

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114788.D
 Acq On : 4 Jun 2019 11:19
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 13:11:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 13:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	359615	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1455899	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	731527	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1437640	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1070692	20.00	ng	0.00
87) Perylene-d12	15.17	264	1168713	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	496411	26.10	ng	0.00
7) Phenol-d6	6.29	99	616497	26.79	ng	-0.02
23) Nitrobenzene-d5	7.22	82	546452	23.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	188309	25.44	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1200911	29.59	ng	0.00
79) Terphenyl-d14	12.74	244	1250966	21.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	107461	11.667	ng	99
3) Pyridine	2.97	79	272990	10.604	ng	98
4) n-Nitrosodimethylamine	2.89	42	99344	10.330	ng	98
6) Aniline	6.32	93	417398	12.192	ng	95
8) 2-Chlorophenol	6.45	128	276373	12.042	ng	96
9) Benzaldehyde	6.20	77	210875	15.285	ng	99
10) Phenol	6.30	94	350242	12.823	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	255813	11.891	ng	98
12) 1,3-Dichlorobenzene	6.60	146	326513	12.302	ng	98
13) 1,4-Dichlorobenzene	6.68	146	331689	12.406	ng	98
14) 1,2-Dichlorobenzene	6.83	146	316827	13.127	ng	98
15) Benzyl Alcohol	6.80	79	226532	12.446	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	359564	11.569	ng	98
17) 2-Methylphenol	6.92	107	223002	11.421	ng	99
18) Hexachloroethane	7.18	117	118587	11.777	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	183048	11.460	ng	97
20) 3+4-Methylphenols	7.07	107	284398	13.173	ng	# 72
22) Acetophenone	7.07	105	389563	12.632	ng	# 97
24) Nitrobenzene	7.24	77	278142	11.748	ng	99
25) Isophorone	7.48	82	511400	11.244	ng	96
26) 2-Nitrophenol	7.56	139	133802	10.444	ng	# 91
27) 2,4-Dimethylphenol	7.60	122	227439	11.587	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	341286	11.685	ng	97
29) 2,4-Dichlorophenol	7.80	162	237060	11.460	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	281131	11.888	ng	96
31) Naphthalene	7.97	128	851146	13.448	ng	96
32) Benzoic acid	7.68	122	113619	8.122	ng	99
33) 4-Chloroaniline	8.02	127	367783	11.963	ng	98
34) Hexachlorobutadiene	8.10	225	161428	11.991	ng	99
35) Caprolactam	8.35	113	74145	11.143	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	237760	11.638	ng	100
37) 2-Methylnaphthalene	8.66	142	574794	13.040	ng	98
38) 1-Methylnaphthalene	8.75	142	546557	13.083	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	258063	12.668	ng	99

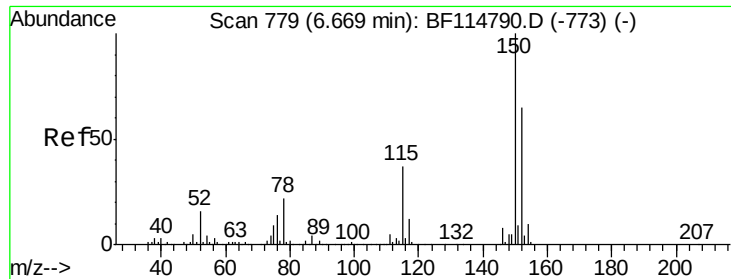
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
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Quant Time: Jun 04 13:11:51 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 13:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	133999	10.554	nq	97
43) 2,4,6-Trichlorophenol	8.93	196	181104	11.388	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	182540	11.567	nq	96
46) 1,1'-Biphenyl	9.12	154	718775	13.751	nq	95
47) 2-Chloronaphthalene	9.14	162	576554	13.038	nq	96
48) 2-Nitroaniline	9.23	65	150840	11.319	nq	93
49) Acenaphthylene	9.55	152	885309	13.716	nq	95
50) Dimethylphthalate	9.42	163	655494	12.628	nq	98
51) 2,6-Dinitrotoluene	9.47	165	138875	11.532	nq	95
52) Acenaphthene	9.73	154	544401	12.975	nq	98
53) 3-Nitroaniline	9.63	138	166883	11.632	nq	91
54) 2,4-Dinitrophenol	9.74	184	43813	7.706	nq	# 87
55) Dibenzofuran	9.89	168	779183	13.858	nq	95
56) 4-Nitrophenol	9.79	139	114723	11.060	nq	91
57) 2,4-Dinitrotoluene	9.87	165	178036	11.679	nq	87
58) Fluorene	10.23	166	587814	14.575	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	152208	11.819	nq	99
60) Diethylphthalate	10.12	149	662838	12.761	nq	97
61) 4-Chlorophenyl-phenylether	10.23	204	296281	14.256	nq	96
62) 4-Nitroaniline	10.24	138	158839	11.450	nq	95
63) Azobenzene	10.39	77	572859	12.855	nq	97
65) 4,6-Dinitro-2-methylphenol	10.27	198	63069	8.481	nq	93
66) n-Nitrosodiphenylamine	10.35	169	527537	12.489	nq	100
67) 4-Bromophenyl-phenylether	10.72	248	191392	12.053	nq	99
68) Hexachlorobenzene	10.78	284	211146	12.161	nq	# 93
69) Atrazine	10.87	200	176944	14.107	nq	98
70) Pentachlorophenol	10.97	266	103307	10.426	nq	99
71) Phenanthrene	11.19	178	922512	13.825	nq	96
72) Anthracene	11.24	178	933831	13.948	nq	95
73) Carbazole	11.39	167	813009	13.417	nq	95
74) Di-n-butylphthalate	11.74	149	1061986	13.748	nq	96
75) Fluoranthene	12.37	202	928861	13.844	nq	95
77) Benzidine	12.49	184	542571	12.818	nq	97
78) Pyrene	12.59	202	964597	10.795	nq	95
80) Butylbenzylphthalate	13.22	149	430301	9.367	nq	97
81) Benzo(a)anthracene	13.77	228	859328	10.752	nq	96
82) 3,3'-Dichlorobenzidine	13.74	252	326355	10.295	nq	100
83) Chrysene	13.81	228	842009	10.924	nq	97
84) Bis(2-ethylhexyl)phthalate	13.79	149	608708	10.574	nq	98
85) Di-n-octyl phthalate	14.40	149	1032039	10.554	nq	98
86) Indeno(1,2,3-cd)pyrene	16.47	276	849641	9.378	nq	99
88) Benzo(b)fluoranthene	14.79	252	802275	11.306	nq	97
89) Benzo(k)fluoranthene	14.79	252	802275	13.494	nq	96
90) Benzo(a)pyrene	15.11	252	738055	11.817	nq	98
91) Dibenzo(a,h)anthracene	16.49	278	703582	11.868	nq	98
92) Benzo(g,h,i)perylene	16.86	276	664515	11.086	nq	98

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

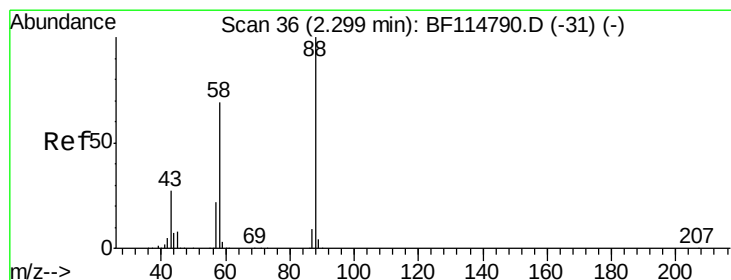
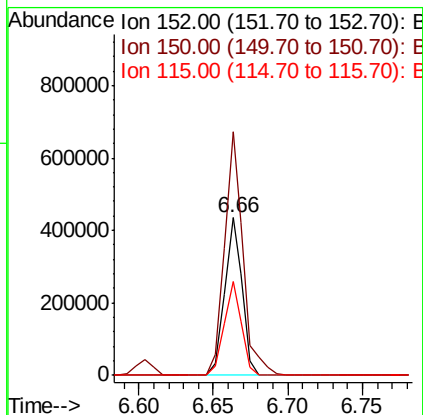
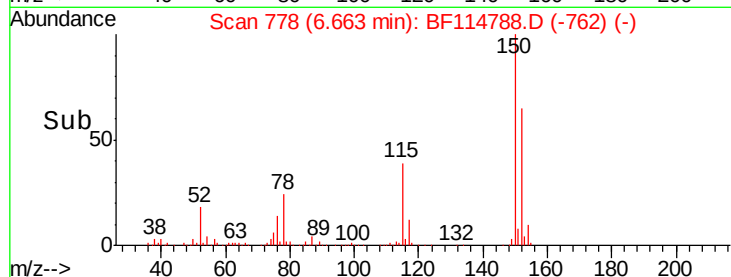
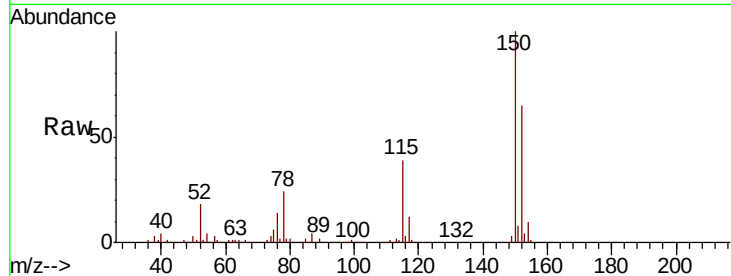


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

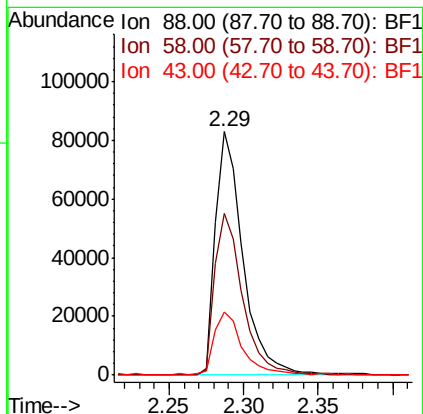
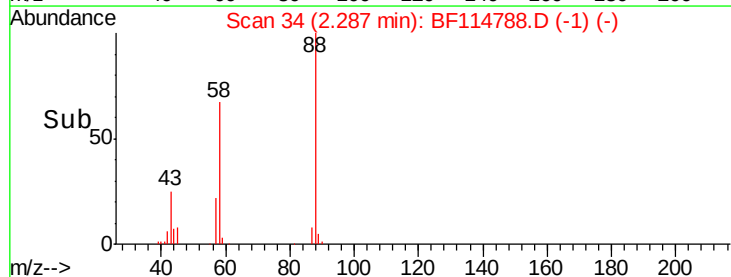
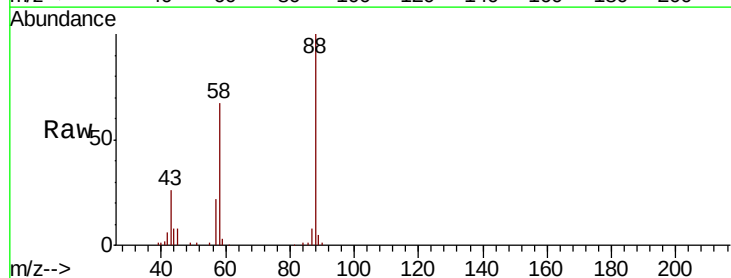
Tot Ion:152 Resp: 359615
Ion Ratio Lower Upper
152 100
150 154.7 124.0 186.0
115 59.6 46.3 69.5

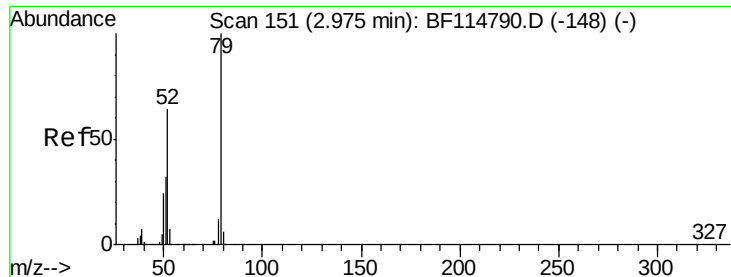


#2

1,4-Dioxane
Concen: 11.667 ng
RT: 2.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion: 88 Resp: 107461
Ion Ratio Lower Upper
88 100
58 67.1 53.8 80.8
43 26.6 20.7 31.1





#3

Pvridine

Concen: 10.604 ng

RT: 2.97 min Scan# 151

Delta R.T. -0.00 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

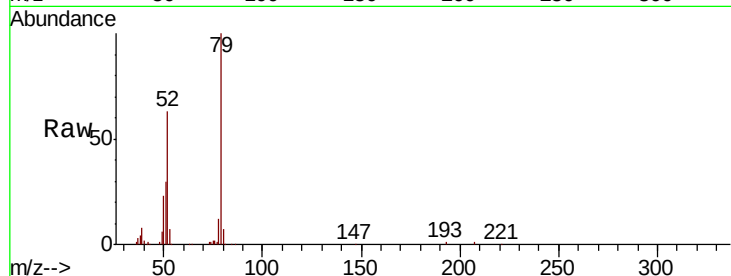
Tot Ion: 79 Resp: 272990

Ion Ratio Lower Upper

79 100

52 62.6 51.0 76.4

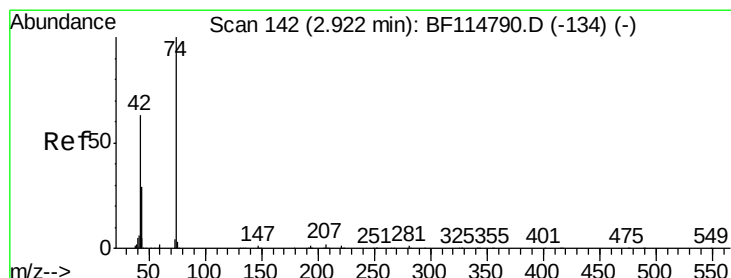
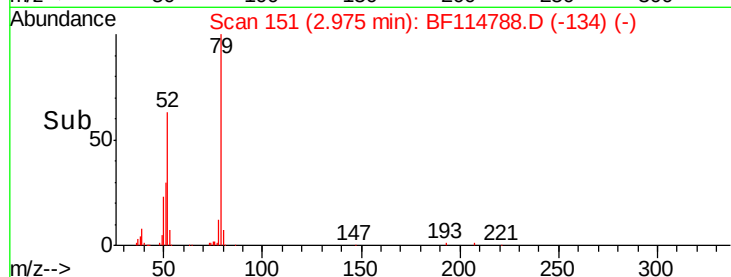
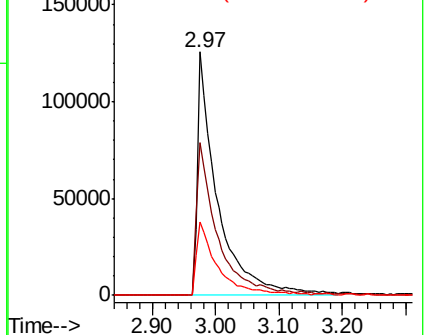
51 30.0 25.7 38.5



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: 10.330 ng

RT: 2.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

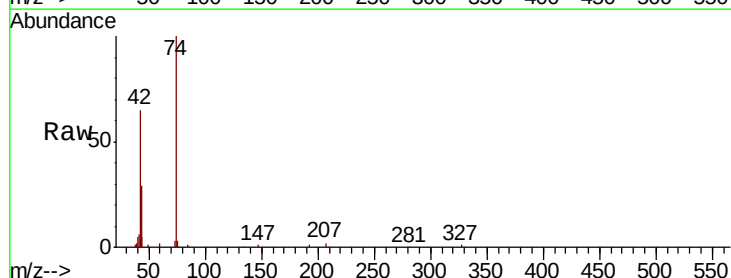
Tgt Ion: 42 Resp: 99344

Ion Ratio Lower Upper

42 100

74 154.9 126.2 189.2

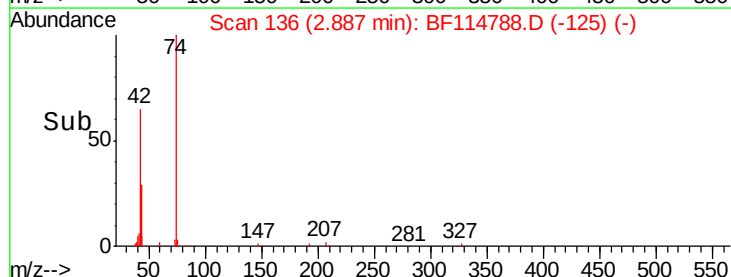
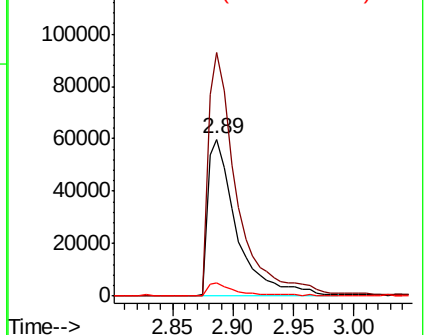
44 8.1 5.9 8.9

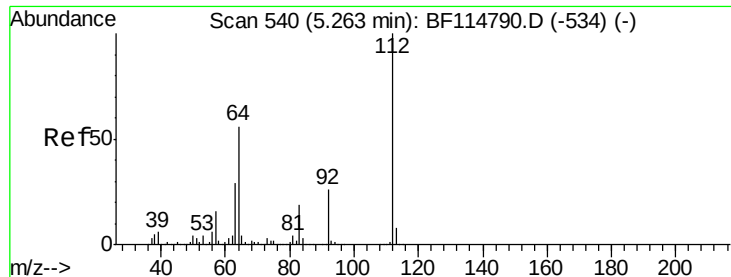


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 26.103 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

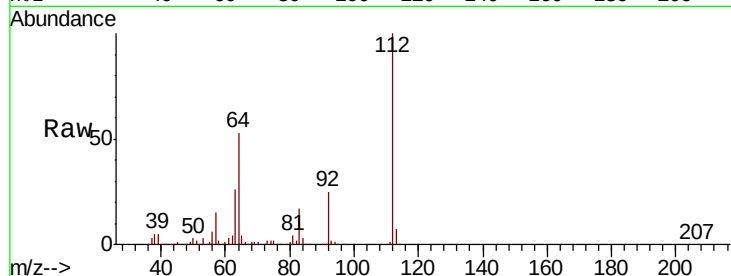
Tot Ion:112 Resp: 496411

Ion Ratio Lower Upper

112 100

64 52.5 44.6 66.8

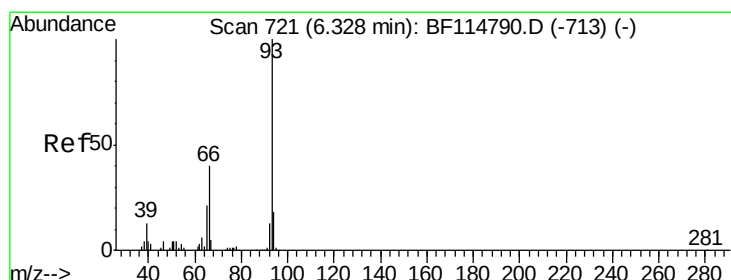
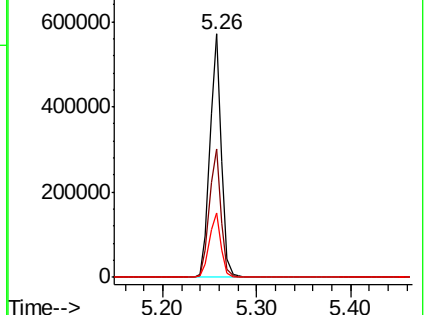
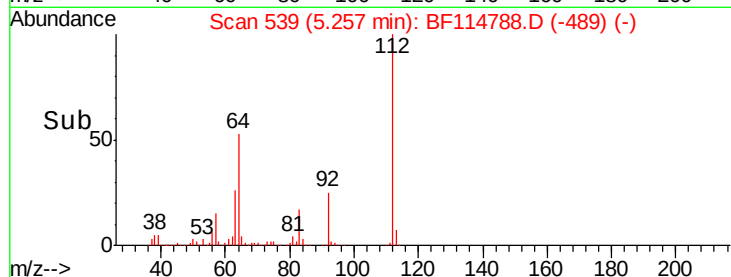
63 26.3 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.192 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

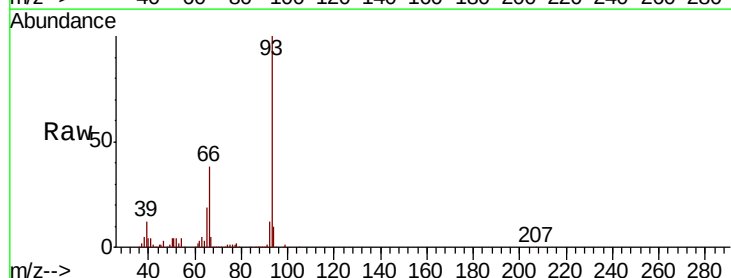
Tgt Ion: 93 Resp: 417398

Ion Ratio Lower Upper

93 100

66 38.1 32.8 49.2

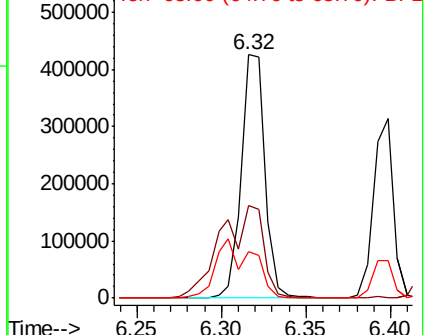
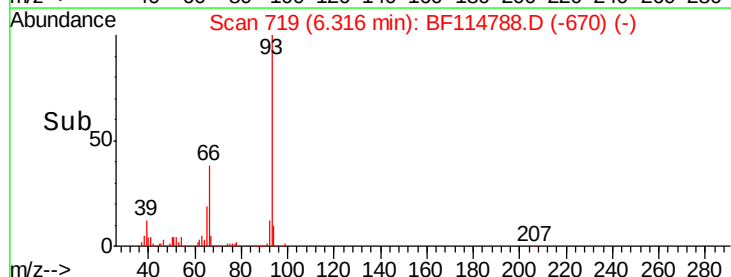
65 18.9 16.9 25.3

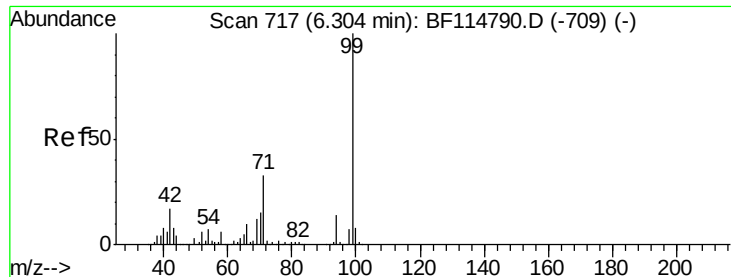


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 26.794 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

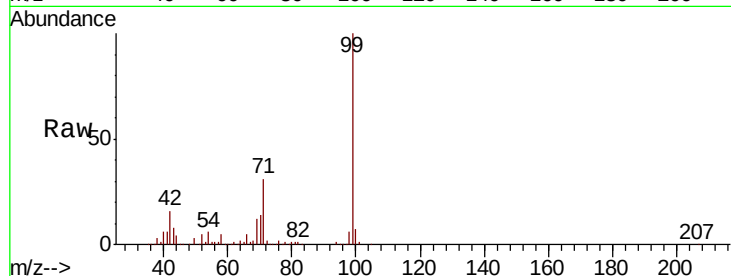
Tot Ion: 99 Resp: 616497

Ion Ratio Lower Upper

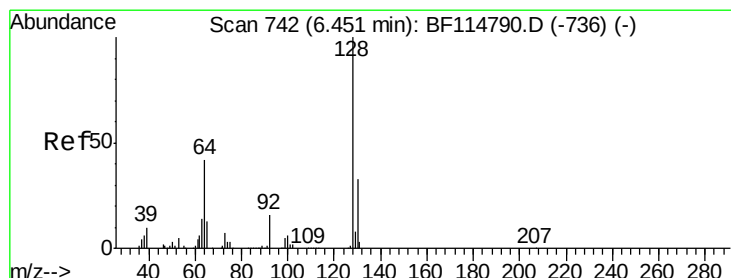
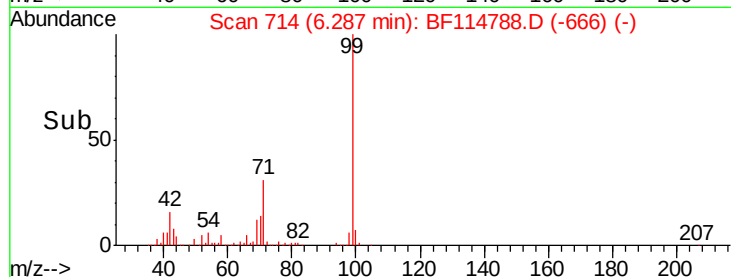
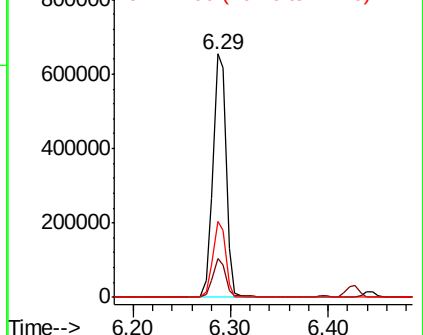
99 100

42 16.0 13.3 19.9

71 31.3 26.3 39.5



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: 12.042 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

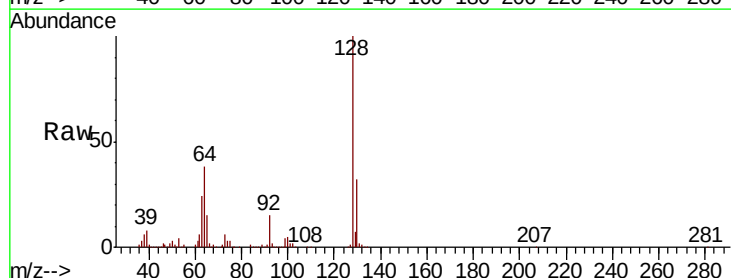
Tgt Ion: 128 Resp: 276373

Ion Ratio Lower Upper

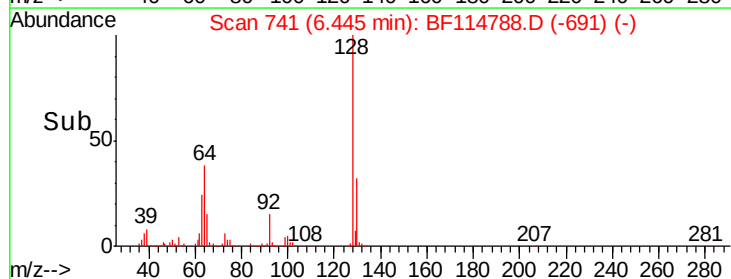
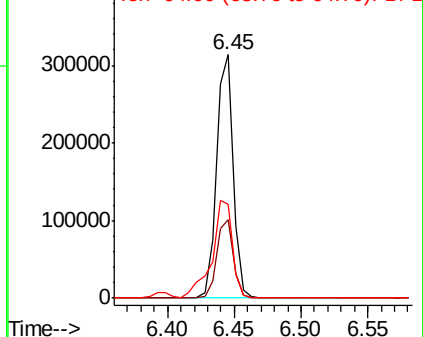
128 100

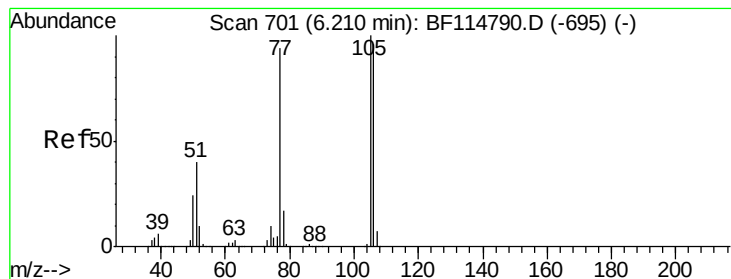
130 32.4 12.7 52.7

64 38.3 22.5 62.5



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: 15.285 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

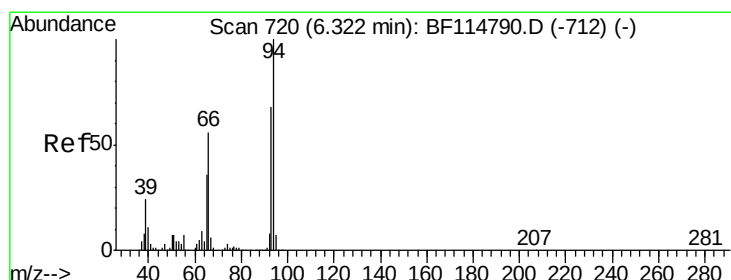
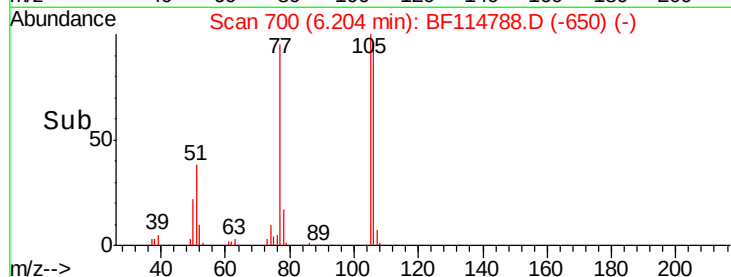
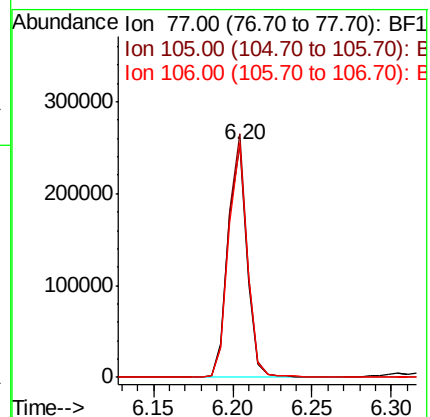
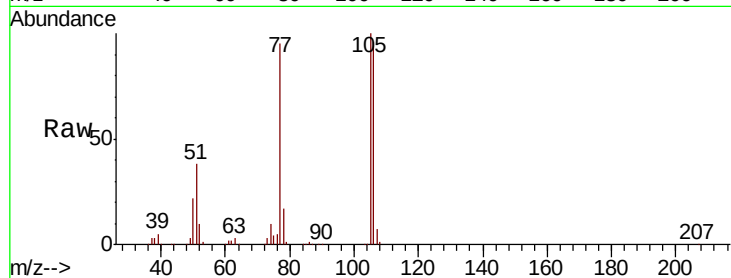
Tot Ion: 77 Resp: 210875

