

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112456.D
 Acq On : 8 Feb 2019 13:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 09 04:55:50 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	6.83	152	123862	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	479010	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241224	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	482440	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	394591	20.00	ng	0.00
87) Perylene-d12	15.47	264	313204	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	565924	97.05	ng	-0.01
7) Phenol-d6	6.49	99	698200	86.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	662257	79.66	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	231617	82.49	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1309228	76.76	ng	-0.01
79) Terphenyl-d14	12.94	244	1553098	74.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	120404	51.832	ng	95
3) Pyridine	3.35	79	284576	48.159	ng	99
4) n-Nitrosodimethylamine	3.29	42	121457	48.923	ng	93
6) Aniline	6.50	93	415669	43.123	ng	# 67
8) 2-Chlorophenol	6.63	128	325549	41.499	ng	97
9) Benzaldehyde	6.39	77	170828	40.335	ng	98
10) Phenol	6.50	94	378840	42.615	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	283905	40.564	ng	98
12) 1,3-Dichlorobenzene	6.77	146	371666	40.682	ng	99
13) 1,4-Dichlorobenzene	6.85	146	376552	40.049	ng	99
14) 1,2-Dichlorobenzene	7.00	146	352622	40.056	ng	95
15) Benzyl Alcohol	6.98	79	271858	39.800	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	347412	38.660	ng	57
17) 2-Methylphenol	7.10	107	244227	39.273	ng	# 89
18) Hexachloroethane	7.35	117	131525	39.835	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	219513	39.288	ng	96
20) 3+4-Methylphenols	7.26	107	329464	41.431	ng	# 66
22) Acetophenone	7.25	105	465676	39.924	ng	93
24) Nitrobenzene	7.42	77	334825	40.328	ng	95
25) Isophorone	7.66	82	506888	38.866	ng	98
26) 2-Nitrophenol	7.74	139	182438	41.117	ng	96
27) 2,4-Dimethylphenol	7.78	122	245288	40.125	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	345577	38.915	ng	99
29) 2,4-Dichlorophenol	7.99	162	279993	40.928	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	312949	39.797	ng	99
31) Naphthalene	8.14	128	891361	39.792	ng	99
32) Benzoic acid	7.92	122	124650	35.746	ng	98
33) 4-Chloroaniline	8.19	127	399659	40.975	ng	99
34) Hexachlorobutadiene	8.26	225	176456	38.240	ng	98
35) Caprolactam	8.57	113	100929	41.821	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	289698	40.002	ng	97
37) 2-Methylnaphthalene	8.83	142	604140	39.396	ng	97
38) 1-Methylnaphthalene	8.93	142	573744	39.035	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	304404	38.434	ng	99

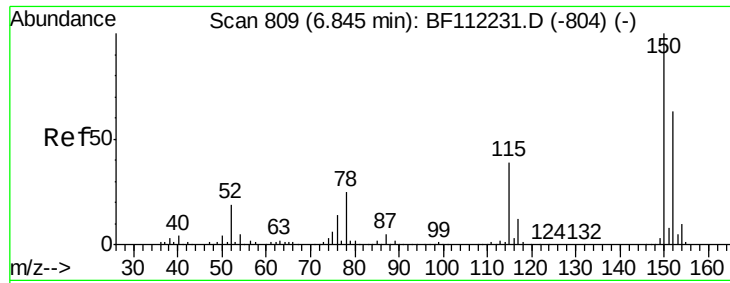
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	79947	32.974	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	190578	39.036	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	198454	38.894	nq	98
46) 1,1'-Biphenyl	9.29	154	821936	38.975	nq	98
47) 2-Chloronaphthalene	9.32	162	637633	38.990	nq	96
48) 2-Nitroaniline	9.42	65	181147	40.640	nq	94
49) Acenaphthylene	9.73	152	951829	39.710	nq	99
50) Dimethylphthalate	9.59	163	723749	38.617	nq	98
51) 2,6-Dinitrotoluene	9.66	165	168588	40.164	nq	94
52) Acenaphthene	9.91	154	565941	39.525	nq	99
53) 3-Nitroaniline	9.83	138	188654	41.486	nq	90
54) 2,4-Dinitrophenol	9.96	184	48965	36.349	nq	95
55) Dibenzofuran	10.08	168	865492	39.554	nq	96
56) 4-Nitrophenol	10.02	139	81260	33.799	nq	94
57) 2,4-Dinitrotoluene	10.07	165	218963	40.976	nq	# 82
58) Fluorene	10.42	166	663153	40.499	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	151528	39.297	nq	92
60) Diethylphthalate	10.29	149	712460	38.306	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	342713	38.476	nq	94
62) 4-Nitroaniline	10.45	138	197305	44.235	nq	94
63) Azobenzene	10.57	77	647730	39.598	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	98323	36.350	nq	87
66) n-Nitrosodiphenylamine	10.53	169	628451	38.651	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	210455	37.090	nq	97
68) Hexachlorobenzene	10.98	284	231913	38.095	nq	95
69) Atrazine	11.06	200	183163	34.912	nq	98
70) Pentachlorophenol	11.18	266	86715	36.608	nq	98
71) Phenanthrene	11.39	178	969732	38.663	nq	99
72) Anthracene	11.44	178	999114	39.990	nq	99
73) Carbazole	11.59	167	1004947	40.777	nq	99
74) Di-n-butylphthalate	11.91	149	1123308	36.721	nq	99
75) Fluoranthene	12.57	202	1036563	38.532	nq	99
77) Benzidine	12.69	184	431866	39.765	nq	98
78) Pyrene	12.80	202	1065869	39.015	nq	99
80) Butylbenzylphthalate	13.41	149	473867	35.851	nq	95
81) Benzo(a)anthracene	14.00	228	908925	39.184	nq	97
82) 3,3'-Dichlorobenzidine	13.95	252	338986	39.049	nq	99
83) Chrysene	14.03	228	860385	38.858	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	630135	33.586	nq	98
85) Di-n-octyl phthalate	14.57	149	964379	33.409	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	616504	35.139	nq	98
88) Benzo(b)fluoranthene	15.05	252	746250	39.840	nq	98
89) Benzo(k)fluoranthene	15.08	252	716580	39.939	nq	97
90) Benzo(a)pyrene	15.42	252	672859	39.923	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	516549	38.028	nq	99
92) Benzo(g,h,i)perylene	17.41	276	499347	38.965	nq	97

