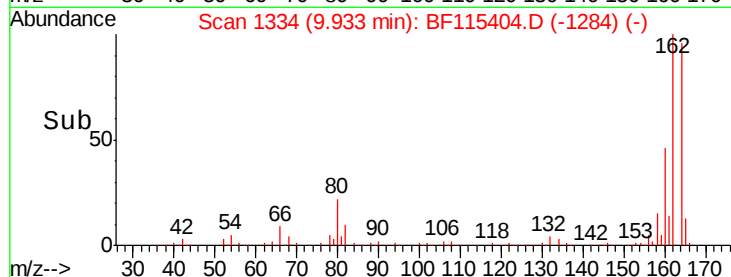
160 46.6 37.5 56.3



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: 47.030 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion:216 Resp: 482530

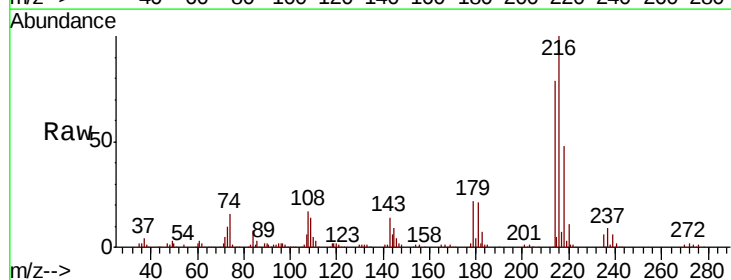
Ion Ratio Lower Upper

216 100

214 79.2 63.7 95.5

179 21.6 17.5 26.3

108 22.1 16.6 25.0

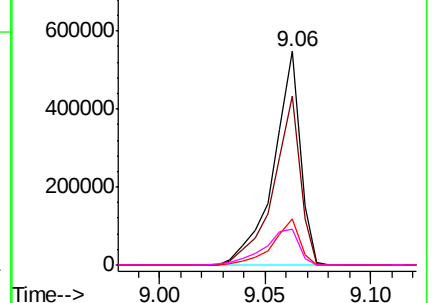
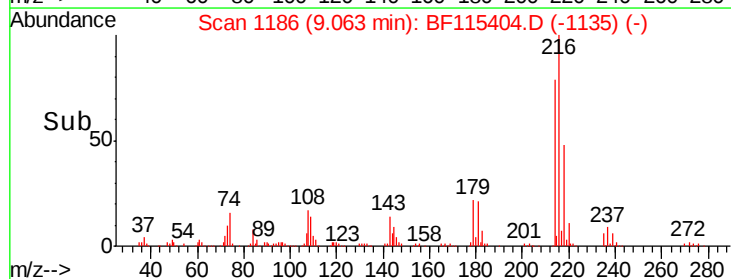


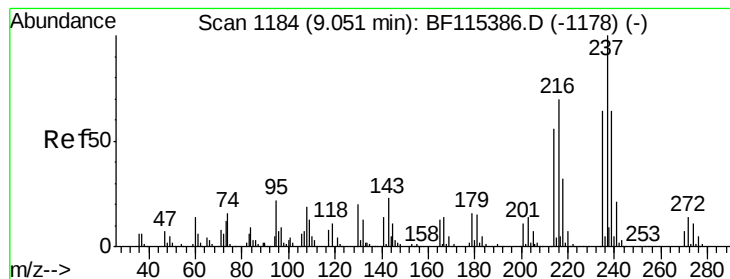
Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.105 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

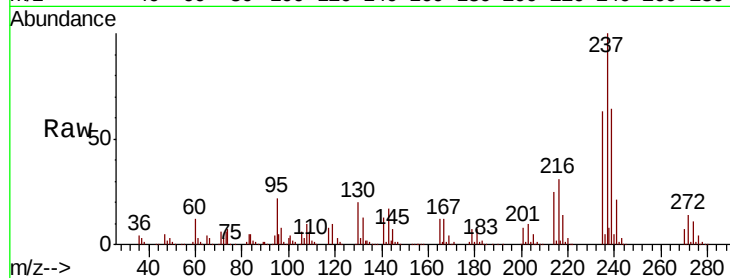
Tot Ion:237 Resp: 553663

Ion Ratio Lower Upper

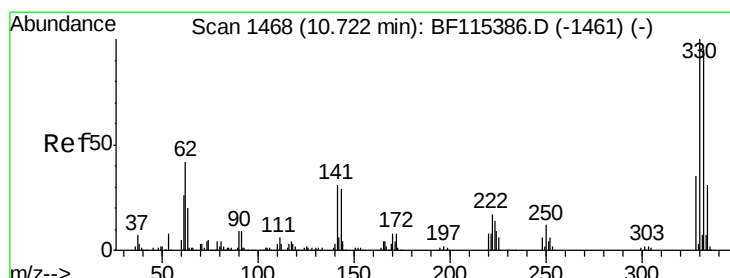
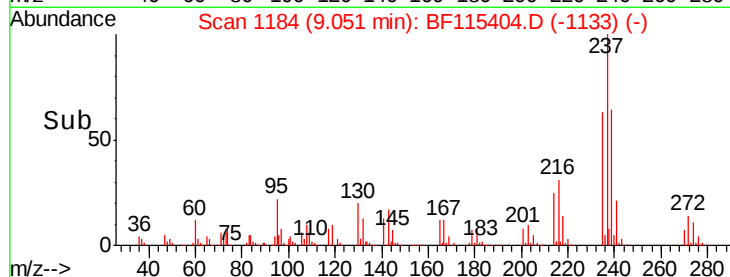
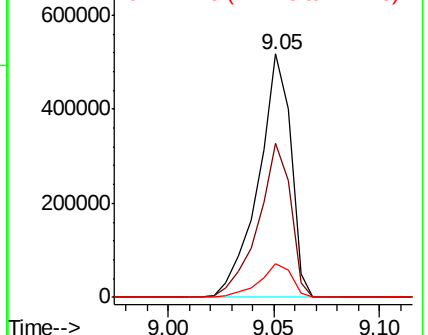
237 100

235 63.4 43.5 83.5

272 13.6 0.0 33.3



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: 128.966 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

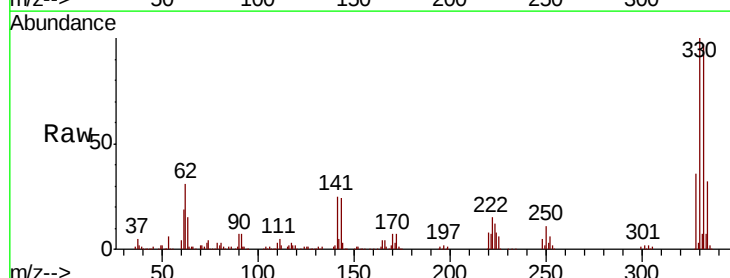
Tgt Ion:330 Resp: 508547

Ion Ratio Lower Upper

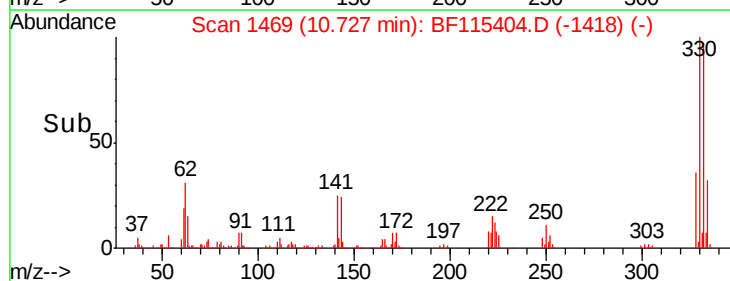
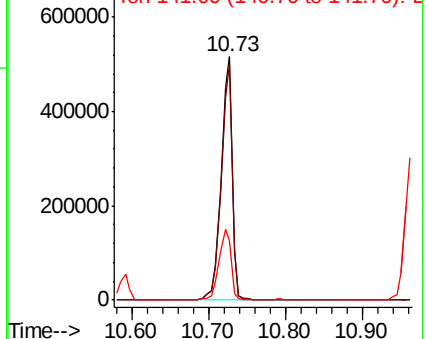
330 100

332 96.5 77.5 116.3

141 31.6 25.8 38.6



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

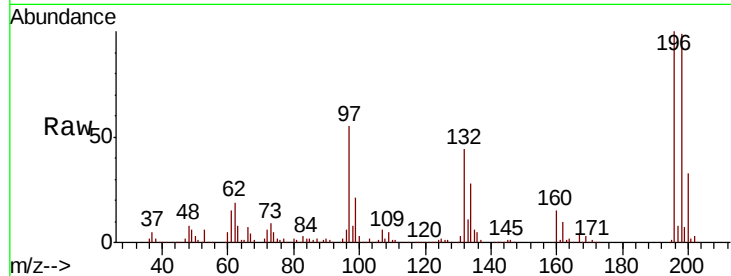




#43
 2,4,6-Trichlorophenol
 Concen: 47.546 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.8	119.8
200	32.7	25.6	38.4

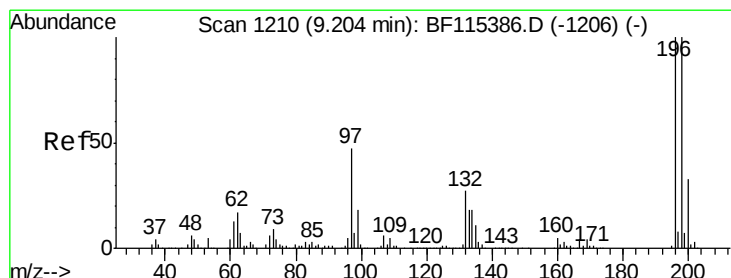
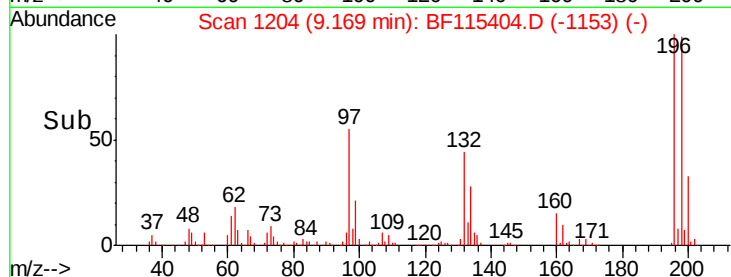
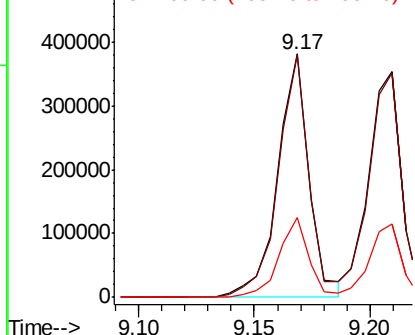


Abundance

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: 45.683 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.0	118.4
97	46.8	37.3	55.9
132	27.4	21.9	32.9

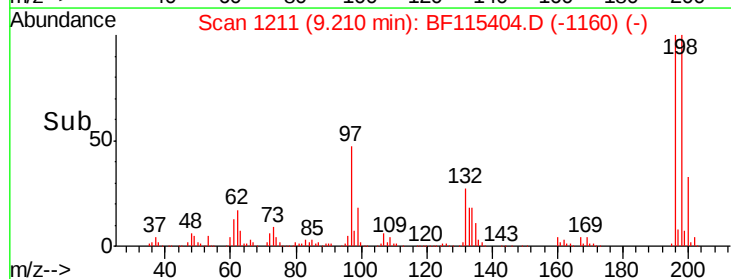
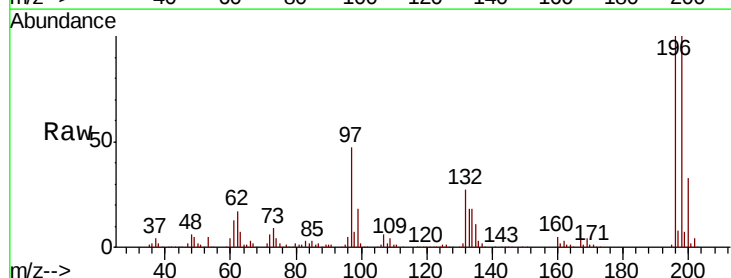
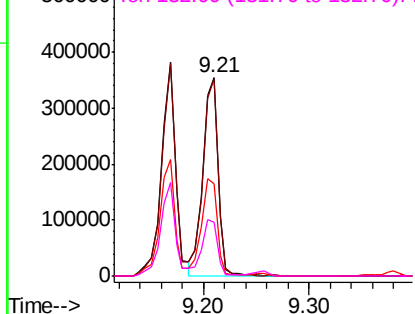
Abundance

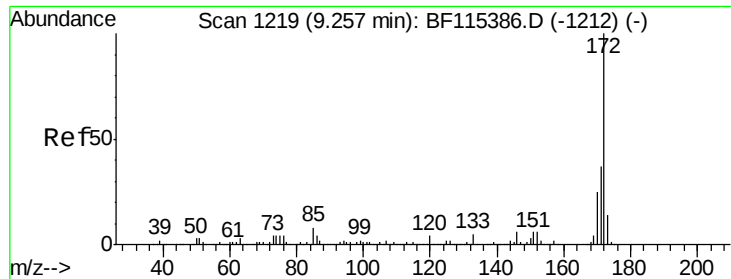
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

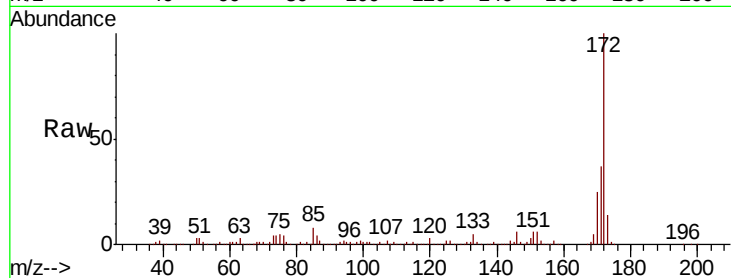




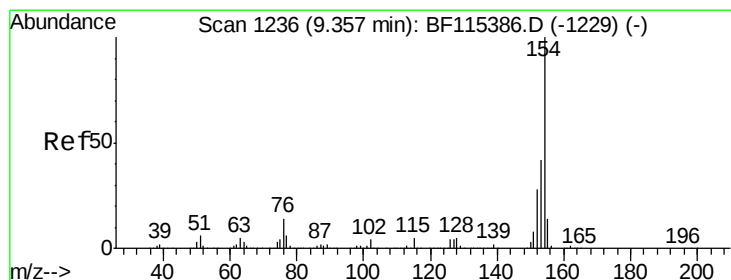
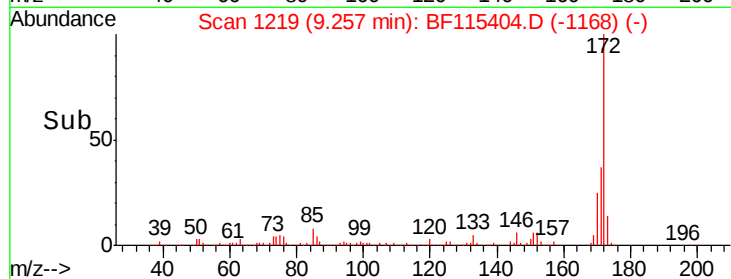
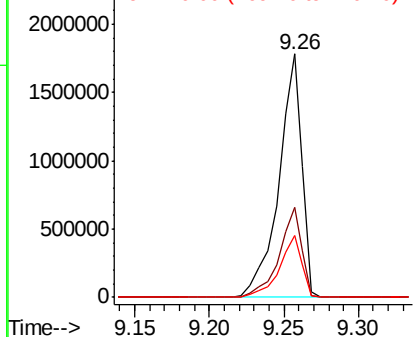
#45
2-Fluorobiphenyl
Concen: 94.671 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1924126
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 25.3 20.2 30.2

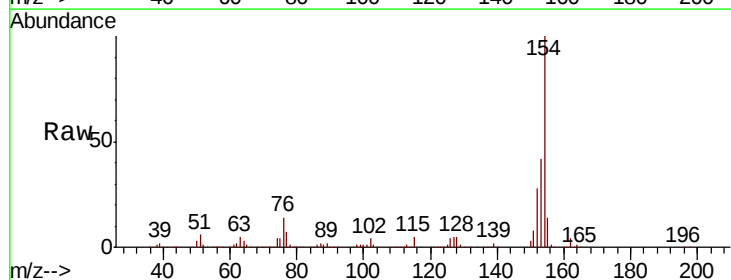


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

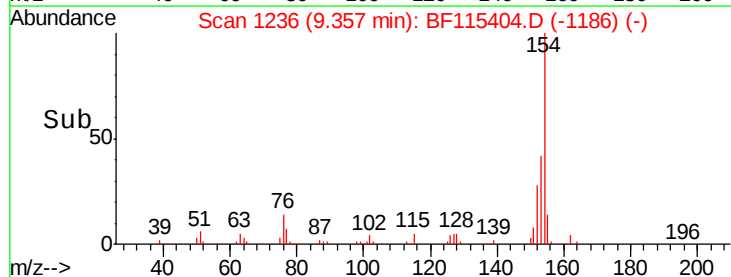
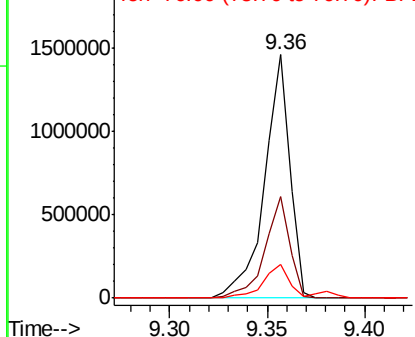