Ion Ratio Lower Upper

77 100

105 104.9 85.8 125.8

106 101.1 81.6 121.6



#10

Phenol

Concen: 12.823 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

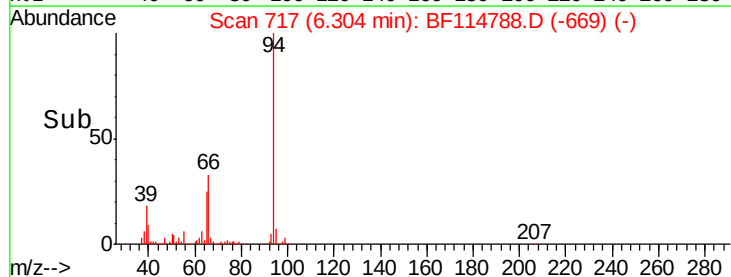
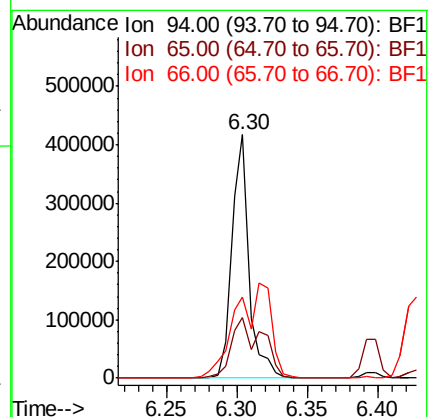
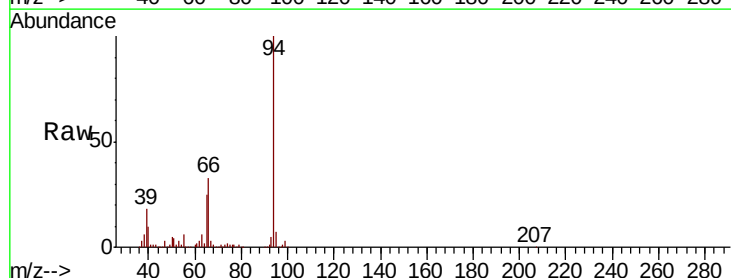
Tgt Ion: 94 Resp: 350242

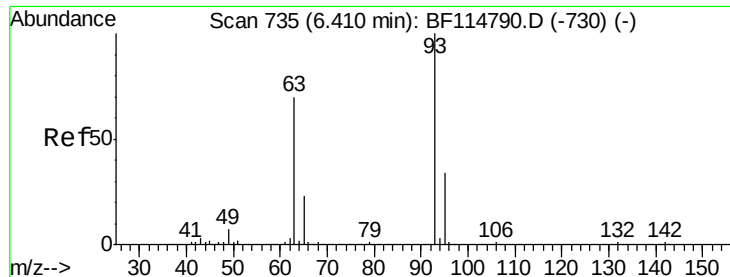
Ion Ratio Lower Upper

94 100

65 24.8 16.1 56.1

66 33.1 36.3 76.3#

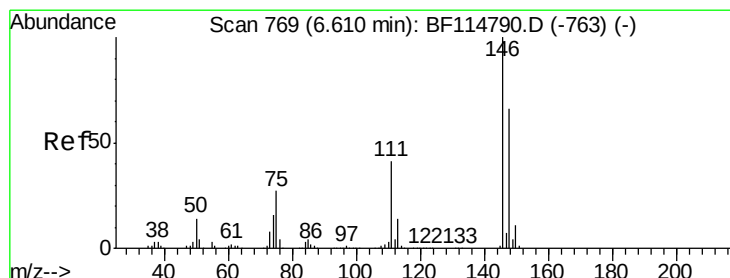
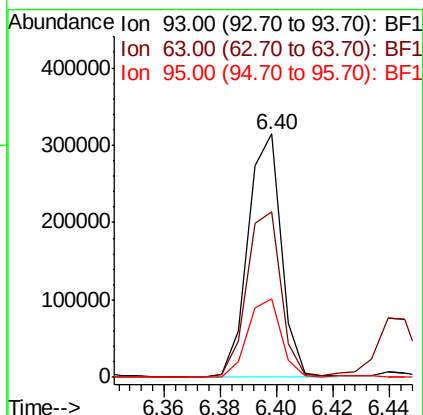
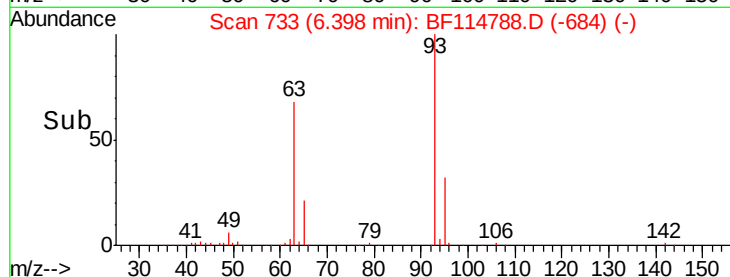
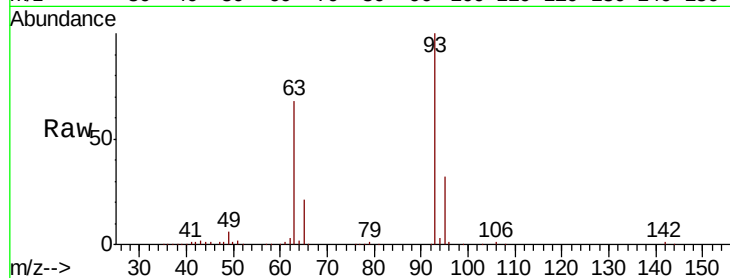




#11
bis(2-Chloroethyl)ether
Concen: 11.891 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

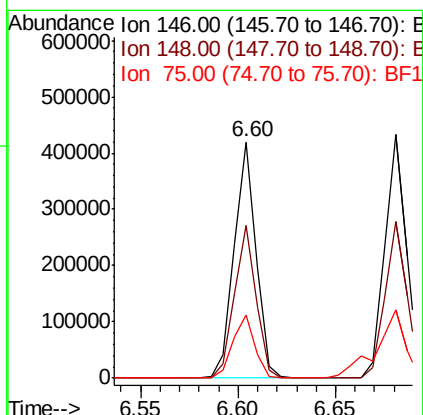
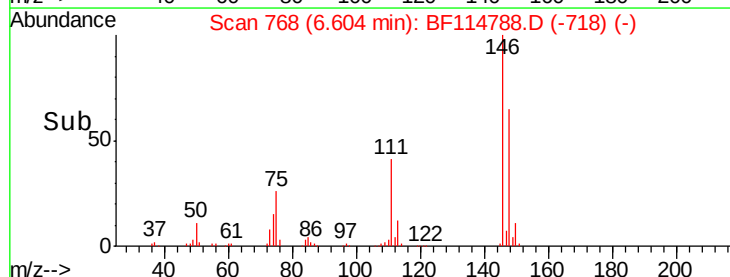
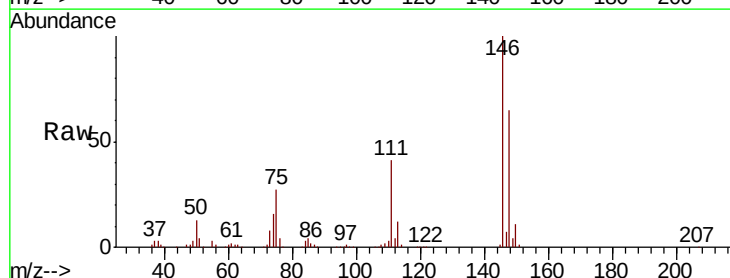
Instrument :
BNA_F
ClientSampleId :

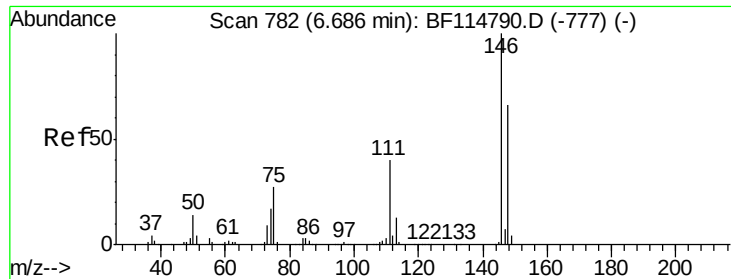
Tot Ion: 93 Resp: 255813
Ion Ratio Lower Upper
93 100
63 68.1 49.6 89.6
95 32.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 12.302 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion: 146 Resp: 326513
Ion Ratio Lower Upper
146 100
148 64.5 52.7 79.1
75 26.7 22.0 33.0

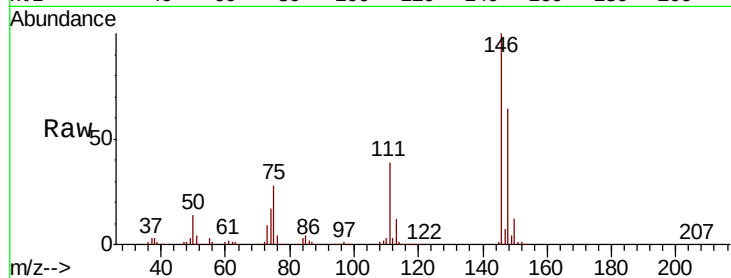




#13
 1,4-Dichlorobenzene
 Concen: 12.406 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.0	79.4
111	38.7	32.2	48.4

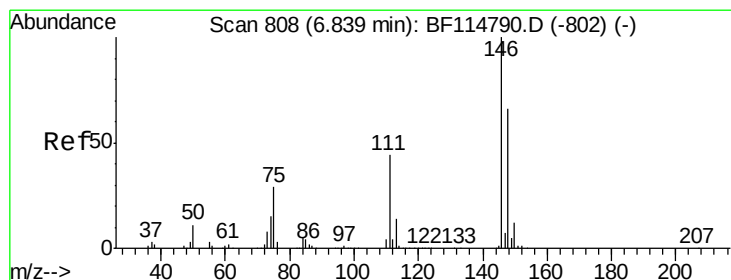
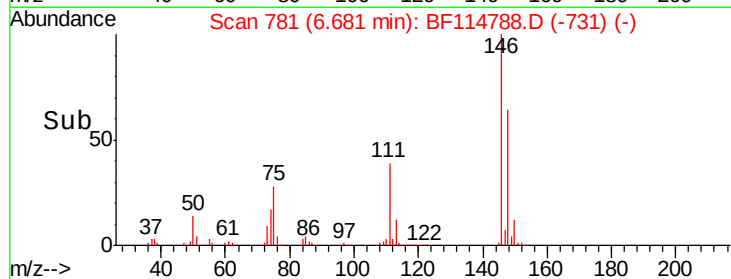
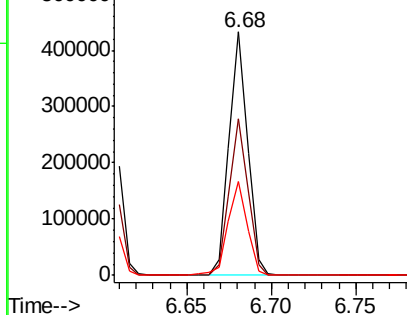


Abundance

Ion 146.00 (145.70 to 146.70): E

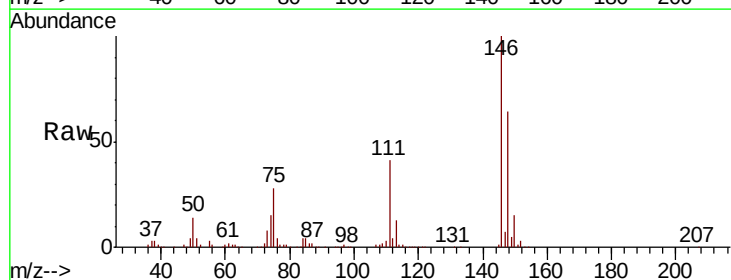
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 13.127 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.5	78.7
111	41.4	34.8	52.2

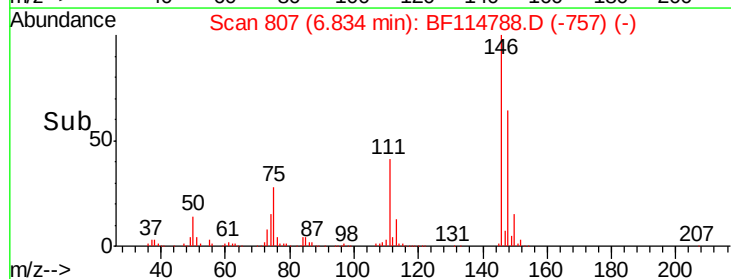
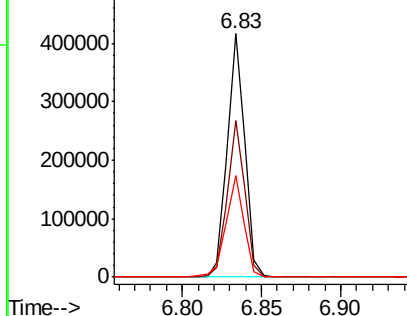


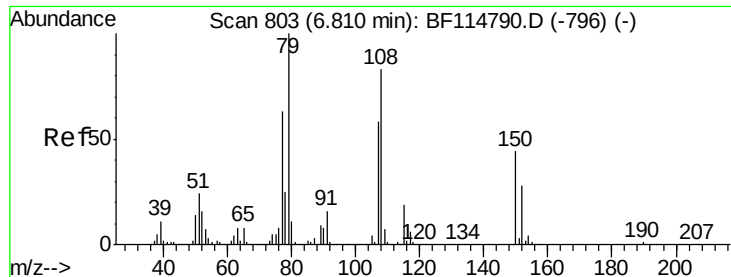
Abundance

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: 12.446 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

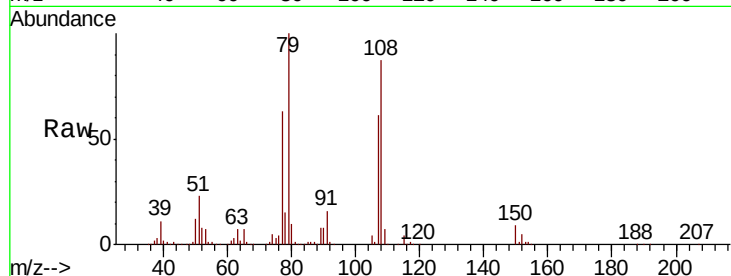
Tot Ion: 79 Resp: 226532

Ion Ratio Lower Upper

79 100

108 86.8 66.8 100.2

77 62.8 50.6 76.0

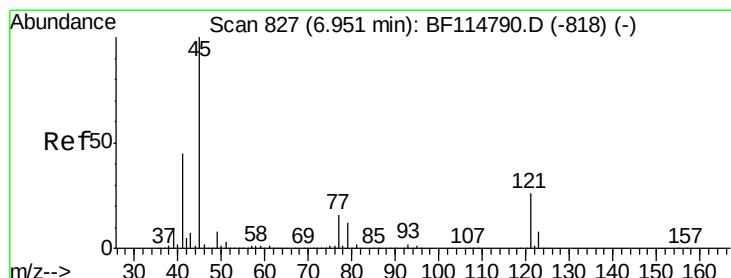
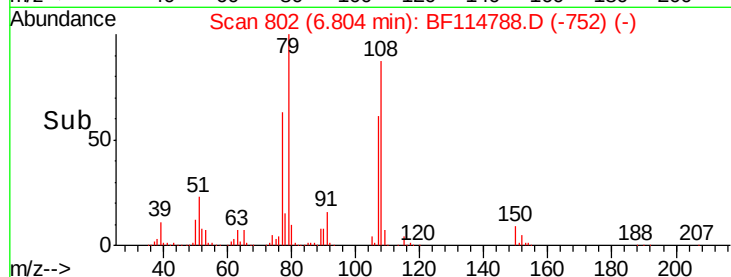
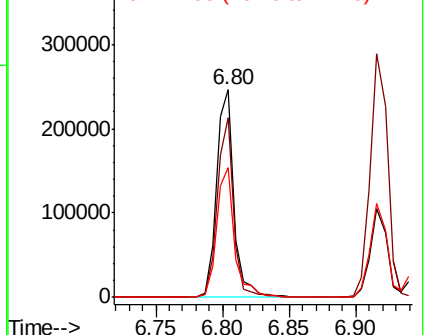


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.569 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

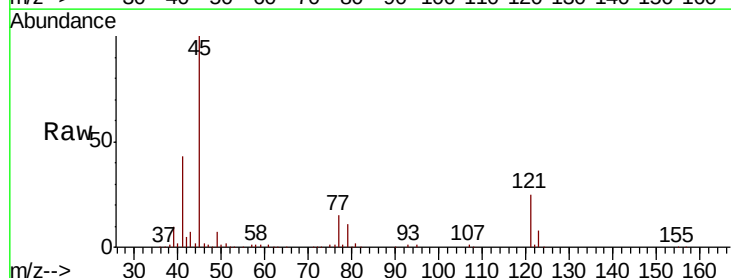
Tgt Ion: 45 Resp: 359564

Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.8

79 11.1 0.0 32.0

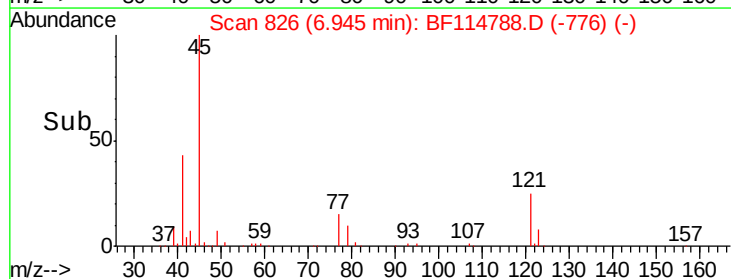
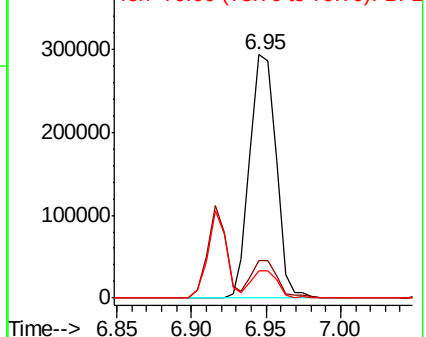


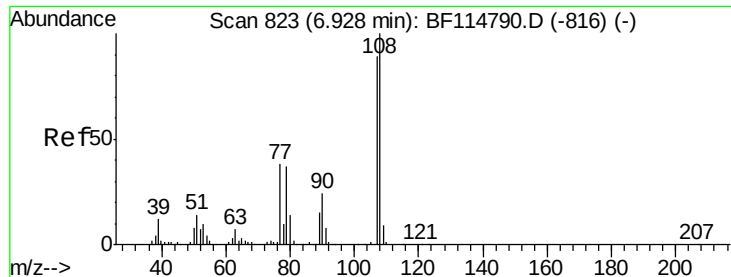
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

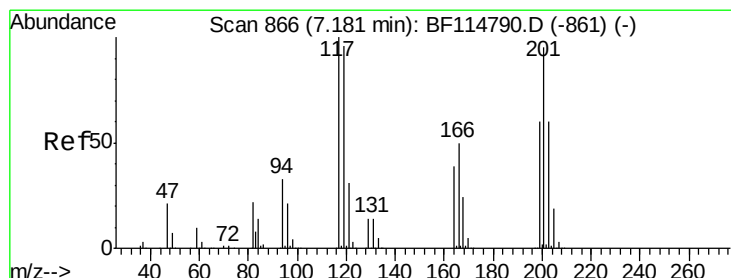
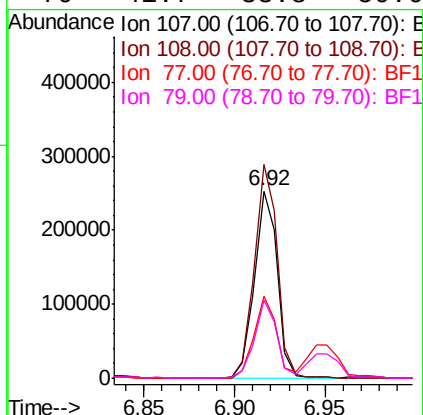
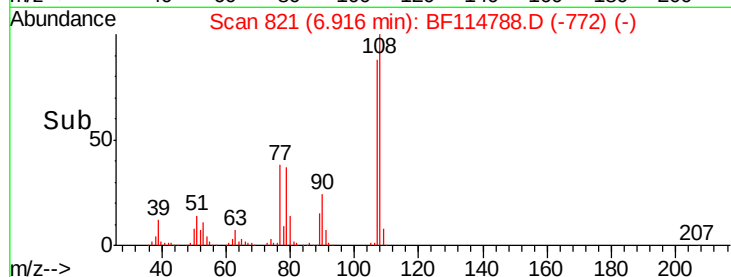
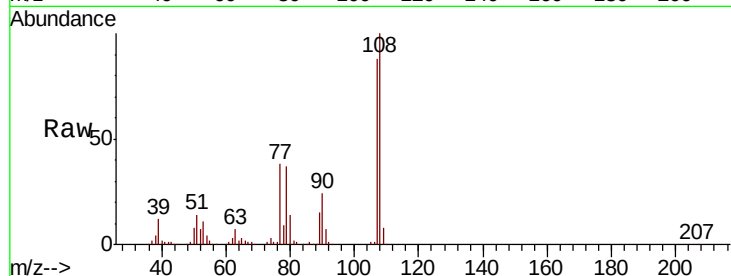




#17
2-Methylphenol
Concen: 11.421 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

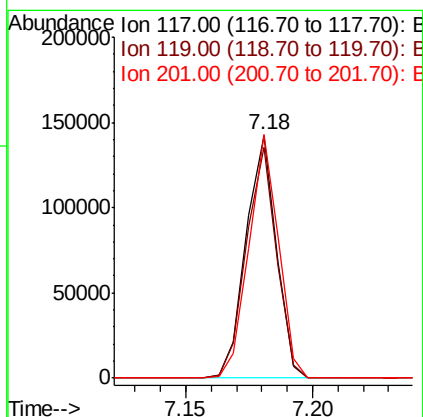
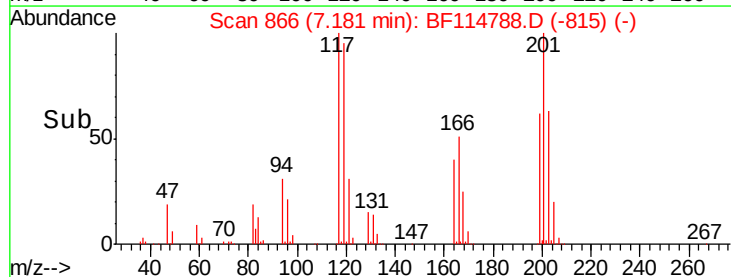
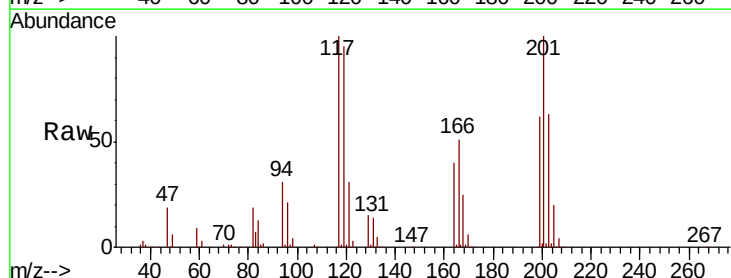
Instrument :
BNA_F
ClientSampleId :

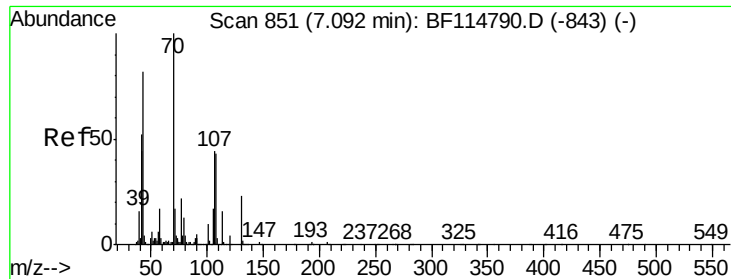
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.2	135.2
77	43.8	34.5	51.7
79	41.7	33.8	50.6



#18
Hexachloroethane
Concen: 11.777 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.4
201	100.2	76.0	114.0

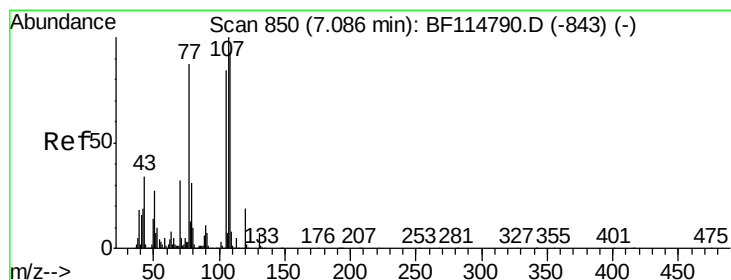
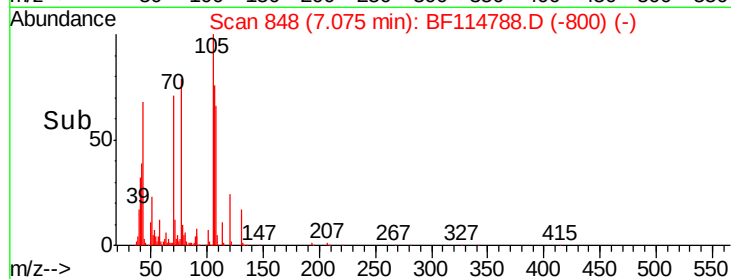
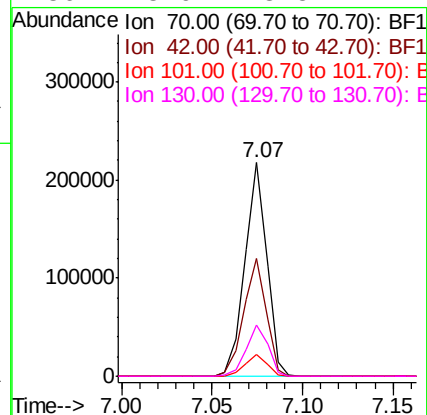
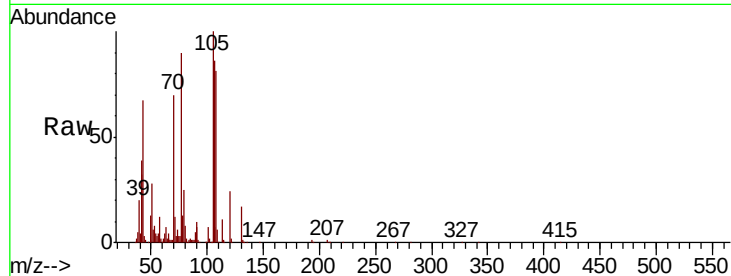




#19
n-Nitroso-di-n-propylamine
Concen: 11.460 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

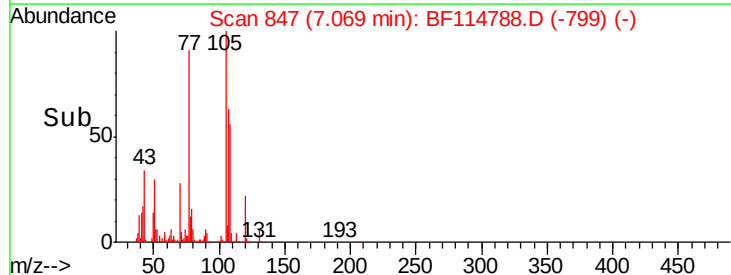
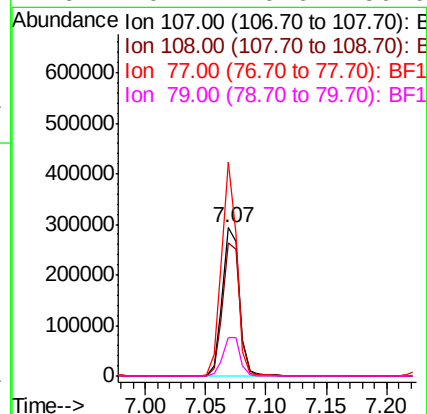
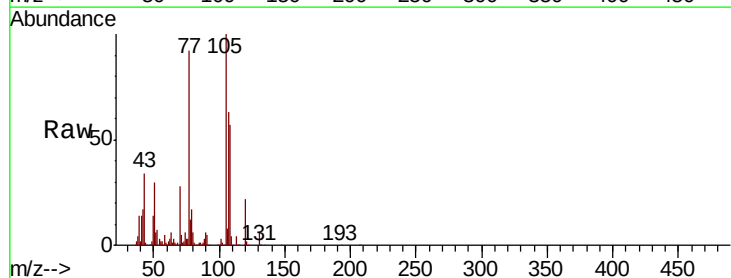
Instrument :
BNA_F
ClientSampleId :

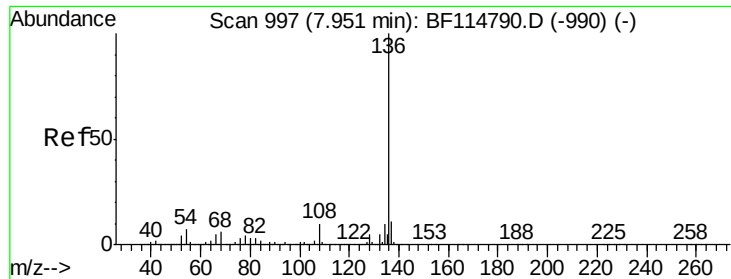
Tot Ion:	70	Resp:	183048
Ion	Ratio	Lower	Upper
70	100		
42	55.4	41.8	62.8
101	10.5	8.2	12.4
130	23.9	18.5	27.7



#20
3+4-Methylphenols
Concen: 13.173 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:	107	Resp:	284398
Ion	Ratio	Lower	Upper
107	100		
108	89.7	73.5	113.5
77	144.4	67.2	107.2#
79	26.4	10.6	50.6

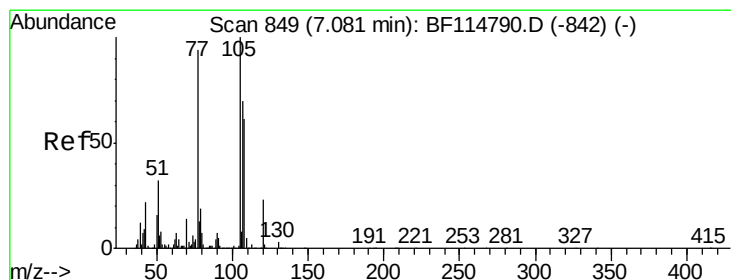
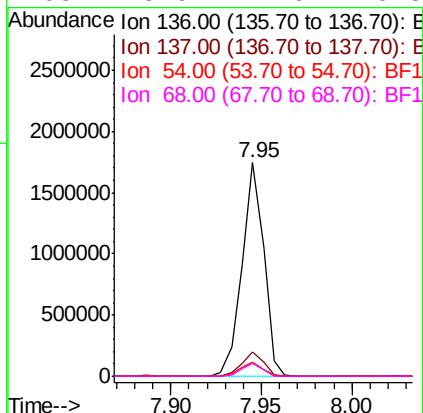
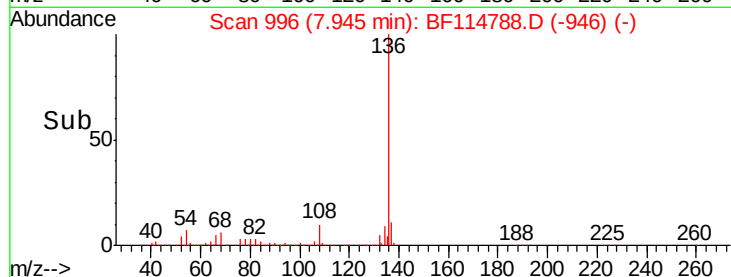
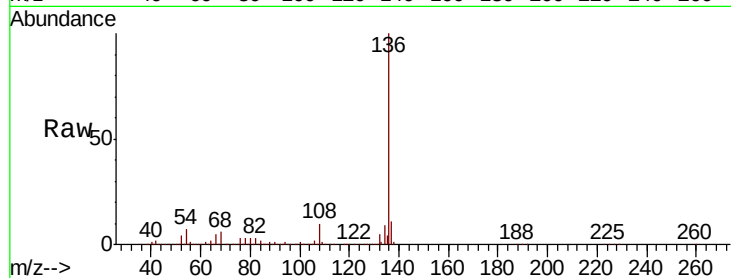