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

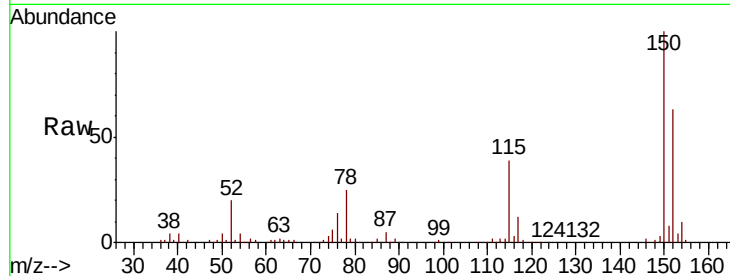


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.4	191.0
115	61.3	45.5	68.3

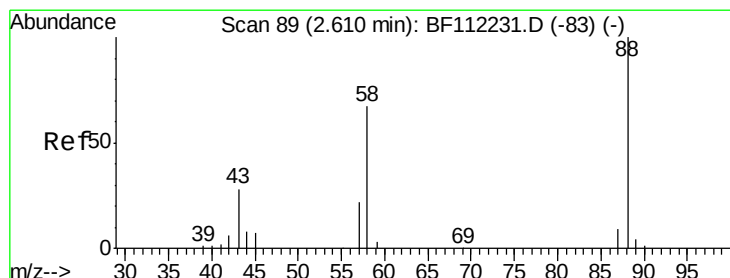
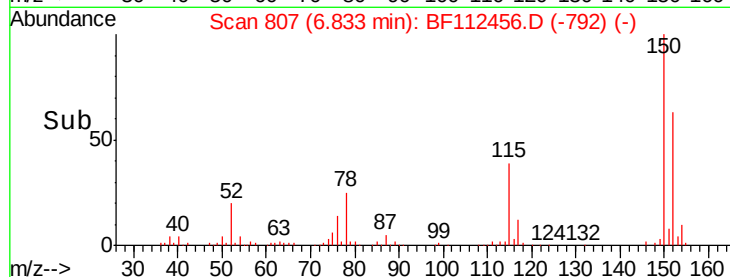
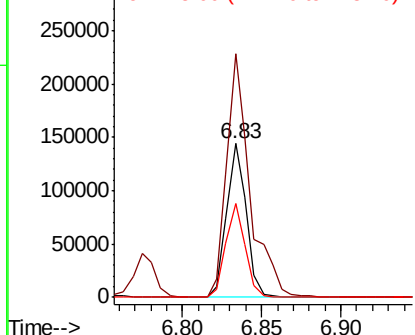