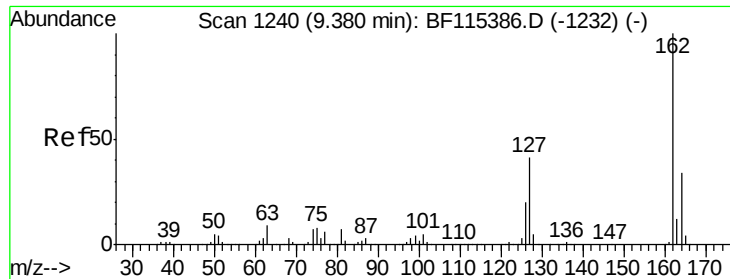
#46
1,1'-Biphenyl
Concen: 46.717 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:154 Resp: 1309812
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 14.0 0.0 32.9



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

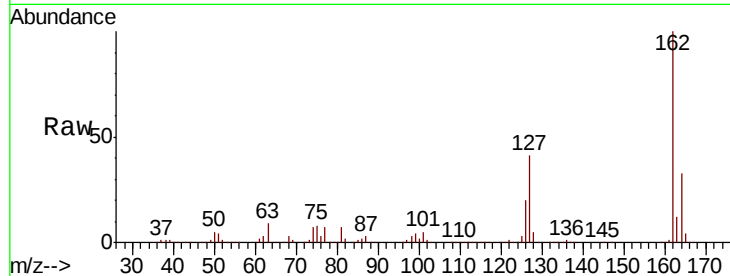




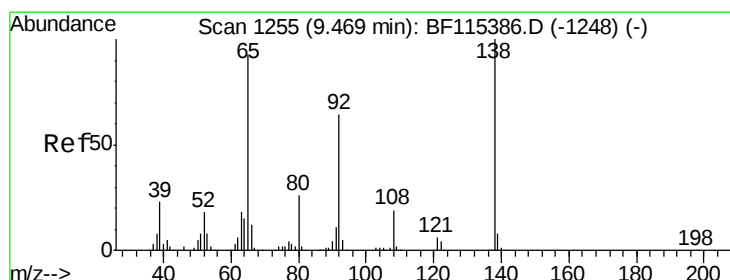
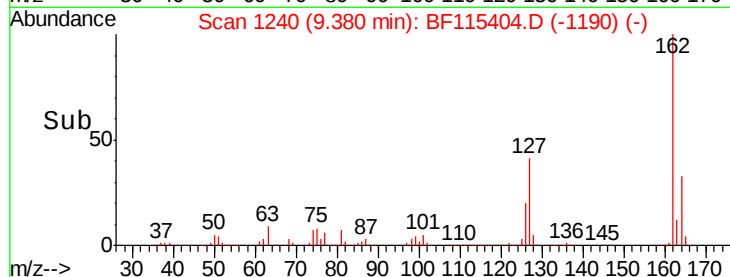
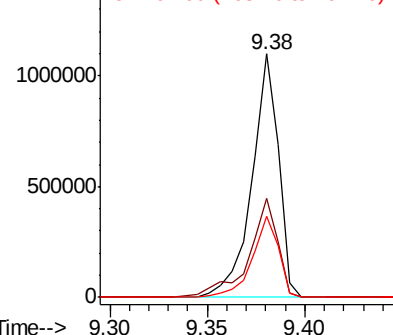
#47
 2-Chloronaphthalene
 Concen: 44.670 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1035112
 Ion Ratio Lower Upper
 162 100
 127 40.6 32.3 48.5
 164 33.5 27.1 40.7

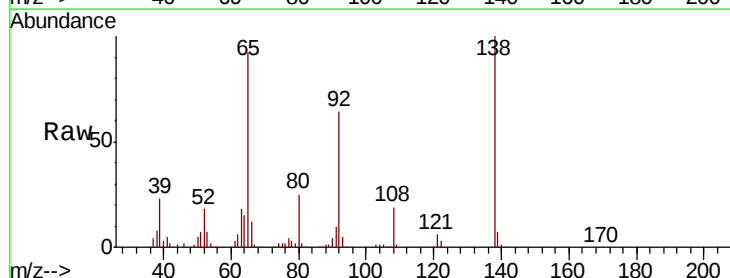


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

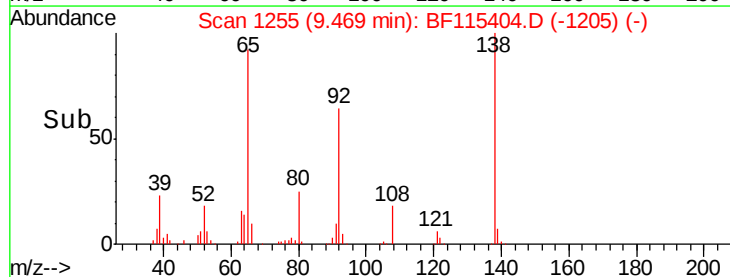
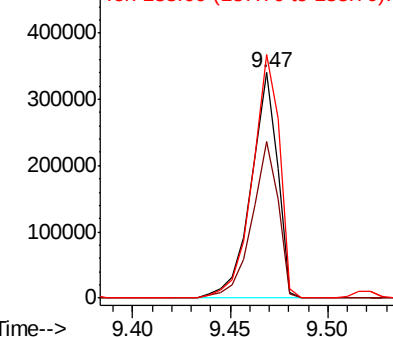


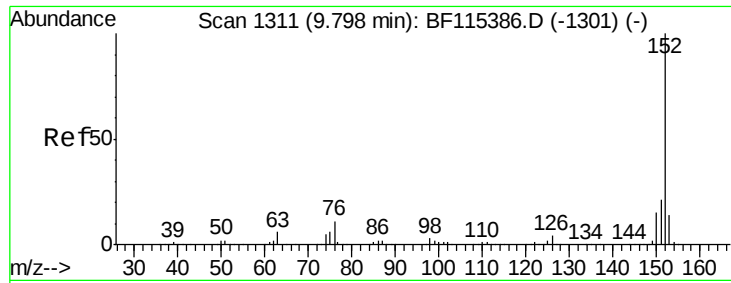
#48
 2-Nitroaniline
 Concen: 46.980 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion: 65 Resp: 319843
 Ion Ratio Lower Upper
 65 100
 92 69.7 56.9 85.3
 138 108.1 93.3 139.9



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.846 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

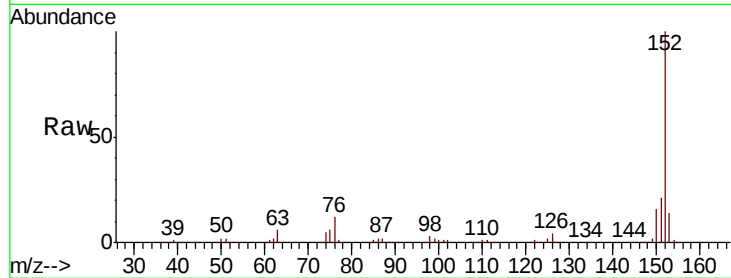
Tot Ion:152 Resp: 1573374

Ion Ratio Lower Upper

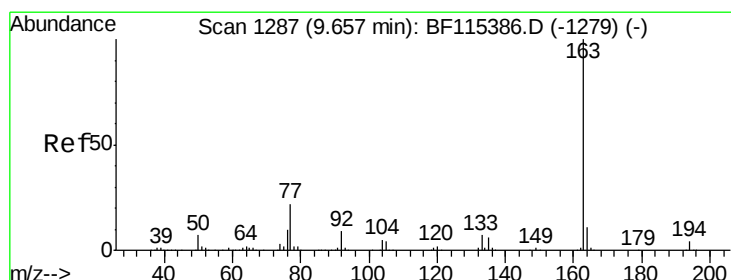
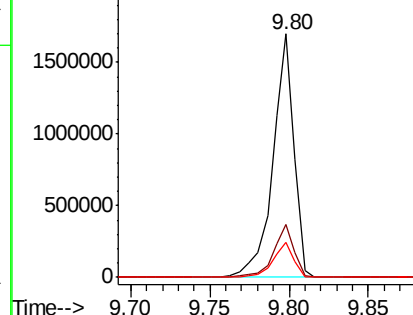
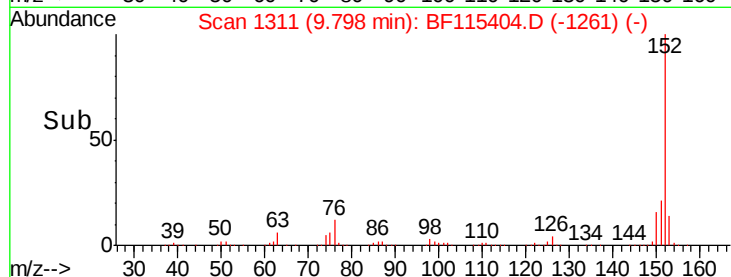
152 100

151 21.5 16.9 25.3

153 14.4 11.2 16.8



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: 43.607 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

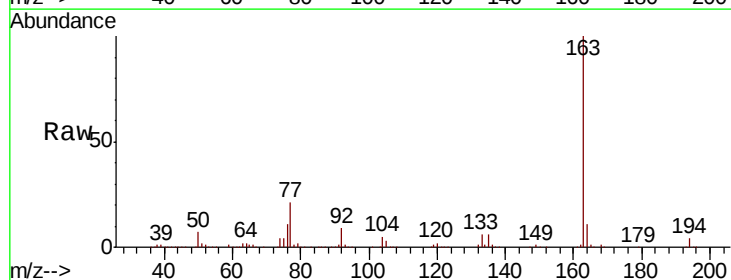
Tgt Ion:163 Resp: 1167297

Ion Ratio Lower Upper

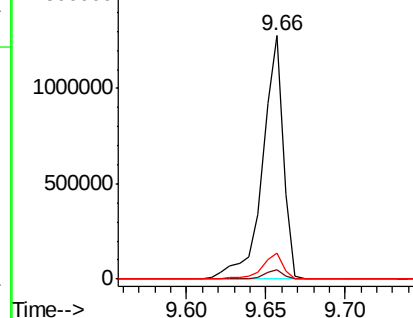
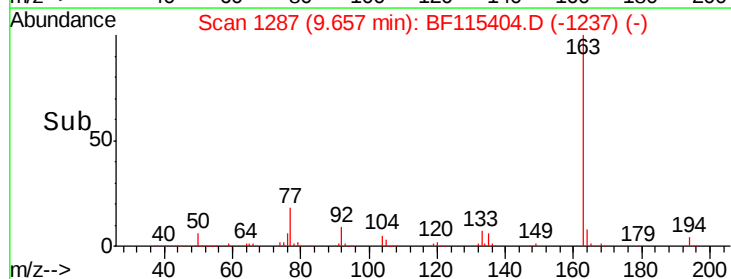
163 100

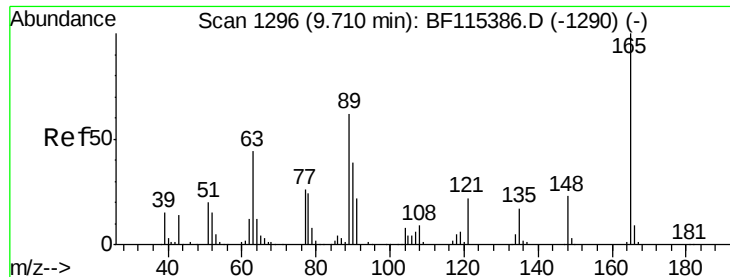
194 4.0 3.3 4.9

164 10.5 8.3 12.5



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

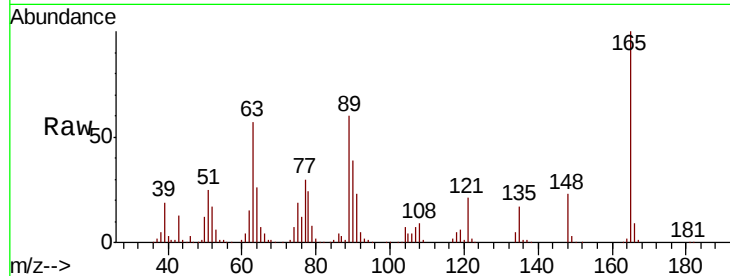




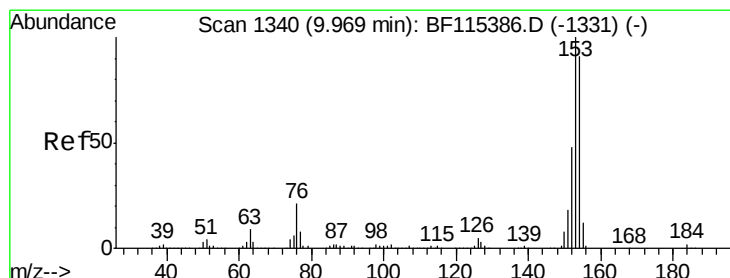
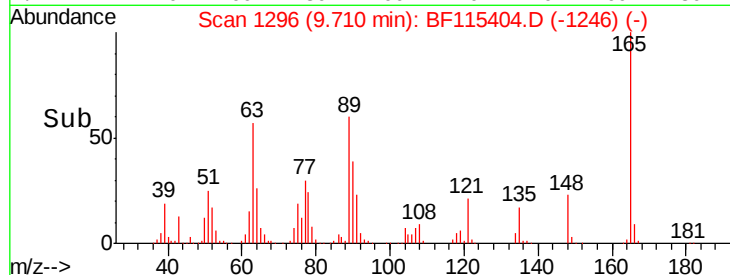
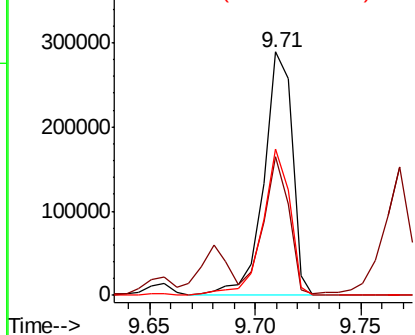
#51
2,6-Dinitrotoluene
Concen: 46.847 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 271971
Ion Ratio Lower Upper
165 100
63 56.9 45.1 67.7
89 60.1 48.3 72.5

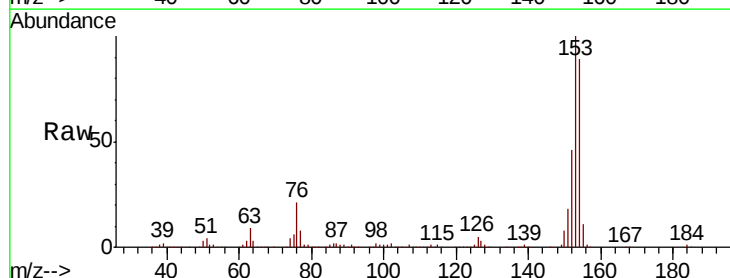


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

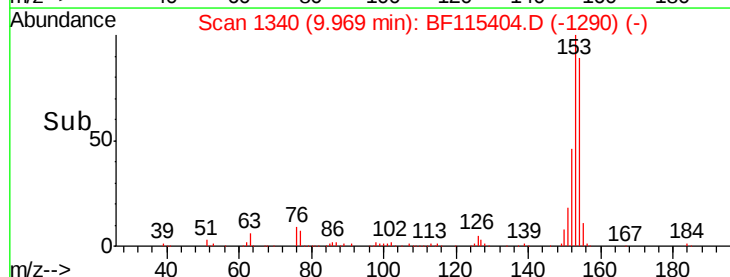
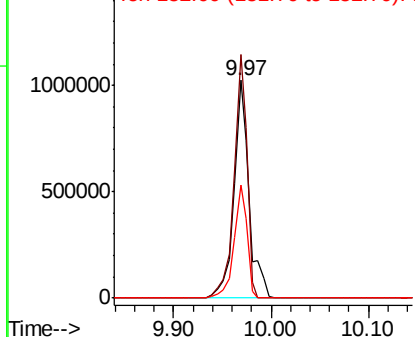


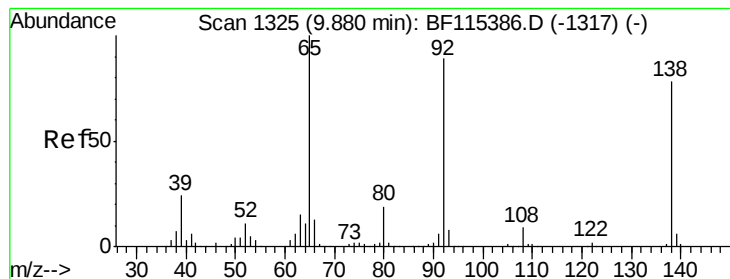
#52
Acenaphthene
Concen: 49.444 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:154 Resp: 1091742
Ion Ratio Lower Upper
154 100
153 111.9 88.6 133.0
152 51.8 42.5 63.7