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

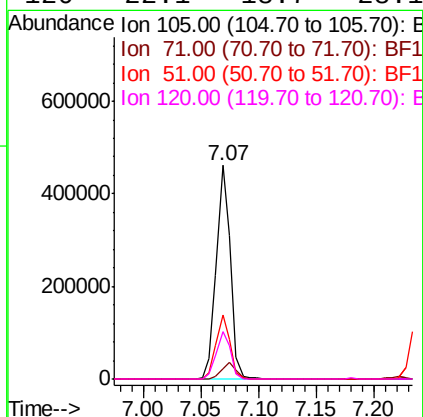
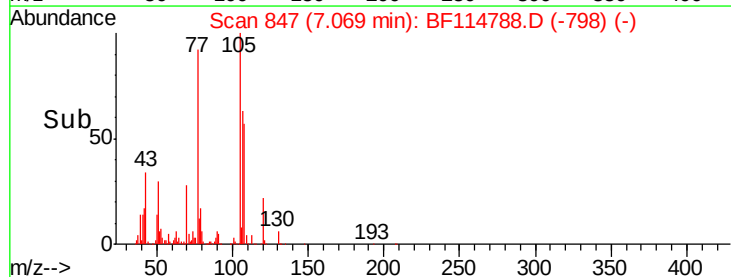
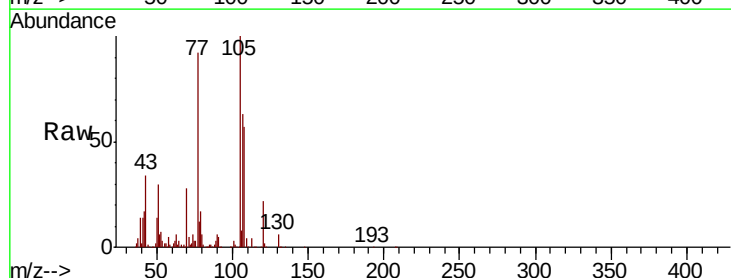
Instrument :
BNA_F
ClientSampled :

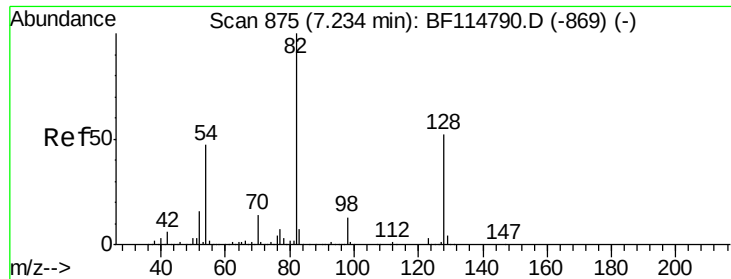
Tot Ion:136	Resp: 1455899
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 6.8	5.4 8.0
68 5.9	4.6 6.8



#22
Acetophenone
Concen: 12.632 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt	Ion:105	Resp:	389563
Ion	Ratio	Lower	Upper
105	100		
71	4.7	2.0	3.0#
51	29.9	25.4	38.0
120	22.1	18.7	28.1

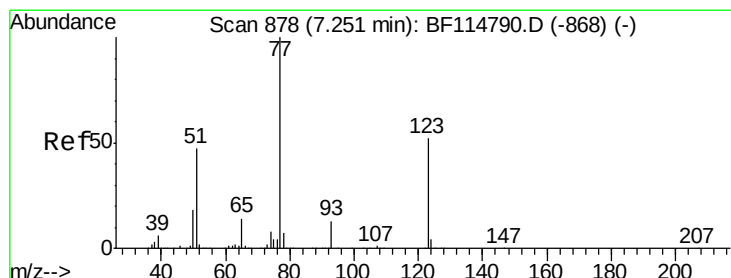
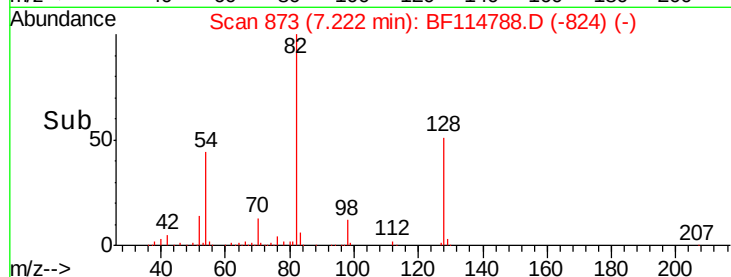
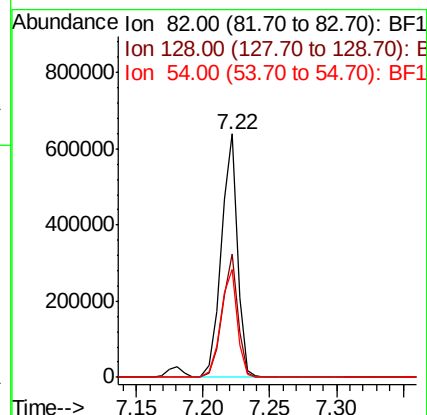
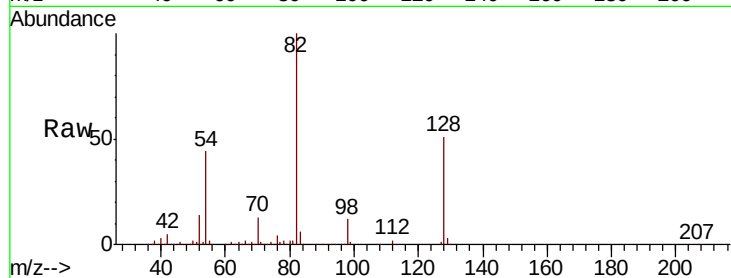




#23
 Nitrobenzene-d5
 Concen: 23.957 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

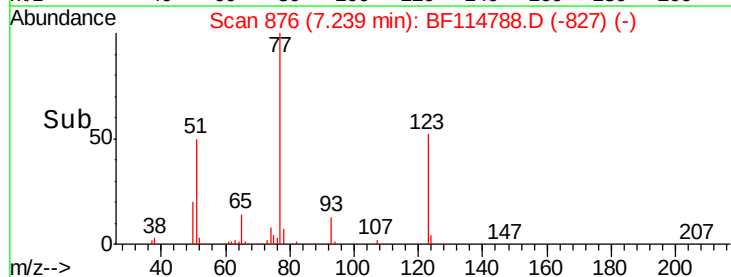
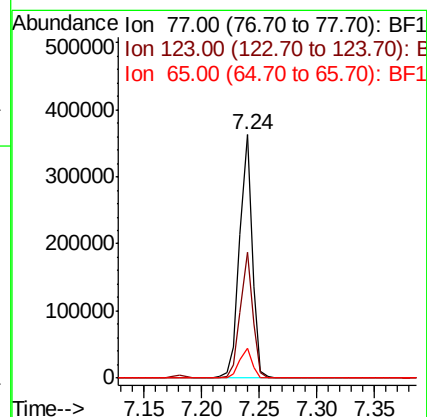
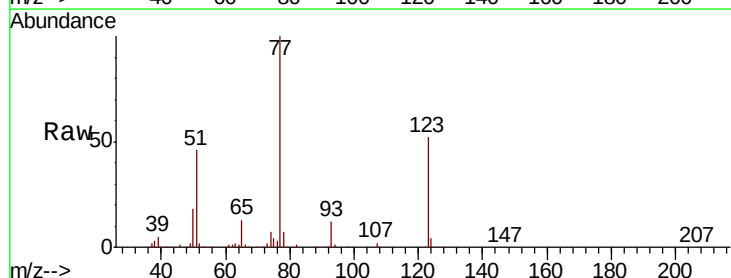
Instrument :
 BNA_F
 ClientSampled :

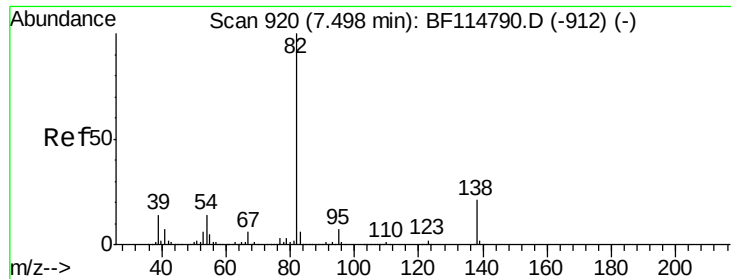
Tot Ion	82	Resp	546452
Ion Ratio	Lower	Upper	
82	100		
128	50.7	41.8	62.6
54	44.3	37.9	56.9



#24
 Nitrobenzene
 Concen: 11.748 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion	77	Resp	278142
Ion Ratio	Lower	Upper	
77	100		
123	51.6	41.5	62.3
65	12.5	10.8	16.2





#25

Isophorone

Concen: 11.244 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

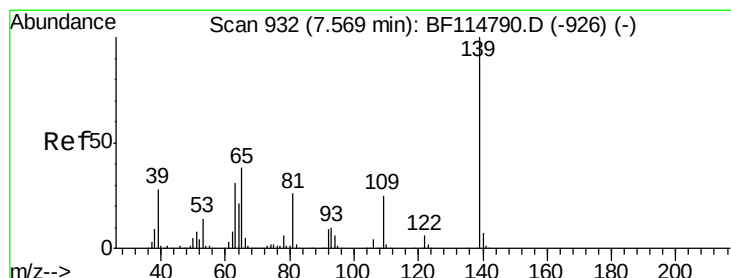
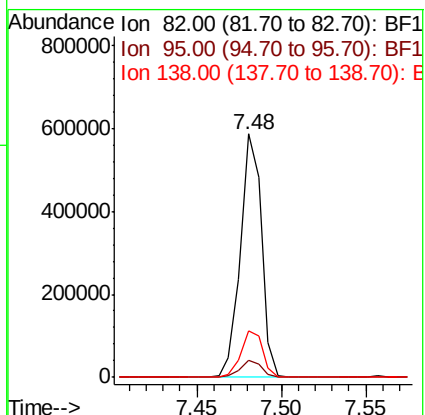
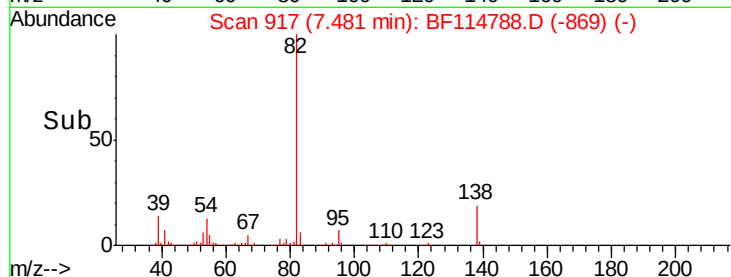
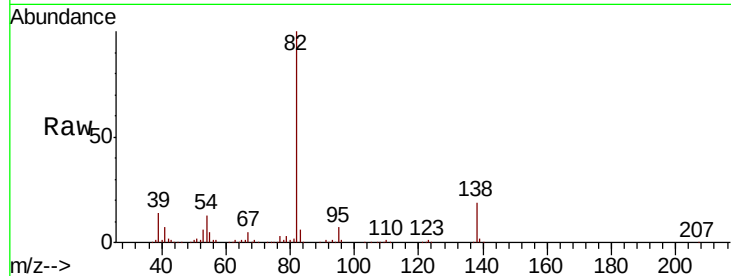
Tot Ion: 82 Resp: 511400

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 18.9 16.9 25.3



#26

2-Nitrophenol

Concen: 10.444 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

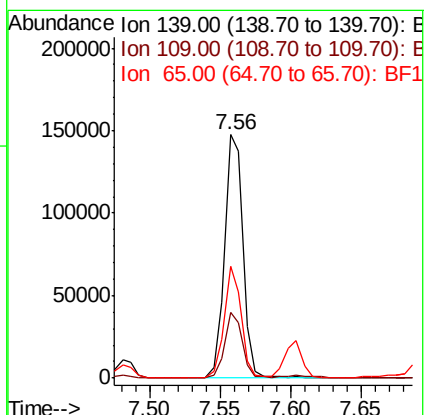
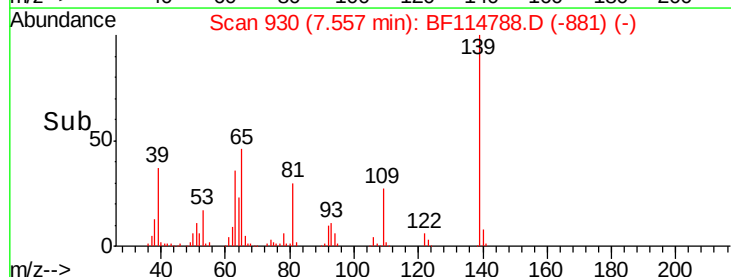
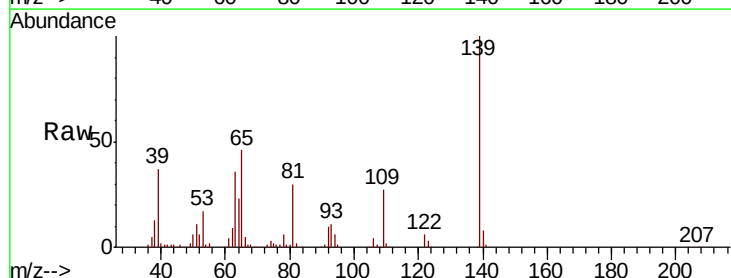
Tgt Ion: 139 Resp: 133802

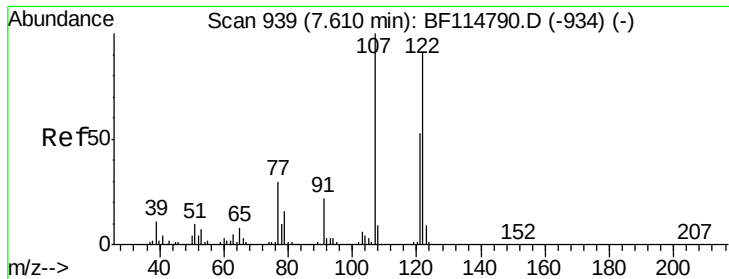
Ion Ratio Lower Upper

139 100

109 27.2 20.4 30.6

65 45.9 30.5 45.7#





#27

2,4-Dimethylphenol

Concen: 11.587 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

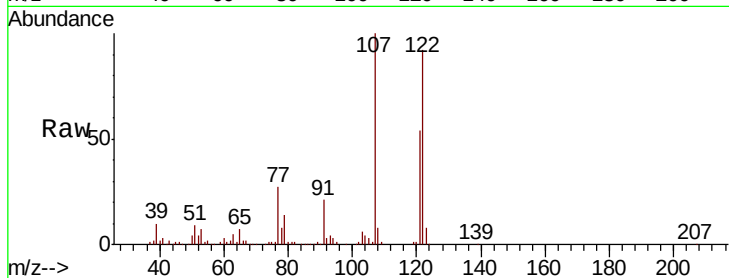
Tot Ion:122 Resp: 227439

Ion Ratio Lower Upper

122 100

107 108.7 87.9 131.9

121 59.0 46.4 69.6

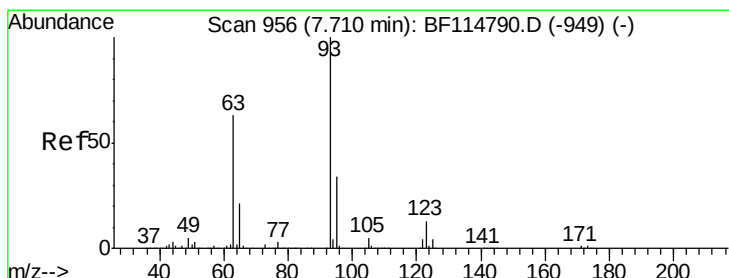
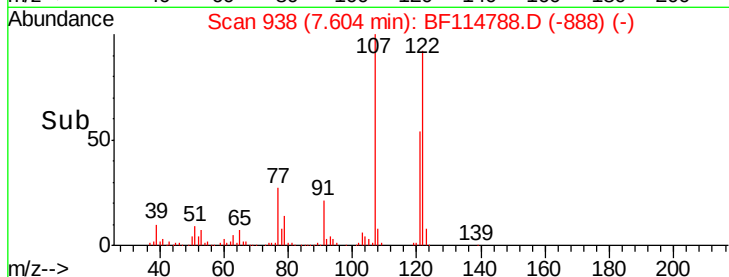
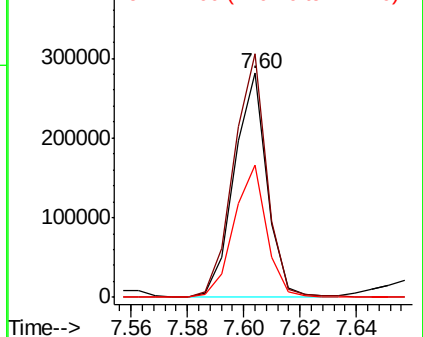


Abundance

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: 11.685 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

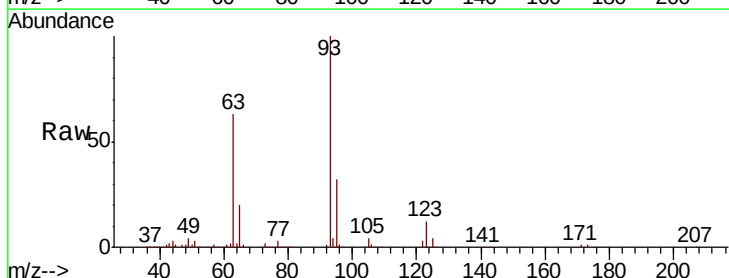
Tgt Ion: 93 Resp: 341286

Ion Ratio Lower Upper

93 100

95 32.2 26.9 40.3

123 11.6 10.4 15.6

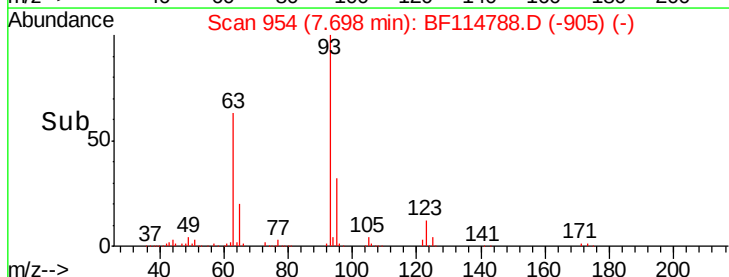
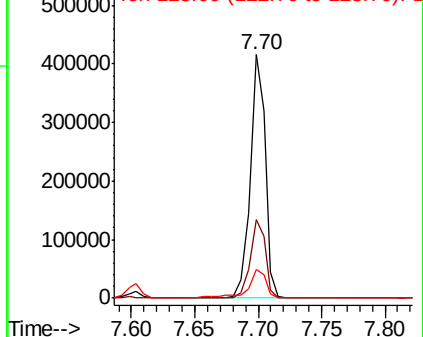


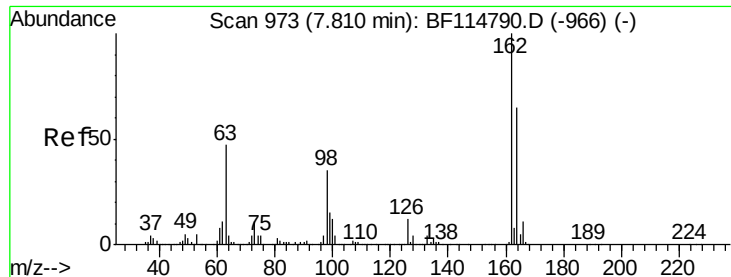
Abundance

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

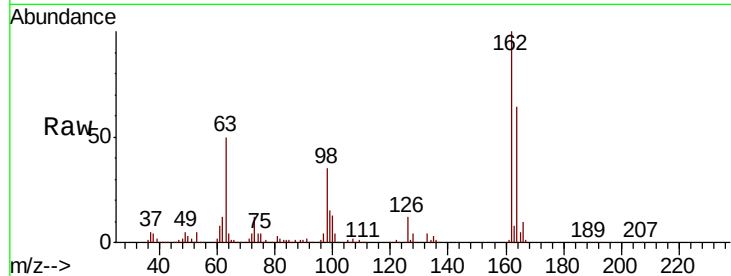




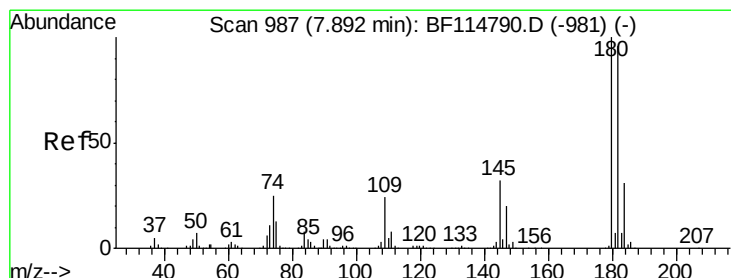
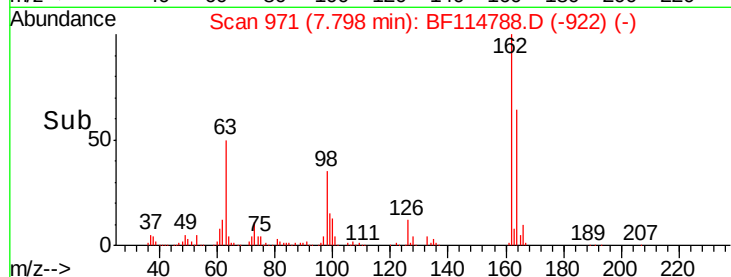
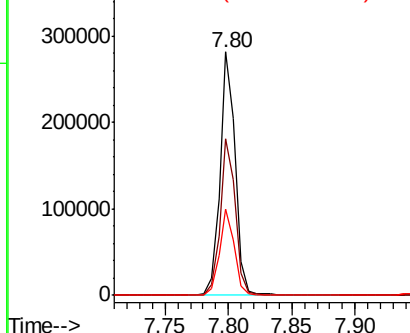
#29
2,4-Dichlorophenol
Concen: 11.460 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.1	85.1
98	35.3	14.6	54.6

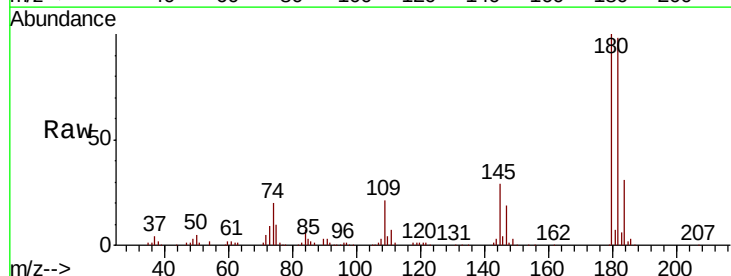


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

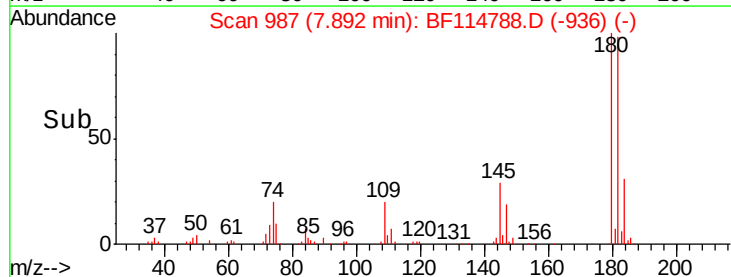
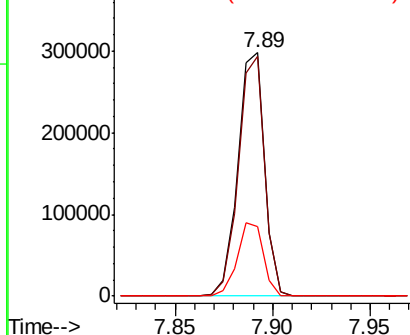


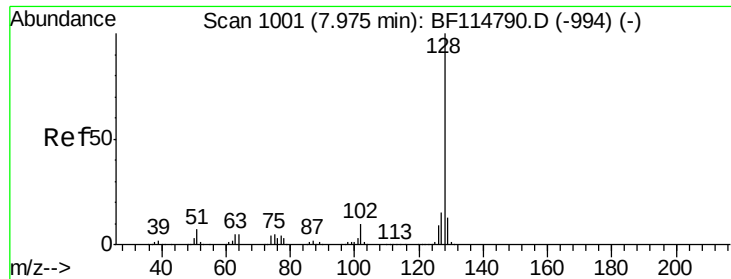
#30
1,2,4-Trichlorobenzene
Concen: 11.888 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.5	114.7
145	28.5	25.8	38.8



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

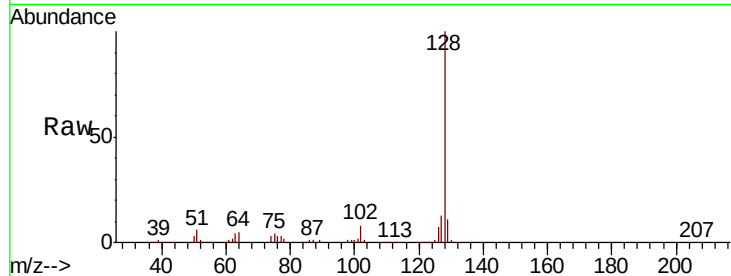




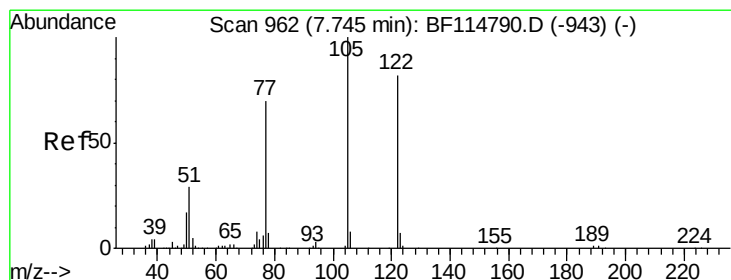
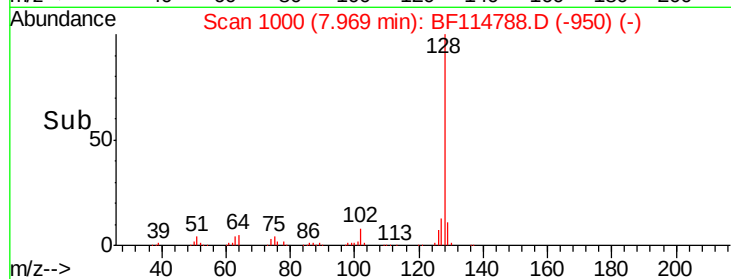
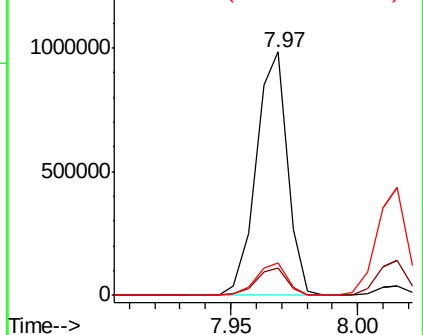
#31
Naphthalene
Concen: 13.448 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	13.2	12.2	18.2

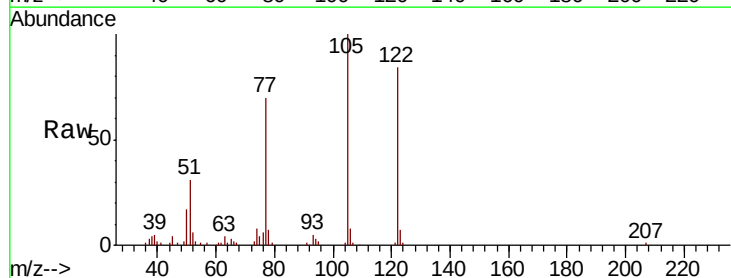


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

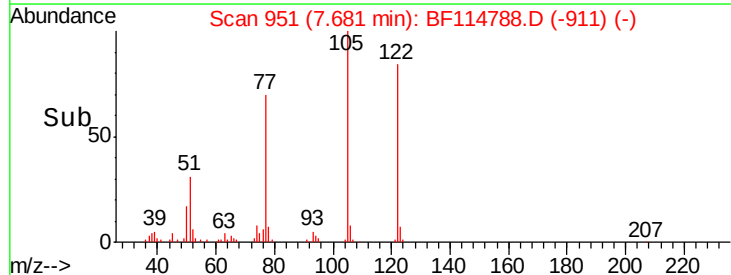
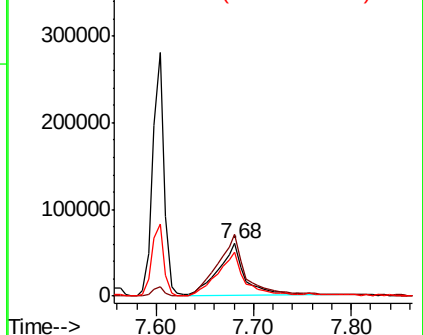


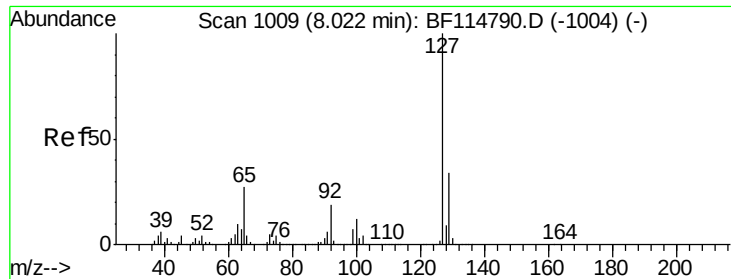
#32
Benzoic acid
Concen: 8.122 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	98.7	138.7
77	83.4	64.8	104.8