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

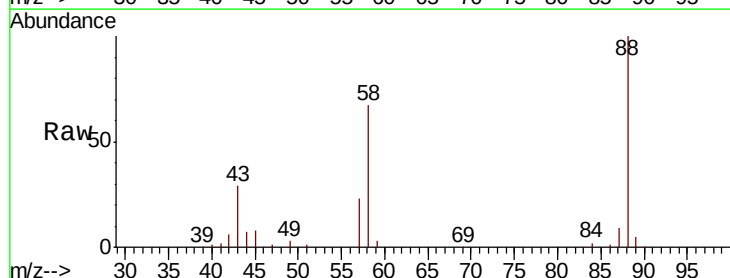
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 51.832 ng
 RT: 2.58 min Scan# 84
 Delta R.T. -0.03 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	57.4	86.2
43	29.3	22.2	33.4

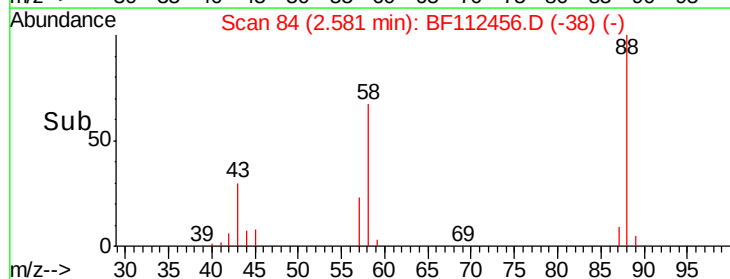
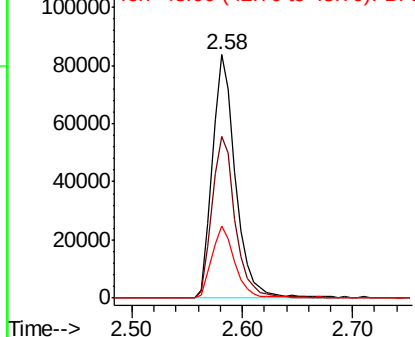


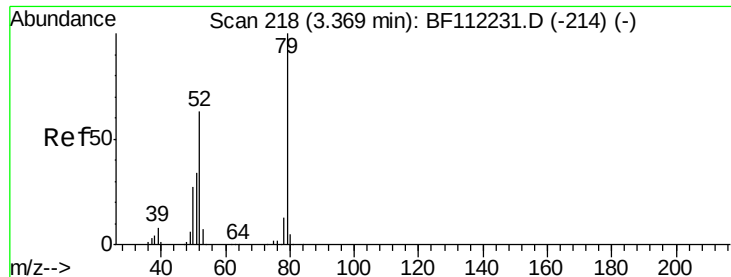
Abundance

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: 48.159 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

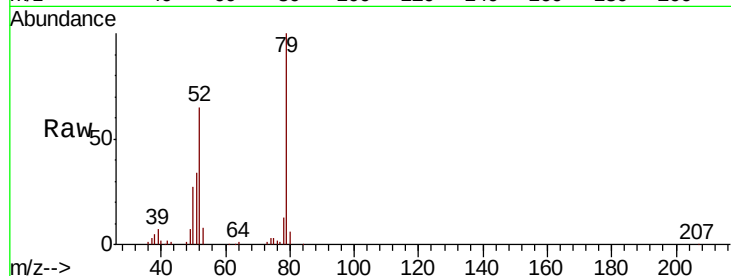
Tot Ion: 79 Resp: 284576

Ion Ratio Lower Upper

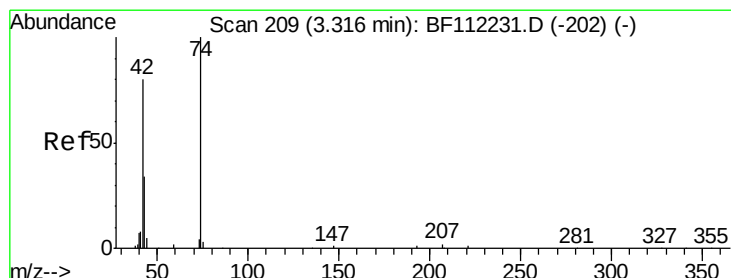
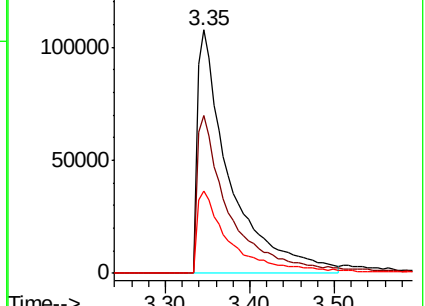
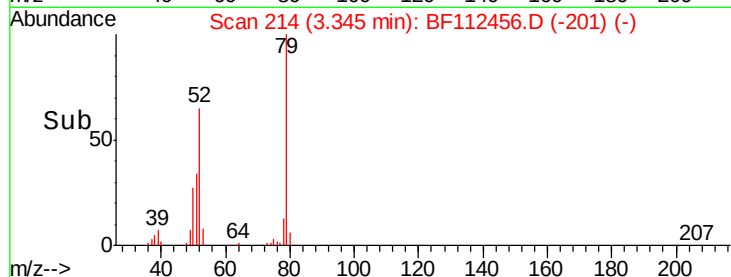
79 100