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





#53

3-Nitroaniline

Concen: 29.579 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

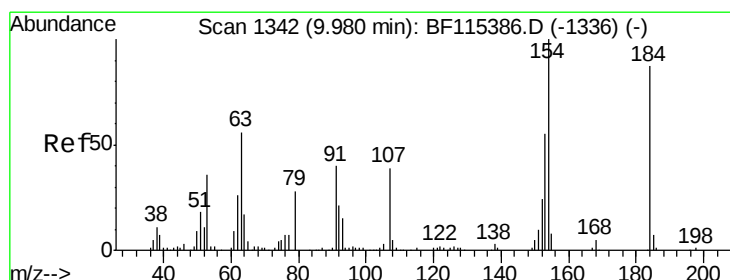
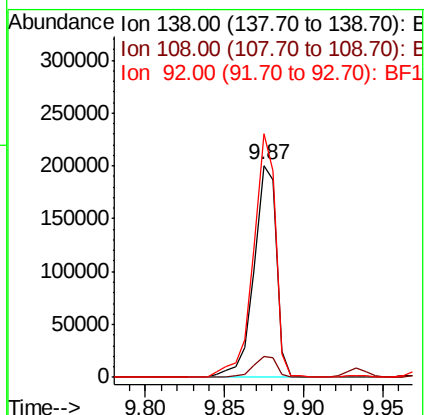
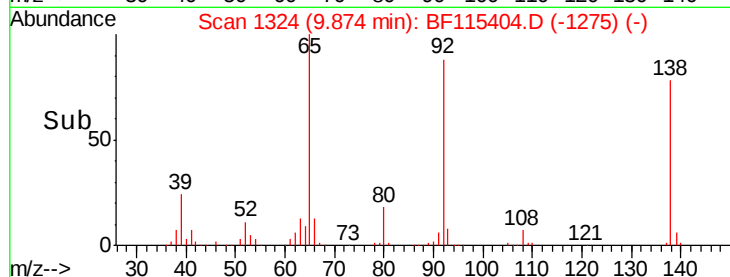
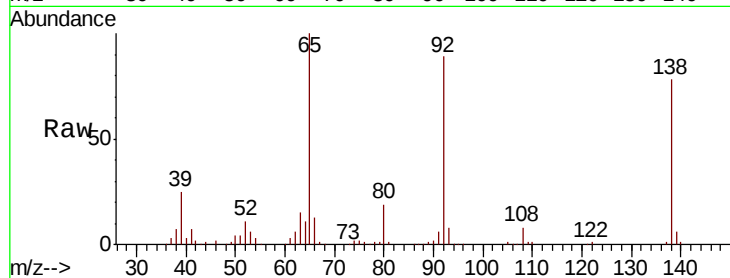
Tot Ion:138 Resp: 199446

Ion Ratio Lower Upper

138 100

108 10.0 8.3 12.5

92 115.0 89.6 134.4



#54

2,4-Dinitrophenol

Concen: 100.881 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

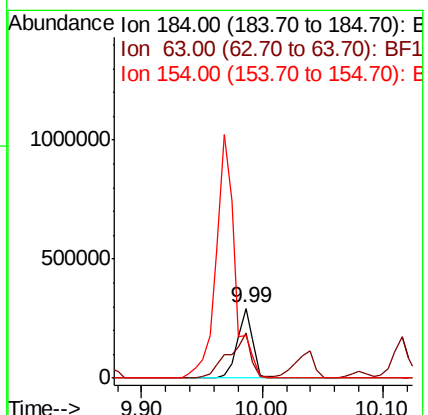
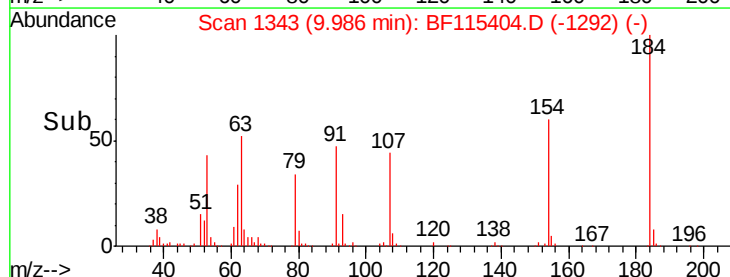
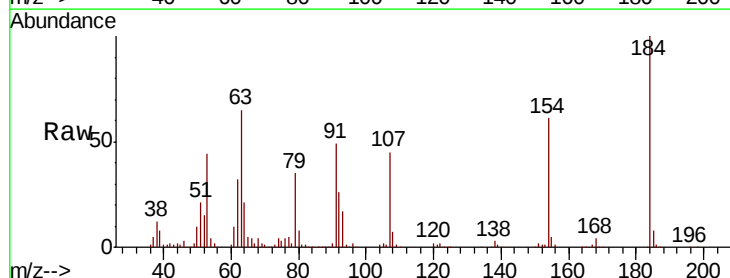
Tgt Ion:184 Resp: 259851

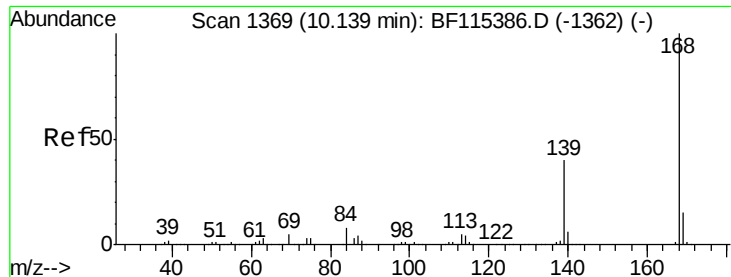
Ion Ratio Lower Upper

184 100

63 65.4 51.7 77.5

154 60.6 55.8 83.8





#55

Dibenzenofuran

Concen: 45.180 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampleId :

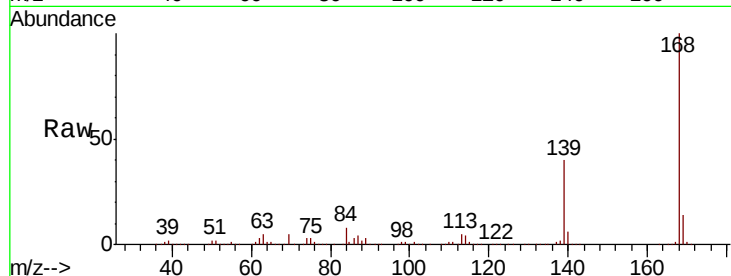
Tot Ion:168 Resp: 1405261

Ion Ratio Lower Upper

168 100

139 40.1 31.7 47.5

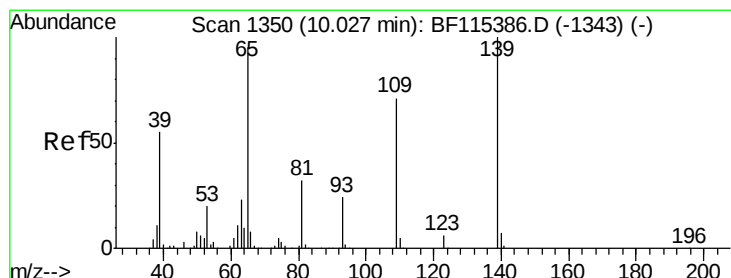
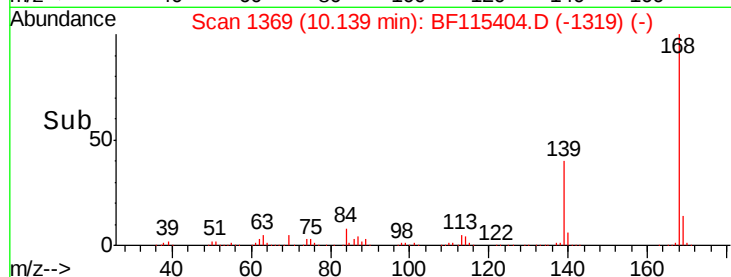
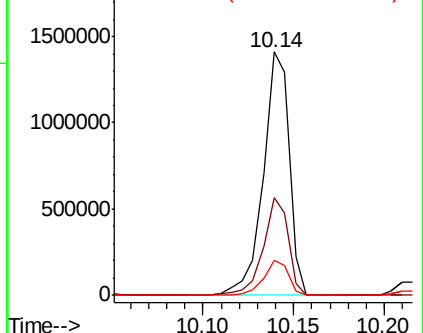
169 14.4 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.181 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

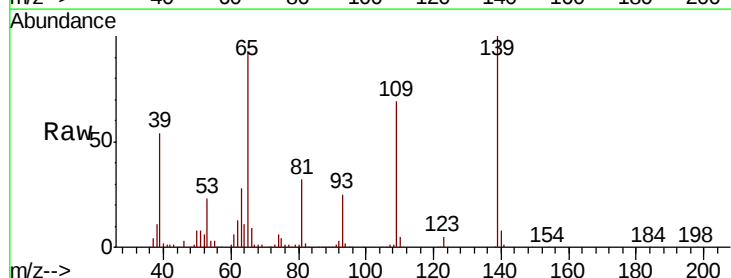
Tgt Ion:139 Resp: 470455

Ion Ratio Lower Upper

139 100

109 69.1 49.3 89.3

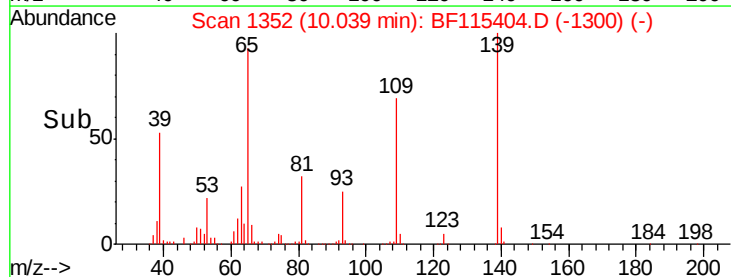
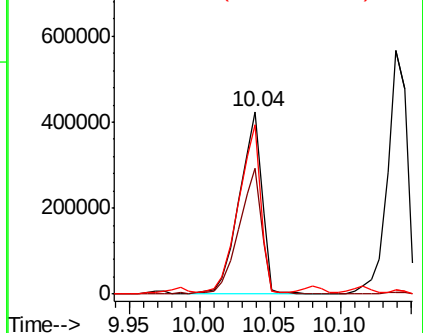
65 93.2 75.1 115.1

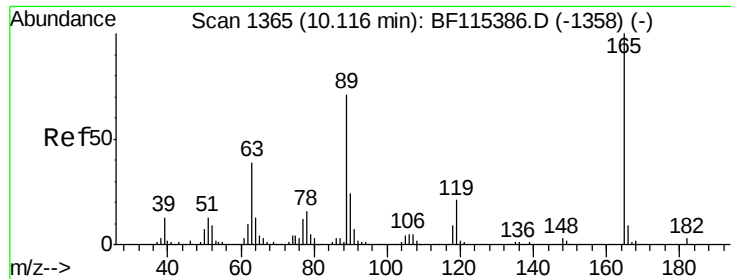


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

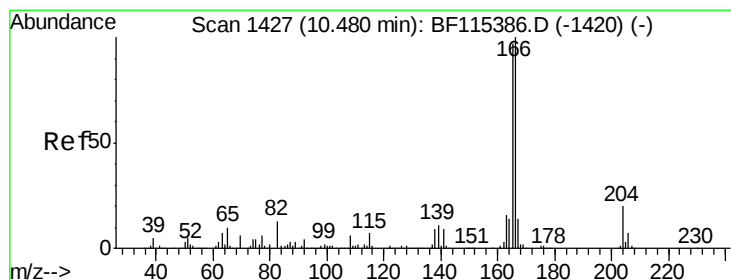
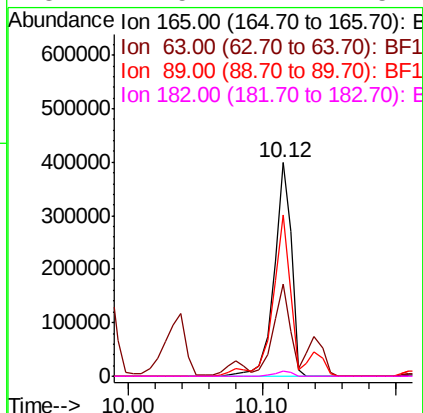
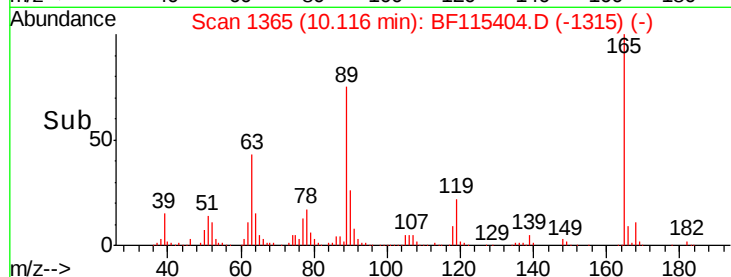
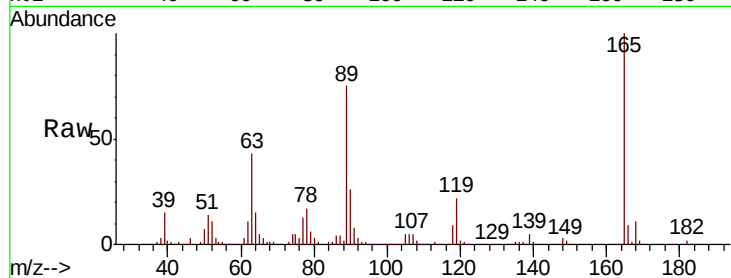




#57
2,4-Dinitrotoluene
Concen: 48.867 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

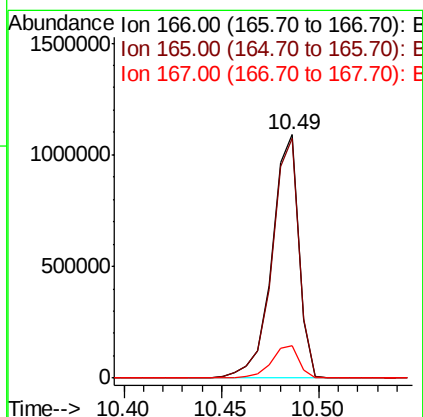
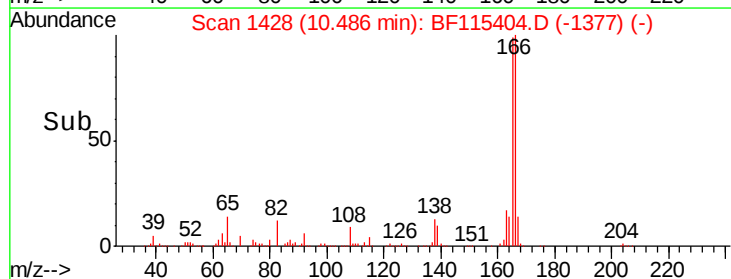
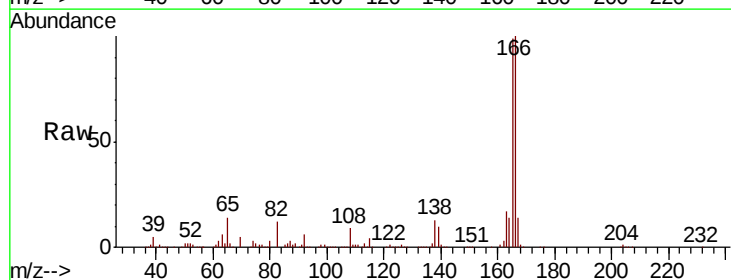
Instrument :
BNA_F
ClientSampleId :

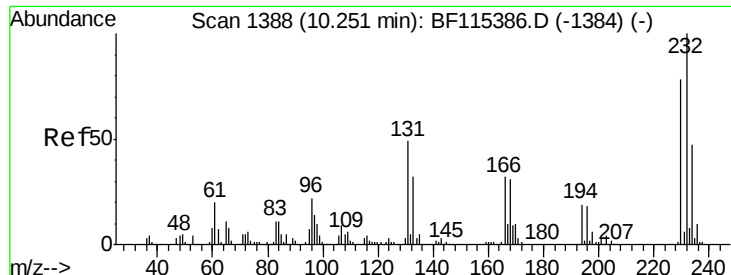
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	30.0	45.0
89	75.4	54.8	82.2
182	2.5	2.1	3.1



#58
Fluorene
Concen: 42.592 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.6	11.2	16.8

