

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112619.D
 Acq On : 19 Feb 2019 14:22
 Operator : JU/SJ
 Sample : K1515-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 16:15:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96874	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	387958	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	192364	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	376356	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	286320	20.00	ng	0.00
87) Perylene-d12	15.47	264	270623	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	728135	159.65	ng	-0.02
7) Phenol-d6	6.48	99	896984	141.54	ng	-0.01
23) Nitrobenzene-d5	7.39	82	591119	87.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	300981	134.42	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1125121	82.72	ng	-0.02
79) Terphenyl-d14	12.93	244	1234062	81.18	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	82786	45.566	ng	94
3) Pyridine	3.35	79	218358	47.248	ng	97
4) n-Nitrosodimethylamine	3.30	42	118017	60.781	ng	# 87
6) Aniline	6.49	93	354984	47.087	ng	# 50
8) 2-Chlorophenol	6.62	128	296863	48.385	ng	98
9) Benzaldehyde	6.37	77	123302	37.224	ng	99
10) Phenol	6.49	94	367266	52.822	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	254004	46.403	ng	98
12) 1,3-Dichlorobenzene	6.76	146	320522	44.858	ng	98
13) 1,4-Dichlorobenzene	6.84	146	323963	44.054	ng	98
14) 1,2-Dichlorobenzene	6.99	146	310376	45.080	ng	96
15) Benzyl Alcohol	6.97	79	248511	46.518	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	317325	45.150	ng	# 15
17) 2-Methylphenol	7.09	107	230012	47.292	ng	# 86
18) Hexachloroethane	7.33	117	123110	47.674	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	206078	47.158	ng	100
20) 3+4-Methylphenols	7.25	107	302924	48.706	ng	# 63
22) Acetophenone	7.23	105	416684	44.108	ng	93
24) Nitrobenzene	7.41	77	303025	45.064	ng	98
25) Isophorone	7.65	82	550745	52.140	ng	97
26) 2-Nitrophenol	7.73	139	163135	45.396	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	260025	52.518	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	339476	47.200	ng	100
29) 2,4-Dichlorophenol	7.98	162	255919	46.189	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	283073	44.447	ng	99
31) Naphthalene	8.13	128	873309	48.136	ng	99
32) Benzoic acid	7.92	122	107427	38.038	ng	95
33) 4-Chloroaniline	8.18	127	293188	37.114	ng	97
34) Hexachlorobutadiene	8.24	225	164783	44.091	ng	100
35) Caprolactam	8.56	113	44757	22.898	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	268658	45.803	ng	95
37) 2-Methylnaphthalene	8.82	142	621307	50.024	ng	96
38) 1-Methylnaphthalene	8.92	142	584548	49.103	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	283167	44.833	ng	98

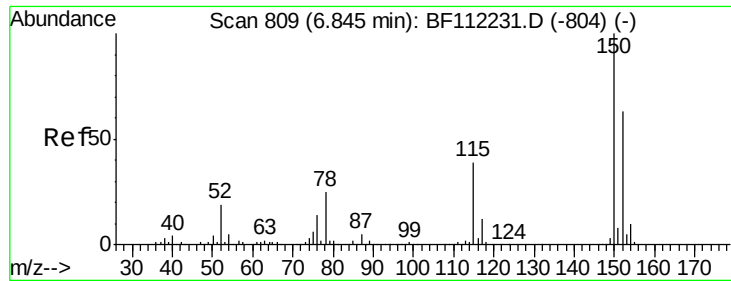
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	151519	65.283	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	176025	45.213	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	181020	44.488	ng	96
46) 1,1'-Biphenyl	9.28	154	759661	45.172	ng	99
47) 2-Chloronaphthalene	9.31	162	583875	44.772	ng	95
48) 2-Nitroaniline	9.42	65	165002	46.421	ng	90
49) Acenaphthylene	9.73	152	925318	48.409	ng	98
50) Dimethylphthalate	9.58	163	776926	51.983	ng	99
51) 2,6-Dinitrotoluene	9.66	165	157081	46.928	ng	# 88
52) Acenaphthene	9.90	154	535511	46.899	ng	99
53) 3-Nitroaniline	9.83	138	126516	34.888	ng	88
54) 2,4-Dinitrophenol	9.96	184	104610	97.382	ng	95
55) Dibenzofuran	10.07	168	810883	46.471	ng	93
56) 4-Nitrophenol	10.02	139	112646	58.755	ng	93
57) 2,4-Dinitrotoluene	10.07	165	204447	47.977	ng	# 57
58) Fluorene	10.42	166	666977	51.079	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	149764	48.705	ng	93
60) Diethylphthalate	10.28	149	751645	50.678	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	329763	46.426	ng	90
62) 4-Nitroaniline	10.45	138	146028	41.055	ng	91
63) Azobenzene	10.56	77	641321	49.165	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	86216	40.859	ng	96
66) n-Nitrosodiphenylamine	10.52	169	588011	46.358	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	199663	45.106	ng	93
68) Hexachlorobenzene	10.97	284	219927	46.309	ng	93
69) Atrazine	11.05	200	175443	42.866	ng	96
70) Pentachlorophenol	11.17	266	126441	68.424	ng	97
71) Phenanthrene	11.38	178	952678	48.690	ng	98
72) Anthracene	11.43	178	993574	50.978	ng	99
73) Carbazole	11.59	167	811616	42.215	ng	99
74) Di-n-butylphthalate	11.90	149	1221468	51.185	ng	98
75) Fluoranthene	12.57	202	966493	46.054	ng	99
77) Benzidine	12.69	184	589541	74.810	ng	95
78) Pyrene	12.80	202	968335	48.849	ng	98
80) Butylbenzylphthalate	13.40	149	479808	50.028	ng	94
81) Benzo(a)anthracene	13.99	228	840364	49.928	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	248866	39.508	ng	99
83) Chrysene	14.03	228	779072	48.491	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	729424	53.579	ng	# 97
85) Di-n-octyl phthalate	14.56	149	1162206	55.487	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	824654	64.777	ng	96
88) Benzo(b)fluoranthene	15.04	252	782314	48.337	ng	98
89) Benzo(k)fluoranthene	15.07	252	754723	48.684	ng	98
90) Benzo(a)pyrene	15.42	252	737543	50.646	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	691788	58.942	ng	99
92) Benzo(g,h,i)perylene	17.43	276	671637	60.655	ng	94

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

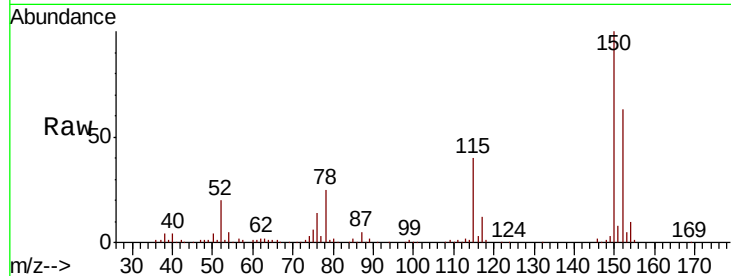


#1

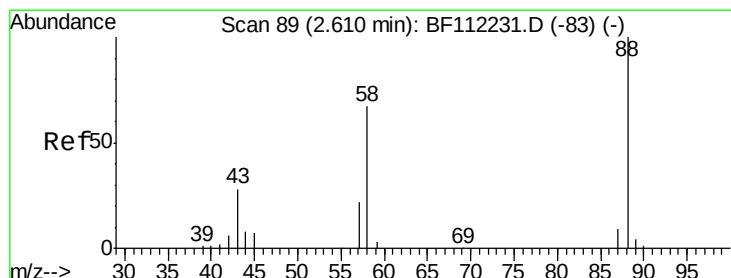
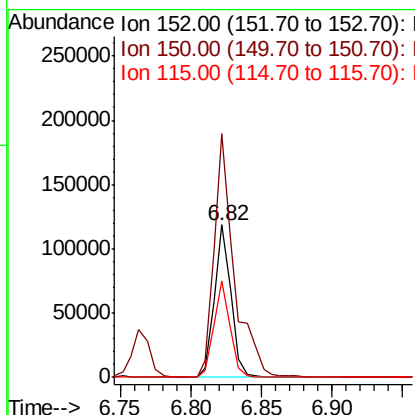
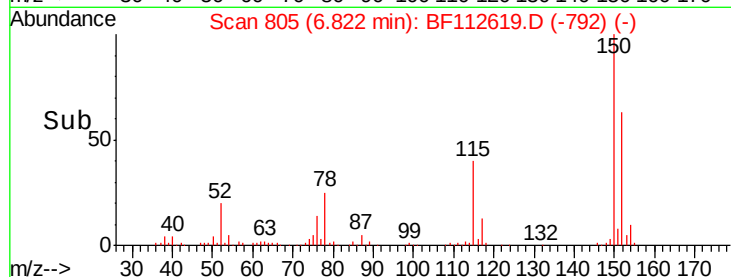
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96874
Ion Ratio Lower Upper
152 100
150 159.7 127.4 191.0
115 63.3 45.5 68.3



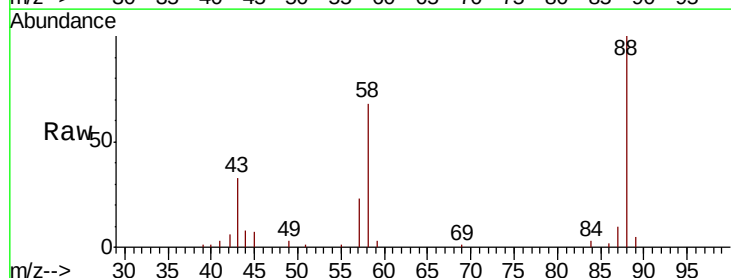
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



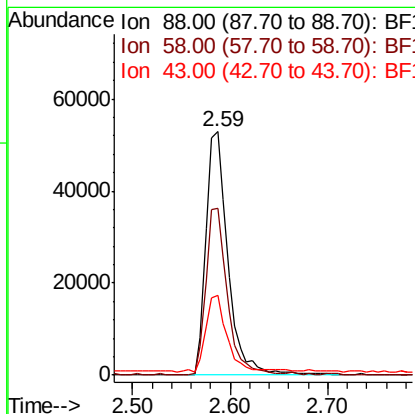
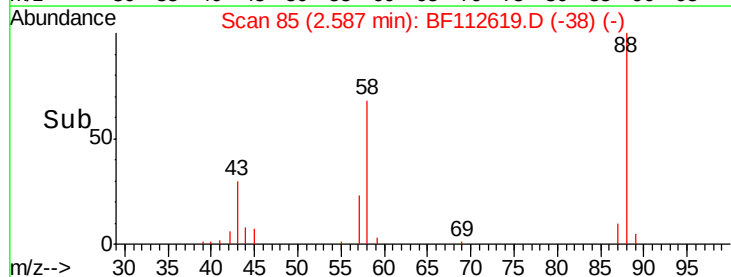
#2

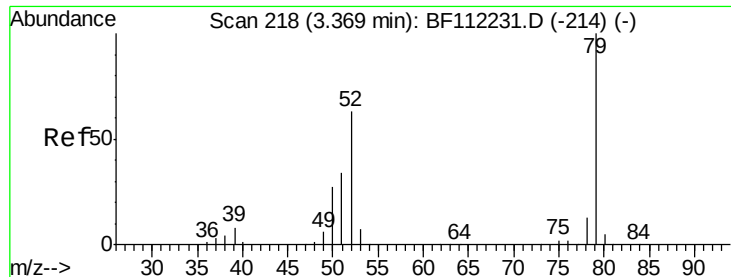
1,4-Dioxane
Concen: 45.566 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion: 88 Resp: 82786
Ion Ratio Lower Upper
88 100
58 66.5 57.4 86.2
43 29.8 22.2 33.4



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





#3

Pvridine

Concen: 47.248 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampled :

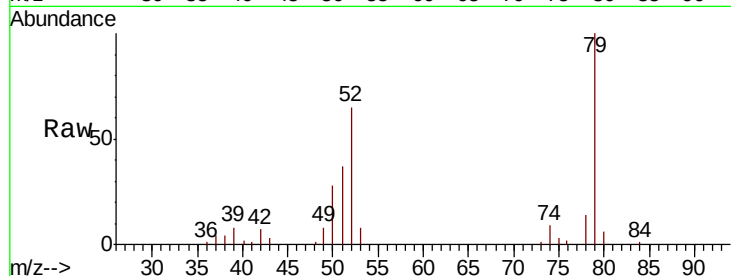
Tot Ion: 79 Resp: 218358

Ion Ratio Lower Upper

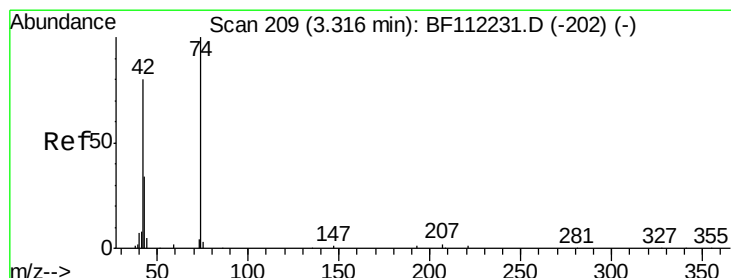
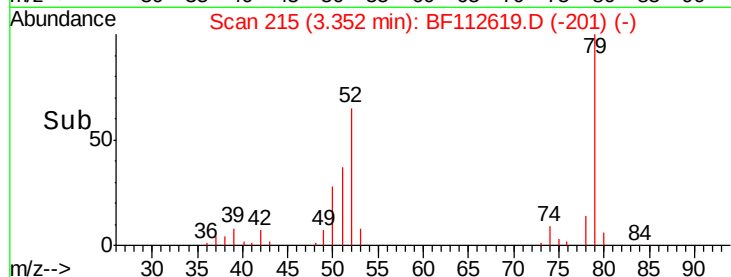
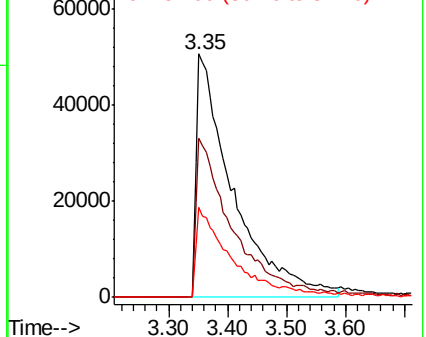
79 100

52 65.4 52.4 78.6

51 36.8 26.1 39.1



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: 60.781 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

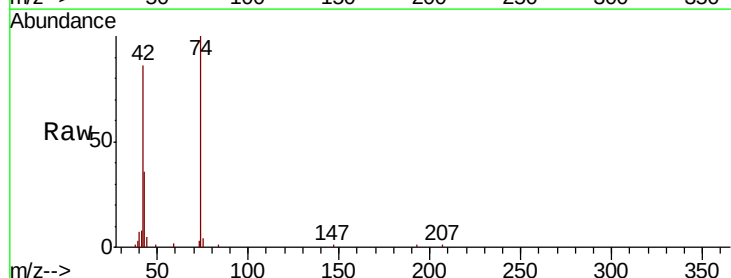
Tgt Ion: 42 Resp: 118017

Ion Ratio Lower Upper

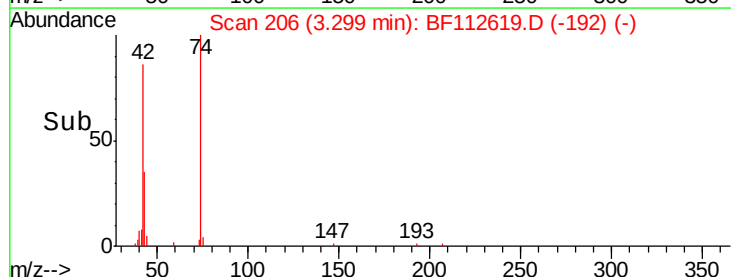
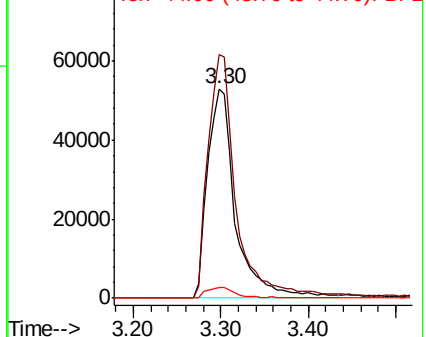
42 100

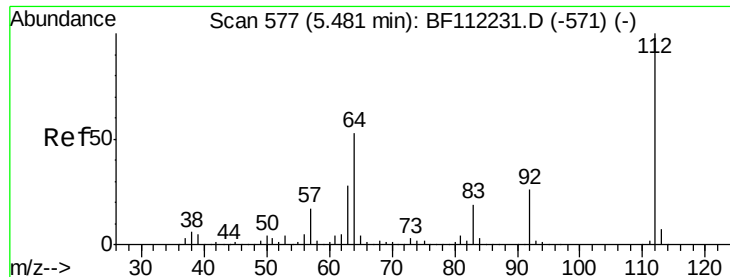
74 116.4 105.6 158.4

44 5.3 5.4 8.2#



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: 159.651 ng

RT: 5.46 min Scan# 574

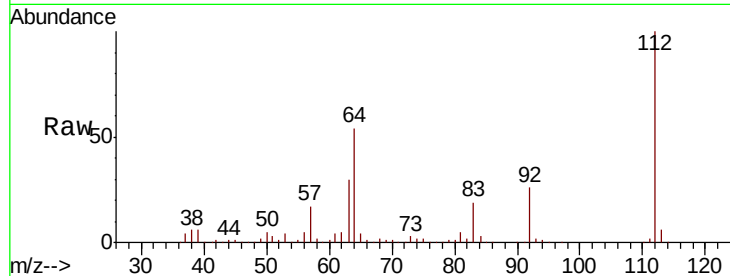
Delta R.T. -0.02 min

Lab File: BF112619.D

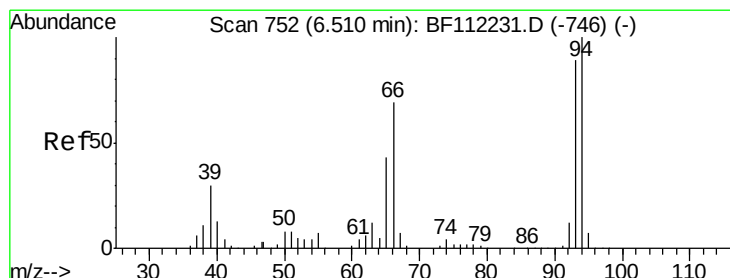
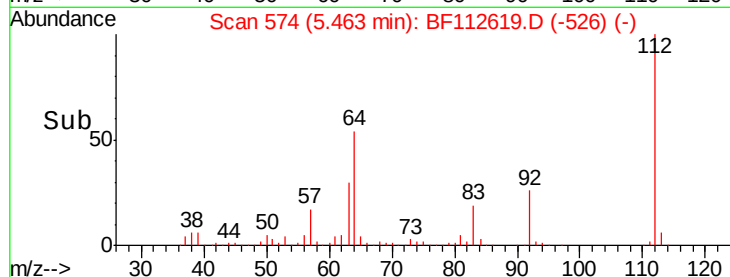
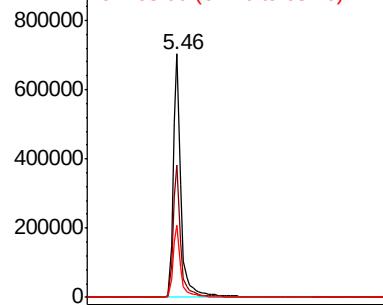
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	728135
Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	29.5	23.6	35.4



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: 47.087 ng

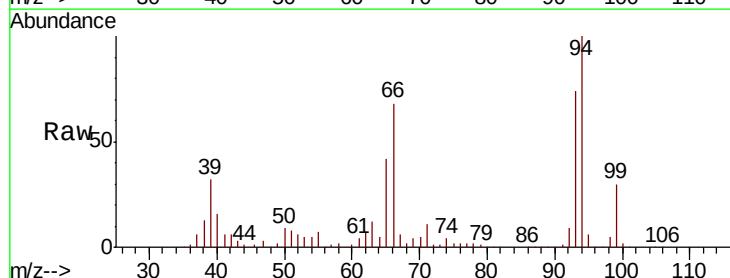
RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

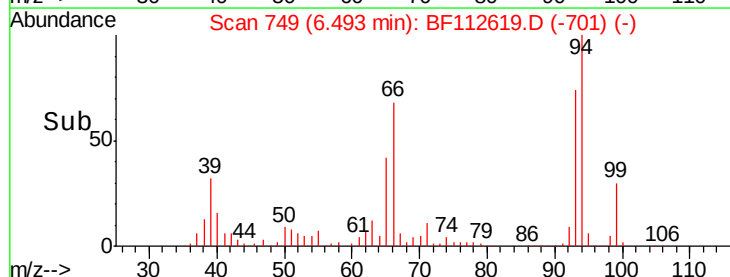
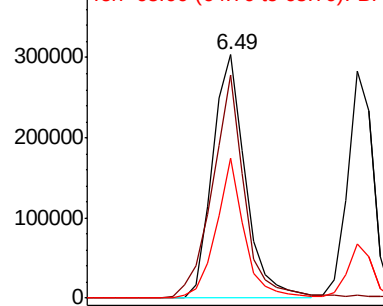
Lab File: BF112619.D

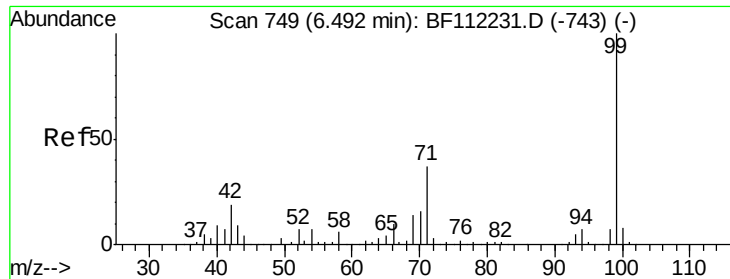
Acq: 19 Feb 2019 14:22

Tgt Ion:	93	Resp:	354984
Ion	Ratio	Lower	Upper
93	100		
66	91.8	43.4	65.2#
65	57.4	25.3	37.9#



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: 141.537 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

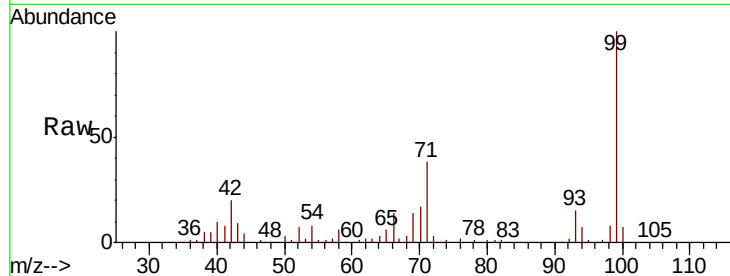
Tot Ion: 99 Resp: 896984

Ion Ratio Lower Upper

99 100

42 20.5 15.1 22.7

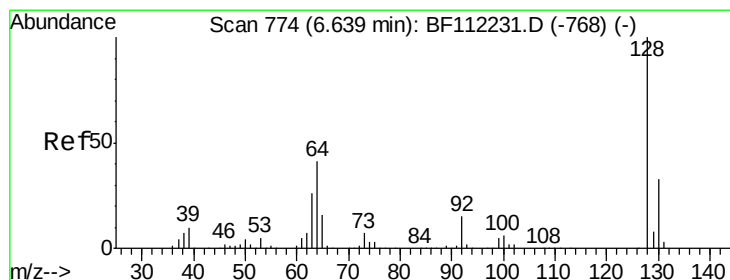
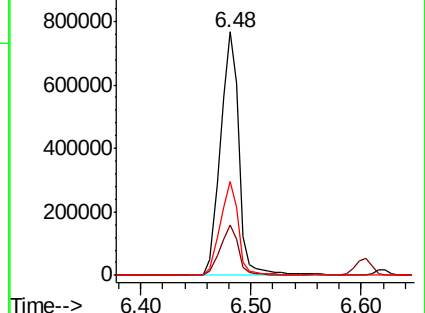
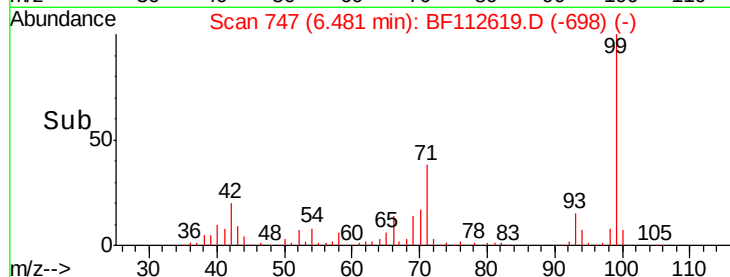
71 38.5 26.9 40.3



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: 48.385 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

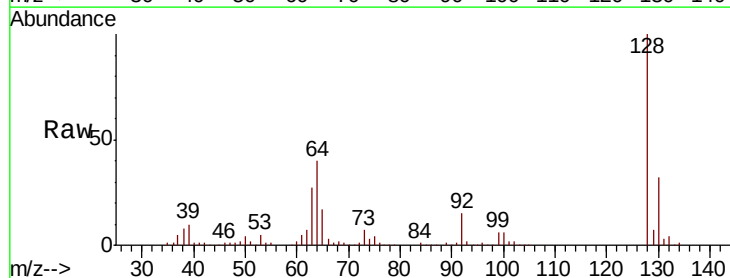
Tgt Ion: 128 Resp: 296863

Ion Ratio Lower Upper

128 100

130 32.2 13.4 53.4

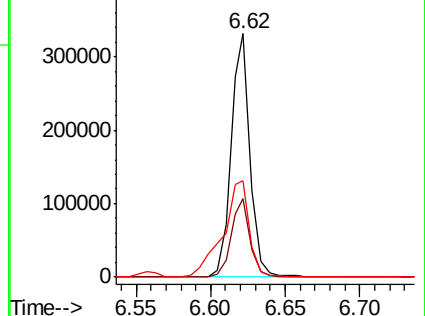
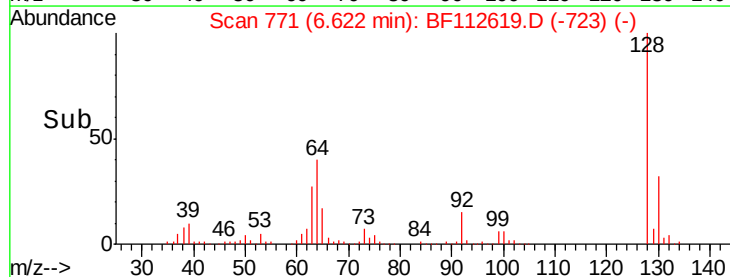
64 39.6 20.5 60.5

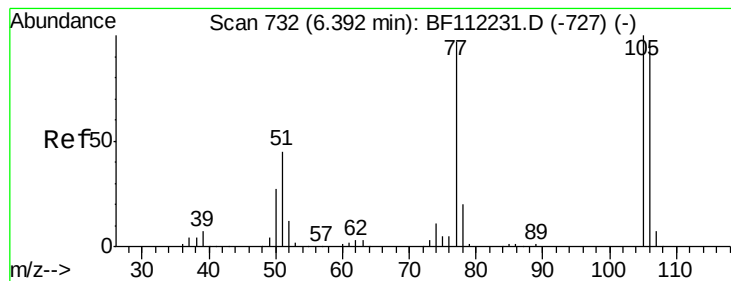


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.224 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

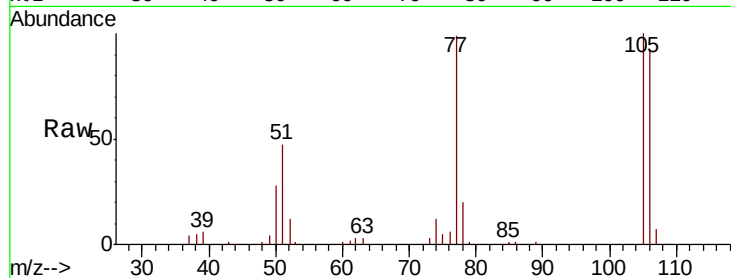
Tot Ion: 77 Resp: 123302

Ion Ratio Lower Upper

77 100

105 101.3 80.8 120.8

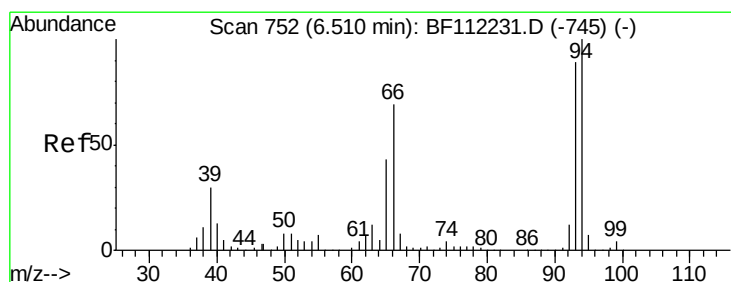
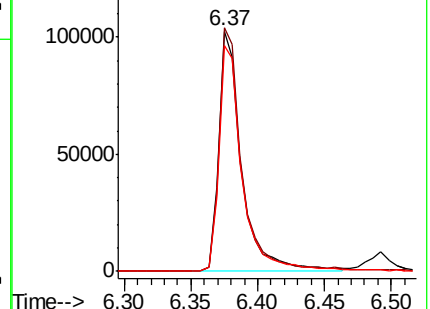
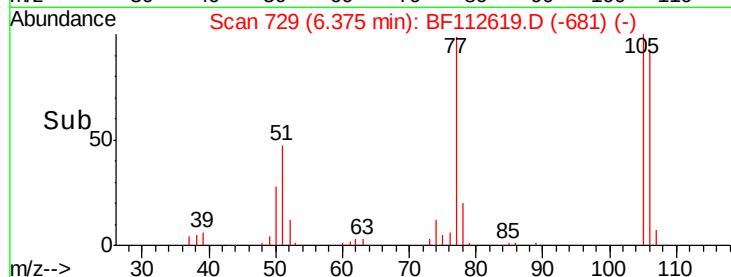
106 93.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.822 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

