

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112528.D
 Acq On : 13 Feb 2019 10:10
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 13 11:10:35 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	6.84	152	134434	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	532778	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	262901	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	506761	20.00	ng	0.00
76) Chrysene-d12	14.02	240	365937	20.00	ng	0.01
87) Perylene-d12	15.50	264	273130	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	605903	95.73	ng	0.00
7) Phenol-d6	6.49	99	760329	86.45	ng	0.00
23) Nitrobenzene-d5	7.41	82	738288	79.85	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	252183	82.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1452060	78.12	ng	0.00
79) Terphenyl-d14	12.95	244	1614824	83.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	115475	45.801	ng	95
3) Pyridine	3.35	79	297379	46.368	ng	98
4) n-Nitrosodimethylamine	3.31	42	132246	49.080	ng	# 91
6) Aniline	6.50	93	454740	43.467	ng	# 70
8) 2-Chlorophenol	6.63	128	359843	42.264	ng	98
9) Benzaldehyde	6.39	77	188806	41.074	ng	97
10) Phenol	6.50	94	413479	42.854	ng	83
11) bis(2-Chloroethyl)ether	6.57	93	314968	41.464	ng	99
12) 1,3-Dichlorobenzene	6.78	146	402983	40.641	ng	99
13) 1,4-Dichlorobenzene	6.86	146	407661	39.947	ng	98
14) 1,2-Dichlorobenzene	7.01	146	383276	40.115	ng	97
15) Benzyl Alcohol	6.99	79	301436	40.660	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	383657	39.336	ng	# 20
17) 2-Methylphenol	7.11	107	274189	40.624	ng	# 87
18) Hexachloroethane	7.35	117	145309	40.549	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	247639	40.836	ng	100
20) 3+4-Methylphenols	7.26	107	365983	42.404	ng	# 67
22) Acetophenone	7.25	105	516159	39.787	ng	95
24) Nitrobenzene	7.43	77	364763	39.500	ng	97
25) Isophorone	7.66	82	577442	39.808	ng	98
26) 2-Nitrophenol	7.75	139	203286	41.192	ng	96
27) 2,4-Dimethylphenol	7.79	122	270926	39.846	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	390874	39.574	ng	98
29) 2,4-Dichlorophenol	7.99	162	311059	40.881	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	343961	39.327	ng	99
31) Naphthalene	8.15	128	988313	39.667	ng	99
32) Benzoic acid	7.94	122	151423	39.042	ng	96
33) 4-Chloroaniline	8.20	127	430890	39.719	ng	99
34) Hexachlorobutadiene	8.26	225	204525	39.849	ng	98
35) Caprolactam	8.59	113	107045	39.879	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	323582	40.172	ng	95
37) 2-Methylnaphthalene	8.83	142	667499	39.135	ng	97
38) 1-Methylnaphthalene	8.93	142	642310	39.289	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	337737	39.126	ng	99

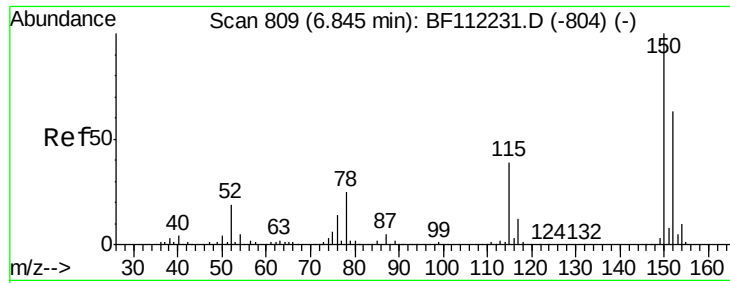
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	93640	34.727	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	210789	39.616	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	213917	38.468	ng	95
46) 1,1'-Biphenyl	9.30	154	905284	39.388	ng	99
47) 2-Chloronaphthalene	9.33	162	699460	39.244	ng	96
48) 2-Nitroaniline	9.43	65	200630	41.300	ng	89
49) Acenaphthylene	9.75	152	1025547	39.258	ng	98
50) Dimethylphthalate	9.60	163	789651	38.659	ng	99
51) 2,6-Dinitrotoluene	9.67	165	183971	40.215	ng #	75
52) Acenaphthene	9.92	154	618635	39.642	ng	99
53) 3-Nitroaniline	9.85	138	197752	39.901	ng	92
54) 2,4-Dinitrophenol	9.97	184	57531	39.187	ng	95
55) Dibenzofuran	10.09	168	927206	38.880	ng	93
56) 4-Nitrophenol	10.03	139	107475	41.017	ng	95
57) 2,4-Dinitrotoluene	10.09	165	229691	39.440	ng #	73
58) Fluorene	10.43	166	722947	40.511	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	169908	40.431	ng	95
60) Diethylphthalate	10.30	149	808494	39.885	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	382741	39.427	ng	92
62) 4-Nitroaniline	10.46	138	188806	38.839	ng	93
63) Azobenzene	10.58	77	726478	40.750	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	102277	35.998	ng	96
66) n-Nitrosodiphenylamine	10.54	169	679661	39.794	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	235815	39.565	ng	93
68) Hexachlorobenzene	10.99	284	258615	40.443	ng	96
69) Atrazine	11.06	200	186889	33.912	ng	97
70) Pentachlorophenol	11.19	266	85222	34.251	ng	96
71) Phenanthrene	11.40	178	1029825	39.089	ng	98
72) Anthracene	11.45	178	1054907	40.197	ng	99
73) Carbazole	11.60	167	1032639	39.890	ng	99
74) Di-n-butylphthalate	11.92	149	1239278	38.568	ng	99
75) Fluoranthene	12.59	202	1047456	37.068	ng	99
77) Benzidine	12.70	184	434661	43.156	ng	97
78) Pyrene	12.82	202	1080828	42.661	ng	98
80) Butylbenzylphthalate	13.42	149	492485	40.178	ng	93
81) Benzo(a)anthracene	14.01	228	852144	39.613	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	316289	39.287	ng	99
83) Chrysene	14.04	228	812547	39.571	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	645762	37.114	ng	98
85) Di-n-octyl phthalate	14.58	149	954788	35.666	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	556440	34.199	ng	97
88) Benzo(b)fluoranthene	15.09	252	618218	37.847	ng	99
89) Benzo(k)fluoranthene	15.09	252	618218	39.513	ng	99
90) Benzo(a)pyrene	15.44	252	588359	40.031	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	464218	39.190	ng	99
92) Benzo(g,h,i)perylene	17.45	276	450618	40.322	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

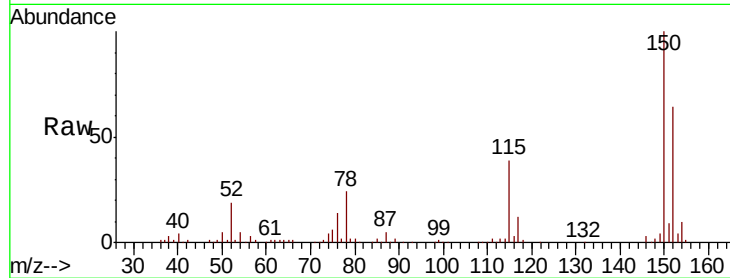
Tot Ion:152 Resp: 134434

Ion Ratio Lower Upper

152 100

150 156.6 127.4 191.0

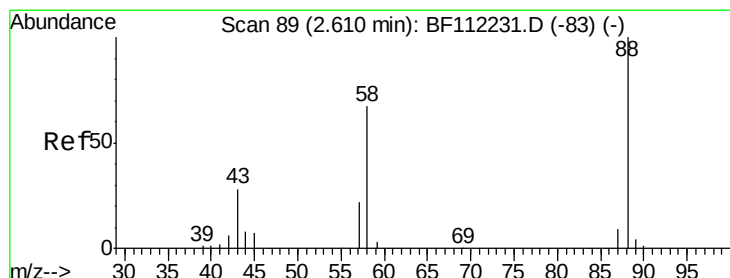
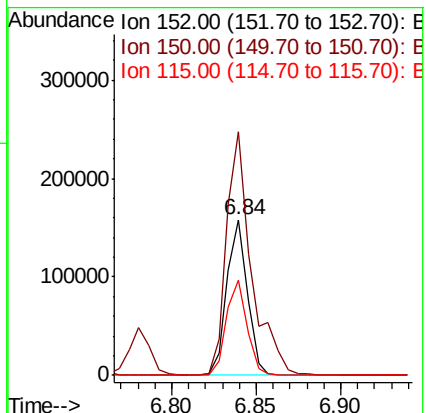
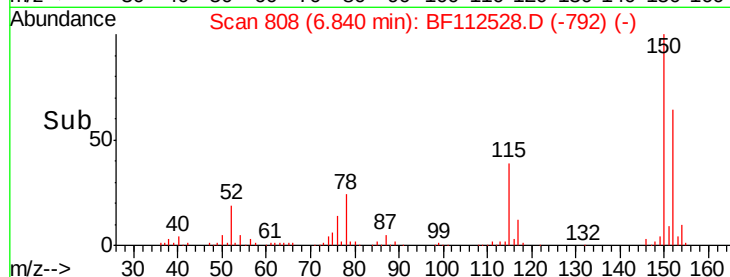
115 61.0 45.5 68.3



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: 45.801 ng

RT: 2.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

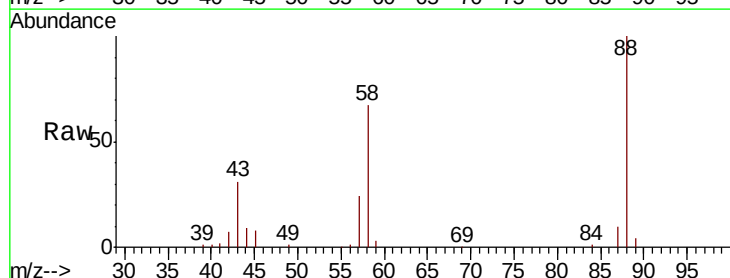
Tgt Ion: 88 Resp: 115475

Ion Ratio Lower Upper

88 100

58 68.1 57.4 86.2

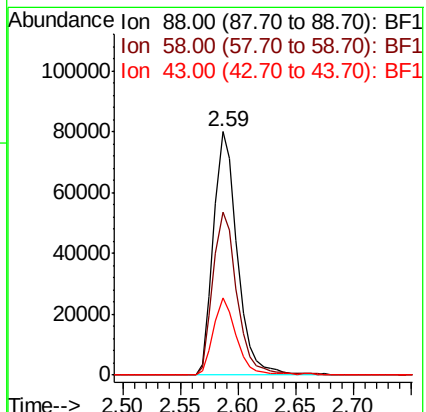
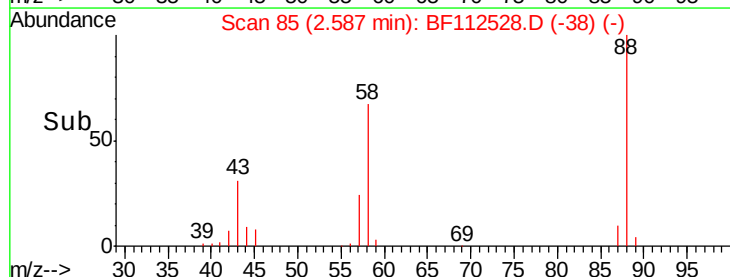
43 30.4 22.2 33.4

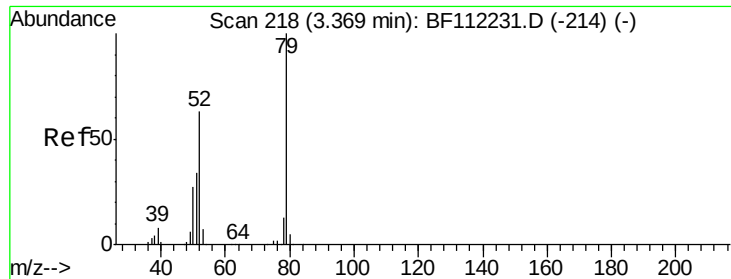


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 46.368 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.02 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

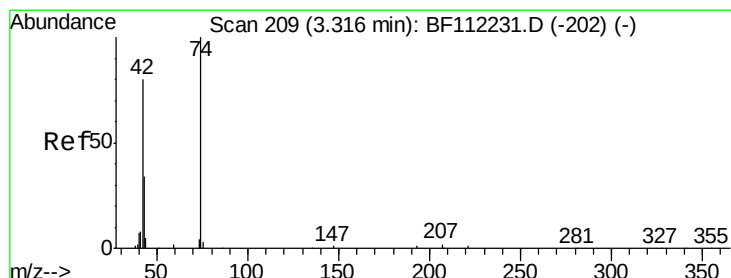
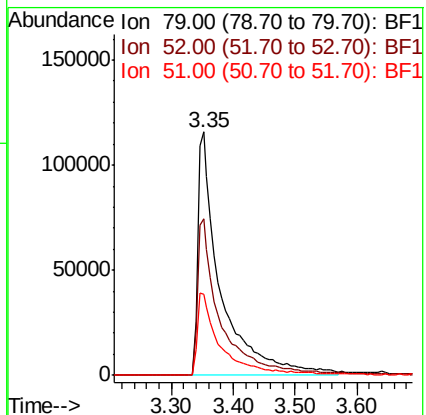
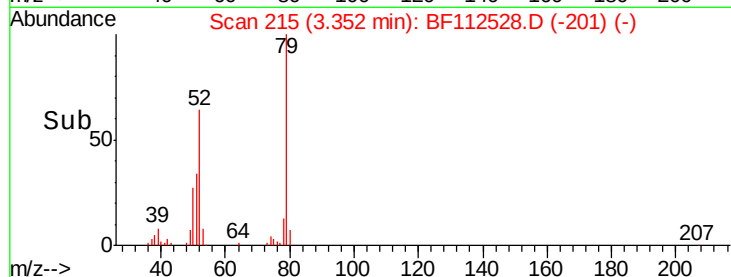
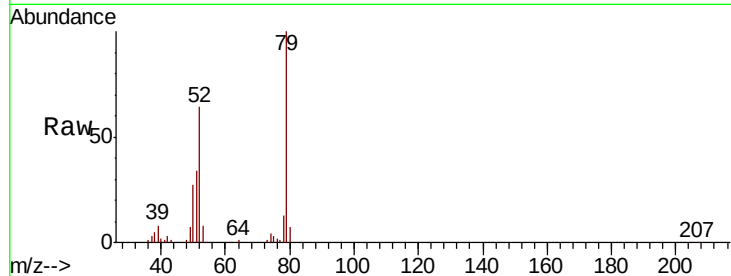
Tot Ion: 79 Resp: 297379

Ion Ratio Lower Upper

79 100

52 64.1 52.4 78.6

51 33.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 49.080 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

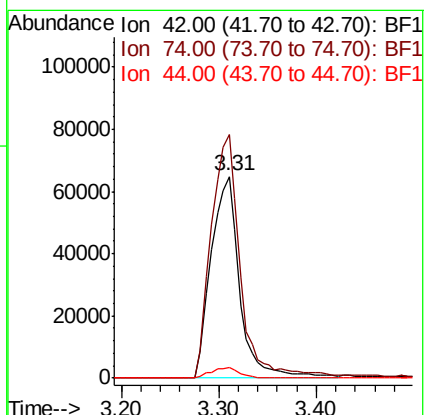
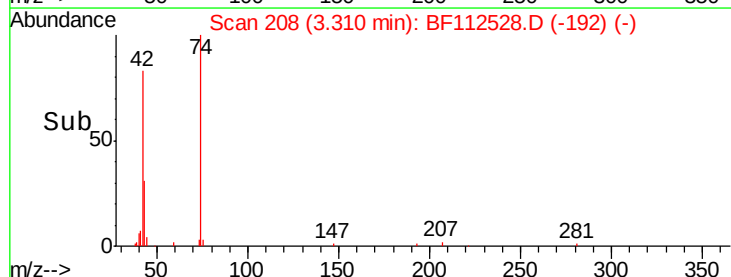
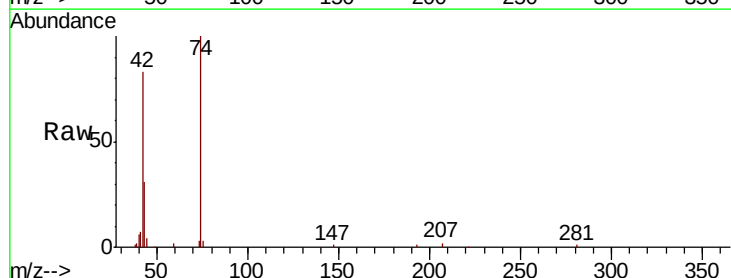
Tgt Ion: 42 Resp: 132246

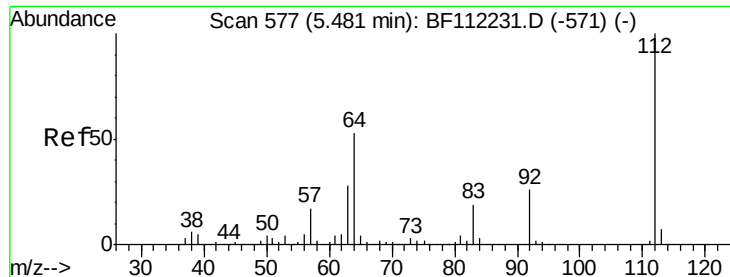
Ion Ratio Lower Upper

42 100

74 120.7 105.6 158.4

44 5.1 5.4 8.2#





#5

2-Fluorophenol

Concen: 95.733 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

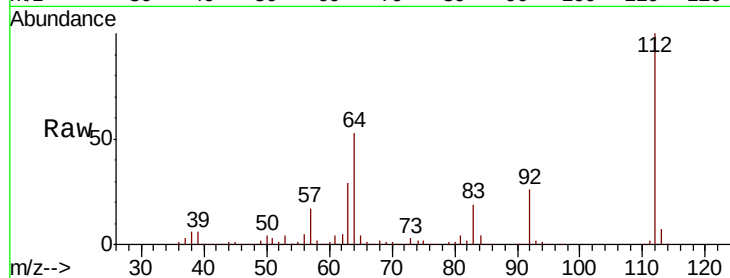
Tot Ion: 112 Resp: 605903

Ion Ratio Lower Upper

112 100

64 52.6 45.7 68.5

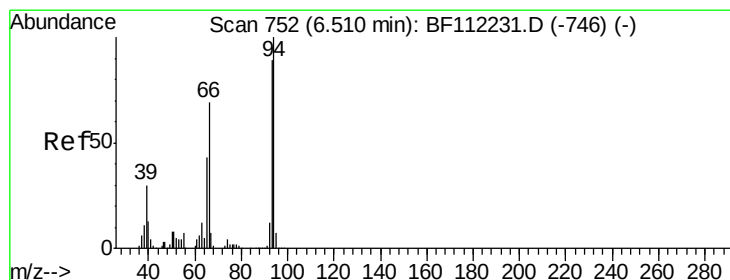
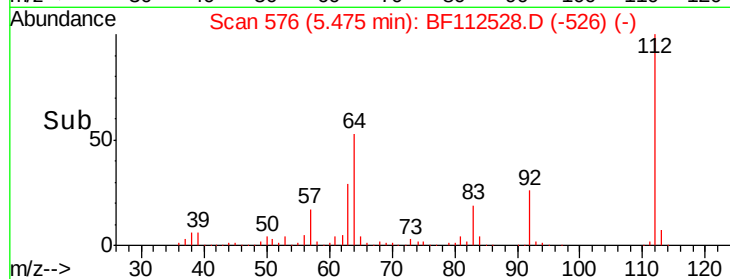
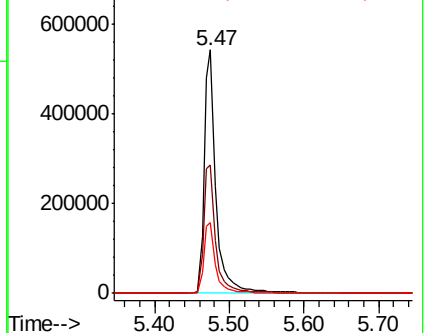
63 28.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.467 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

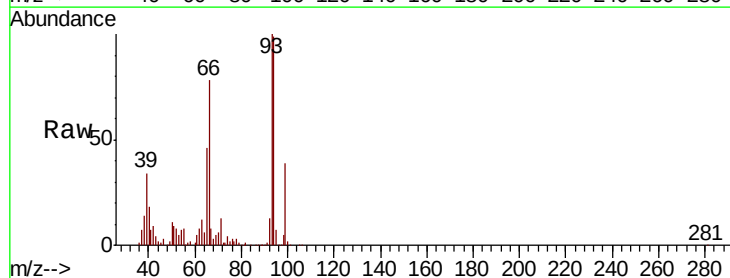
Tgt Ion: 93 Resp: 454740

Ion Ratio Lower Upper

93 100

66 77.7 43.4 65.2#

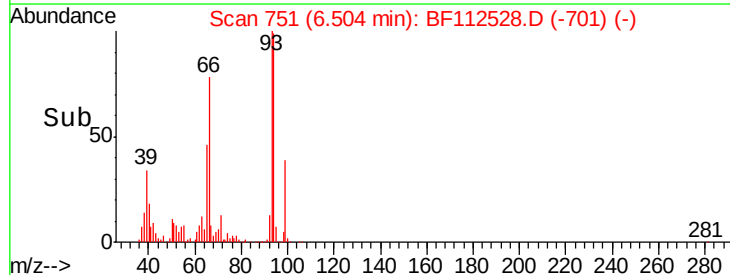
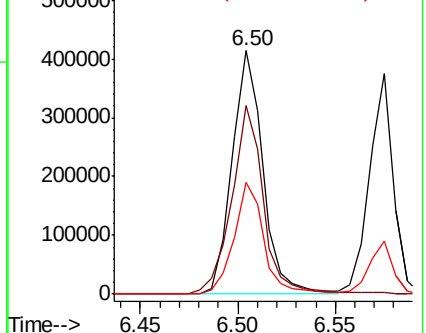
65 46.1 25.3 37.9#

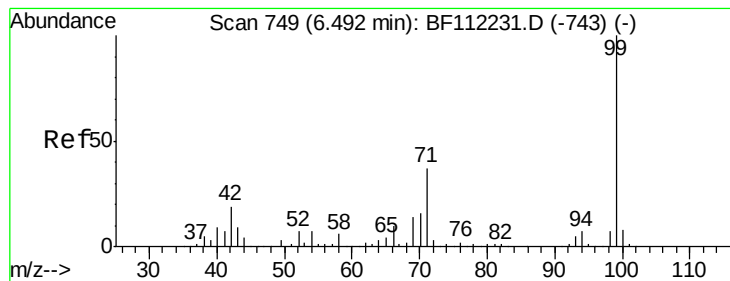


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.454 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

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ClientSampleId :

SSTDCCC040

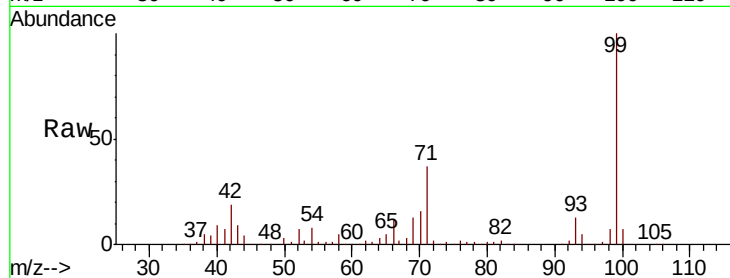
Tot Ion: 99 Resp: 760329

Ion Ratio Lower Upper

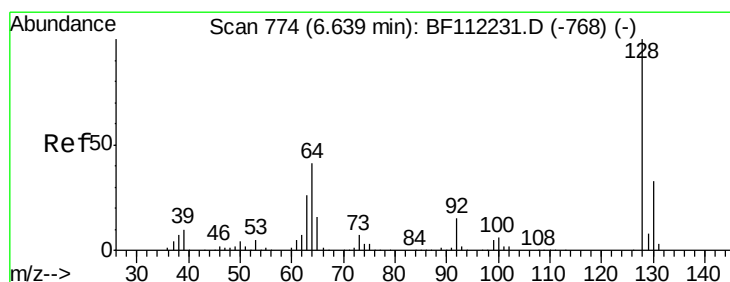
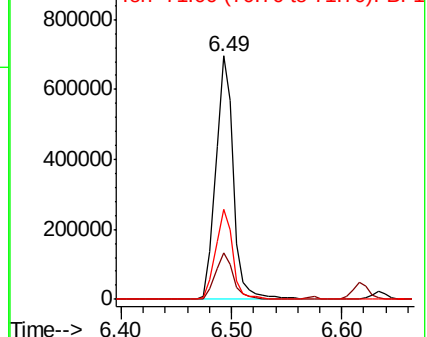
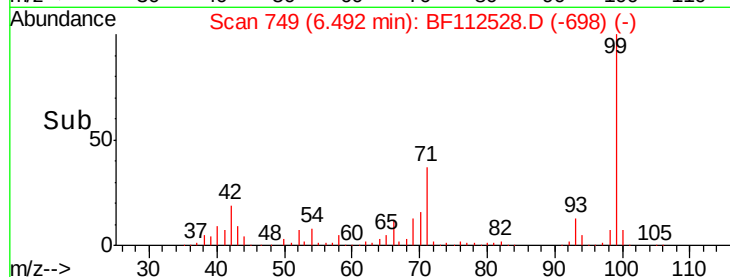
99 100

42 19.3 15.1 22.7

71 37.1 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: 42.264 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

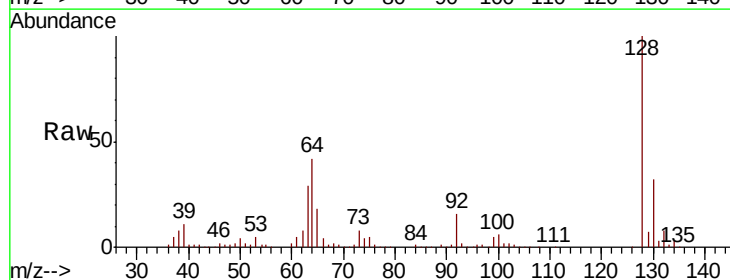
Tgt Ion: 128 Resp: 359843

Ion Ratio Lower Upper

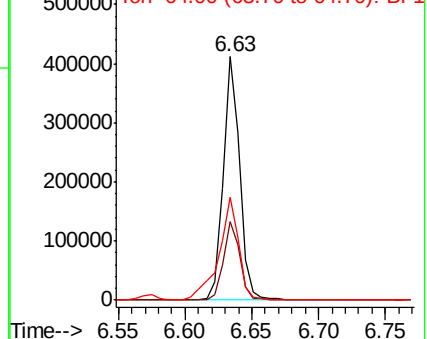
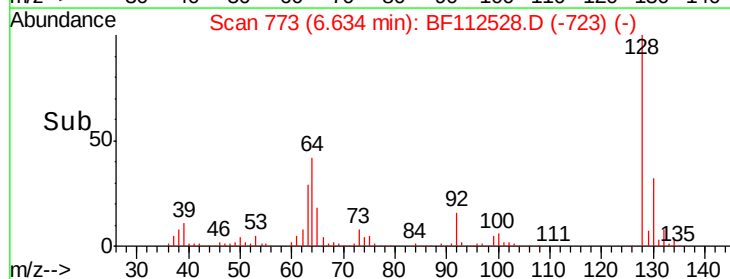
128 100

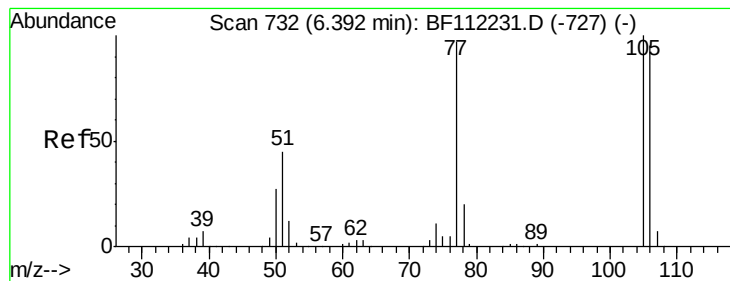
130 32.4 13.4 53.4

64 42.5 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: 41.074 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

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SSTDCCC040

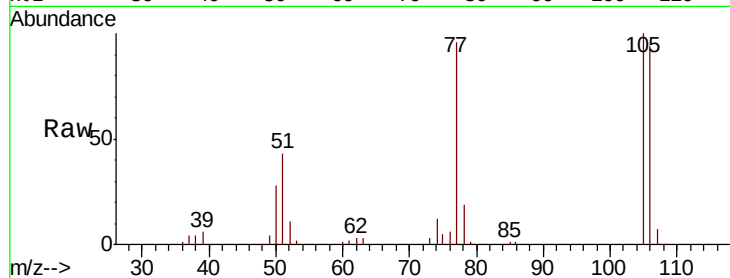
Tot Ion: 77 Resp: 188806

Ion Ratio Lower Upper

77 100

105 104.6 80.8 120.8

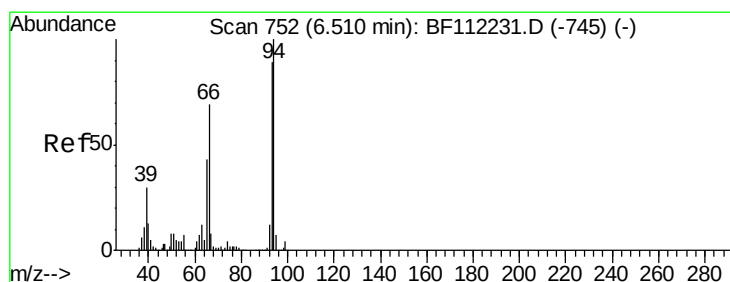
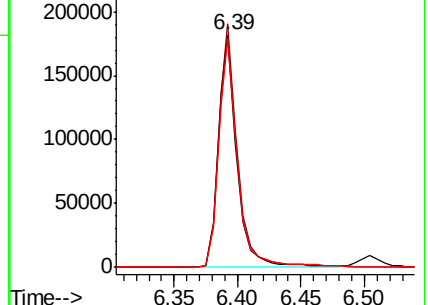
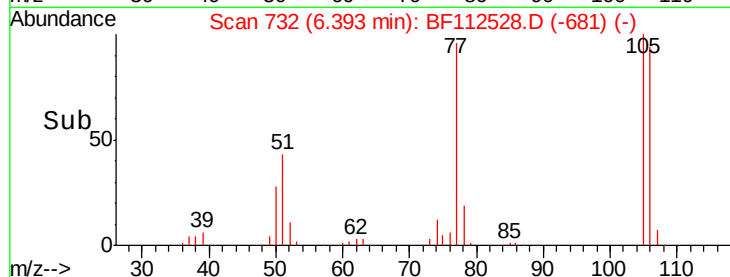
106 98.0 75.7 115.7



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: 42.854 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