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

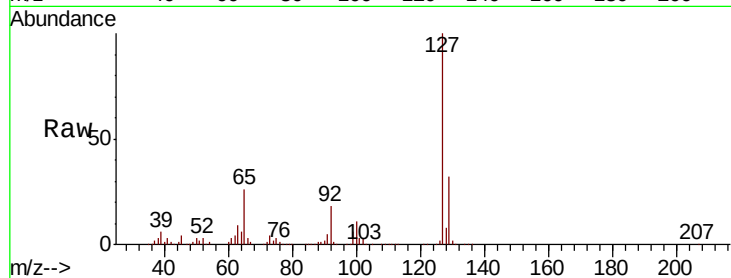




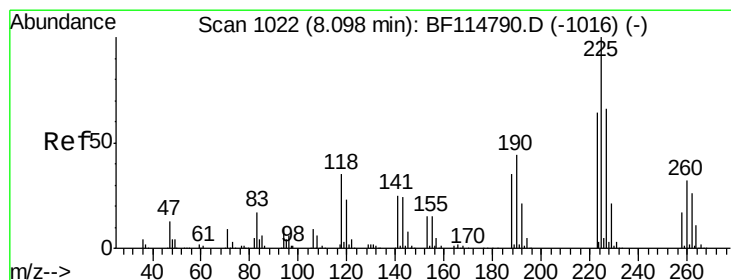
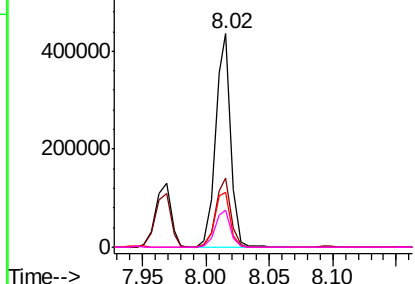
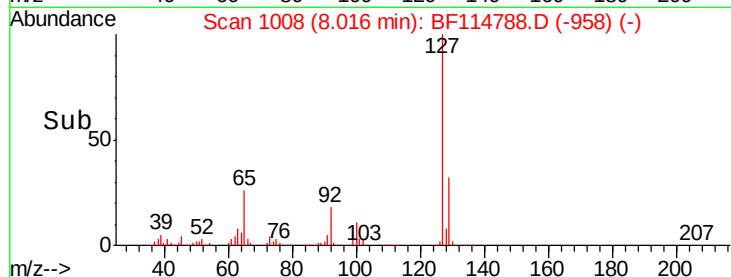
#33
4-Chloroaniline
Concen: 11.963 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	367783
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.9	40.3
65	25.7	21.7	32.5
92	17.7	14.8	22.2

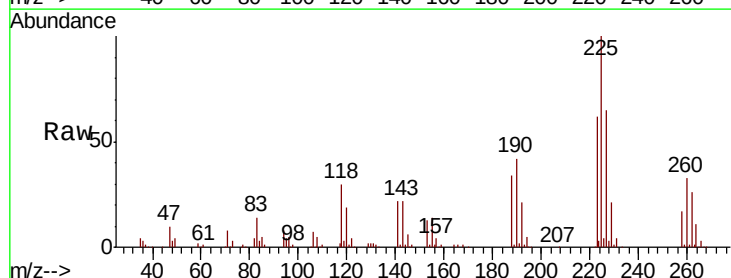


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

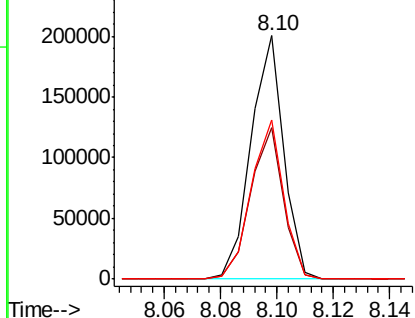
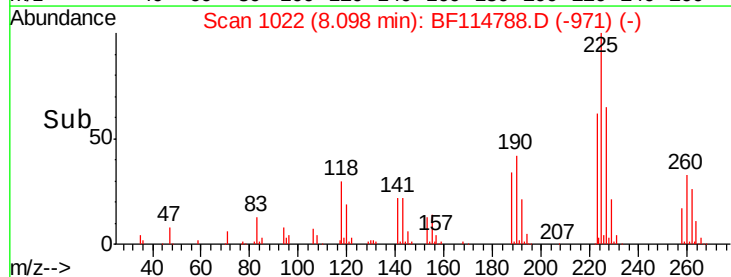


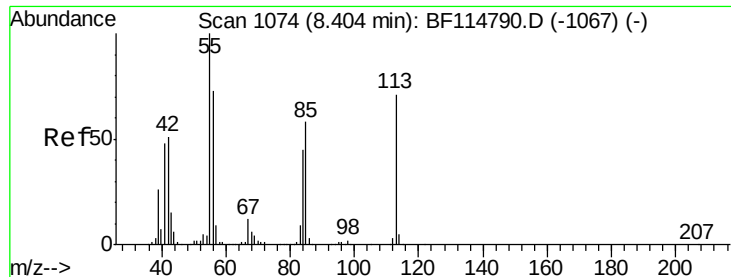
#34
Hexachlorobutadiene
Concen: 11.991 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:	225	Resp:	161428
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	65.2	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 11.143 ng

RT: 8.35 min Scan# 1064

Delta R.T. -0.06 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

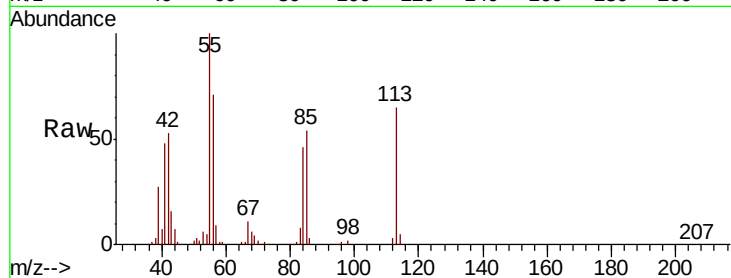
Tot Ion:113 Resp: 74145

Ion Ratio Lower Upper

113 100

55 153.1 121.1 161.1

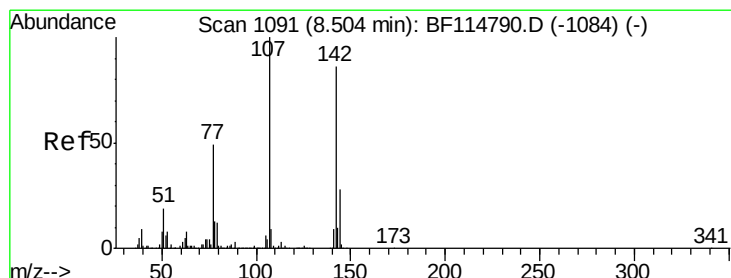
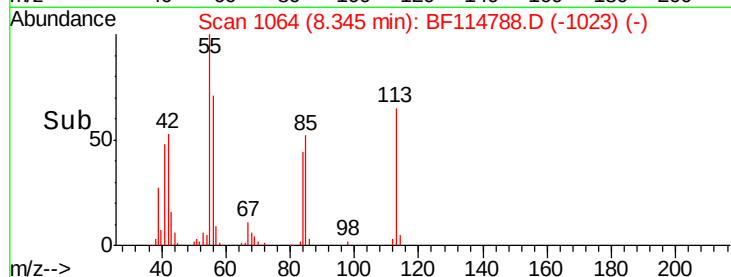
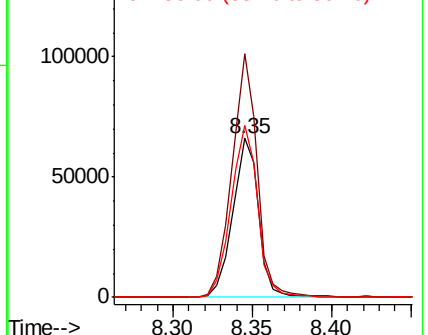
56 108.3 82.6 122.6



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: 11.638 ng

RT: 8.49 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

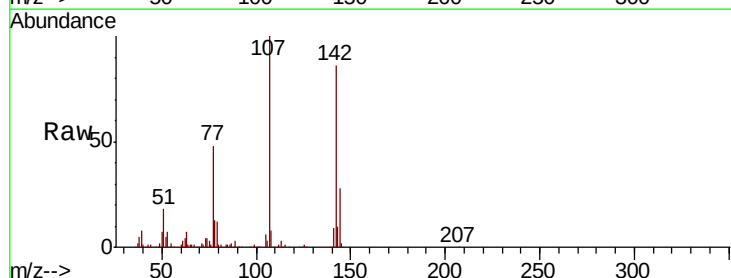
Tgt Ion:107 Resp: 237760

Ion Ratio Lower Upper

107 100

144 27.8 22.1 33.1

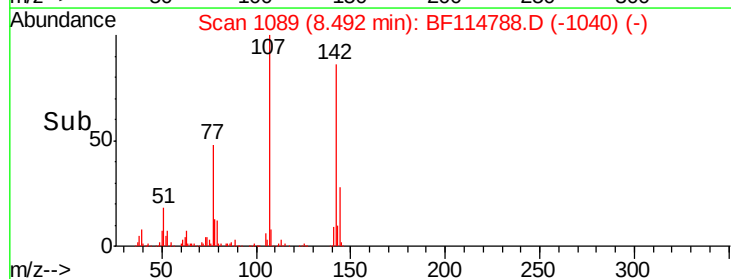
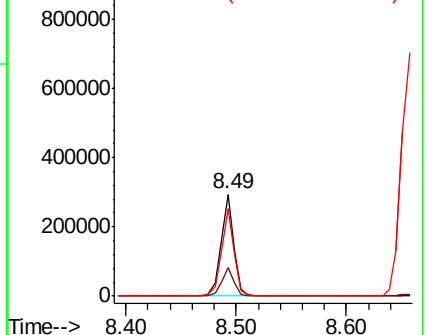
142 85.9 68.4 102.6

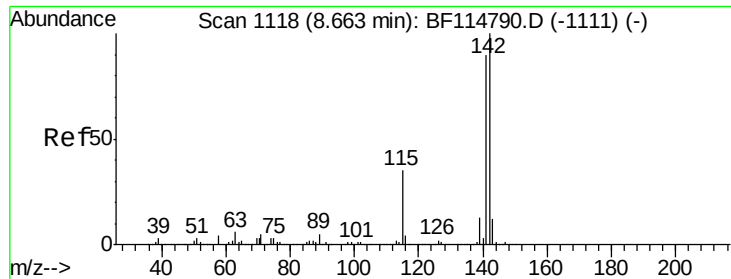


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

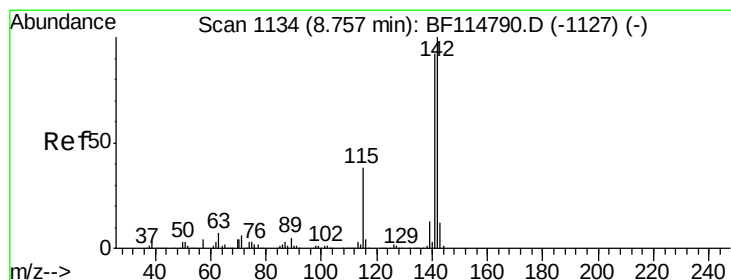
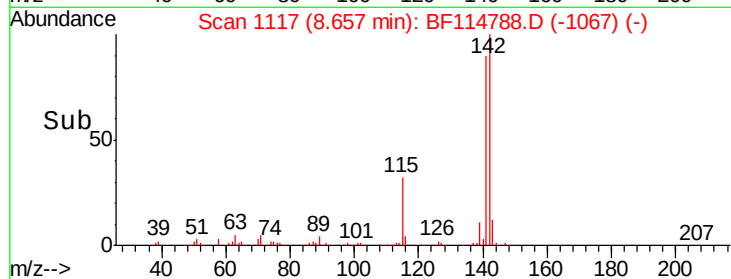
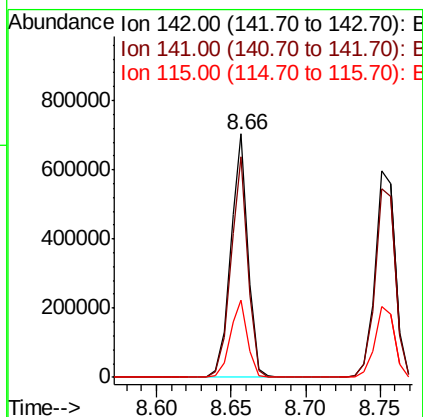
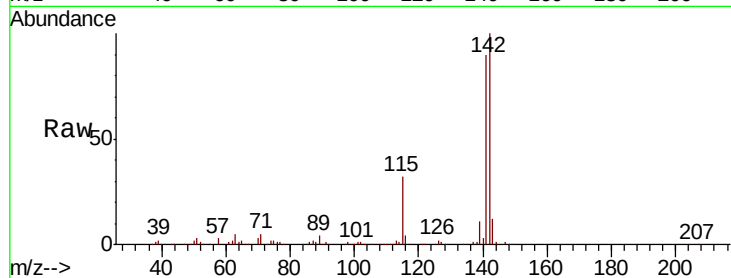




#37
2-Methylnaphthalene
Concen: 13.040 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

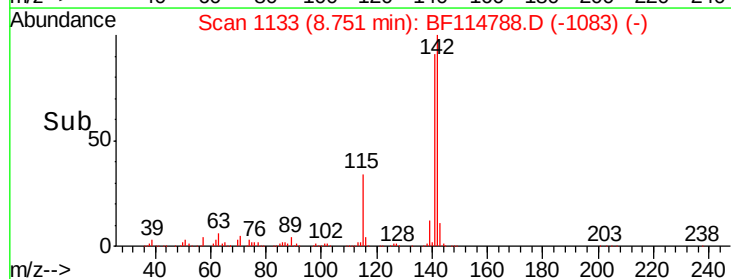
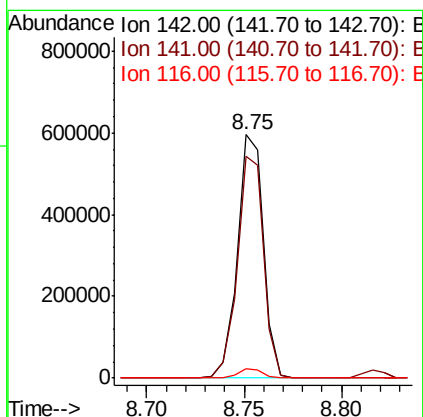
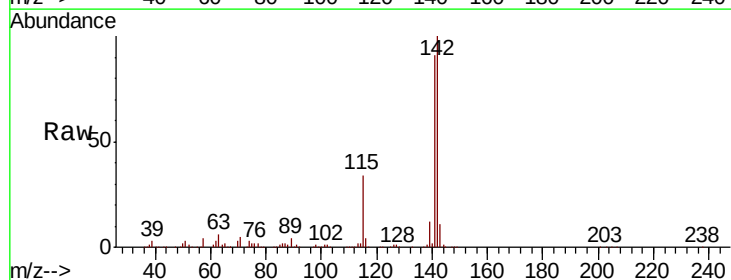
Instrument :
BNA_F
ClientSampleId :

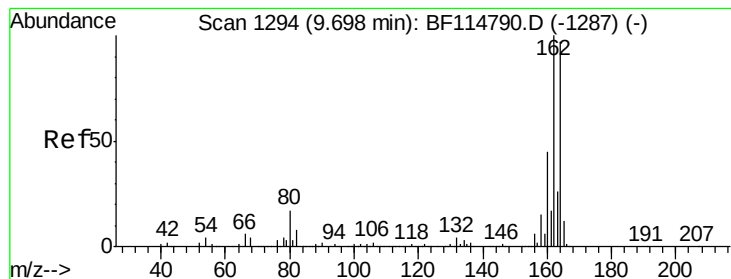
Tot Ion:142 Resp: 574794
Ion Ratio Lower Upper
142 100
141 90.4 71.6 107.4
115 31.9 28.2 42.4



#38
1-Methylnaphthalene
Concen: 13.083 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:142 Resp: 546557
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 3.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

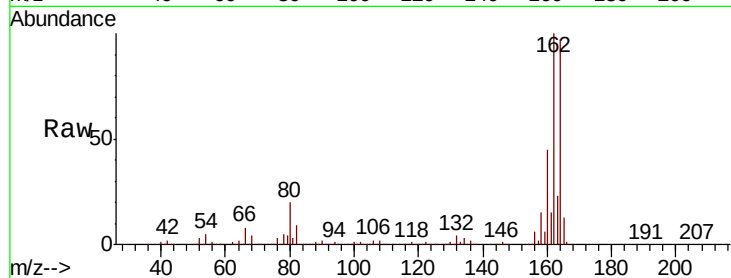
Tot Ion:164 Resp: 731527

Ion Ratio Lower Upper

164 100

162 102.7 82.3 123.5

160 46.1 36.7 55.1

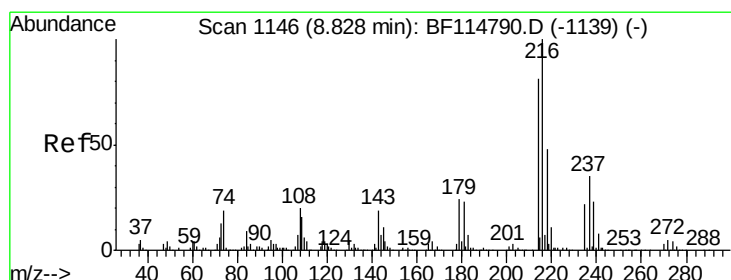
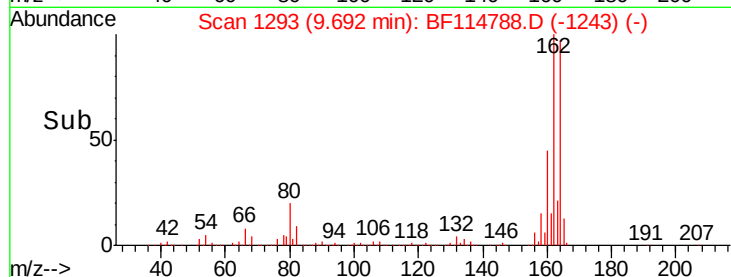
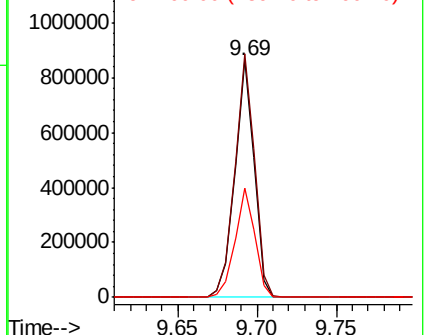


Abundance

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: 12.668 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Tgt Ion:216 Resp: 258063

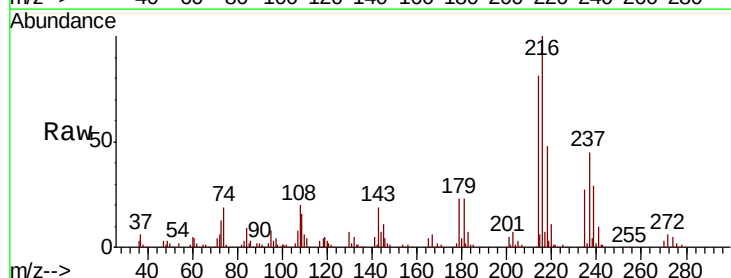
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.2 18.3 27.5

108 18.3 15.5 23.3



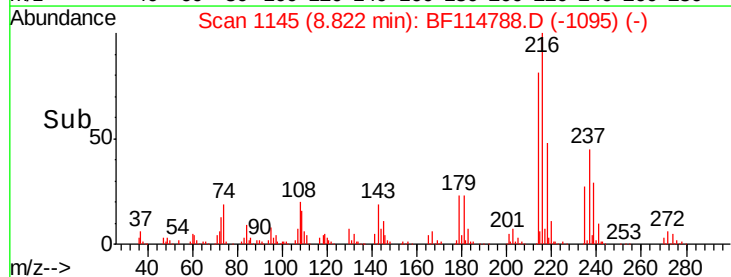
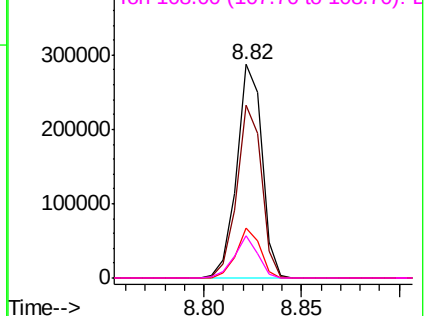
Abundance

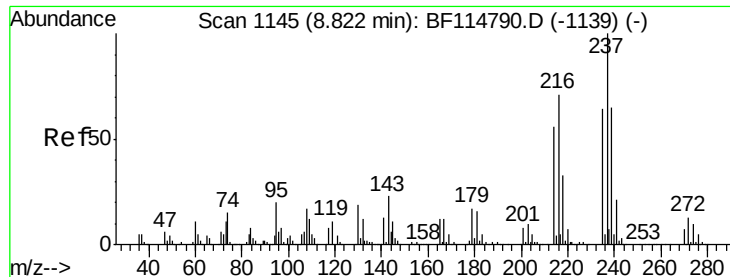
Ion 216.00 (215.70 to 216.70): E

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

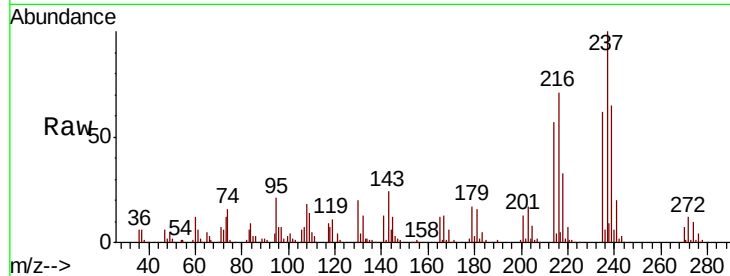




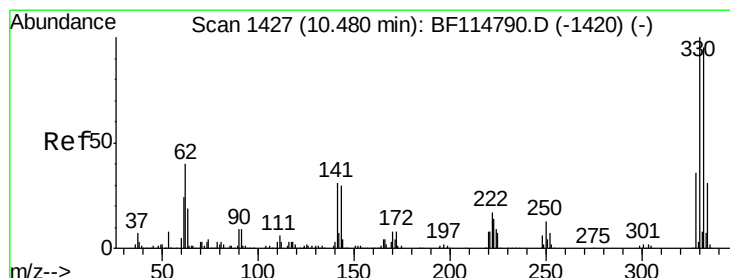
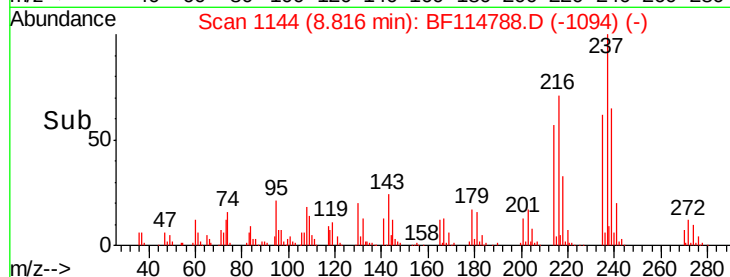
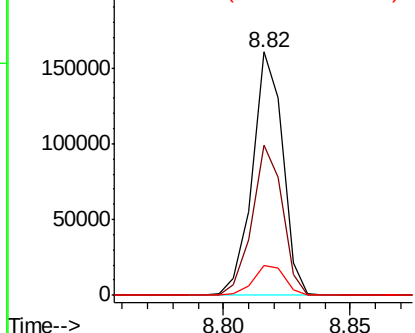
#41
Hexachlorocyclopentadiene
Concen: 10.554 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	133999
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.0	84.0
272	12.3	0.0	33.4

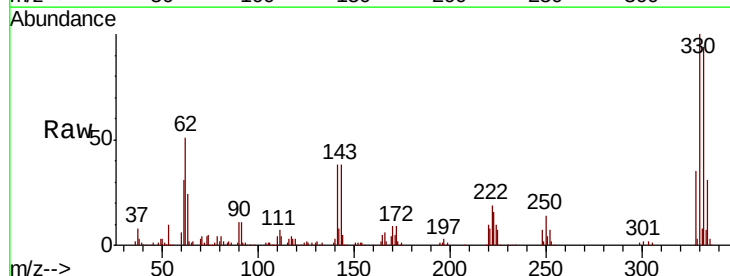


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

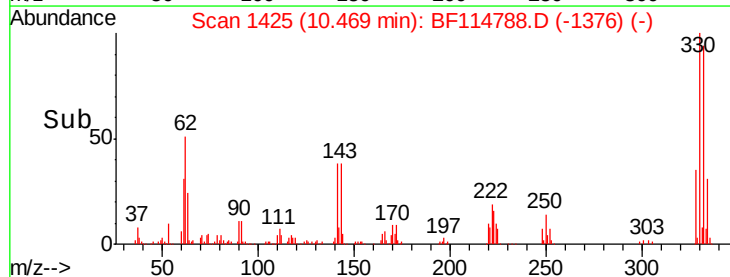
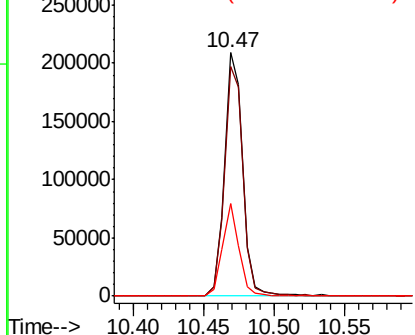


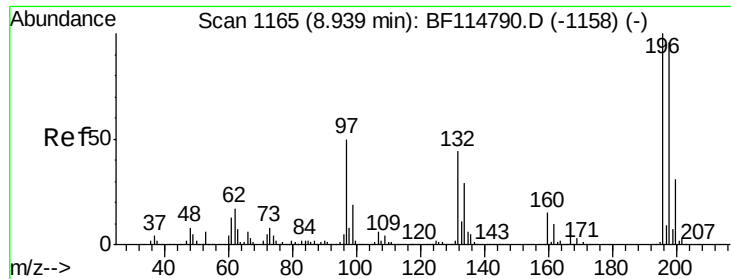
#42
2,4,6-Tribromophenol
Concen: 25.438 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:	330	Resp:	188309
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	34.3	26.2	39.4



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

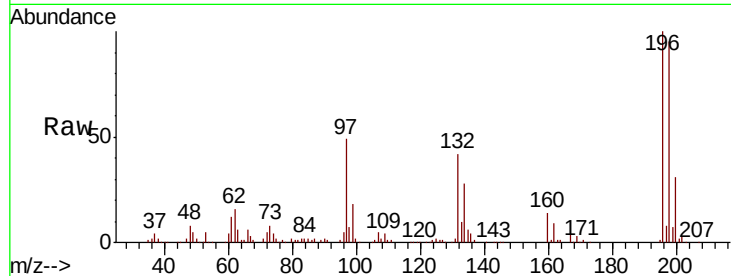




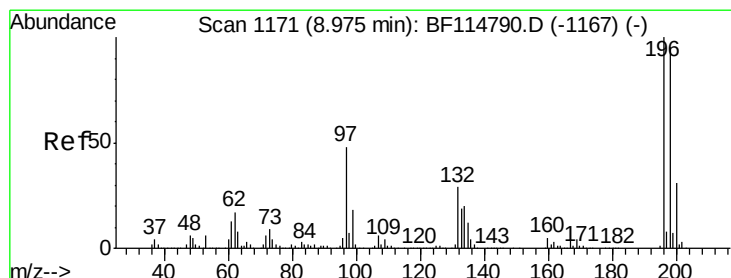
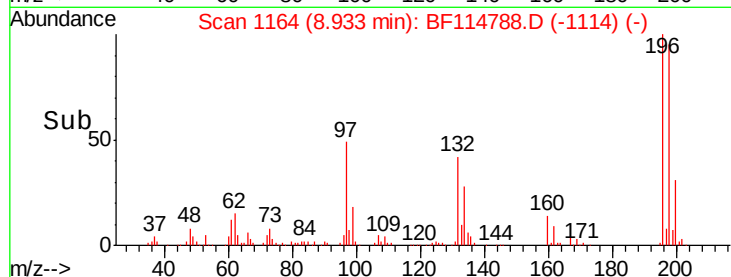
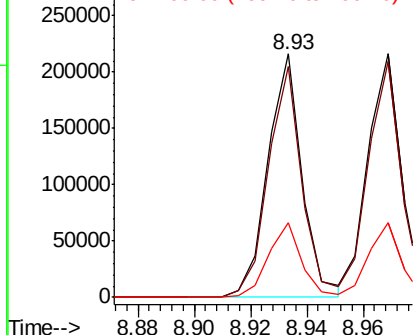
#43
 2,4,6-Trichlorophenol
 Concen: 11.388 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 181104
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.1 115.7
 200 30.8 24.6 36.8

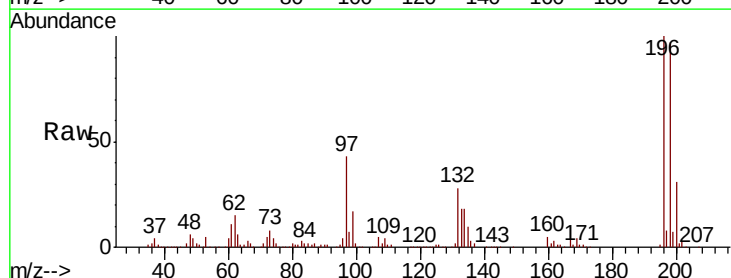


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

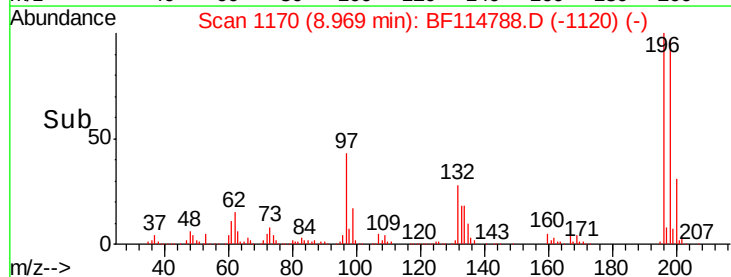
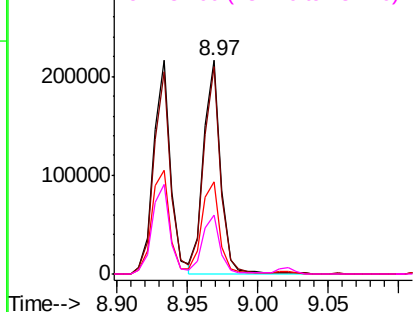


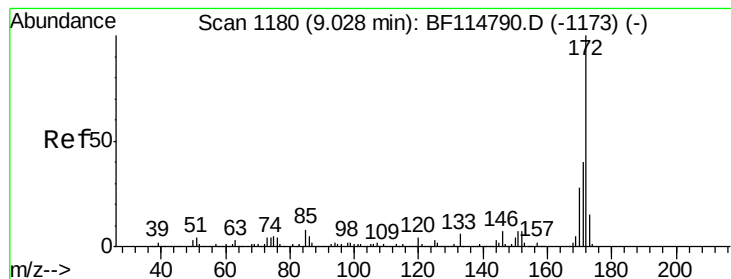
#44
 2,4,5-Trichlorophenol
 Concen: 11.567 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion:196 Resp: 182540
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.2 114.4
 97 42.9 38.2 57.4
 132 27.6 23.7 35.5