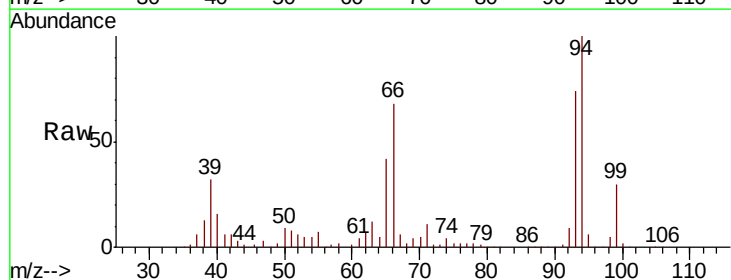
Tgt Ion: 94 Resp: 367266

Ion Ratio Lower Upper

94 100

65 42.5 20.3 60.3

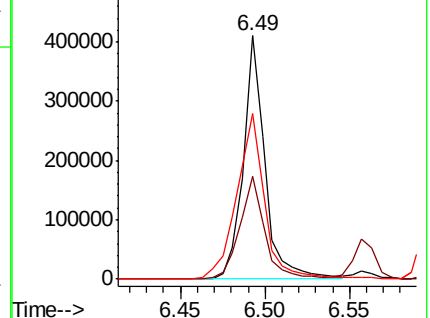
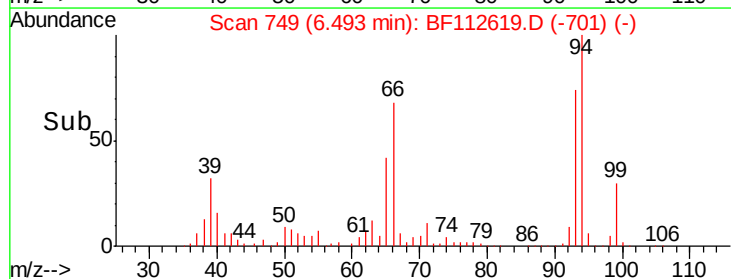
66 67.9 42.4 82.4

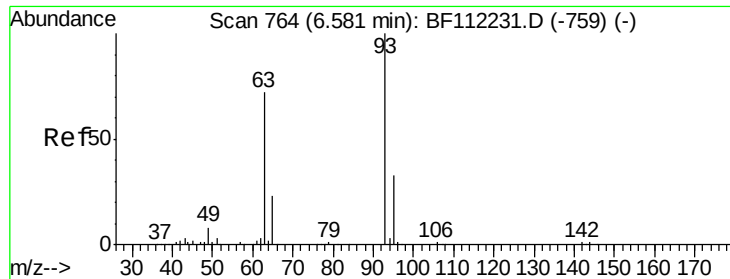


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

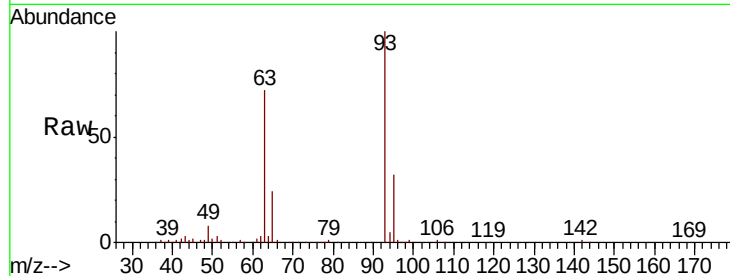




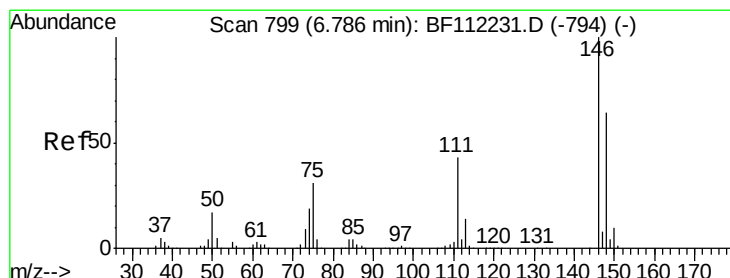
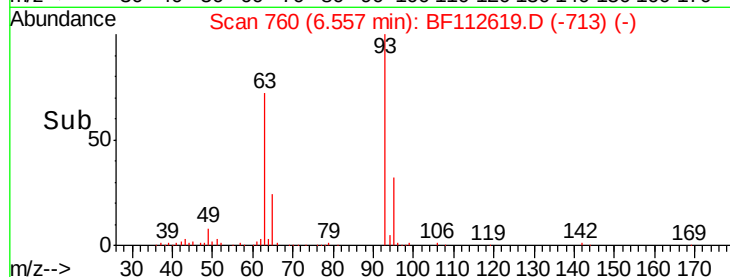
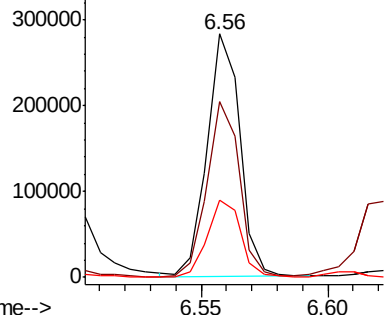
#11
bis(2-Chloroethyl)ether
Concen: 46.403 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	53.3	93.3
95	31.8	13.4	53.4

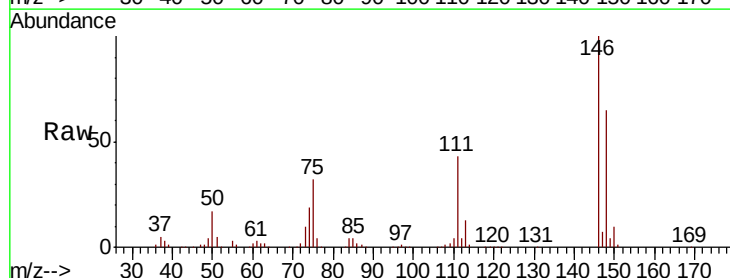


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

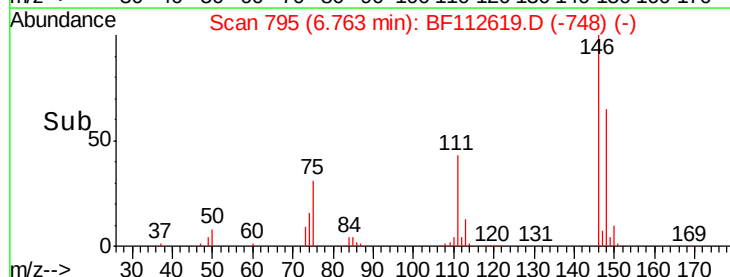
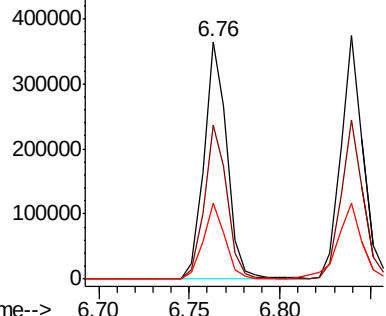


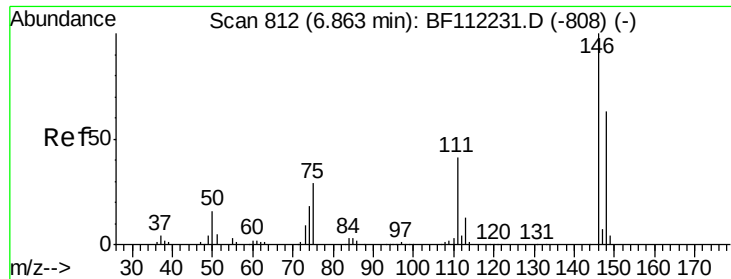
#12
1,3-Dichlorobenzene
Concen: 44.858 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	31.8	23.1	34.7



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

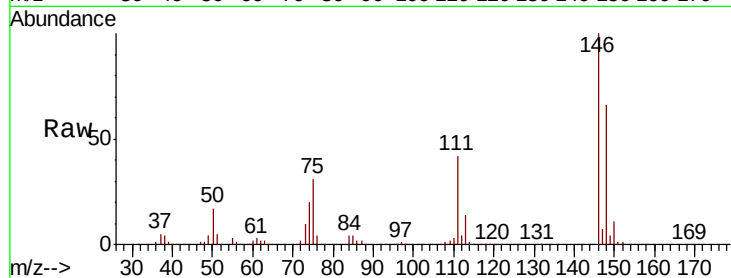




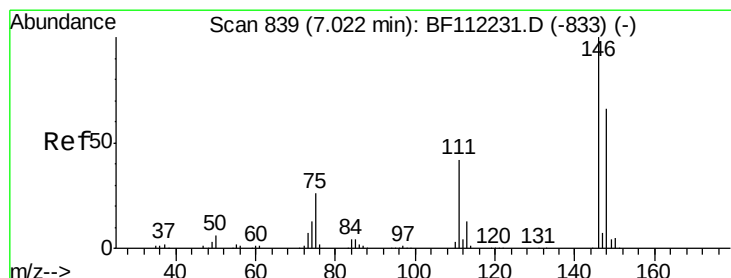
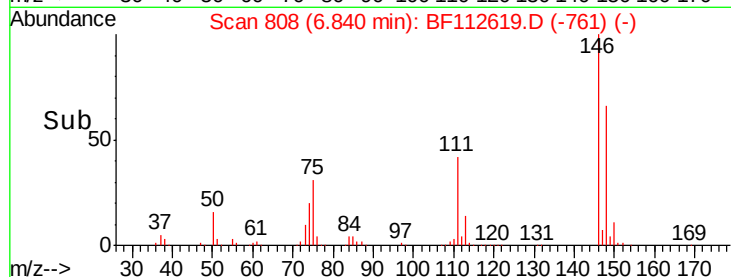
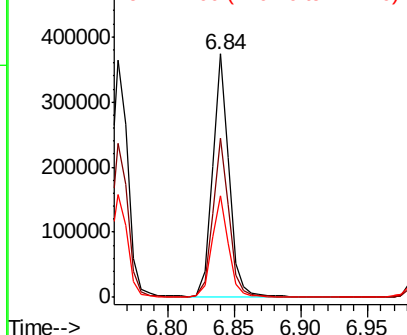
#13
 1,4-Dichlorobenzene
 Concen: 44.054 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 323963
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.0 78.0
 111 41.6 31.2 46.8

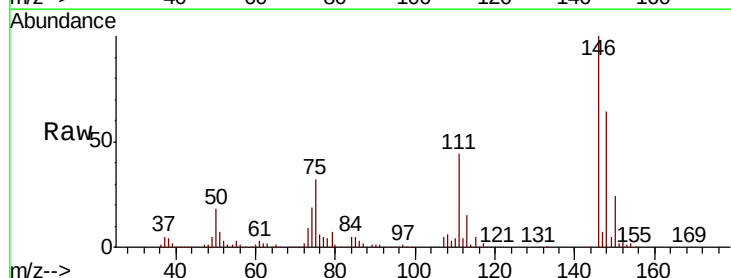


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

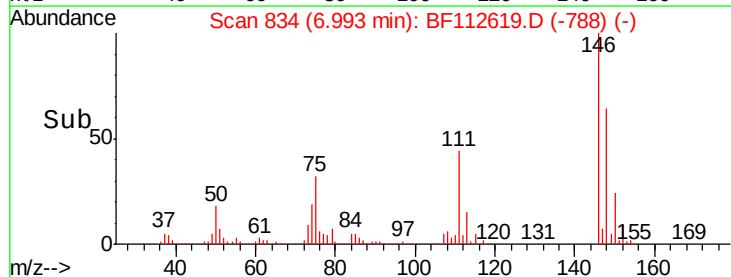
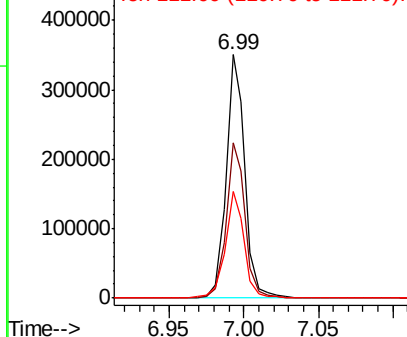


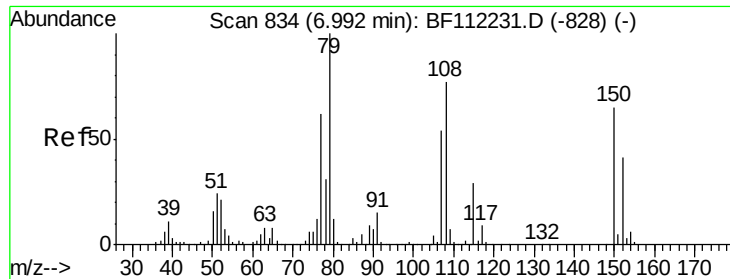
#14
 1,2-Dichlorobenzene
 Concen: 45.080 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion:146 Resp: 310376
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 43.9 31.2 46.8



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

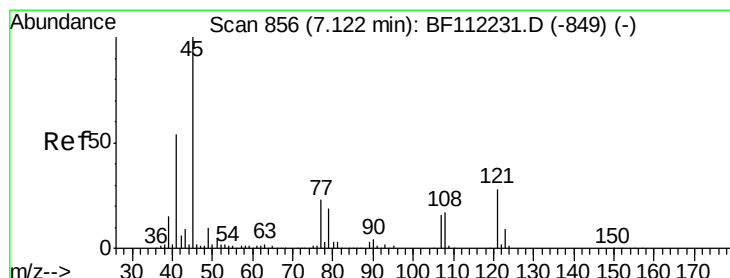
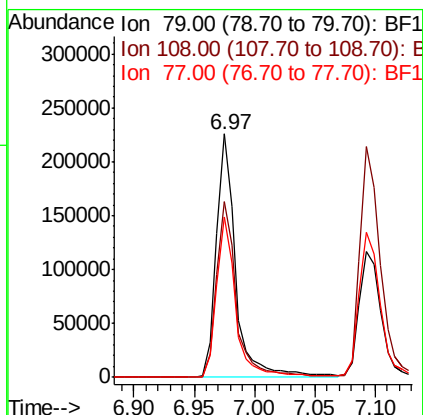
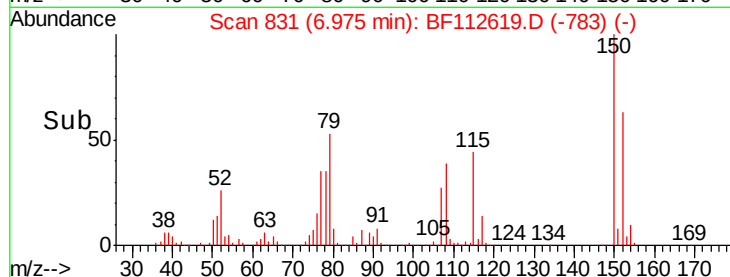
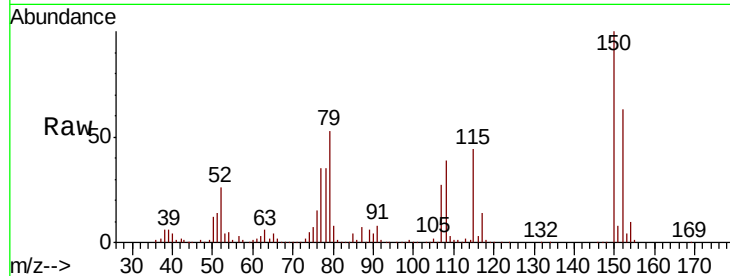




#15
Benzyl Alcohol
Concen: 46.518 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

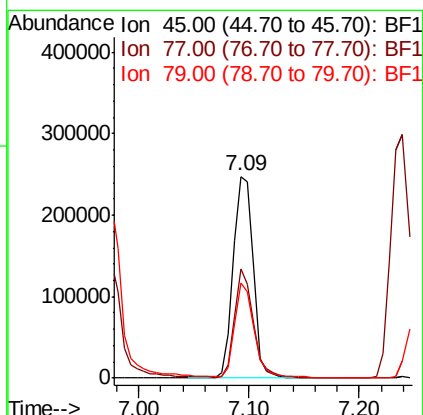
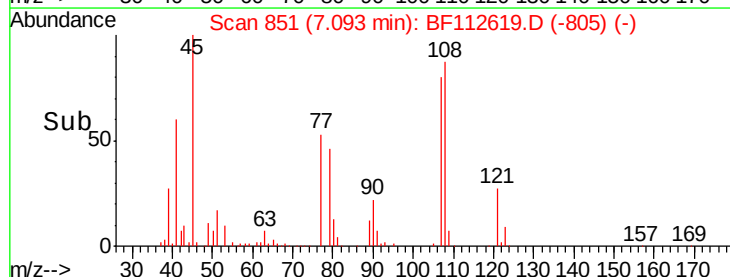
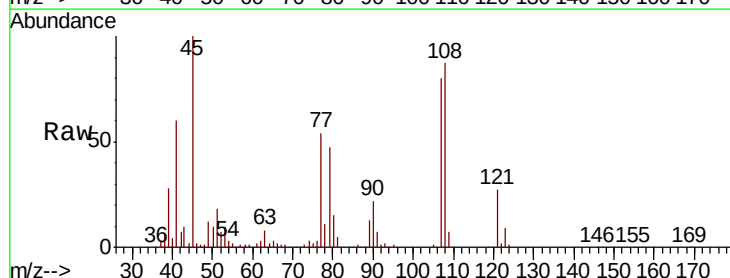
Instrument :
BNA_F
ClientSampled :

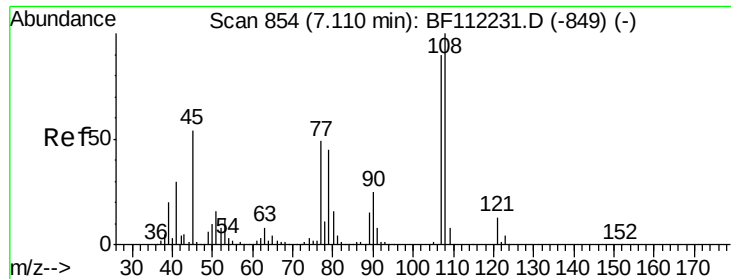
Tot Ion: 79 Resp: 248511
Ion Ratio Lower Upper
79 100
108 72.4 64.2 96.2
77 65.7 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.150 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion: 45 Resp: 317325
Ion Ratio Lower Upper
45 100
77 54.5 0.0 36.9#
79 47.3 0.0 34.0#





#17

2-Methylphenol

Concen: 47.292 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 230012

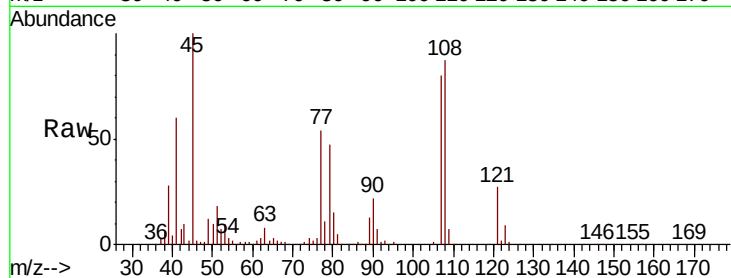
Ion Ratio Lower Upper

107 100

108 108.2 91.3 136.9

77 68.0 39.0 58.6#

79 59.0 37.0 55.4#

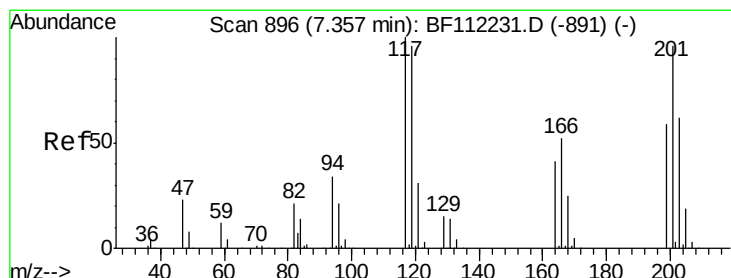
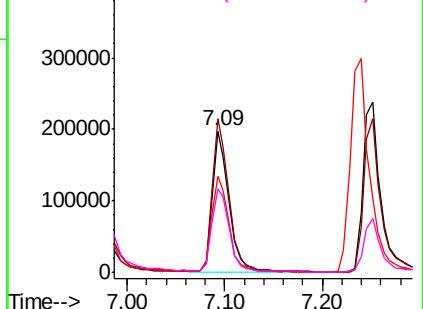
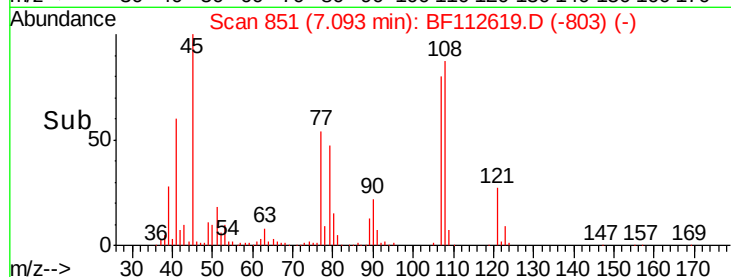


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 47.674 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

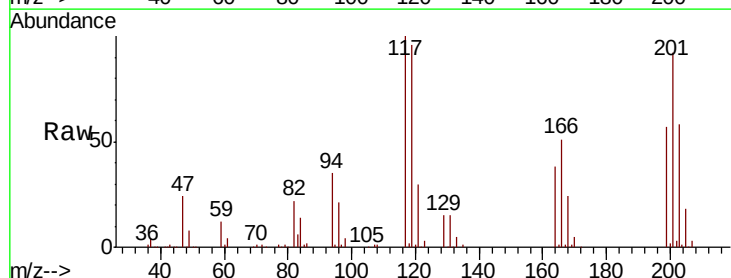
Tgt Ion:117 Resp: 123110

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.4

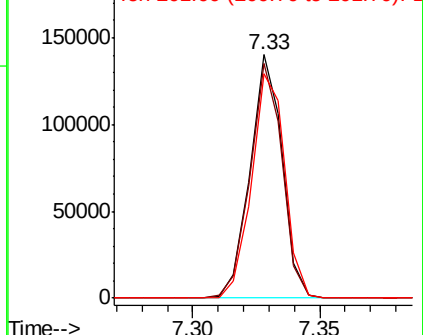
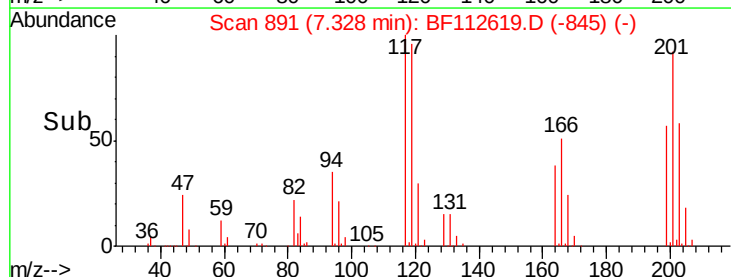
201 92.1 74.1 111.1

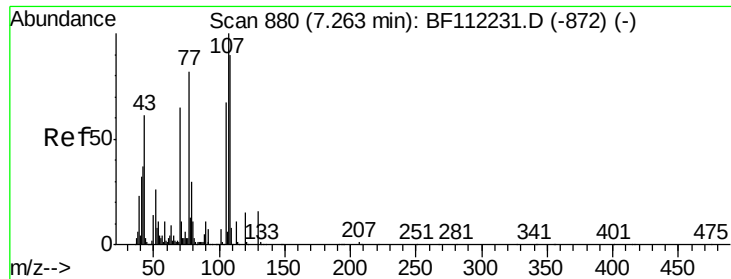


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

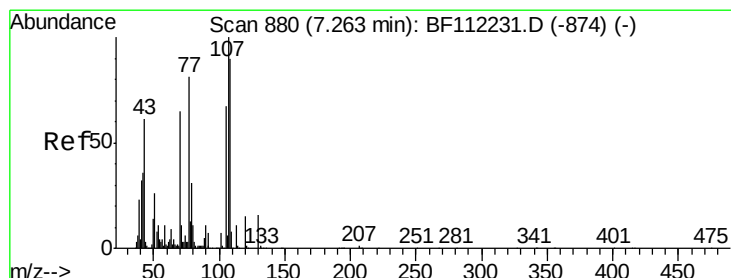
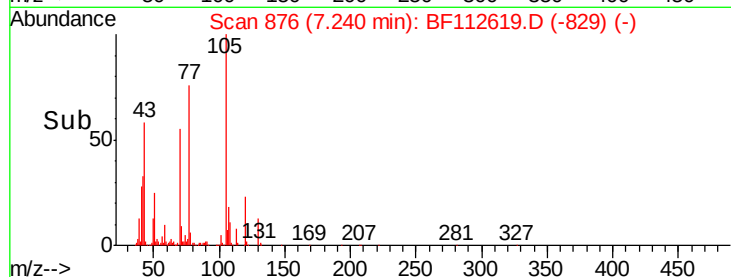
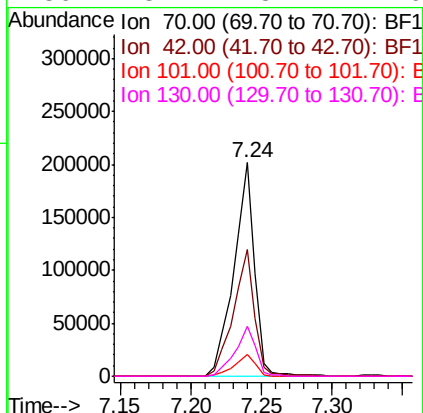
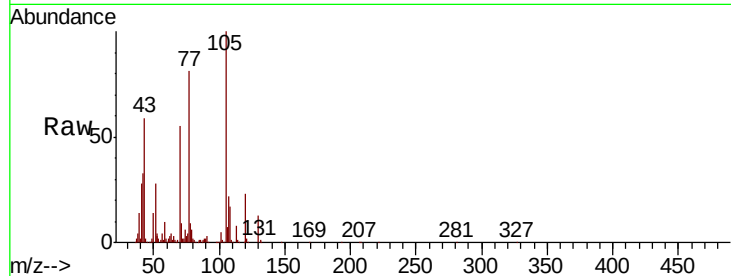




#19
n-Nitroso-di-n-propylamine
Concen: 47.158 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

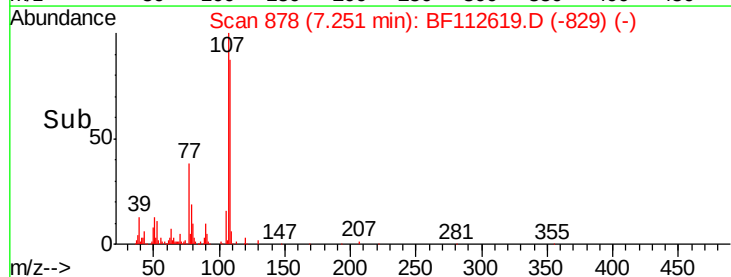
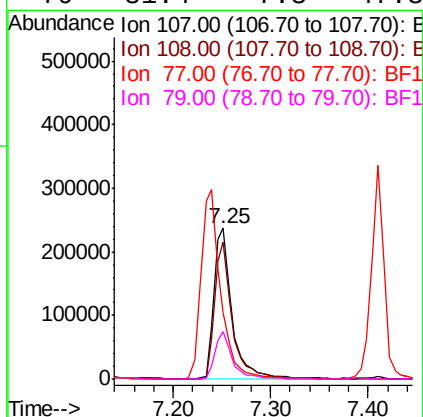
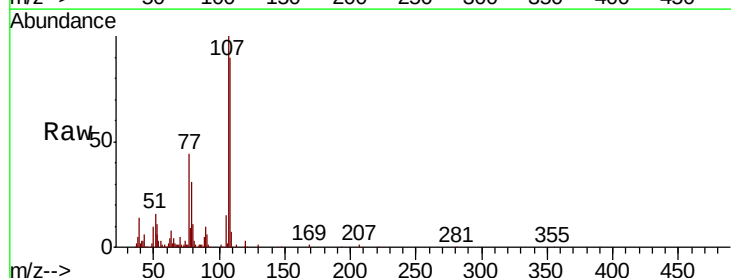
Instrument :
BNA_F
ClientSampleId :

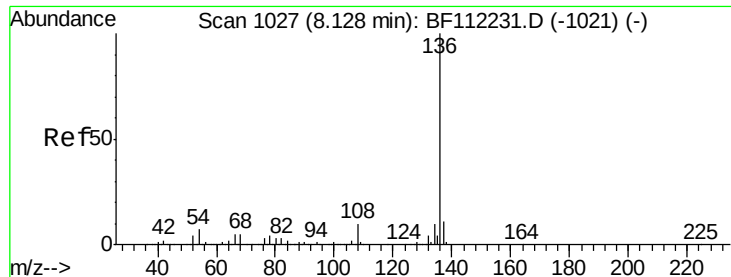
Tot Ion:	70	Resp:	206078
Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.6	71.4
101	10.0	7.9	11.9
130	23.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 48.706 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:	107	Resp:	302924
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	43.8	100.7	140.7#
79	31.4	7.3	47.3

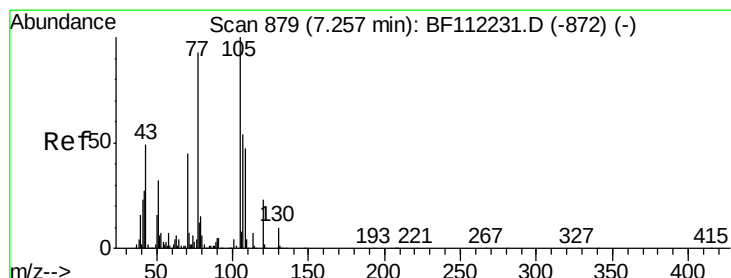
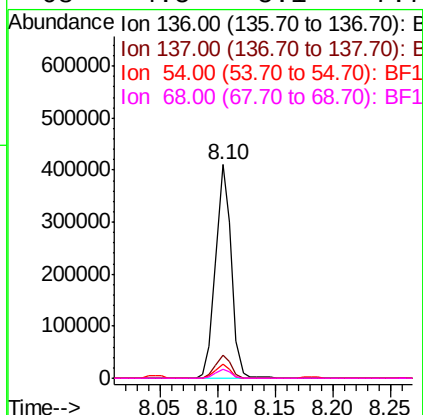
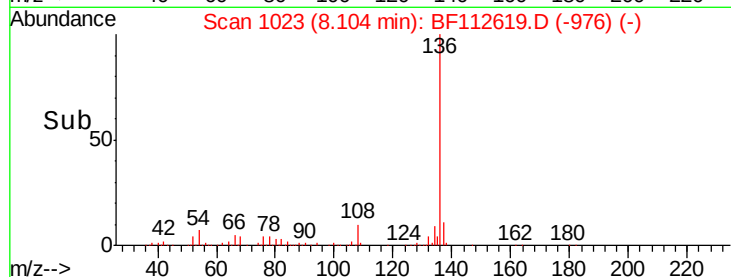
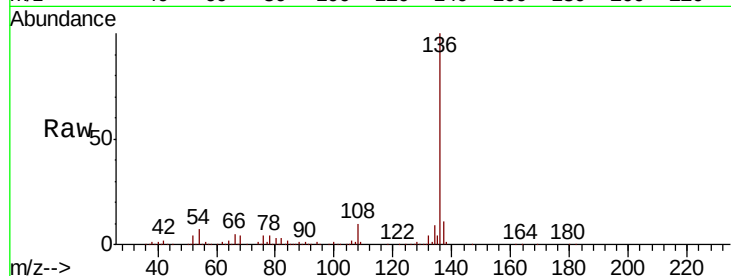