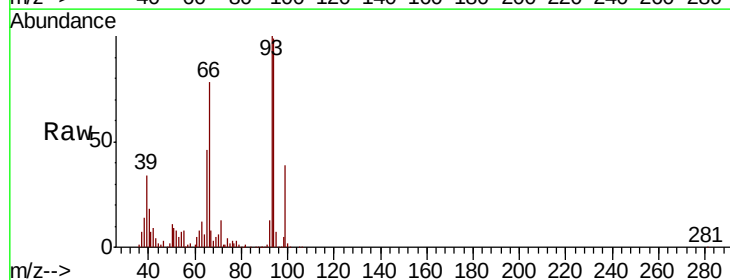
Tgt Ion: 94 Resp: 413479

Ion Ratio Lower Upper

94 100

65 46.6 20.3 60.3

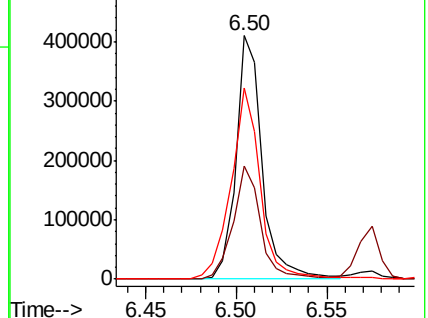
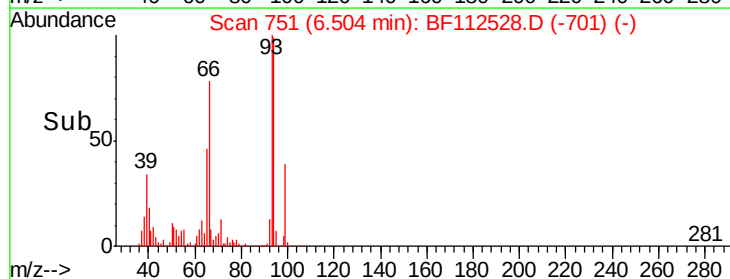
66 78.4 42.4 82.4

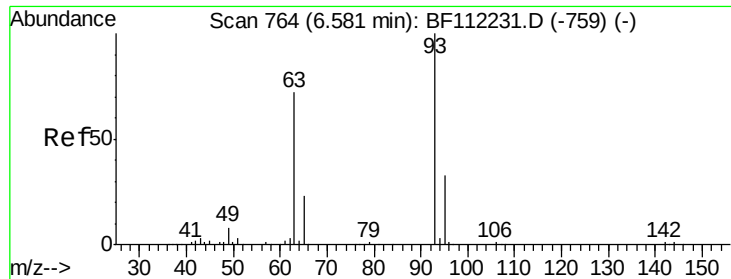


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



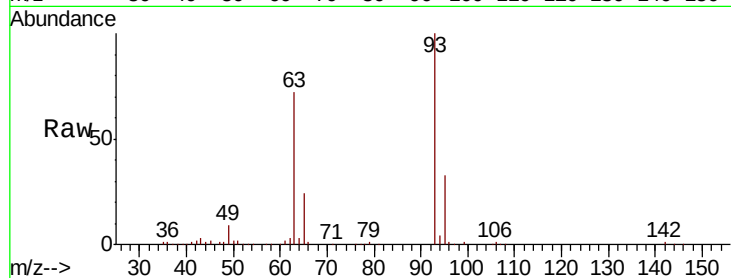


#11
 bis(2-Chloroethyl)ether
 Concen: 41.464 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

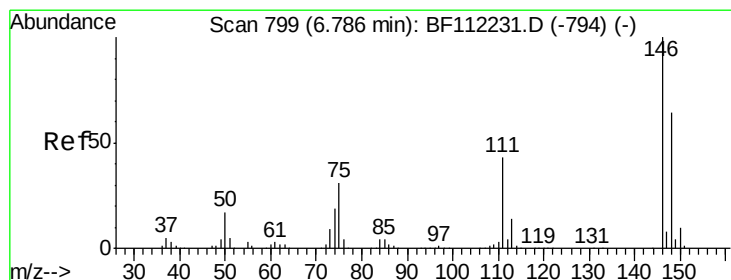
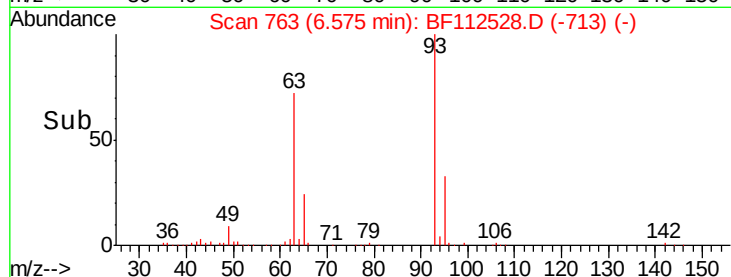
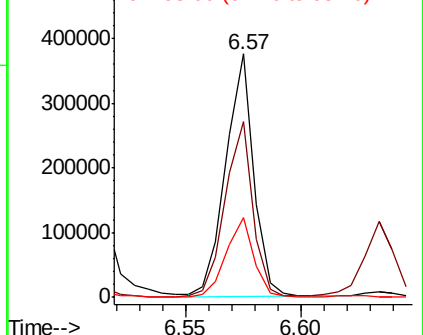
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 93 Resp: 314968

Ion	Ratio	Lower	Upper
93	100		
63	72.1	53.3	93.3
95	32.7	13.4	53.4



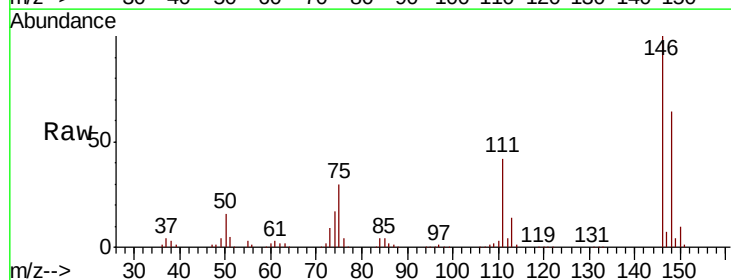
Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1



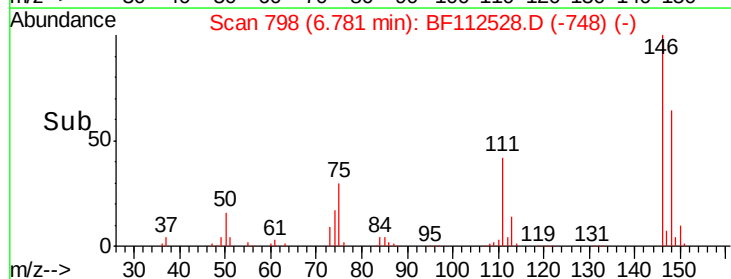
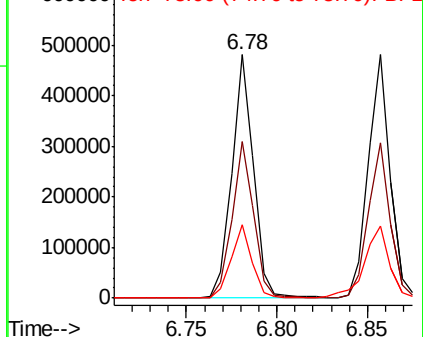
#12
 1,3-Dichlorobenzene
 Concen: 40.641 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

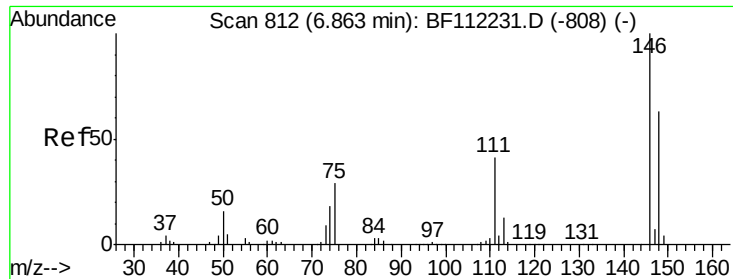
Tgt Ion: 146 Resp: 402983

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	30.1	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

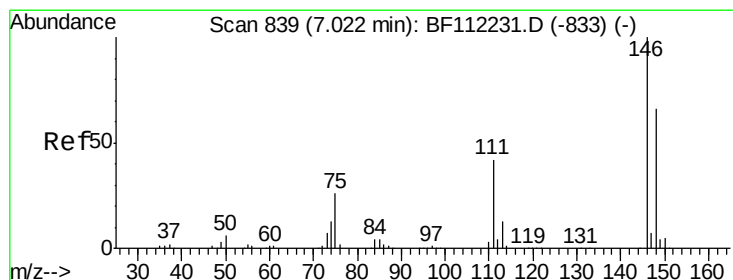
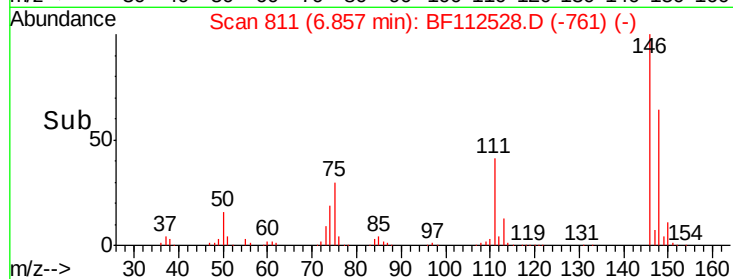
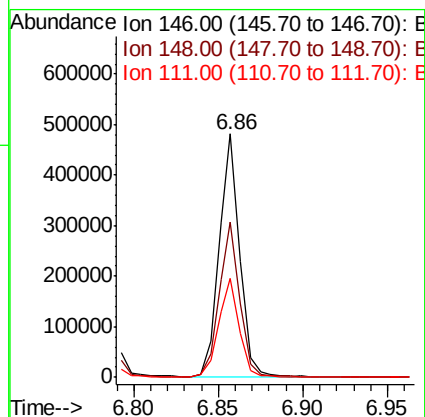
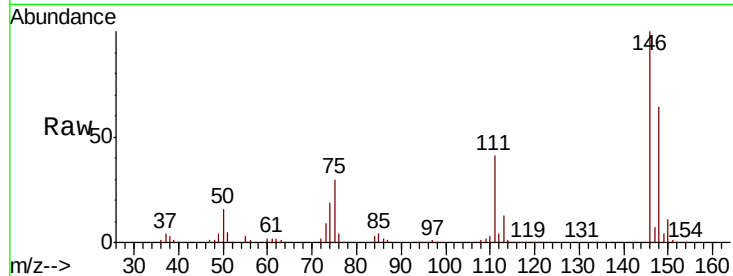




#13
 1,4-Dichlorobenzene
 Concen: 39.947 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

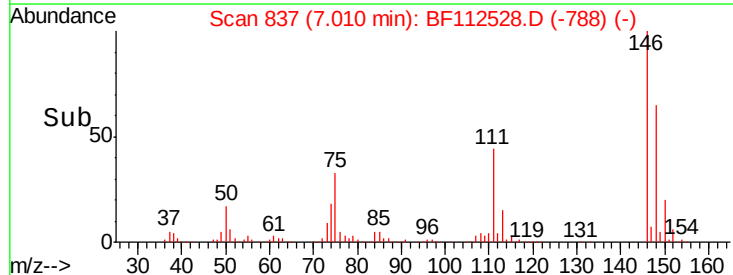
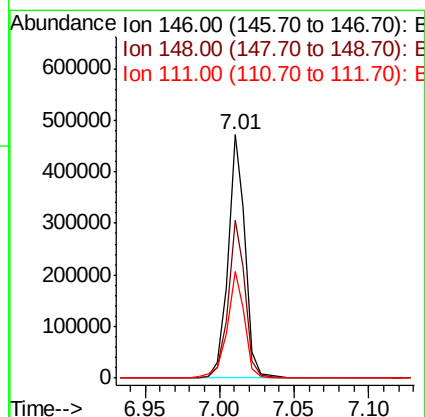
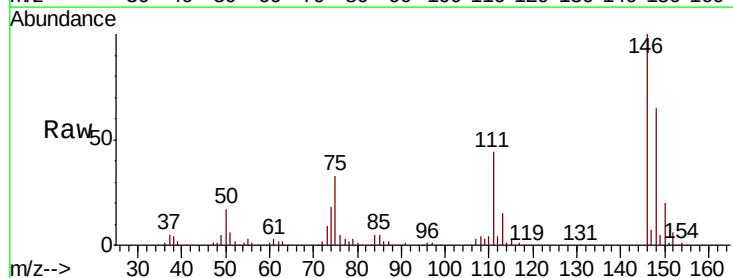
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

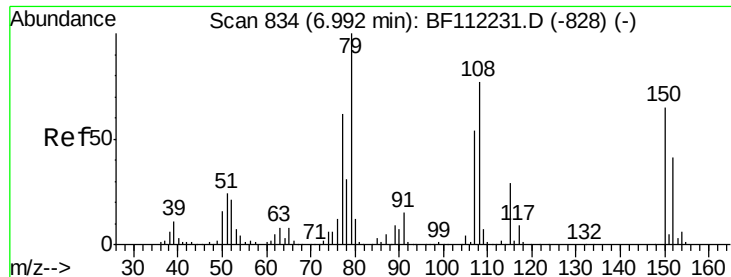
Tot Ion:146 Resp: 407661
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.0 78.0
 111 40.9 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.115 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

Tgt Ion:146 Resp: 383276
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 44.0 31.2 46.8

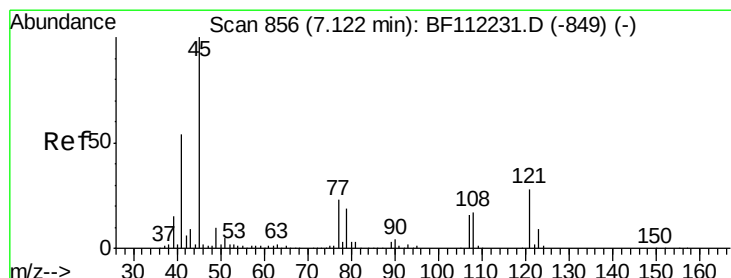
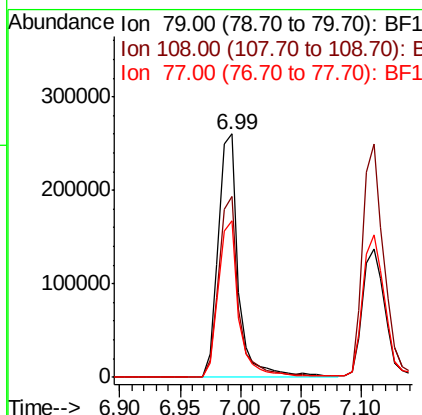
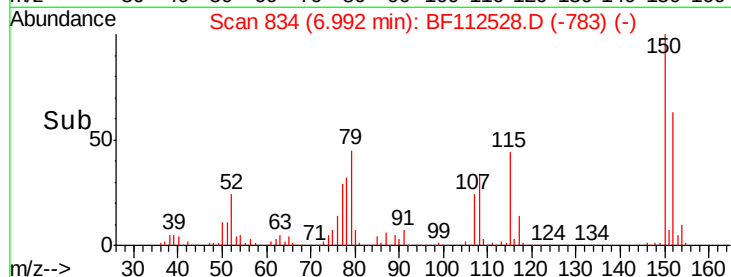
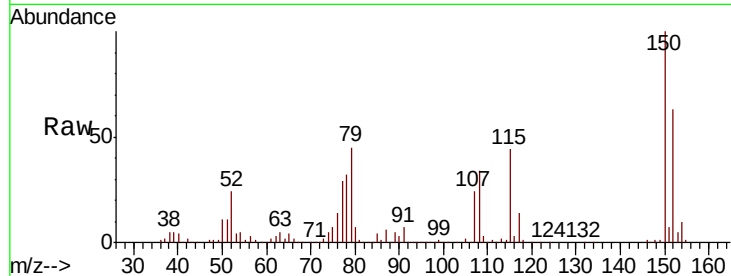




#15
Benzyl Alcohol
Concen: 40.660 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

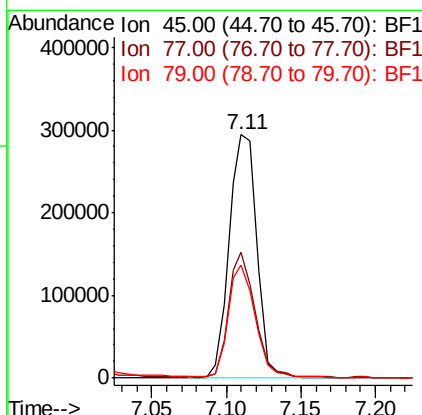
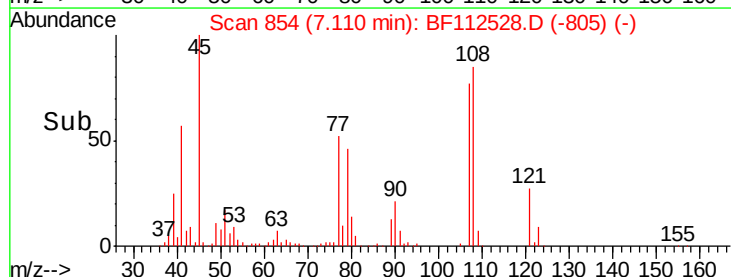
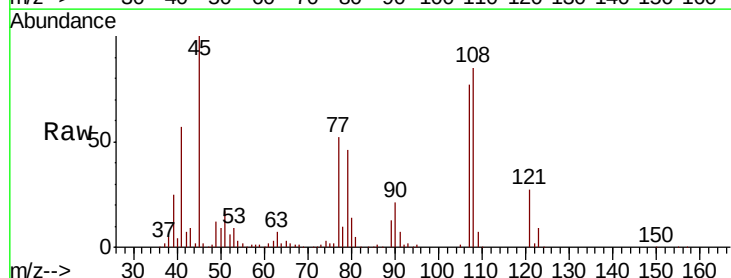
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

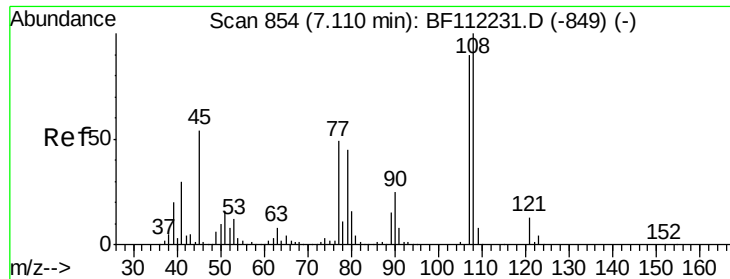
Tot Ion: 79 Resp: 301436
Ion Ratio Lower Upper
79 100
108 74.4 64.2 96.2
77 64.1 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.336 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion: 45 Resp: 383657
Ion Ratio Lower Upper
45 100
77 51.7 0.0 36.9#
79 46.5 0.0 34.0#

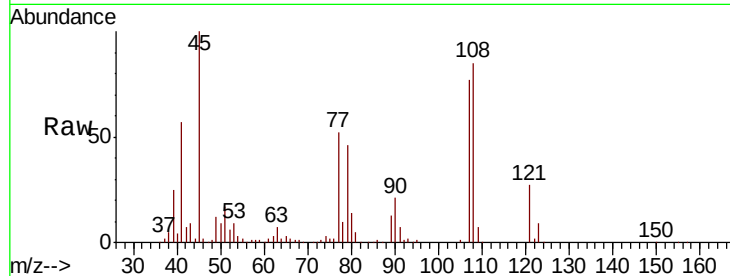




#17
2-Methylphenol
Concen: 40.624 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	91.3	136.9
77	66.7	39.0	58.6
79	60.0	37.0	55.4



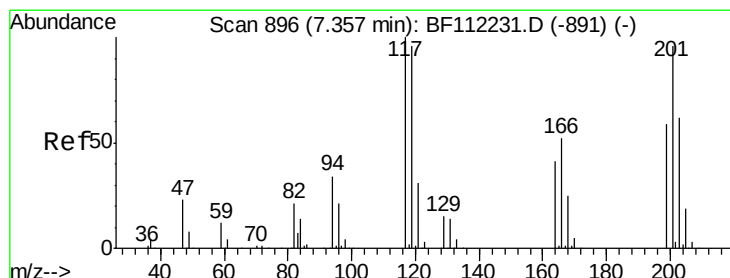
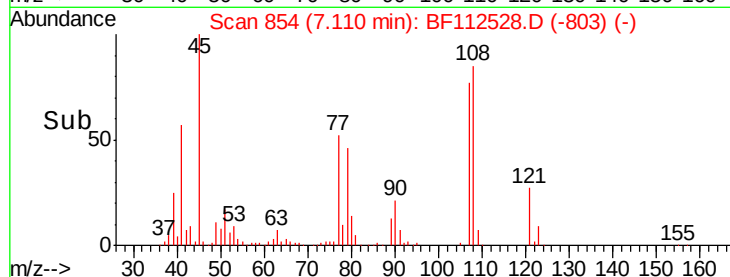
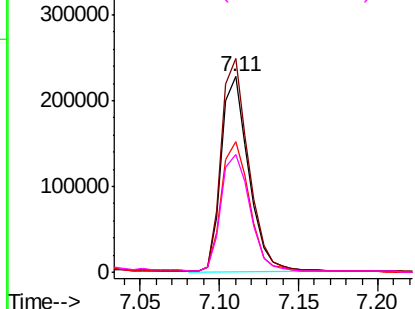
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

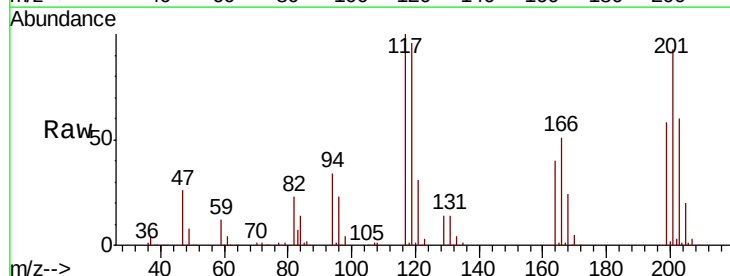
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.549 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.4
201	93.0	74.1	111.1

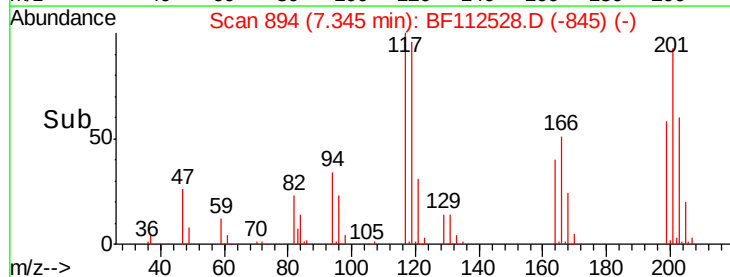
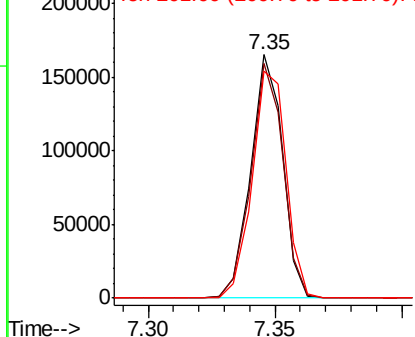


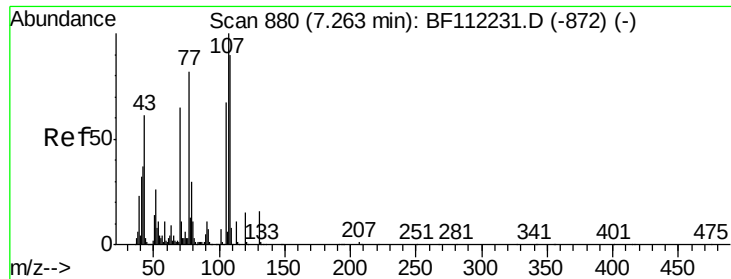
Abundance

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

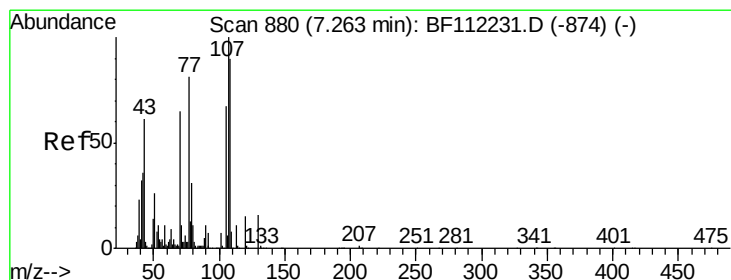
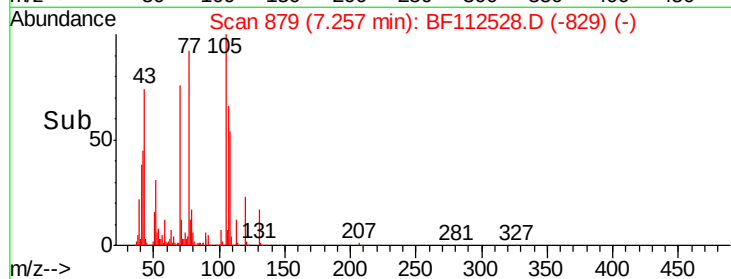
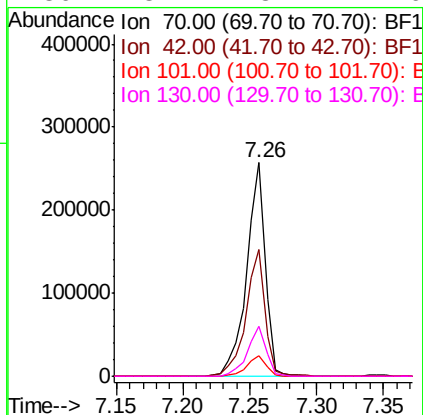
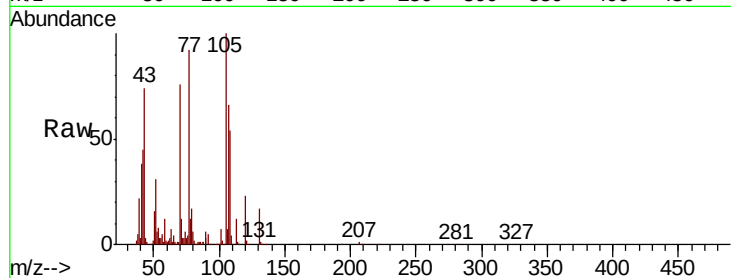




#19
n-Nitroso-di-n-propylamine
Concen: 40.836 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

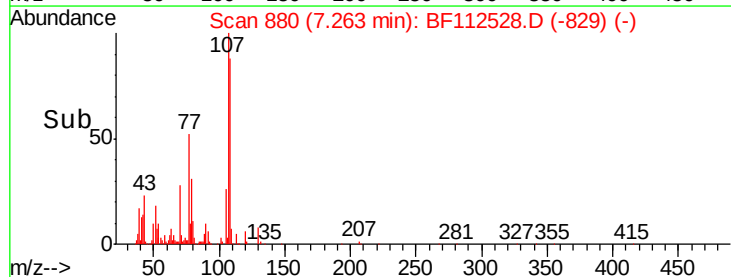
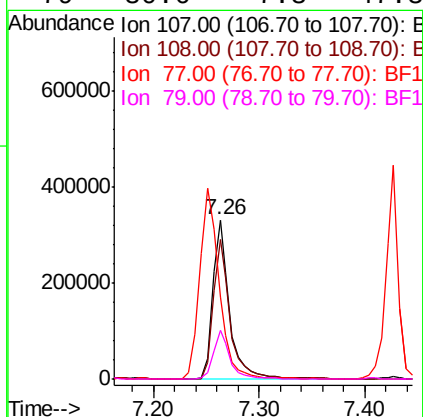
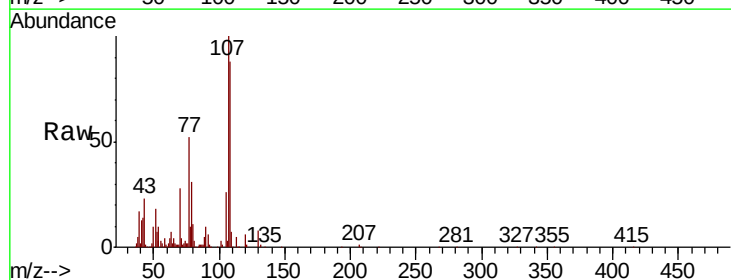
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

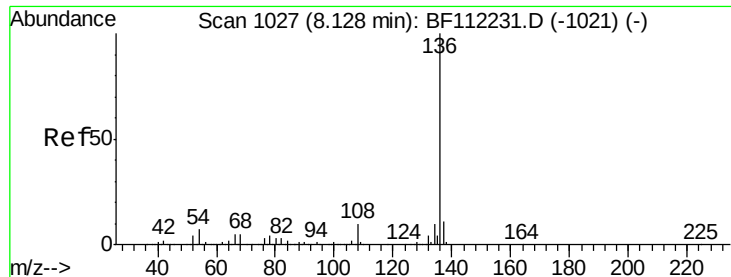
Tot Ion:	70	Resp:	247639
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.6	71.4
101	9.8	7.9	11.9
130	23.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 42.404 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:	107	Resp:	365983
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	51.9	100.7	140.7#
79	30.6	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 532778

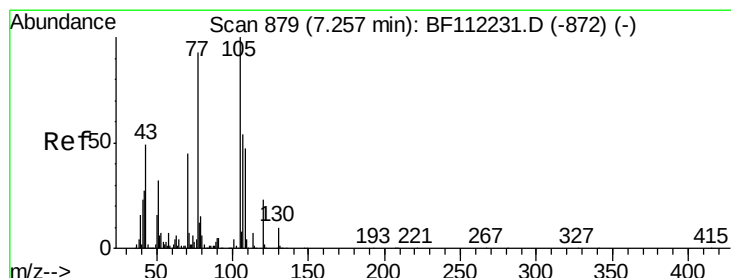
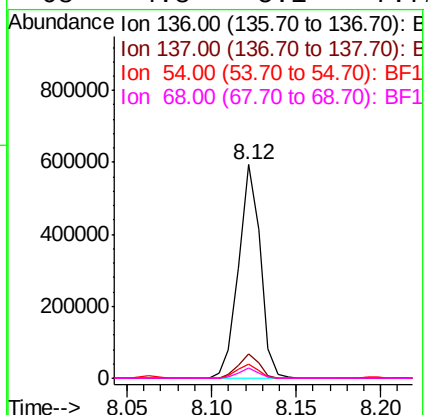
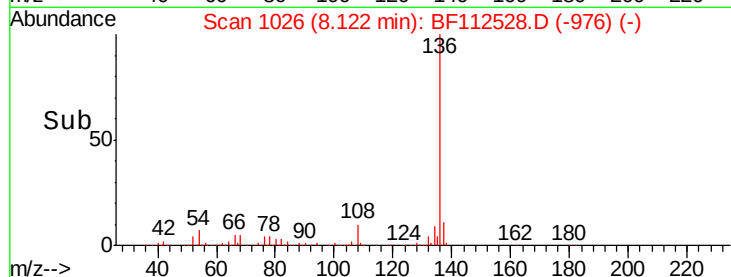
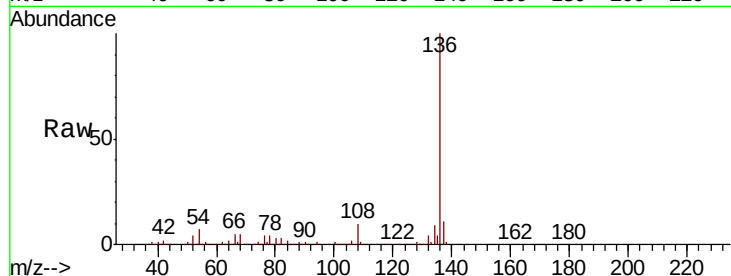
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.6 5.9 8.9