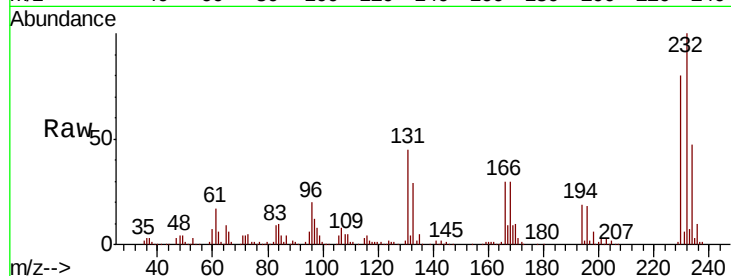




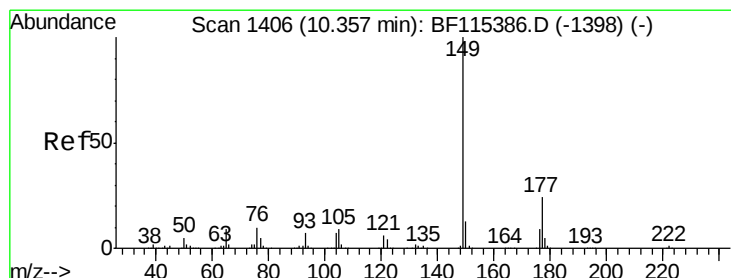
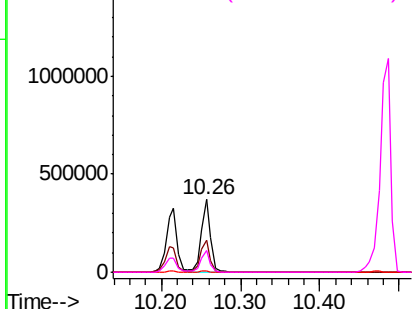
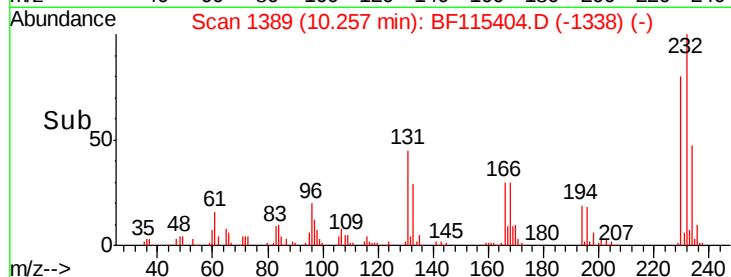
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.257 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 309505
Ion Ratio Lower Upper
232 100
131 45.1 35.9 53.9
130 2.3 1.8 2.6
166 30.3 24.0 36.0

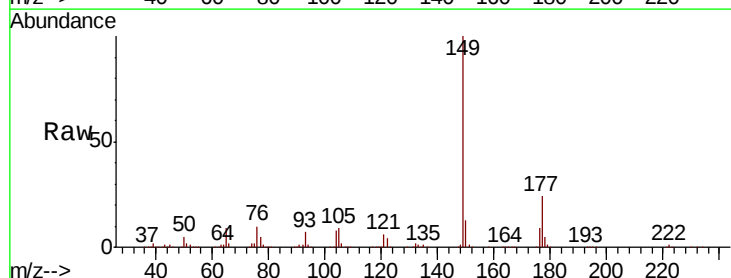


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

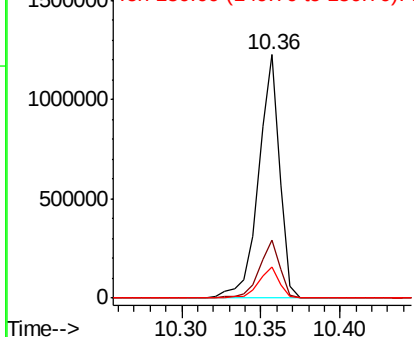
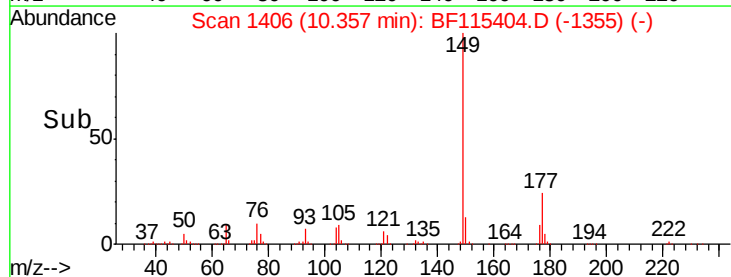


#60
Diethylphthalate
Concen: 43.053 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:149 Resp: 1134373
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.4
150 12.9 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

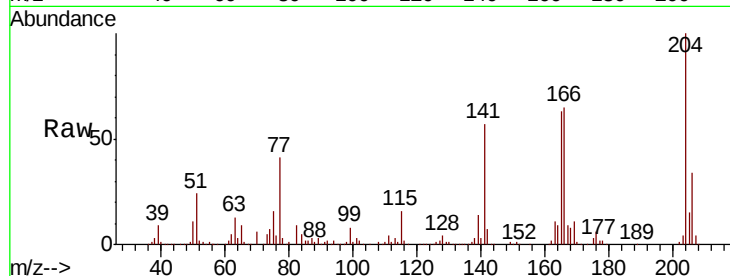




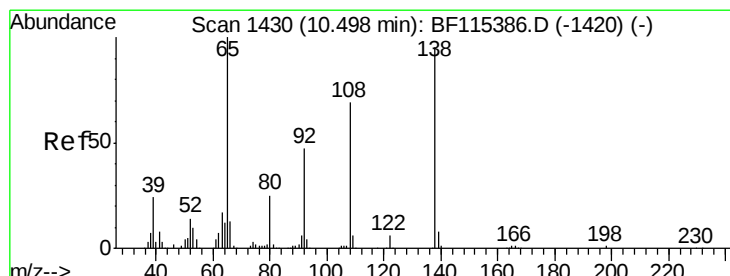
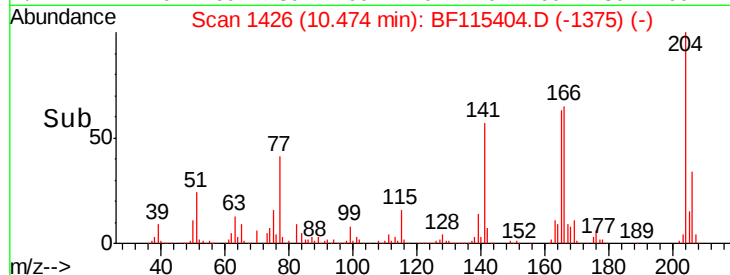
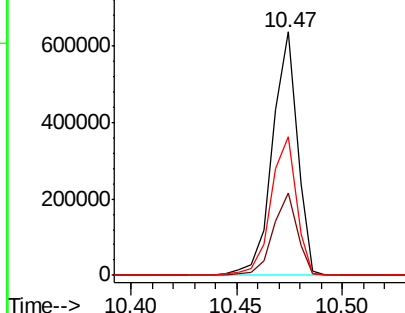
#61
 4-Chlorophenyl-phenylether
 Concen: 43.878 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.4
141	57.2	47.7	71.5

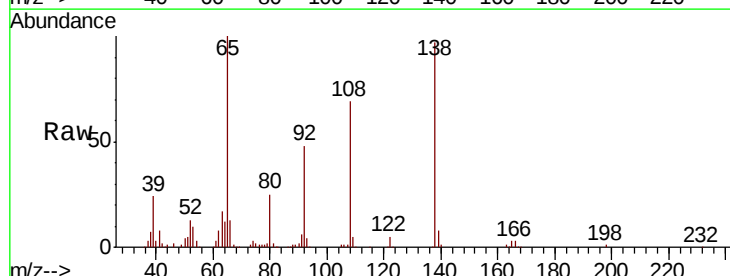


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

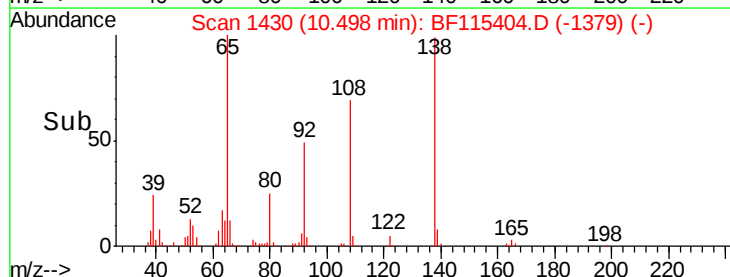
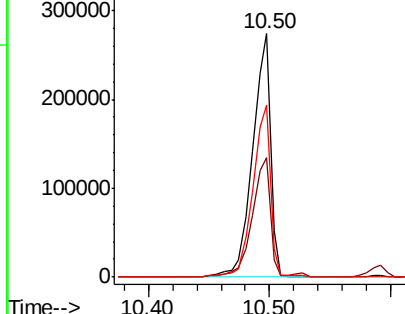


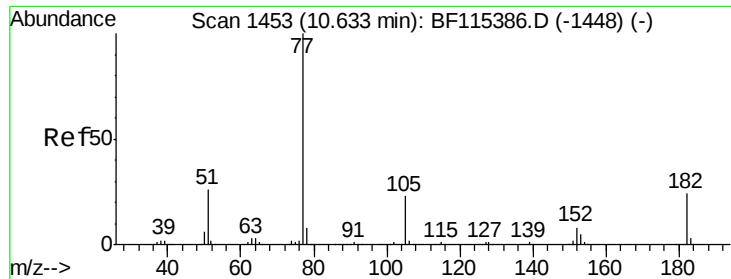
#62
 4-Nitroaniline
 Concen: 43.343 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.6	70.6
108	70.6	53.3	93.3



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

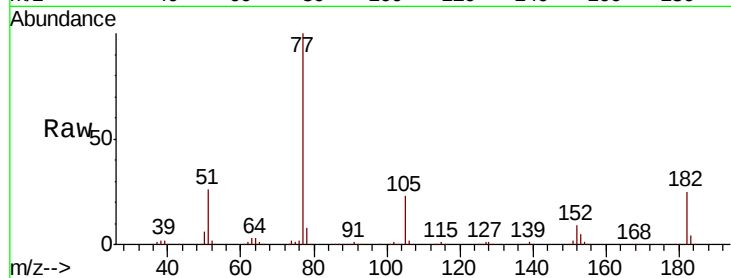




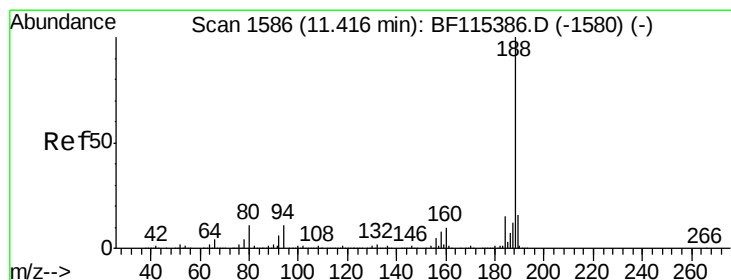
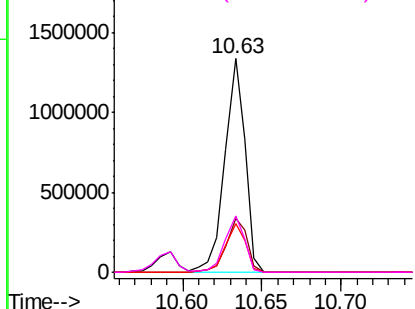
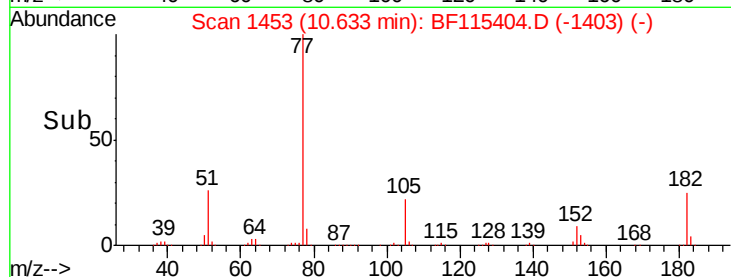
#63
Azobenzene
Concen: 43.336 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1176997
Ion Ratio Lower Upper
77 100
182 24.9 8.8 48.8
105 22.8 3.9 43.9
51 26.4 6.0 46.0

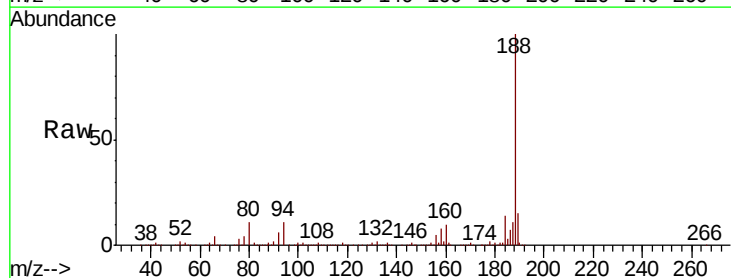


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

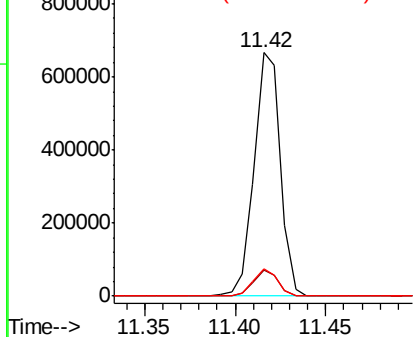
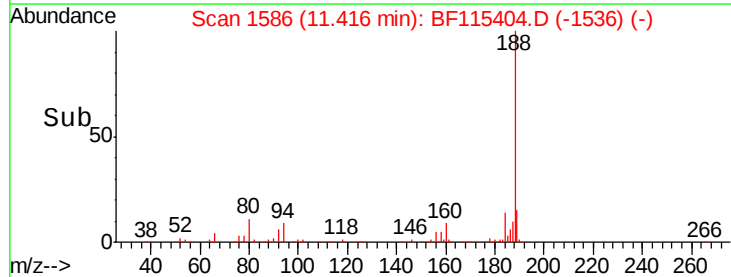


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion: 188 Resp: 670957
Ion Ratio Lower Upper
188 100
94 10.7 7.9 11.9
80 11.4 8.5 12.7



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

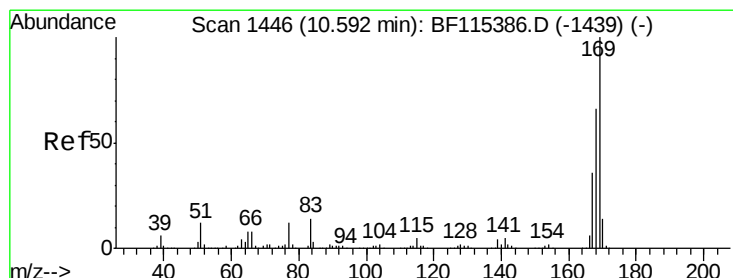
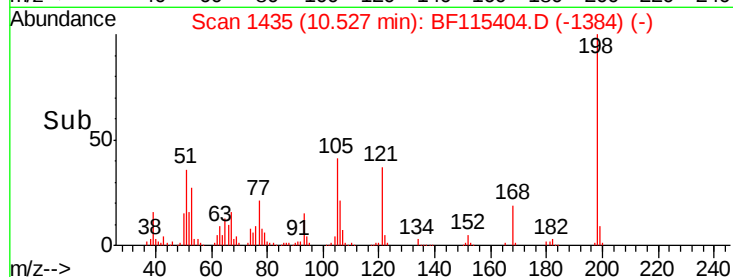
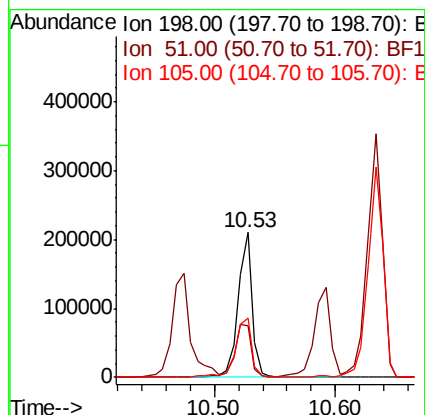
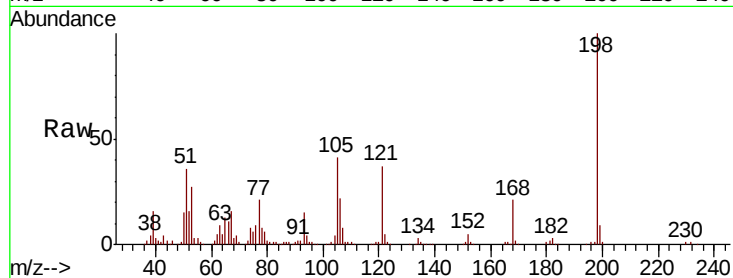




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.465 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