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

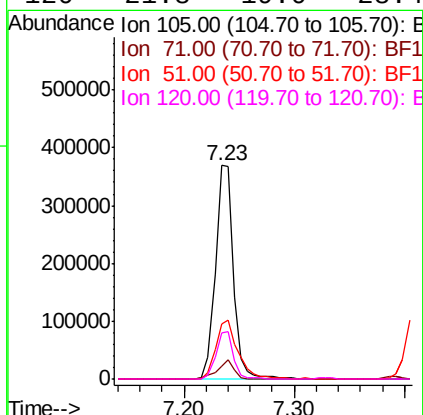
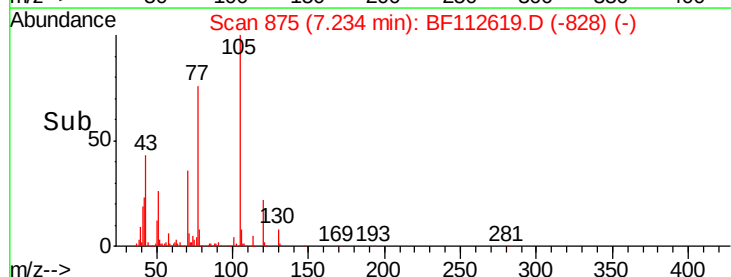
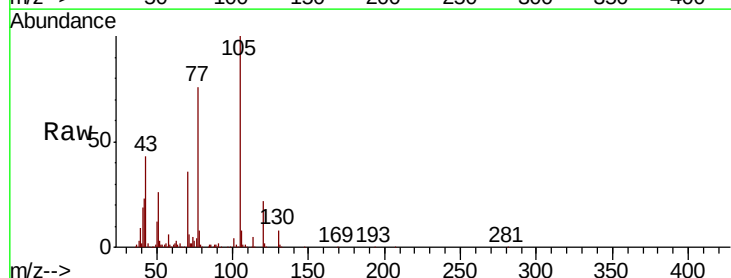
Instrument :
BNA_F
ClientSampleId :

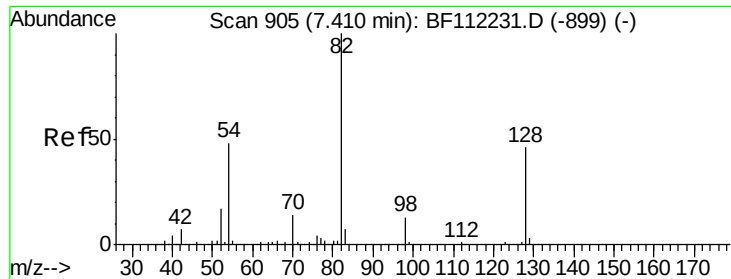
Tot Ion:136	Resp:	387958
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.6	5.9 8.9
68	4.5	5.1 7.7#



#22
Acetophenone
Concen: 44.108 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:105	Resp:	416684
Ion Ratio	Lower	Upper
105	100	
71	6.1	4.6 6.8
51	26.0	25.0 37.6
120	21.8	19.0 28.4

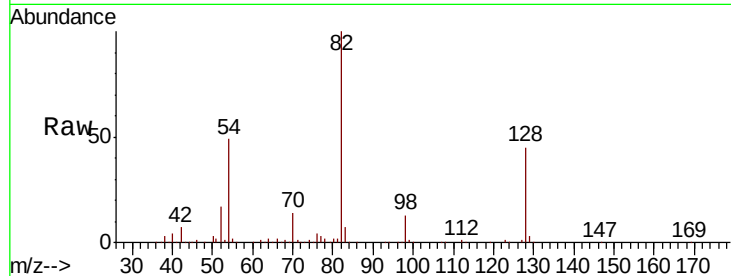




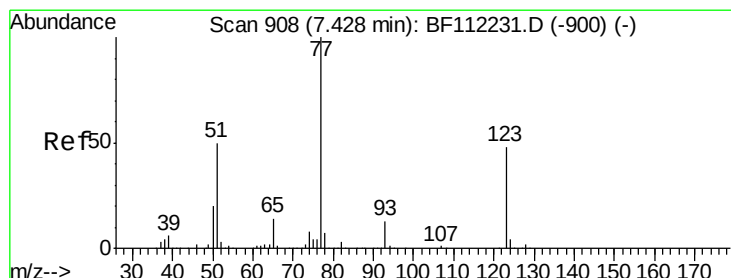
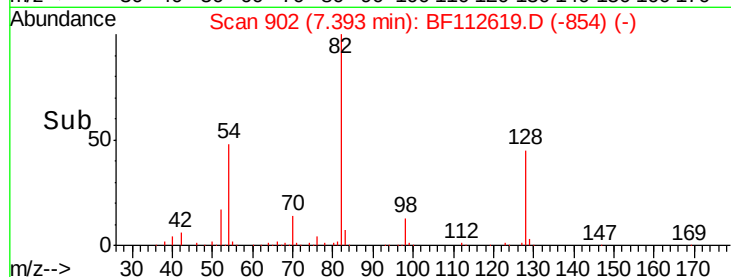
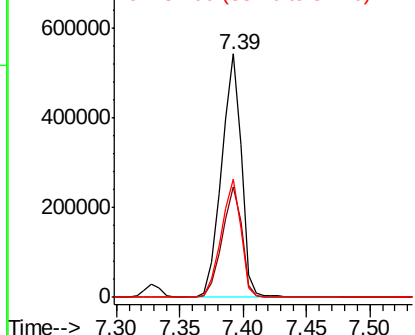
#23
 Nitrobenzene-d5
 Concen: 87.793 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	591119
Ion Ratio	100	Lower	Upper
128	45.3	37.8	56.8
54	48.6	39.7	59.5

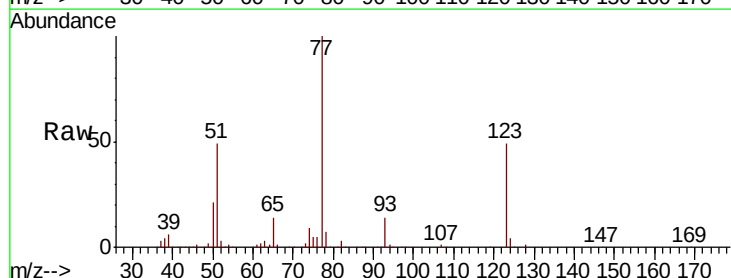


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

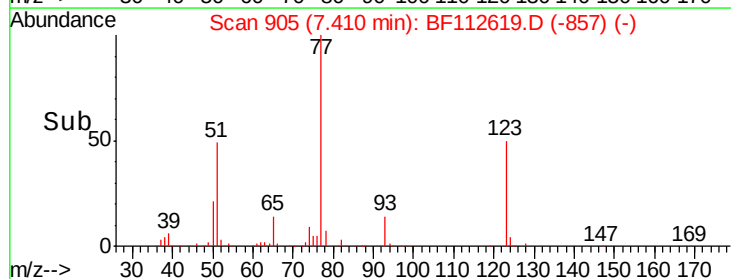
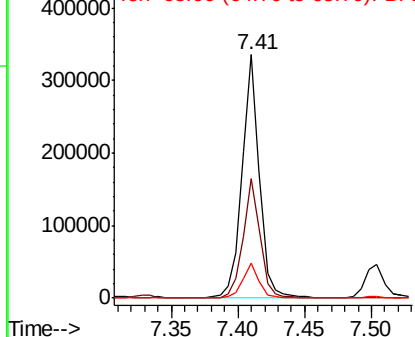


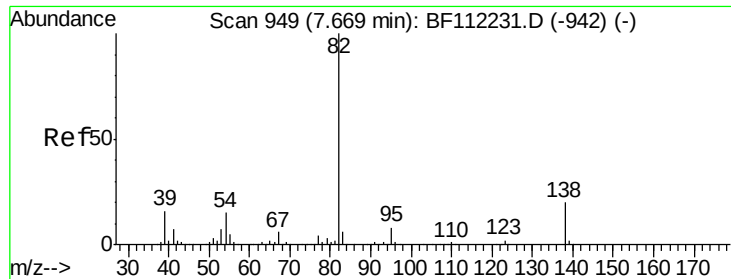
#24
 Nitrobenzene
 Concen: 45.064 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	77	Resp	303025
Ion Ratio	100	Lower	Upper
123	49.0	38.4	57.6
65	14.2	10.6	15.8



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





#25

Isophorone

Concen: 52.140 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

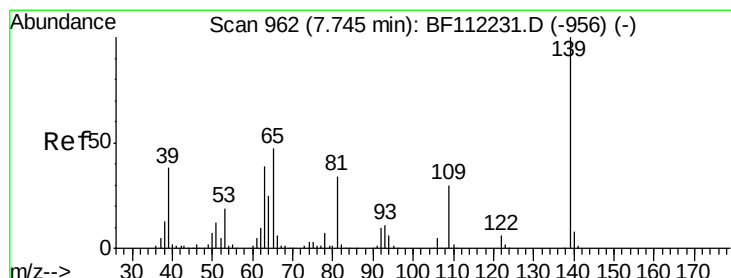
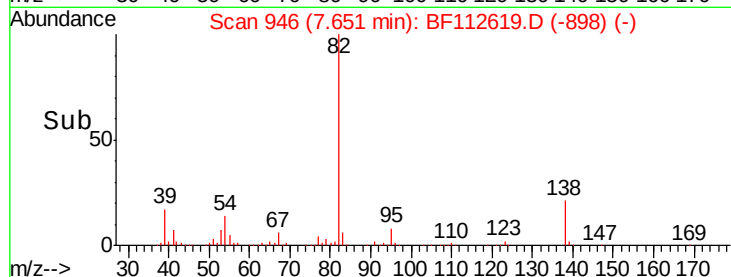
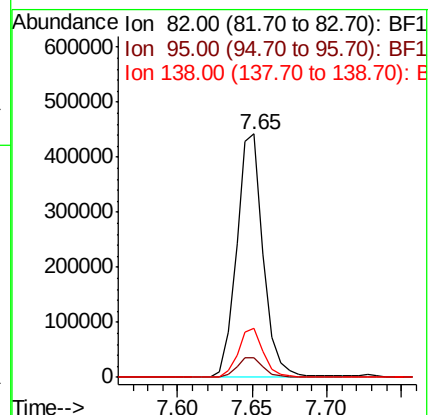
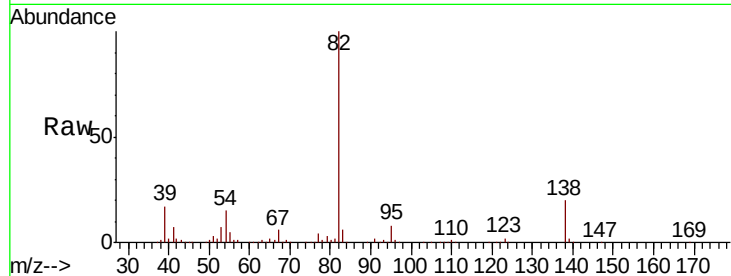
Tot Ion: 82 Resp: 550745

Ion Ratio Lower Upper

82 100

95 8.3 5.7 8.5

138 20.4 15.4 23.0



#26

2-Nitrophenol

Concen: 45.396 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

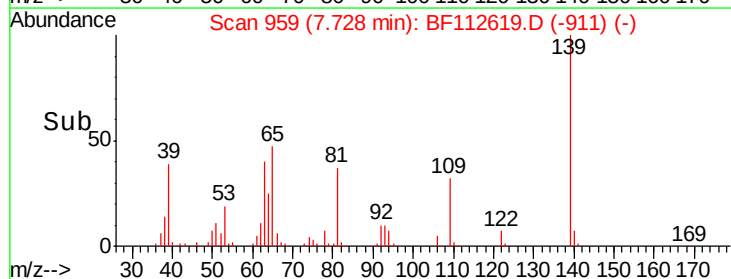
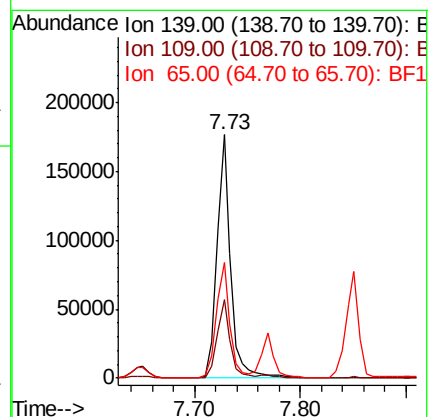
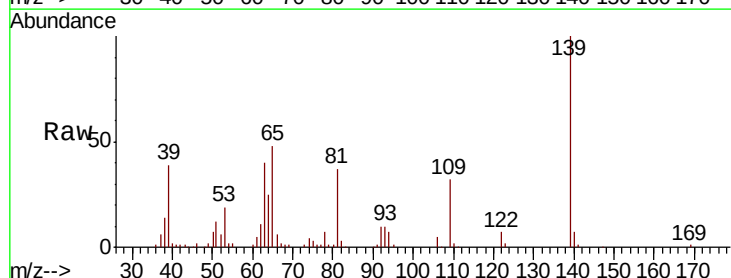
Tgt Ion: 139 Resp: 163135

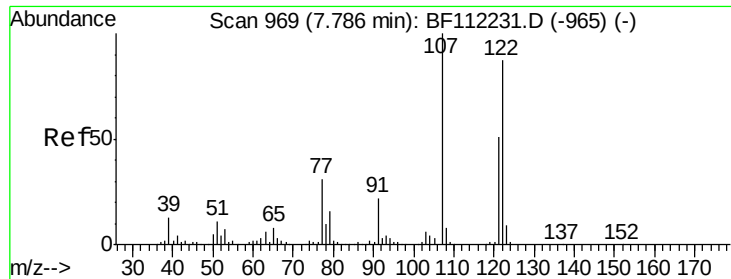
Ion Ratio Lower Upper

139 100

109 32.4 20.8 31.2#

65 47.6 34.4 51.6

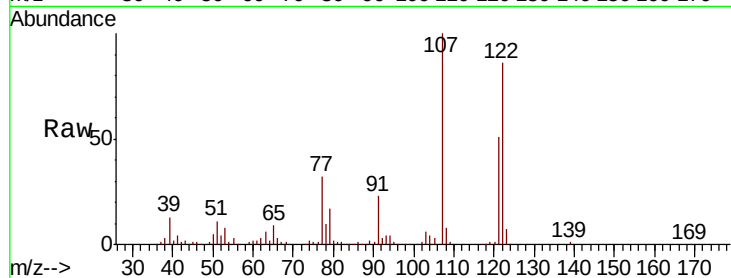




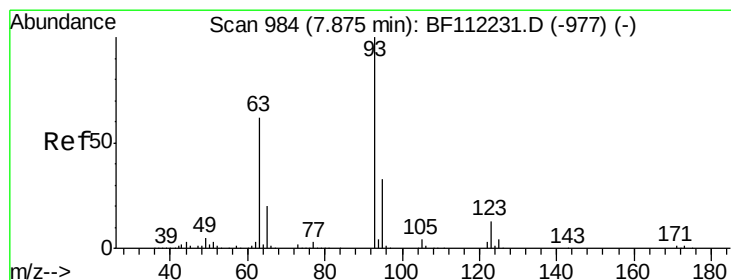
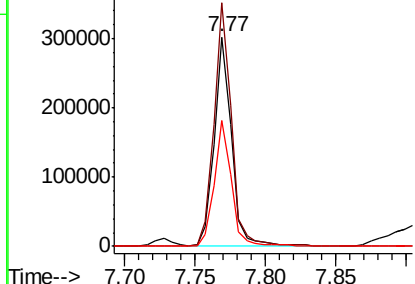
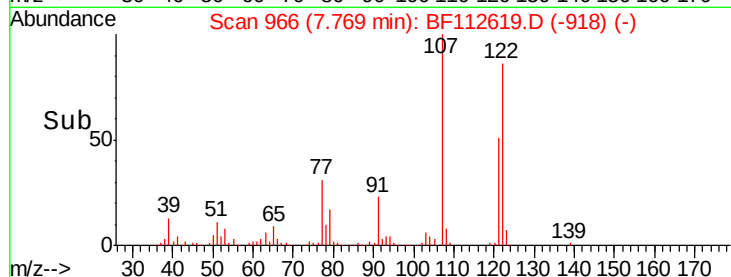
#27
 2,4-Dimethylphenol
 Concen: 52.518 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	85.4	128.0
121	59.9	47.0	70.4

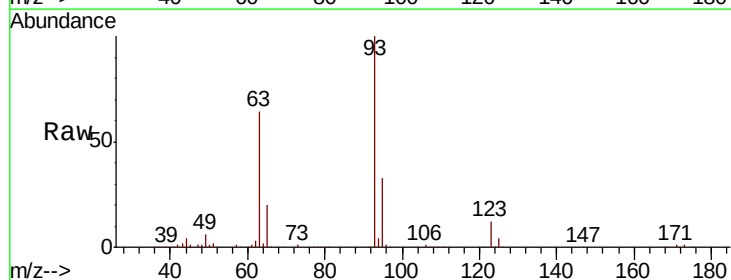


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

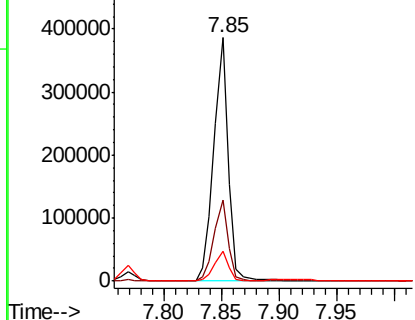
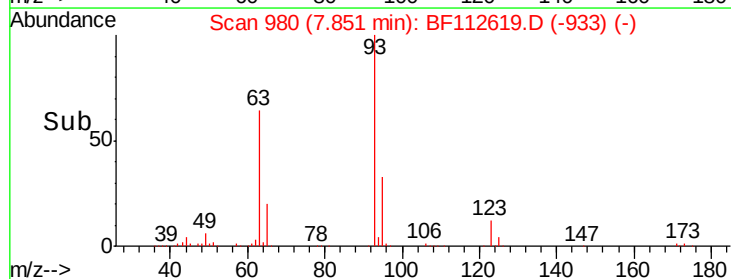


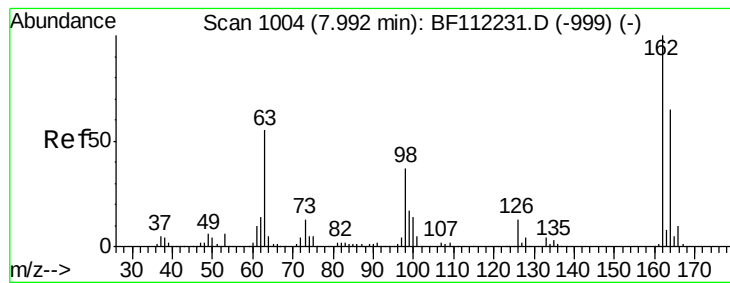
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.200 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.8	40.2
123	12.4	10.2	15.2



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: 46.189 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

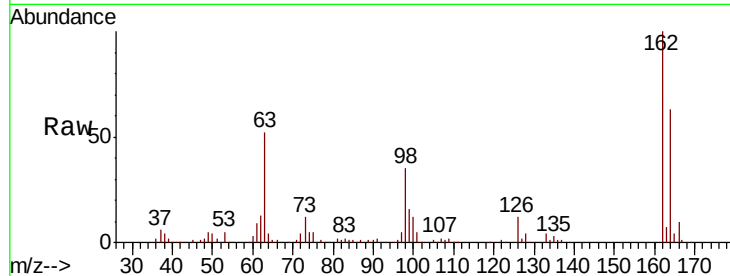
Tot Ion:162 Resp: 255919

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

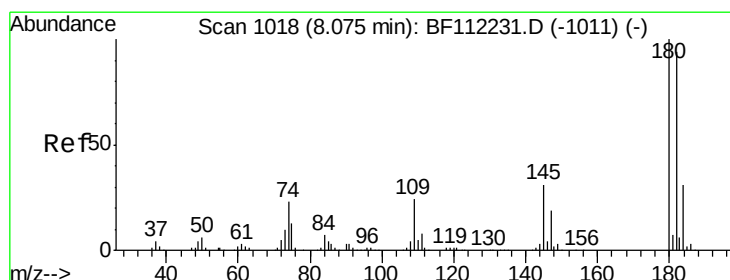
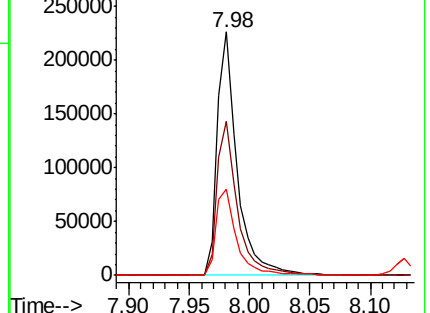
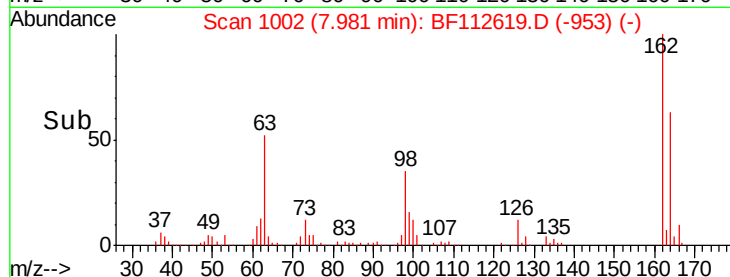
98 35.4 14.6 54.6



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: 44.447 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

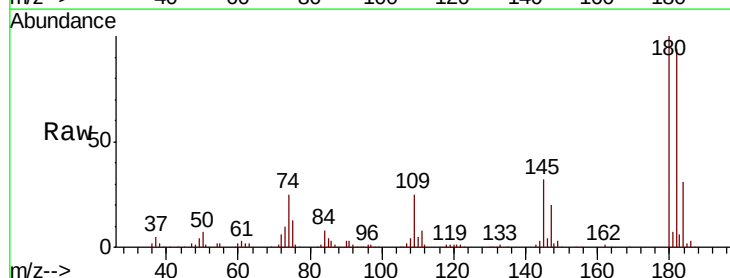
Tgt Ion:180 Resp: 283073

Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

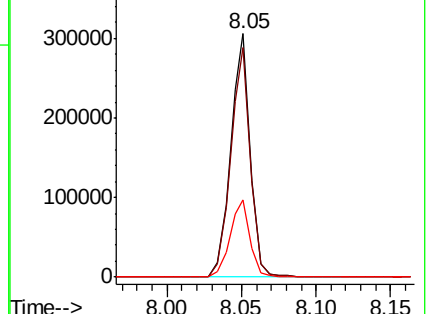
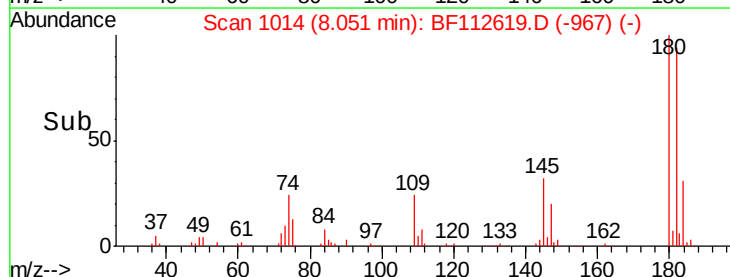
145 31.6 25.0 37.4

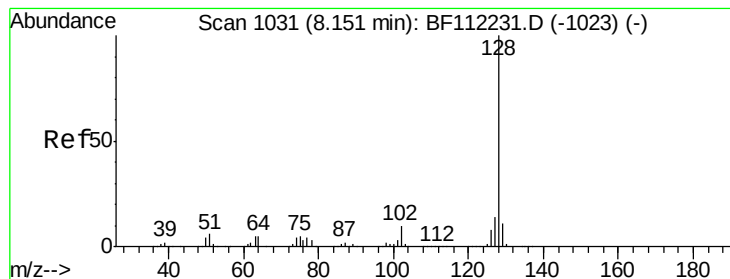


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.136 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampled :

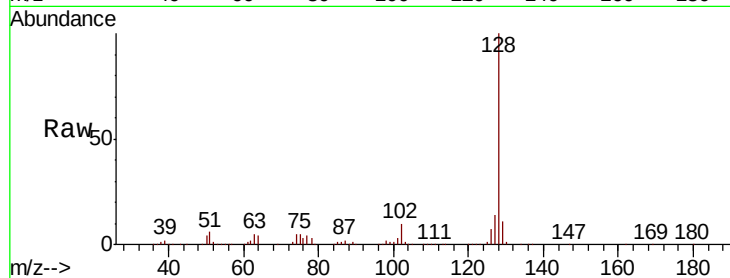
Tot Ion:128 Resp: 873309

Ion Ratio Lower Upper

128 100

129 11.2 9.6 14.4

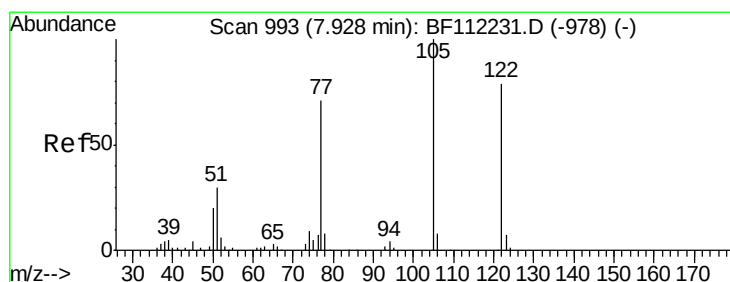
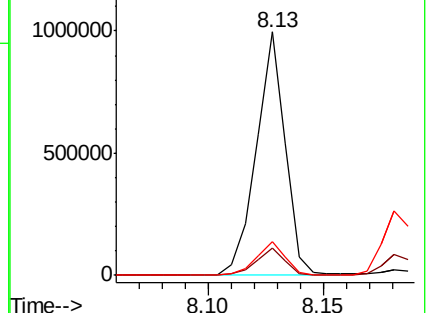
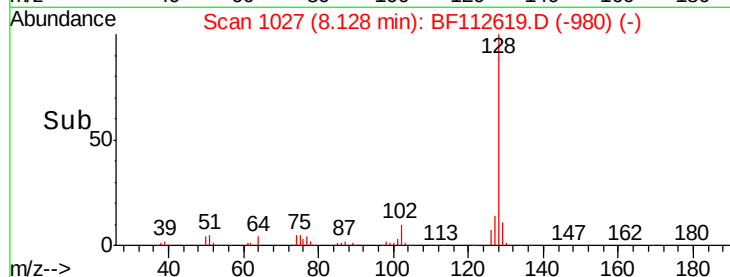
127 13.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.038 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

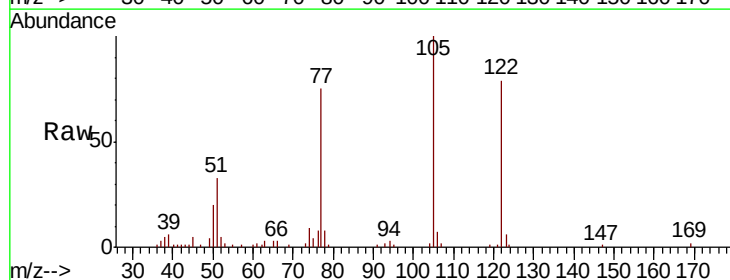
Tgt Ion:122 Resp: 107427

Ion Ratio Lower Upper

122 100

105 126.4 101.2 141.2

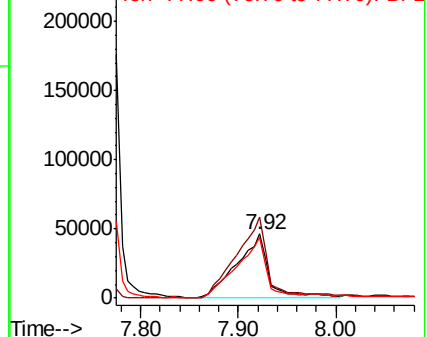
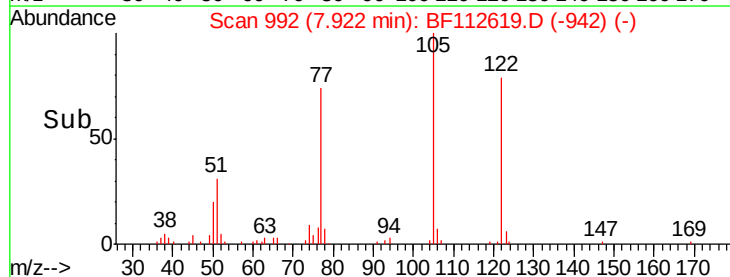
77 94.9 70.4 110.4

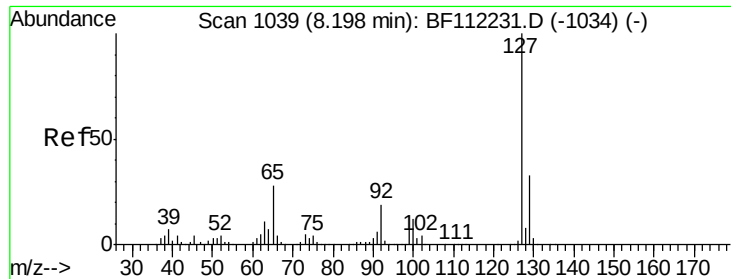


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

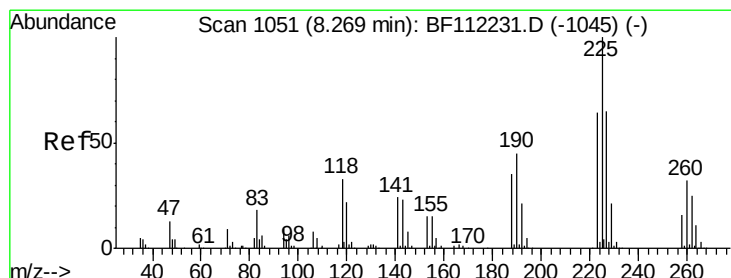
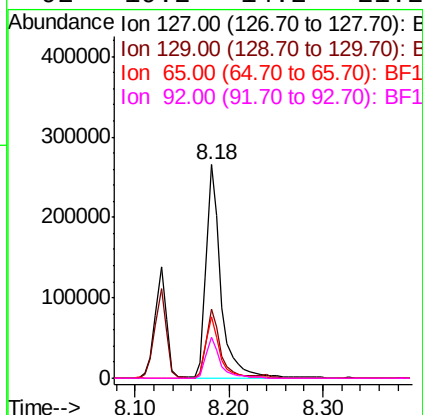
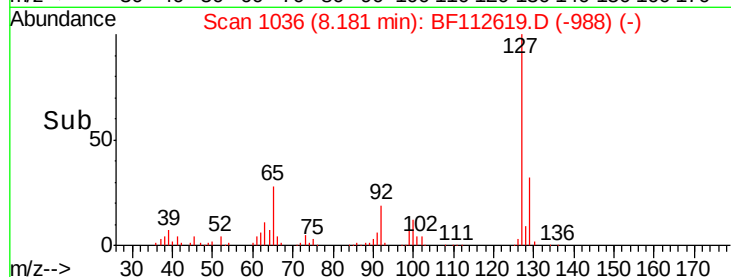
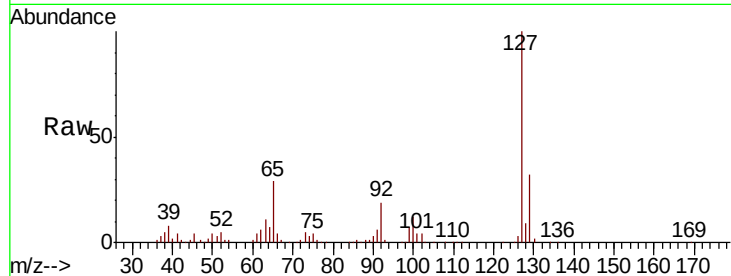