68 4.8 5.1 7.7#



#22

Acetophenone

Concen: 39.787 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Tgt Ion:105 Resp: 516159

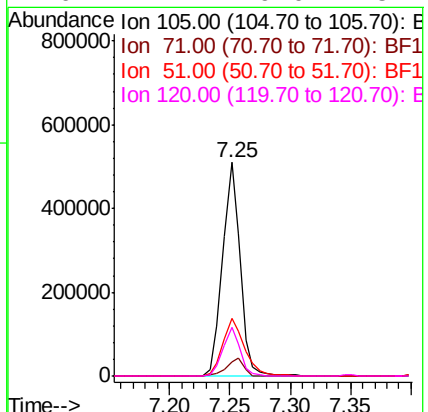
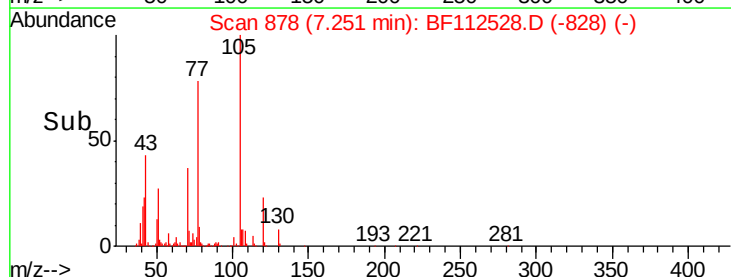
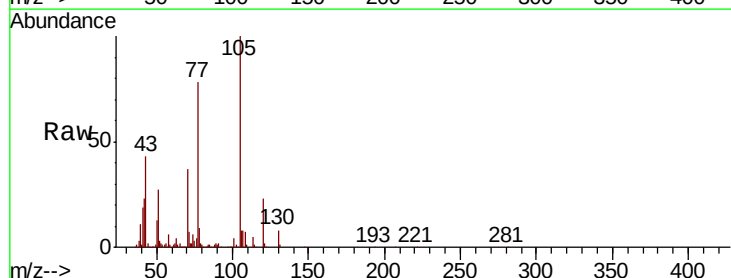
Ion Ratio Lower Upper

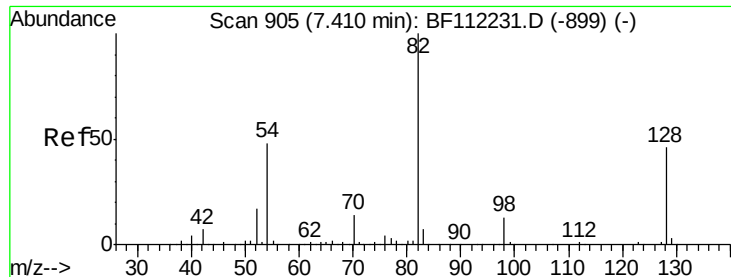
105 100

71 6.5 4.6 6.8

51 27.1 25.0 37.6

120 22.7 19.0 28.4

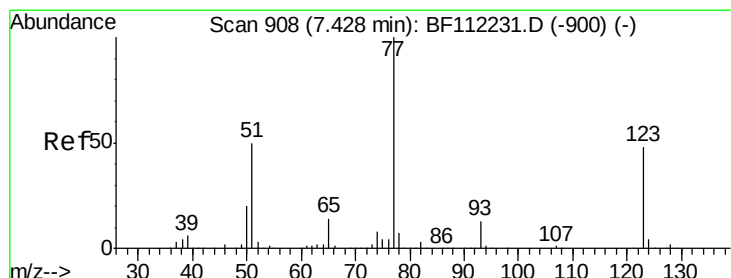
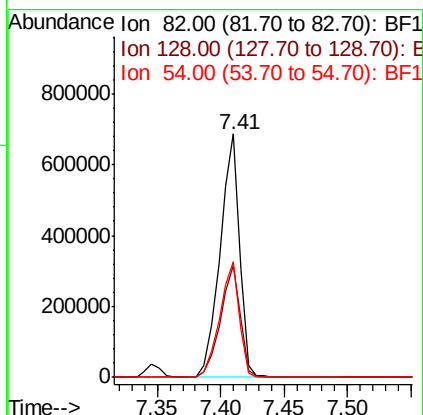
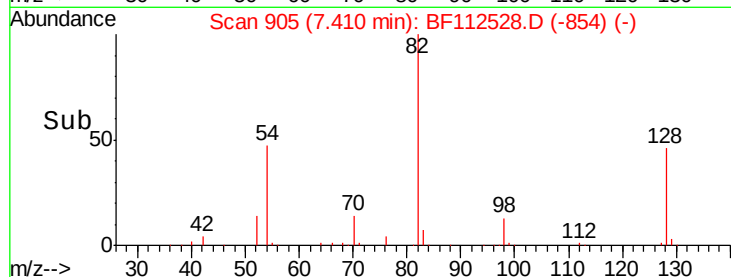
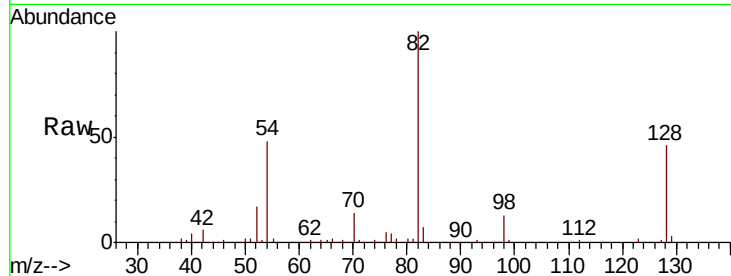




#23
 Nitrobenzene-d5
 Concen: 79.846 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

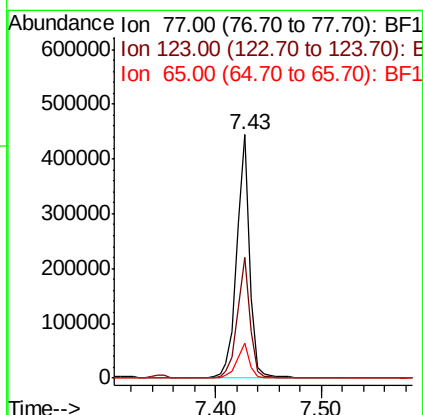
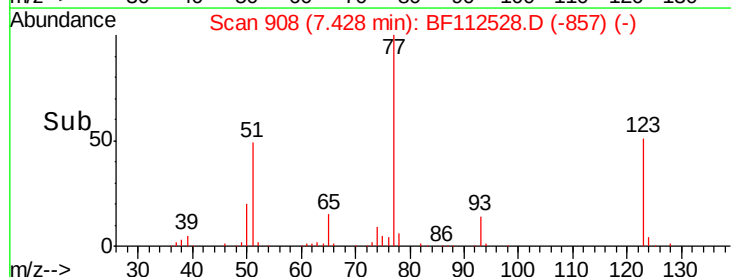
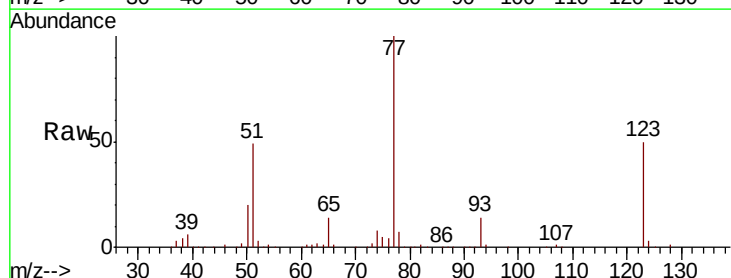
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

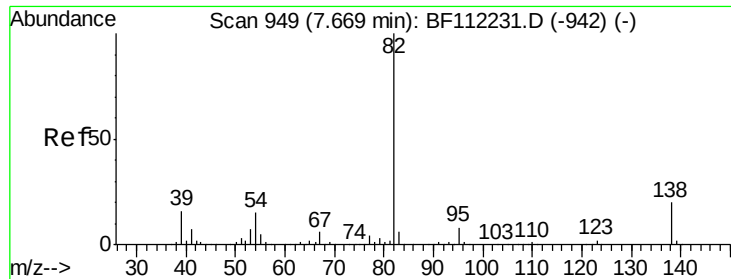
Tot Ion: 82 Resp: 738288
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.8 56.8
 54 47.6 39.7 59.5



#24
 Nitrobenzene
 Concen: 39.500 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

Tgt Ion: 77 Resp: 364763
 Ion Ratio Lower Upper
 77 100
 123 49.8 38.4 57.6
 65 14.4 10.6 15.8





#25

Isophorone

Concen: 39.808 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

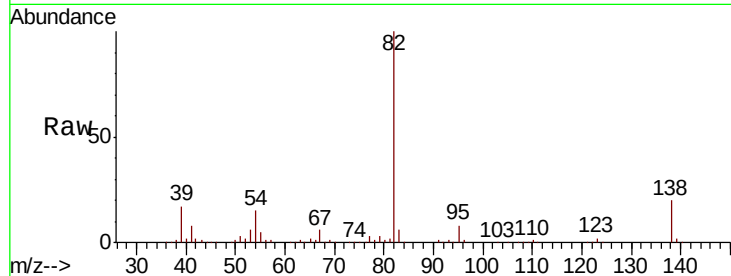
Tot Ion: 82 Resp: 577442

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

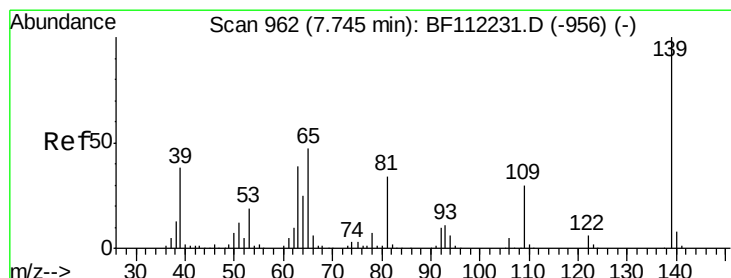
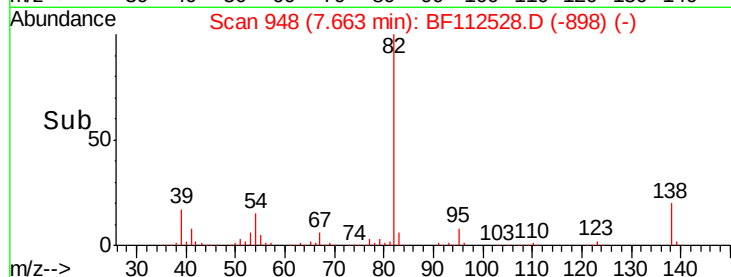
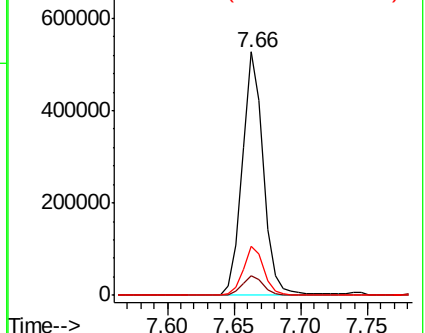
138 20.0 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.192 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

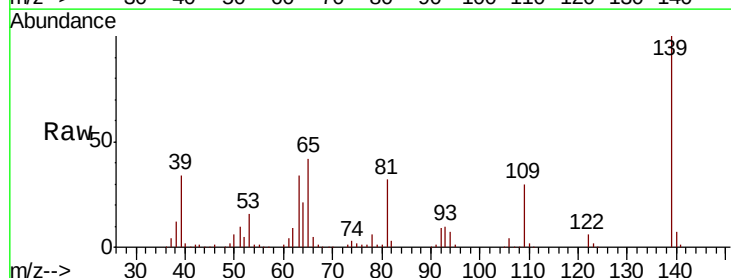
Tgt Ion: 139 Resp: 203286

Ion Ratio Lower Upper

139 100

109 29.6 20.8 31.2

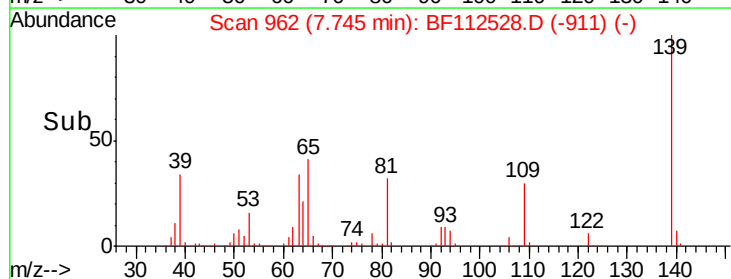
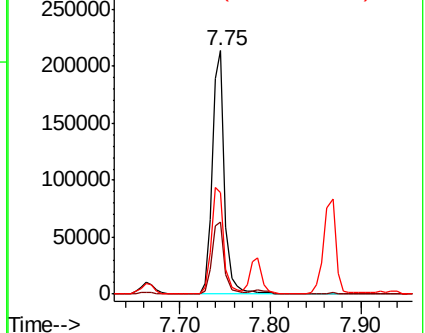
65 41.8 34.4 51.6

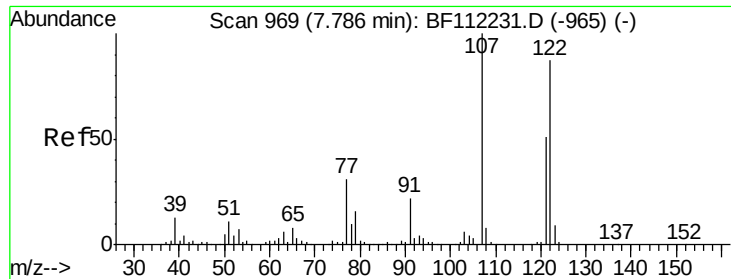


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

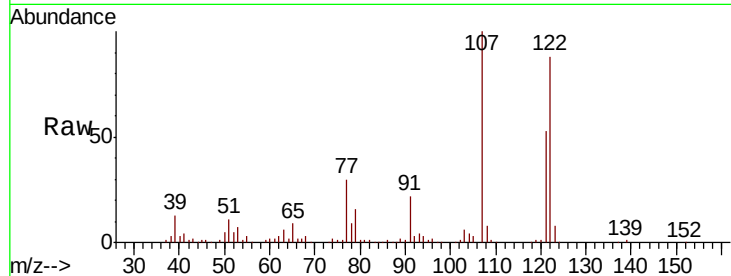




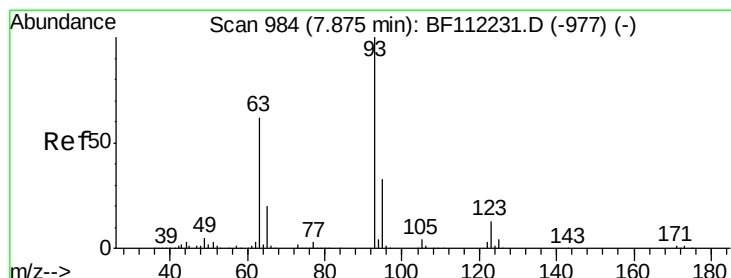
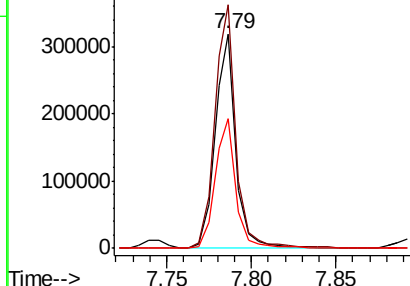
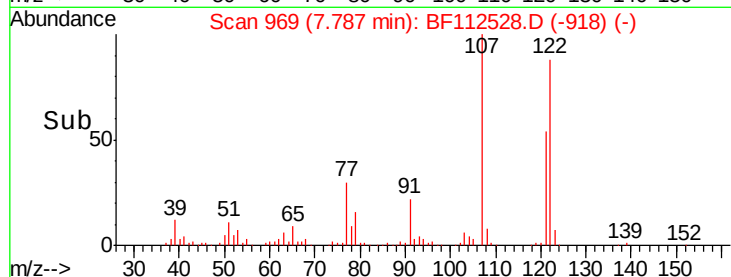
#27
2,4-Dimethylphenol
Concen: 39.846 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 270926
Ion Ratio Lower Upper
122 100
107 113.5 85.4 128.0
121 60.7 47.0 70.4

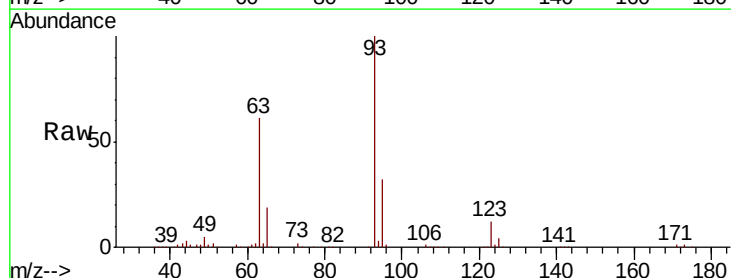


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

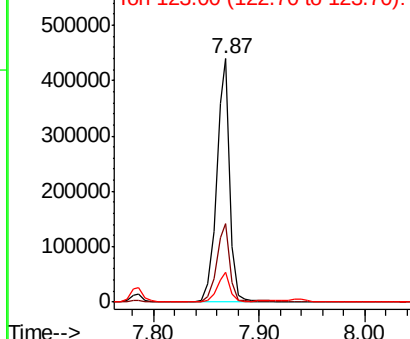
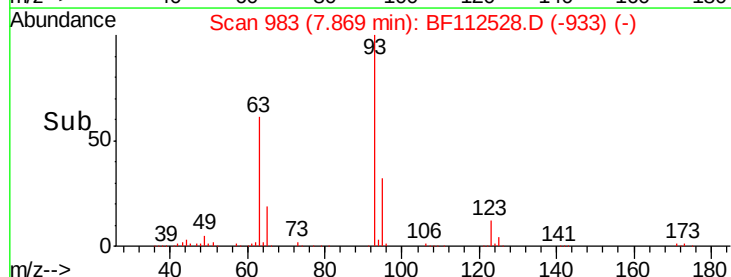


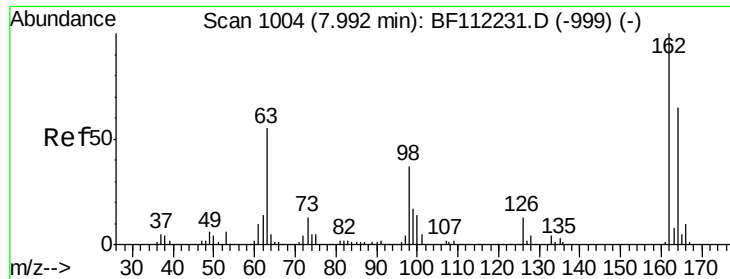
#28
bis(2-Chloroethoxy)methane
Concen: 39.574 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion: 93 Resp: 390874
Ion Ratio Lower Upper
93 100
95 32.5 26.8 40.2
123 12.3 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

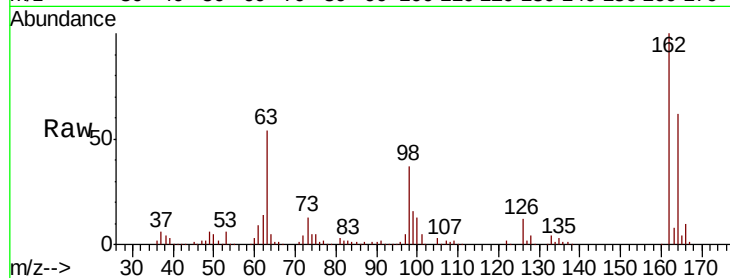




#29
2,4-Dichlorophenol
Concen: 40.881 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	36.6	14.6	54.6

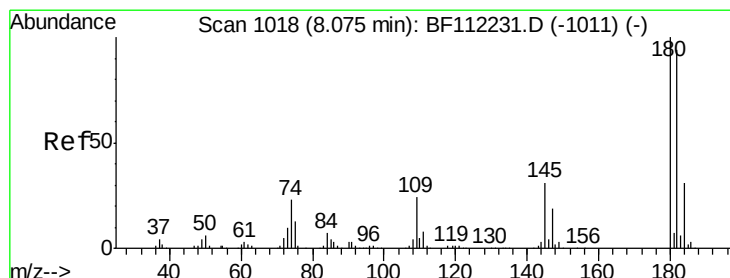
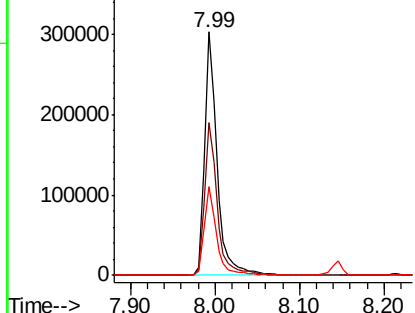
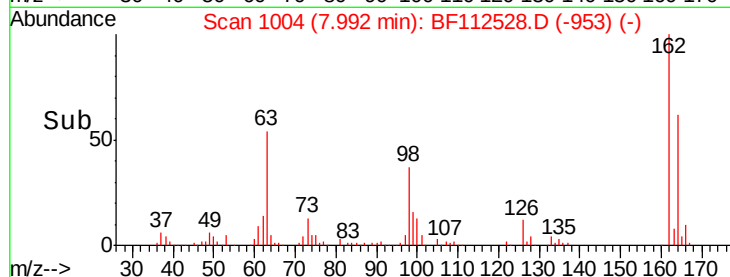


Abundance

Ion 162.00 (161.70 to 162.70): E

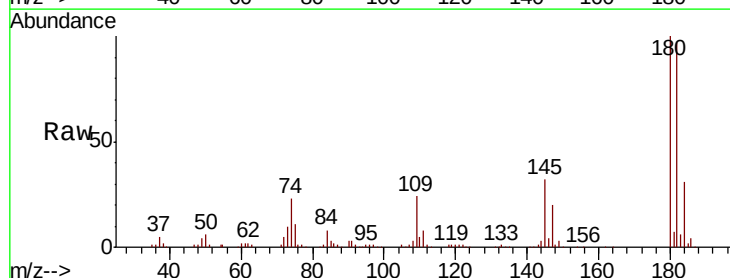
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.327 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	31.7	25.0	37.4

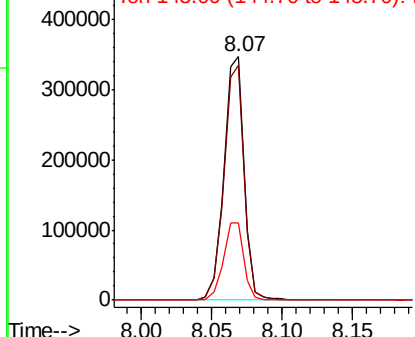
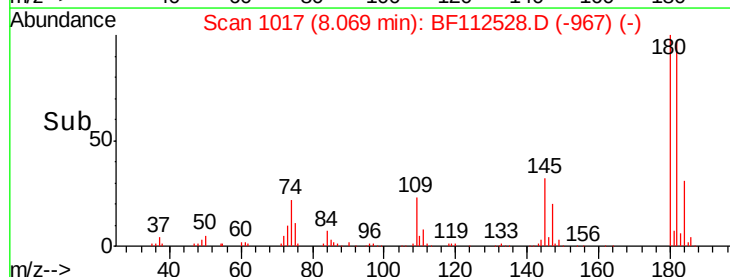


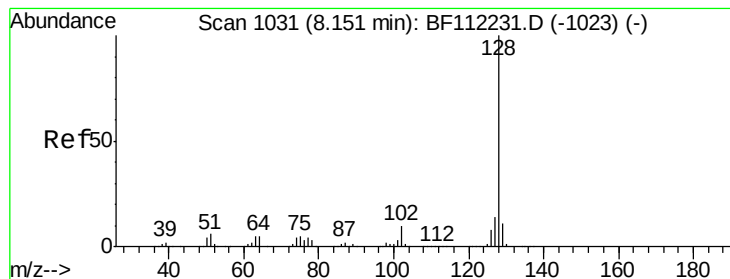
Abundance

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: 39.667 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

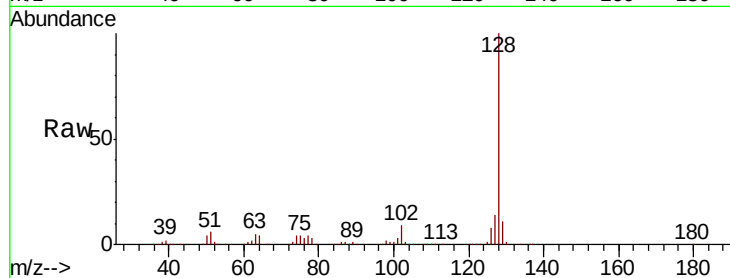
Tot Ion:128 Resp: 988313

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

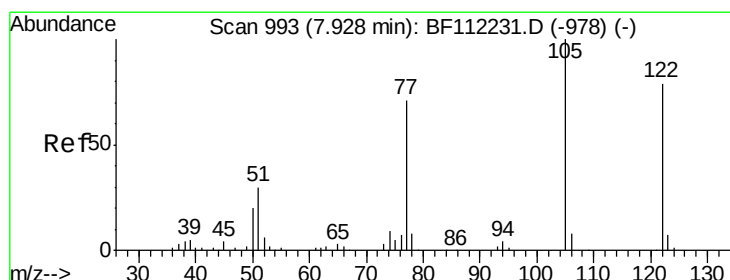
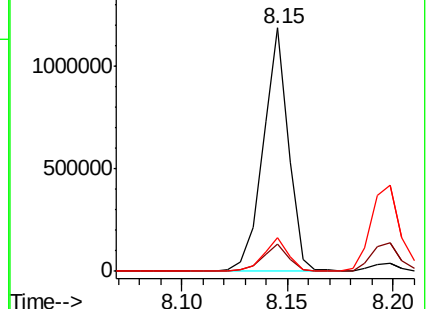
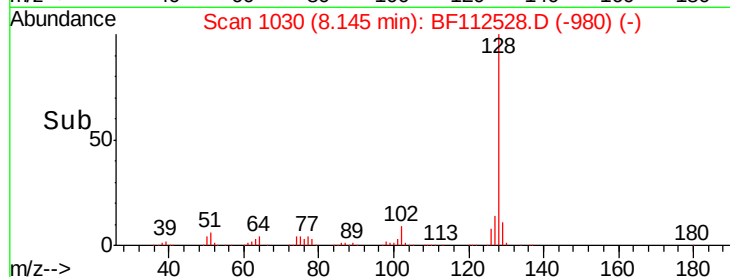
127 13.8 11.1 16.7



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: 39.042 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

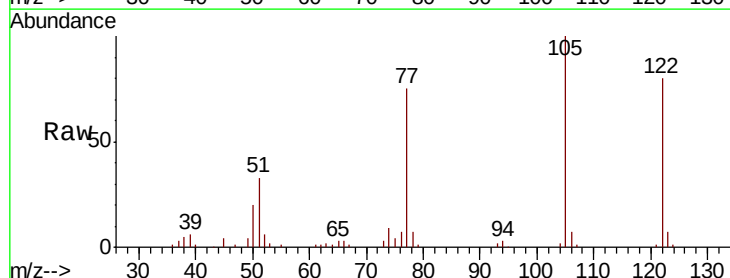
Tgt Ion:122 Resp: 151423

Ion Ratio Lower Upper

122 100

105 125.1 101.2 141.2

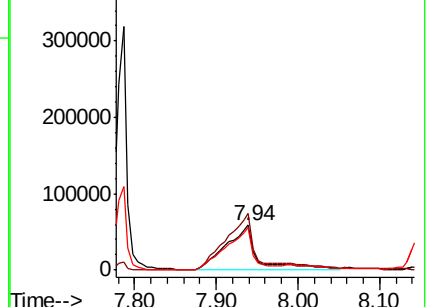
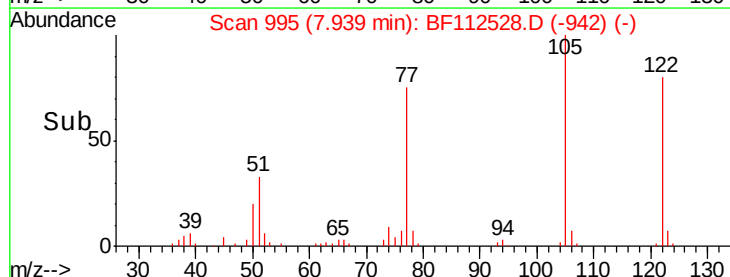
77 93.9 70.4 110.4

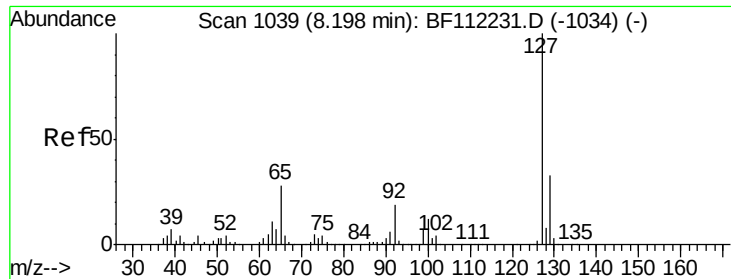


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

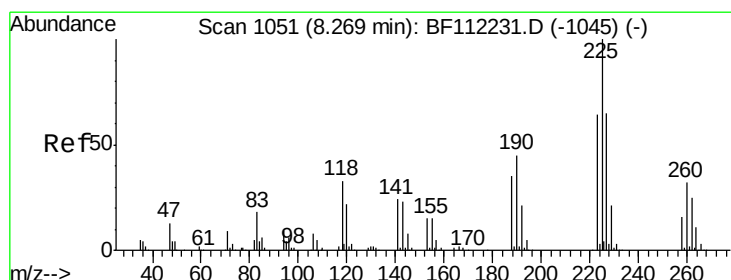
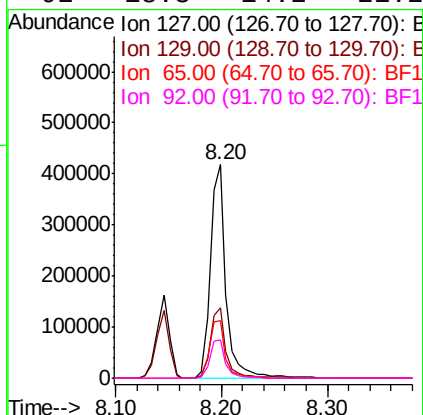
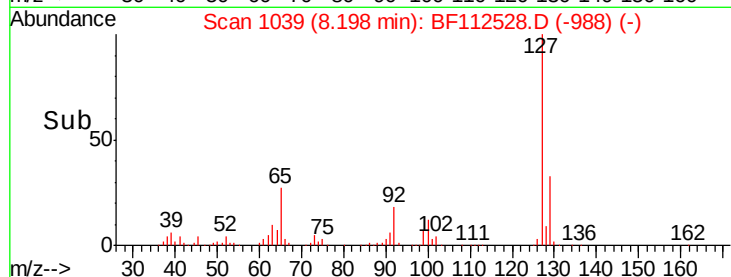
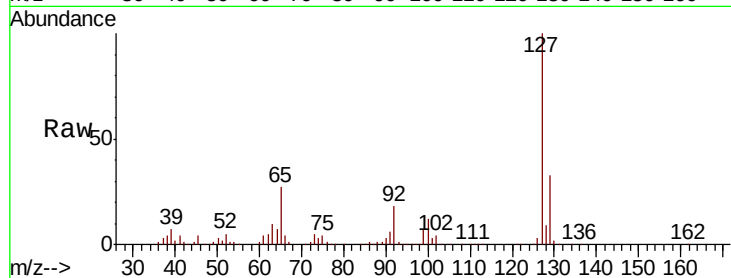