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



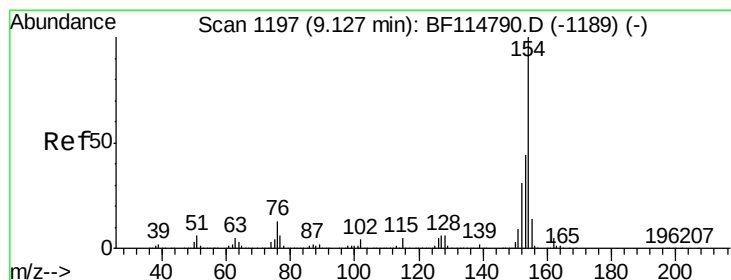
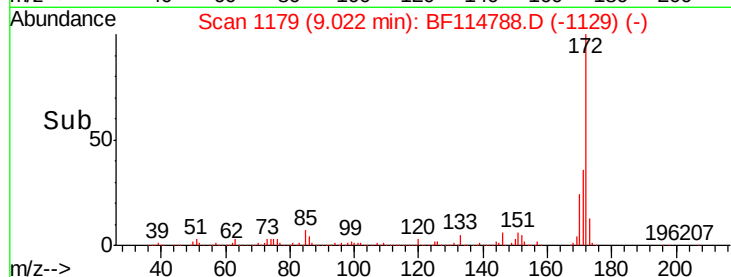
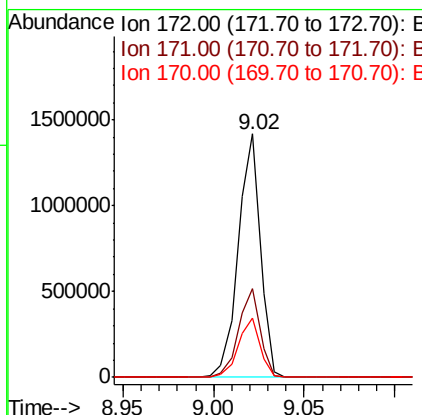
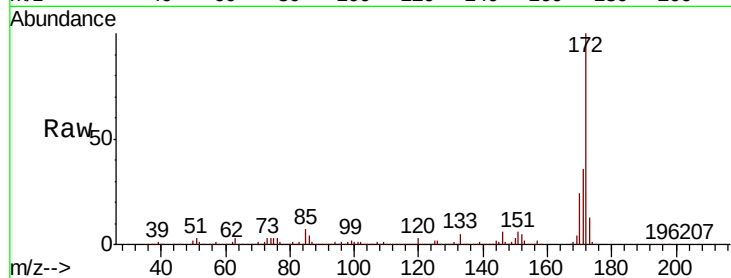


#45
 2-Fluorobiphenyl
 Concen: 29.586 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1200911

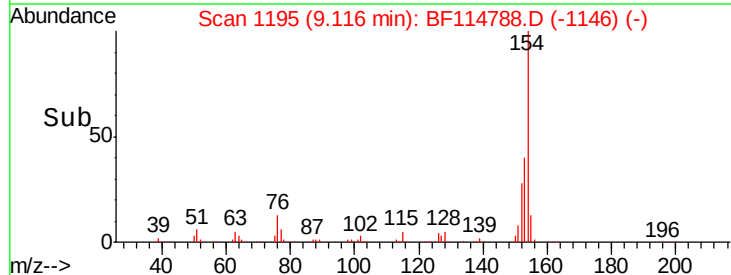
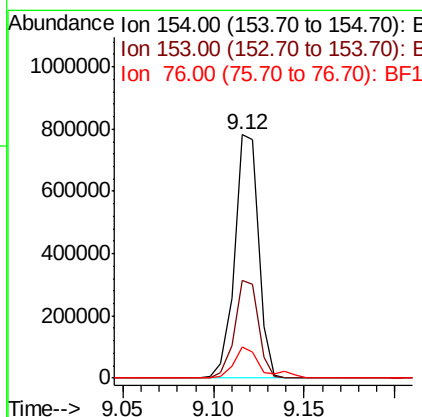
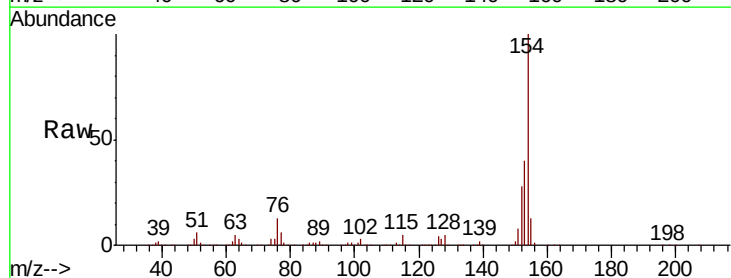
Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.3	48.5
170	24.3	22.4	33.6

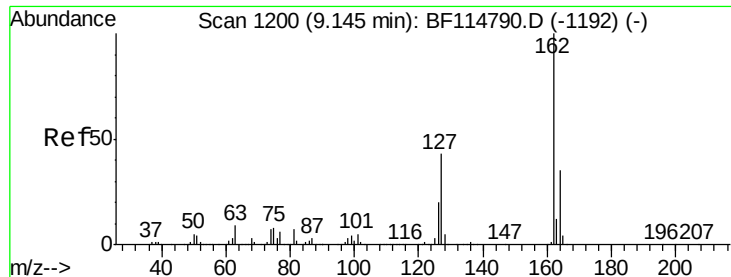


#46
 1,1'-Biphenyl
 Concen: 13.751 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion:154 Resp: 718775

Ion	Ratio	Lower	Upper
154	100		
153	40.0	23.9	63.9
76	12.8	0.0	33.2

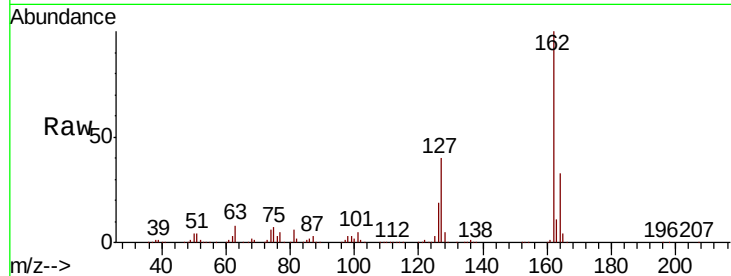




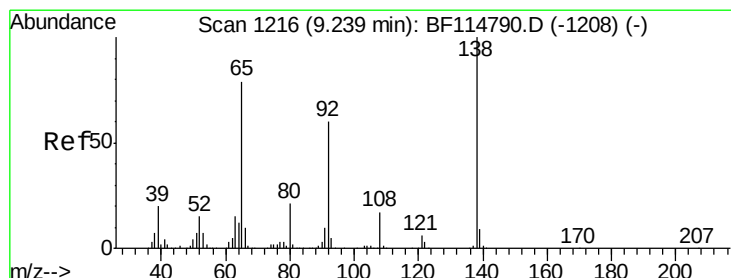
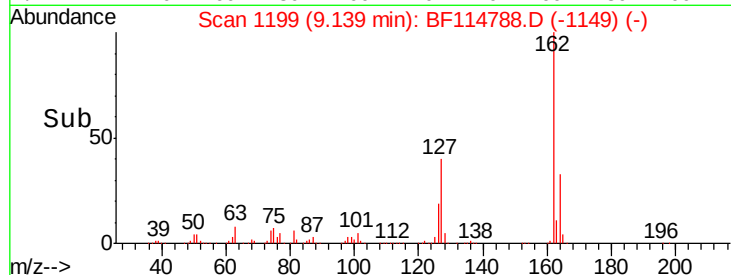
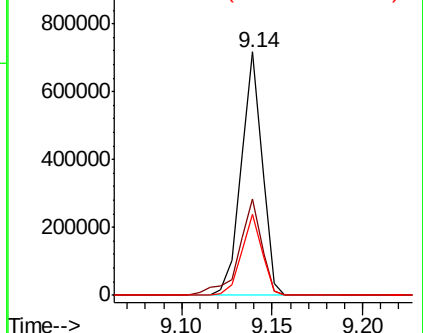
#47
2-Chloronaphthalene
Concen: 13.038 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.6	51.8
164	33.4	27.8	41.8

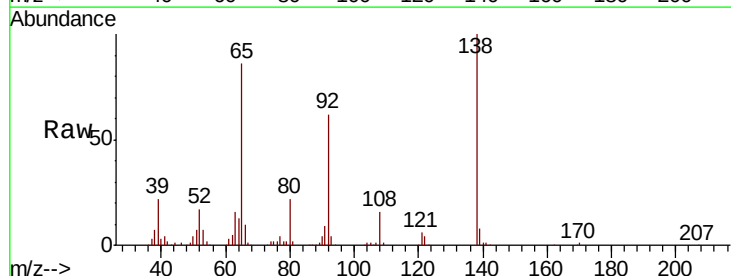


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

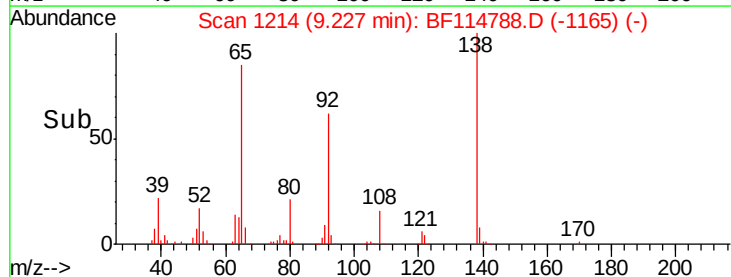
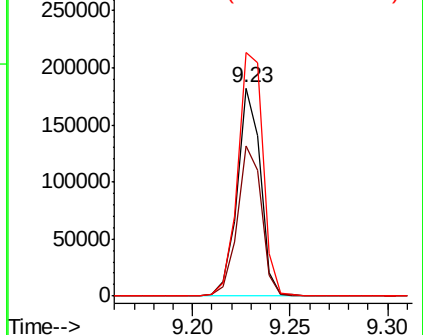


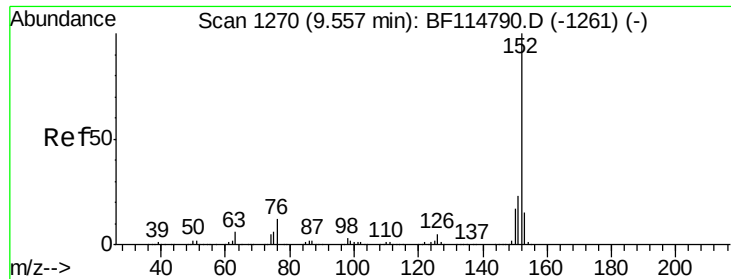
#48
2-Nitroaniline
Concen: 11.319 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	60.4	90.6
138	116.9	101.2	151.8



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





#49

Acenaphthylene

Concen: 13.716 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampled :

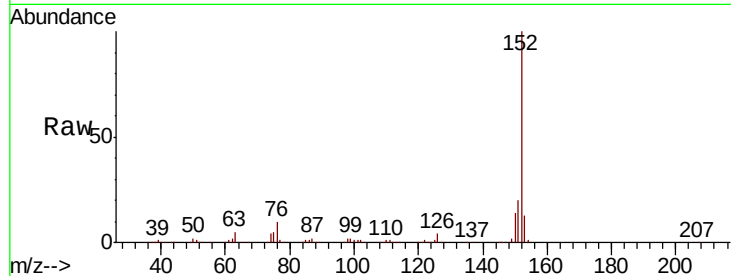
Tot Ion:152 Resp: 885309

Ion Ratio Lower Upper

152 100

151 20.2 18.3 27.5

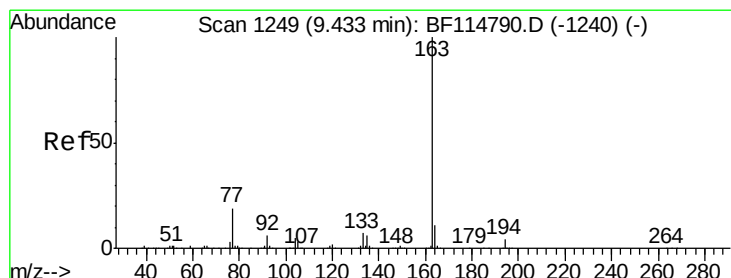
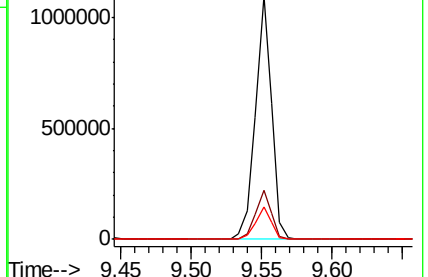
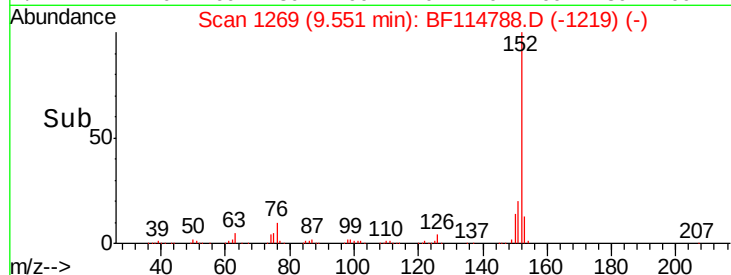
153 13.3 12.3 18.5



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: 12.628 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

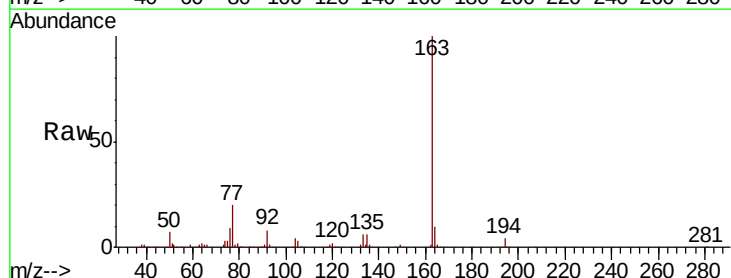
Tgt Ion:163 Resp: 655494

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

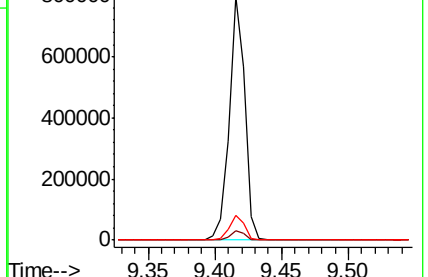
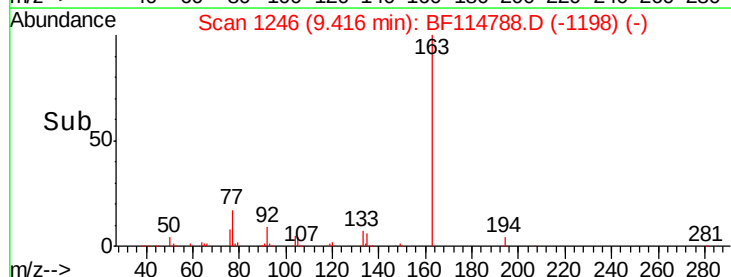
164 10.1 8.6 13.0

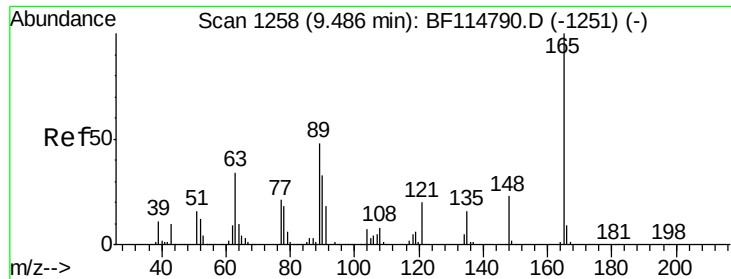


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

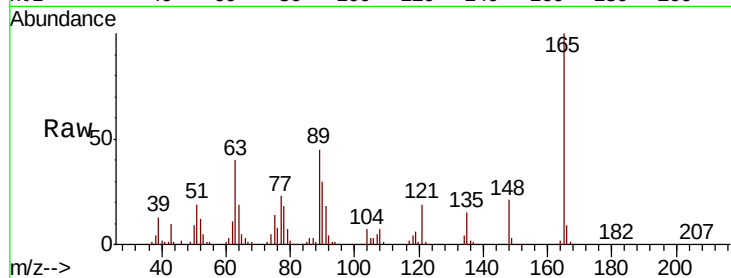




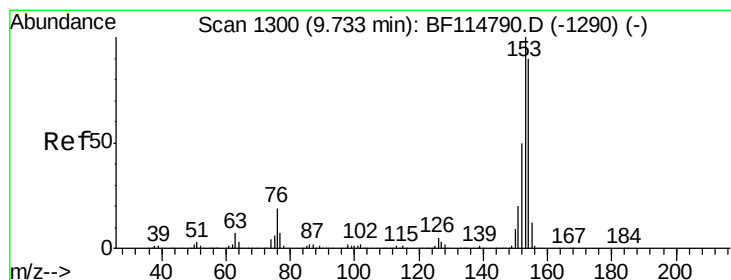
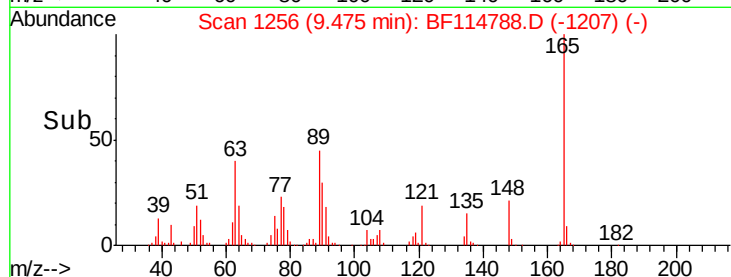
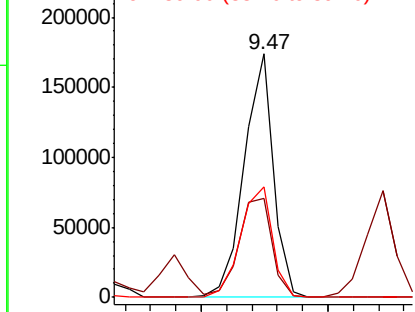
#51
 2,6-Dinitrotoluene
 Concen: 11.532 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 138875
 Ion Ratio Lower Upper
 165 100
 63 40.5 35.1 52.7
 89 45.1 38.2 57.2

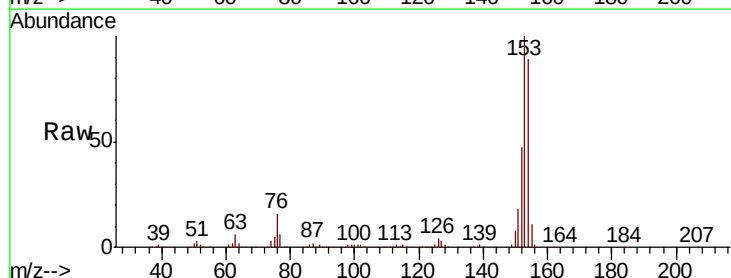


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

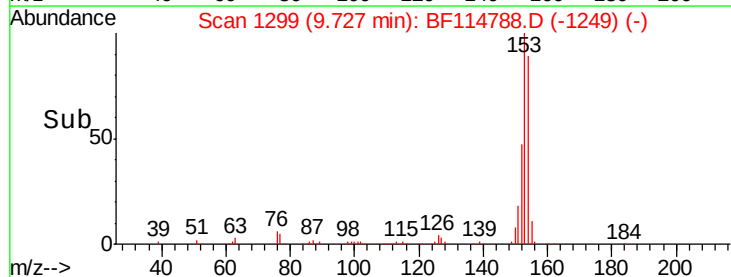
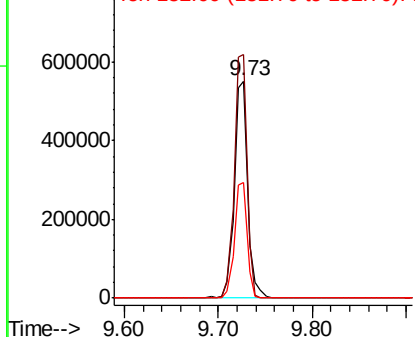


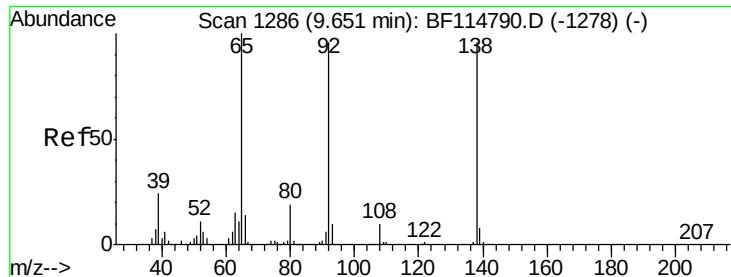
#52
 Acenaphthene
 Concen: 12.975 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion:154 Resp: 544401
 Ion Ratio Lower Upper
 154 100
 153 112.3 88.5 132.7
 152 53.1 44.1 66.1



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

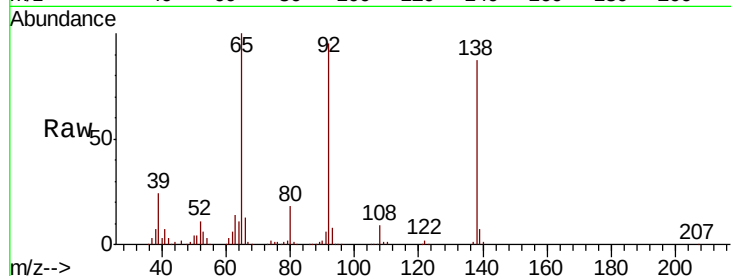




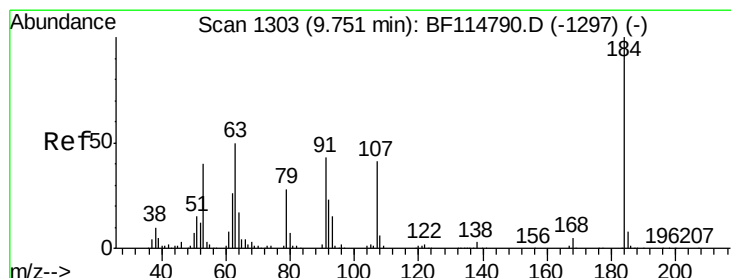
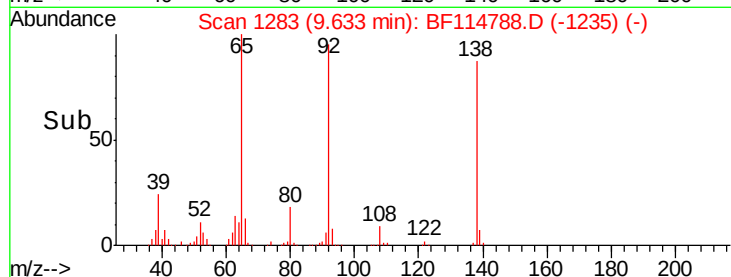
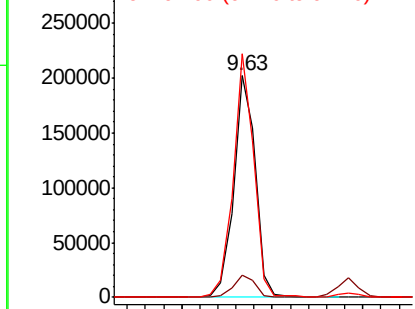
#53
3-Nitroaniline
Concen: 11.632 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 166883
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 110.0 79.9 119.9

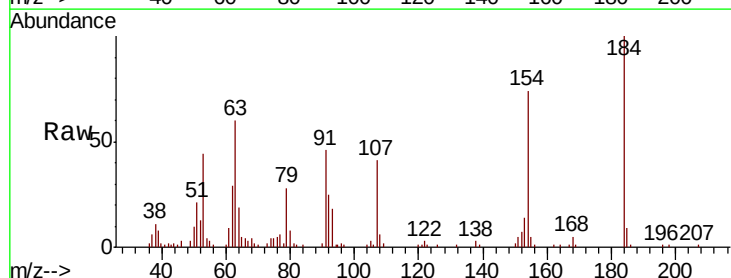


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

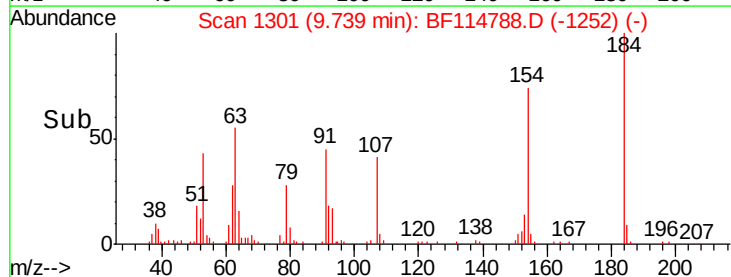
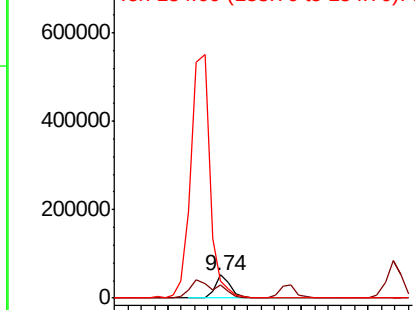


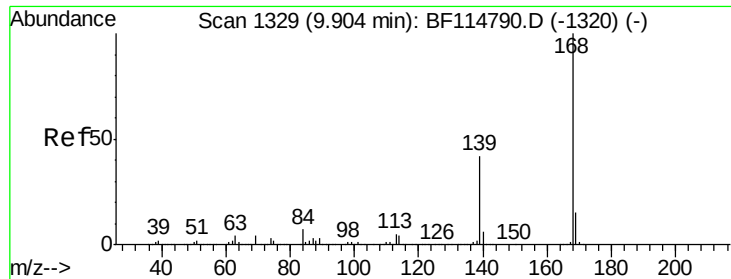
#54
2,4-Dinitrophenol
Concen: 7.706 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:184 Resp: 43813
Ion Ratio Lower Upper
184 100
63 59.9 44.1 66.1
154 73.8 48.1 72.1#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

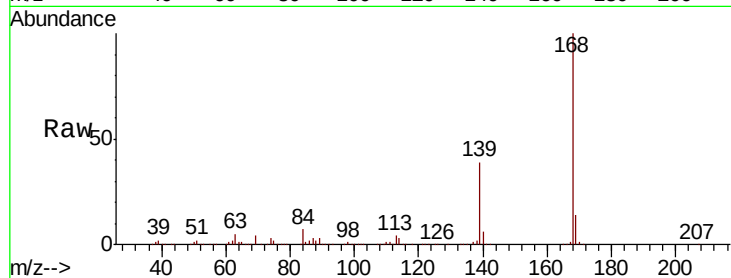




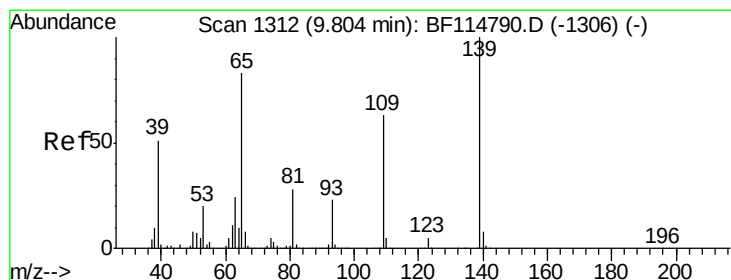
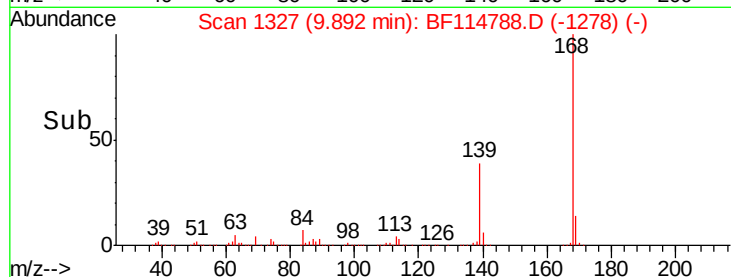
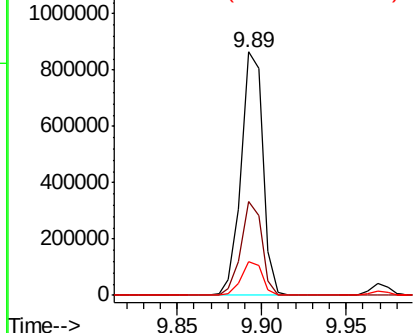
#55
 Dibenzofuran
 Concen: 13.858 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 779183
 Ion Ratio Lower Upper
 168 100
 139 38.6 33.8 50.6
 169 14.0 11.9 17.9

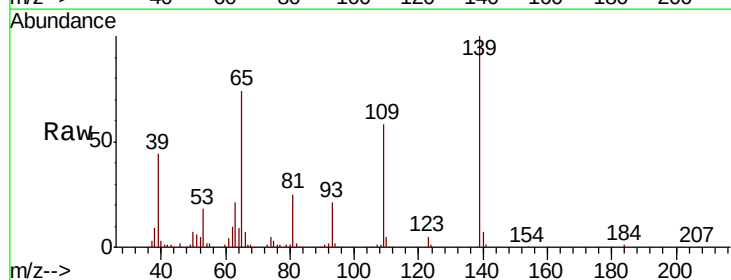


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

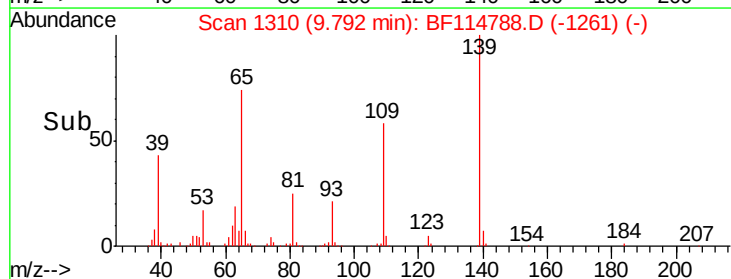
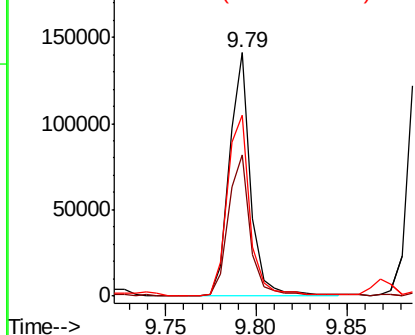


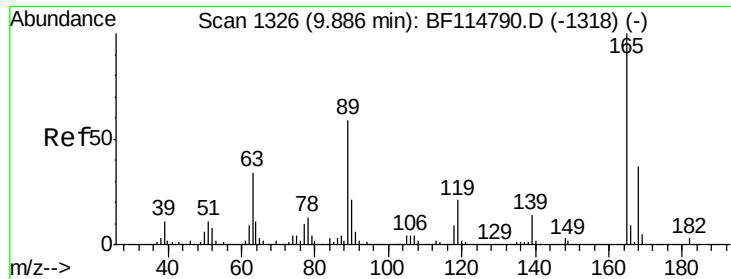
#56
 4-Nitrophenol
 Concen: 11.060 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion:139 Resp: 114723
 Ion Ratio Lower Upper
 139 100
 109 58.1 43.5 83.5
 65 74.3 63.2 103.2