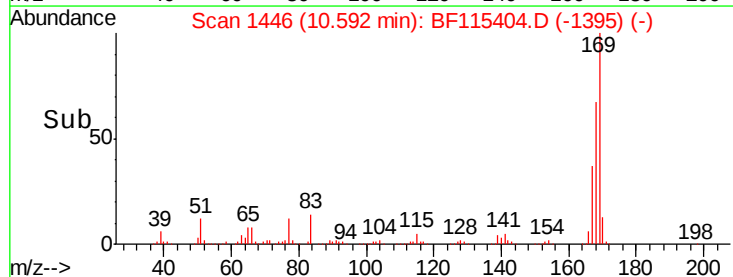
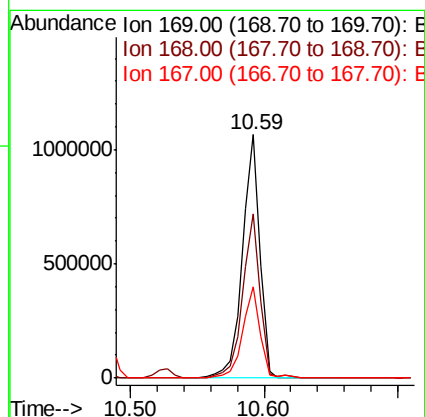
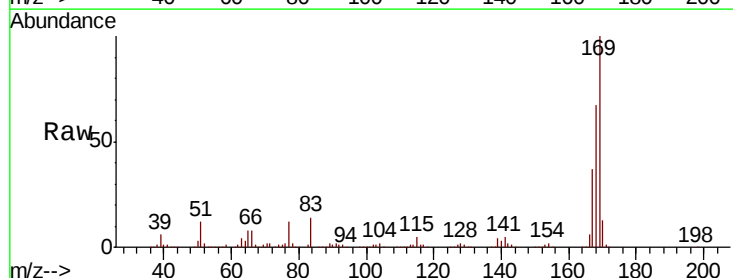
Instrument :
 BNA_F
 ClientSampleId :

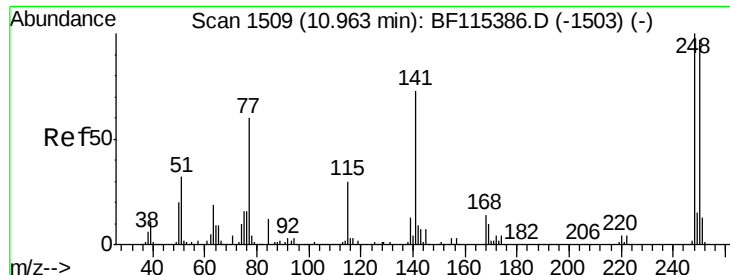
Tot Ion:198 Resp: 171337
 Ion Ratio Lower Upper
 198 100
 51 35.8 28.1 68.1
 105 41.2 29.4 69.4



#66
 n-Nitrosodiphenylamine
 Concen: 45.718 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion:169 Resp: 966511
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.6 80.4
 167 37.3 29.5 44.3

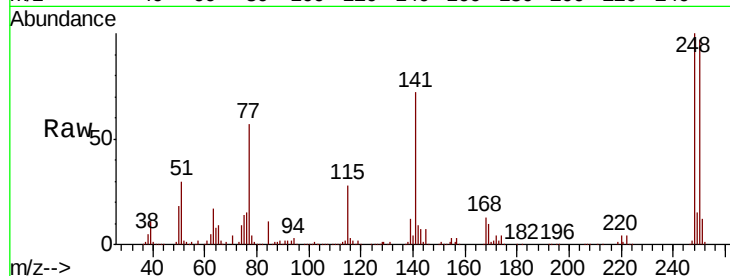




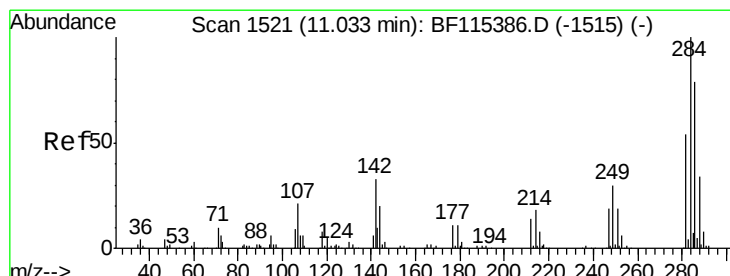
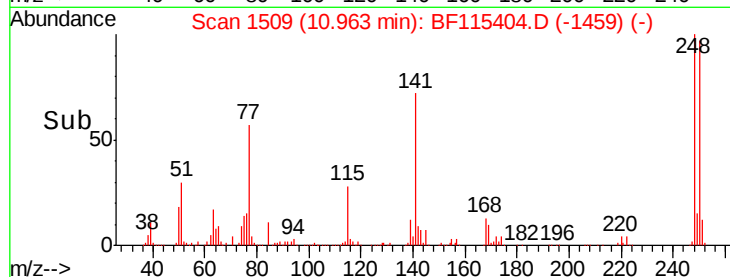
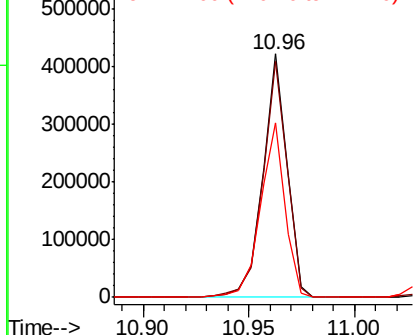
#67
4-Bromophenyl-phenylether
Concen: 44.703 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 336552
Ion Ratio Lower Upper
248 100
250 97.1 79.1 118.7
141 71.7 49.4 74.2

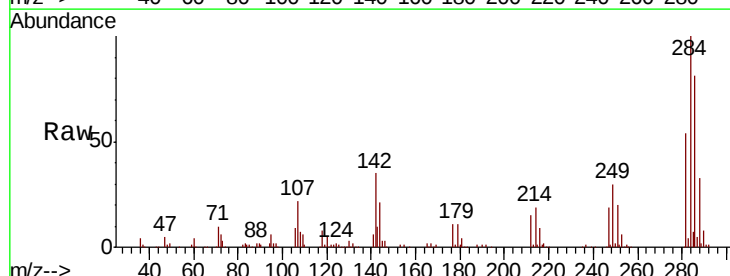


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

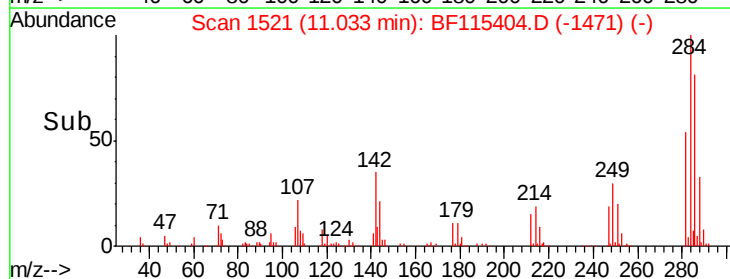
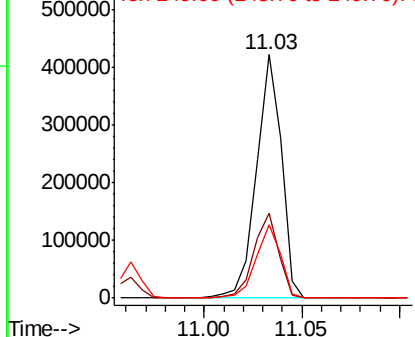


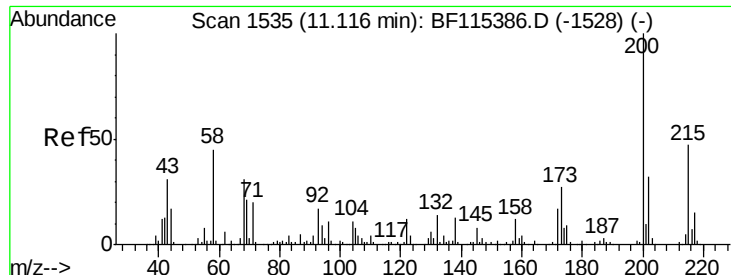
#68
Hexachlorobenzene
Concen: 44.358 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:284 Resp: 374738
Ion Ratio Lower Upper
284 100
142 34.7 25.0 37.6
249 30.4 24.0 36.0



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

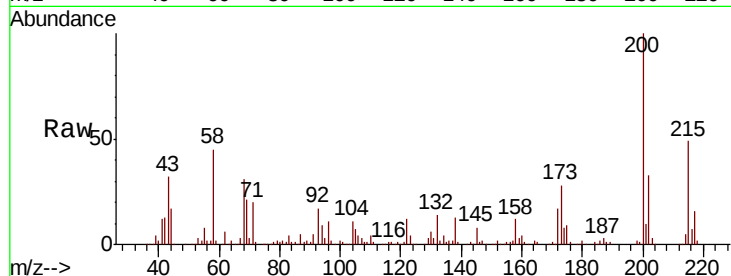




#69
Atrazine
Concen: 48.171 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.8	46.8
215	48.8	27.8	67.8

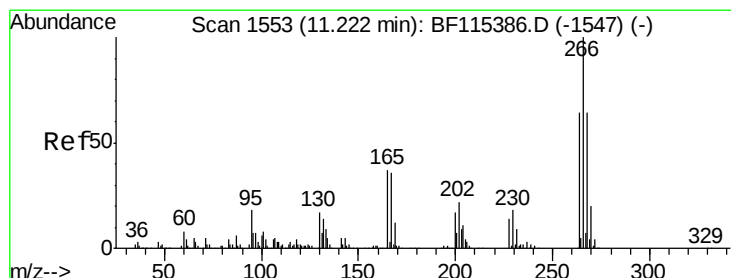
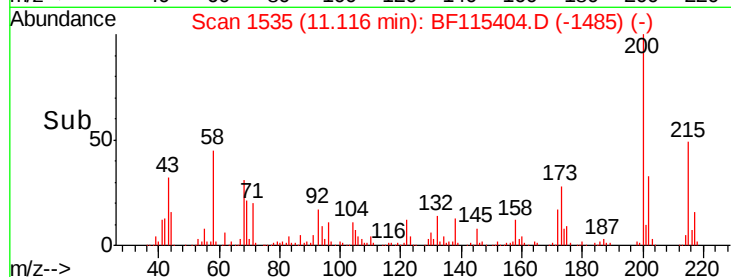
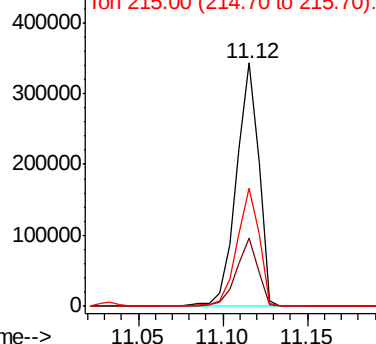


Abundance

Ion 200.00 (199.70 to 200.70): E

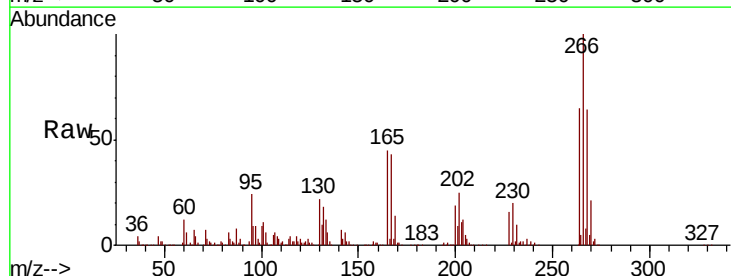
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.219 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.4	77.0
264	65.1	51.8	77.6

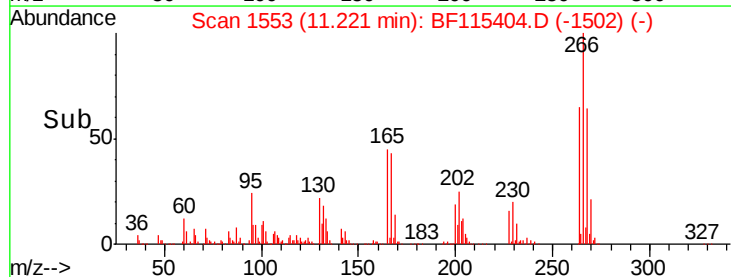
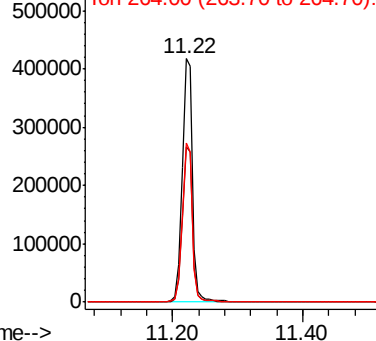


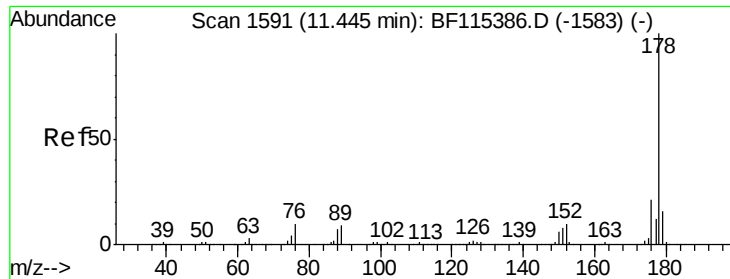
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

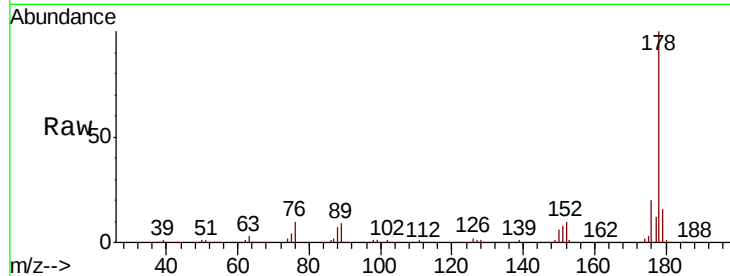




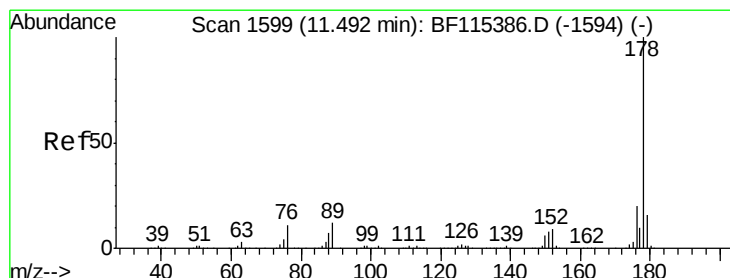
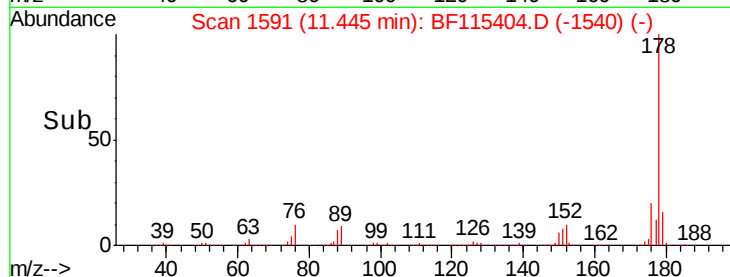
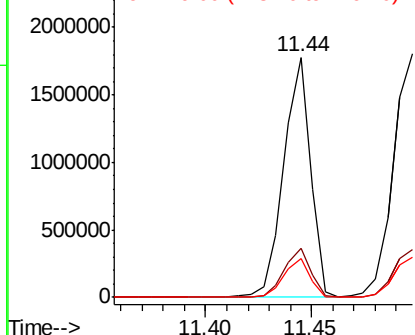
#71
Phenanthrene
Concen: 45.056 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1589902
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 16.1 13.0 19.6

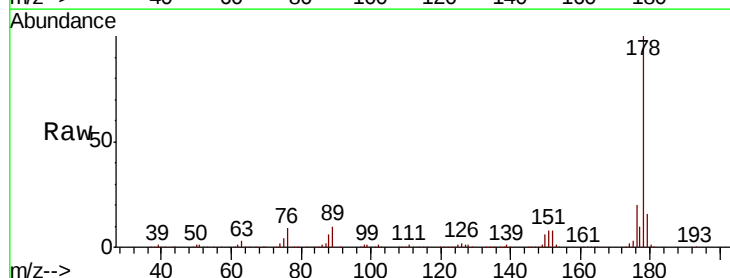


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

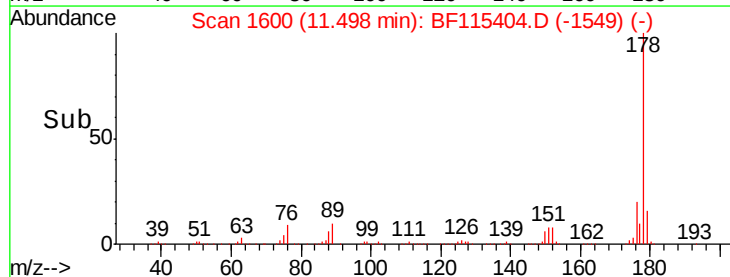
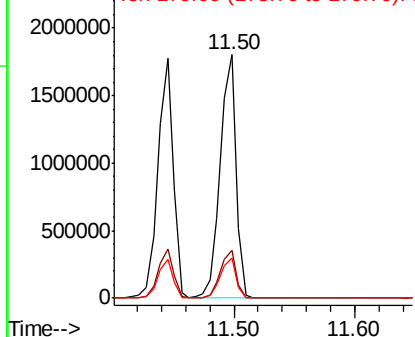