#33
4-Chloroaniline
Concen: 39.719 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

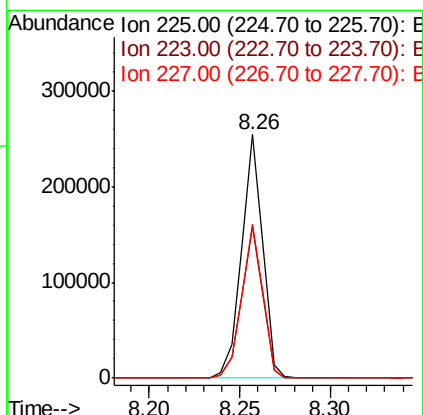
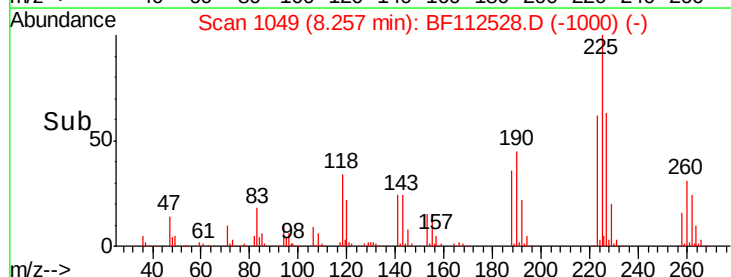
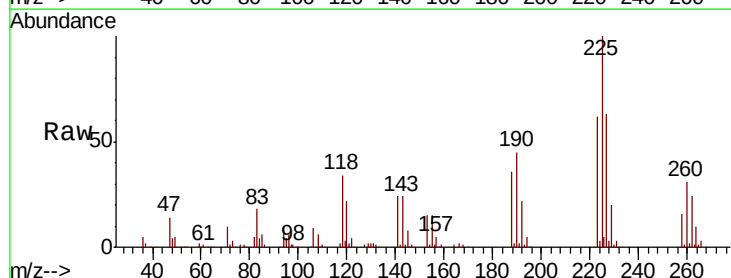
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

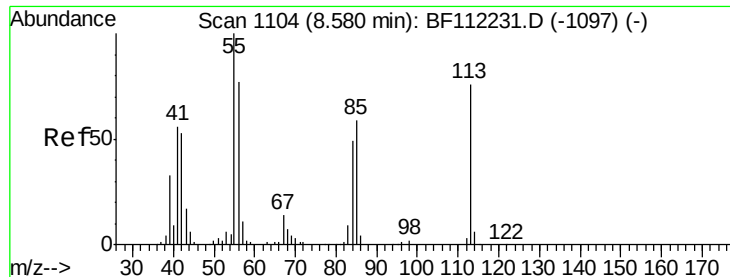
Tot Ion:	127	Resp:	430890
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	39.8
65	26.8	21.4	32.2
92	18.3	14.2	21.2



#34
Hexachlorobutadiene
Concen: 39.849 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:	225	Resp:	204525
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	63.0	51.8	77.8

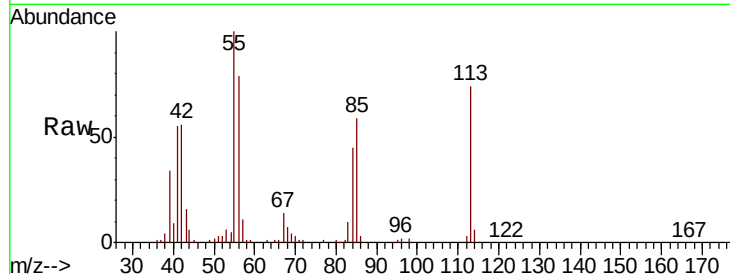




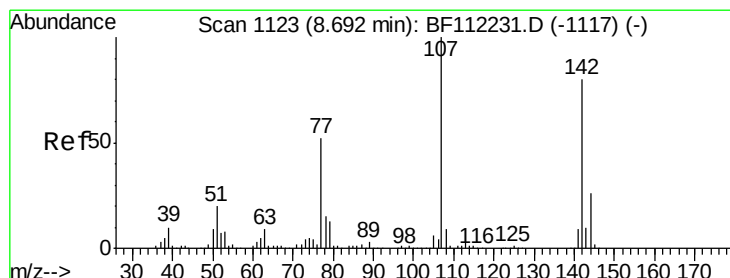
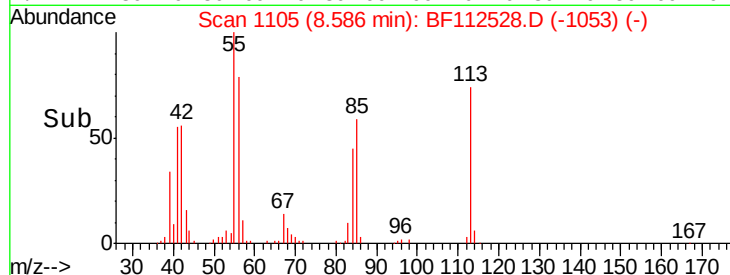
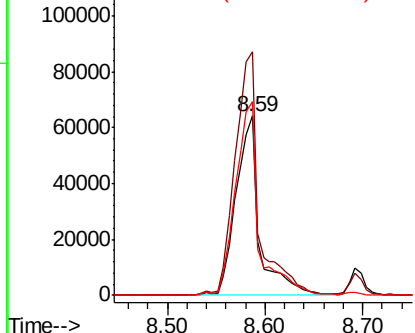
#35
Caprolactam
Concen: 39.879 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 107045
Ion Ratio Lower Upper
113 100
55 135.6 121.6 161.6
56 107.6 86.7 126.7

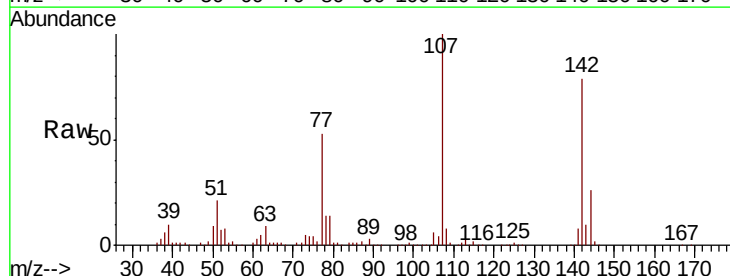


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

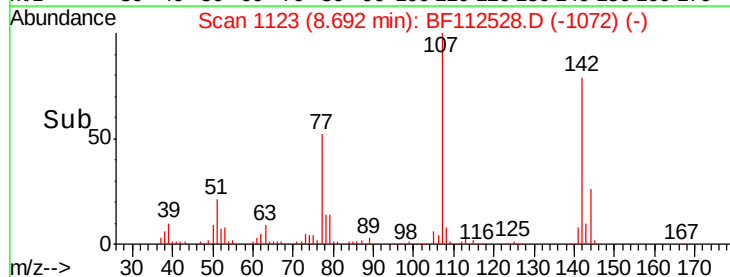
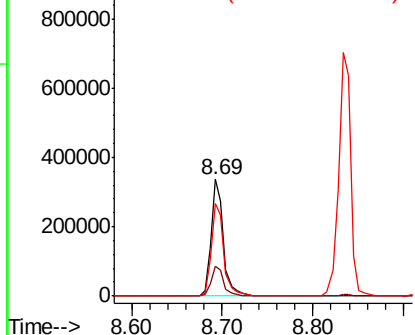


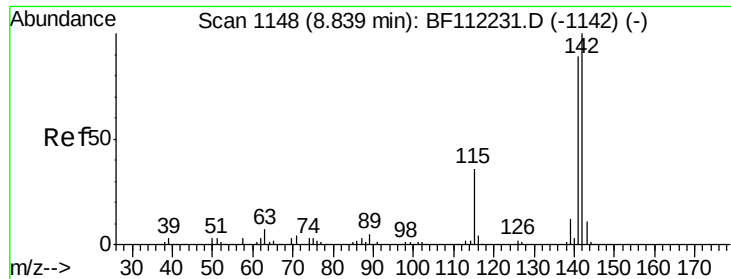
#36
4-Chloro-3-methylphenol
Concen: 40.172 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:107 Resp: 323582
Ion Ratio Lower Upper
107 100
144 25.9 22.2 33.2
142 79.3 67.7 101.5



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

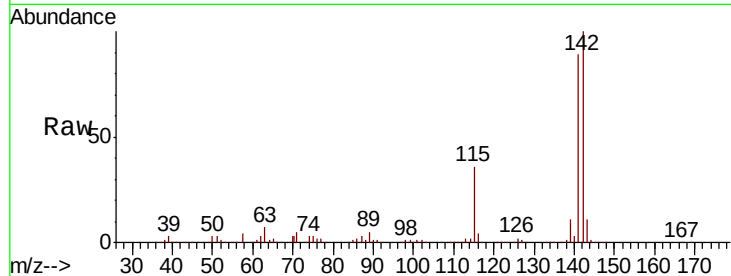




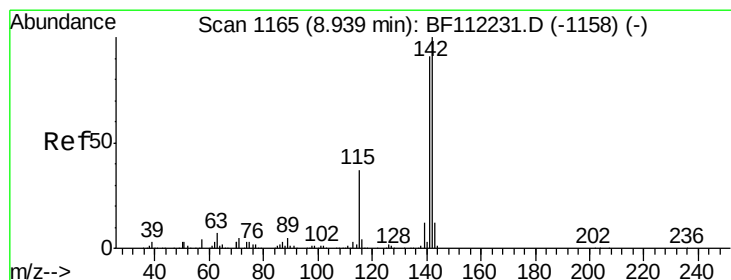
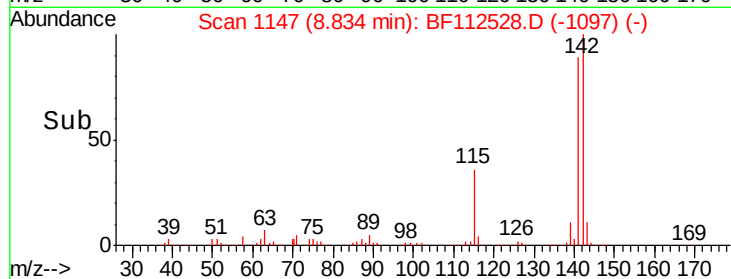
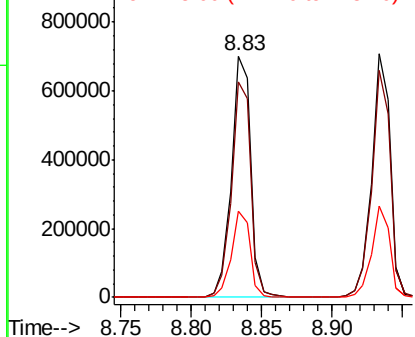
#37
2-Methylnaphthalene
Concen: 39.135 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.9	106.3
115	35.6	24.9	37.3

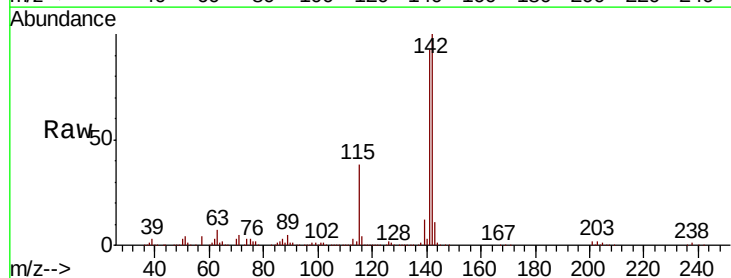


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

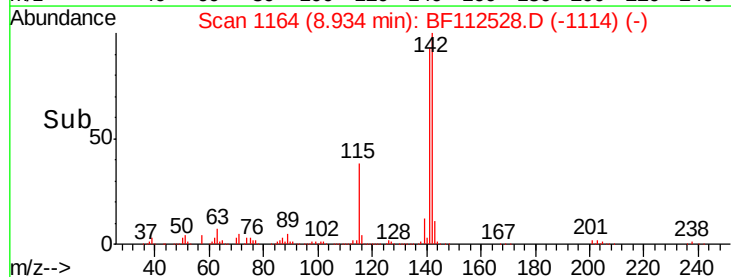
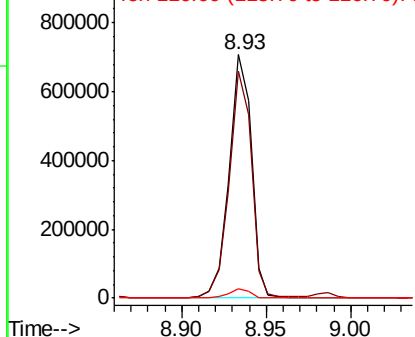


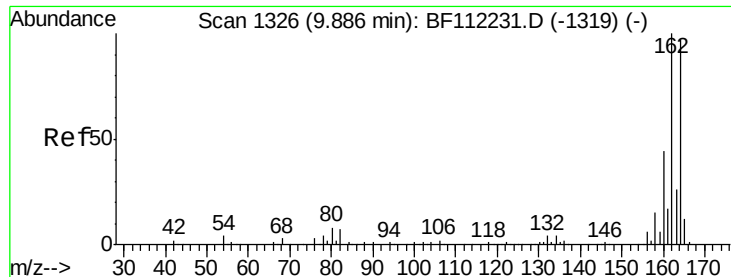
#38
1-Methylnaphthalene
Concen: 39.289 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt 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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

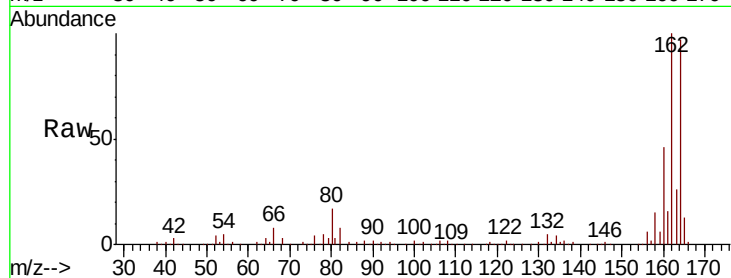
Tot Ion:164 Resp: 262901

Ion Ratio Lower Upper

164 100

162 103.2 82.2 123.4

160 47.0 36.2 54.4

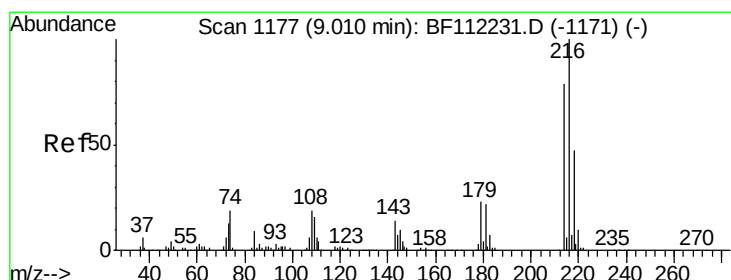
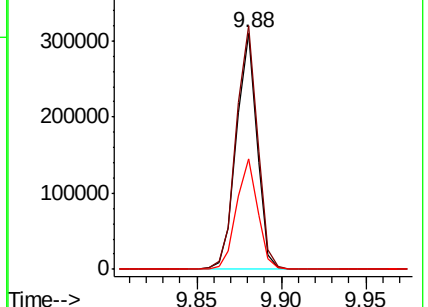
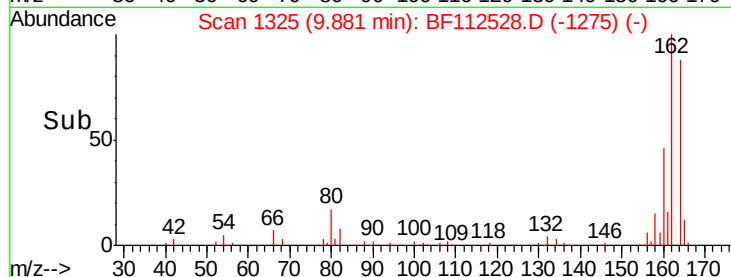


Abundance

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: 39.126 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Tgt Ion:216 Resp: 337737

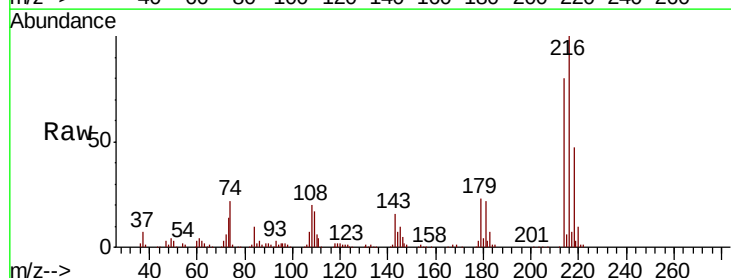
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 22.0 16.9 25.3

108 18.8 14.2 21.4



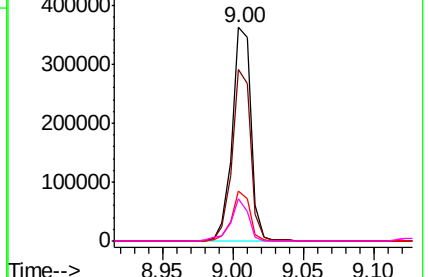
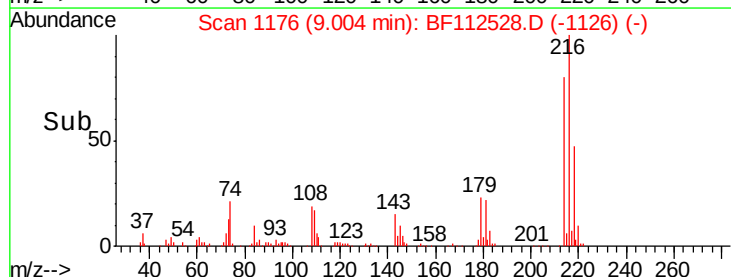
Abundance

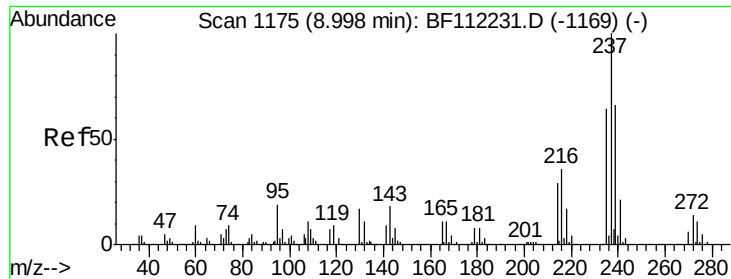
Ion 216.00 (215.70 to 216.70): E

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

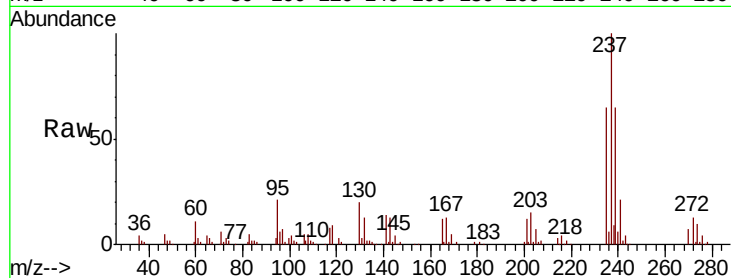




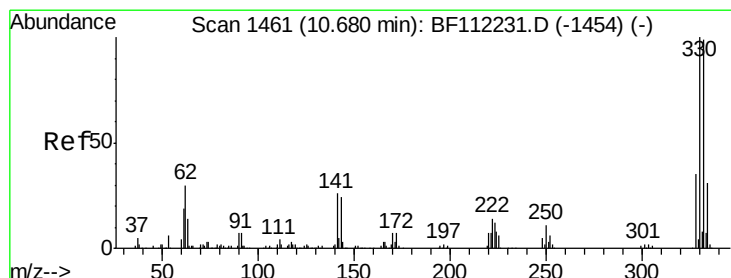
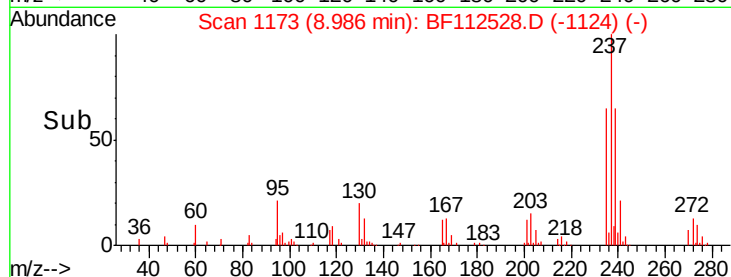
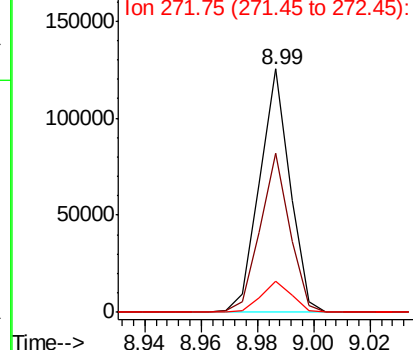
#41
Hexachlorocyclopentadiene
Concen: 34.727 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 93640
Ion Ratio Lower Upper
237 100
235 65.1 44.0 84.0
272 12.9 0.0 33.3

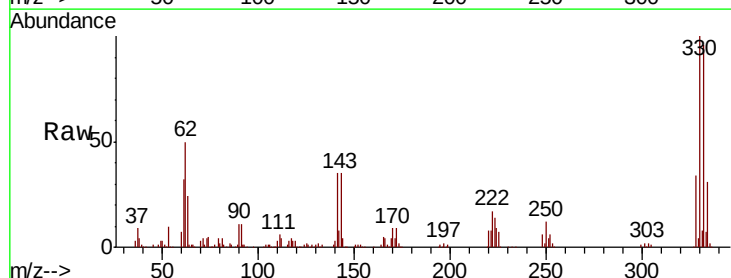


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

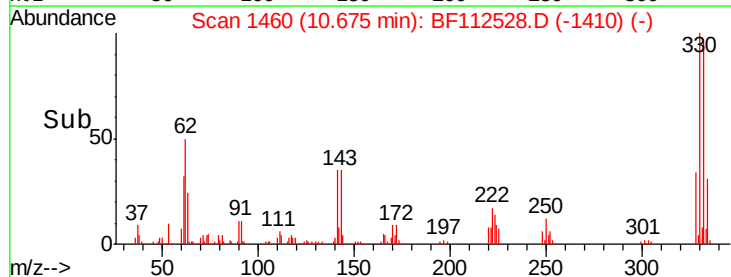
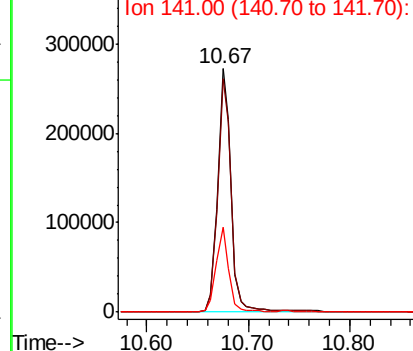


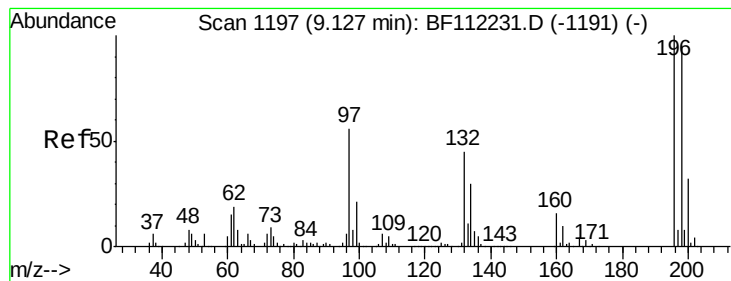
#42
2,4,6-Tribromophenol
Concen: 82.410 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:330 Resp: 252183
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 33.0 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: 39.616 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

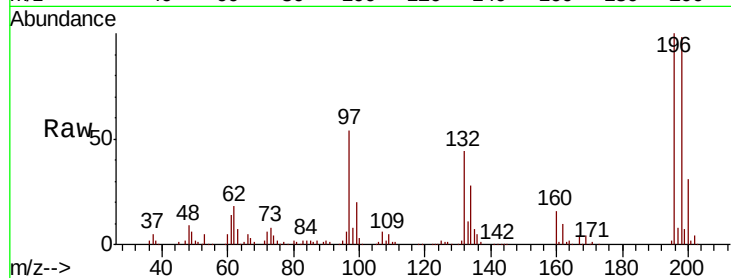
Tot Ion:196 Resp: 210789

Ion Ratio Lower Upper

196 100

198 98.3 76.2 114.4

200 30.9 24.3 36.5

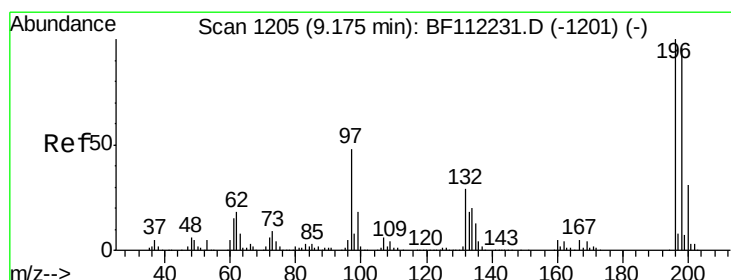
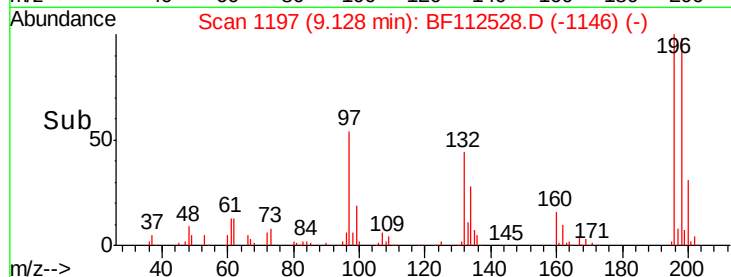
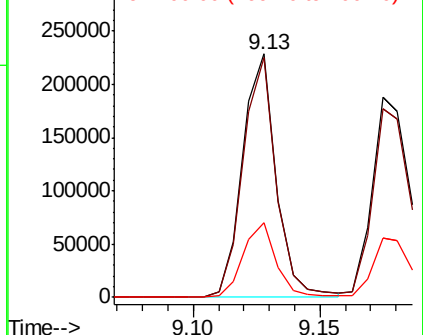


Abundance

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: 38.468 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Tgt Ion:196 Resp: 213917

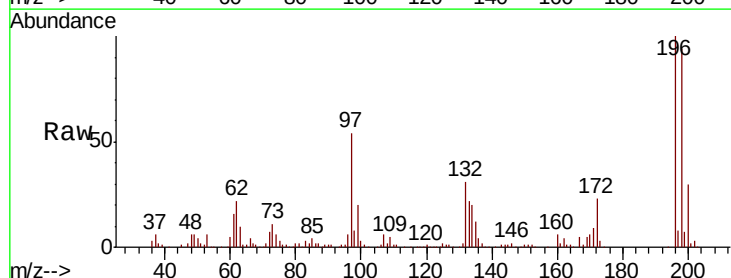
Ion Ratio Lower Upper

196 100

198 94.4 76.0 114.0

97 53.9 36.4 54.6

132 30.7 21.5 32.3



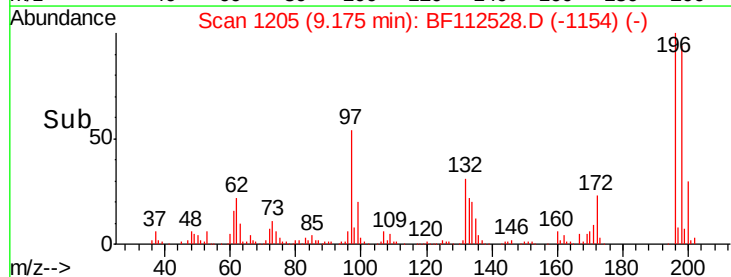
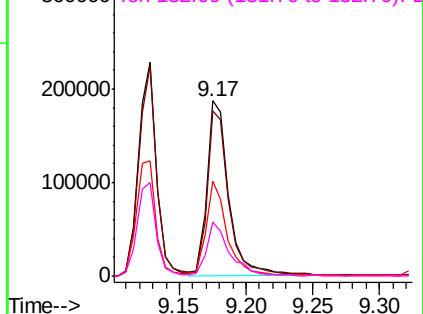
Abundance