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: 11.679 ng

RT: 9.87 min Scan# 1323

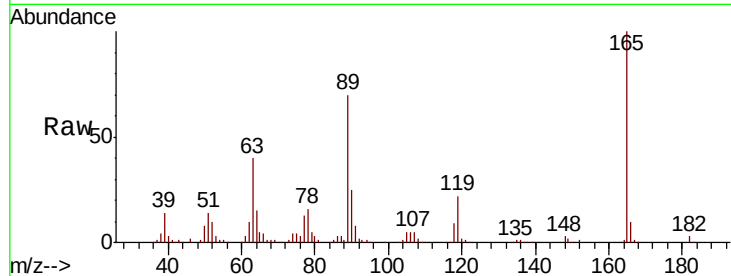
Delta R.T. -0.02 min

Lab File: BF114788.D

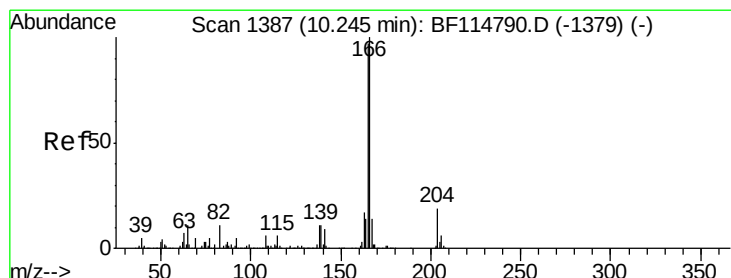
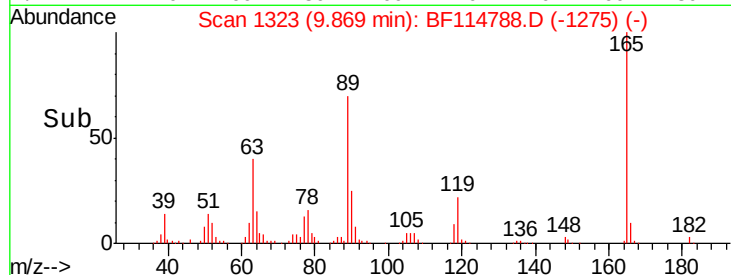
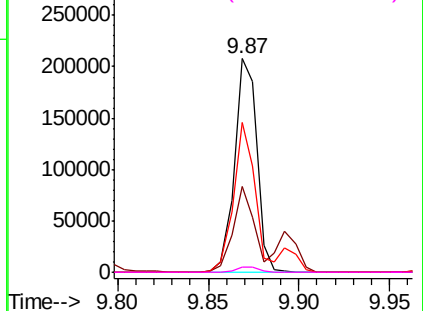
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	178036
Ion Ratio	Lower	Upper
165	100	
63	40.2	27.0 40.4
89	70.2	47.0 70.6
182	2.5	2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 14.575 ng

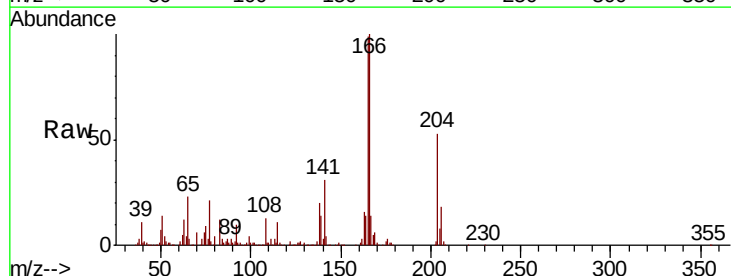
RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

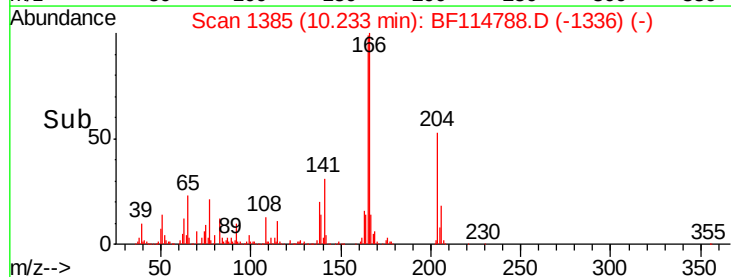
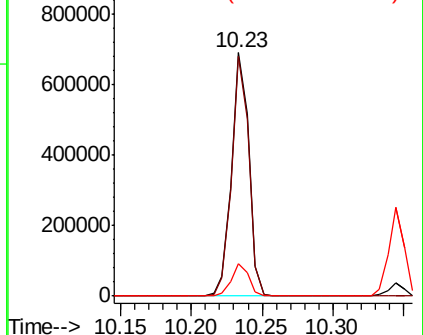
Lab File: BF114788.D

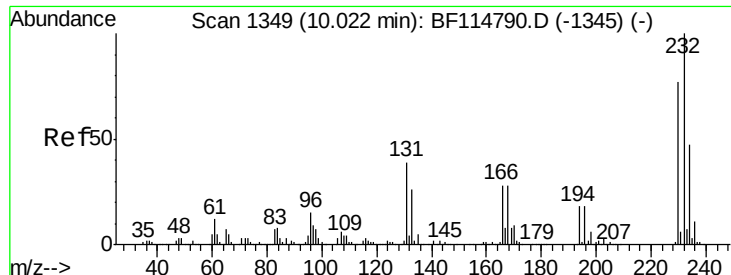
Acq: 4 Jun 2019 11:19

Tgt Ion:166	Resp:	587814
Ion Ratio	Lower	Upper
166	100	
165	98.6	77.9 116.9
167	13.5	11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

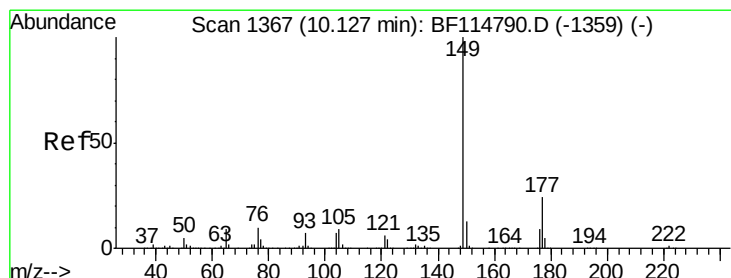
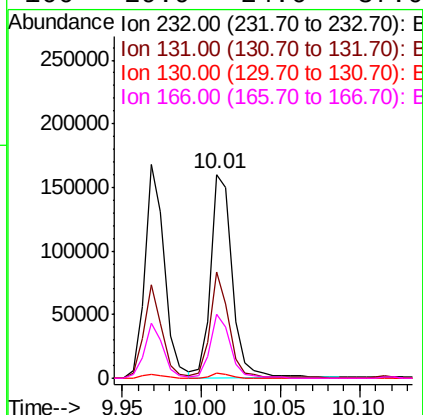
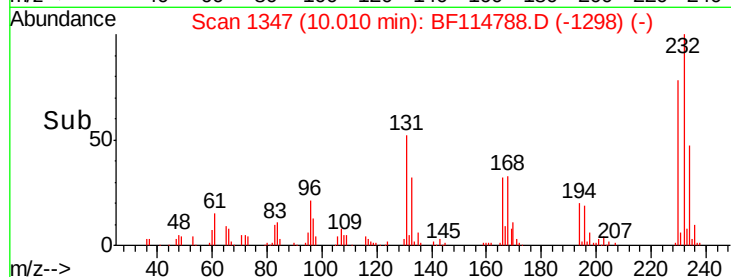
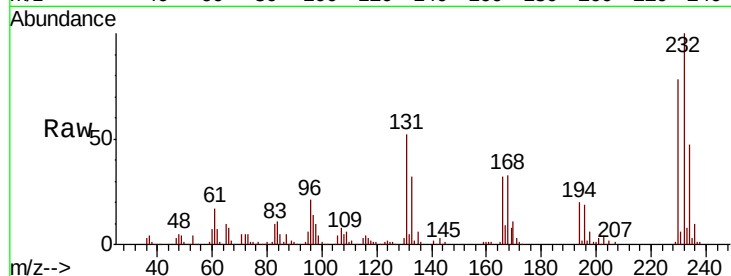




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.819 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

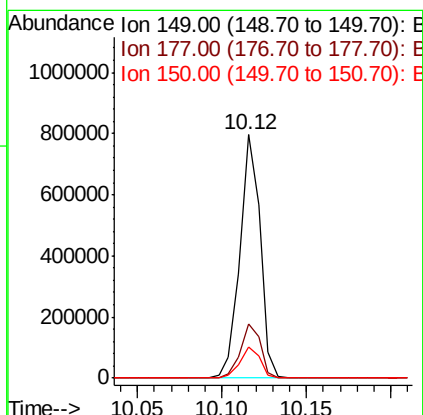
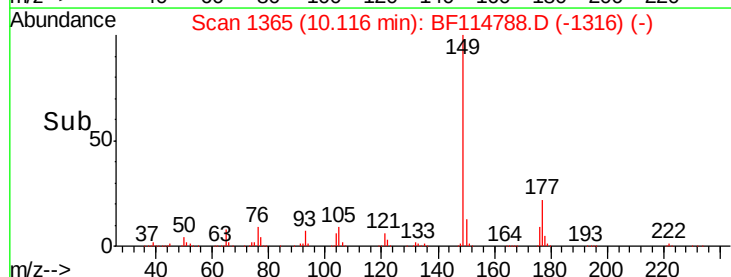
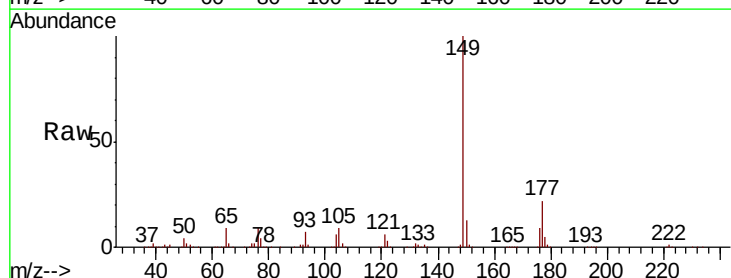
Instrument :
BNA_F
ClientSampleId :

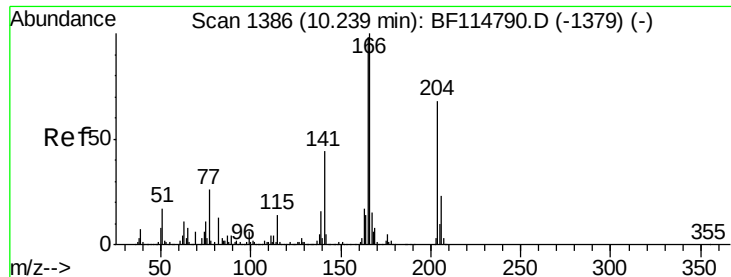
Tot Ion:232 Resp: 152208
Ion Ratio Lower Upper
232 100
131 46.5 36.8 55.2
130 2.1 1.8 2.6
166 29.9 24.6 37.0



#60
Diethylphthalate
Concen: 12.761 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:149 Resp: 662838
Ion Ratio Lower Upper
149 100
177 22.4 19.3 28.9
150 12.8 10.7 16.1

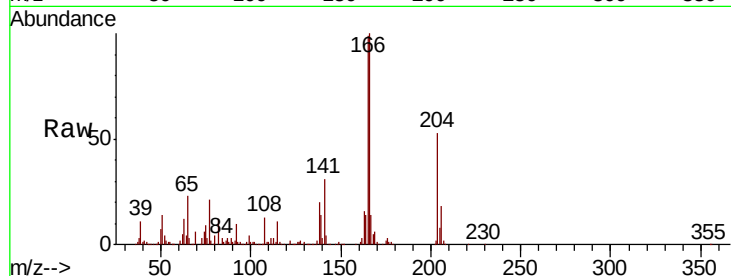




#61
4-Chlorophenyl-phenylether
Concen: 14.256 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	58.8	51.0	76.4

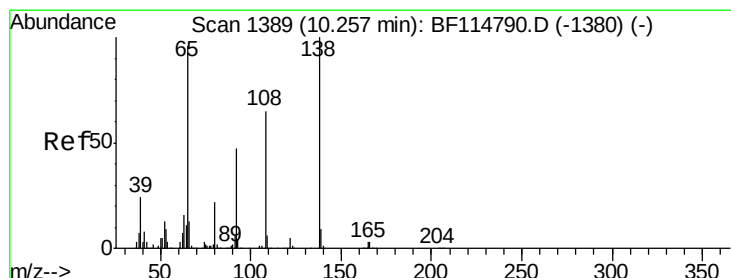
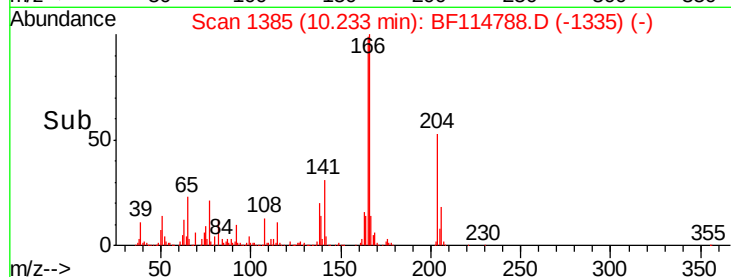
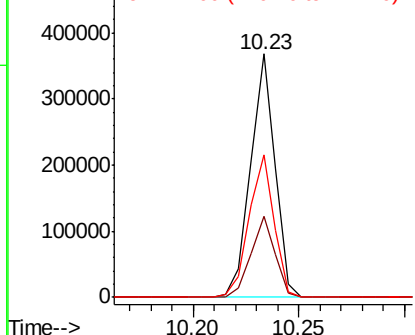


Abundance

Ion 204.00 (203.70 to 204.70): E

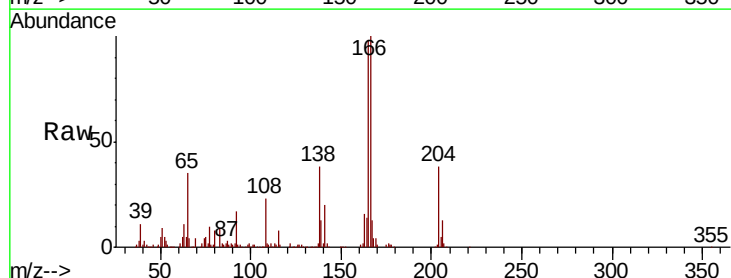
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 11.450 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.2	26.5	66.5
108	60.8	45.4	85.4

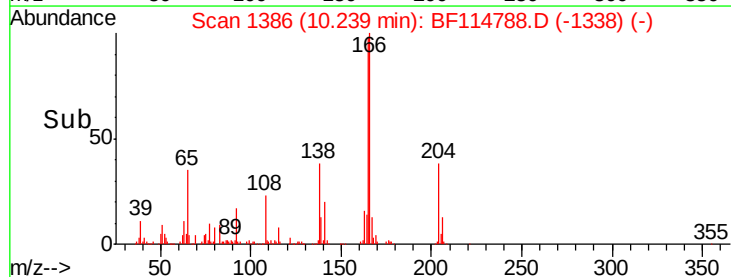
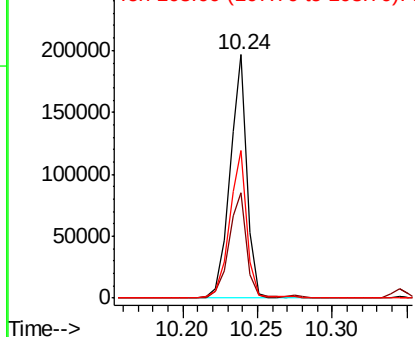


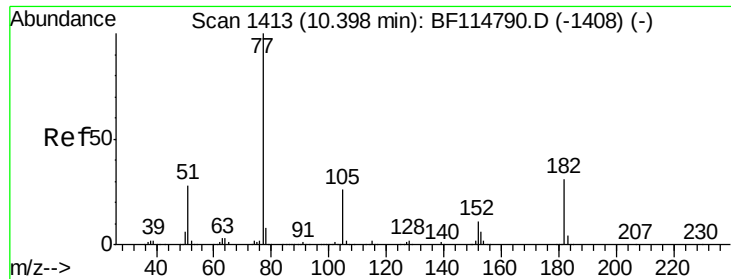
Abundance

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

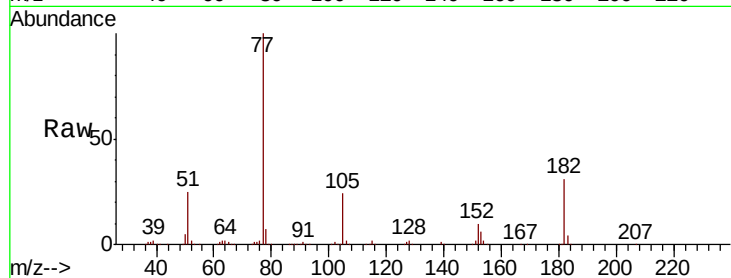




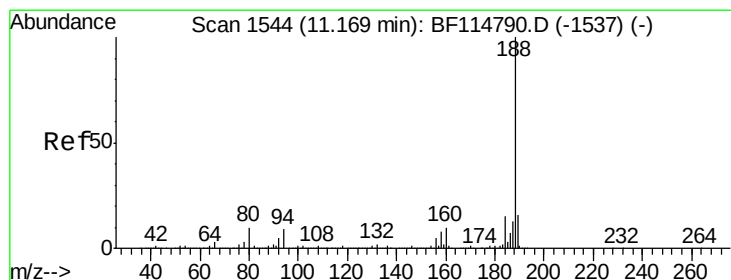
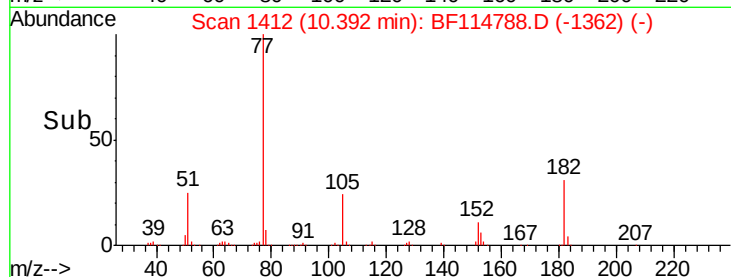
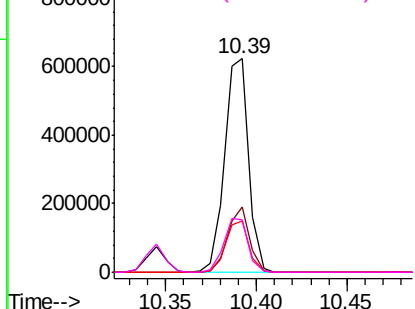
#63
Azobenzene
Concen: 12.855 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 572859
Ion Ratio Lower Upper
77 100
182 30.7 11.2 51.2
105 24.1 5.7 45.7
51 24.6 8.0 48.0

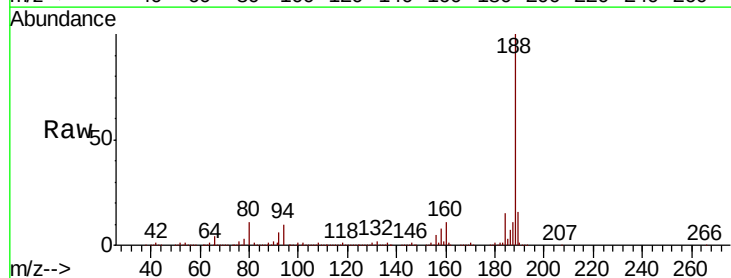


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

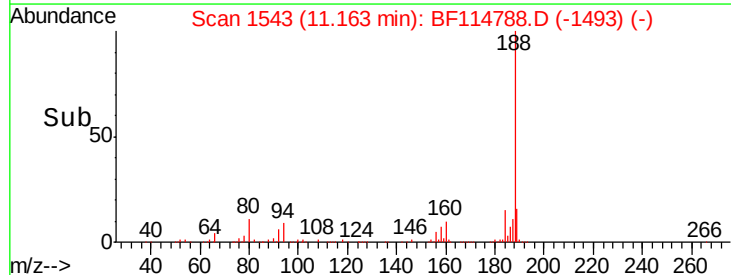
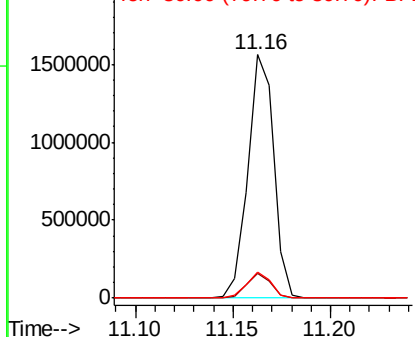


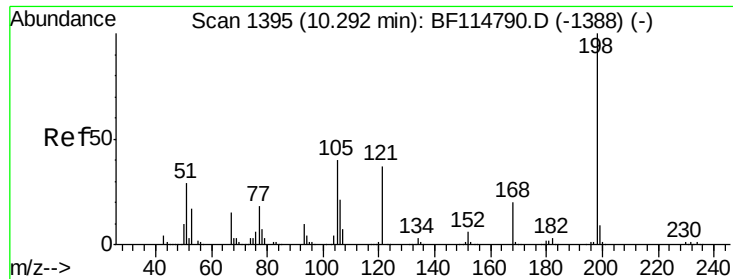
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion: 188 Resp: 1437640
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 10.7 8.3 12.5



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

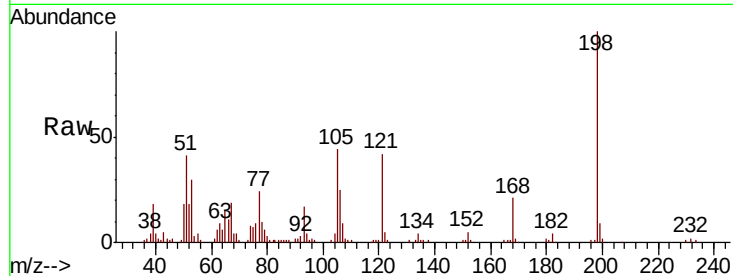




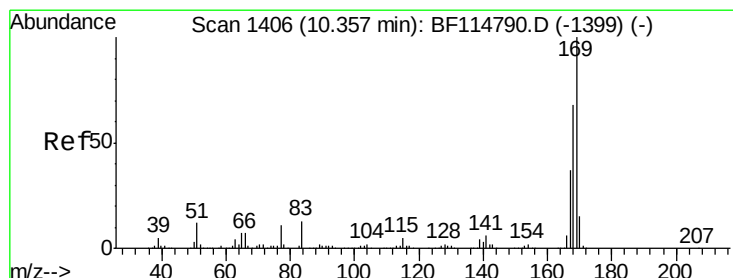
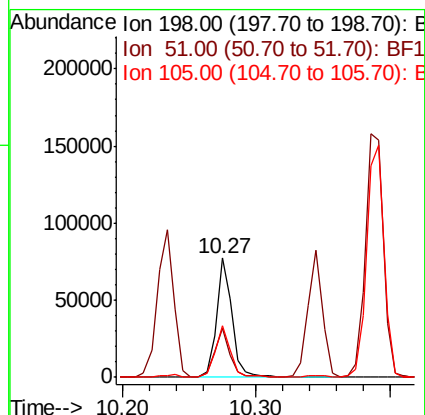
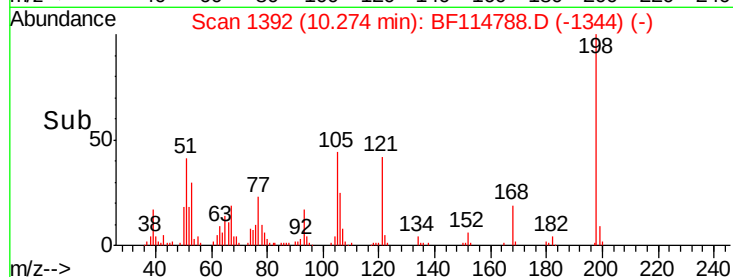
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.481 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 63069
 Ion Ratio Lower Upper
 198 100
 51 41.3 14.9 54.9
 105 43.8 21.0 61.0

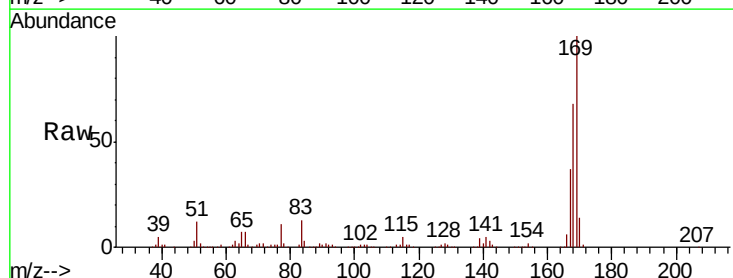


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

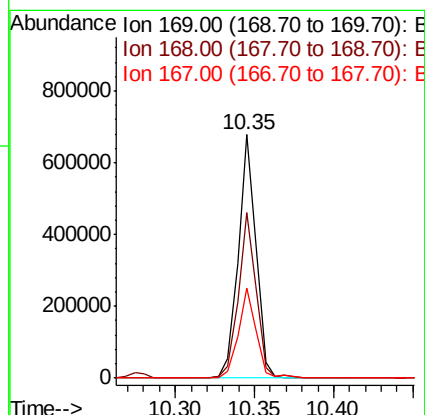
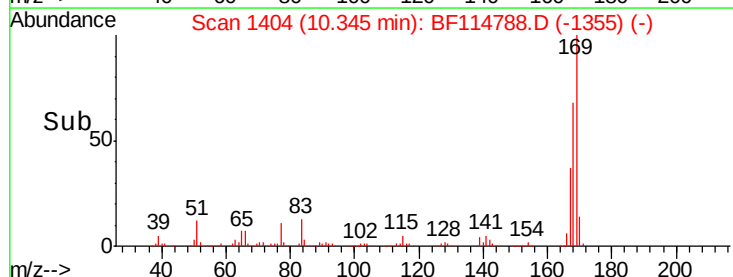


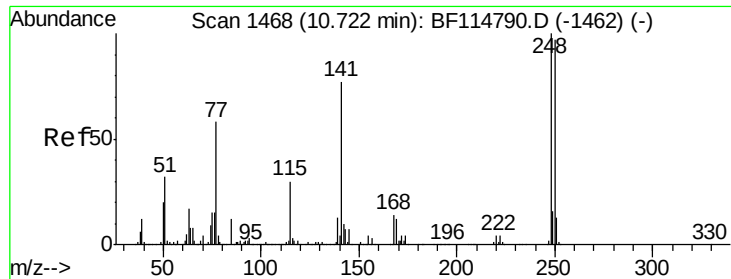
#66
 n-Nitrosodiphenylamine
 Concen: 12.489 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion:169 Resp: 527537
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.3 81.5
 167 36.8 29.9 44.9



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

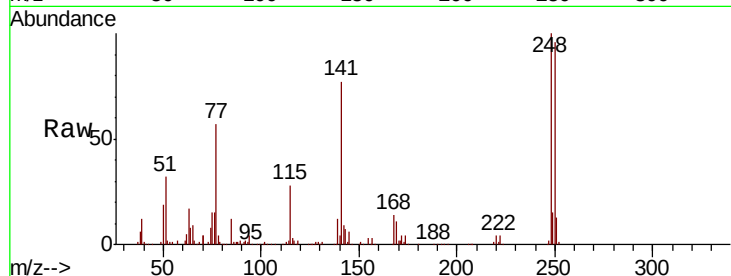




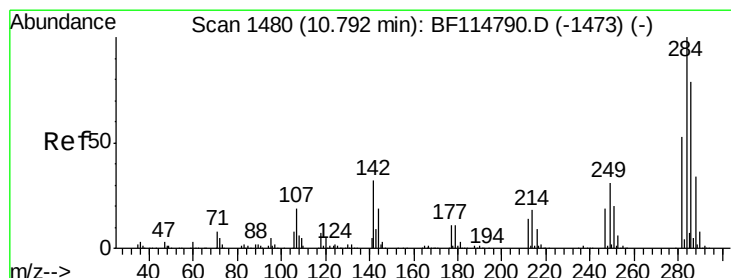
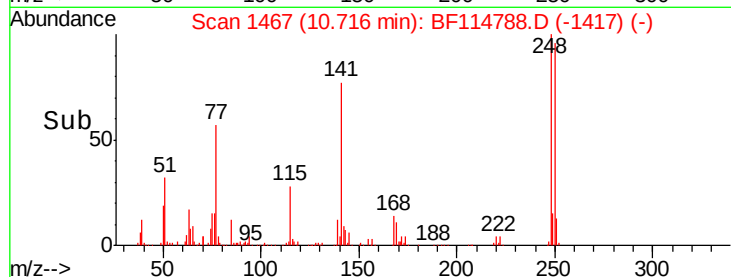
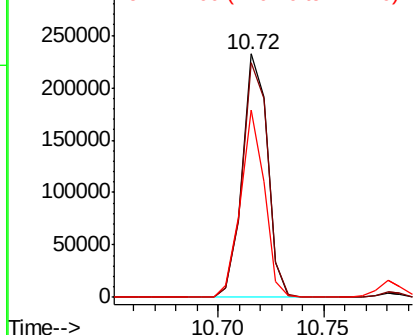
#67
4-Bromophenyl-phenylether
Concen: 12.053 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 191392
Ion Ratio Lower Upper
248 100
250 96.2 77.5 116.3
141 77.0 61.8 92.8

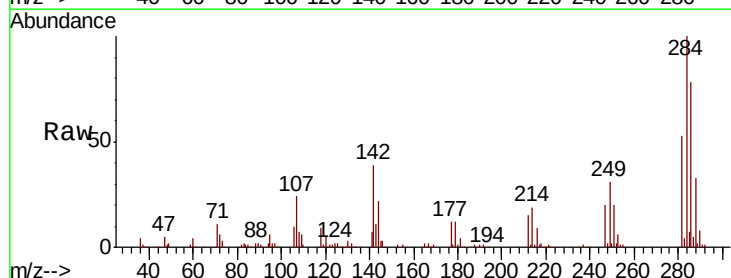


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

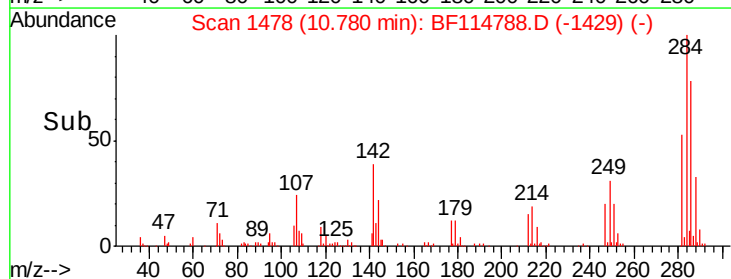
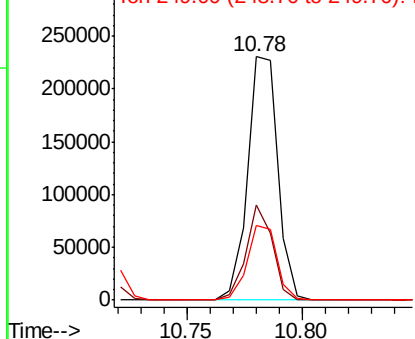