#33
4-Chloroaniline
Concen: 37.114 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

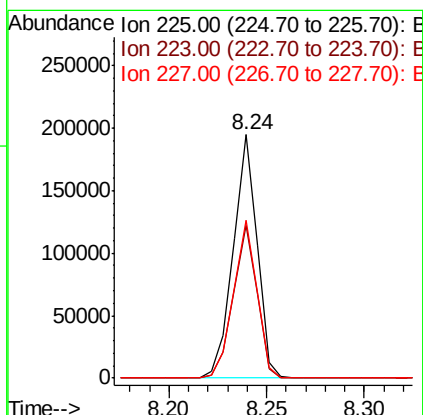
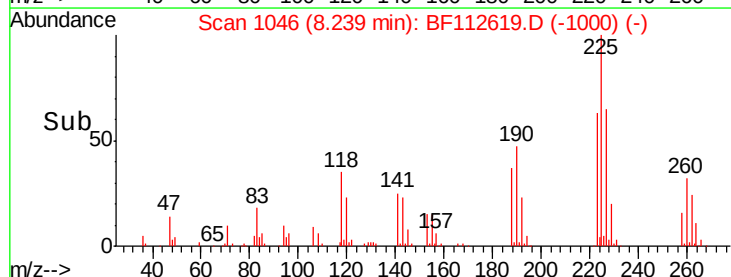
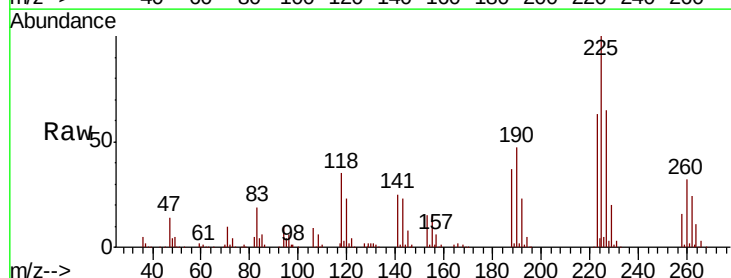
Instrument :
BNA_F
ClientSampleId :

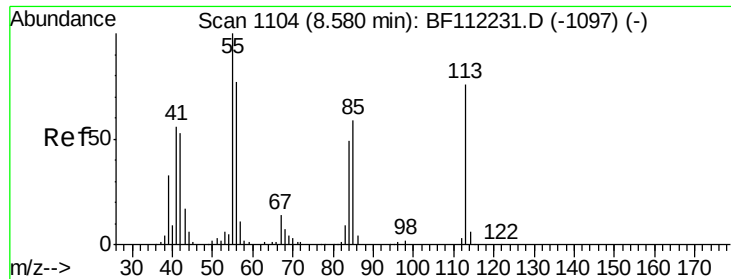
Tot Ion:	127	Resp:	293188
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.0	21.4	32.2
92	19.2	14.2	21.2



#34
Hexachlorobutadiene
Concen: 44.091 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:	225	Resp:	164783
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	64.6	51.8	77.8

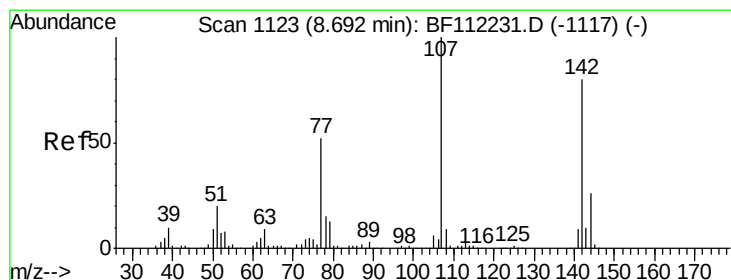
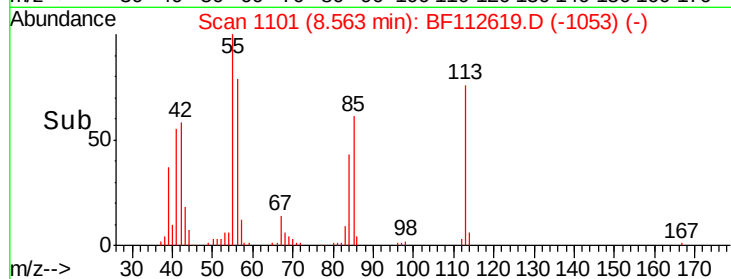
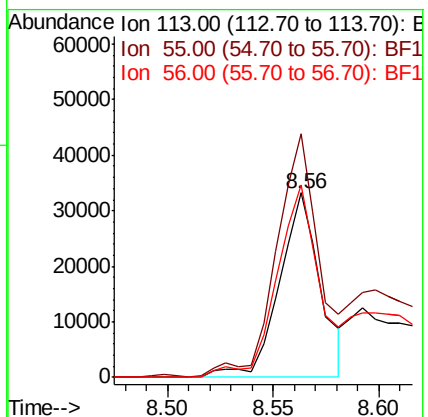
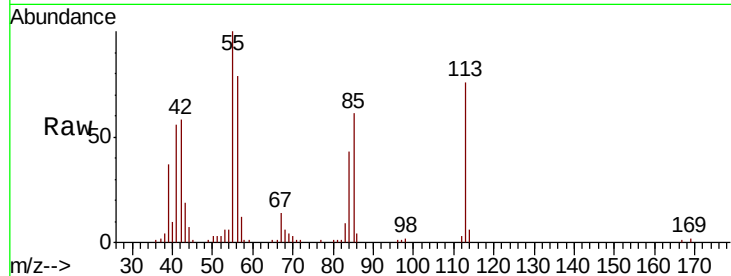




#35
 Caprolactam
 Concen: 22.898 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

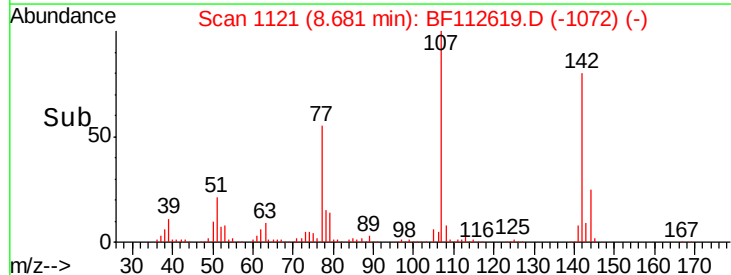
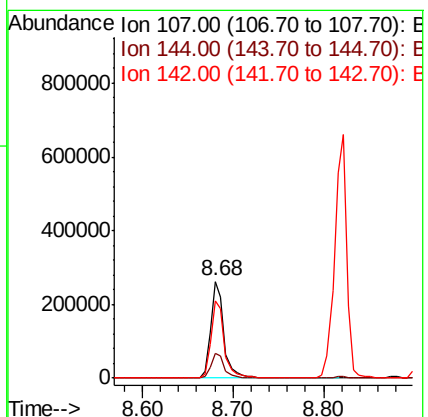
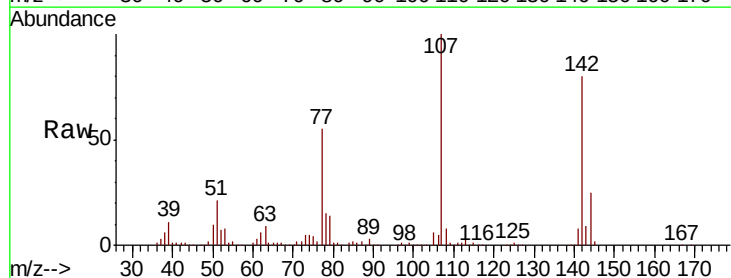
Instrument :
 BNA_F
 ClientSampled :

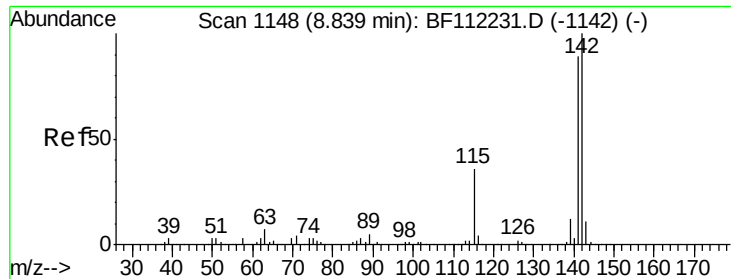
Tot Ion:113 Resp: 44757
 Ion Ratio Lower Upper
 113 100
 55 131.9 121.6 161.6
 56 104.6 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.803 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion:107 Resp: 268658
 Ion Ratio Lower Upper
 107 100
 144 25.4 22.2 33.2
 142 79.7 67.7 101.5

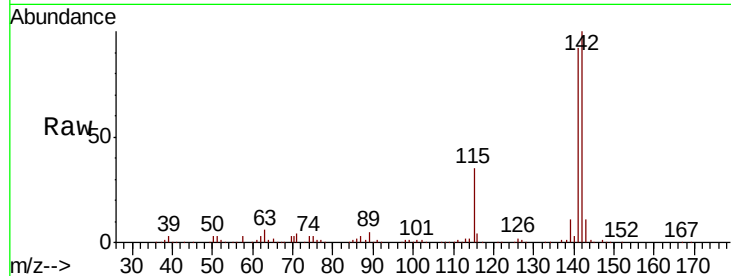




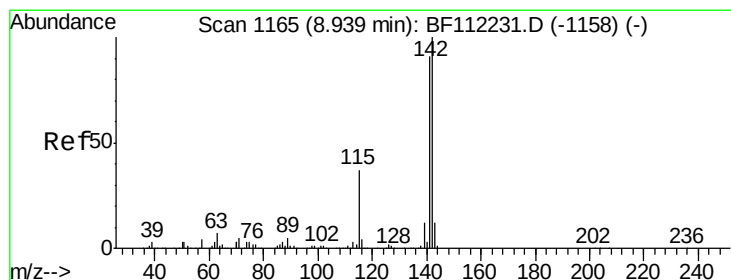
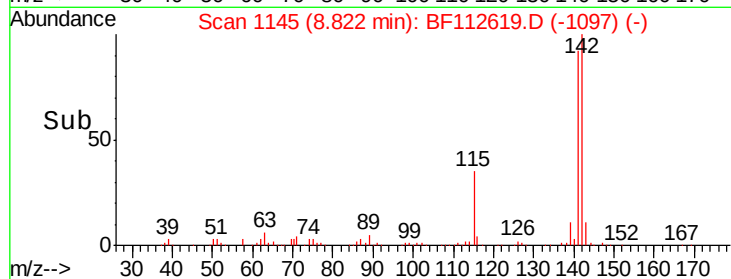
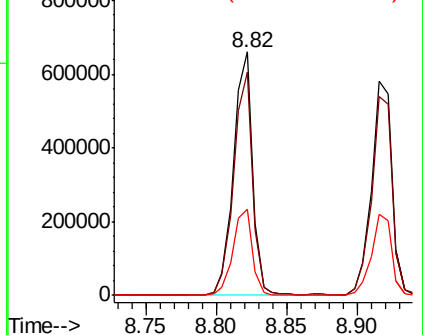
#37
2-Methylnaphthalene
Concen: 50.024 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 621307
Ion Ratio Lower Upper
142 100
141 91.5 70.9 106.3
115 35.2 24.9 37.3

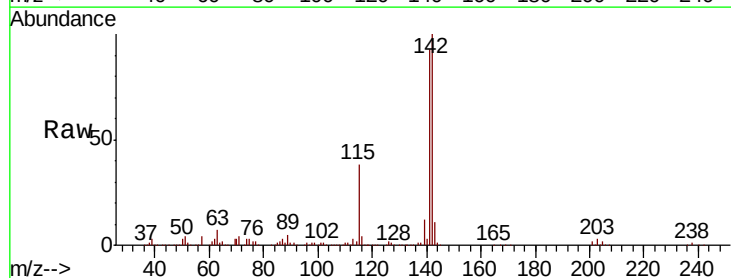


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

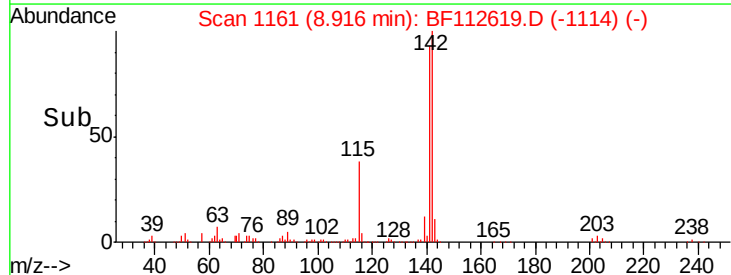
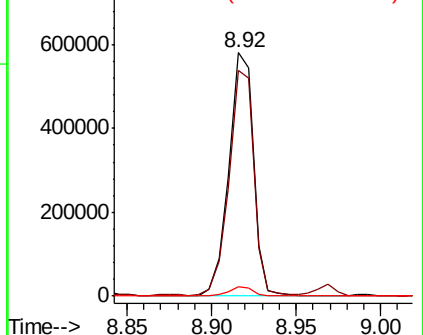


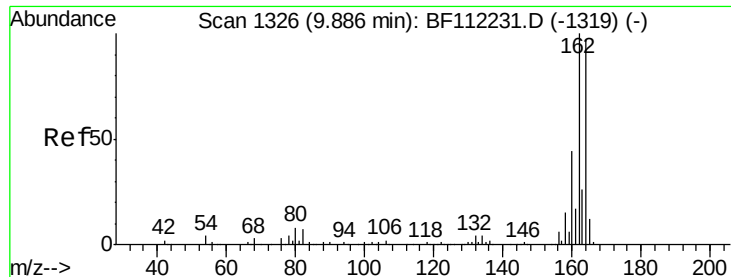
#38
1-Methylnaphthalene
Concen: 49.103 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:142 Resp: 584548
Ion Ratio Lower Upper
142 100
141 93.0 72.6 108.8
116 3.9 2.8 4.2



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

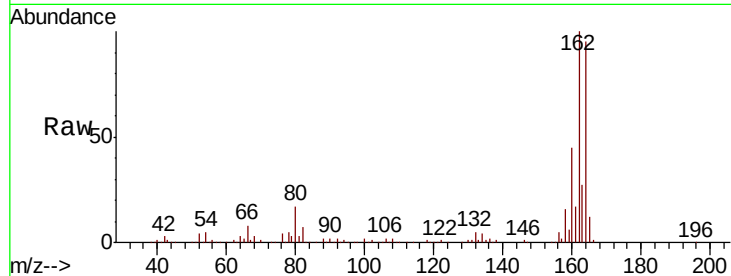




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	47.9	36.2	54.4

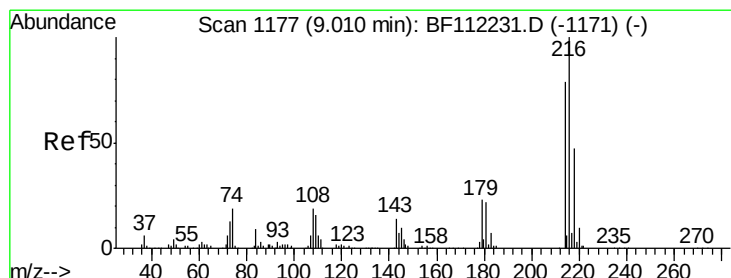
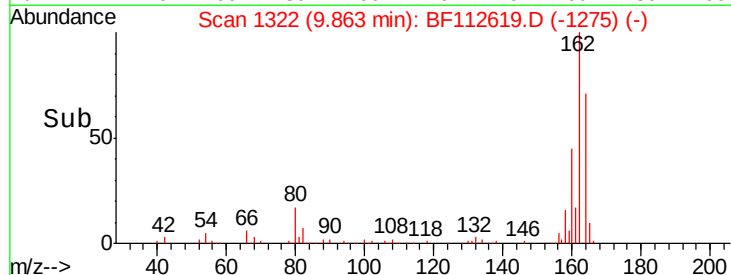
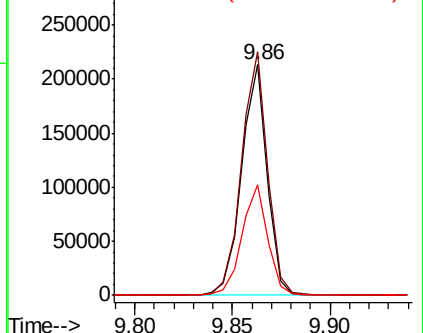


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.833 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	22.6	16.9	25.3
108	20.4	14.2	21.4

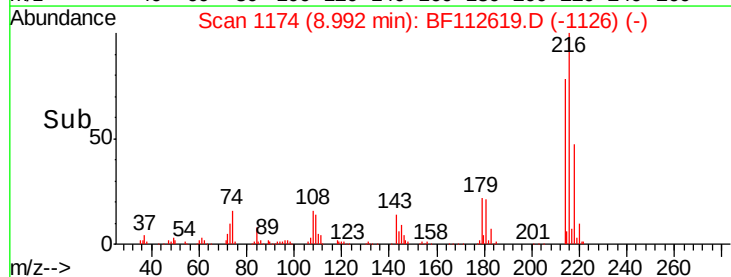
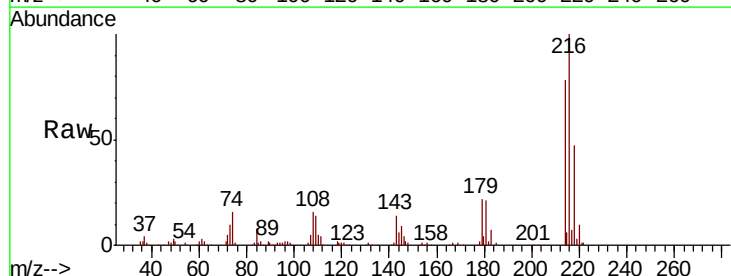
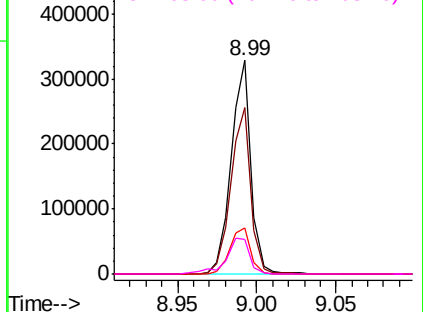
Abundance

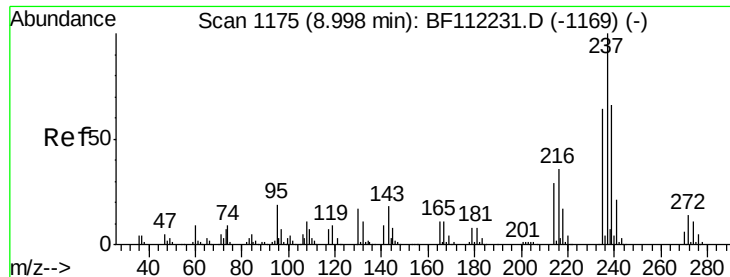
Ion 216.00 (215.70 to 216.70): E

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: 65.283 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.03 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampled :

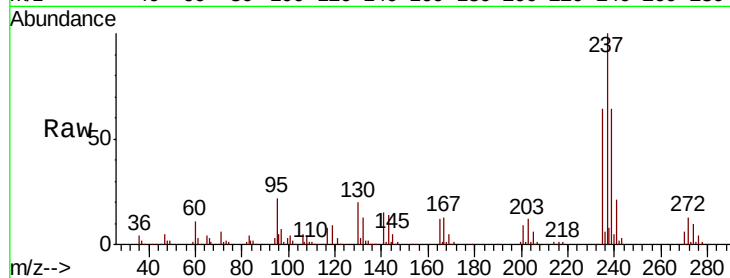
Tot Ion:237 Resp: 151519

Ion Ratio Lower Upper

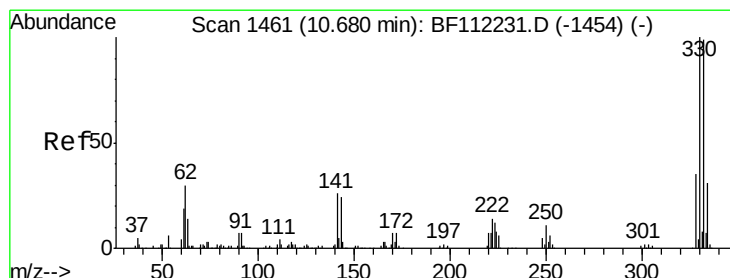
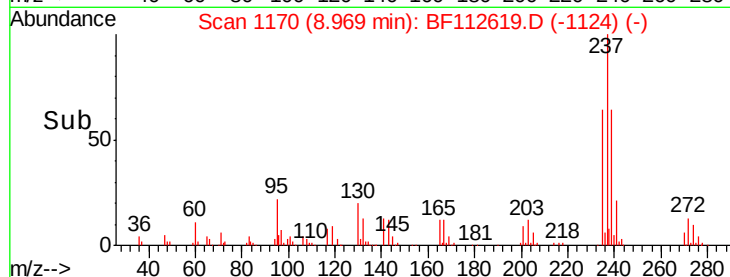
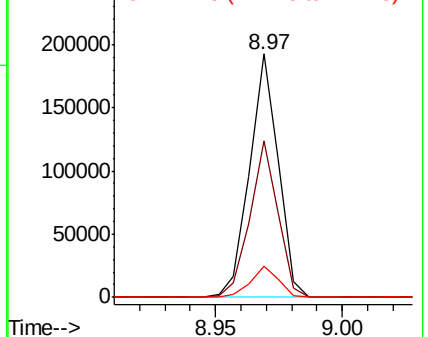
237 100

235 64.4 44.0 84.0

272 12.7 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 134.423 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

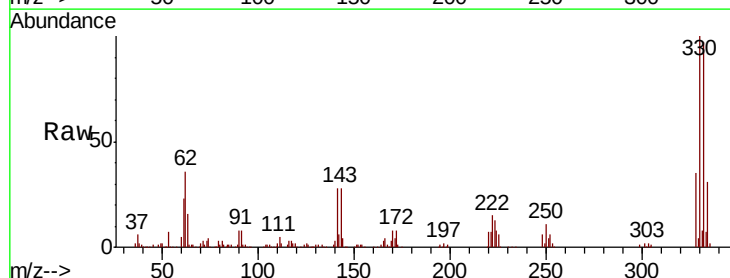
Tgt Ion:330 Resp: 300981

Ion Ratio Lower Upper

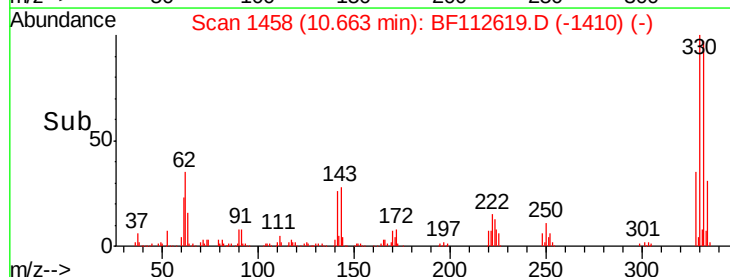
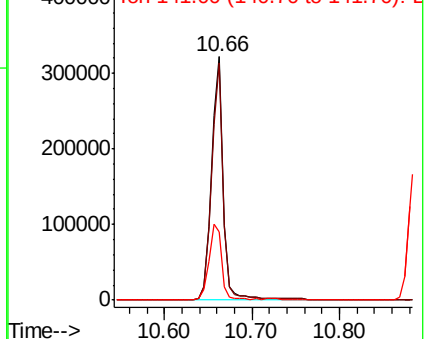
330 100

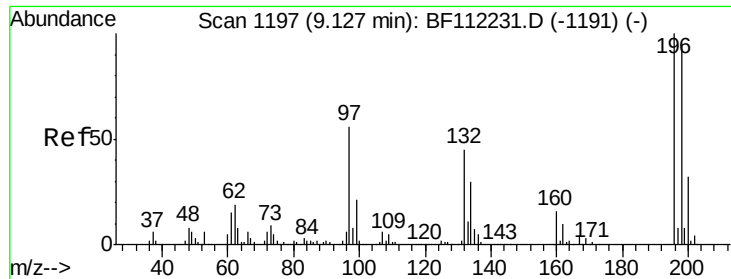
332 96.9 76.6 114.8

141 33.7 24.3 36.5



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

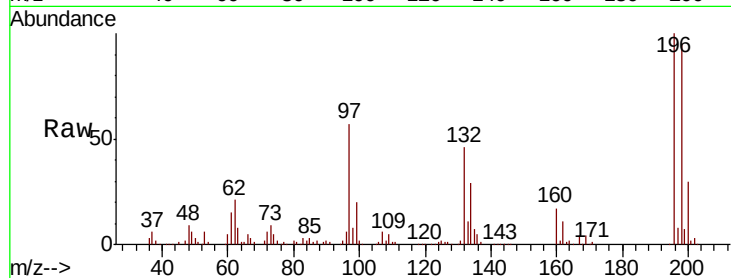




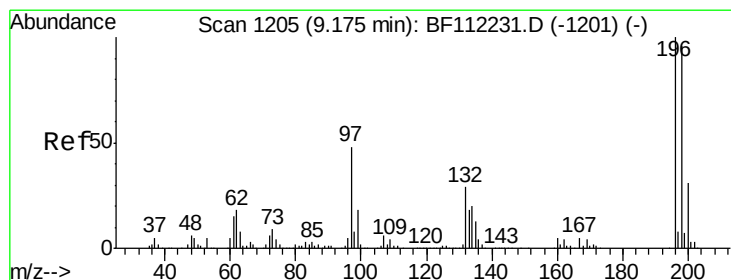
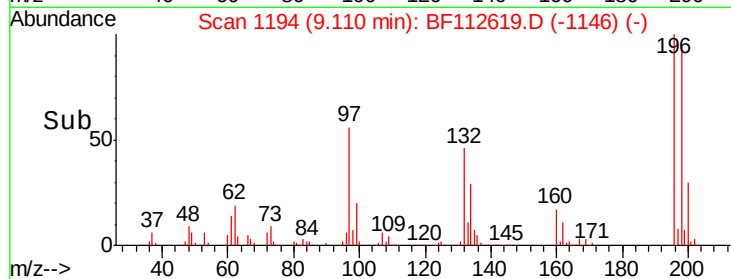
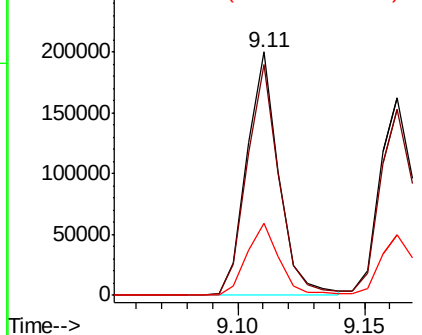
#43
 2,4,6-Trichlorophenol
 Concen: 45.213 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 176025
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.4
 200 29.6 24.3 36.5

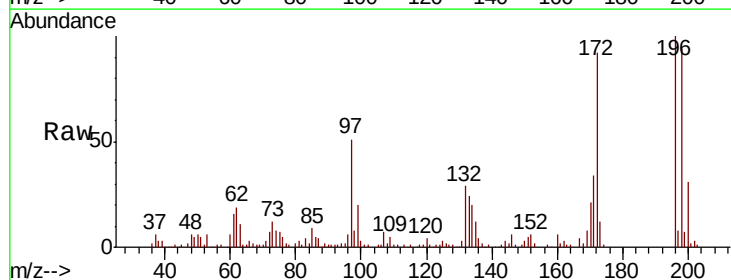


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

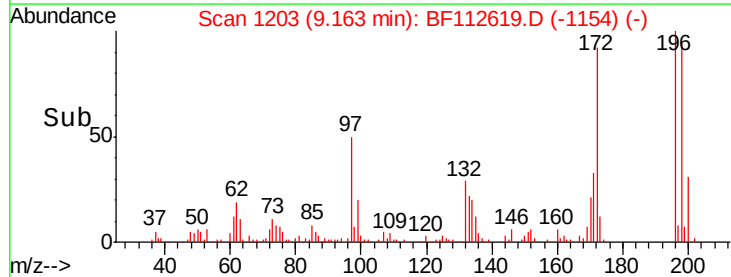
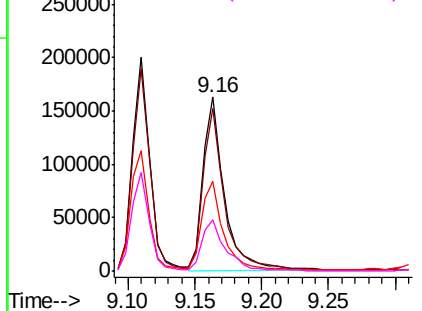


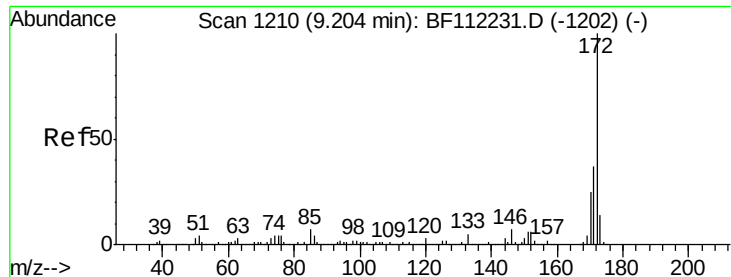
#44
 2,4,5-Trichlorophenol
 Concen: 44.488 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion:196 Resp: 181020
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.0 114.0
 97 51.3 36.4 54.6
 132 29.4 21.5 32.3