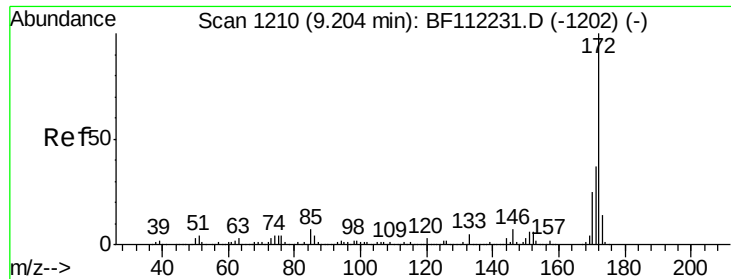
Ion 196.00 (195.70 to 196.70): E

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

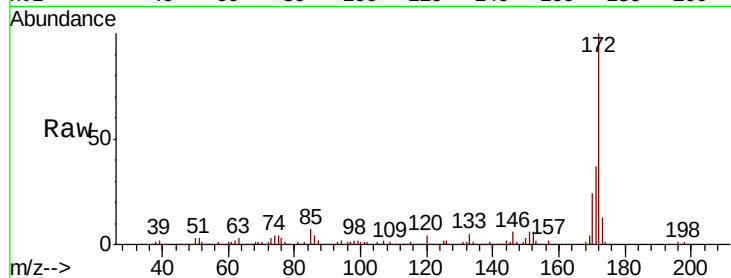




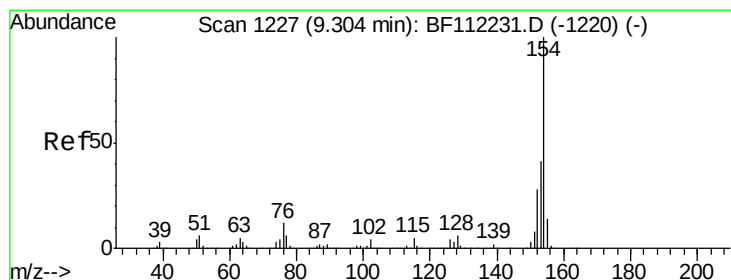
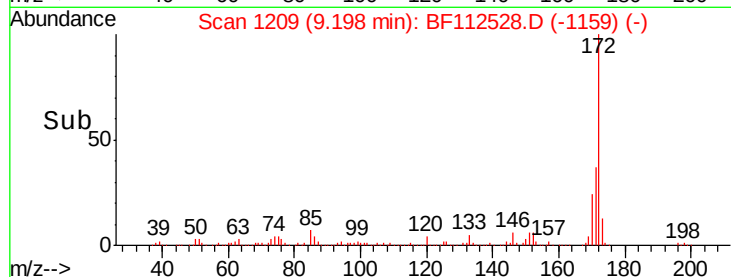
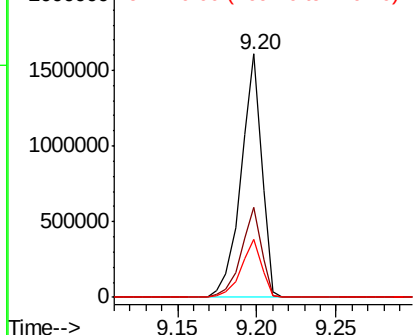
#45
2-Fluorobiphenyl
Concen: 78.117 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1452060
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.1 20.2 30.4

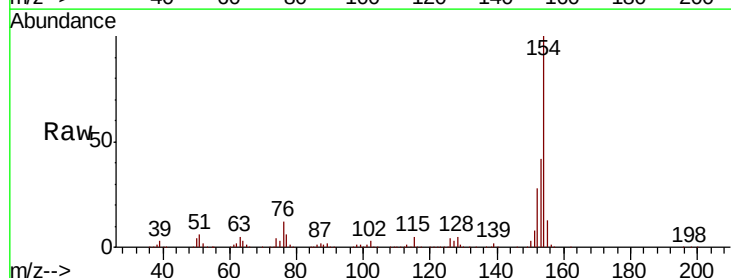


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

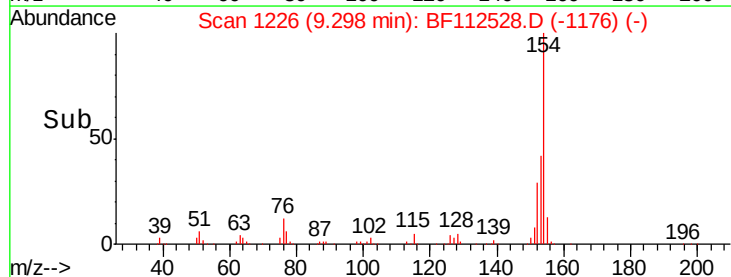
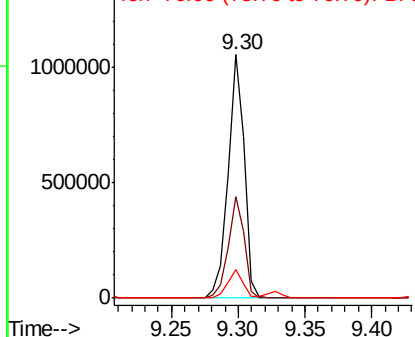


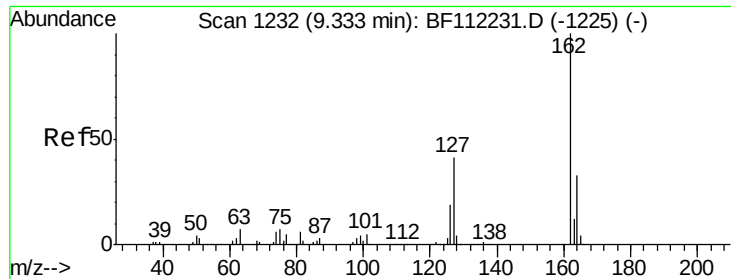
#46
1,1'-Biphenyl
Concen: 39.388 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:154 Resp: 905284
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 12.0 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

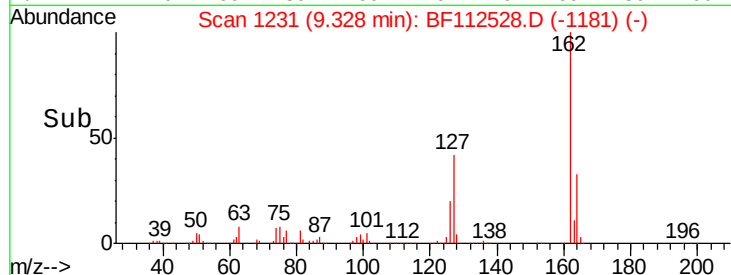
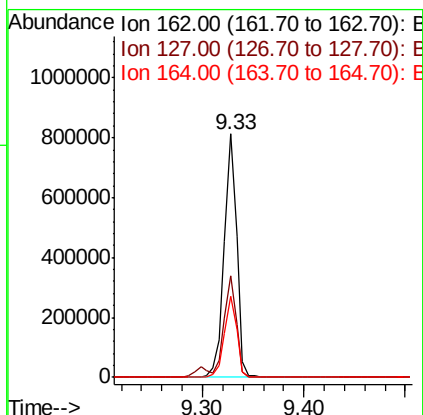
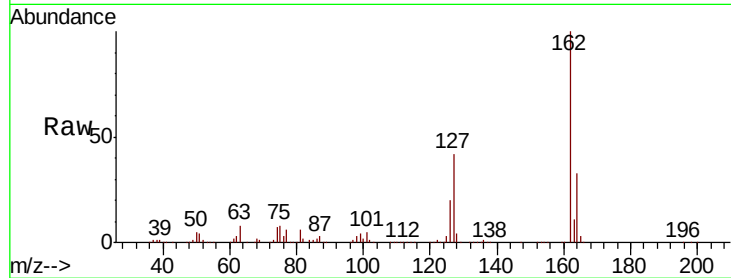




#47
 2-Chloronaphthalene
 Concen: 39.244 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

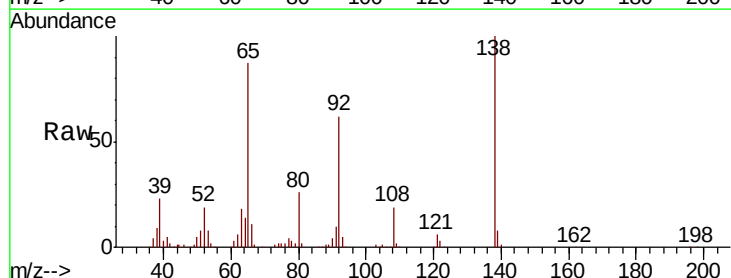
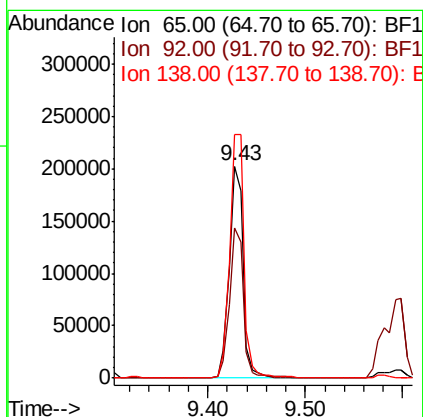
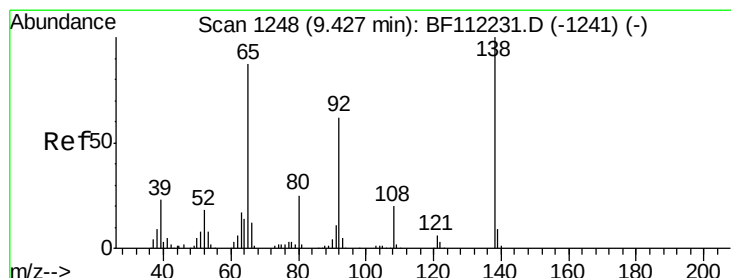
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

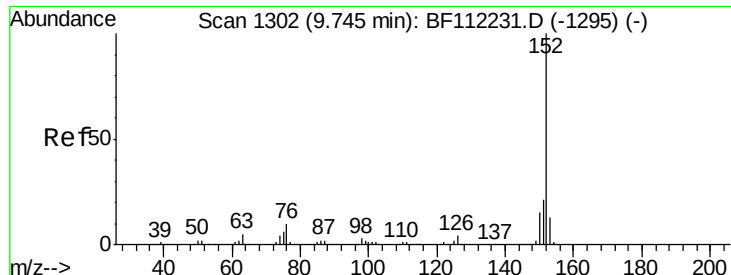
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.4	45.6
164	33.2	27.4	41.2



#48
 2-Nitroaniline
 Concen: 41.300 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	60.4	90.6
138	114.7	104.4	156.6





#49

Acenaphthylene

Concen: 39.258 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

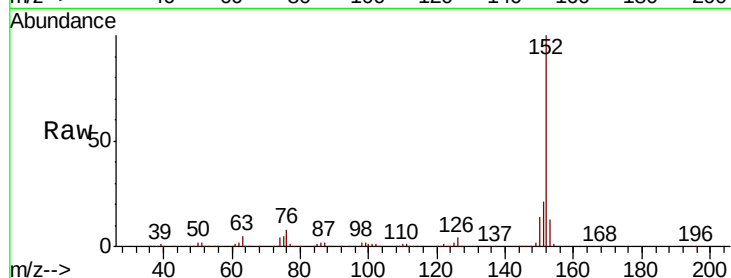
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1025547

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	13.1	11.2	16.8

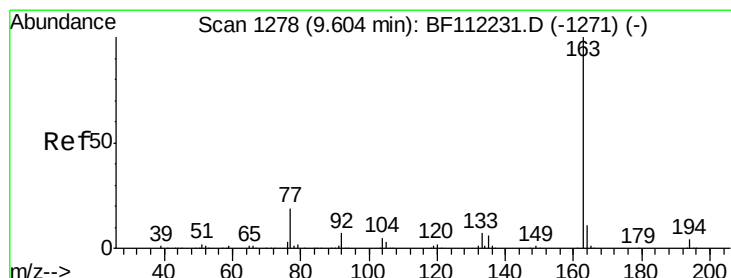
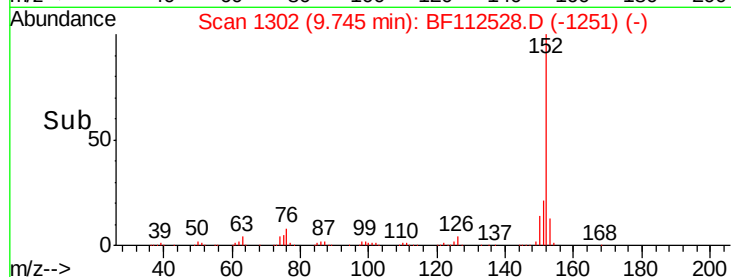
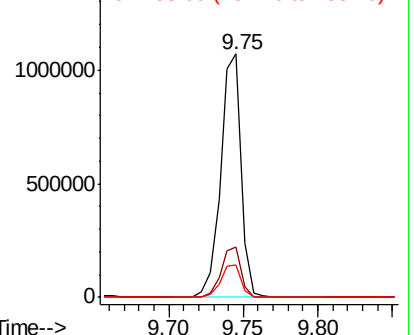


Abundance

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: 38.659 ng

RT: 9.60 min Scan# 1277

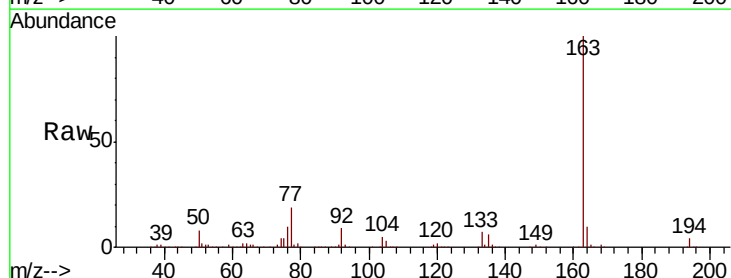
Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Tgt Ion:163 Resp: 789651

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.2	8.5	12.7

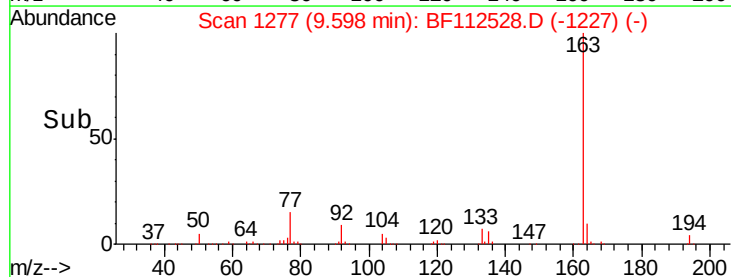
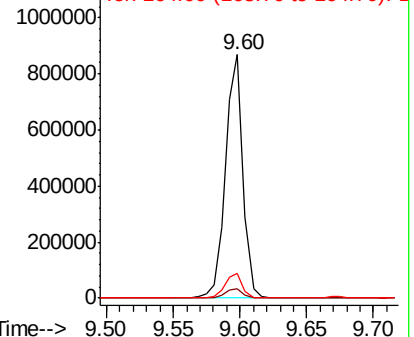


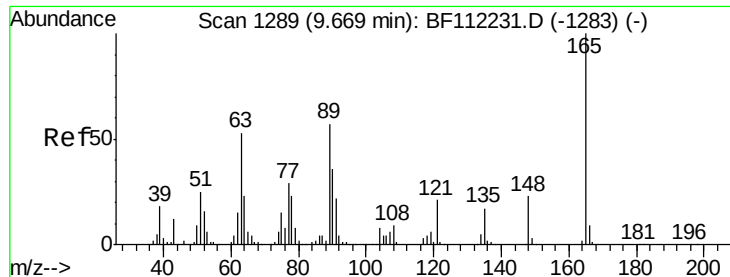
Abundance

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: 40.215 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

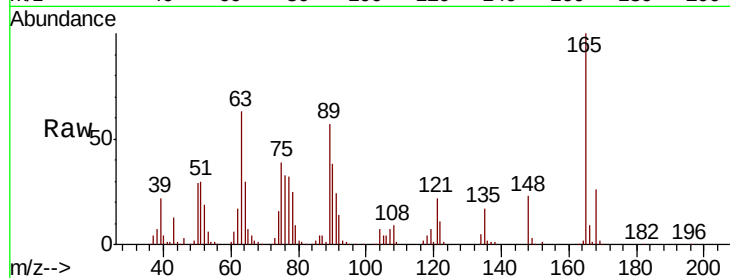
Tot Ion:165 Resp: 183971

Ion Ratio Lower Upper

165 100

63 63.1 33.8 50.8#

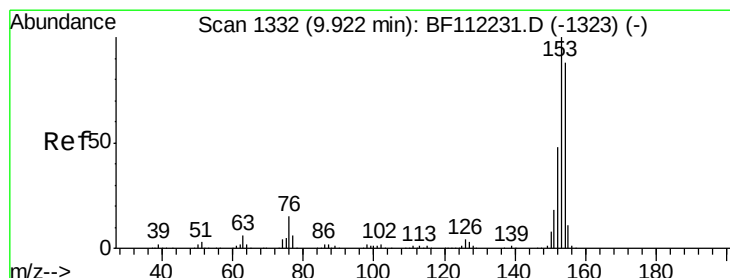
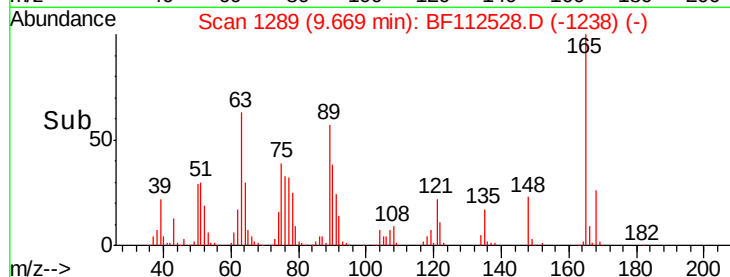
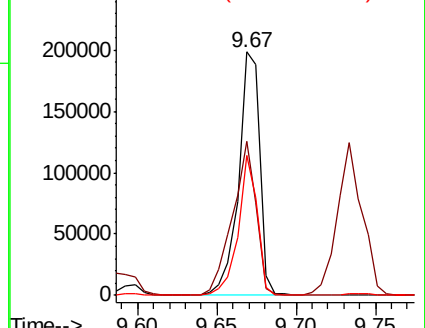
89 57.2 36.9 55.3#



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: 39.642 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

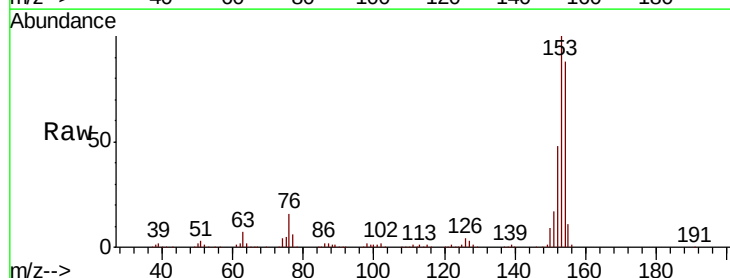
Tgt Ion:154 Resp: 618635

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

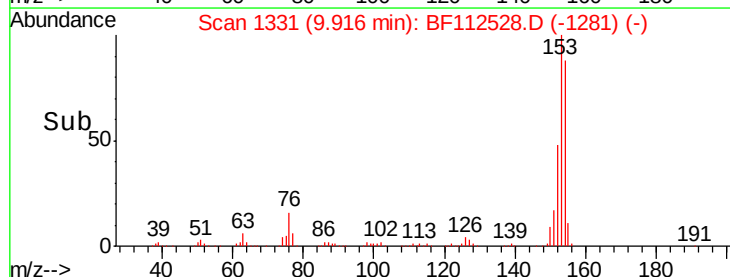
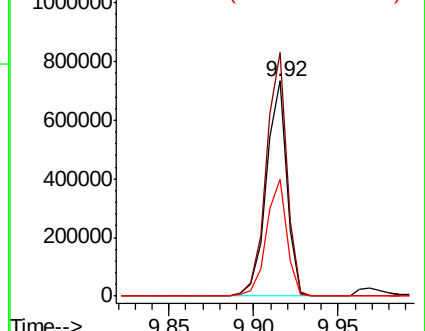
152 54.2 43.5 65.3

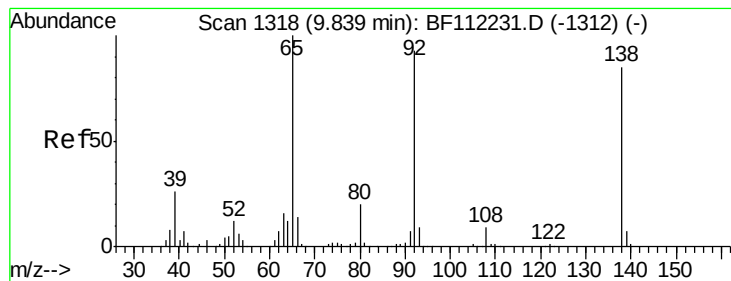


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.901 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

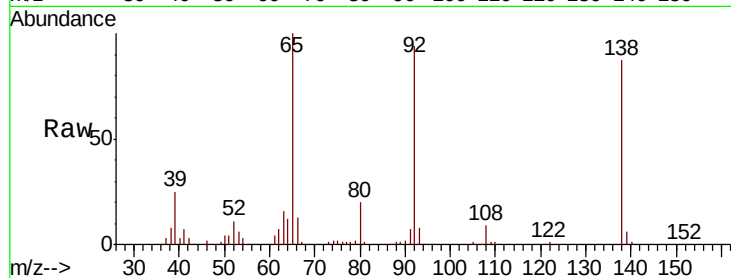
Tot Ion:138 Resp: 197752

Ion Ratio Lower Upper

138 100

108 10.1 9.8 14.6

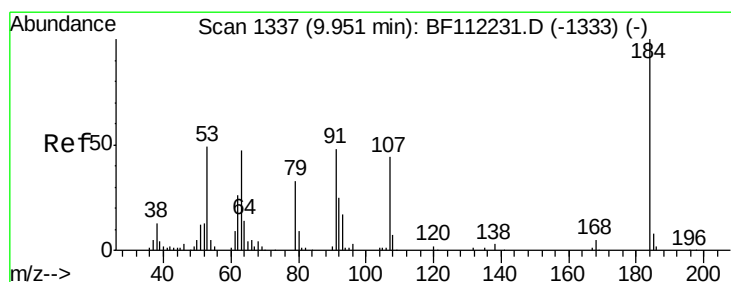
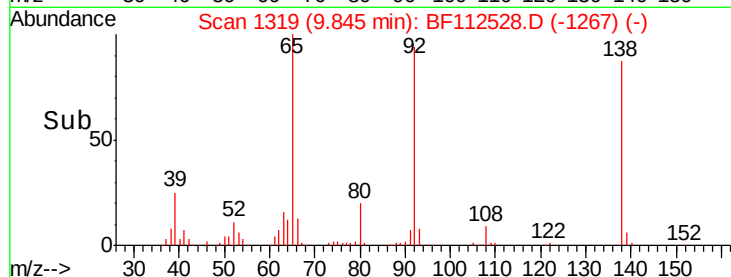
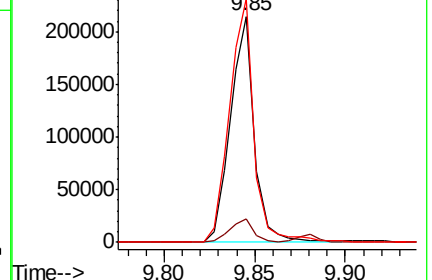
92 107.6 79.4 119.2



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: 39.187 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.02 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

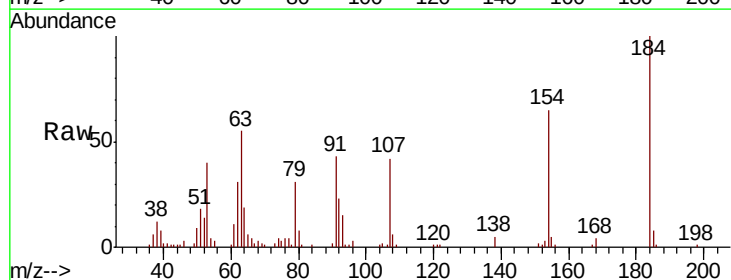
Tgt Ion:184 Resp: 57531

Ion Ratio Lower Upper

184 100

63 54.6 47.1 70.7

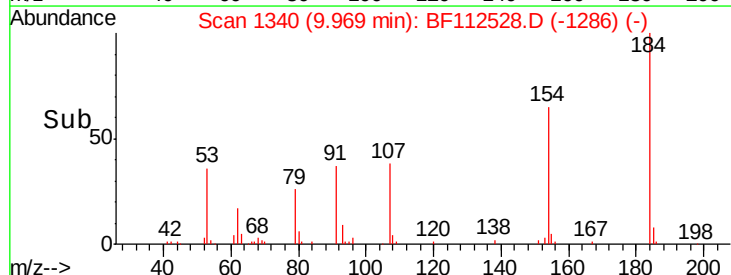
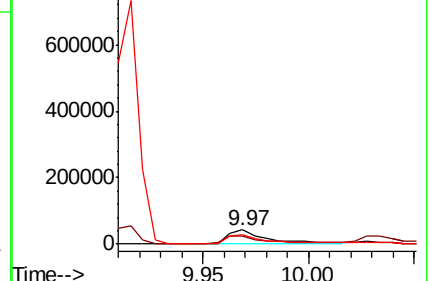
154 64.5 48.9 73.3

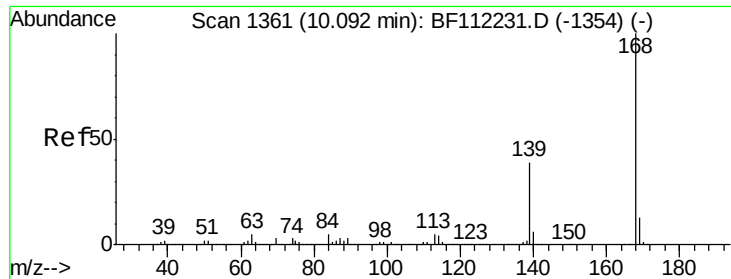


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

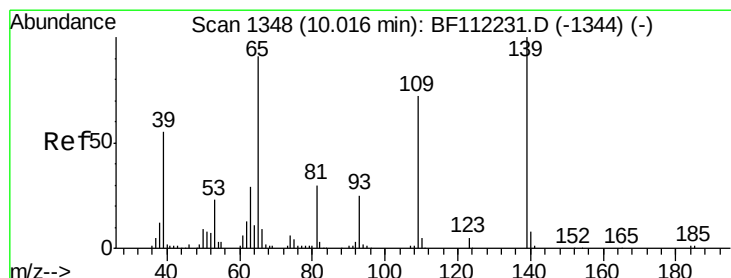
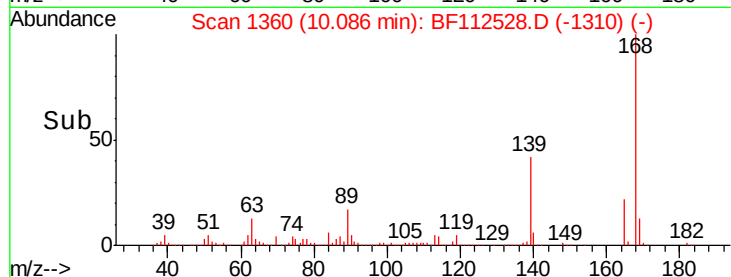
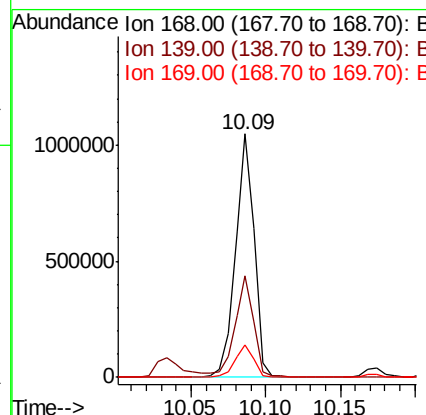
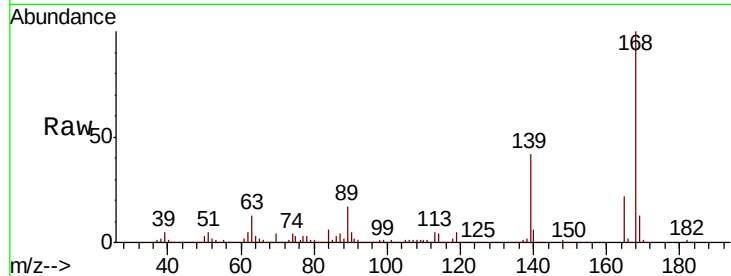




#55
Dibenzofuran
Concen: 38.880 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

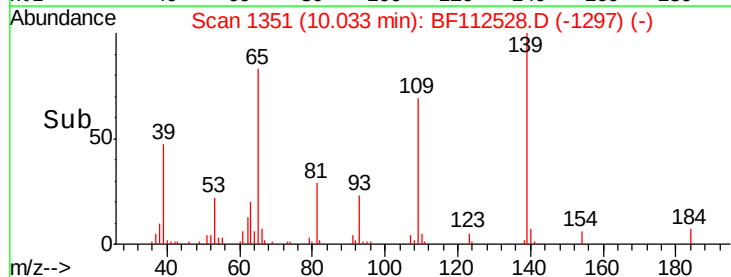
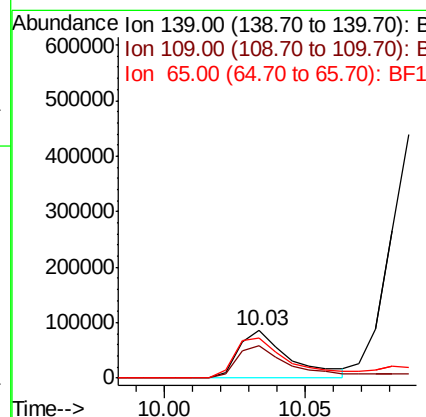
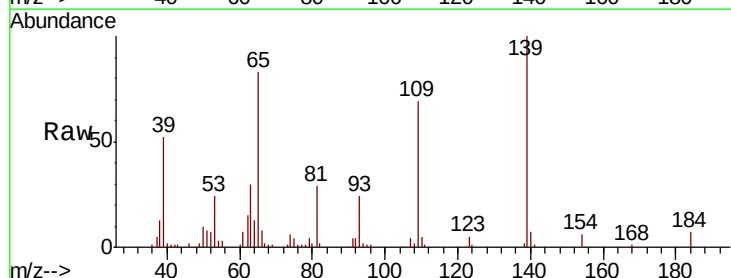
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

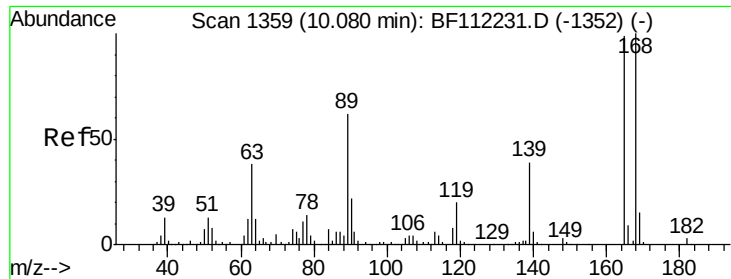
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	29.2	43.8
169	13.4	11.4	17.0



#56
4-Nitrophenol
Concen: 41.017 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	42.8	82.8
65	83.5	66.1	106.1