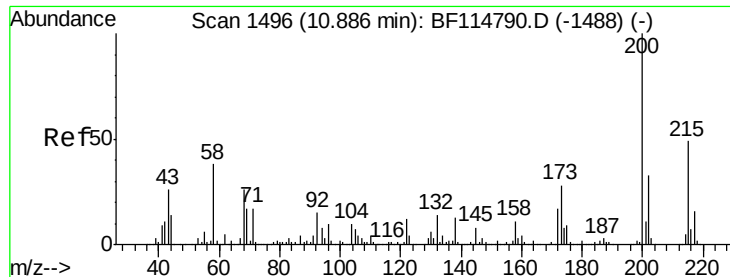
#68
Hexachlorobenzene
Concen: 12.161 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:284 Resp: 211146
Ion Ratio Lower Upper
284 100
142 39.0 25.3 37.9#
249 30.8 24.9 37.3



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

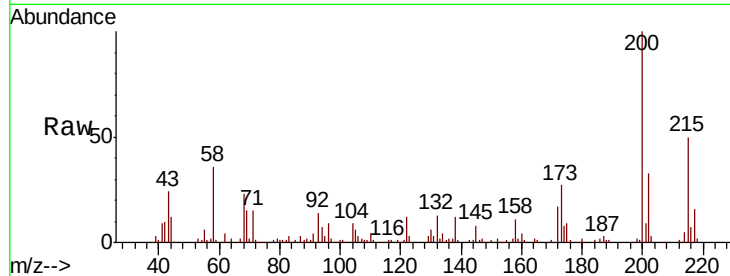




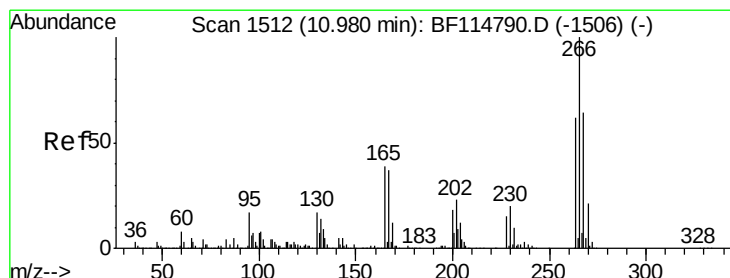
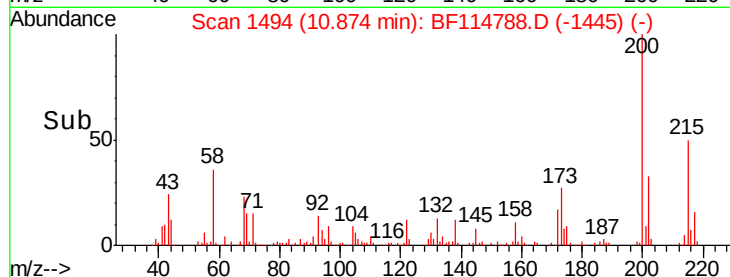
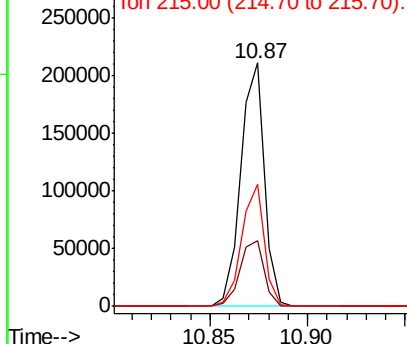
#69
 Atrazine
 Concen: 14.107 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.0	48.0
215	50.2	28.7	68.7

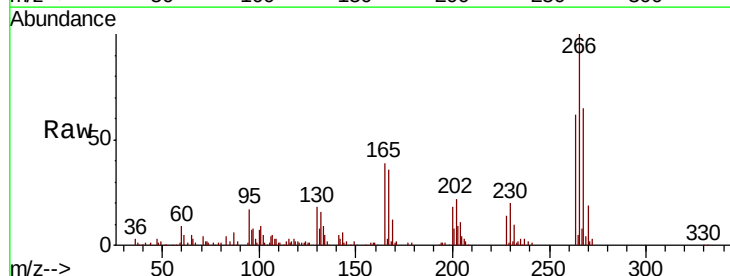


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

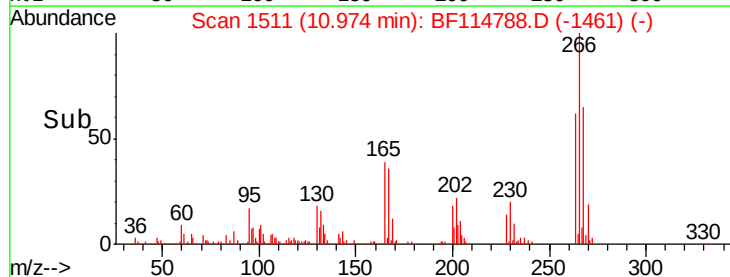
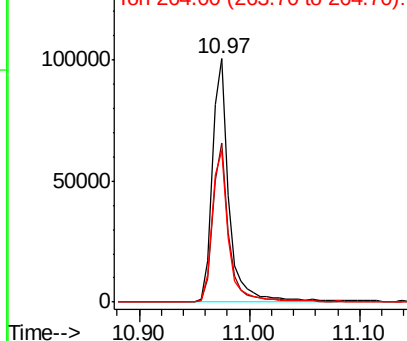


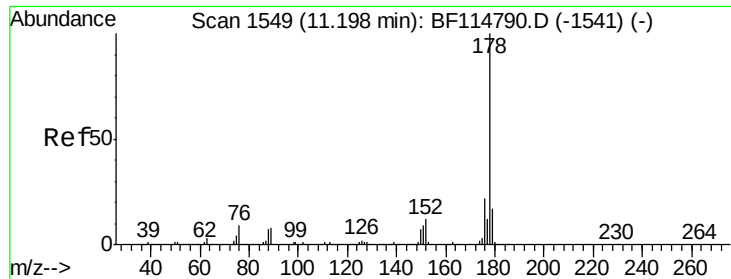
#70
 Pentachlorophenol
 Concen: 10.426 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.0	76.6
264	62.4	49.6	74.4



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: 13.825 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

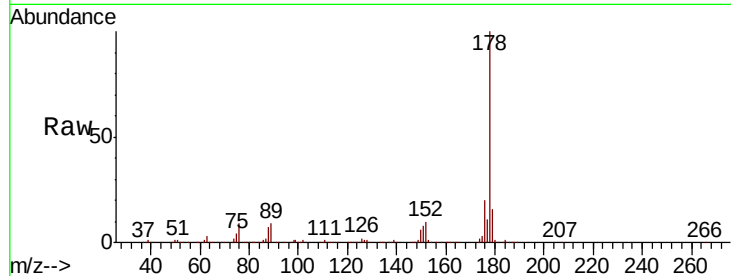
Tot Ion:178 Resp: 922512

Ion Ratio Lower Upper

178 100

176 19.5 17.7 26.5

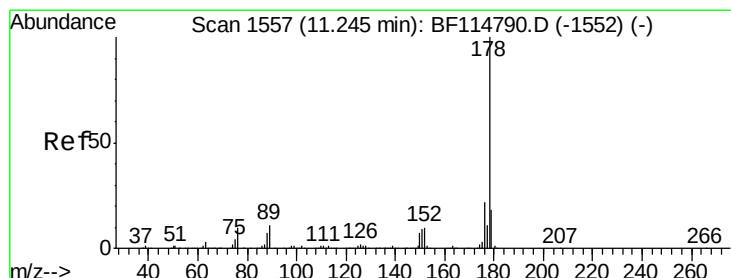
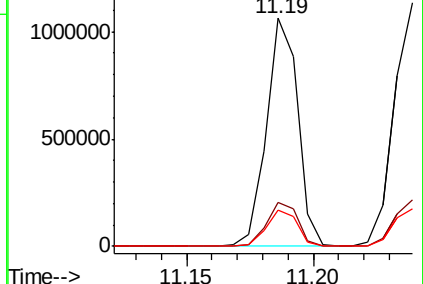
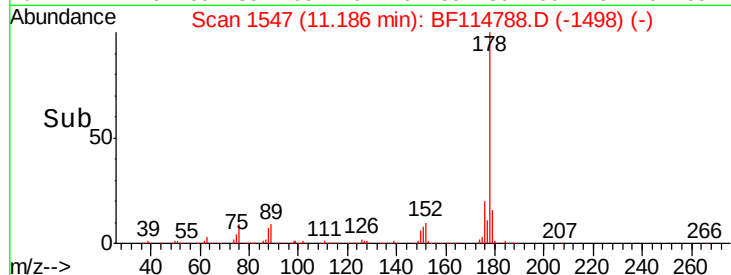
179 15.9 13.7 20.5



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: 13.948 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

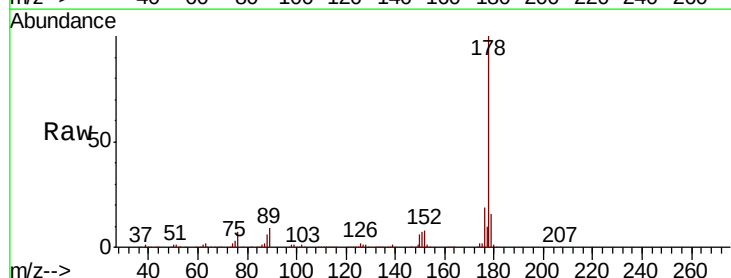
Tgt Ion:178 Resp: 933831

Ion Ratio Lower Upper

178 100

176 19.2 17.4 26.0

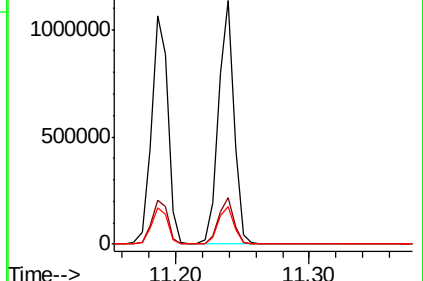
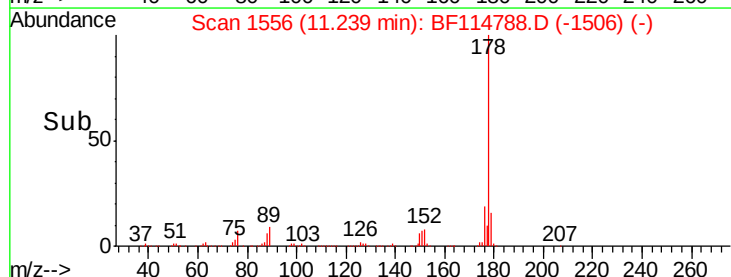
179 15.5 14.2 21.4

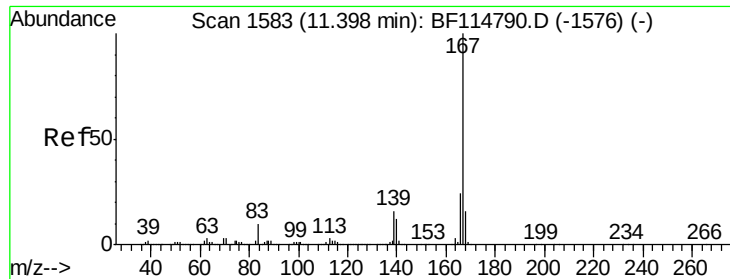


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

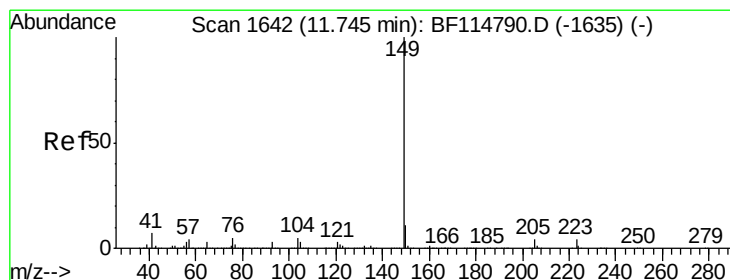
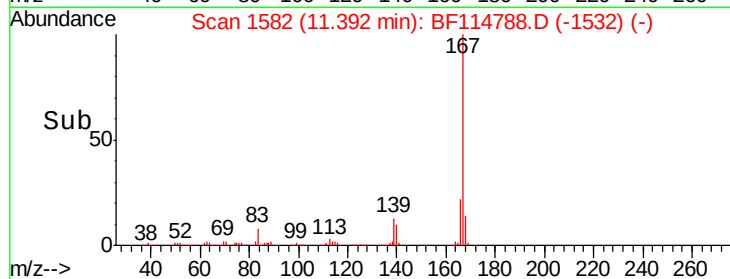
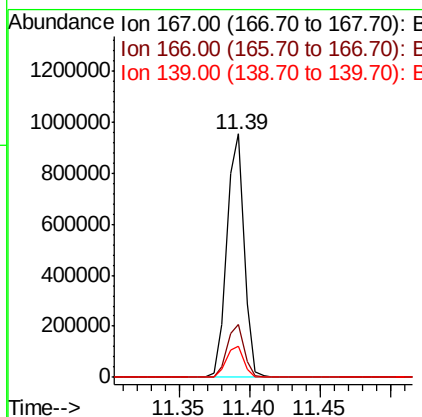
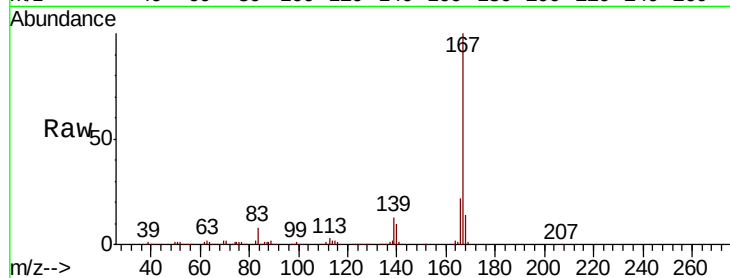




#73
 Carbazole
 Concen: 13.417 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

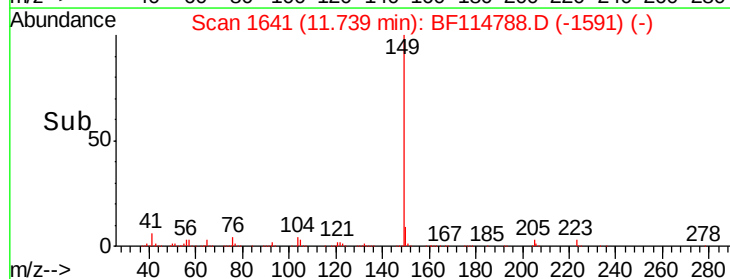
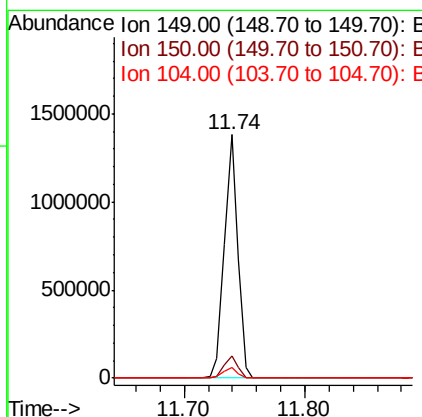
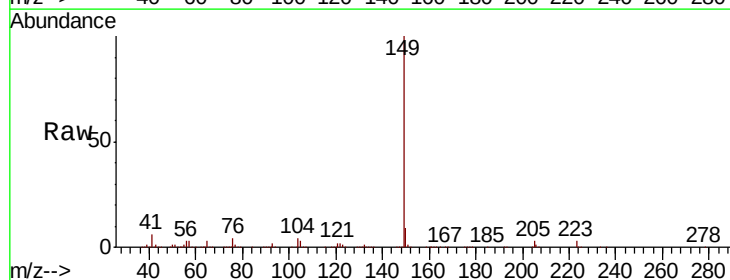
Instrument :
 BNA_F
 ClientSampleId :

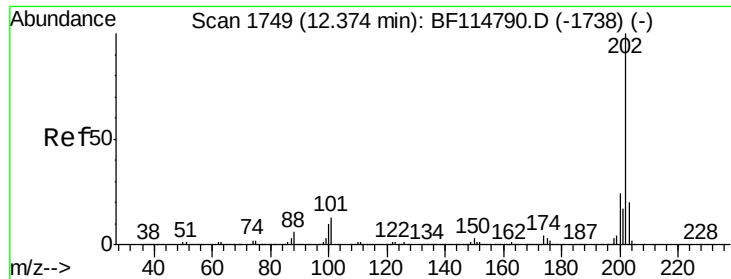
Tot Ion:167 Resp: 813009
 Ion Ratio Lower Upper
 167 100
 166 21.7 19.1 28.7
 139 12.8 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 13.748 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion:149 Resp: 1061986
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.9 13.3
 104 4.4 4.3 6.5





#75

Fluoranthene

Concen: 13.844 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampled :

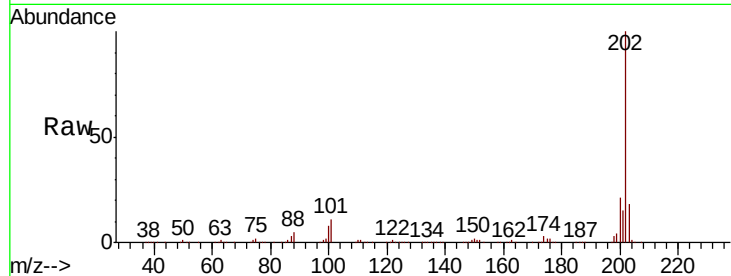
Tot Ion:202 Resp: 928861

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.8

203 17.8 0.2 40.2

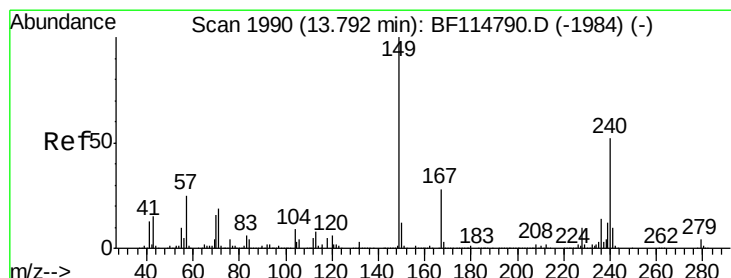
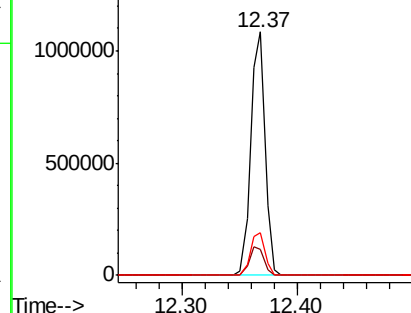
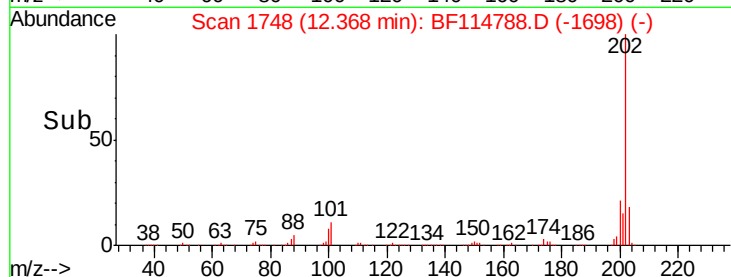


Abundance

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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

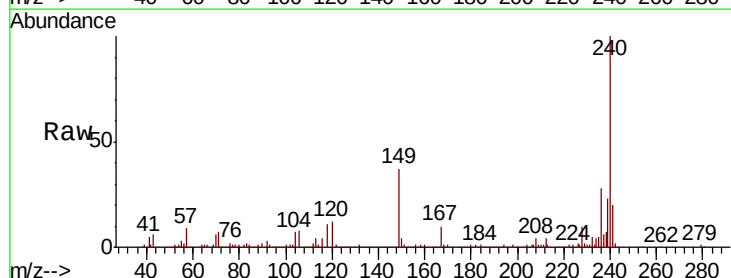
Tgt Ion:240 Resp: 1070692

Ion Ratio Lower Upper

240 100

120 12.3 9.0 13.4

236 27.5 21.4 32.0

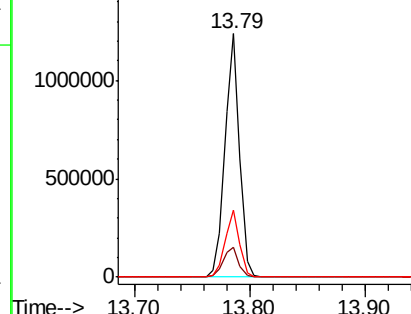
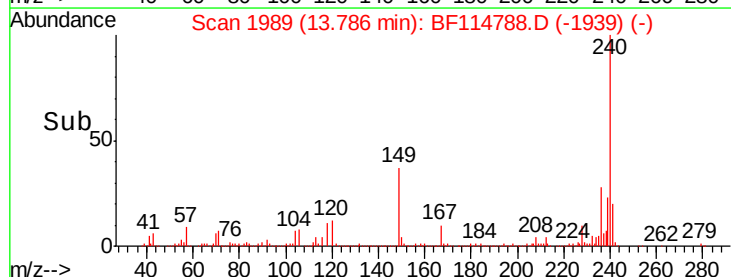


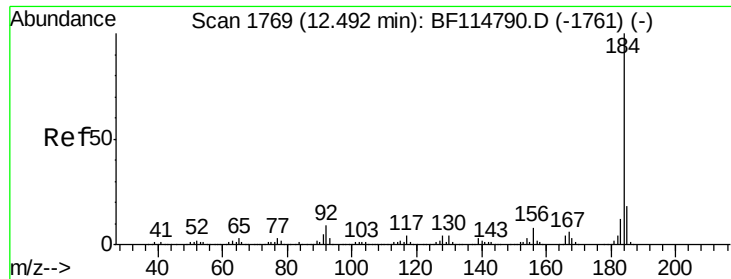
Abundance

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: 12.818 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

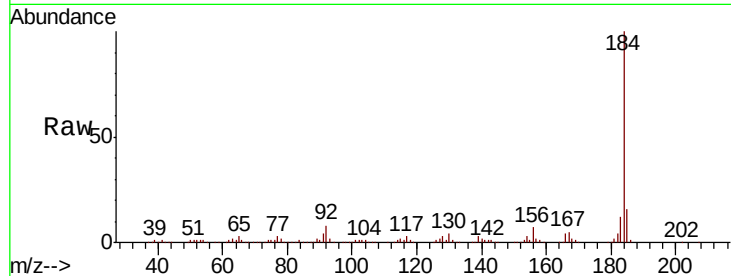
Tot Ion:184 Resp: 542571

Ion Ratio Lower Upper

184 100

185 15.7 14.1 21.1

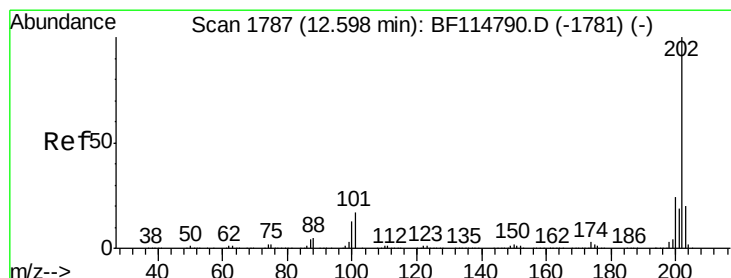
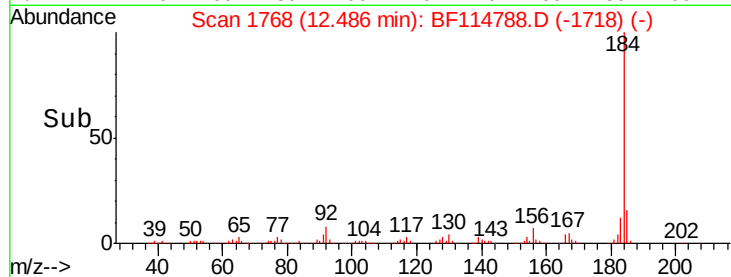
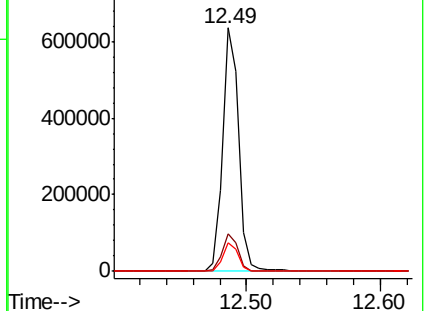
183 11.8 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.795 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

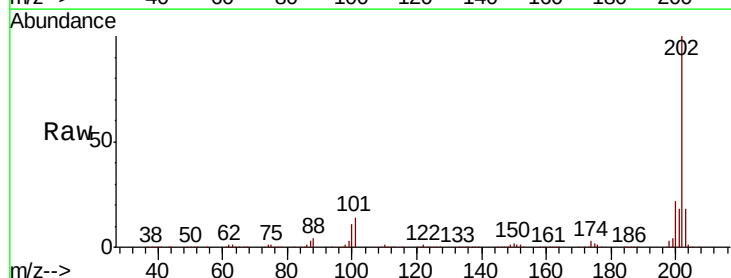
Tgt Ion:202 Resp: 964597

Ion Ratio Lower Upper

202 100

200 21.8 19.2 28.8

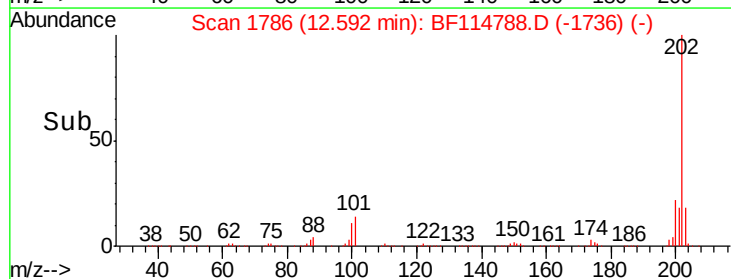
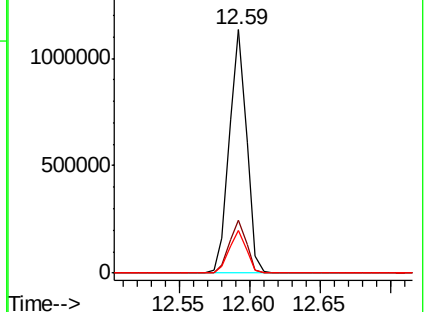
203 17.5 15.9 23.9

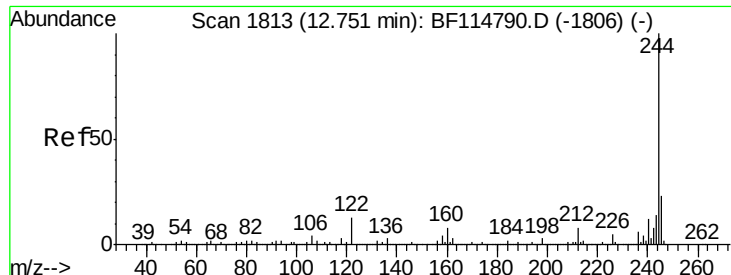


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

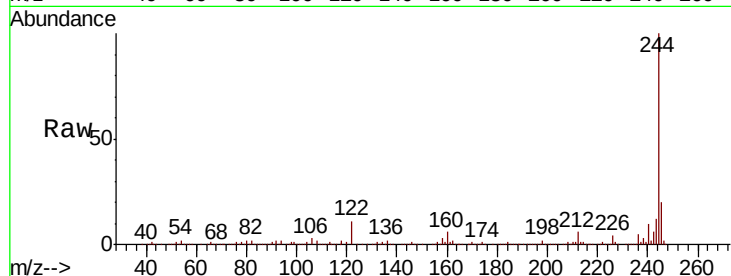




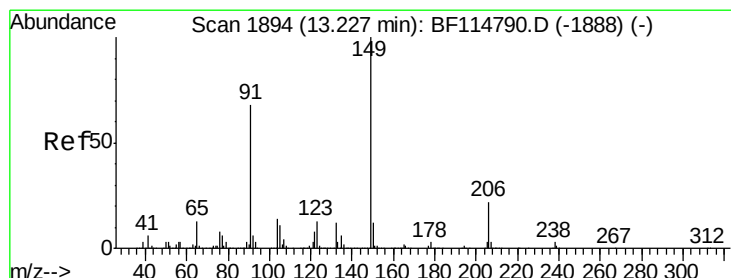
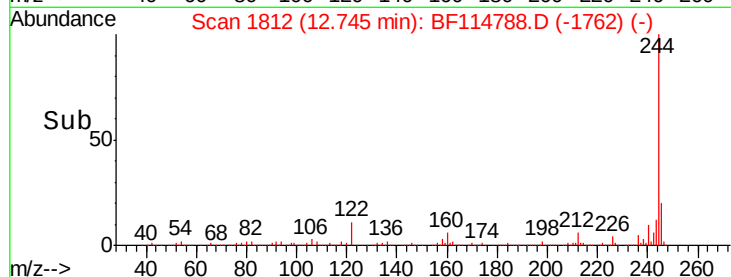
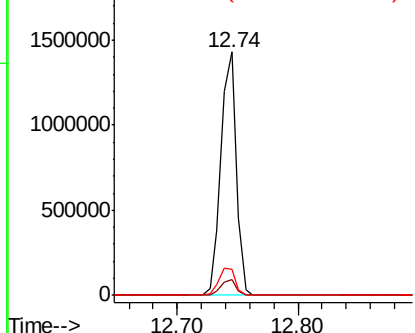
#79
 Terphenyl-d14
 Concen: 21.684 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1250966
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 10.6 10.5 15.7

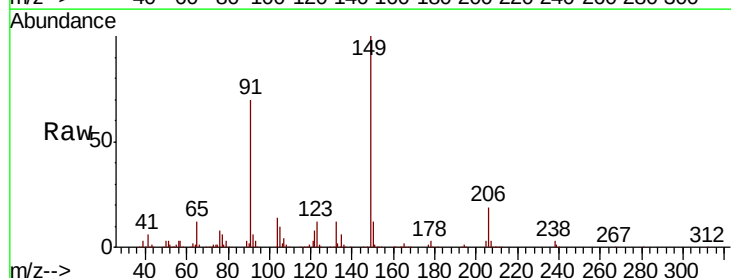


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

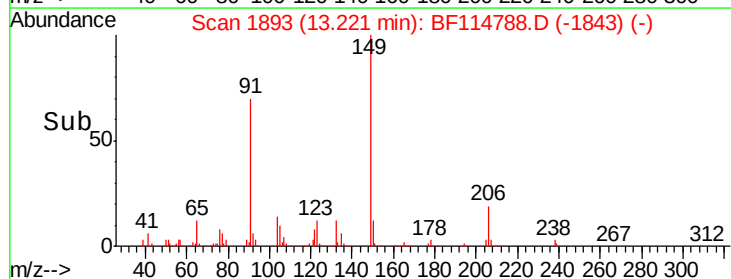
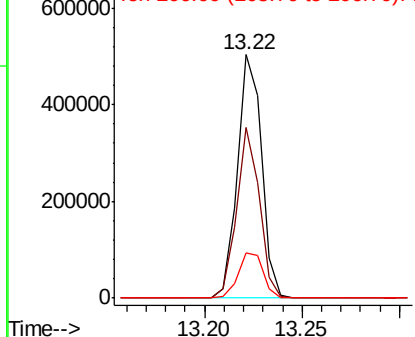