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

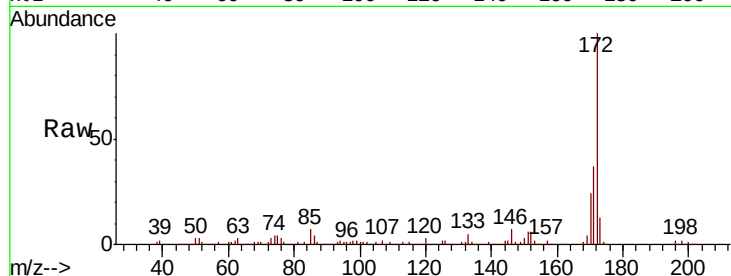




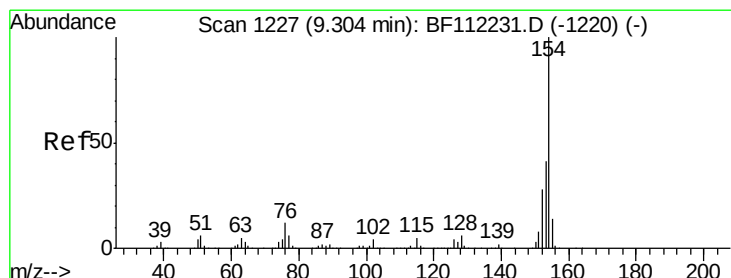
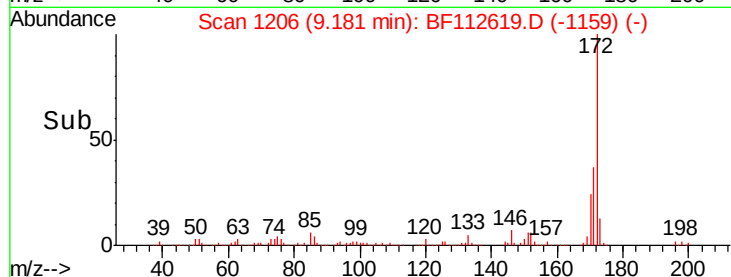
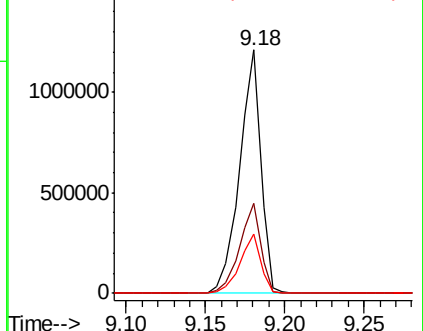
#45
2-Fluorobiphenyl
Concen: 82.723 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1125121
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.2 20.2 30.4

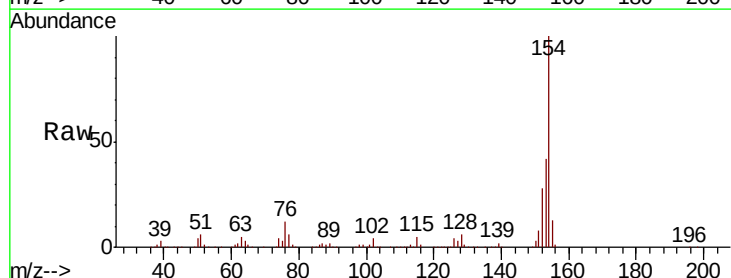


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

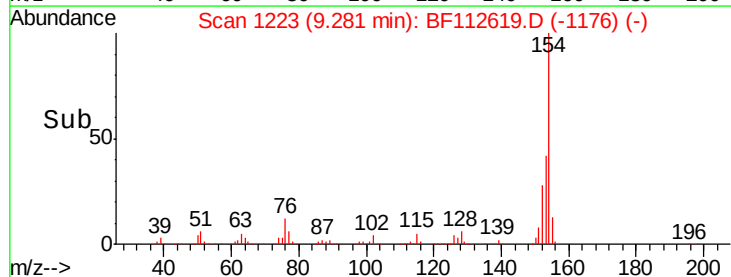
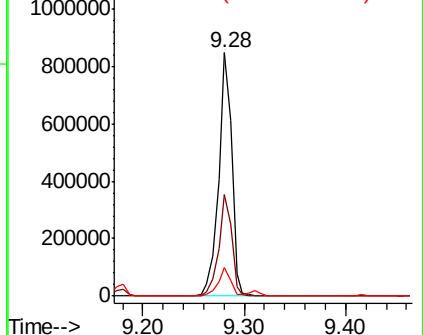


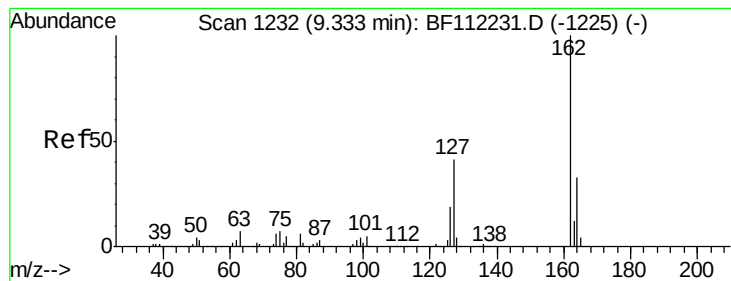
#46
1,1'-Biphenyl
Concen: 45.172 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:154 Resp: 759661
Ion Ratio Lower Upper
154 100
153 41.7 21.5 61.5
76 11.8 0.0 33.1



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





#47

2-Chloronaphthalene

Concen: 44.772 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

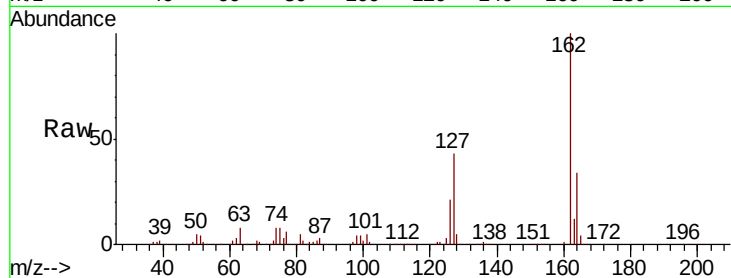
Tot Ion:162 Resp: 583875

Ion Ratio Lower Upper

162 100

127 43.3 30.4 45.6

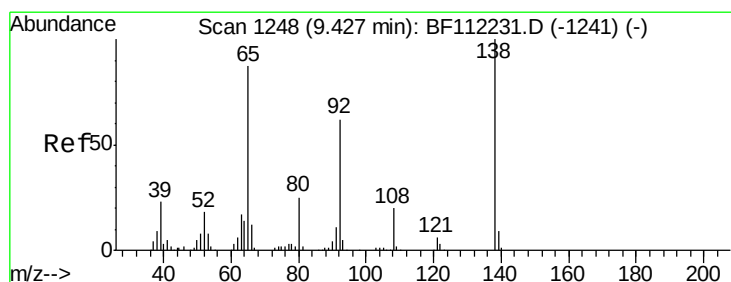
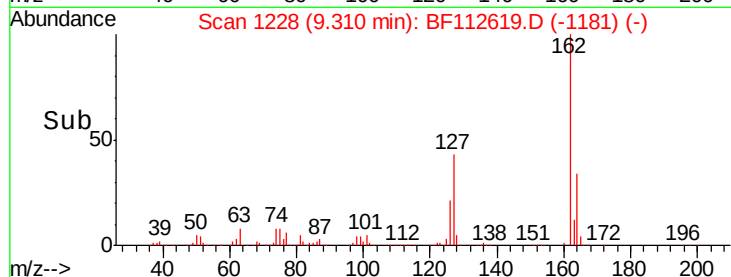
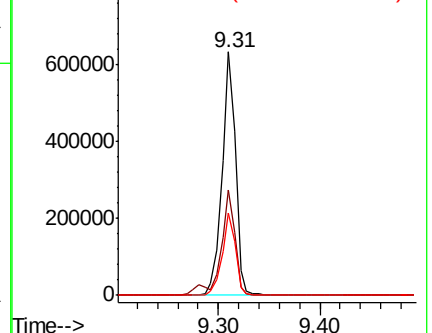
164 33.8 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.421 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

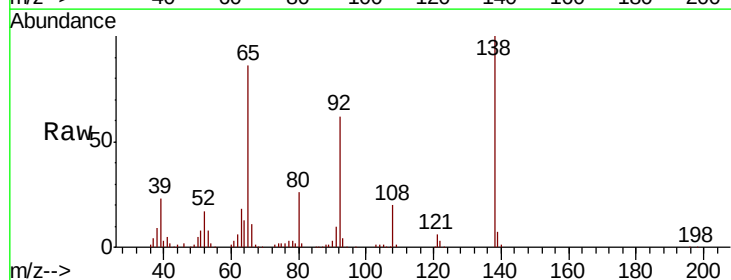
Tgt Ion: 65 Resp: 165002

Ion Ratio Lower Upper

65 100

92 71.5 60.4 90.6

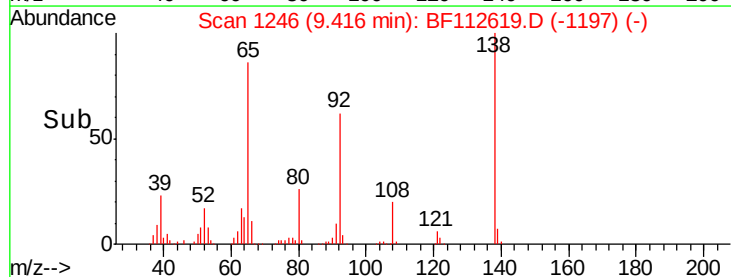
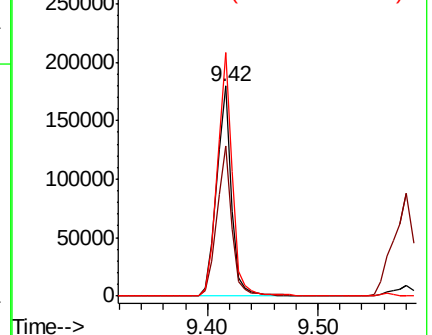
138 116.0 104.4 156.6

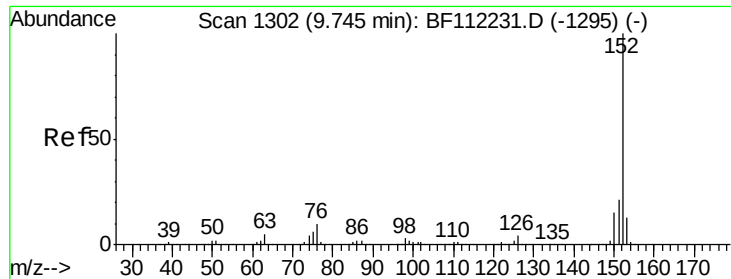


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.409 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

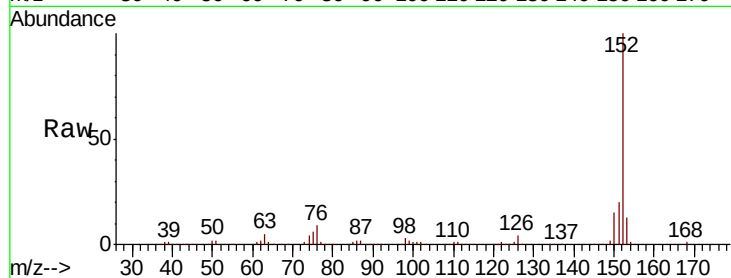
Tot Ion:152 Resp: 925318

Ion Ratio Lower Upper

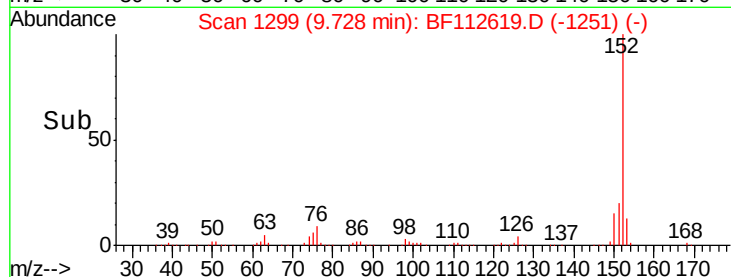
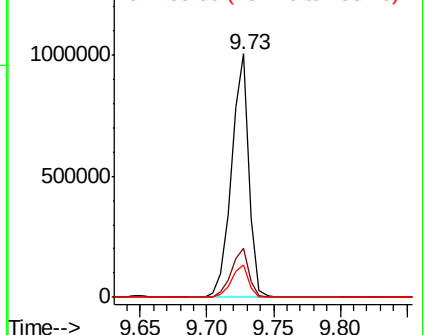
152 100

151 20.3 17.0 25.6

153 13.1 11.2 16.8



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



#50

Dimethylphthalate

Concen: 51.983 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

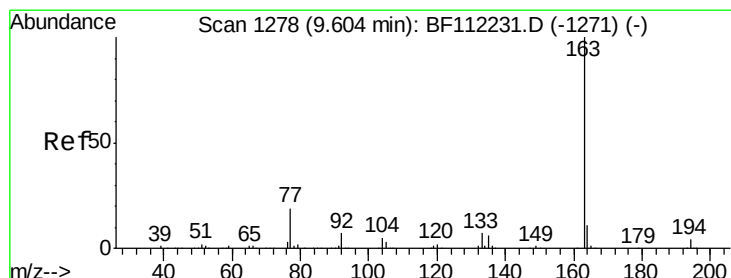
Tgt Ion:163 Resp: 776926

Ion Ratio Lower Upper

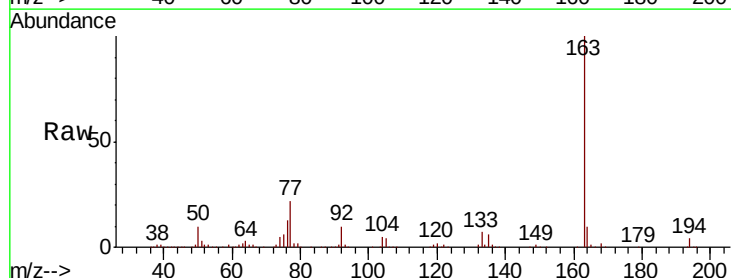
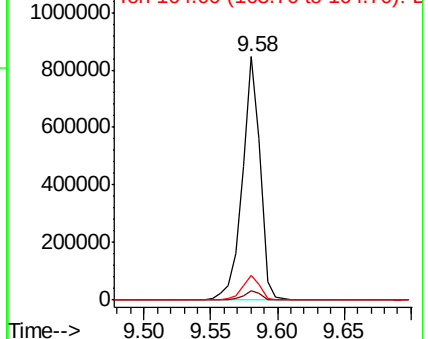
163 100

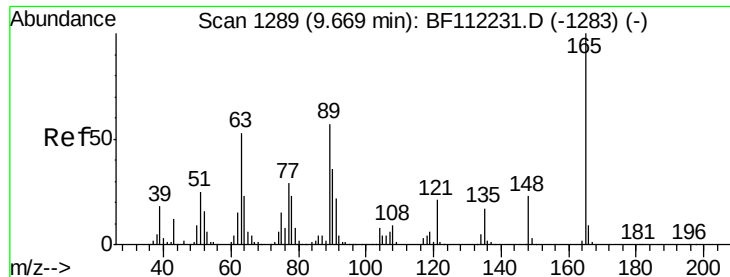
194 3.7 3.3 4.9

164 10.4 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 46.928 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

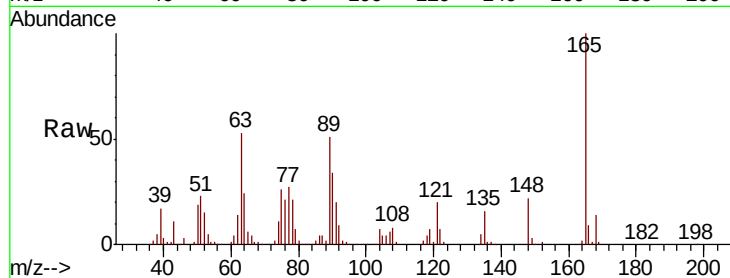
Tot Ion:165 Resp: 157081

Ion Ratio Lower Upper

165 100

63 53.0 33.8 50.8#

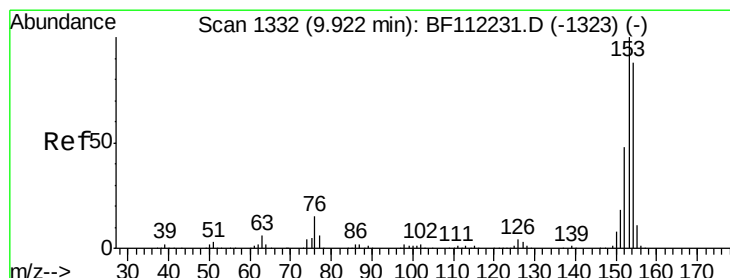
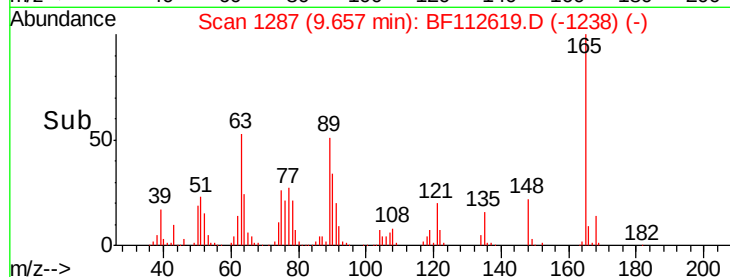
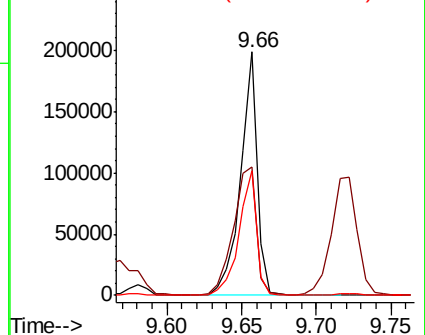
89 51.3 36.9 55.3



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: 46.899 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

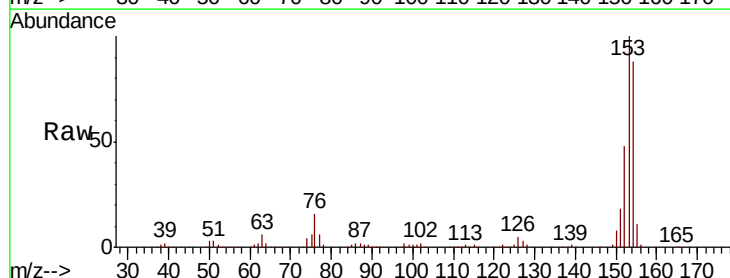
Tgt Ion:154 Resp: 535511

Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.6

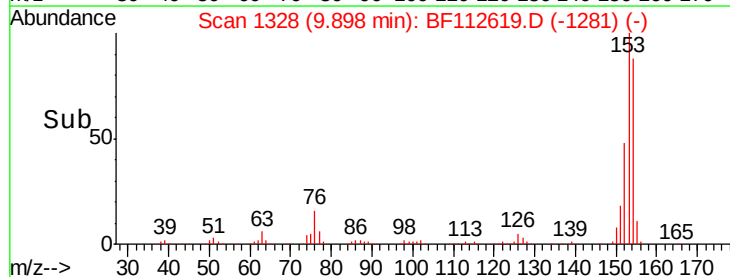
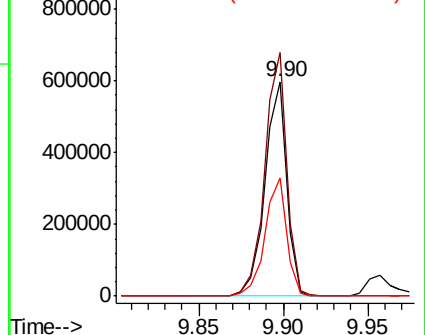
152 55.0 43.5 65.3

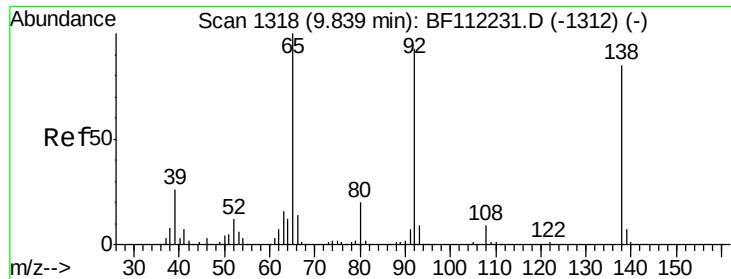


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

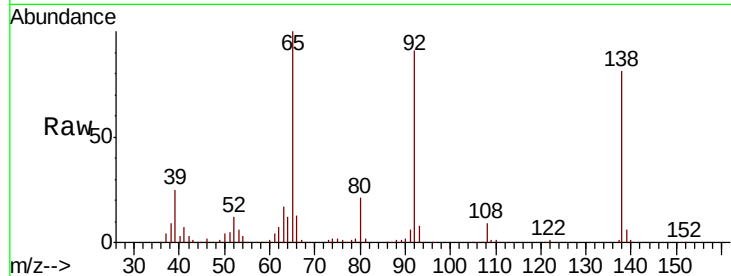




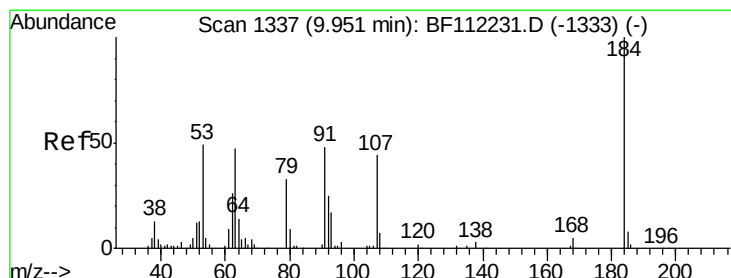
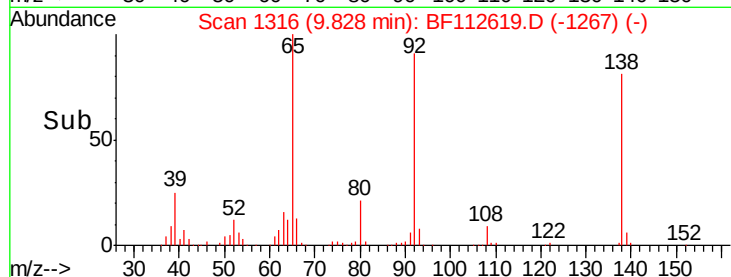
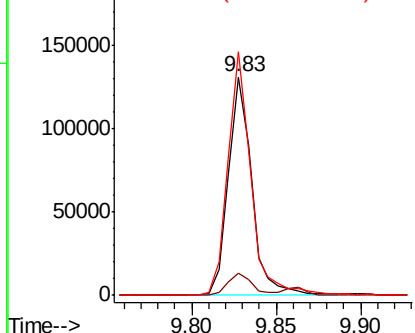
#53
 3-Nitroaniline
 Concen: 34.888 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 126516
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.8 14.6
 92 111.6 79.4 119.2

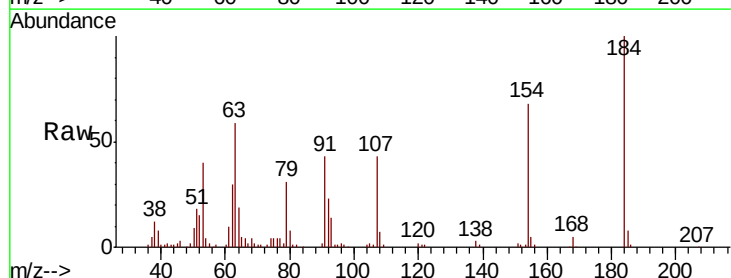


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

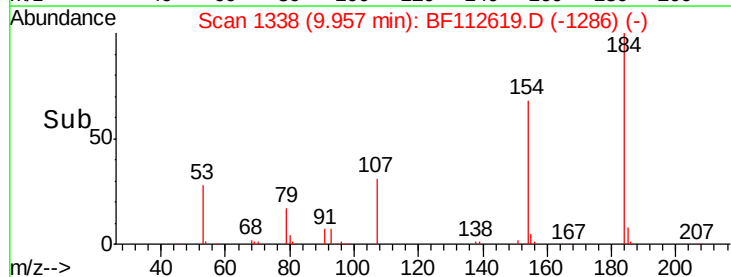
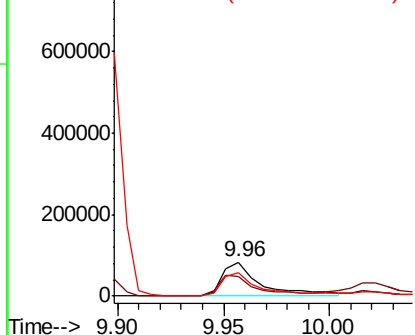


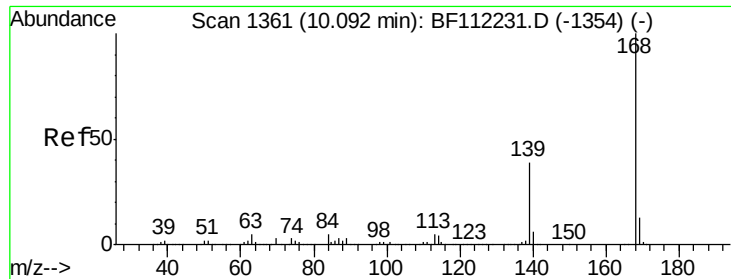
#54
 2,4-Dinitrophenol
 Concen: 97.382 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion:184 Resp: 104610
 Ion Ratio Lower Upper
 184 100
 63 59.4 47.1 70.7
 154 68.5 48.9 73.3



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: 46.471 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampled :

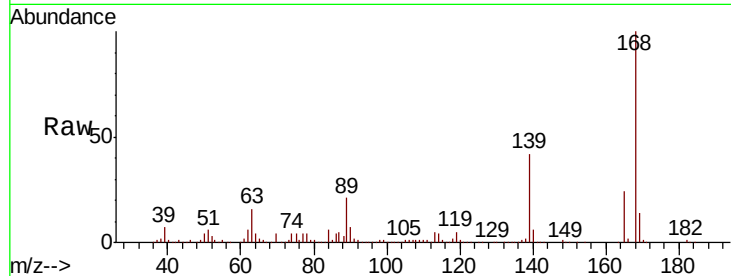
Tot Ion:168 Resp: 810883

Ion Ratio Lower Upper

168 100

139 42.3 29.2 43.8

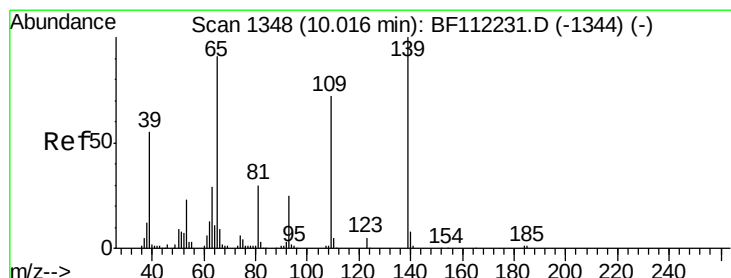
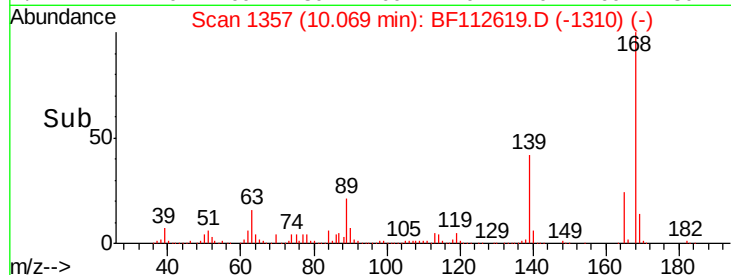
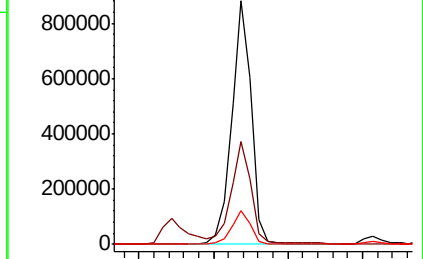
169 13.6 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 58.755 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

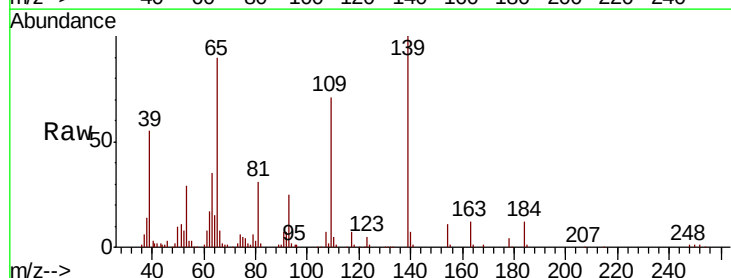
Tgt Ion:139 Resp: 112646

Ion Ratio Lower Upper

139 100

109 71.2 42.8 82.8

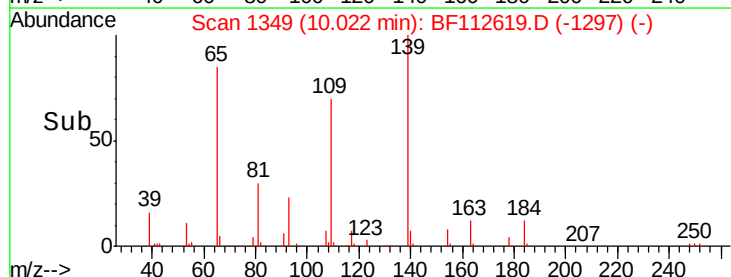
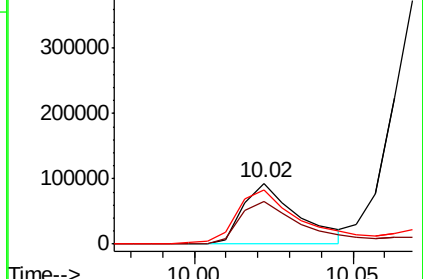
65 89.8 66.1 106.1