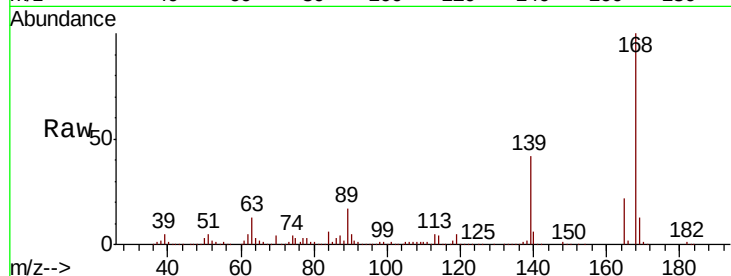




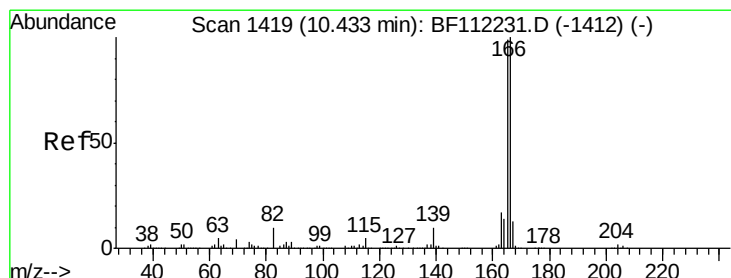
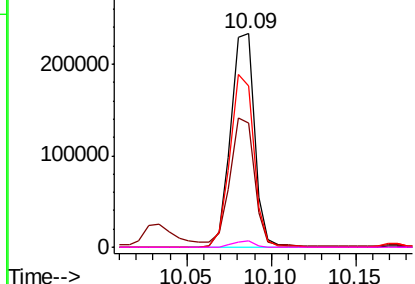
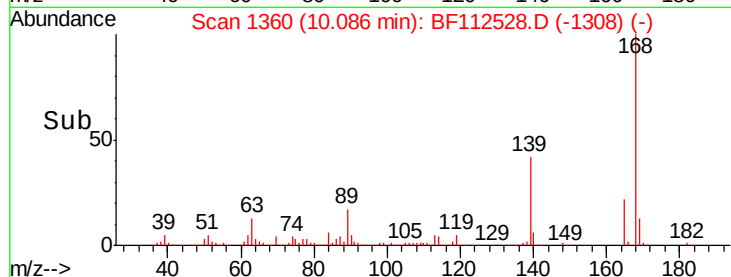
#57
2,4-Dinitrotoluene
Concen: 39.440 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	27.9	41.9#
89	75.7	47.9	71.9#
182	2.8	2.2	3.4

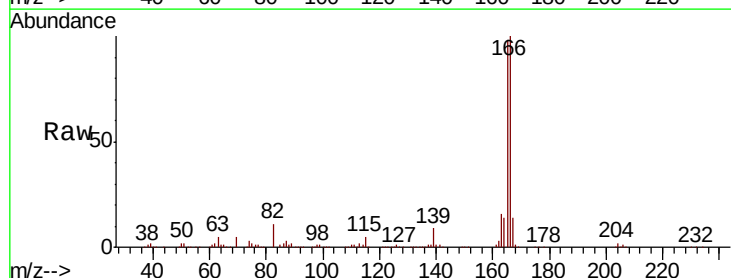


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

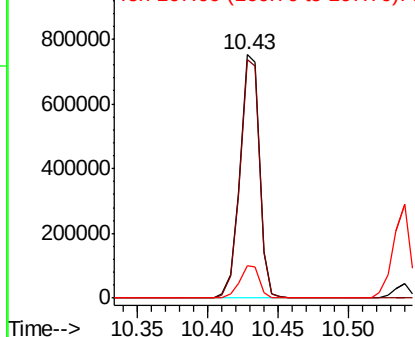
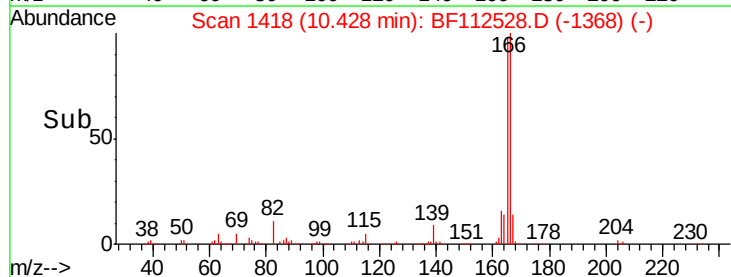


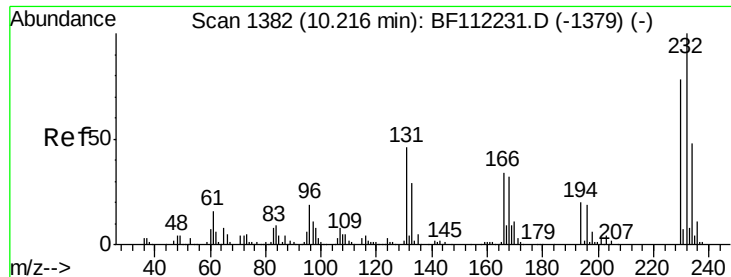
#58
Fluorene
Concen: 40.511 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.1	115.7
167	13.5	11.3	16.9



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

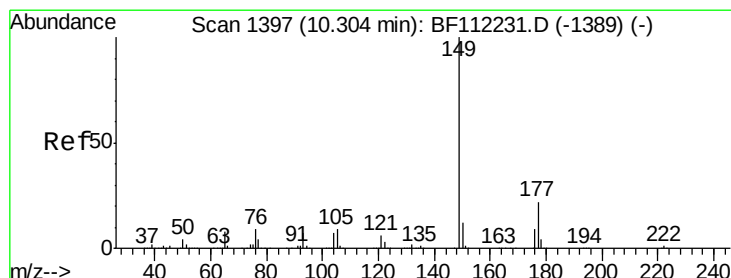
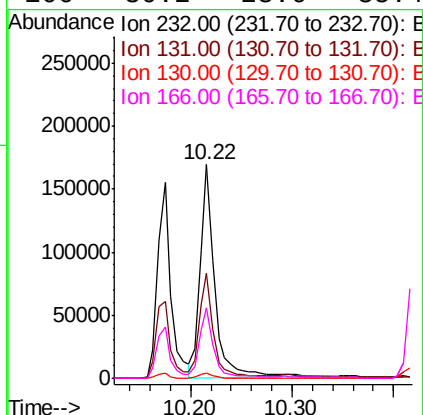
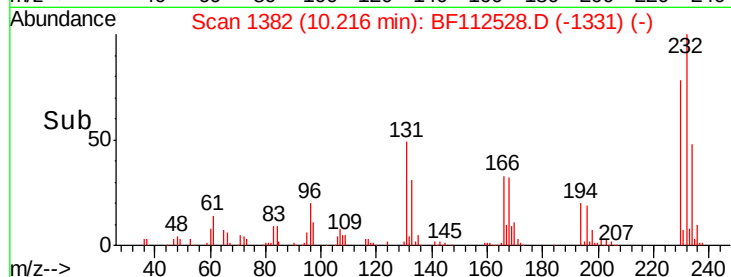
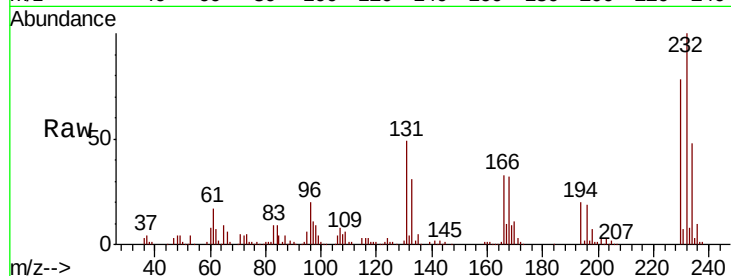




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.431 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

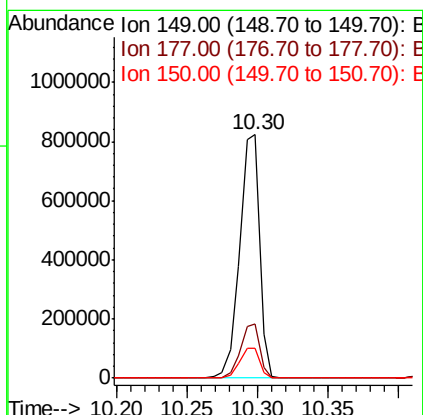
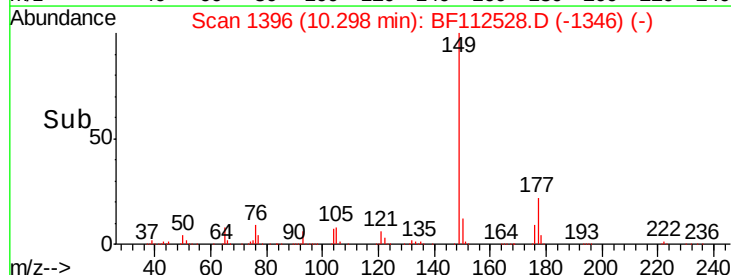
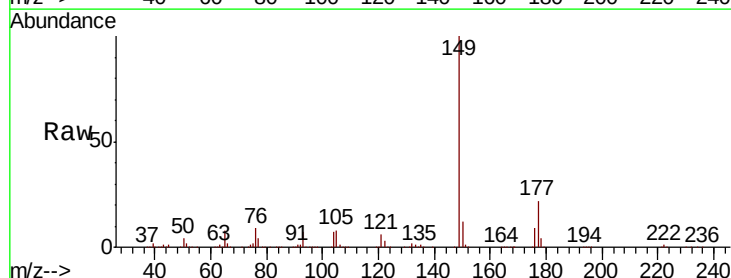
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

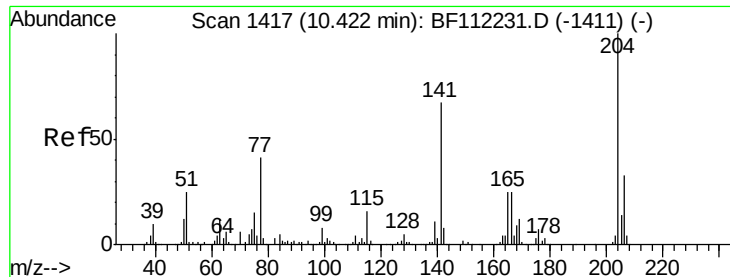
Tot Ion:232 Resp: 169908
Ion Ratio Lower Upper
232 100
131 47.9 33.9 50.9
130 2.3 1.8 2.6
166 30.2 23.6 35.4



#60
Diethylphthalate
Concen: 39.885 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:149 Resp: 808494
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.4 10.4 15.6

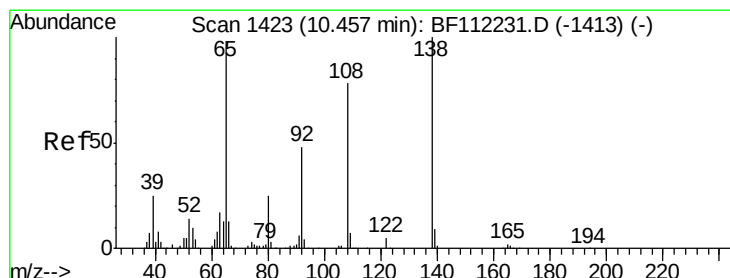
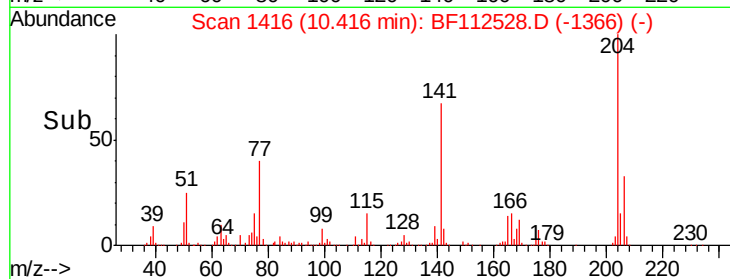
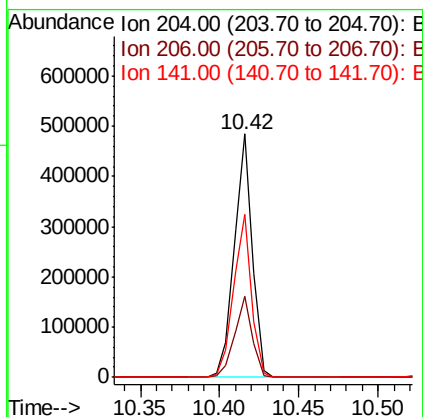
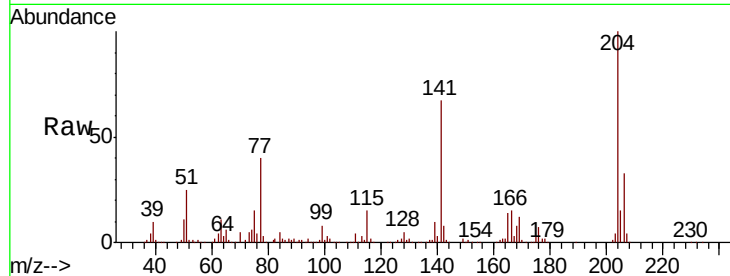




#61
 4-Chlorophenyl-phenylether
 Concen: 39.427 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

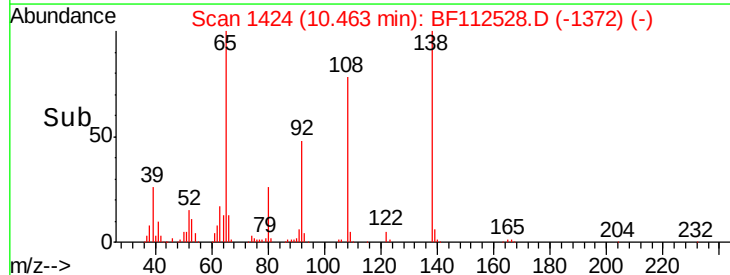
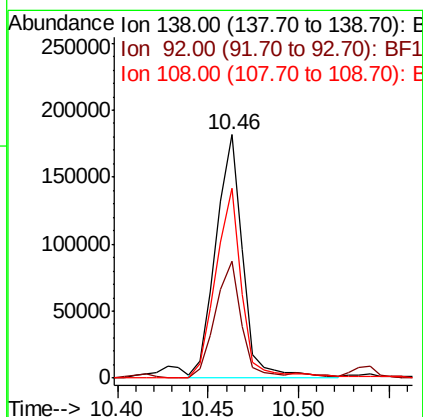
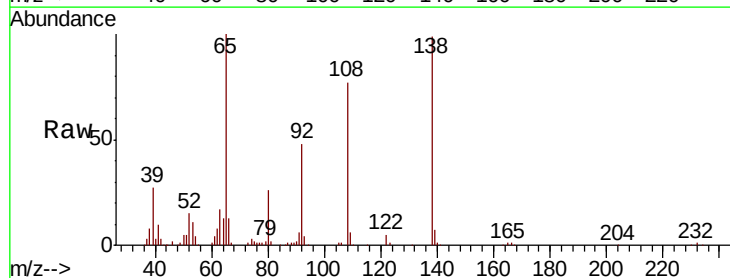
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

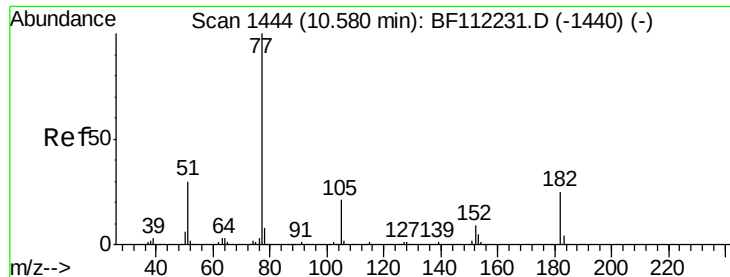
Tot Ion:204 Resp: 382741
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.5 39.7
 141 67.1 45.9 68.9



#62
 4-Nitroaniline
 Concen: 38.839 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

Tgt Ion:138 Resp: 188806
 Ion Ratio Lower Upper
 138 100
 92 48.1 30.6 70.6
 108 78.1 50.0 90.0





#63

Azobenzene

Concen: 40.750 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 726478

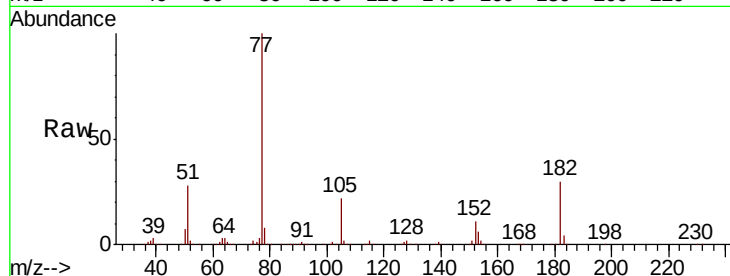
Ion Ratio Lower Upper

77 100

182 30.4 5.7 45.7

105 22.0 1.4 41.4

51 28.2 9.5 49.5

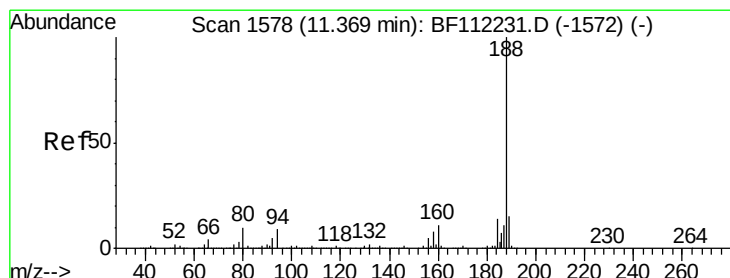
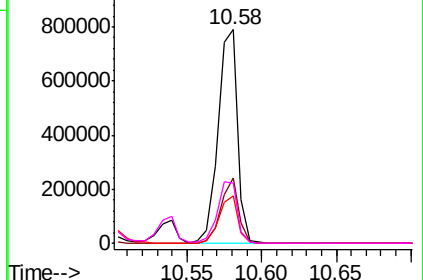
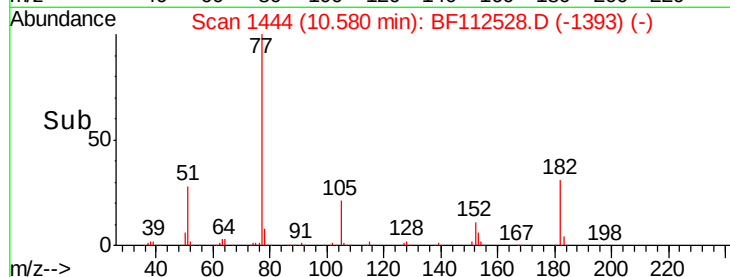


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

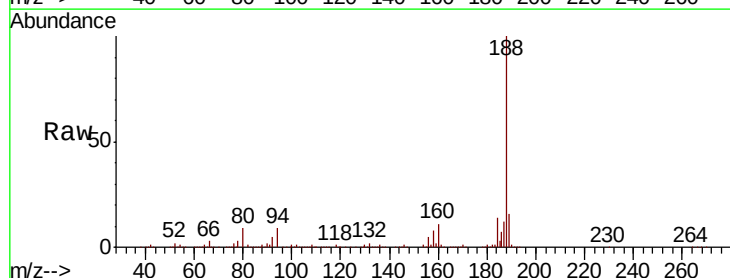
Tgt Ion: 188 Resp: 506761

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

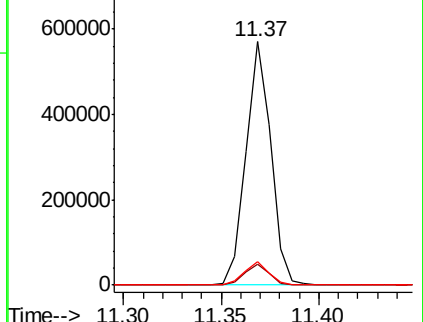
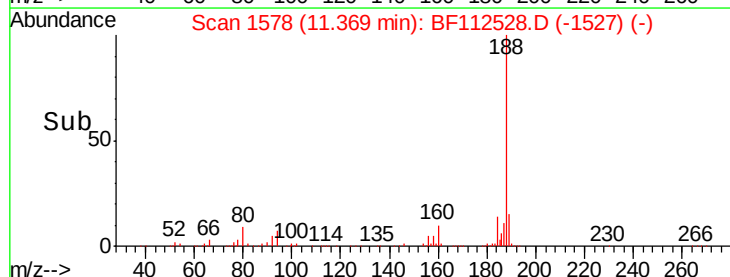
80 9.5 8.9 13.3

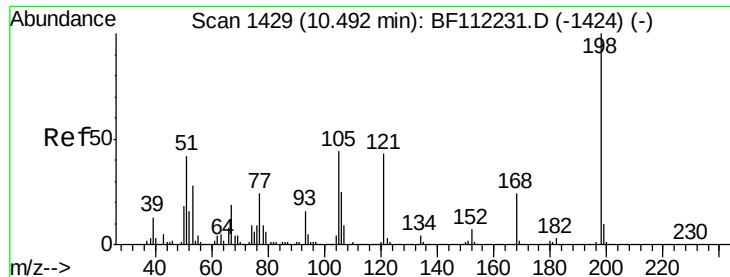


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

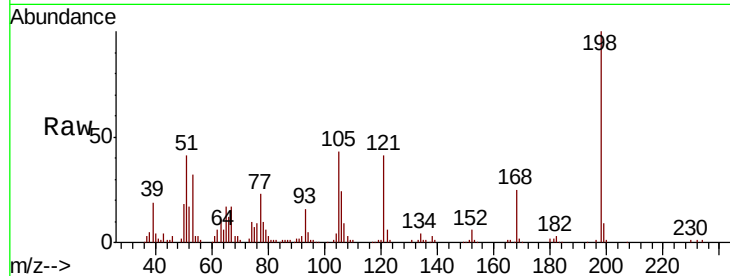




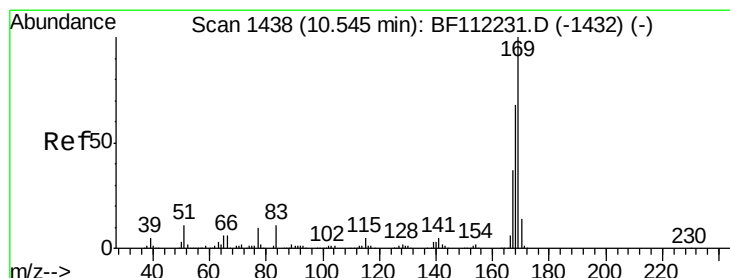
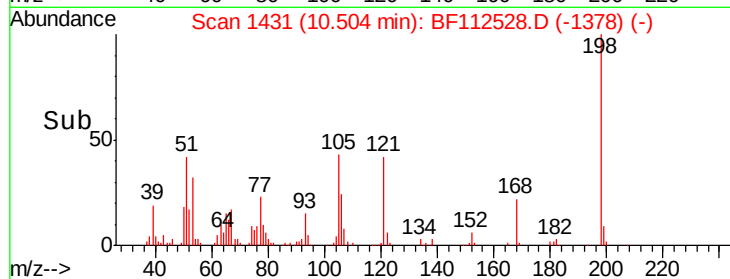
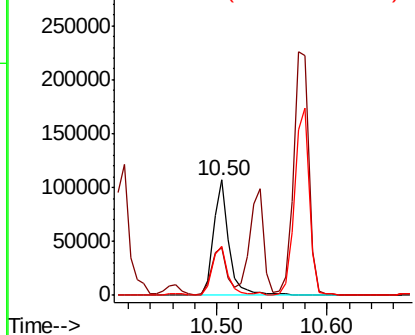
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.998 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 102277
 Ion Ratio Lower Upper
 198 100
 51 41.1 17.2 57.2
 105 42.9 21.9 61.9

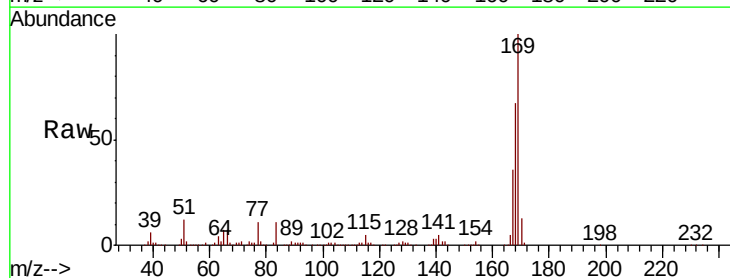


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

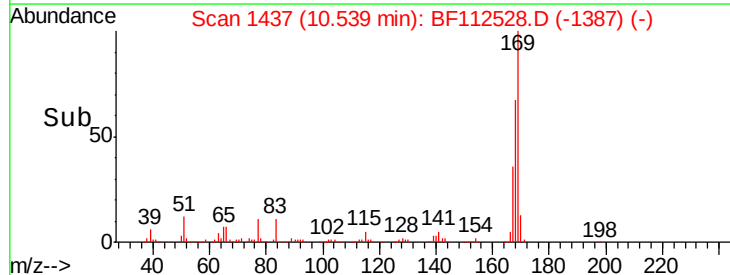
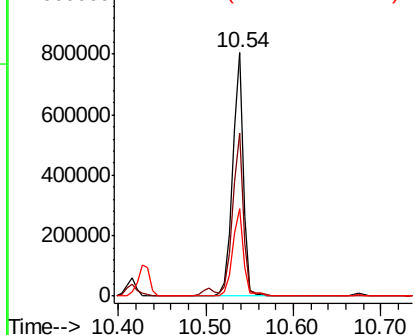


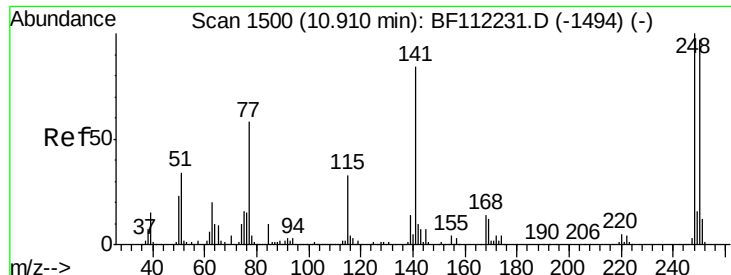
#66
 n-Nitrosodiphenylamine
 Concen: 39.794 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

Tgt Ion:169 Resp: 679661
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.9 80.9
 167 36.1 28.9 43.3



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

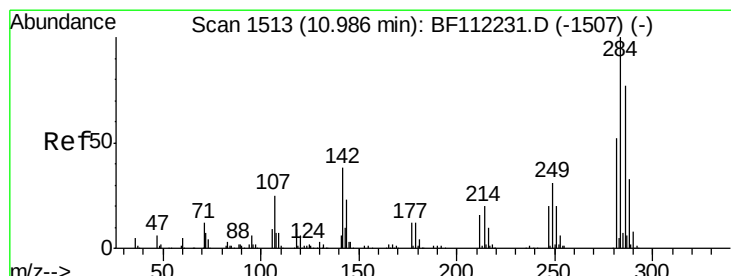
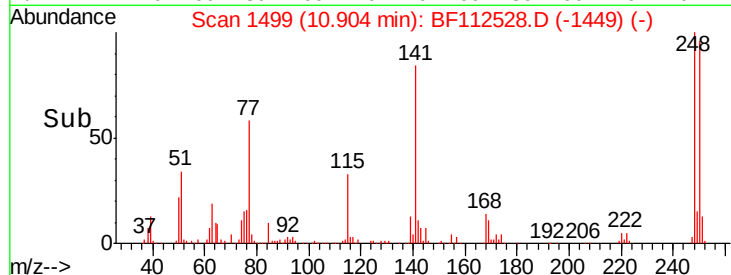
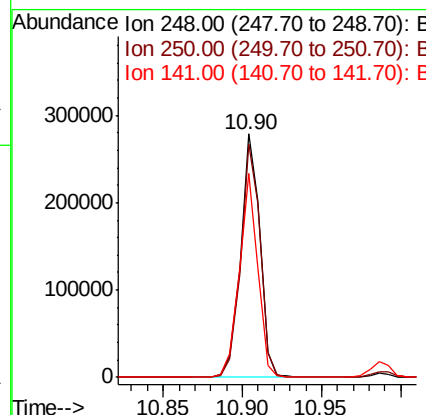
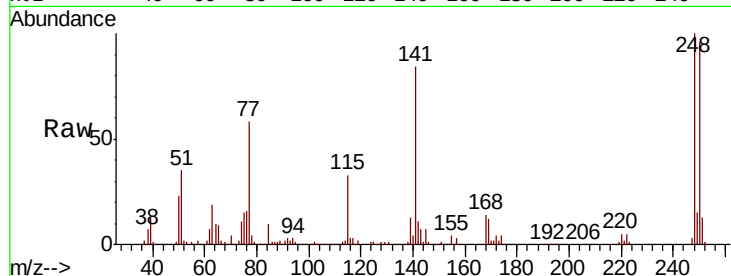




#67
 4-Bromophenyl-phenylether
 Concen: 39.565 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

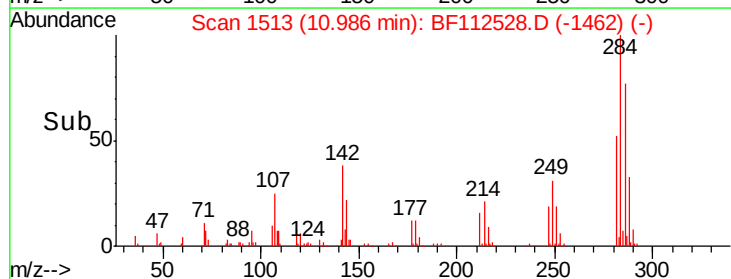
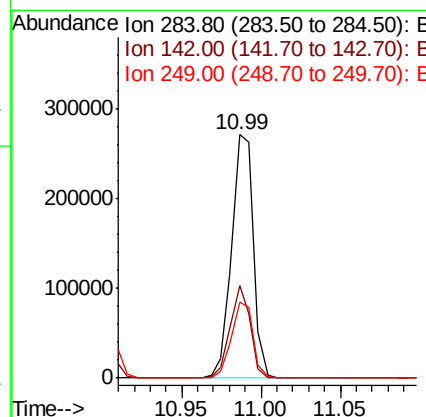
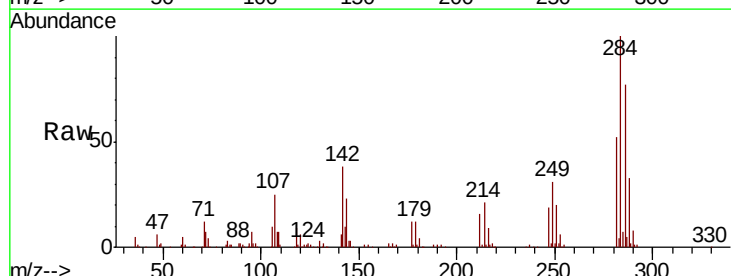
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

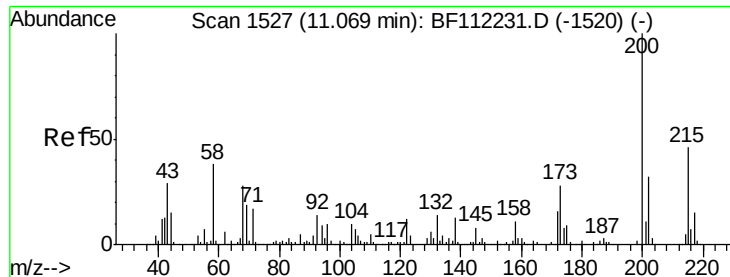
Tot Ion:248	Resp:	235815
Ion Ratio	Lower	Upper
248	100	
250	95.7	79.7 119.5
141	83.9	60.3 90.5