#72
Anthracene
Concen: 45.928 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:178 Resp: 1625173
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

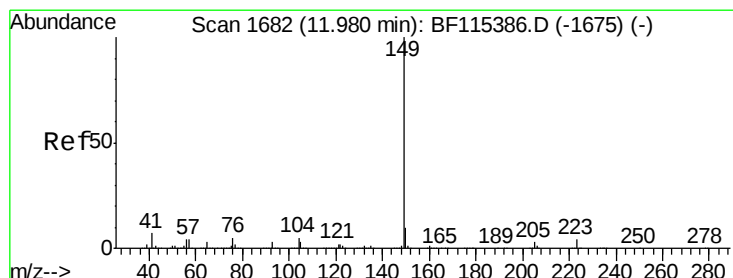
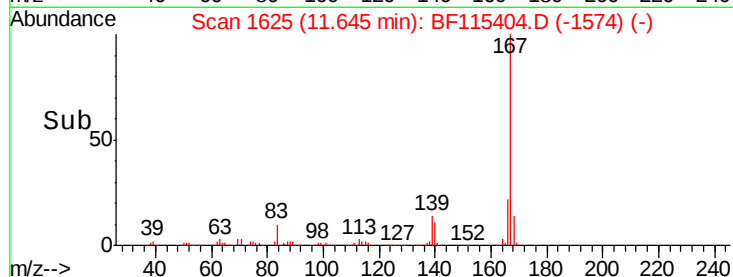
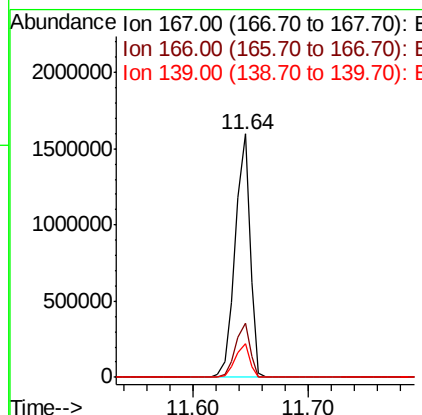
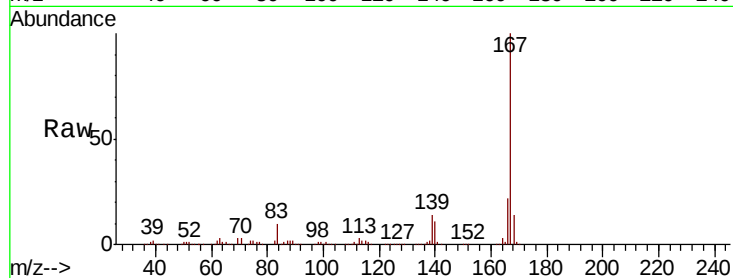




#73
 Carbazole
 Concen: 44.258 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

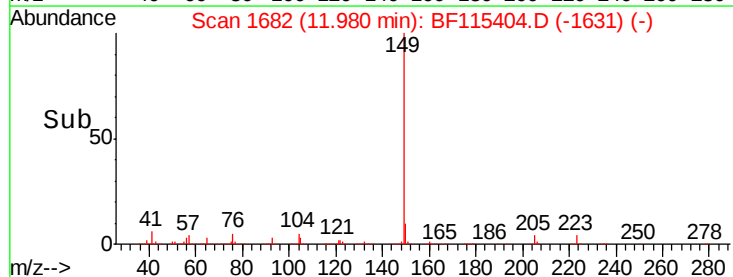
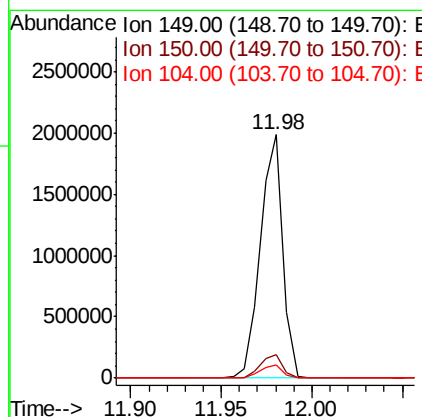
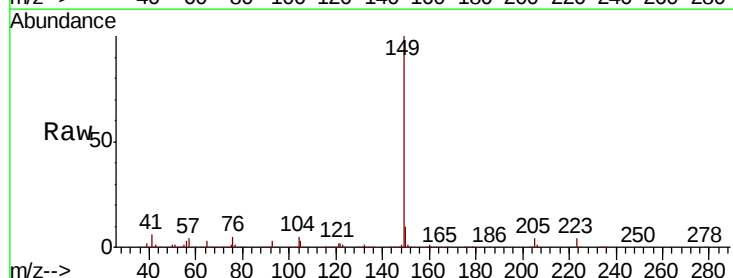
Instrument :
 BNA_F
 ClientSampleId :

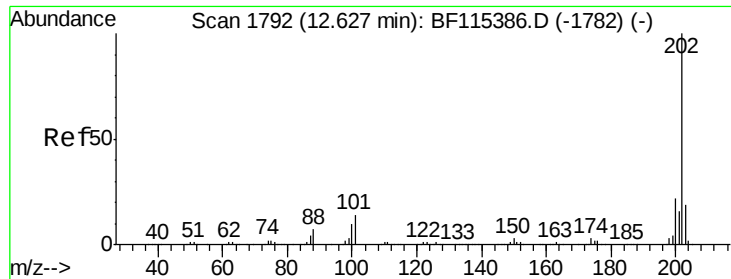
Tot Ion:167 Resp: 1432703
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 43.665 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion:149 Resp: 1708327
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.2 12.2
 104 5.2 4.4 6.6





#75

Fluoranthene

Concen: 44.661 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

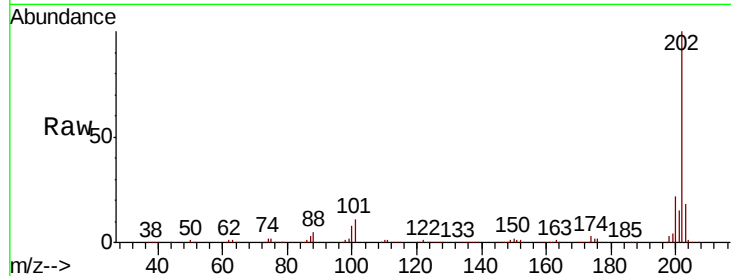
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1659339

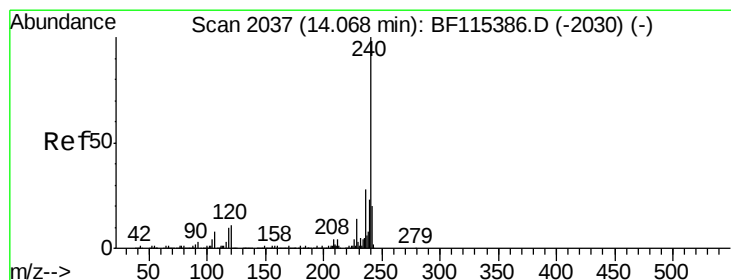
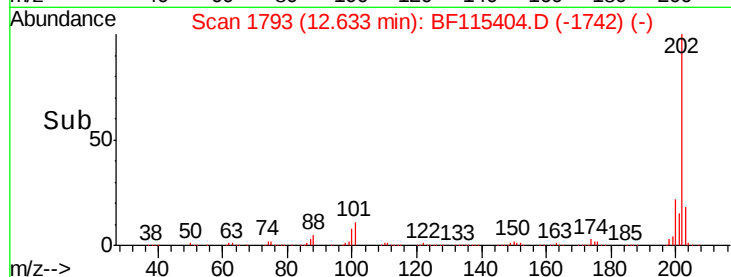
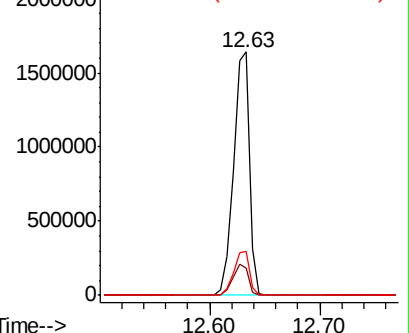
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.3
203	18.2	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

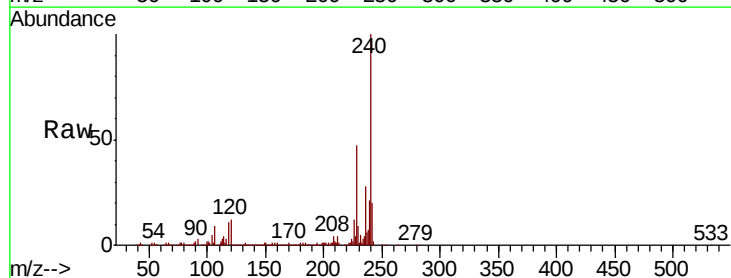
Delta R.T. -0.01 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Tgt Ion:240 Resp: 459608

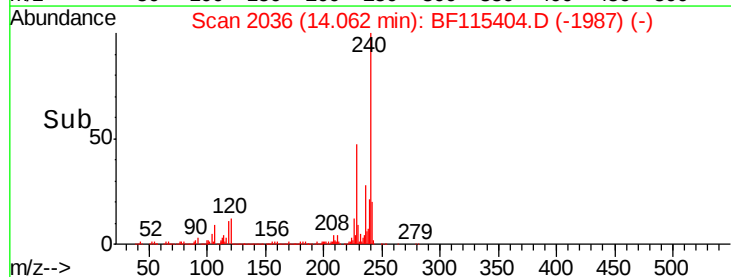
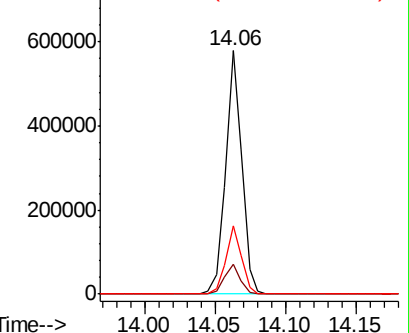
Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.5	15.7
236	27.9	21.1	31.7

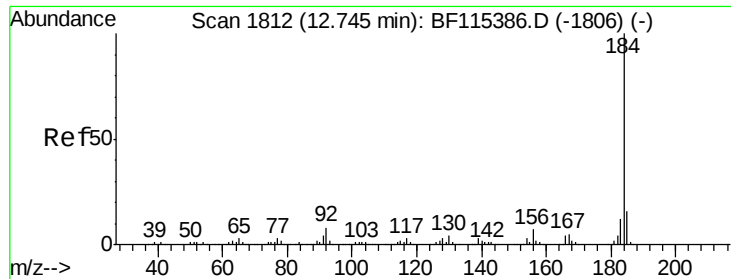


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.503 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

Instrument :

BNA_F

ClientSampled :

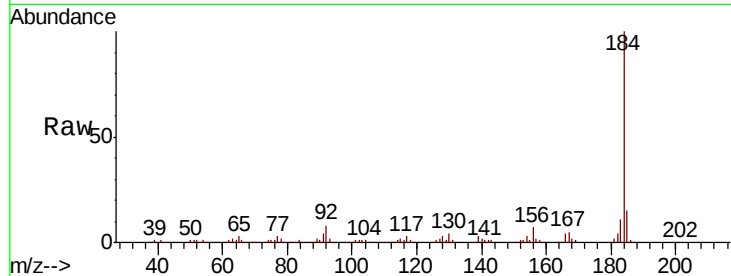
Tot Ion:184 Resp: 779695

Ion Ratio Lower Upper

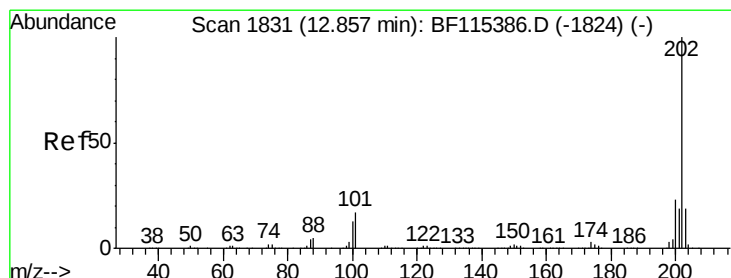
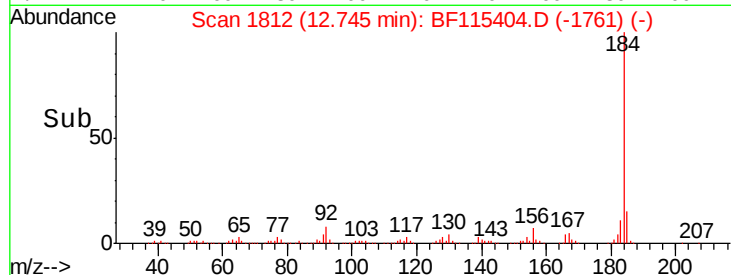
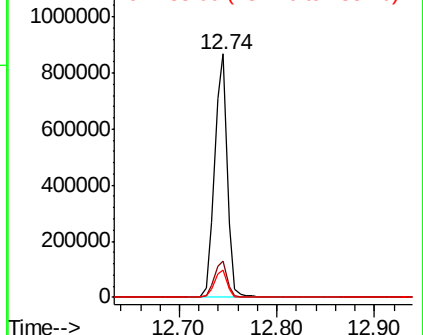
184 100

185 15.1 12.5 18.7

183 11.4 9.5 14.3



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: 46.692 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF115404.D

Acq: 8 Jul 2019 14:08

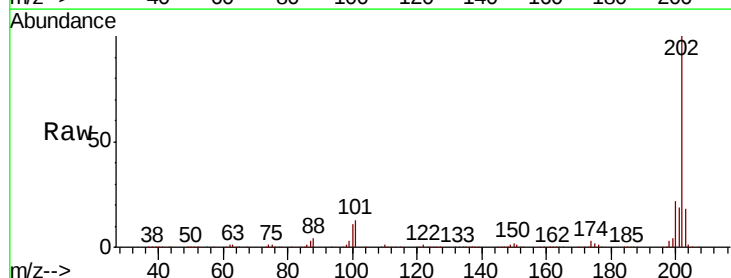
Tgt Ion:202 Resp: 1668835

Ion Ratio Lower Upper

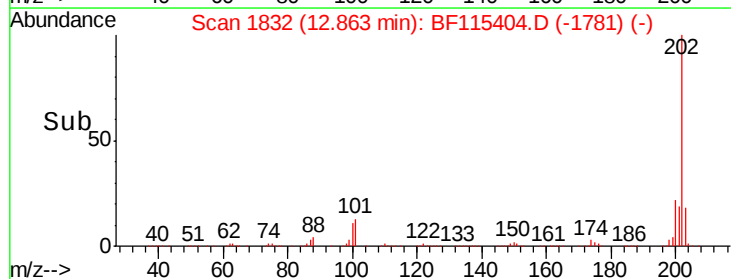
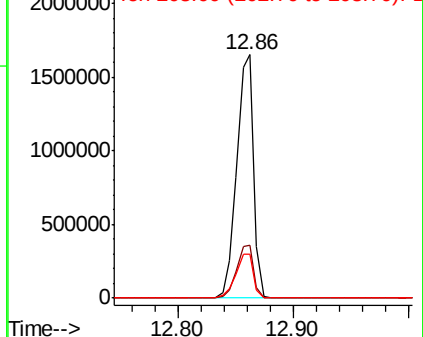
202 100