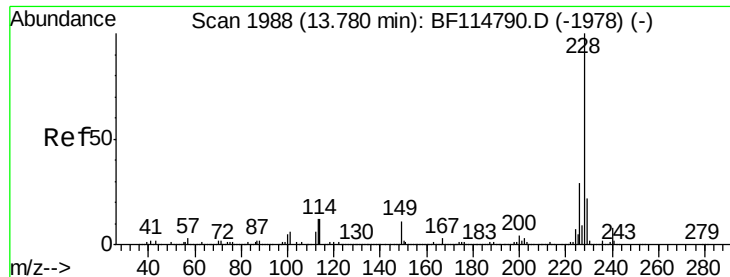
#80
 Butylbenzylphthalate
 Concen: 9.367 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BF114788.D
 Acq: 4 Jun 2019 11:19

Tgt Ion:149 Resp: 430301
 Ion Ratio Lower Upper
 149 100
 91 69.9 54.6 82.0
 206 18.7 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.752 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampled :

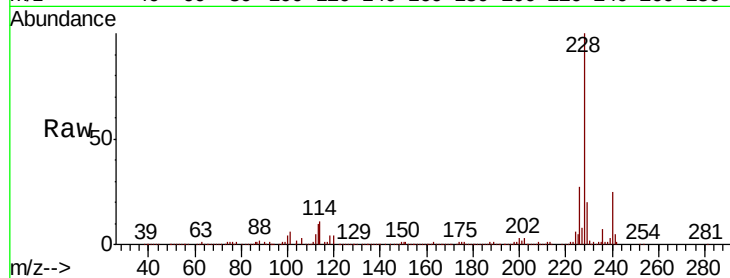
Tot Ion:228 Resp: 859328

Ion Ratio Lower Upper

228 100

226 26.8 23.4 35.2

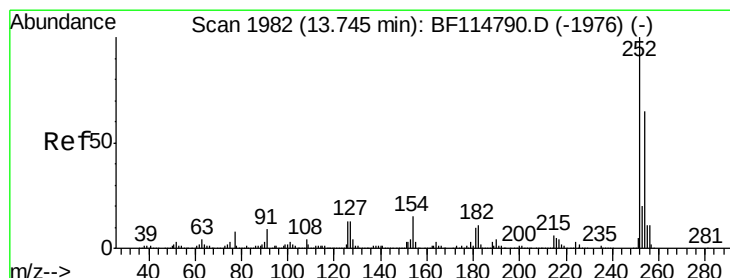
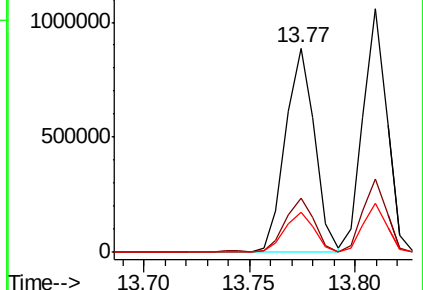
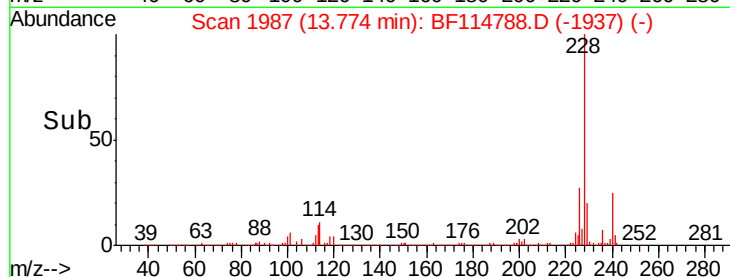
229 19.7 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.295 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

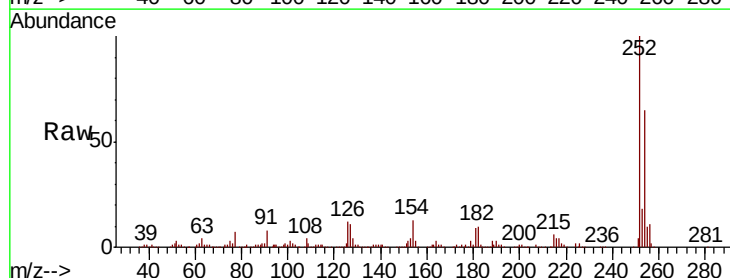
Tgt Ion:252 Resp: 326355

Ion Ratio Lower Upper

252 100

254 64.8 51.9 77.9

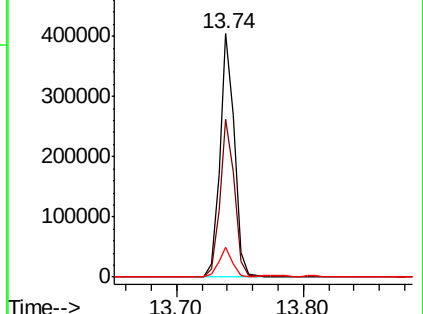
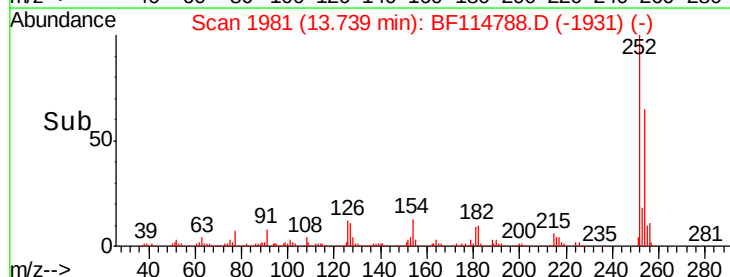
126 12.3 10.5 15.7

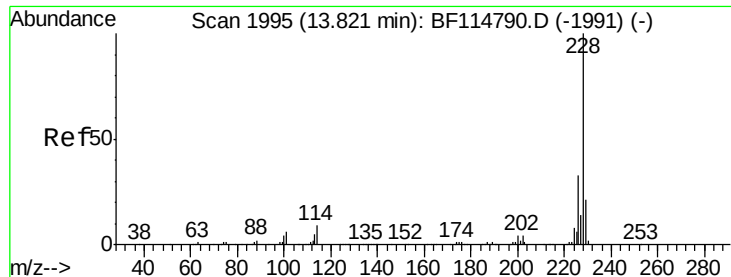


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.924 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampled :

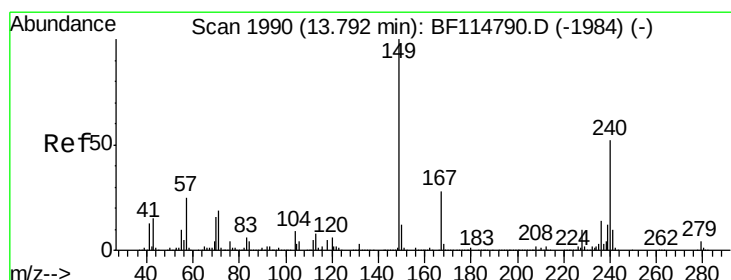
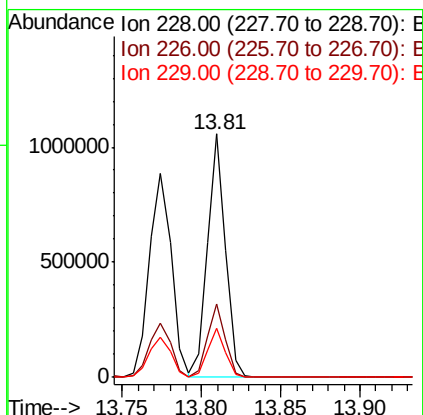
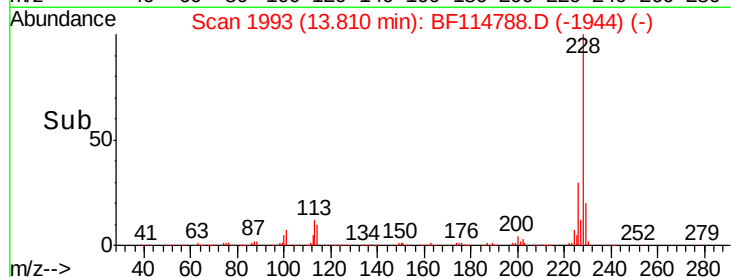
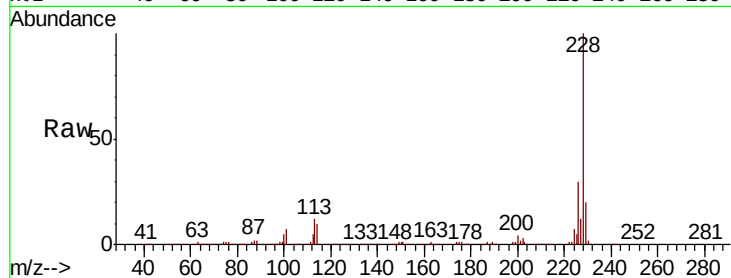
Tot Ion:228 Resp: 842009

Ion Ratio Lower Upper

228 100

226 30.3 26.0 39.0

229 20.0 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.574 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

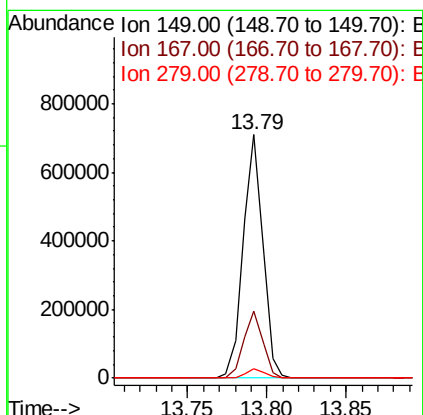
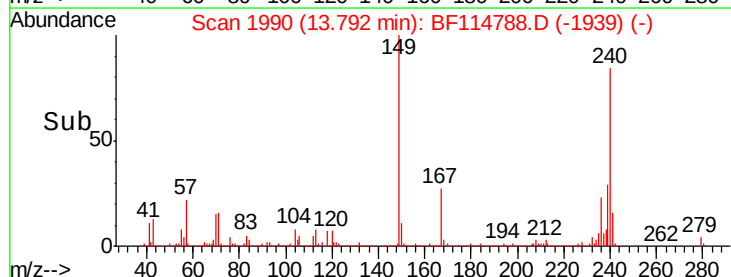
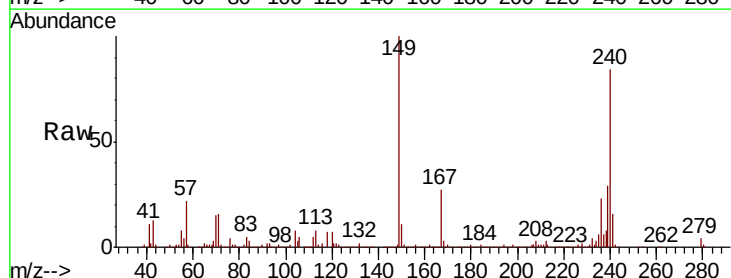
Tgt Ion:149 Resp: 608708

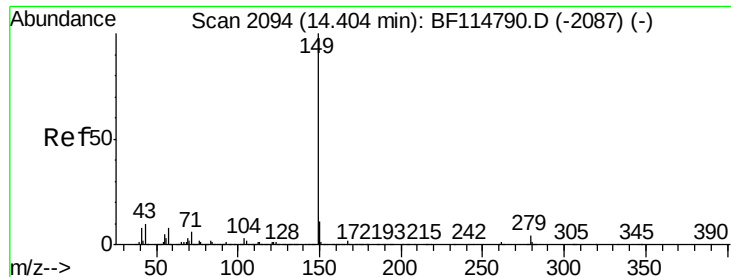
Ion Ratio Lower Upper

149 100

167 27.4 22.7 34.1

279 3.8 3.1 4.7

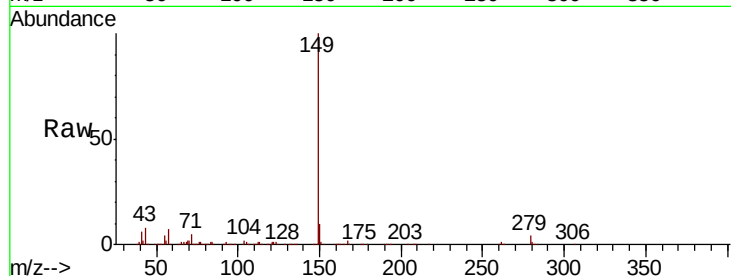




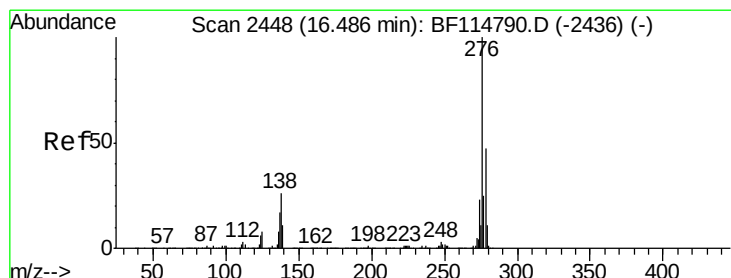
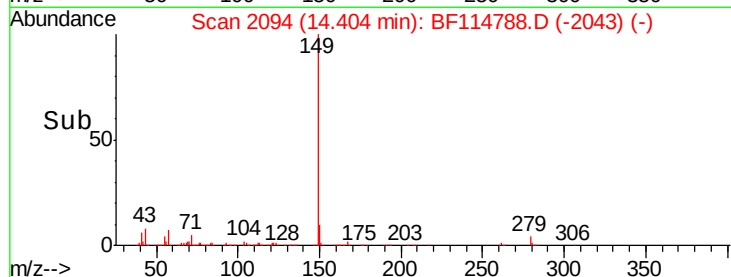
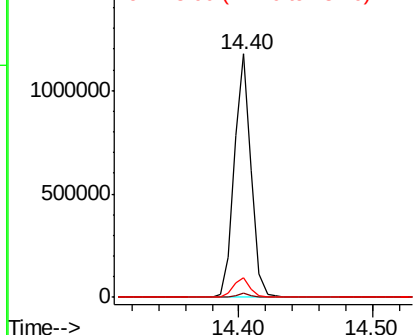
#85
Di-n-octyl phthalate
Concen: 10.554 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1032039
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.1 7.0 10.6

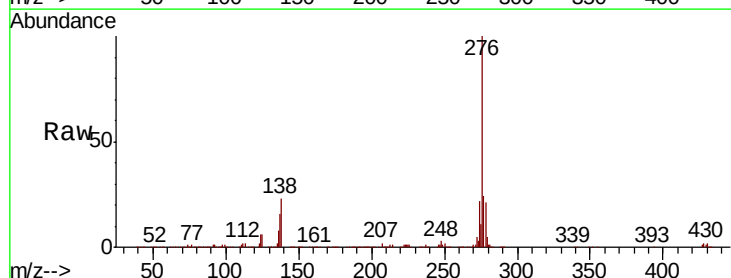


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

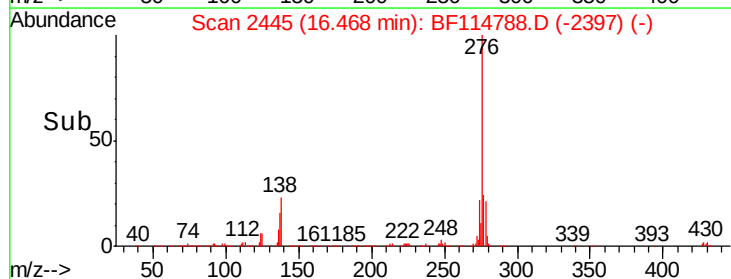
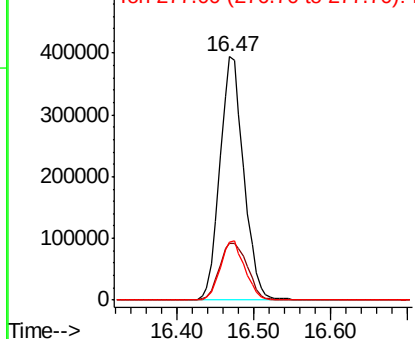


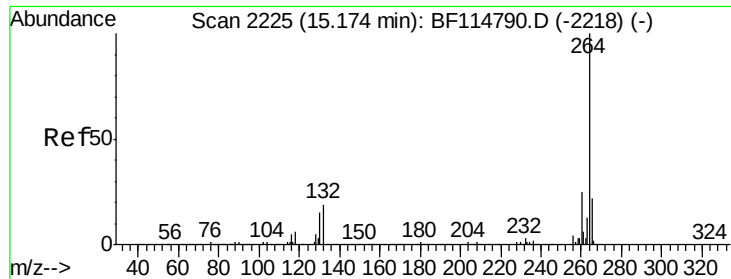
#86
Indeno(1,2,3-cd)pyrene
Concen: 9.378 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:276 Resp: 849641
Ion Ratio Lower Upper
276 100
138 27.5 22.2 33.4
277 24.9 20.6 30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

Instrument :

BNA_F

ClientSampleId :

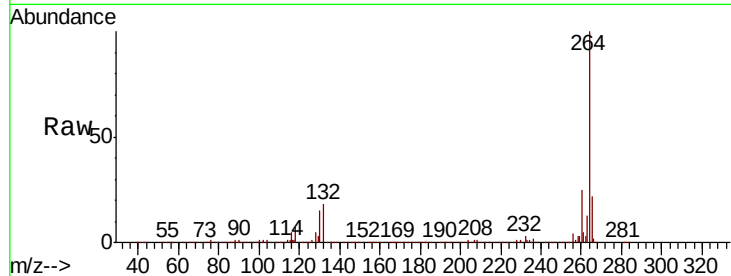
Tot Ion:264 Resp: 1168713

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

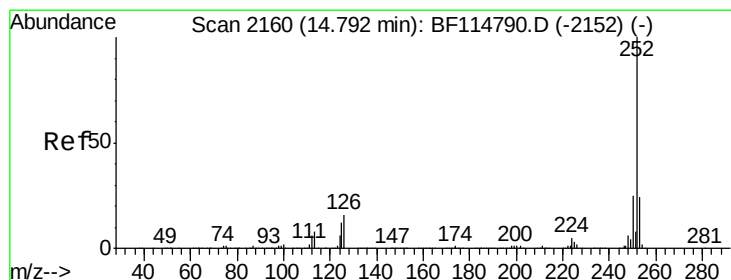
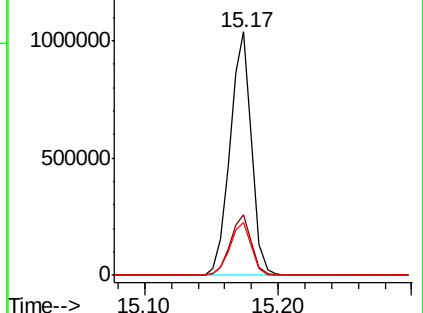
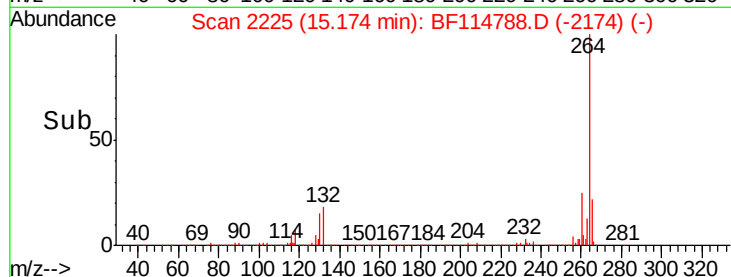
265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 11.306 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BF114788.D

Acq: 4 Jun 2019 11:19

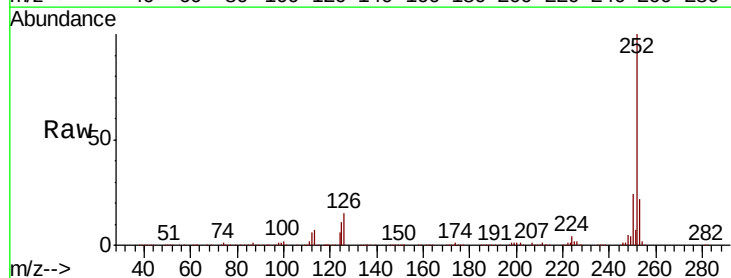
Tgt Ion:252 Resp: 802275

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.6

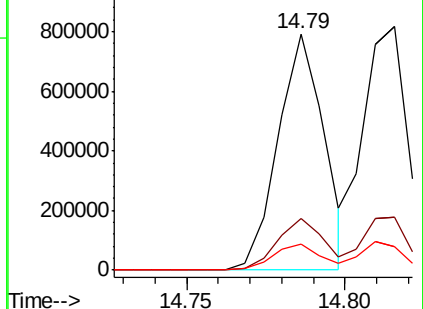
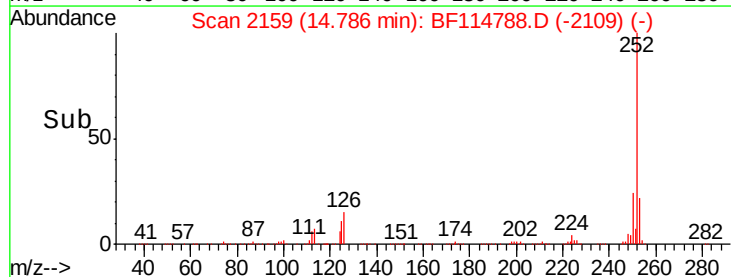
125 11.2 9.4 14.0

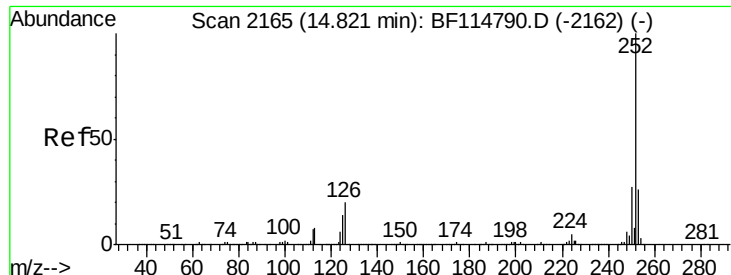


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

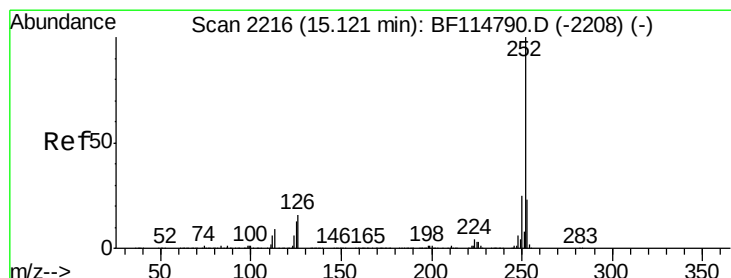
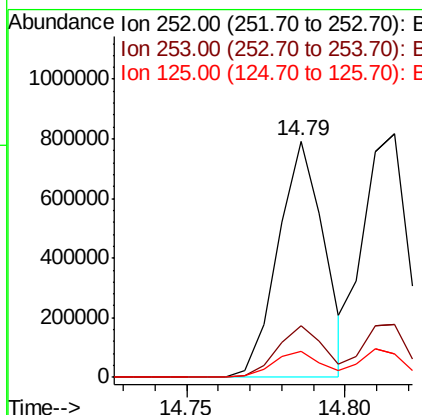
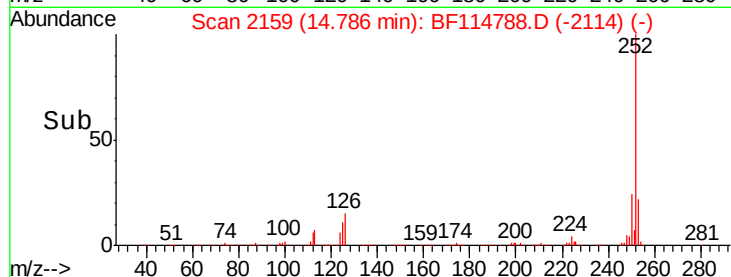
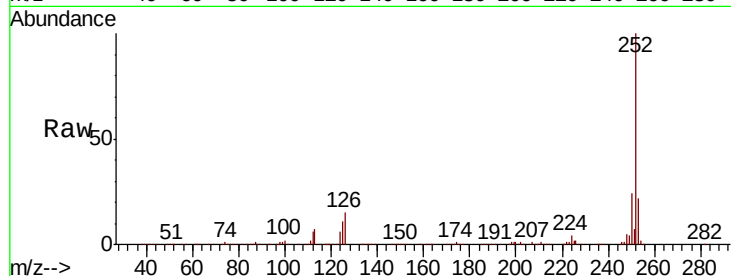




#89
Benzo(k)fluoranthene
Concen: 13.494 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

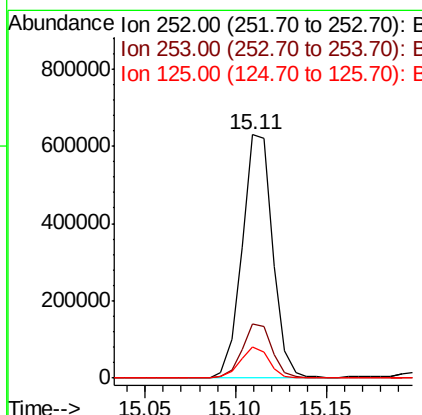
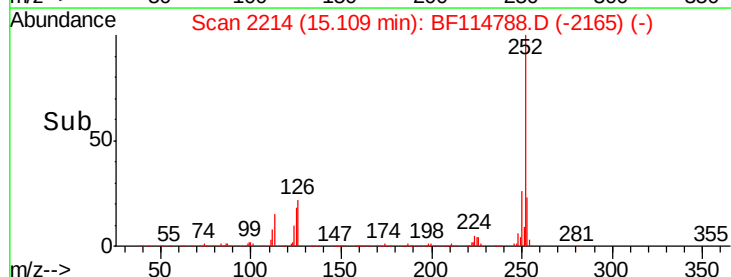
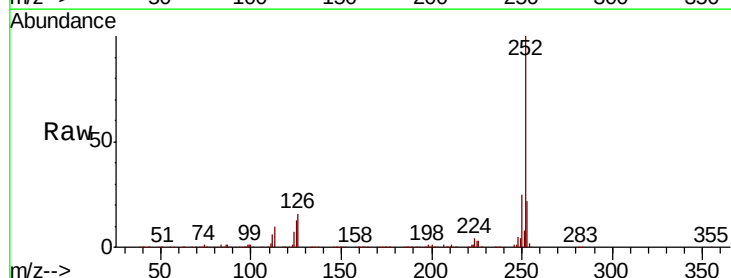
Instrument :
BNA_F
ClientSampled :

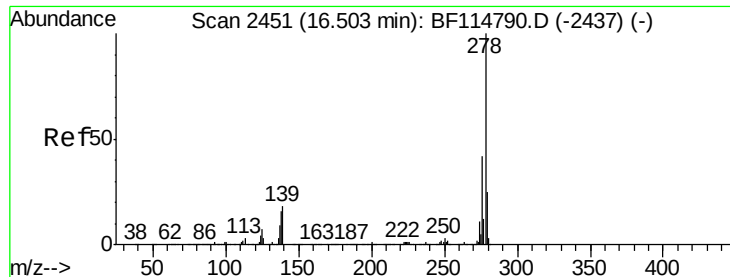
Tot Ion:252 Resp: 802275
Ion Ratio Lower Upper
252 100
253 21.8 19.3 28.9
125 11.2 10.1 15.1



#90
Benzo(a)pyrene
Concen: 11.817 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:252 Resp: 738055
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 12.9 10.1 15.1

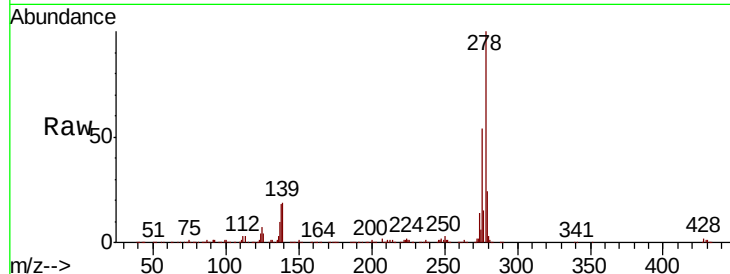




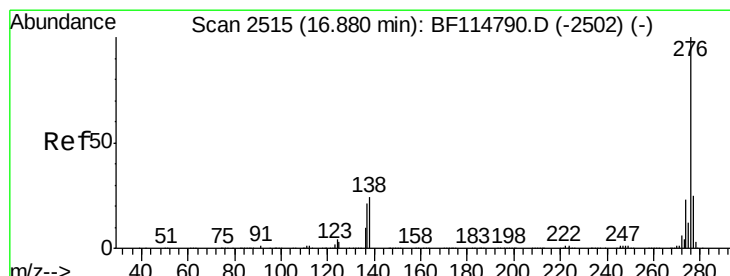
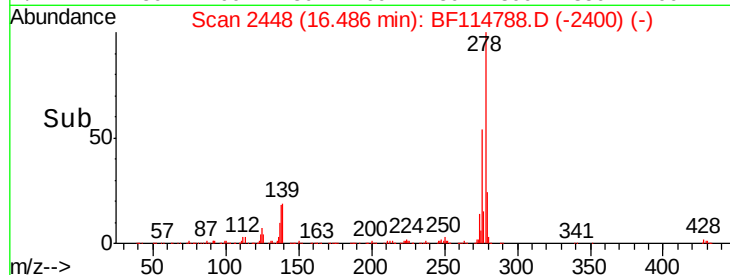
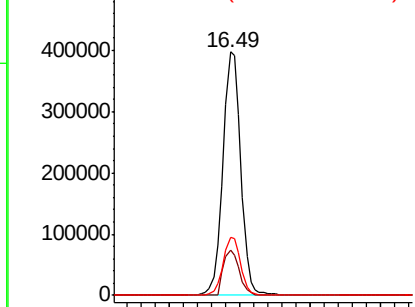
#91
Dibenzo(a,h)anthracene
Concen: 11.868 ng
RT: 16.49 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 703582
Ion Ratio Lower Upper
278 100
139 18.8 14.6 22.0
279 23.9 20.1 30.1

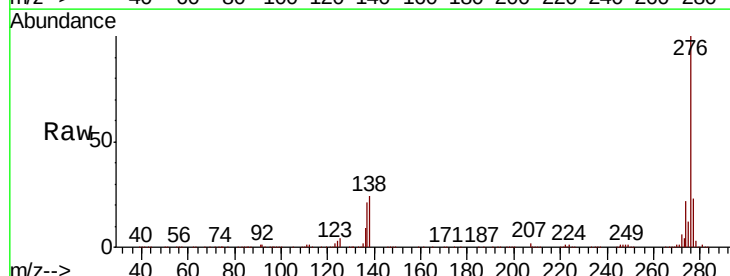


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 11.086 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF114788.D
Acq: 4 Jun 2019 11:19

Tgt Ion:276 Resp: 664515
Ion Ratio Lower Upper
276 100
277 23.4 19.8 29.6
138 24.0 19.4 29.2



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