#68
 Hexachlorobenzene
 Concen: 40.443 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF112528.D
 Acq: 13 Feb 2019 10:10

Tgt Ion:284	Resp:	258615
Ion Ratio	Lower	Upper
284	100	
142	38.3	27.6 41.4
249	30.9	24.1 36.1





#69

Atrazine

Concen: 33.912 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

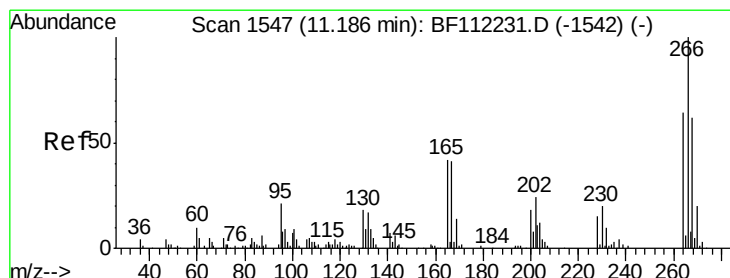
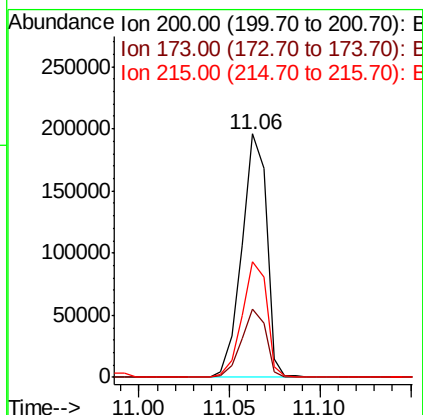
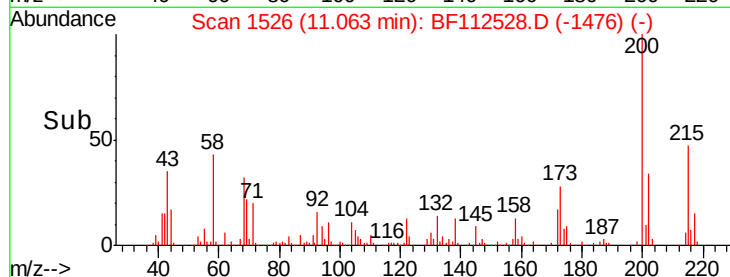
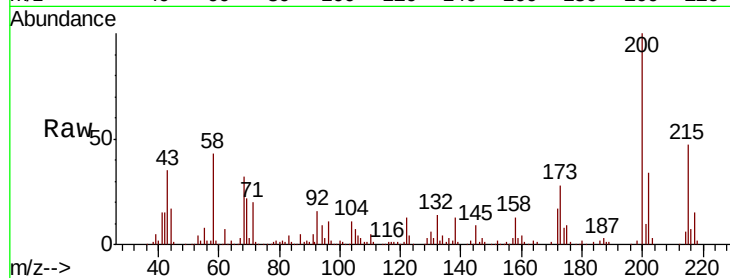
Tot Ion:200 Resp: 186889

Ion Ratio Lower Upper

200 100

173 28.0 7.1 47.1

215 47.3 30.4 70.4



#70

Pentachlorophenol

Concen: 34.251 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

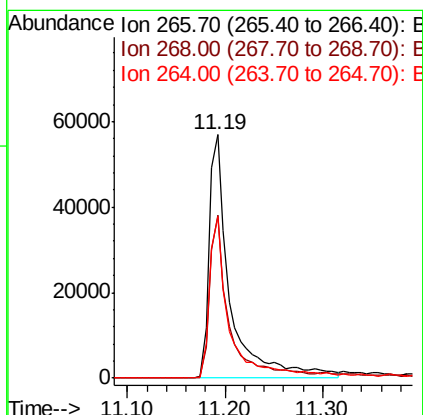
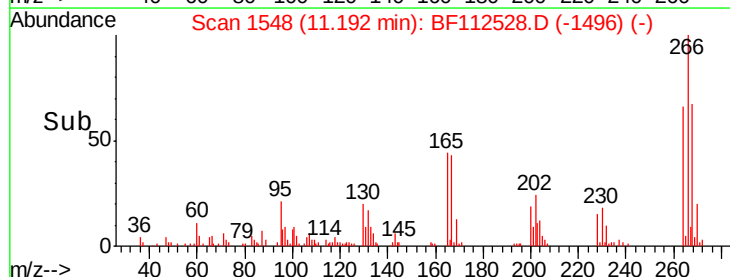
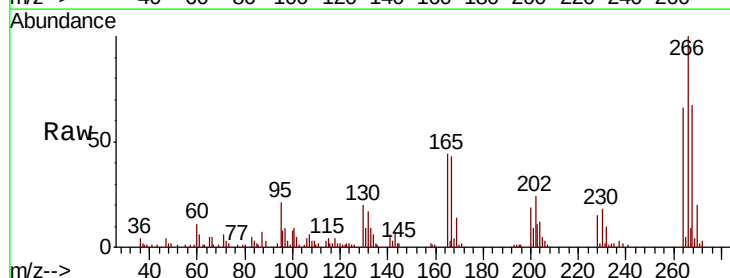
Tgt Ion:266 Resp: 85222

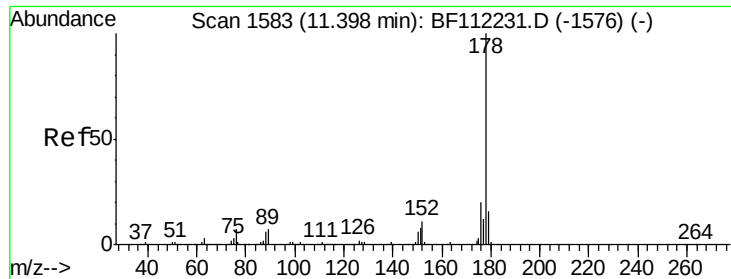
Ion Ratio Lower Upper

266 100

268 67.0 51.2 76.8

264 66.2 50.9 76.3

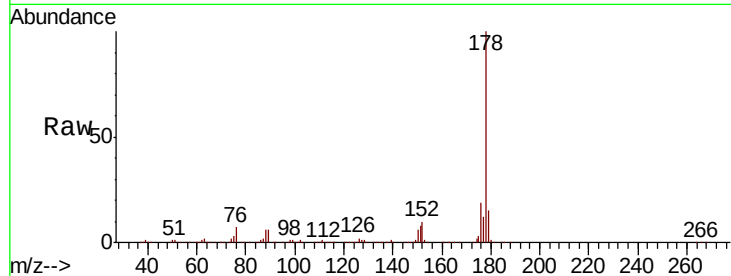




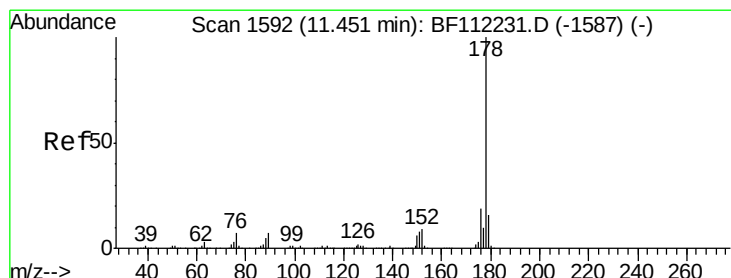
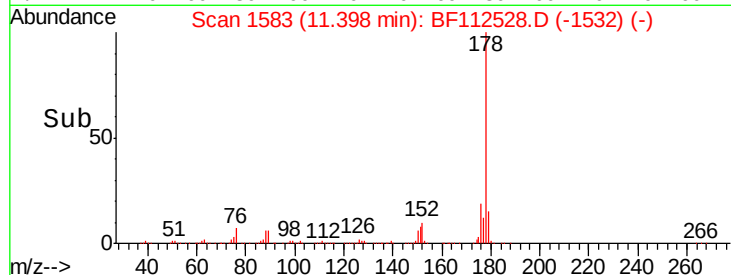
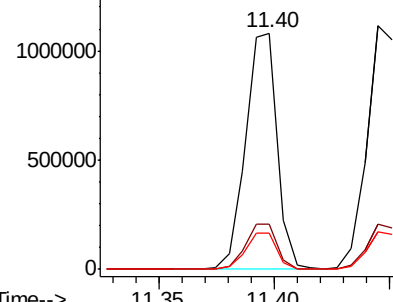
#71
Phenanthrene
Concen: 39.089 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1029825
Ion Ratio Lower Upper
178 100
176 19.4 16.3 24.5
179 15.1 13.0 19.4

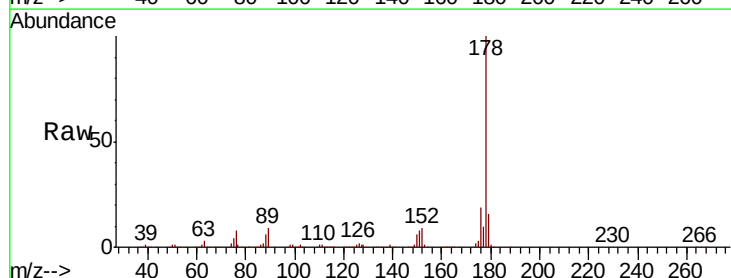


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

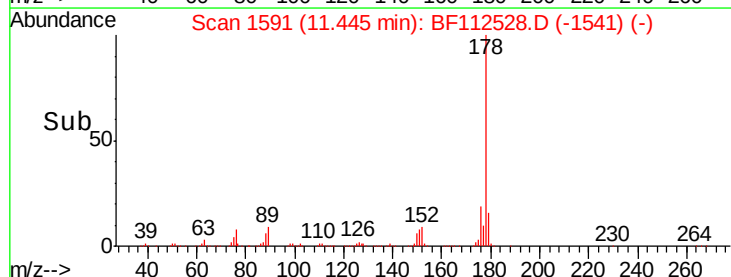
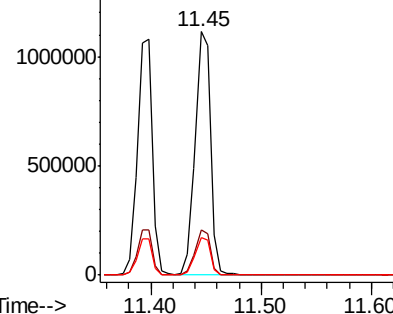


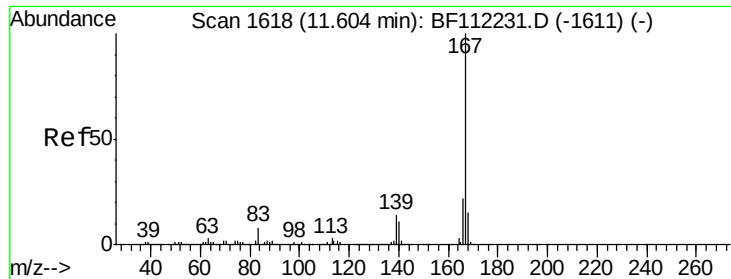
#72
Anthracene
Concen: 40.197 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:178 Resp: 1054907
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.5 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: 39.890 ng

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

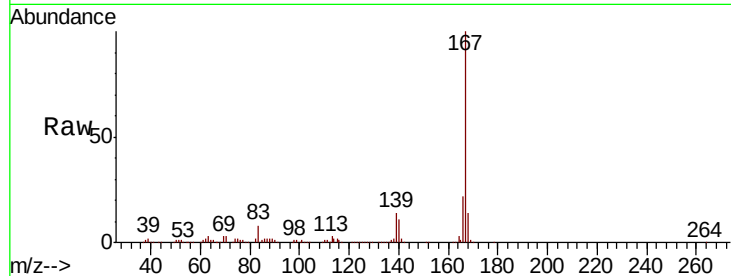
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1032639

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.9	26.9
139	14.0	10.2	15.2

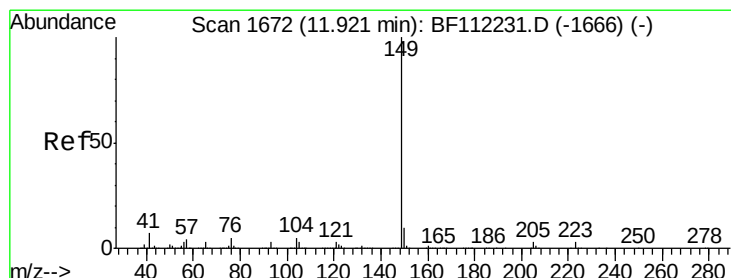
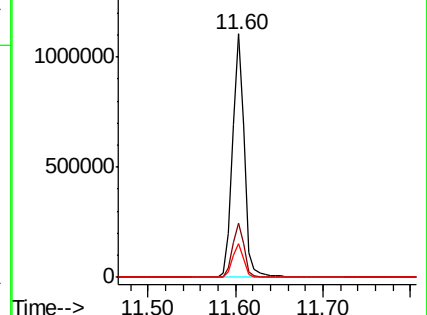
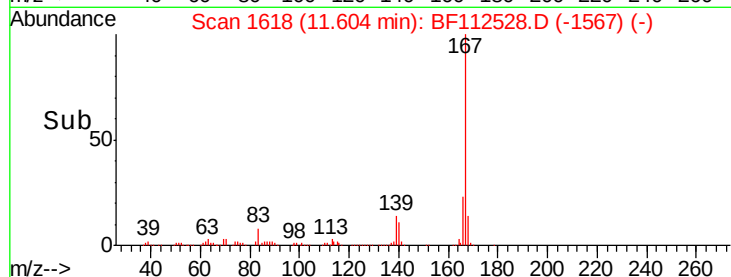


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.568 ng

RT: 11.92 min Scan# 1671

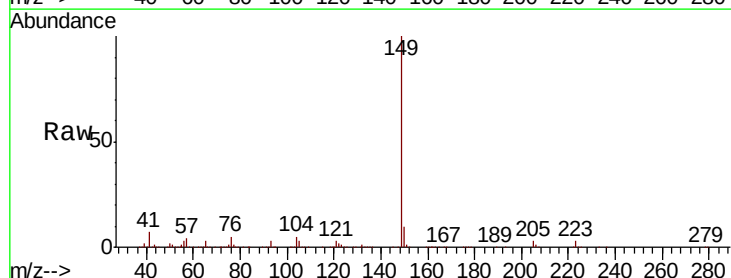
Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Tgt Ion:149 Resp: 1239278

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.1	3.9	5.9

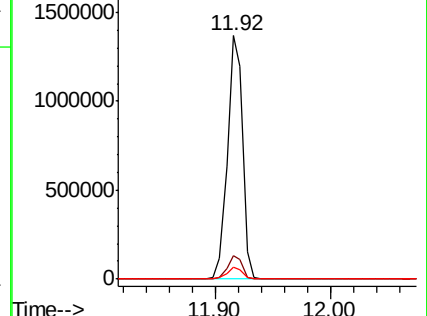
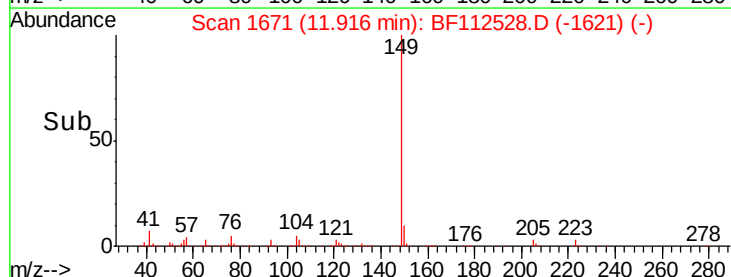


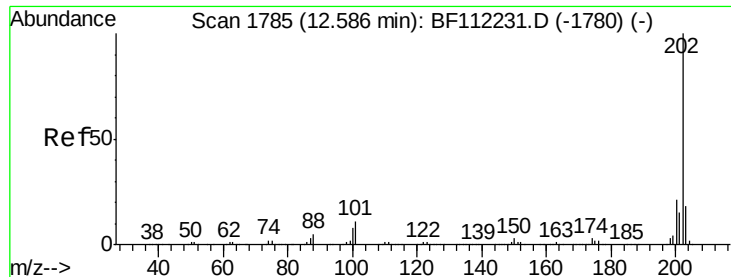
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

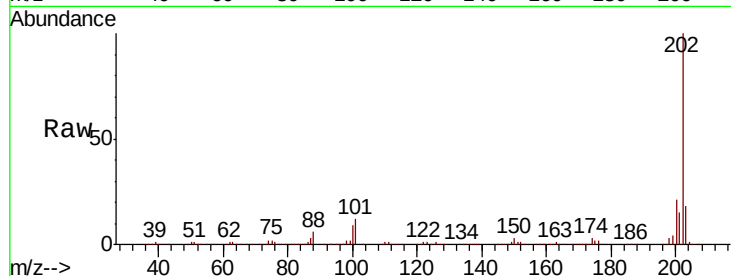




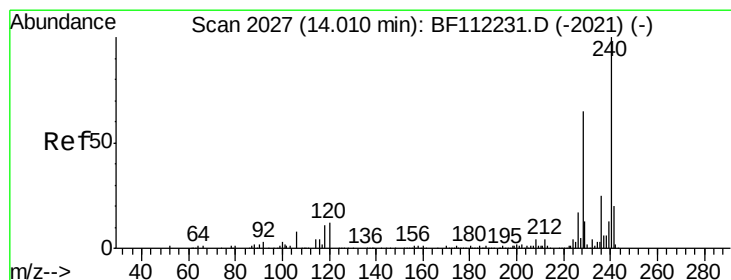
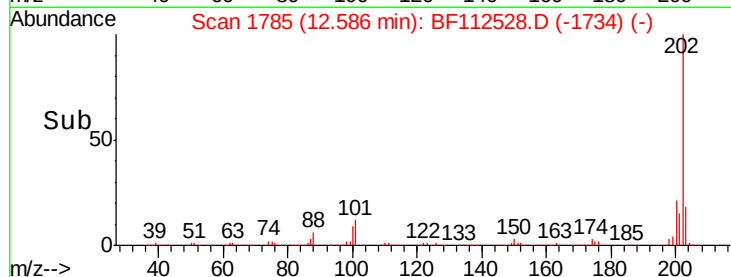
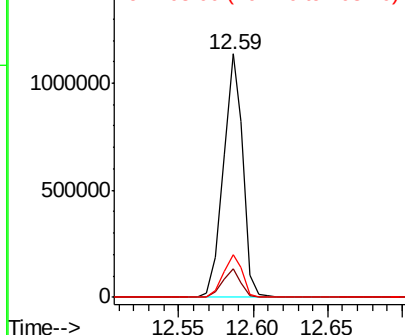
#75
Fluoranthene
Concen: 37.068 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1047456
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.8
203 17.8 0.0 38.4

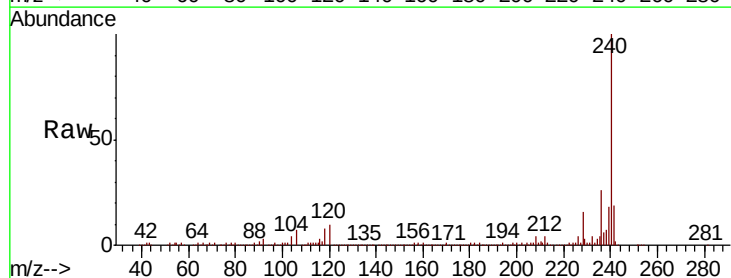


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

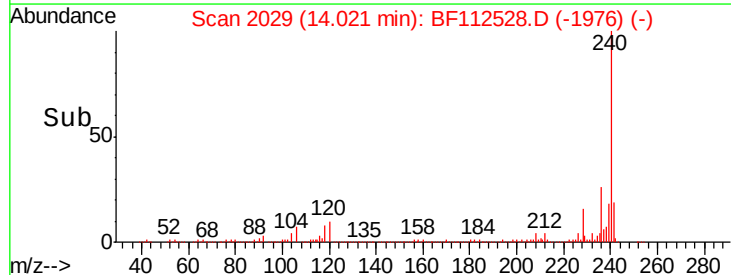
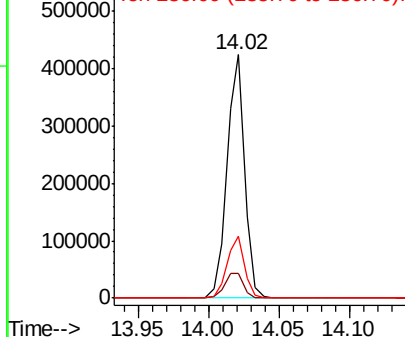


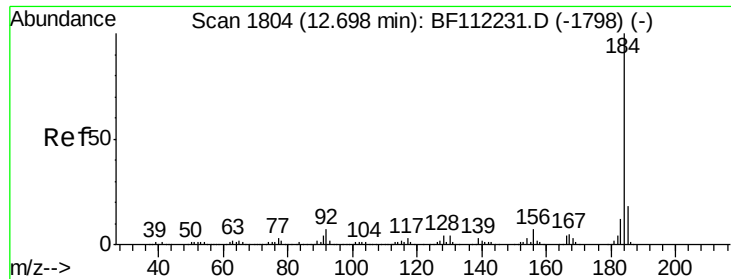
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:240 Resp: 365937
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 25.6 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

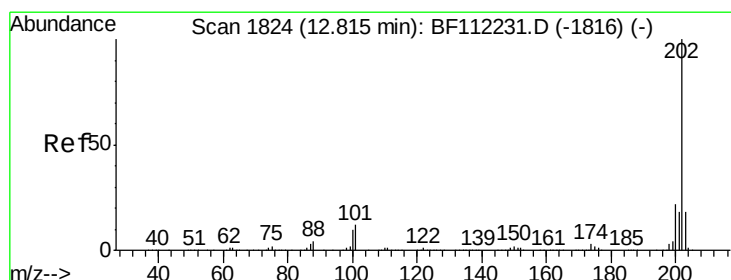
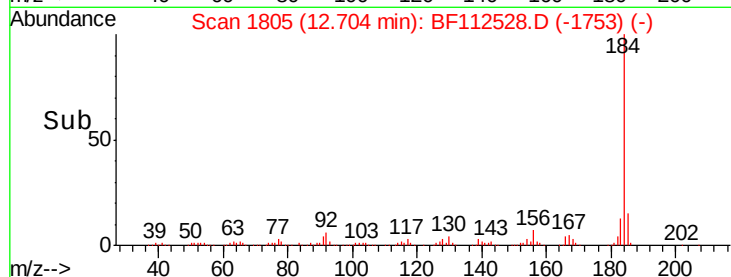
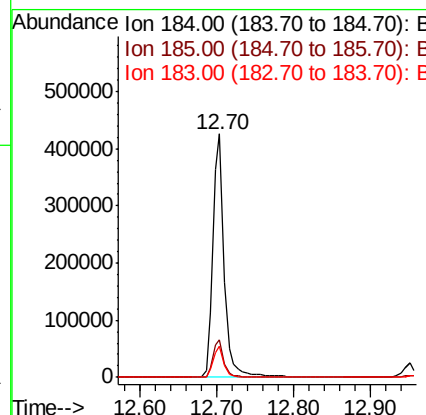
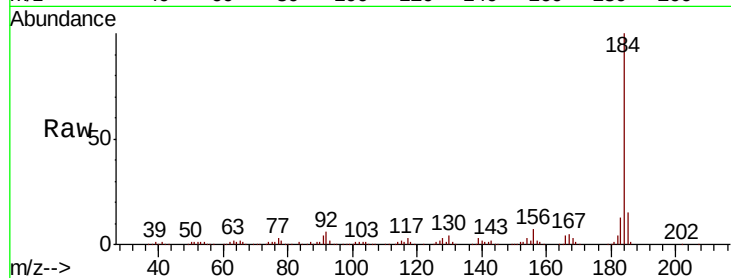




#77
Benzidine
Concen: 43.156 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

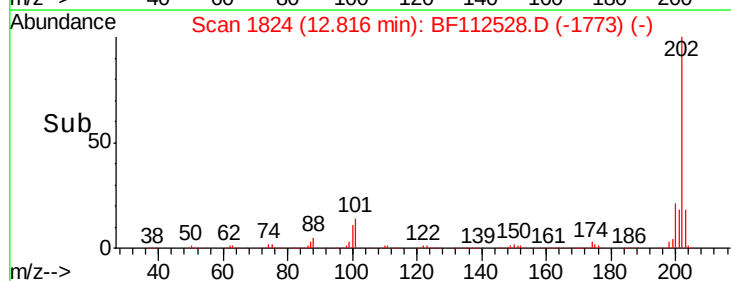
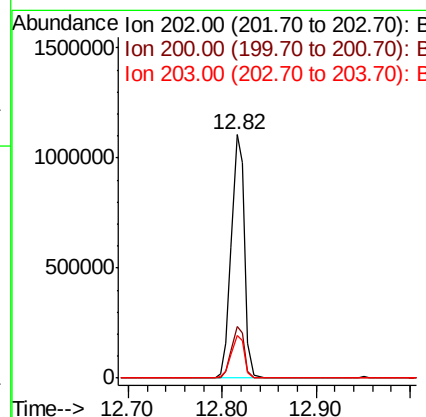
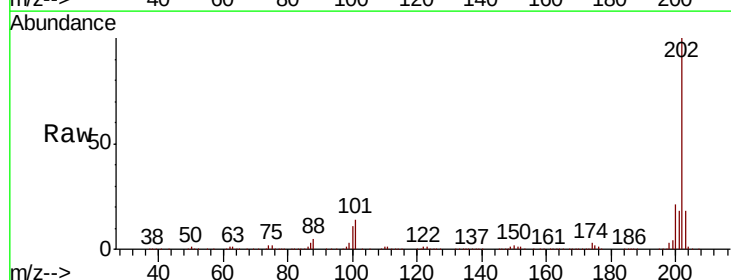
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

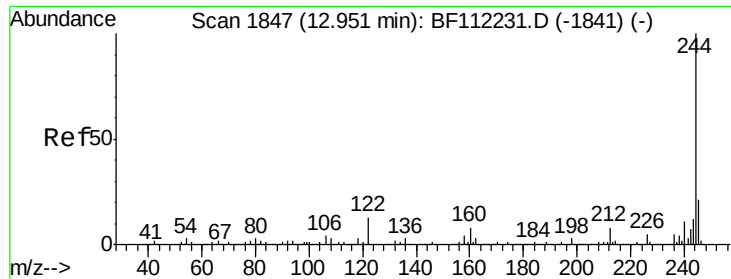
Tot Ion:184 Resp: 434661
Ion Ratio Lower Upper
184 100
185 15.5 13.9 20.9
183 12.9 10.0 15.0



#78
Pyrene
Concen: 42.661 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:202 Resp: 1080828
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.7 14.6 22.0





#79

Terphenyl-d14

Concen: 83.114 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

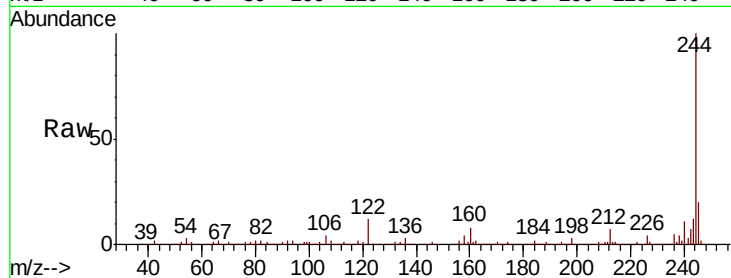
Tot Ion:244 Resp: 1614824

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

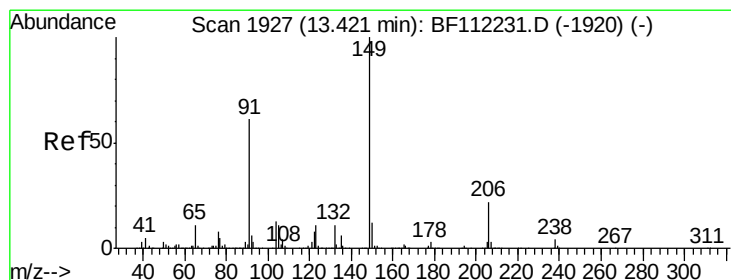
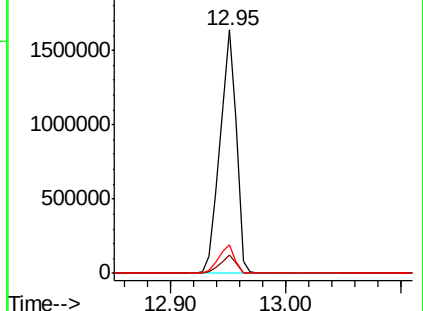
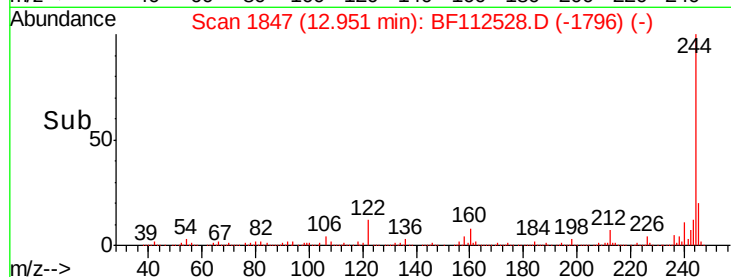
122 11.9 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.178 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

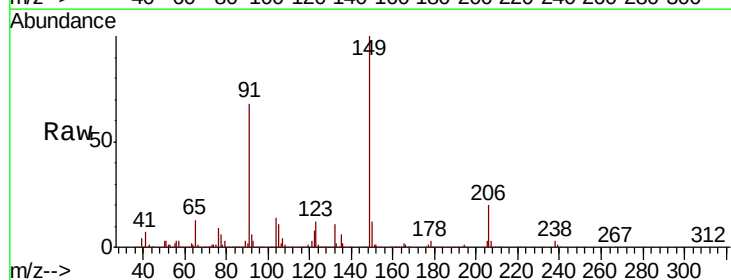
Tgt Ion:149 Resp: 492485

Ion Ratio Lower Upper

149 100

91 68.2 50.3 75.5

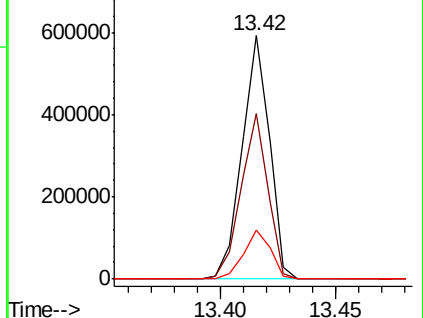
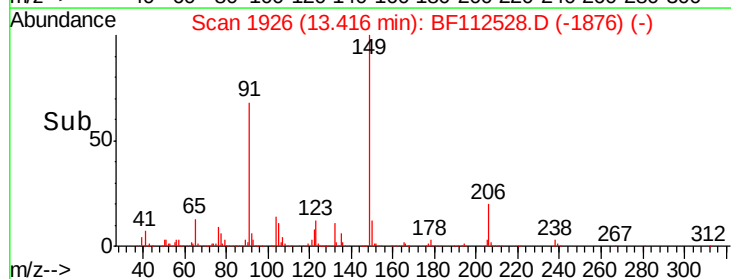
206 19.9 18.2 27.4