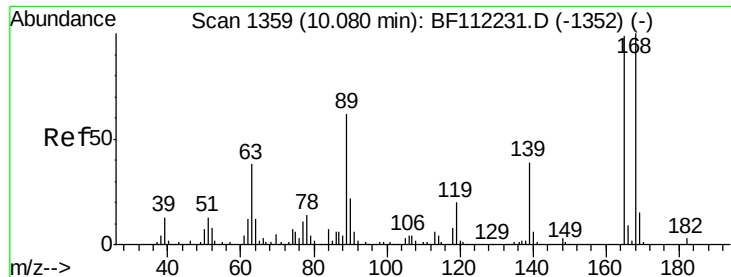


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

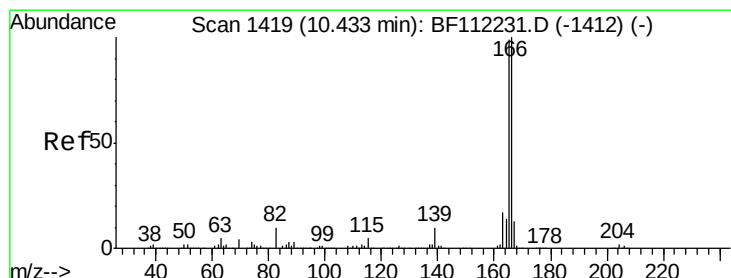
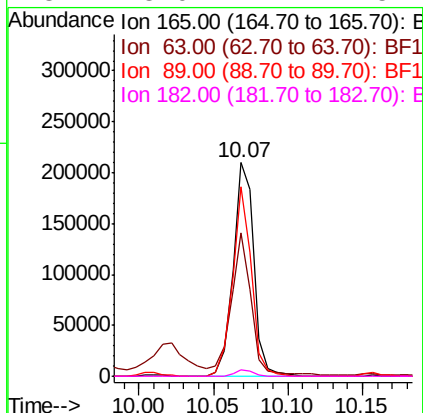
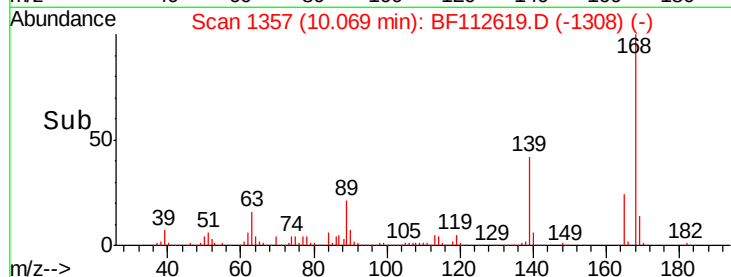
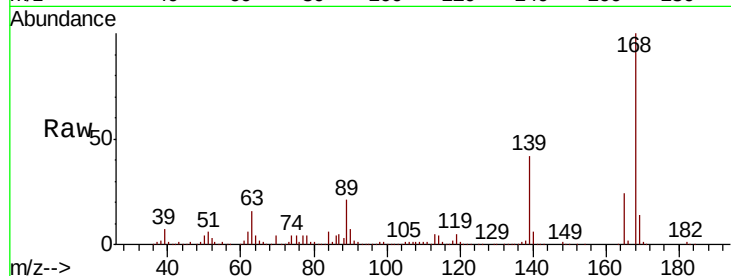




#57
2,4-Dinitrotoluene
Concen: 47.977 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

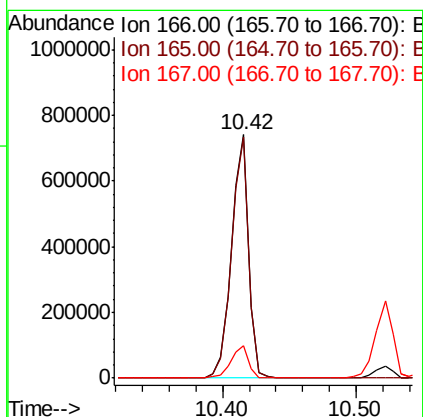
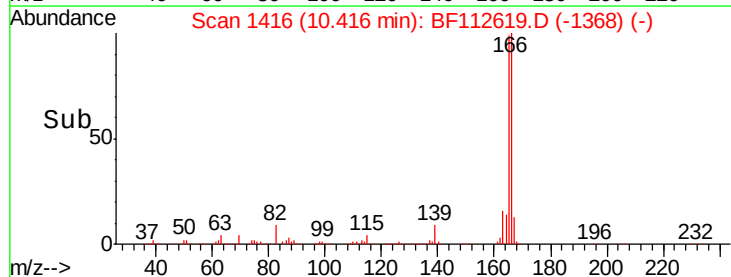
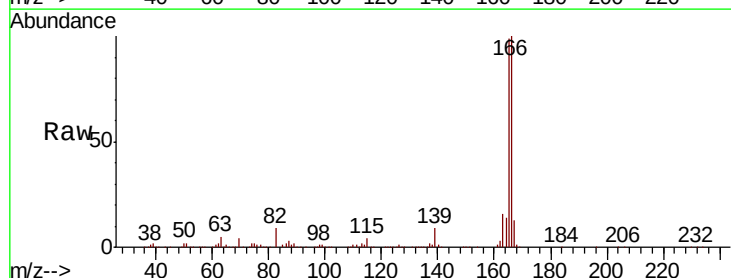
Instrument :
BNA_F
ClientSampleId :

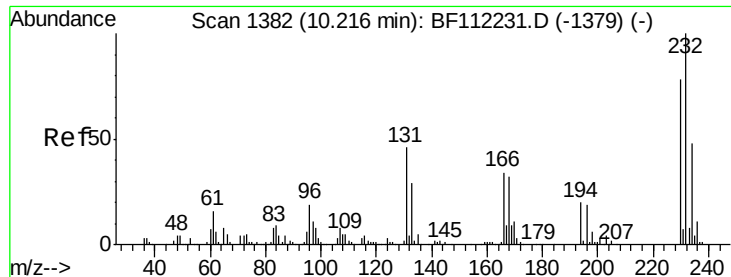
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.3	27.9	41.9#
89	88.7	47.9	71.9#
182	3.0	2.2	3.4



#58
Fluorene
Concen: 51.079 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.1	115.7
167	13.4	11.3	16.9

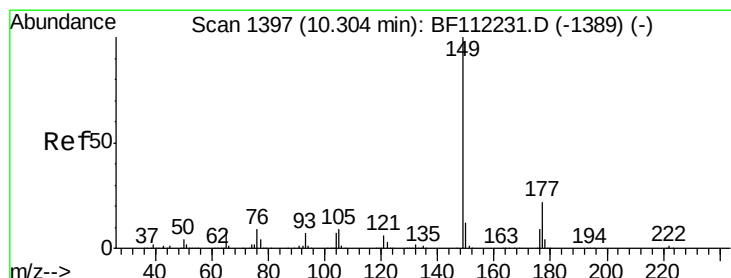
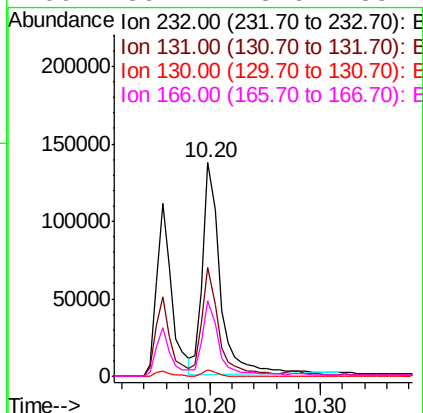
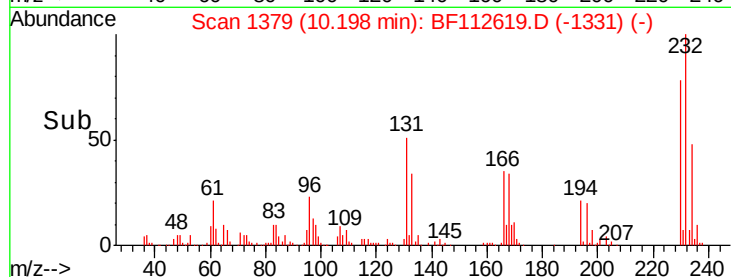
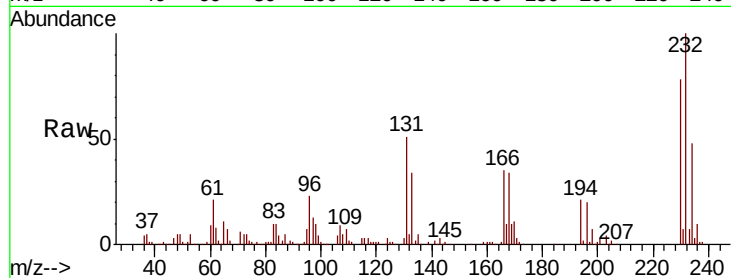




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.705 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

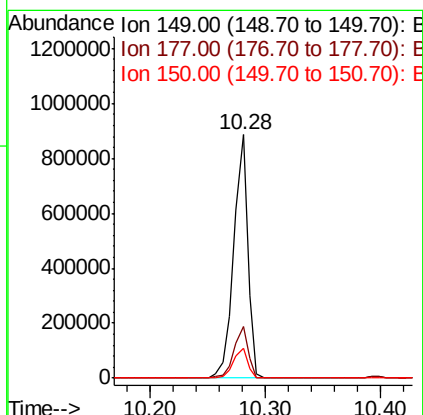
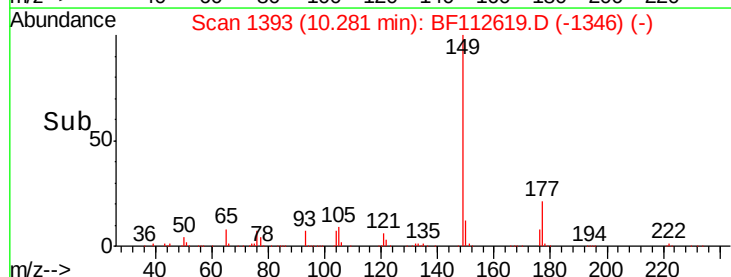
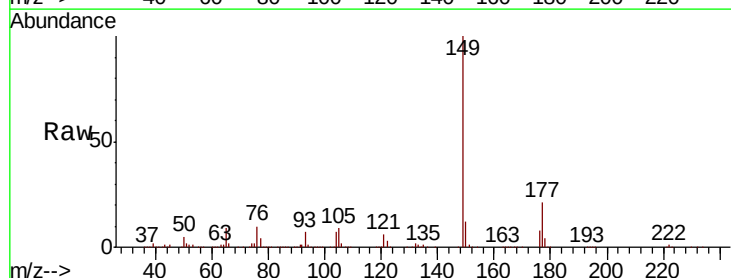
Instrument :
 BNA_F
 ClientSampled :

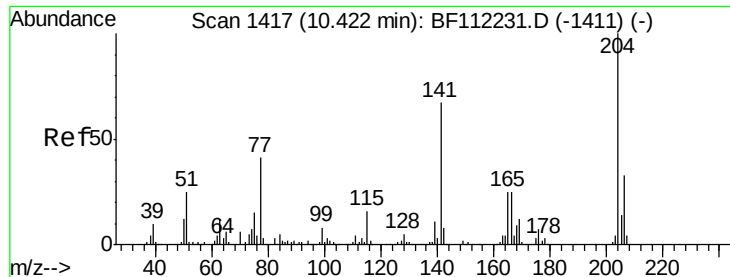
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	33.9	50.9
130	2.4	1.8	2.6
166	30.4	23.6	35.4



#60
 Diethylphthalate
 Concen: 50.678 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.2	27.2
150	12.4	10.4	15.6

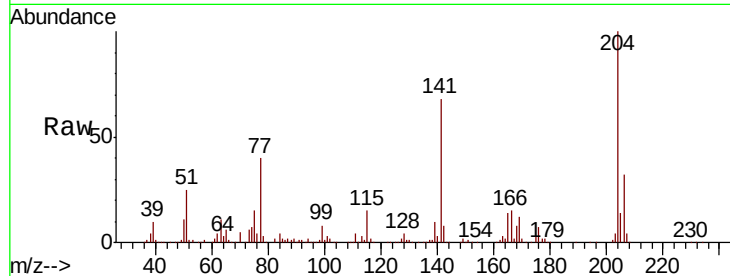




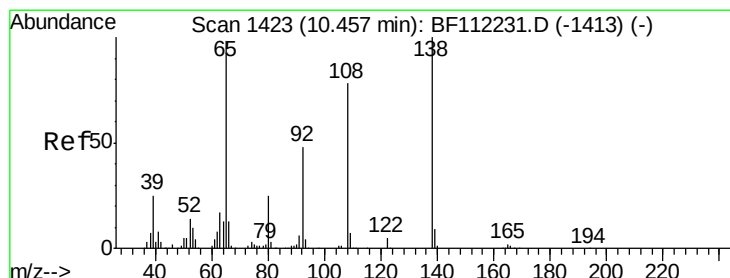
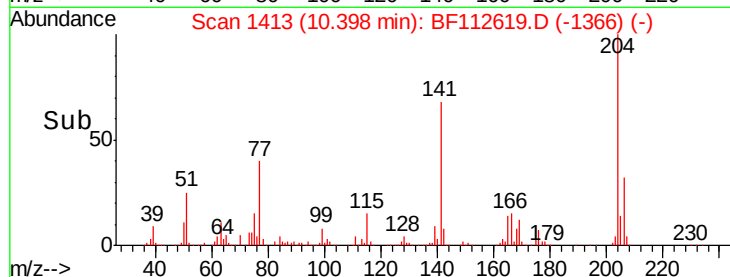
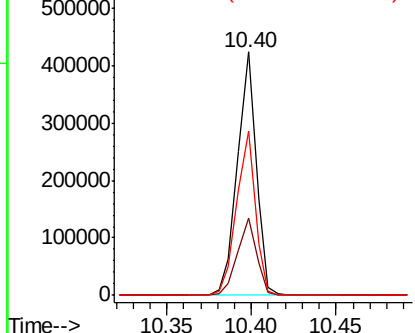
#61
4-Chlorophenyl-phenylether
Concen: 46.426 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 329763
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 67.6 45.9 68.9

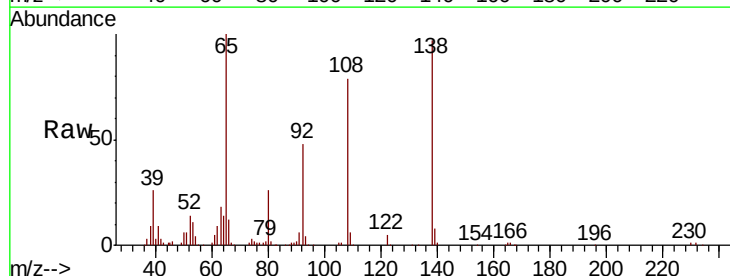


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

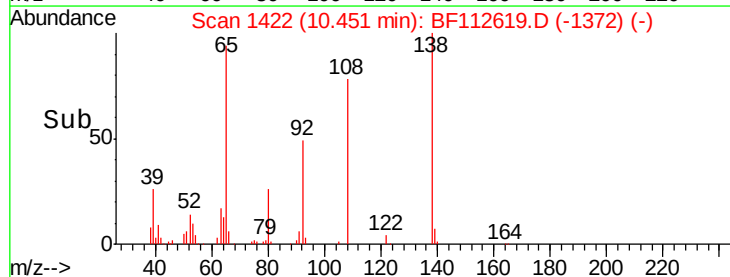
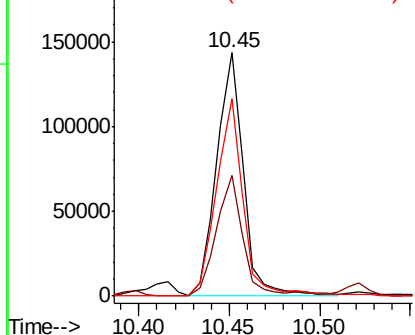


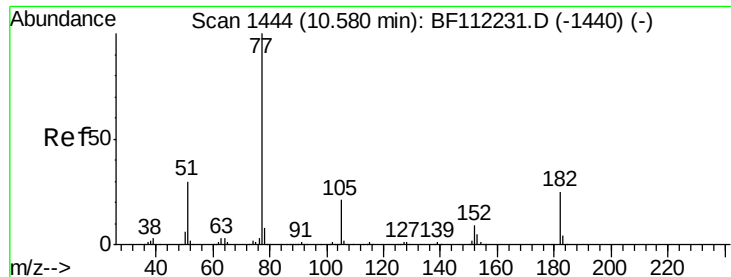
#62
4-Nitroaniline
Concen: 41.055 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:138 Resp: 146028
Ion Ratio Lower Upper
138 100
92 49.5 30.6 70.6
108 81.3 50.0 90.0



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





#63

Azobenzene

Concen: 49.165 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 641321

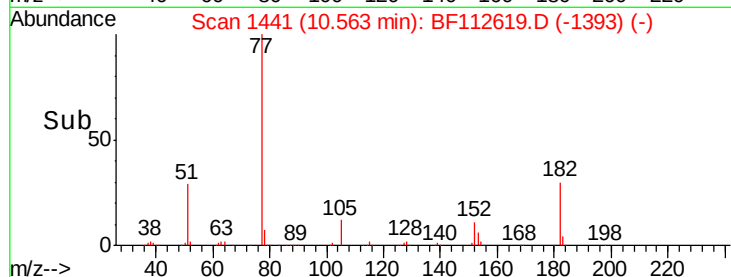
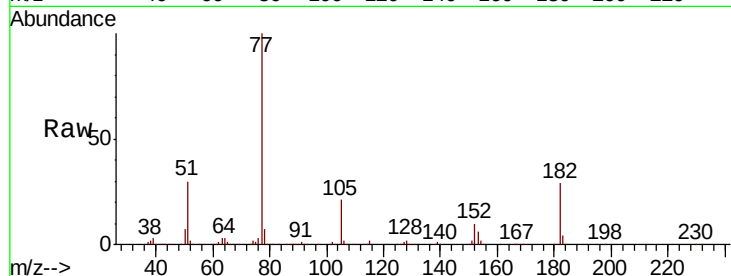
Ion Ratio Lower Upper

77 100

182 28.5 5.7 45.7

105 21.4 1.4 41.4

51 29.9 9.5 49.5

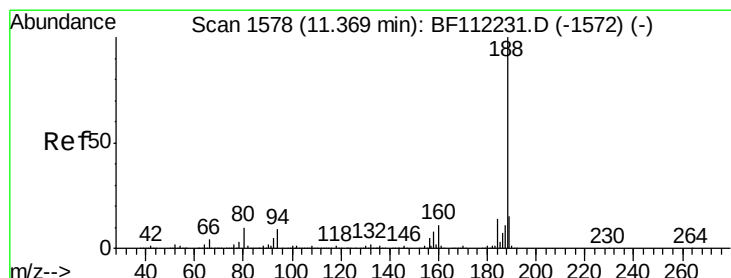
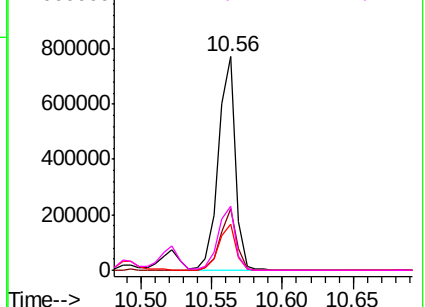


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

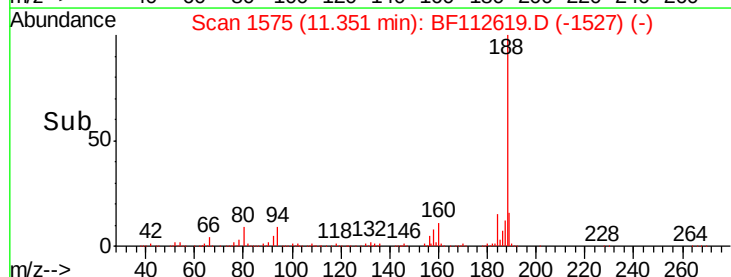
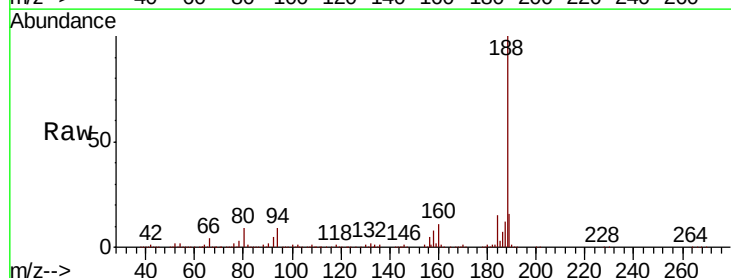
Tgt Ion: 188 Resp: 376356

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

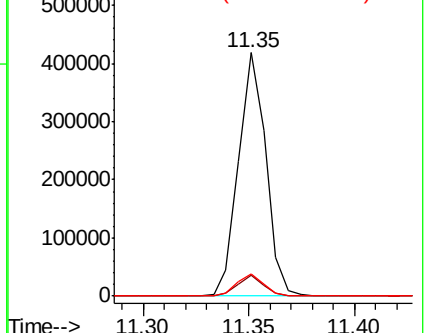
80 9.4 8.9 13.3

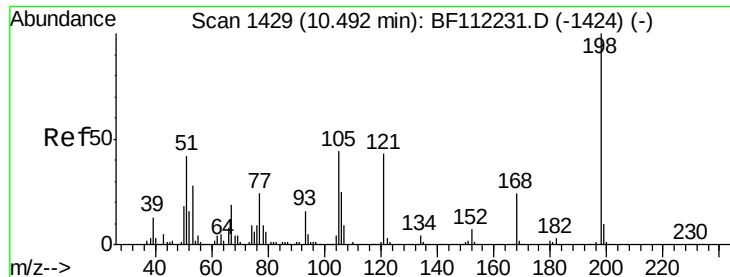


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

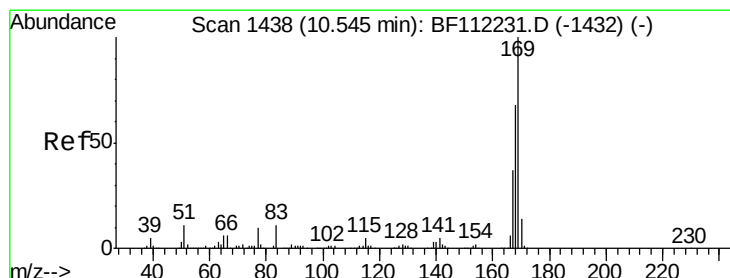
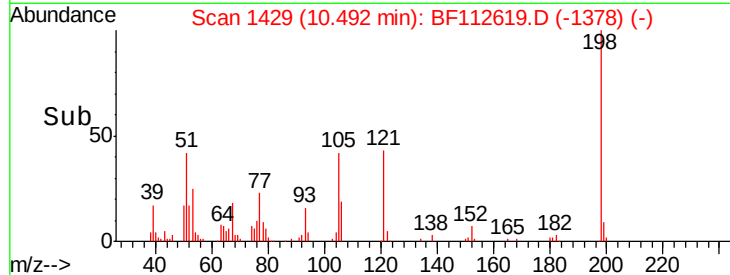
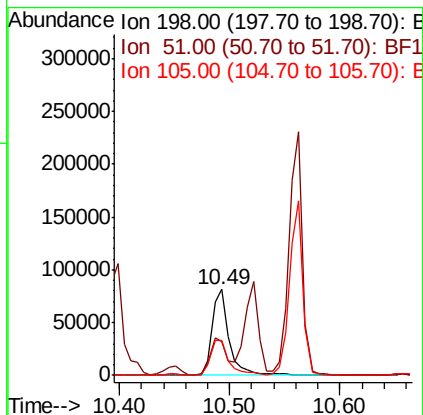
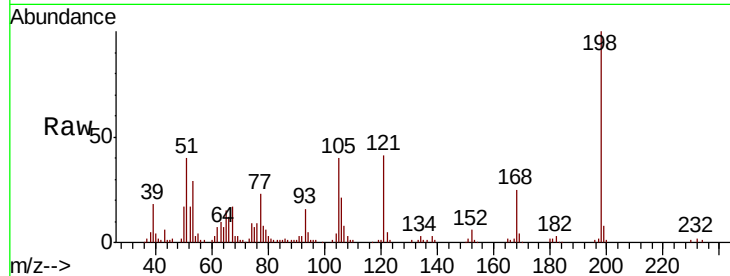




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.859 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

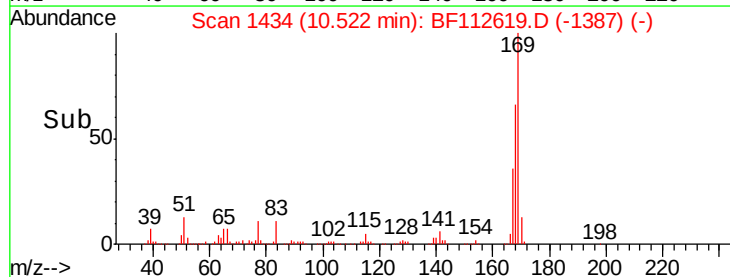
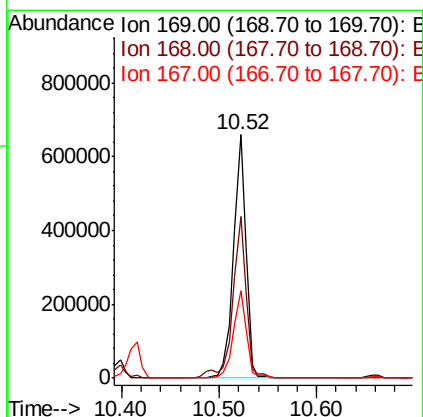
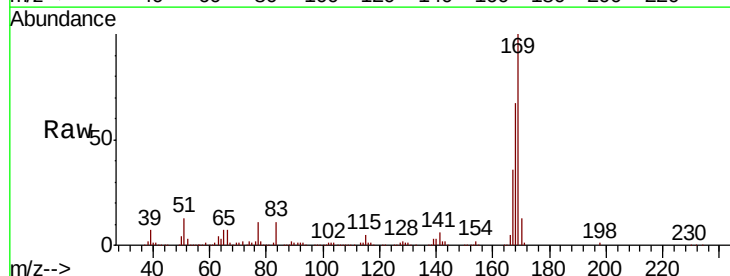
Instrument :
 BNA_F
 ClientSampled :

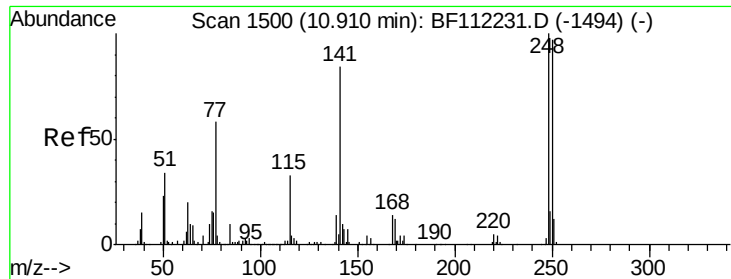
Tot Ion	198	Resp	86216
Ion Ratio	100	Lower	Upper
51	40.1	17.2	57.2
105	40.2	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 46.358 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	169	Resp	588011
Ion Ratio	100	Lower	Upper
168	66.6	53.9	80.9
167	35.7	28.9	43.3

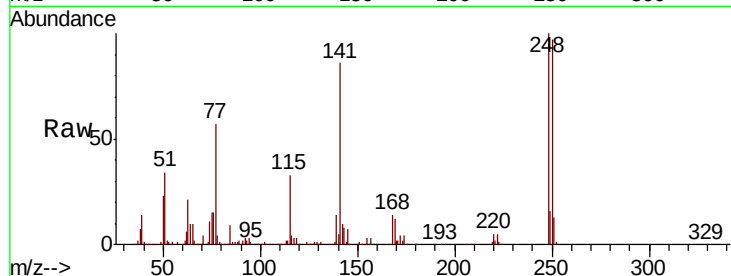




#67
 4-Bromophenyl-phenylether
 Concen: 45.106 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.7	119.5
141	86.5	60.3	90.5

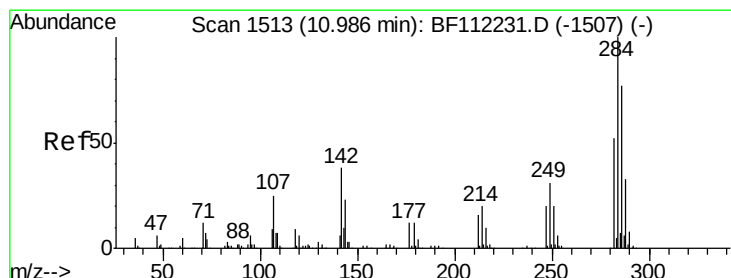
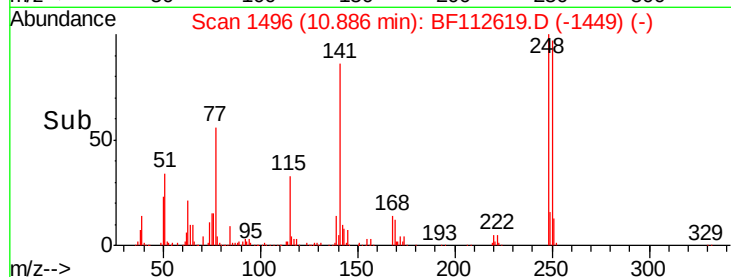
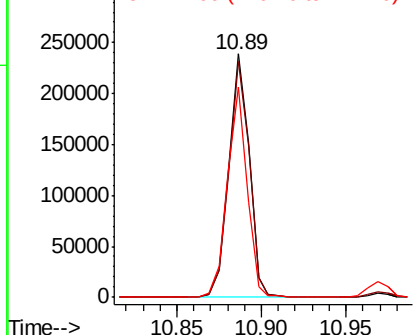


Abundance

Ion 248.00 (247.70 to 248.70): E

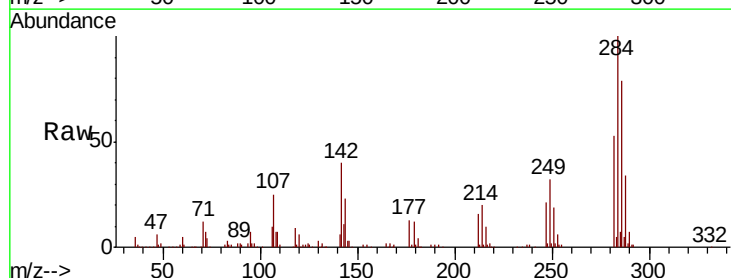
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 46.309 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.9	27.6	41.4
249	32.2	24.1	36.1

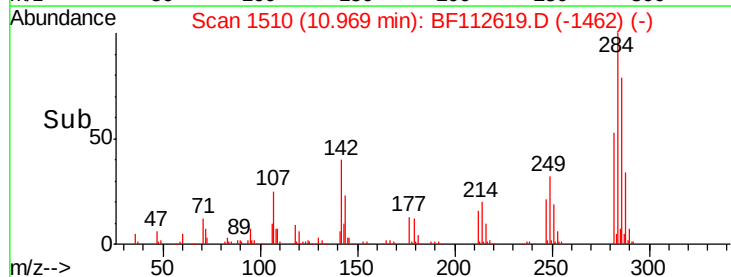
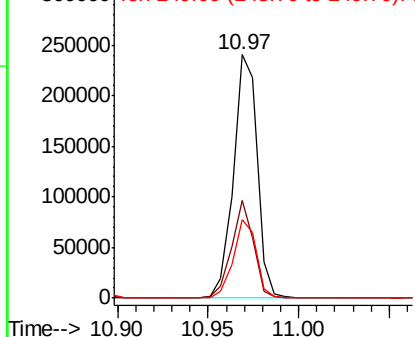