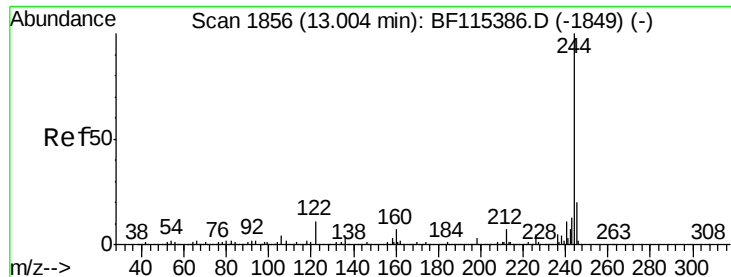
200 21.9 18.5 27.7

203 18.3 15.1 22.7



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

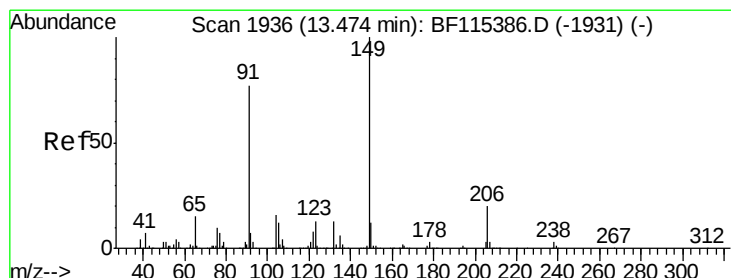
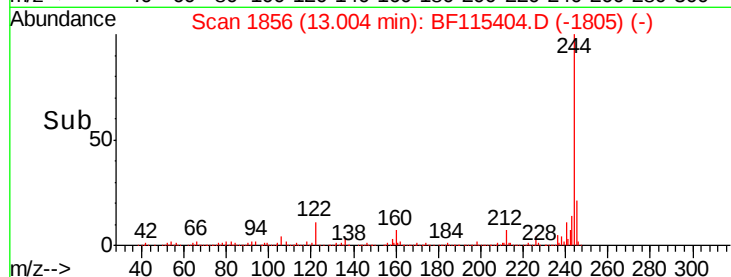
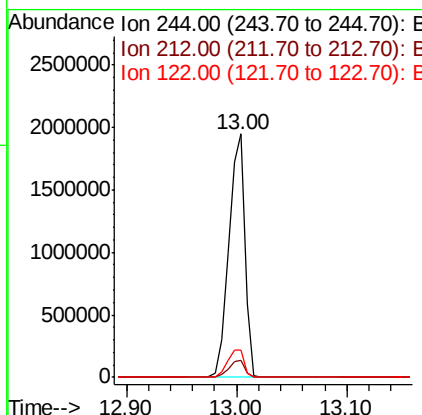
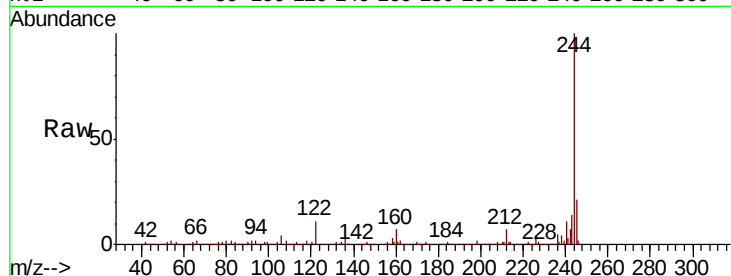




#79
 Terphenyl-d14
 Concen: 88.514 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

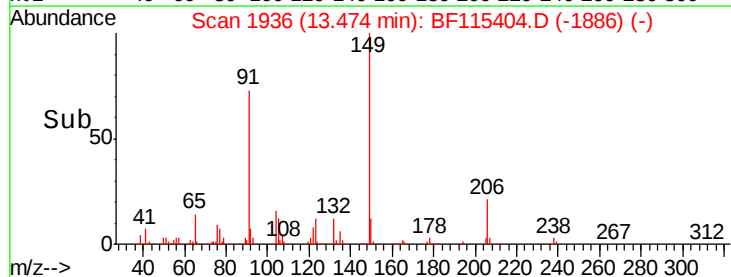
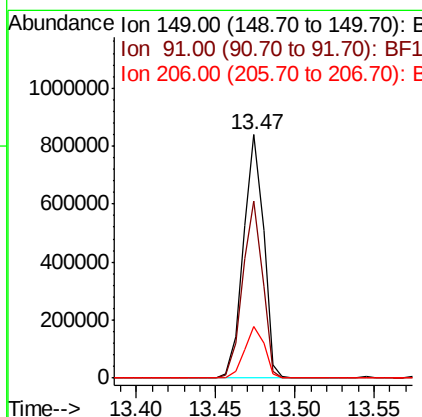
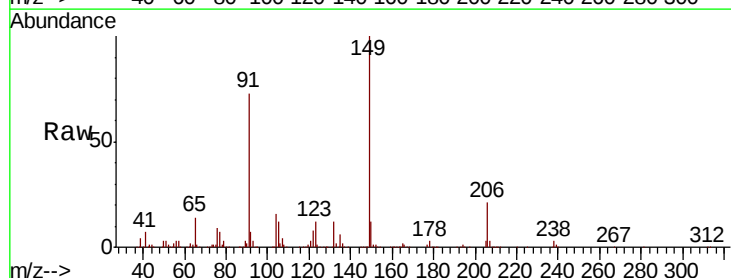
Instrument :
 BNA_F
 ClientSampleId :

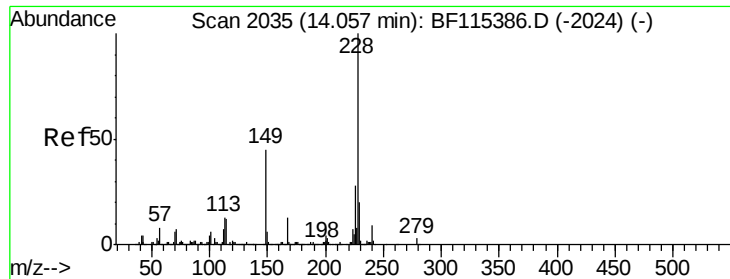
Tot Ion:244 Resp: 1986898
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.3 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 46.823 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion:149 Resp: 731192
 Ion Ratio Lower Upper
 149 100
 91 72.8 58.1 87.1
 206 21.2 17.4 26.0

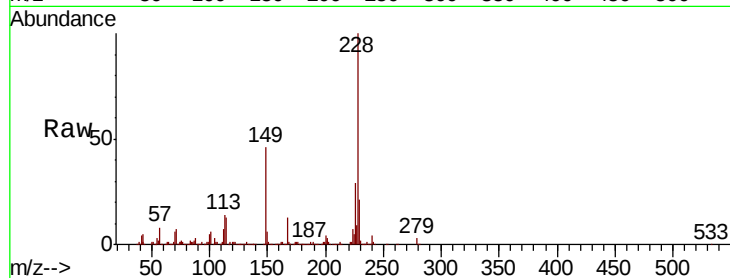




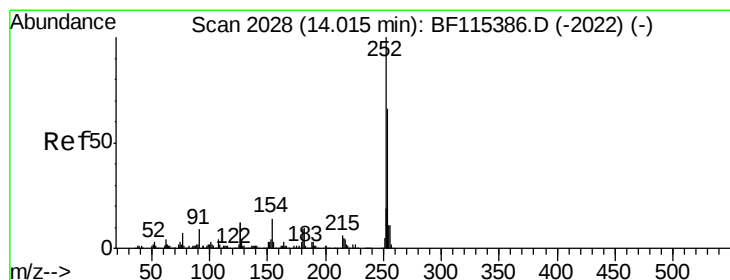
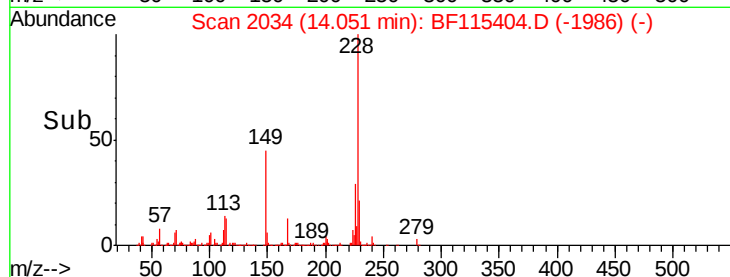
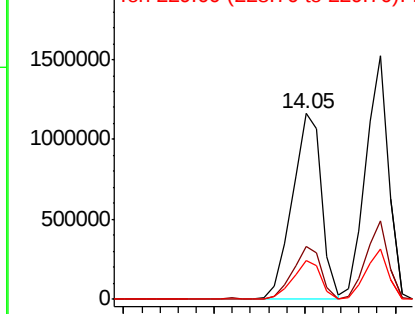
#81
Benzo(a)anthracene
Concen: 44.689 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1316034
Ion Ratio Lower Upper
228 100
226 28.5 23.2 34.8
229 20.8 16.4 24.6

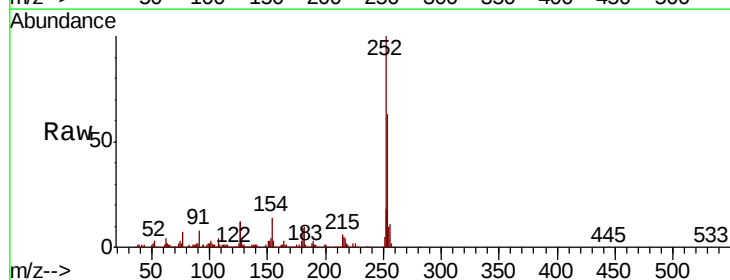


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

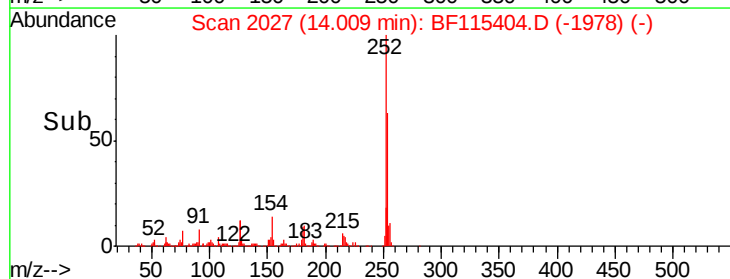
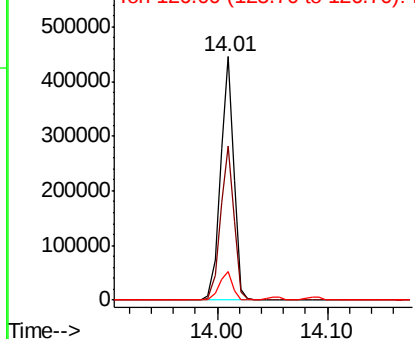


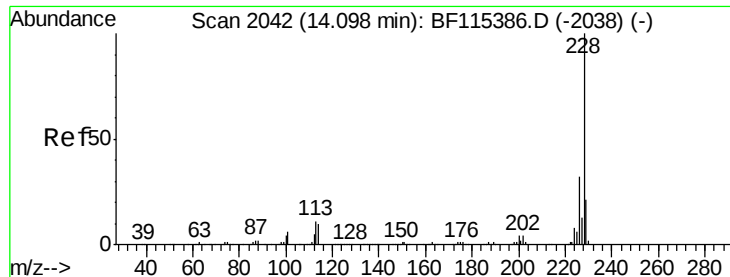
#82
3,3'-Dichlorobenzidine
Concen: 34.860 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:252 Resp: 372501
Ion Ratio Lower Upper
252 100
254 63.3 52.2 78.4
126 11.6 10.7 16.1



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

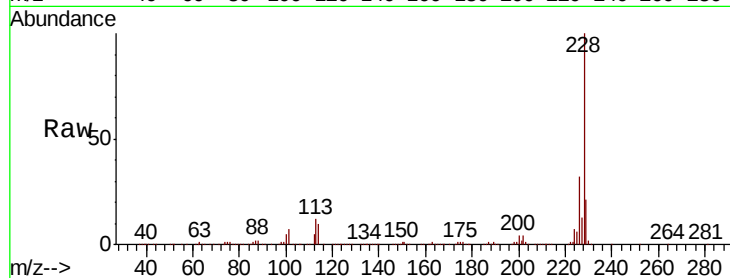




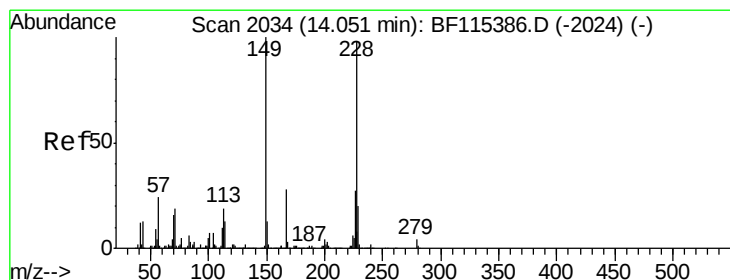
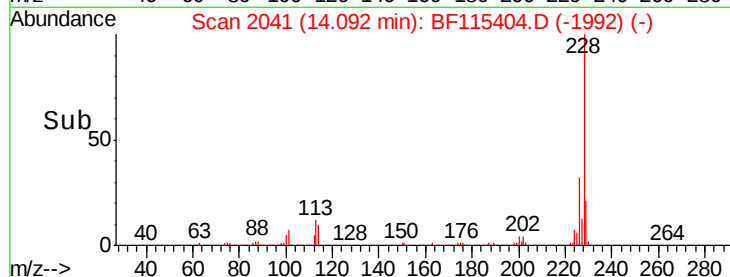
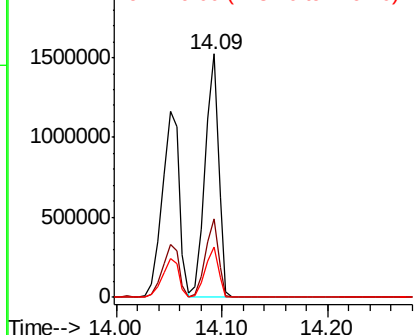
#83
 Chrvsene
 Concen: 44.607 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1349709
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.7 38.5
 229 20.8 16.6 24.8

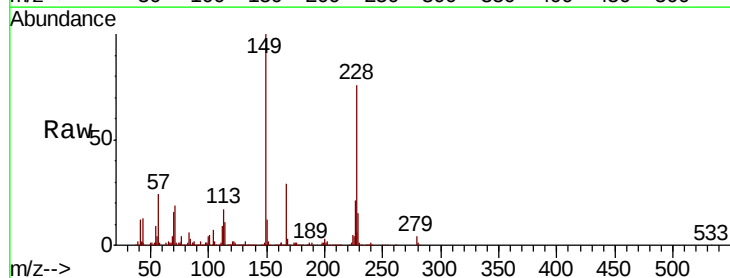


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

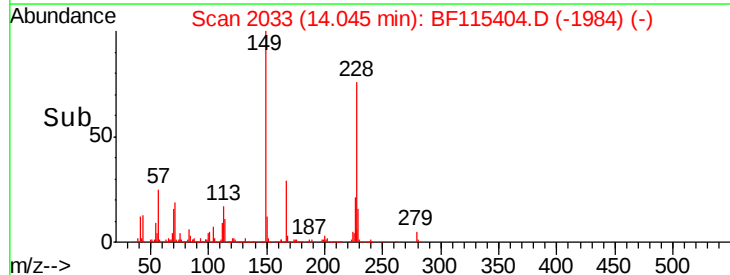
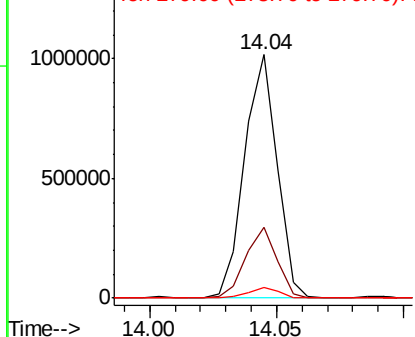


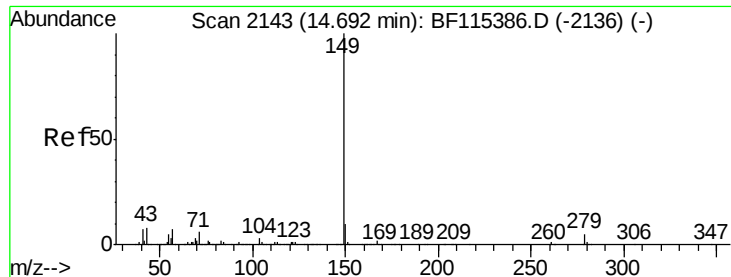
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.726 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115404.D
 Acq: 8 Jul 2019 14:08

Tgt Ion:149 Resp: 903636
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.6 33.8
 279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

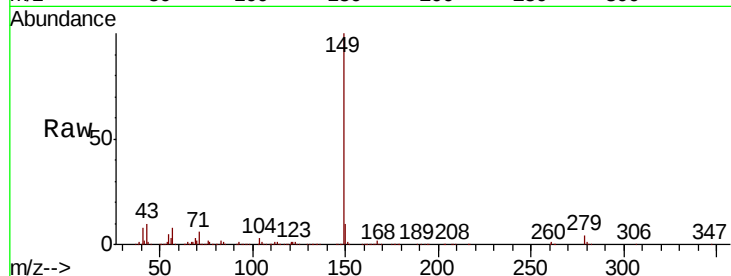




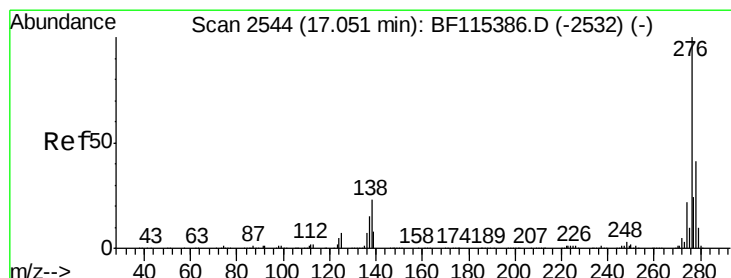
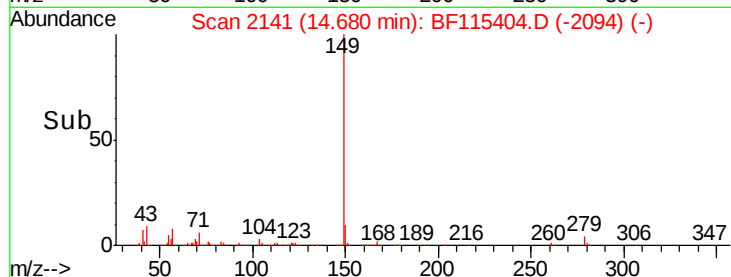
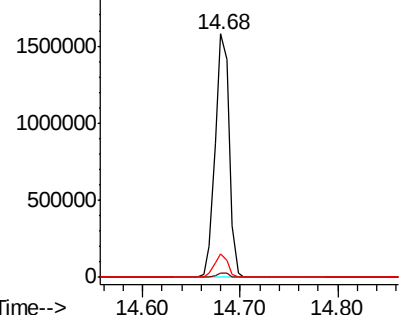
#85
Di-n-octyl phthalate
Concen: 45.590 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1569555
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.4 11.0