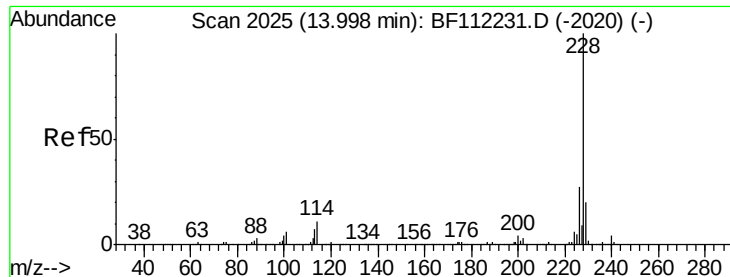


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

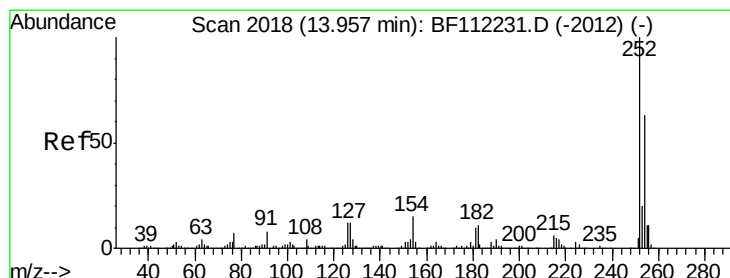
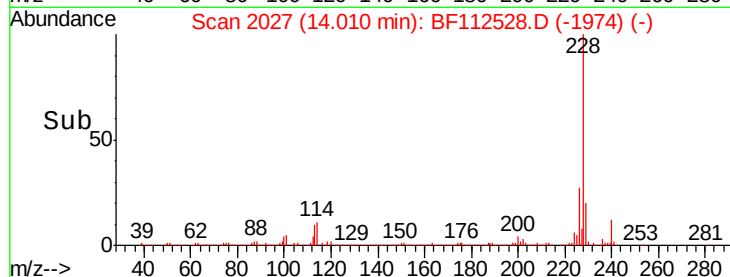
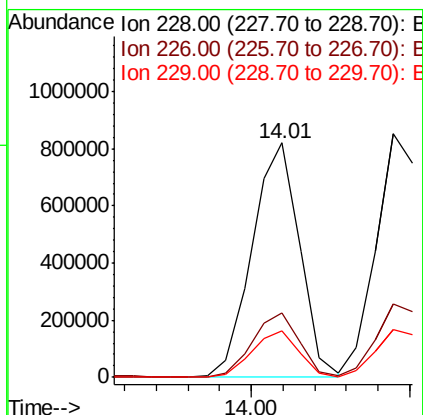
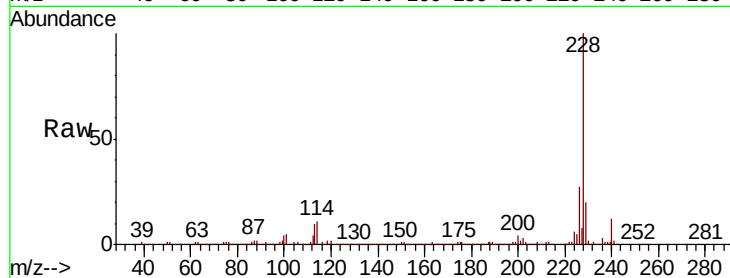




#81
Benzo(a)anthracene
Concen: 39.613 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

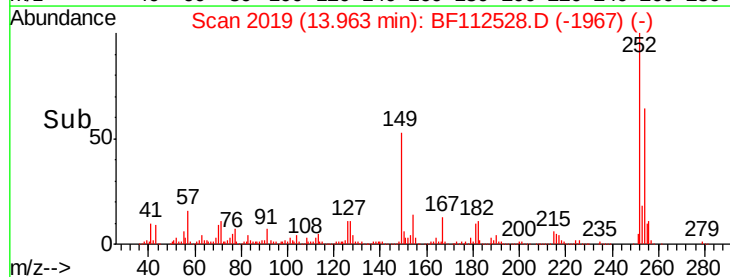
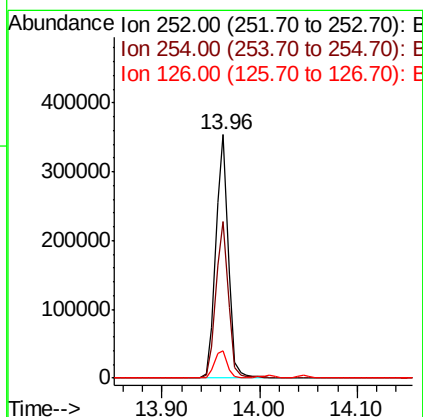
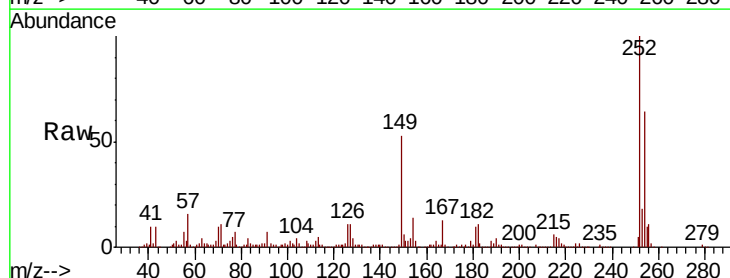
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

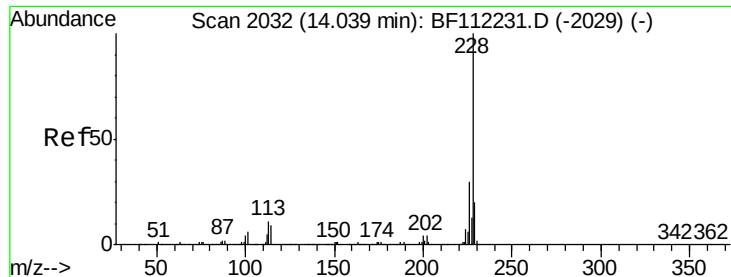
Tot Ion:228 Resp: 852144
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 20.0 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 39.287 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:252 Resp: 316289
Ion Ratio Lower Upper
252 100
254 64.2 51.6 77.4
126 11.4 8.6 12.8





#83

Chrysene

Concen: 39.571 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

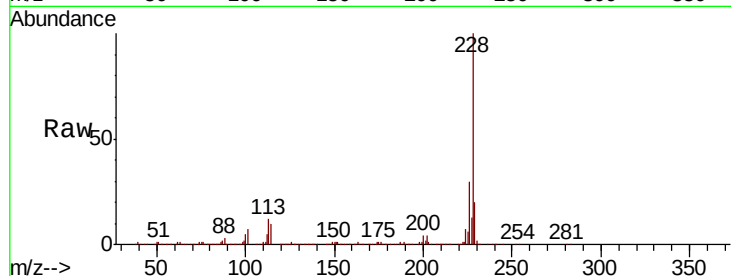
Tot Ion:228 Resp: 812547

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

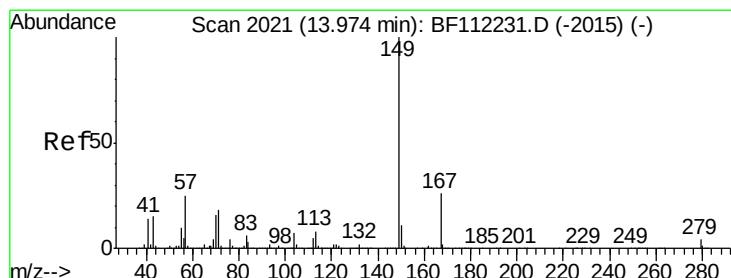
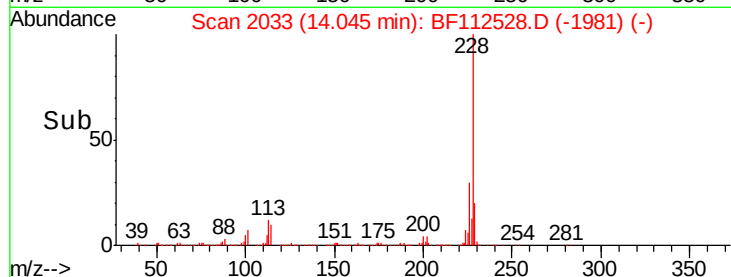
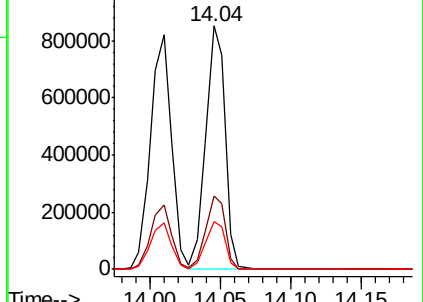
229 19.9 16.6 24.8



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: 37.114 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

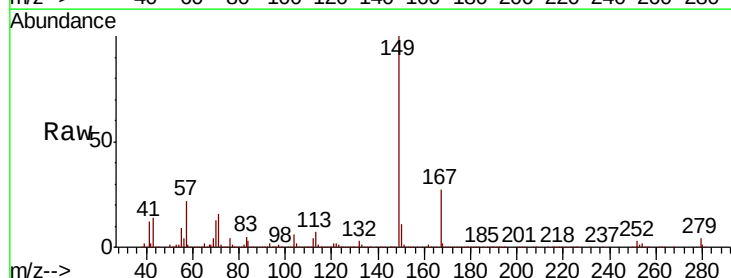
Tgt Ion:149 Resp: 645762

Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

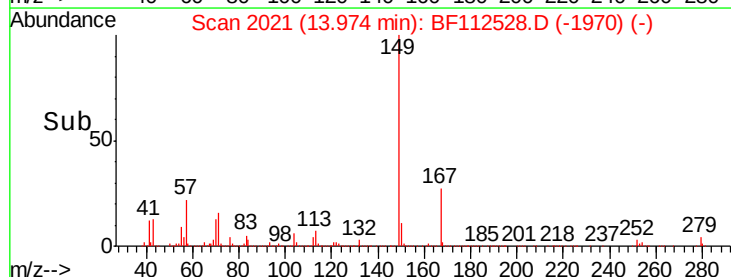
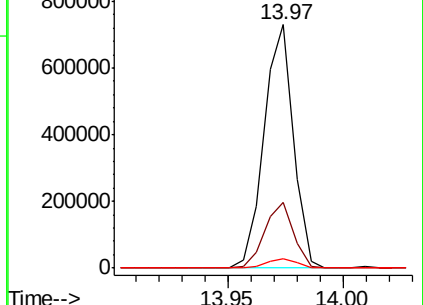
279 4.1 3.8 5.6

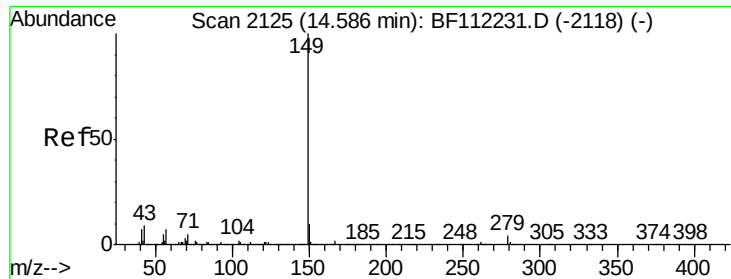


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

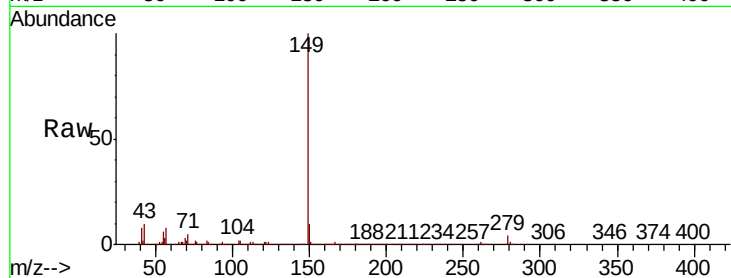




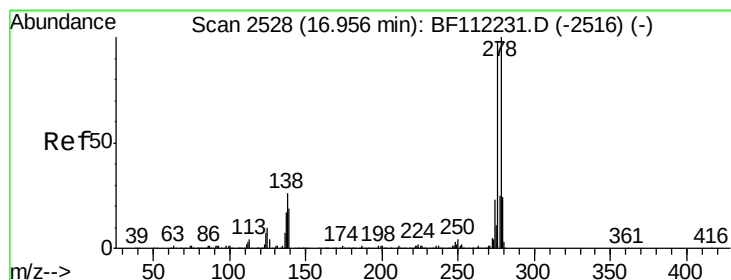
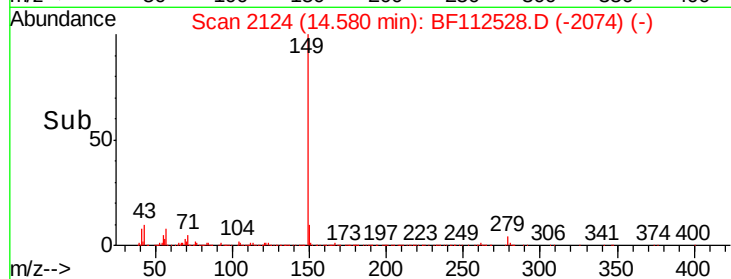
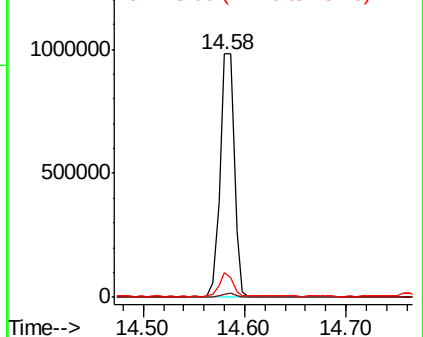
#85
Di-n-octyl phthalate
Concen: 35.666 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 954788
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.8 11.6

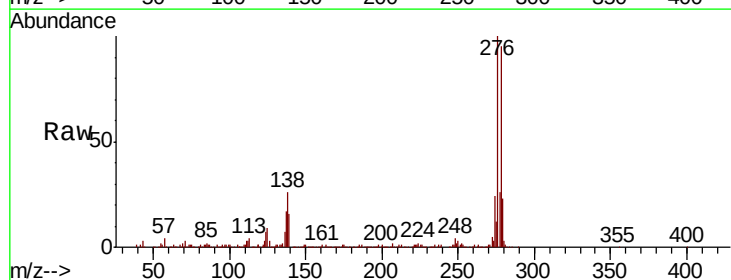


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

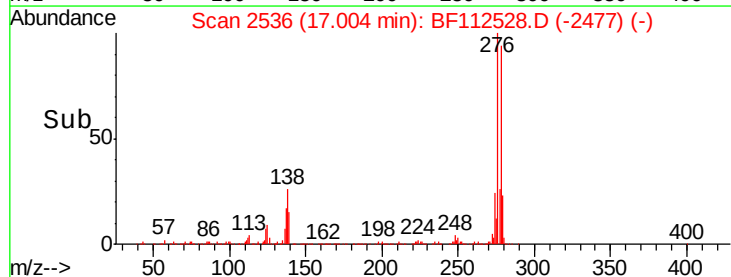
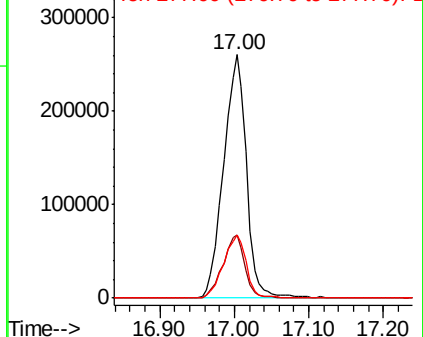


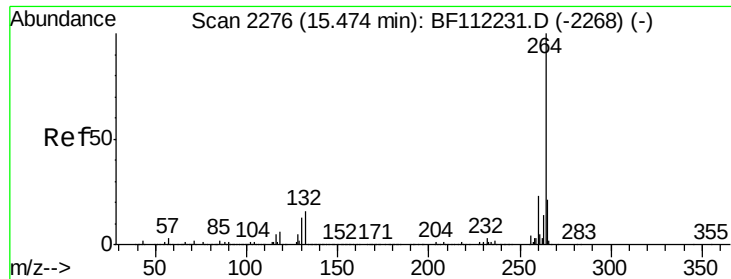
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.199 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.05 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:276 Resp: 556440
Ion Ratio Lower Upper
276 100
138 25.2 22.6 34.0
277 25.6 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



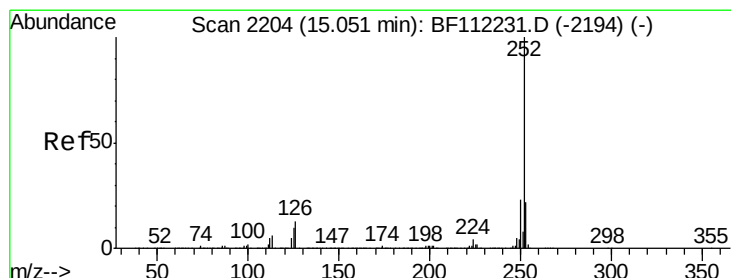
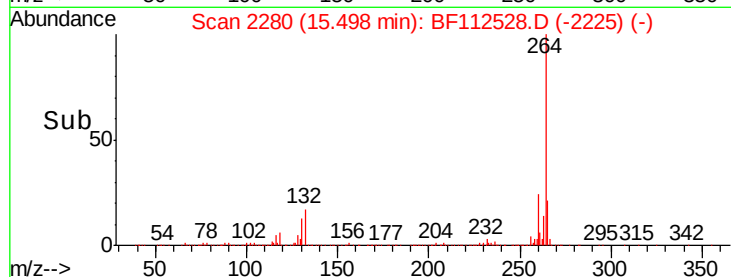
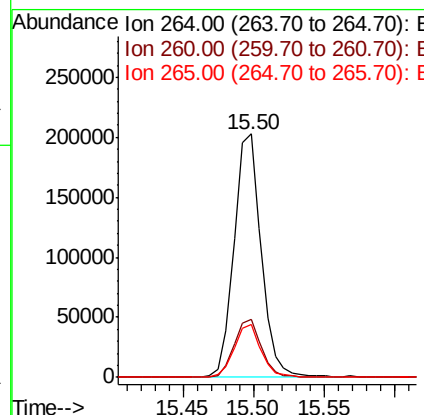
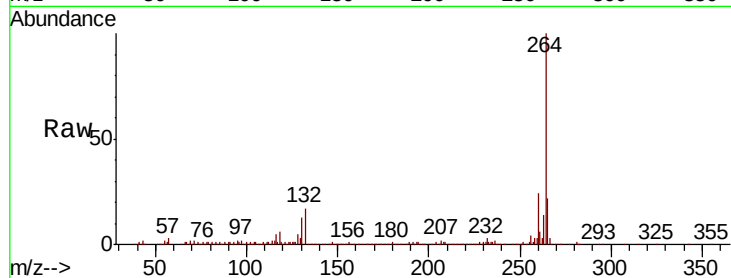


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 273130

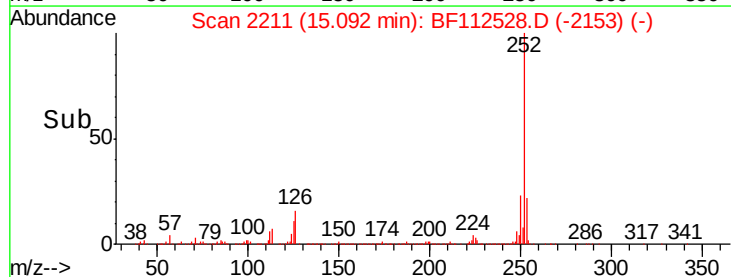
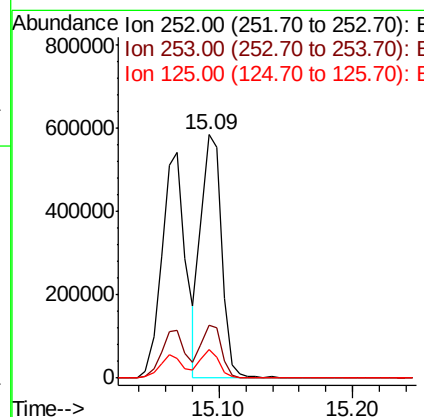
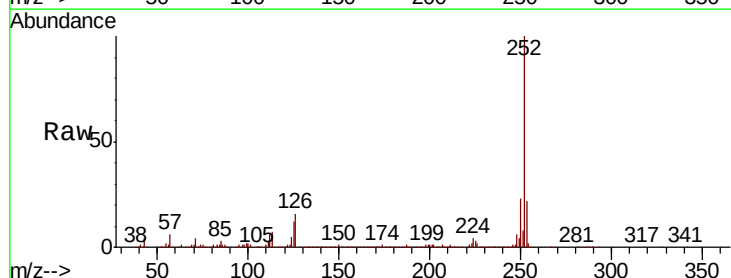
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.6	17.0	25.4

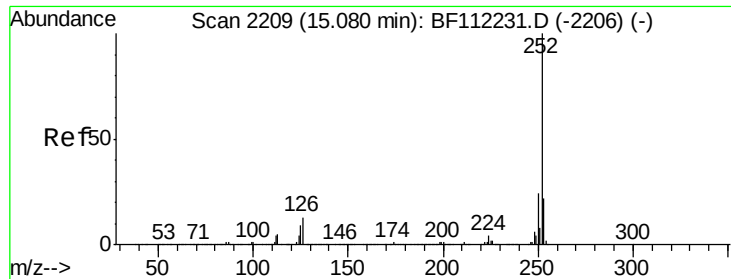


#88
Benzo(b)fluoranthene
Concen: 37.847 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.04 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion:252 Resp: 618218

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.6	8.7	13.1

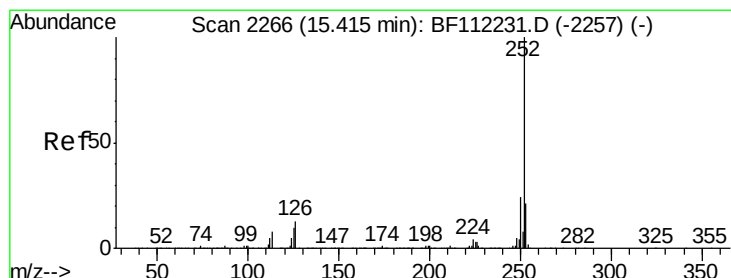
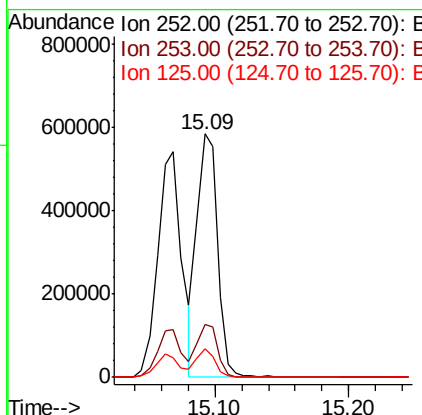
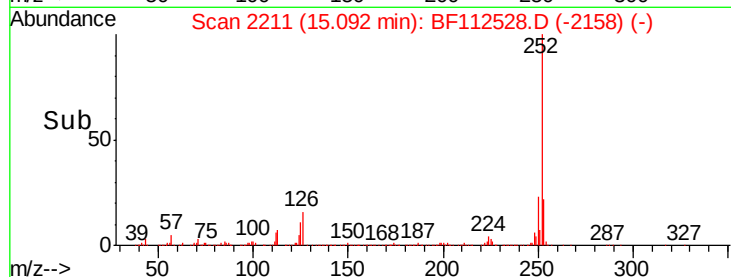
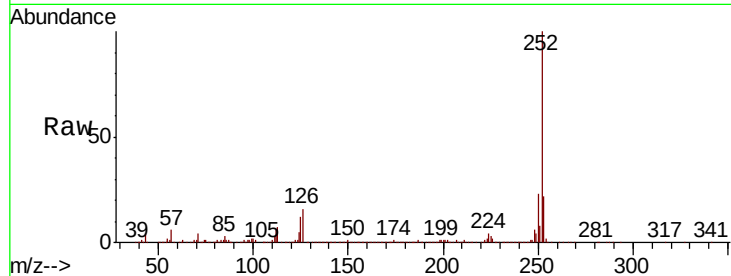




#89
Benzo(k)fluoranthene
Concen: 39.513 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

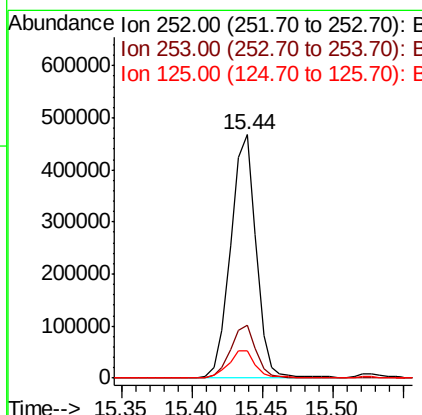
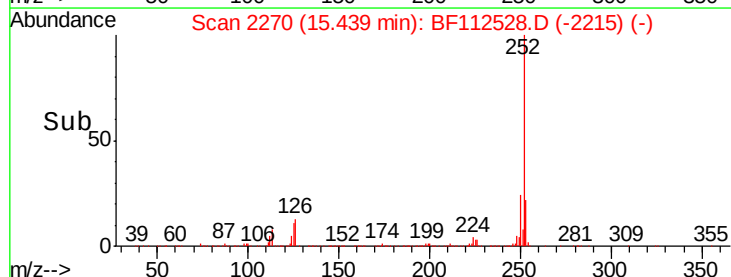
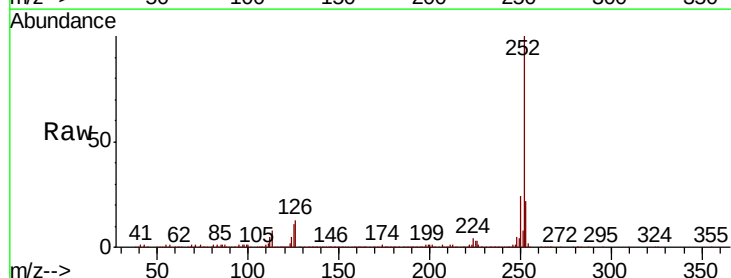
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

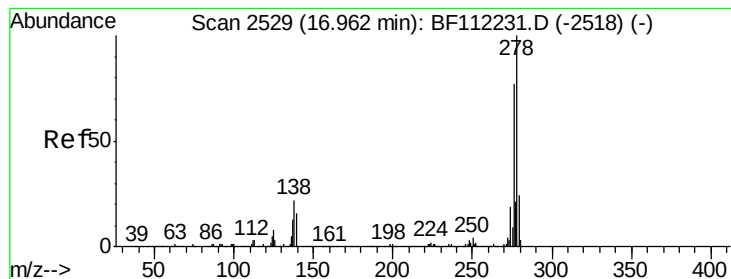
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.6	9.1	13.7



#90
Benzo(a)pyrene
Concen: 40.031 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112528.D
Acq: 13 Feb 2019 10:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.0	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 39.190 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.04 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

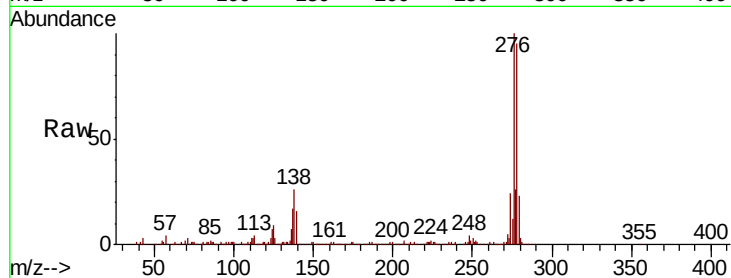
Tot Ion:278 Resp: 464218

Ion Ratio Lower Upper

278 100

139 16.5 13.7 20.5

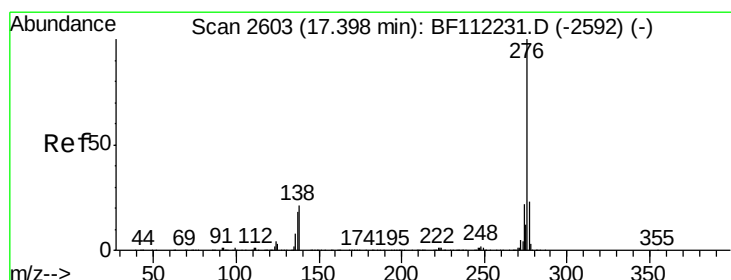
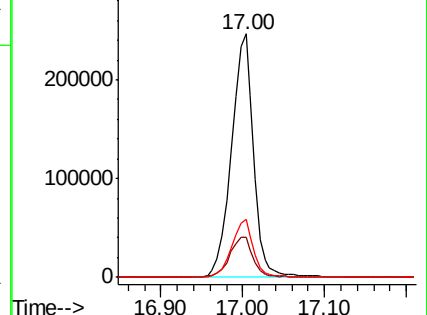
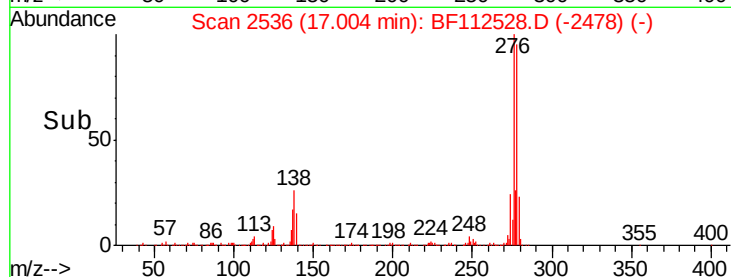
279 23.8 19.0 28.6



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: 40.322 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.05 min

Lab File: BF112528.D

Acq: 13 Feb 2019 10:10

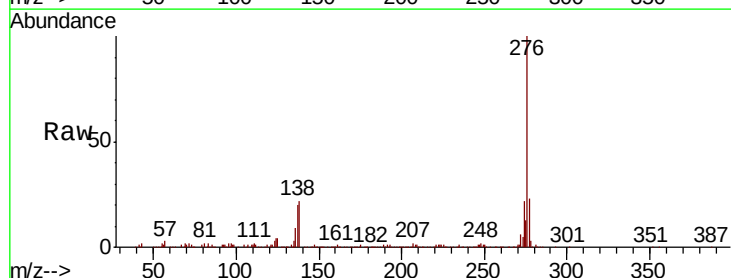
Tgt Ion:276 Resp: 450618

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.0

138 21.8 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