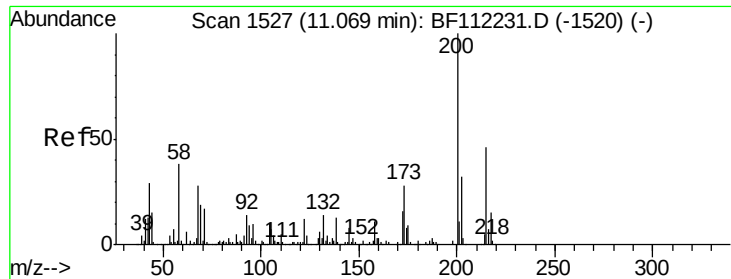
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

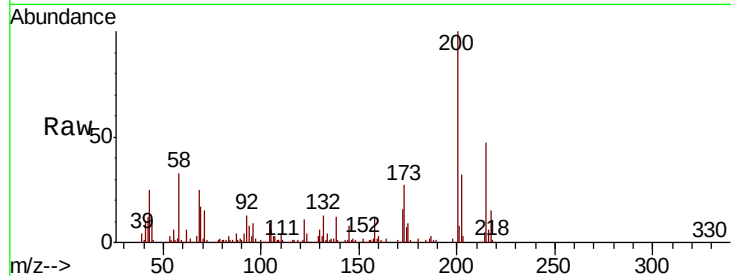




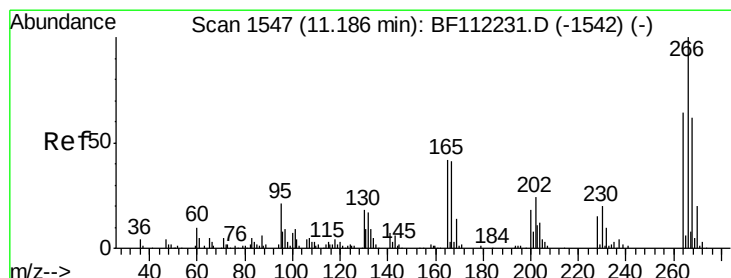
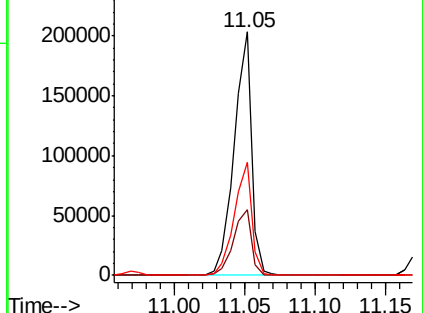
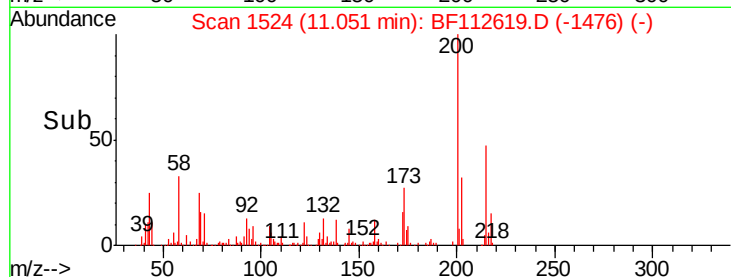
#69
Atrazine
Concen: 42.866 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 175443
Ion Ratio Lower Upper
200 100
173 26.8 7.1 47.1
215 46.5 30.4 70.4

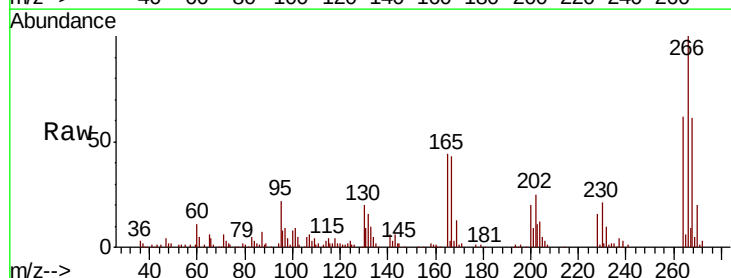


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

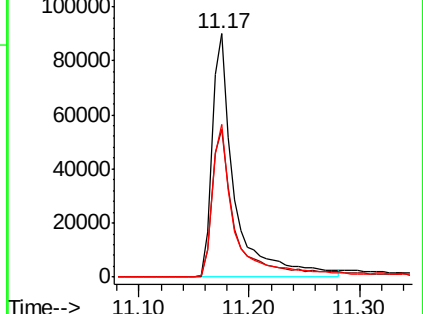
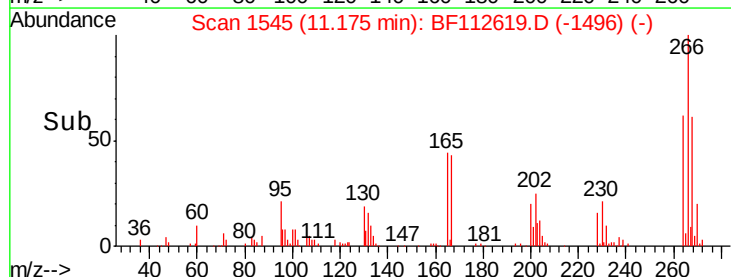


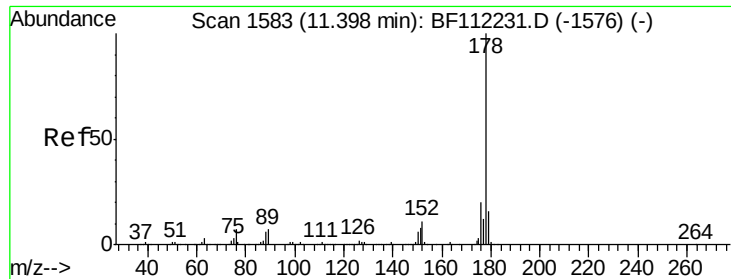
#70
Pentachlorophenol
Concen: 68.424 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:266 Resp: 126441
Ion Ratio Lower Upper
266 100
268 60.8 51.2 76.8
264 62.5 50.9 76.3



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

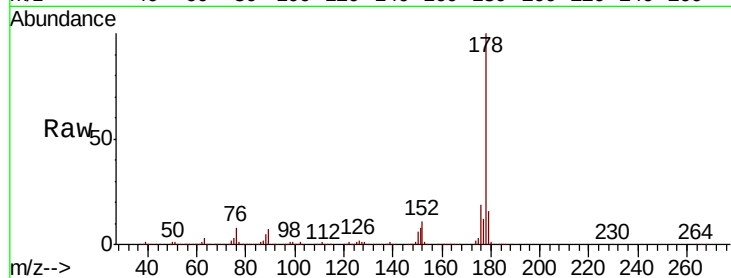




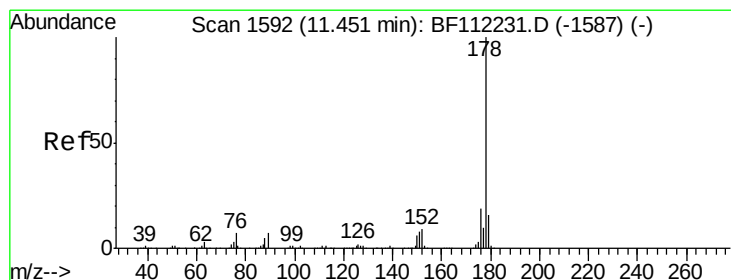
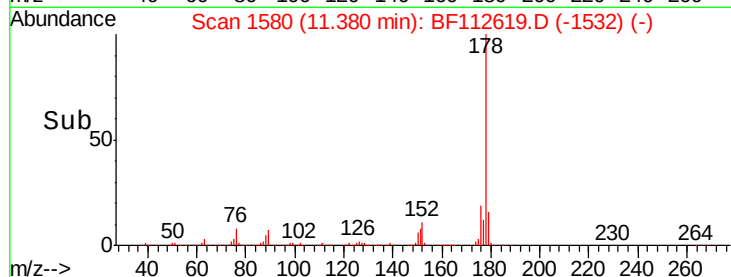
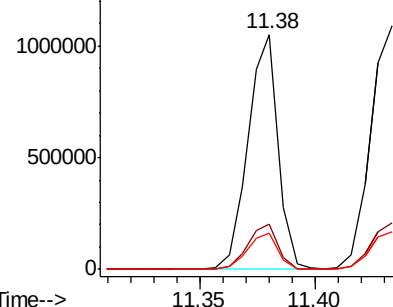
#71
Phenanthrene
Concen: 48.690 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 952678
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.6 13.0 19.4

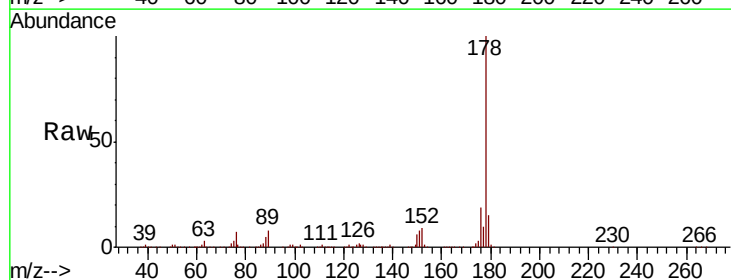


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

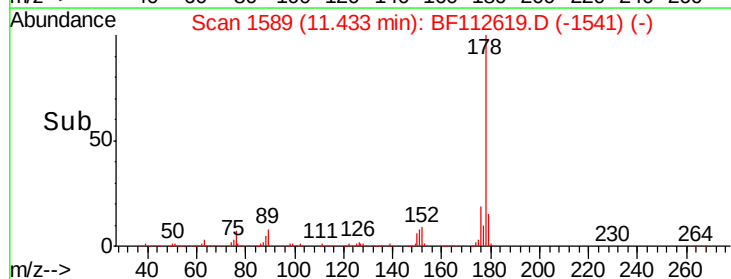
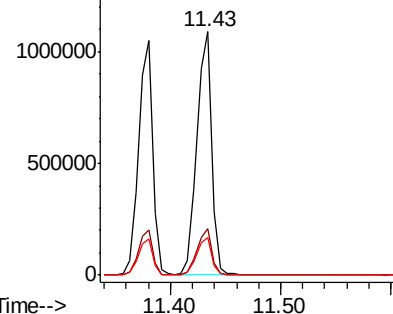


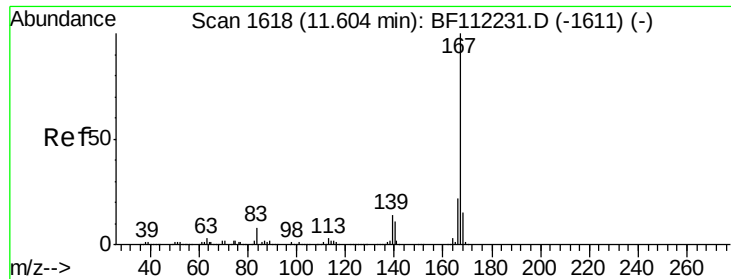
#72
Anthracene
Concen: 50.978 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:178 Resp: 993574
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

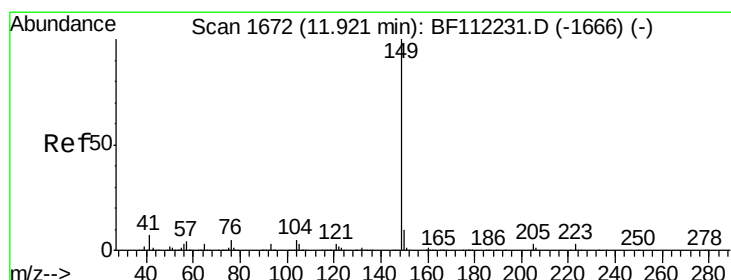
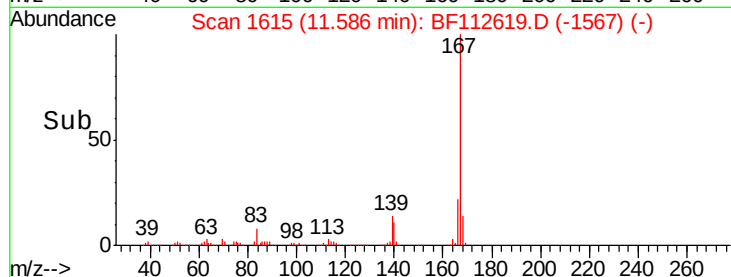
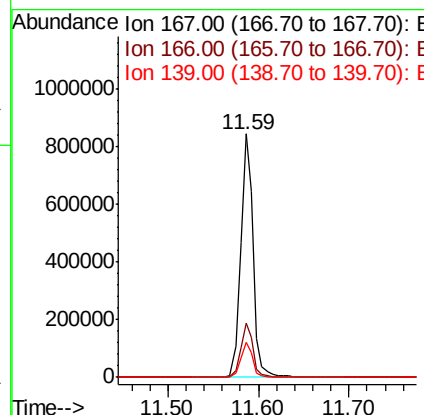
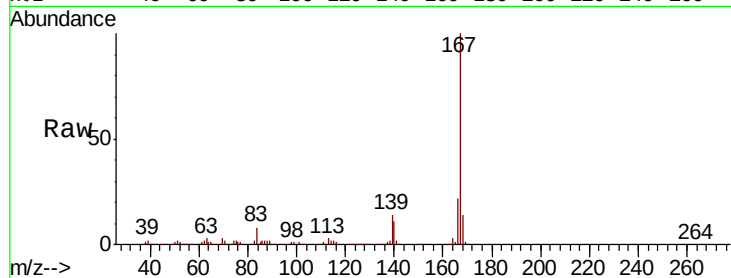




#73
 Carbazole
 Concen: 42.215 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

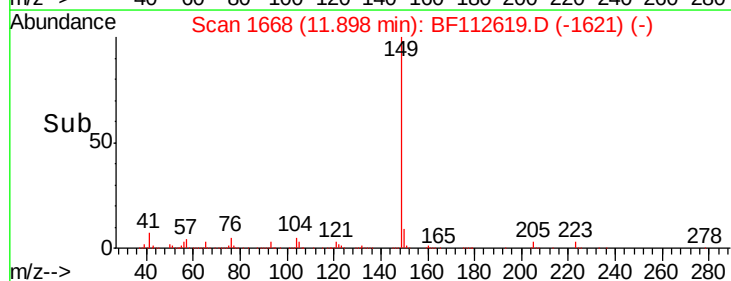
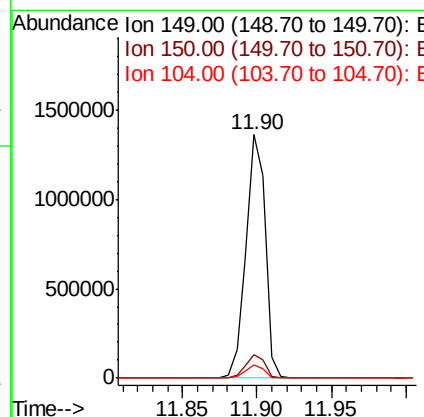
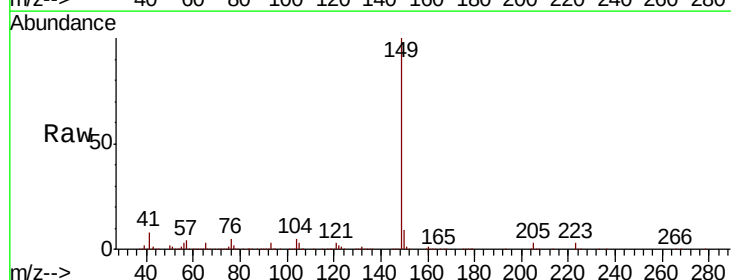
Instrument :
 BNA_F
 ClientSampleId :

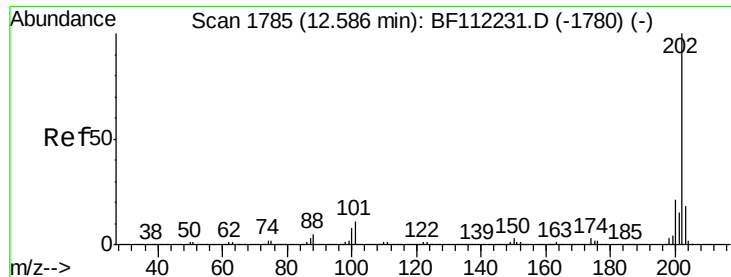
Tot Ion:167 Resp: 811616
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 14.1 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 51.185 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion:149 Resp: 1221468
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.1 12.1
 104 5.4 3.9 5.9

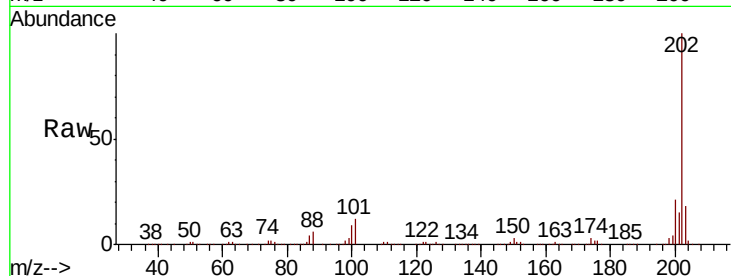




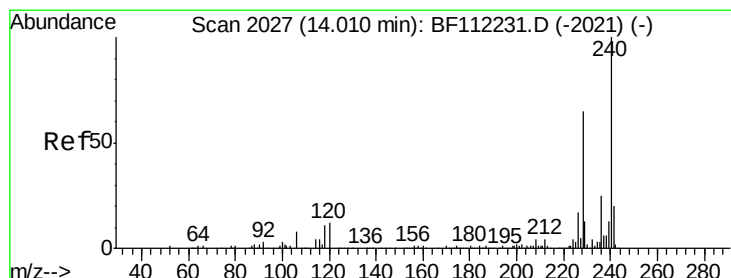
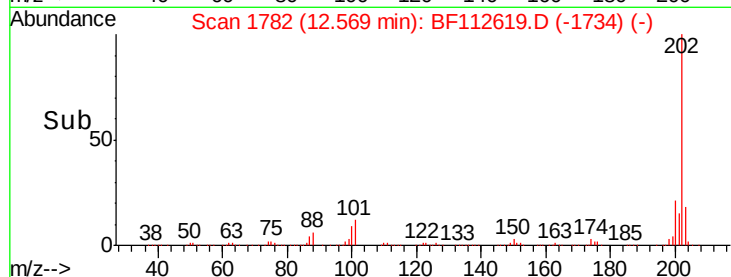
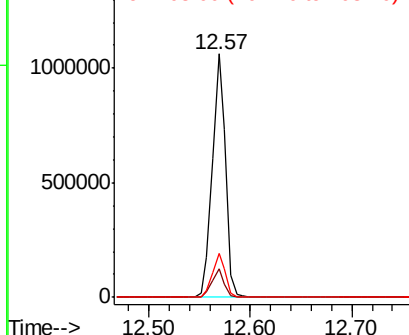
#75
Fluoranthene
Concen: 46.054 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.8
203	17.8	0.0	38.4

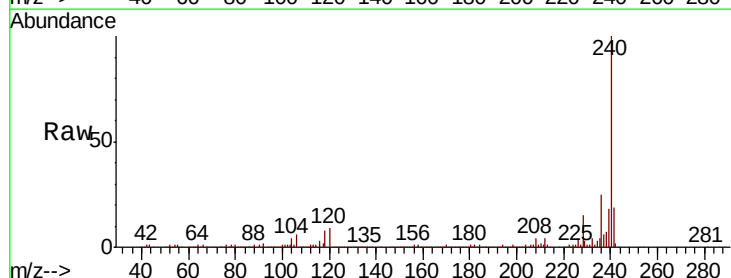


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

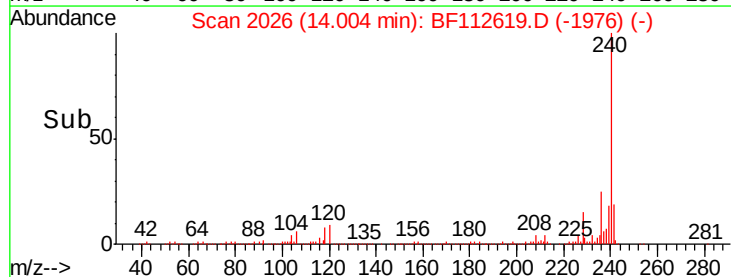
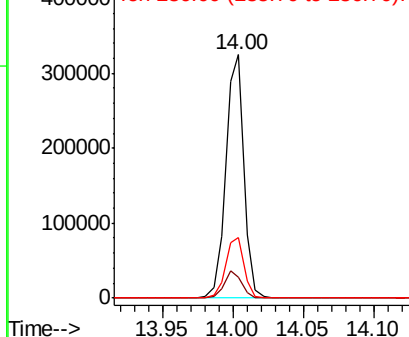


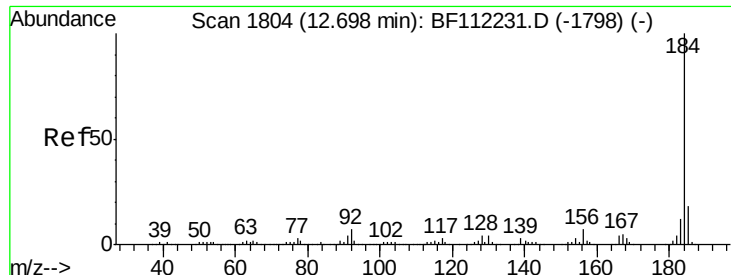
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.0	13.6#
236	25.1	20.7	31.1



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: 74.810 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

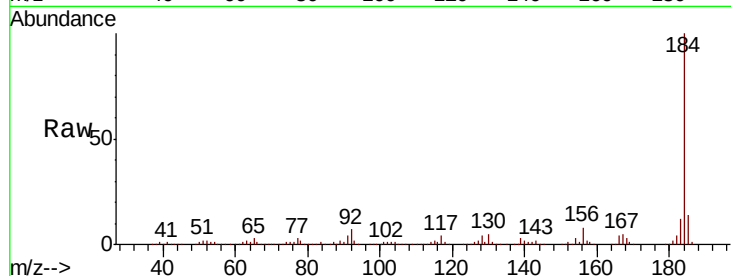
Tot Ion:184 Resp: 589541

Ion Ratio Lower Upper

184 100

185 14.0 13.9 20.9

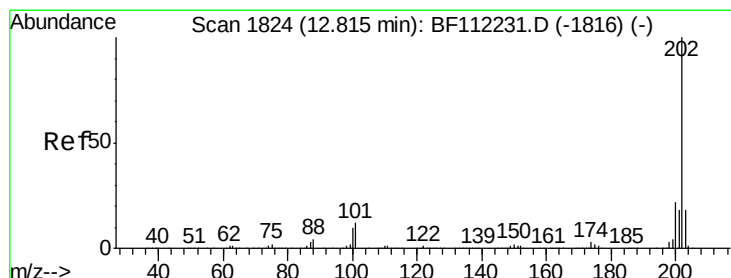
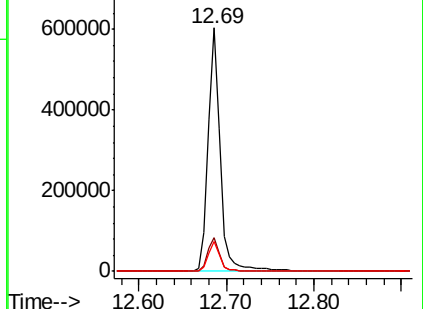
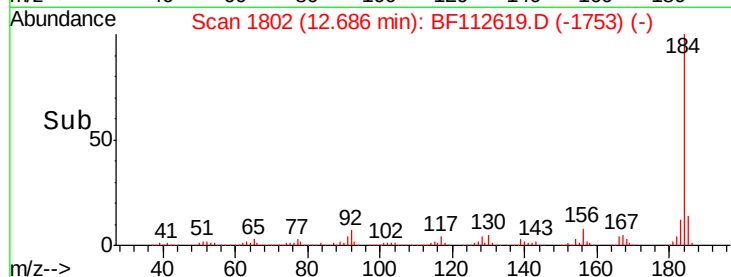
183 12.1 10.0 15.0



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: 48.849 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

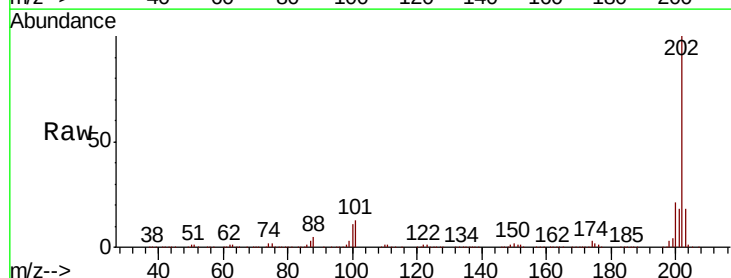
Tgt Ion:202 Resp: 968335

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

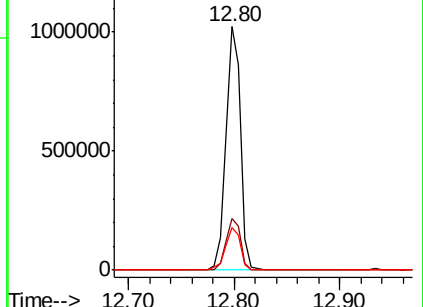
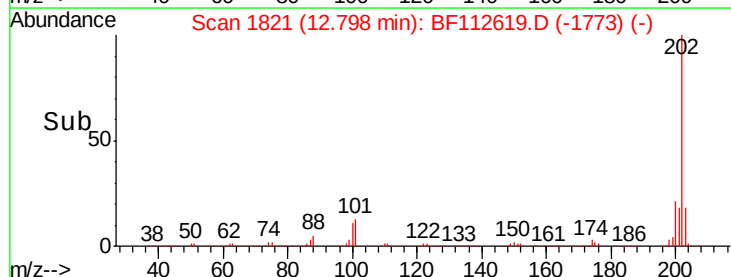
203 17.6 14.6 22.0

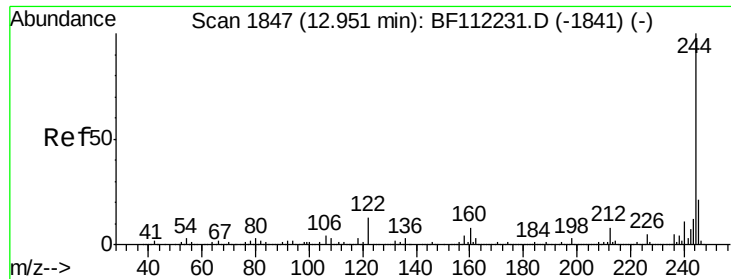


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



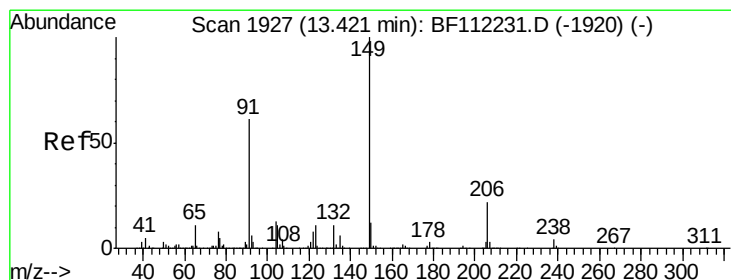
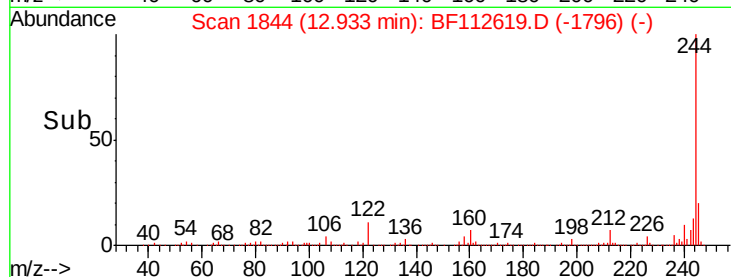
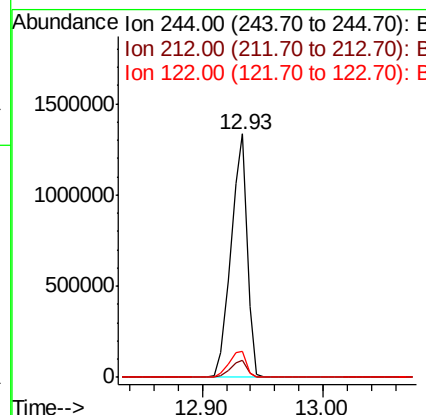
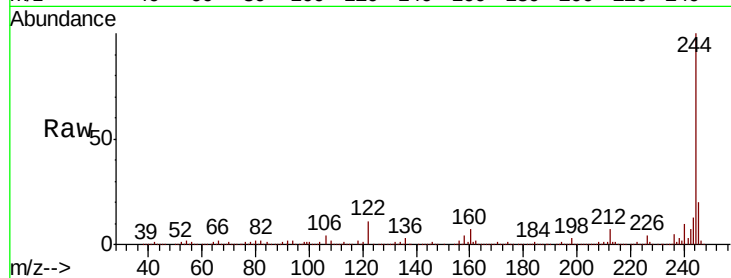


#79
 Terphenyl-d14
 Concen: 81.178 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1234062

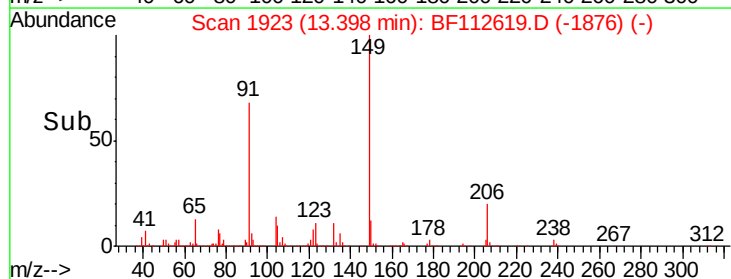
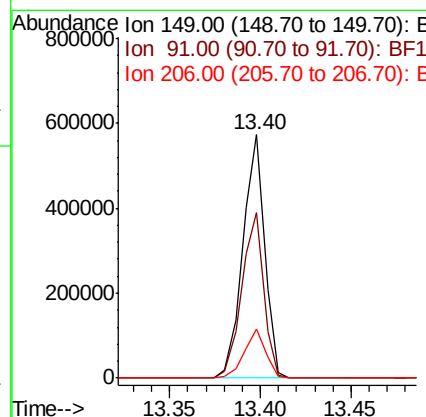
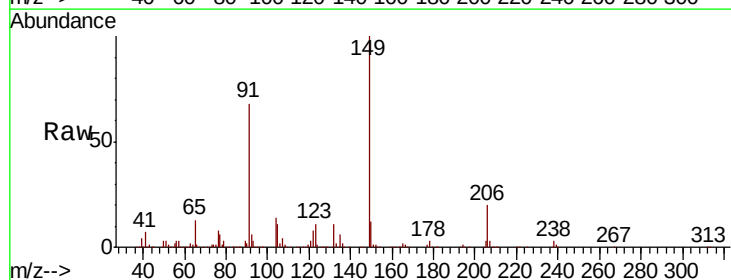
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.7	9.8	14.6