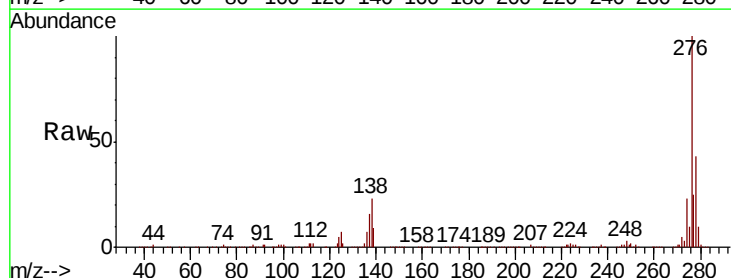


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

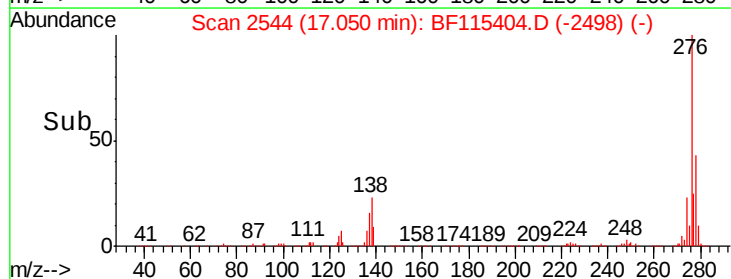
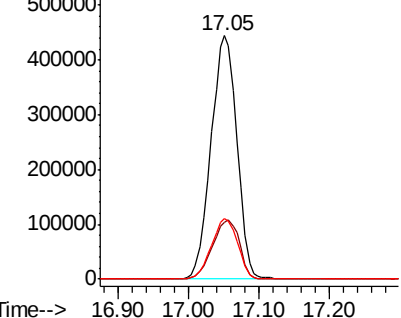


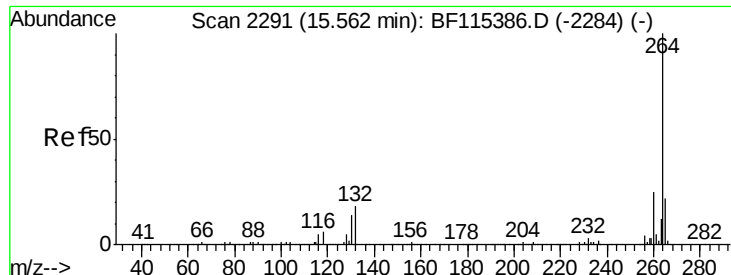
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.680 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.03 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:276 Resp: 1129833
Ion Ratio Lower Upper
276 100
138 25.4 20.4 30.6
277 25.4 20.2 30.2



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

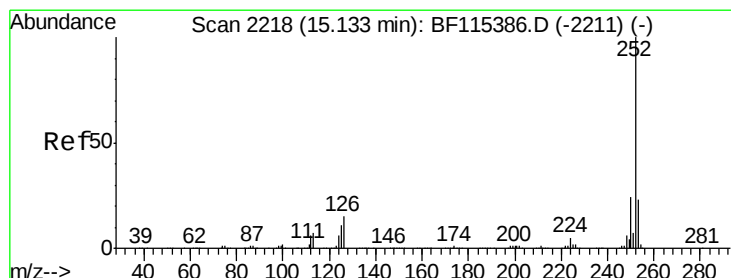
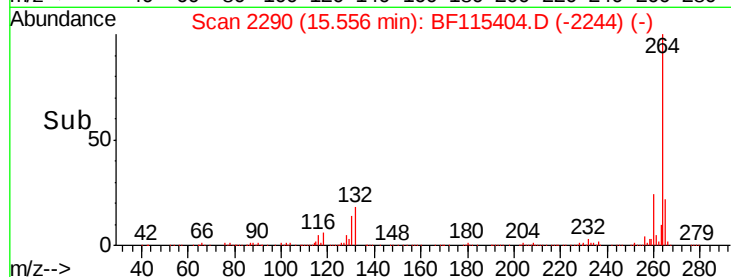
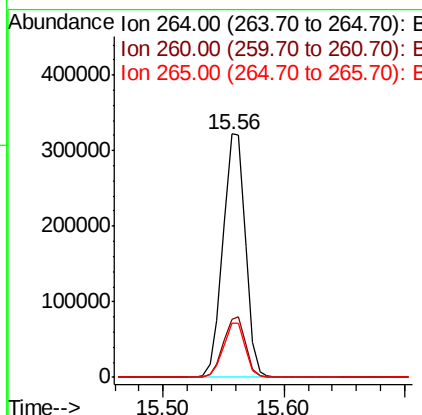
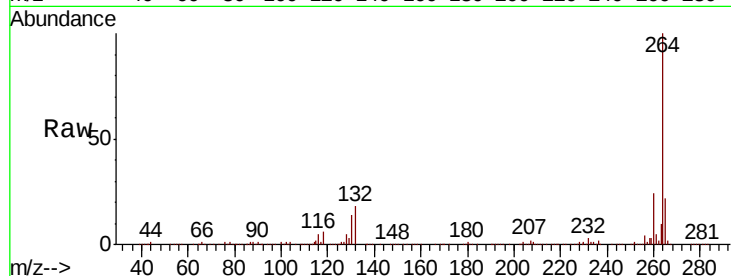




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.03 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

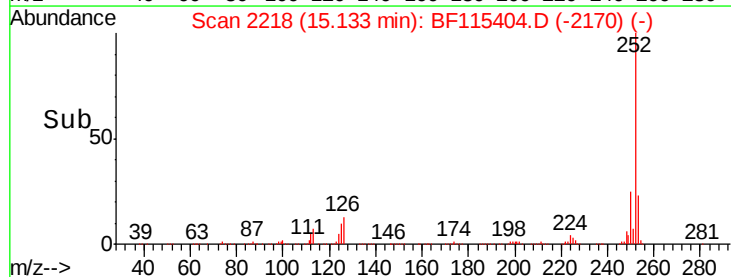
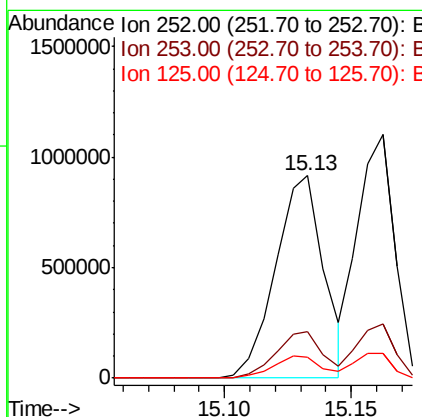
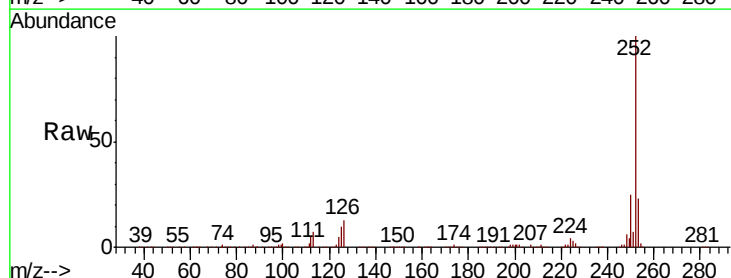
Instrument :
BNA_F
ClientSampleId :

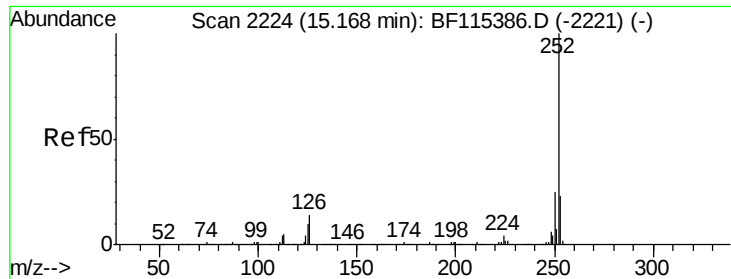
Tot Ion:264 Resp: 415010
Ion Ratio Lower Upper
264 100
260 23.8 20.3 30.5
265 22.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 44.994 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:252 Resp: 1215783
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 10.1 9.0 13.4

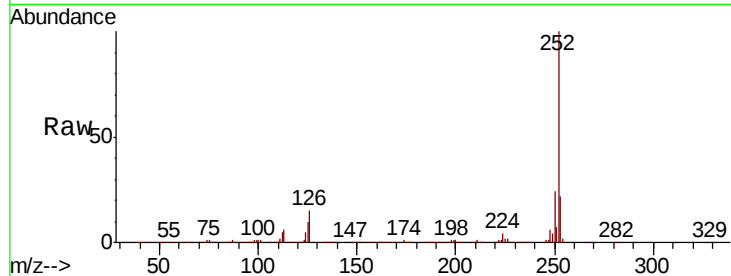




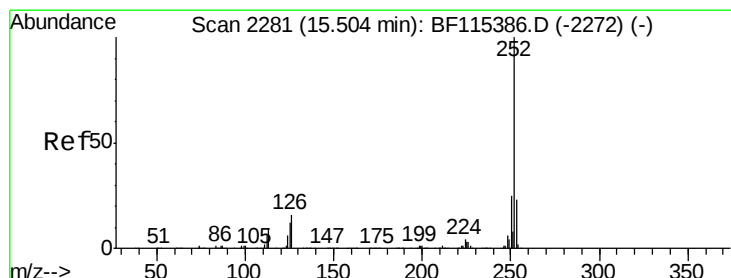
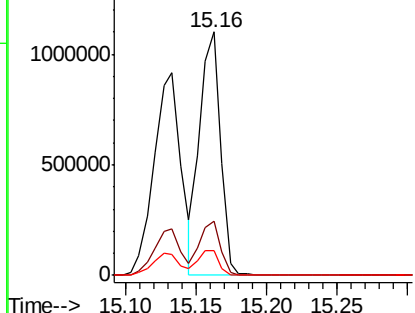
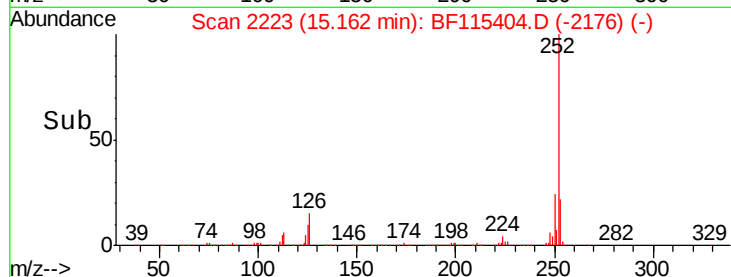
#89
Benzo(k)fluoranthene
Concen: 46.885 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1126676
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.1 8.2 12.4

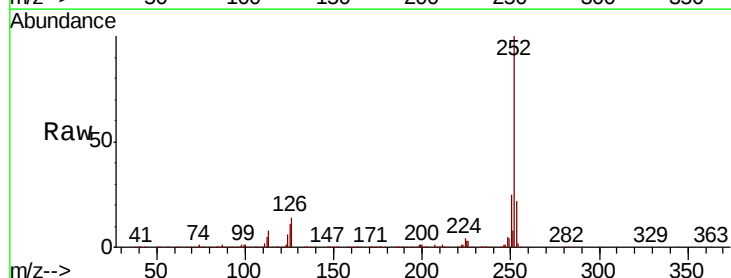


Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

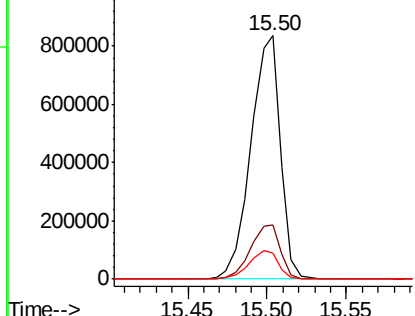
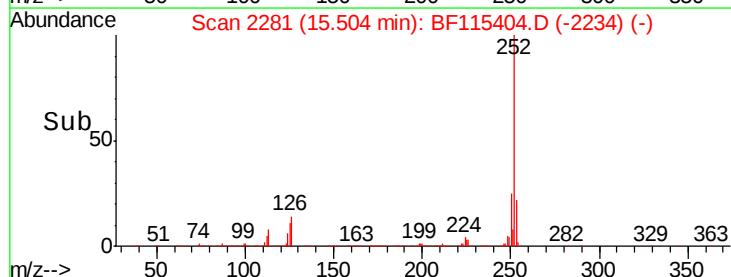


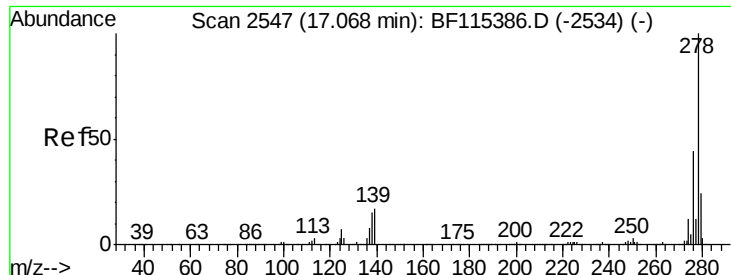
#90
Benzo(a)pyrene
Concen: 46.545 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion:252 Resp: 1084759
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.9 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

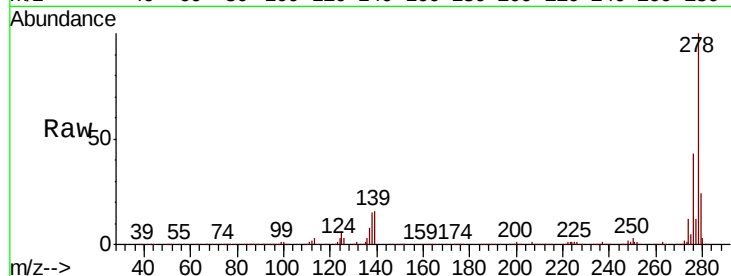




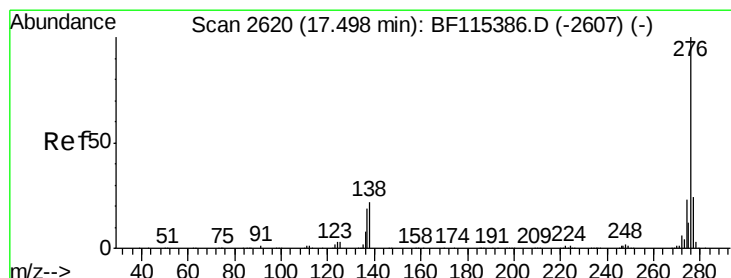
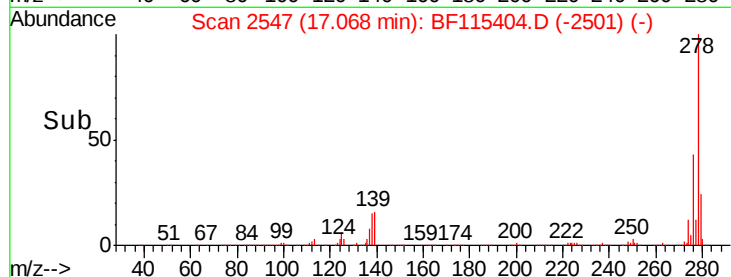
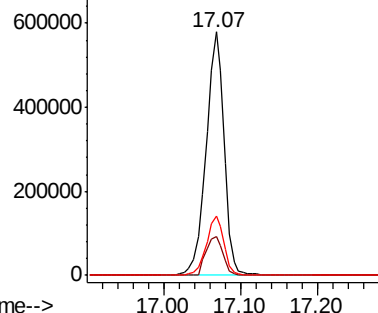
#91
Dibenzo(a,h)anthracene
Concen: 47.664 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.03 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.4	20.2
279	24.2	20.0	30.0

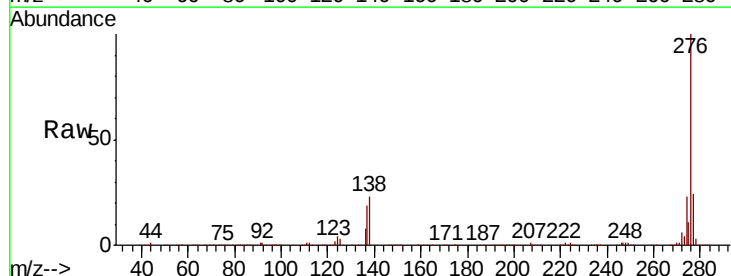


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.682 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF115404.D
Acq: 8 Jul 2019 14:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	22.6	17.6	26.4



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