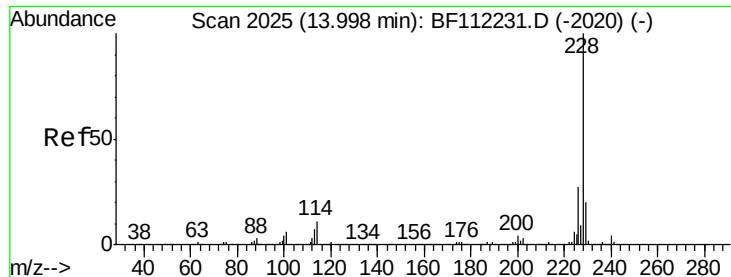


#80
 Butylbenzylphthalate
 Concen: 50.028 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion:149 Resp: 479808

Ion	Ratio	Lower	Upper
149	100		
91	67.8	50.3	75.5
206	20.1	18.2	27.4





#81

Benzo(a)anthracene

Concen: 49.928 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampled :

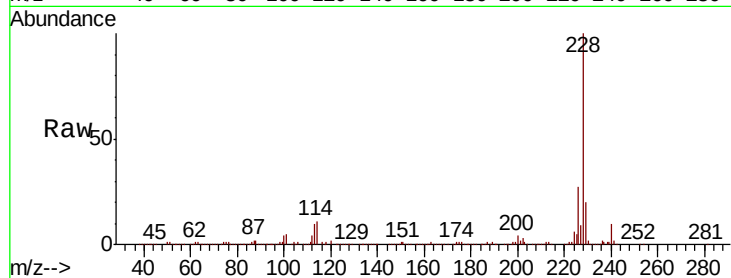
Tot Ion:228 Resp: 840364

Ion Ratio Lower Upper

228 100

226 27.1 22.6 34.0

229 19.8 16.5 24.7

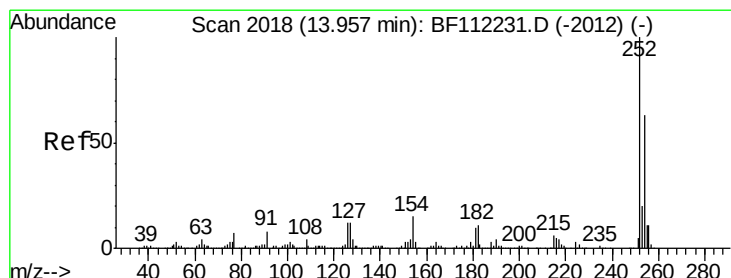
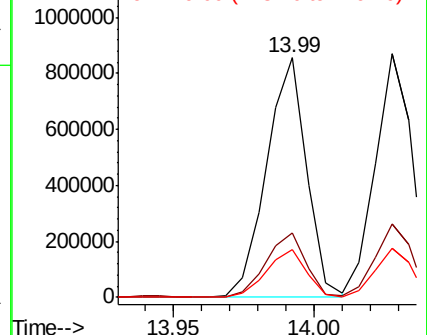
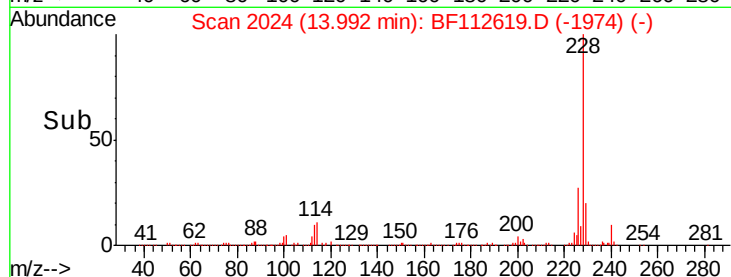


Abundance

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: 39.508 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

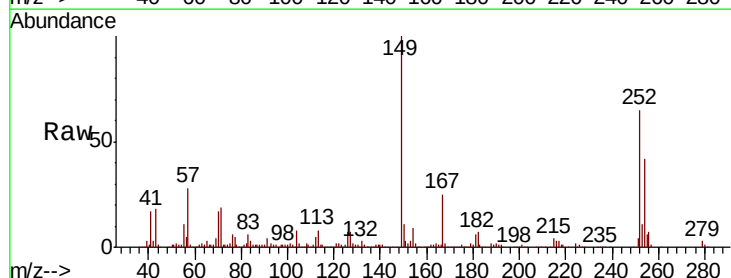
Tgt Ion:252 Resp: 248866

Ion Ratio Lower Upper

252 100

254 64.0 51.6 77.4

126 10.3 8.6 12.8

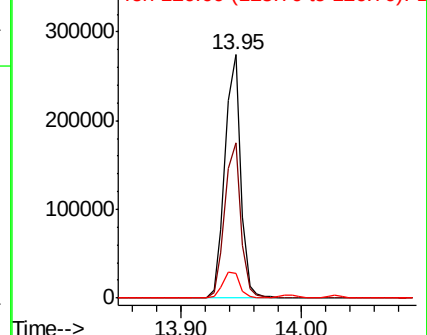
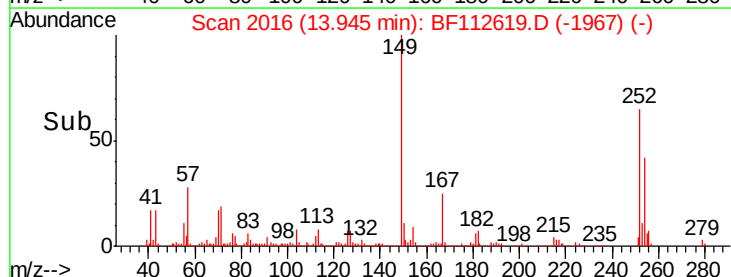


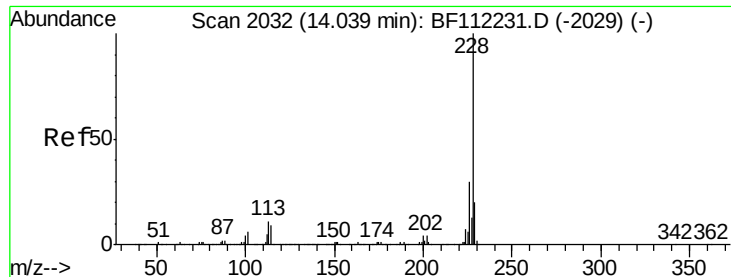
Abundance

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

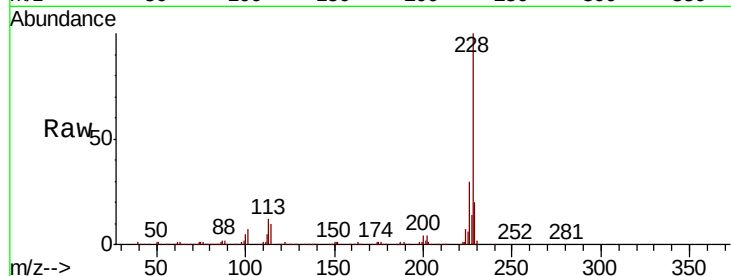




#83
 Chrysene
 Concen: 48.491 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.0	16.6	24.8

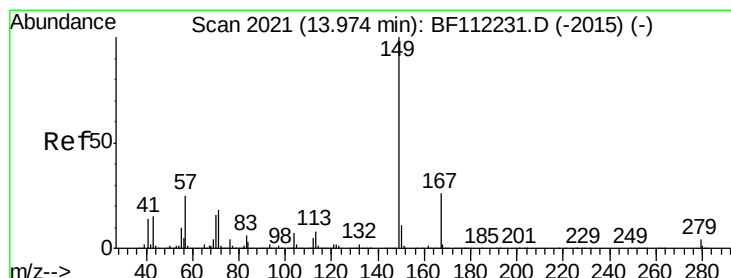
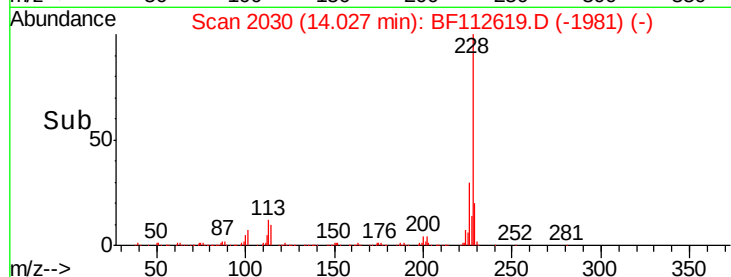
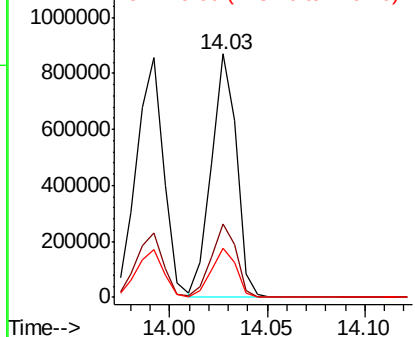


Abundance

Ion 228.00 (227.70 to 228.70): E

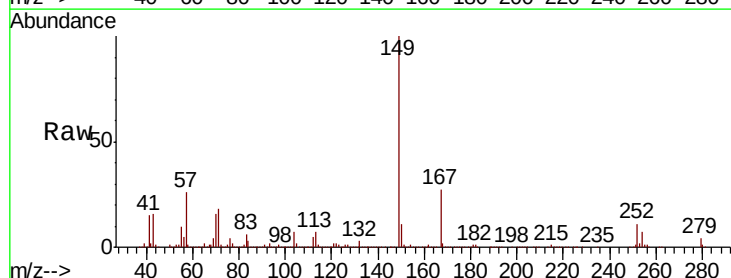
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.579 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.5	33.7
279	3.6	3.8	5.6#

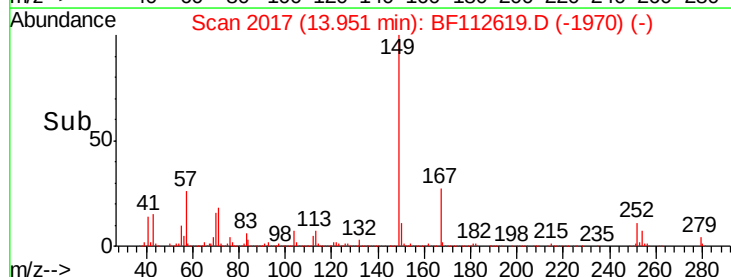
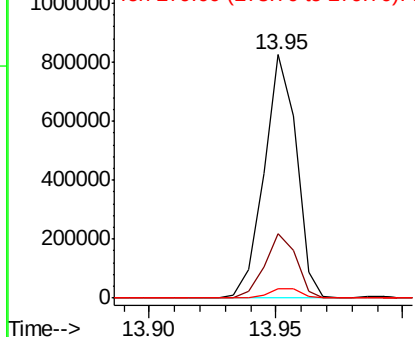


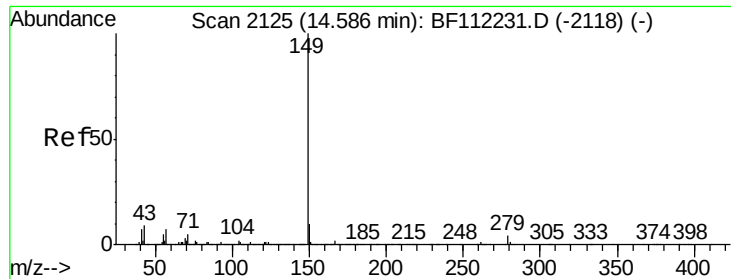
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.487 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

ClientSampleId :

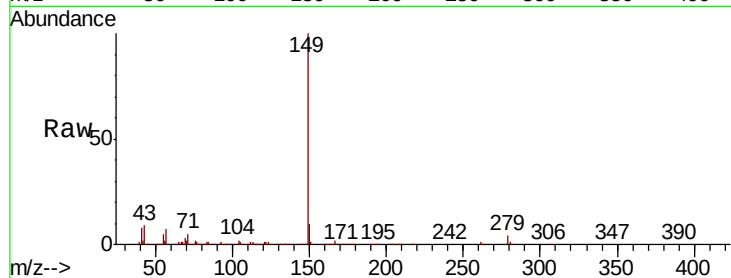
Tot Ion:149 Resp: 1162206

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

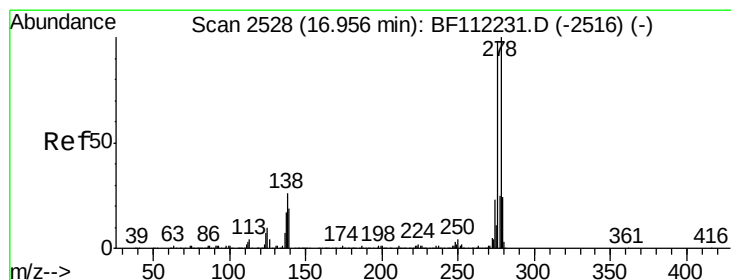
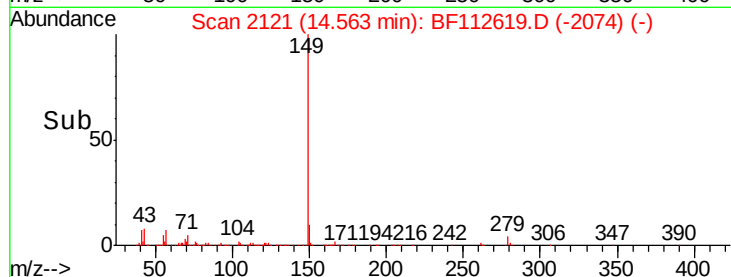
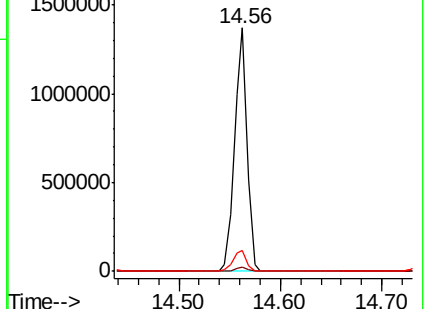
43 8.9 7.8 11.6



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: 64.777 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

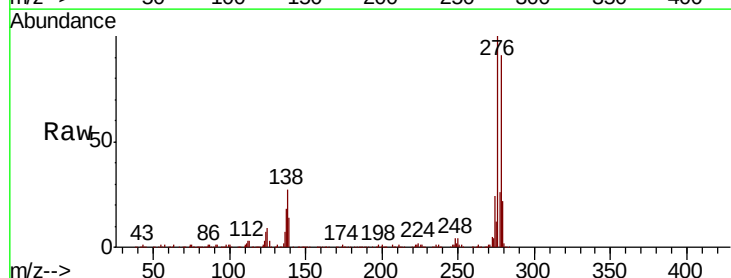
Tgt Ion:276 Resp: 824654

Ion Ratio Lower Upper

276 100

138 25.2 22.6 34.0

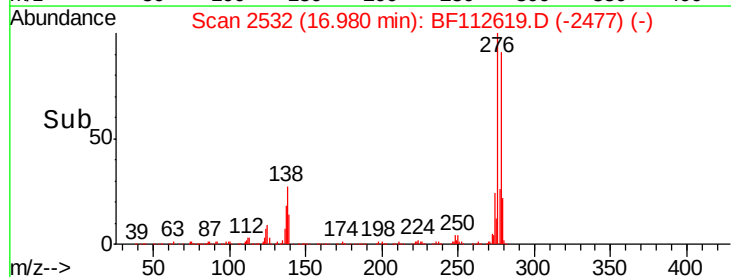
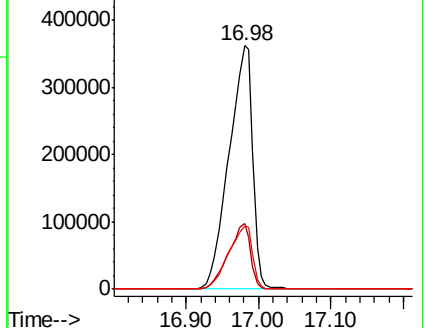
277 26.1 20.3 30.5

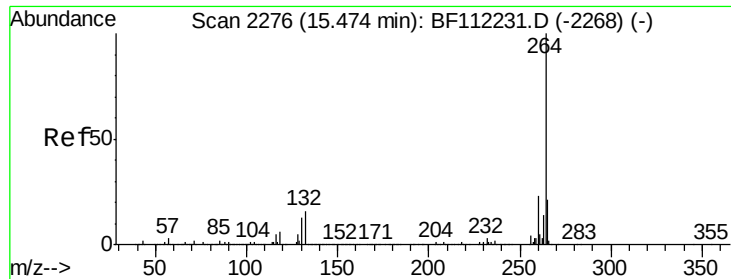


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



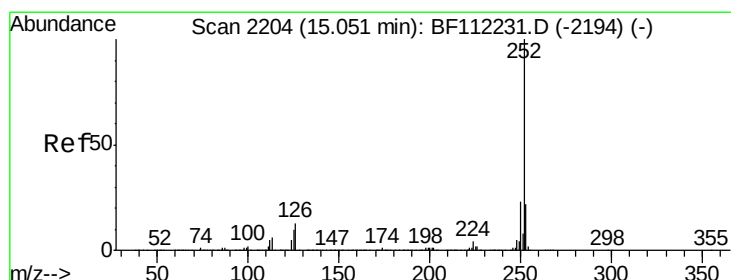
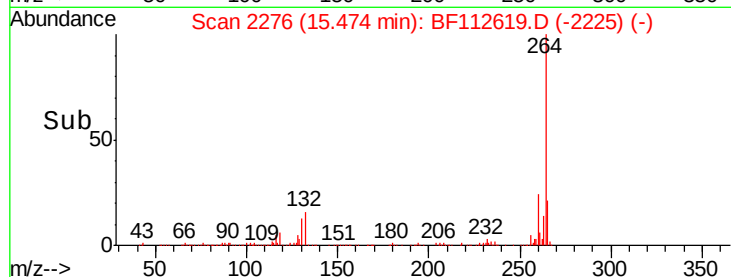
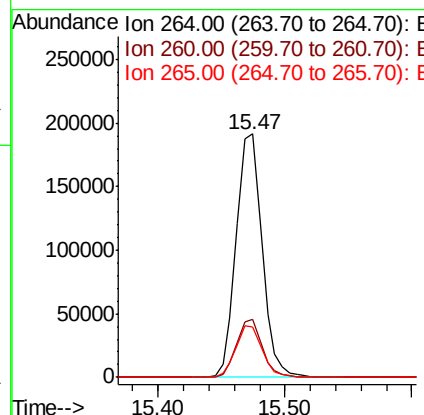
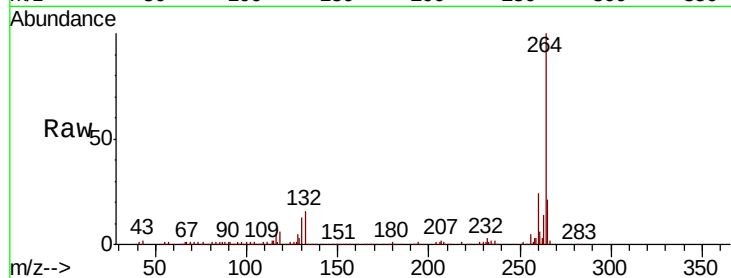


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 270623

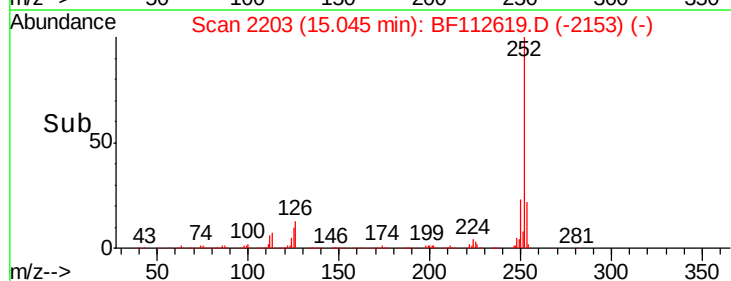
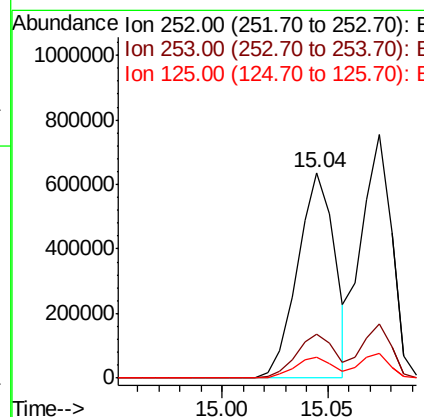
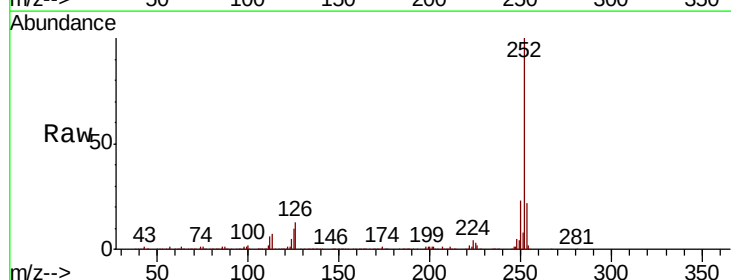
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	20.9	17.0	25.4

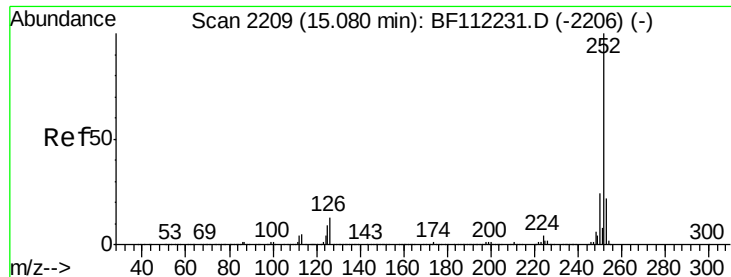


#88
Benzo(b)fluoranthene
Concen: 48.337 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:252 Resp: 782314

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	10.3	8.7	13.1

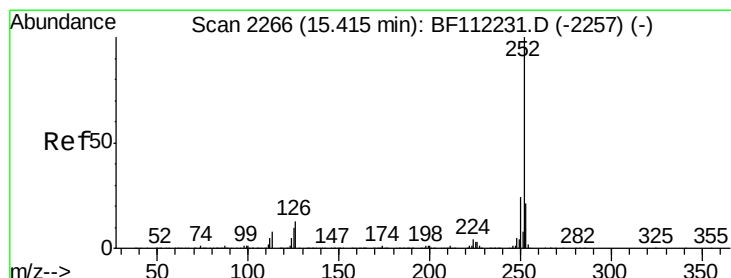
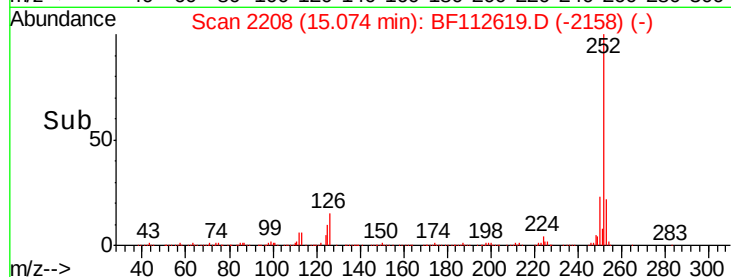
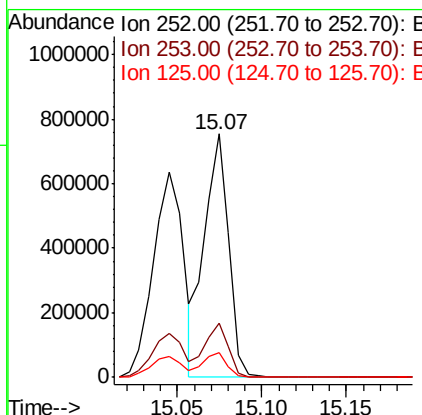
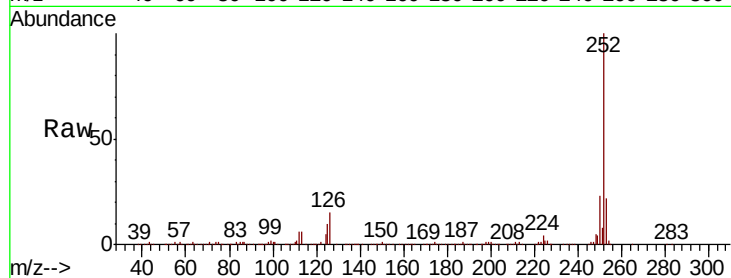




#89
Benzo(k)fluoranthene
Concen: 48.684 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

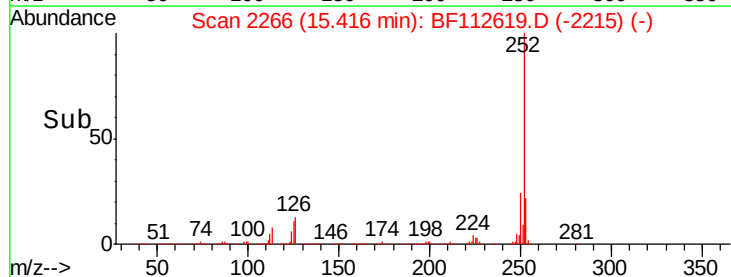
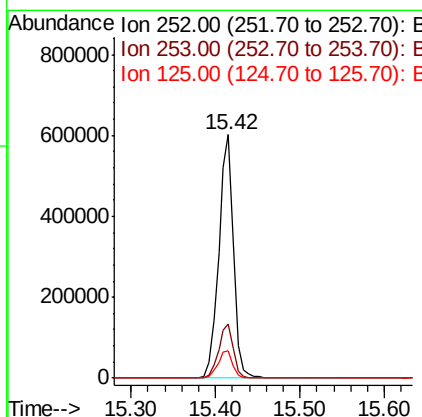
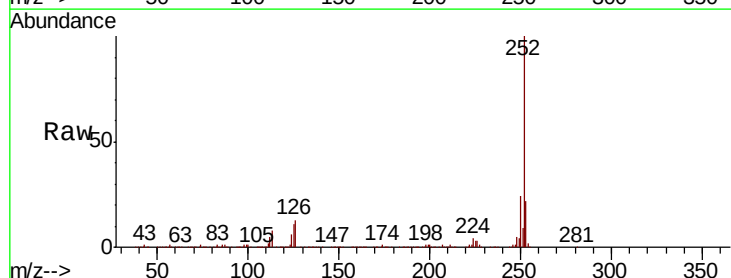
Instrument :
BNA_F
ClientSampleId :

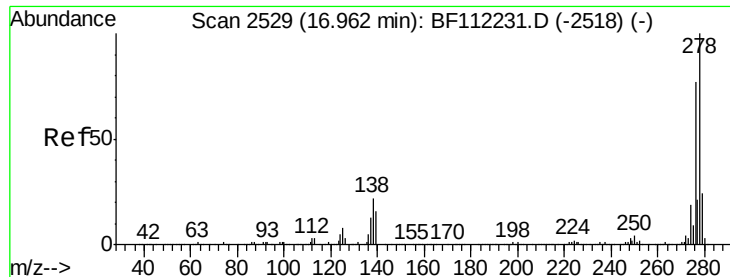
Tot Ion:252 Resp: 754723
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 50.646 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:252 Resp: 737543
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.0 9.0 13.4



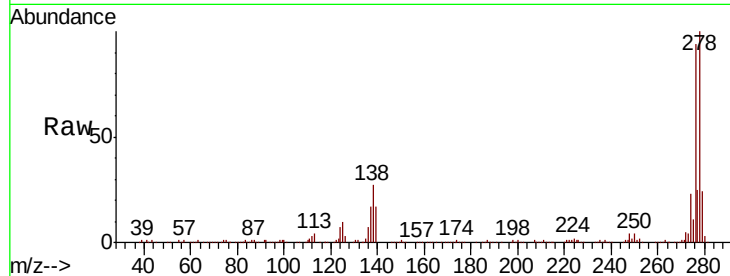


#91
Dibenzo(a,h)anthracene
Concen: 58.942 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

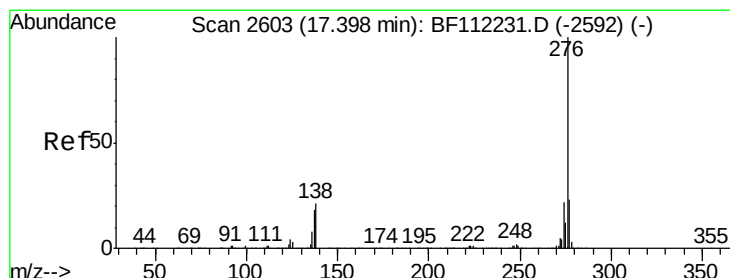
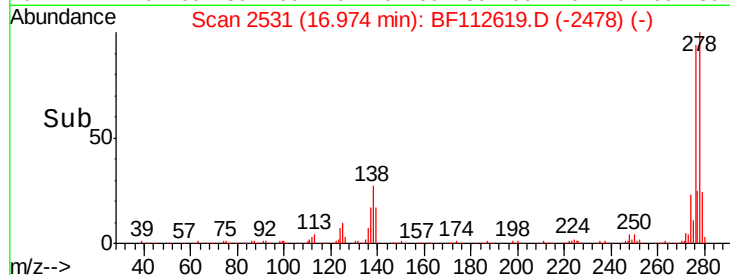
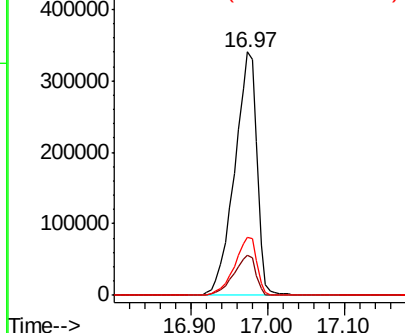
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 691788

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.7	20.5
279	24.1	19.0	28.6



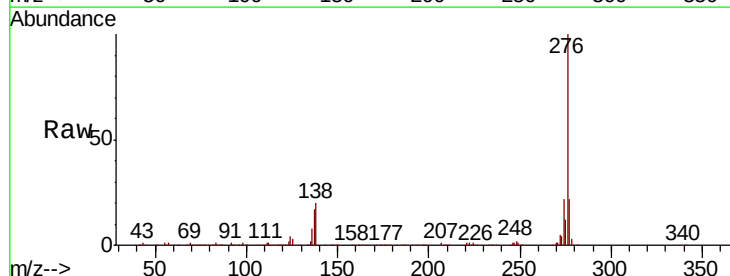
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 60.655 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:276 Resp: 671637

Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.4	29.0
138	20.2	19.1	28.7



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