52 64.9 52.4 78.6

51 33.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.923 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.02 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

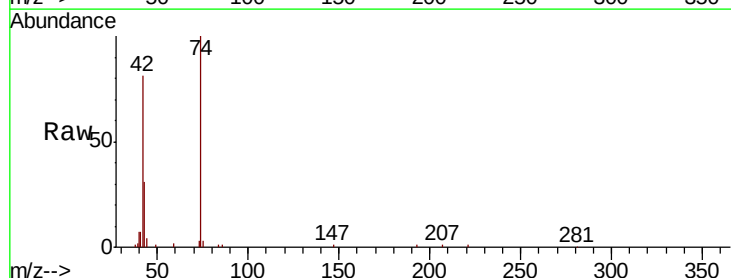
Tgt Ion: 42 Resp: 121457

Ion Ratio Lower Upper

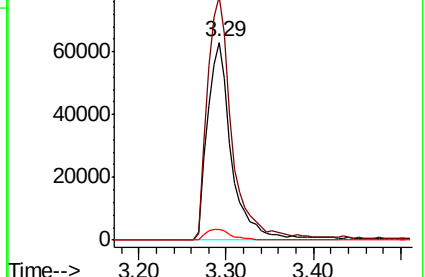
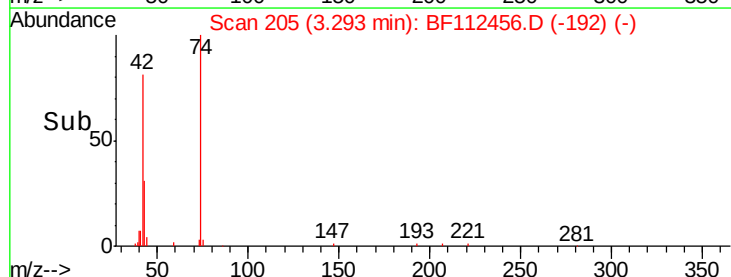
42 100

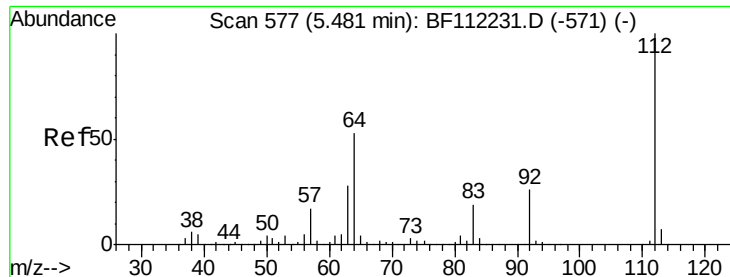
74 123.1 105.6 158.4

44 5.5 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.048 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

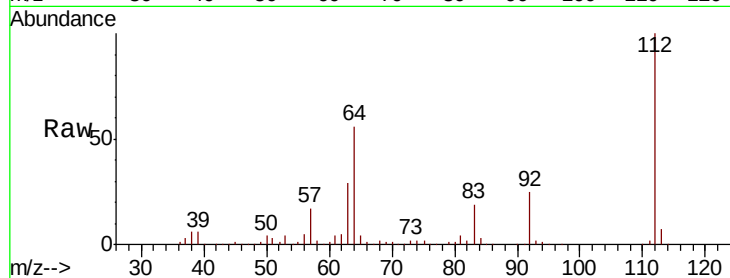
Tot Ion:112 Resp: 565924

Ion Ratio Lower Upper

112 100

64 55.5 45.7 68.5

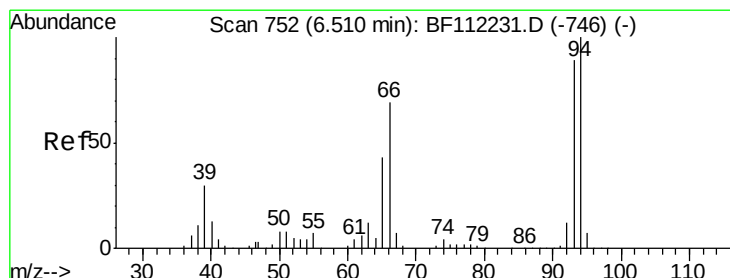
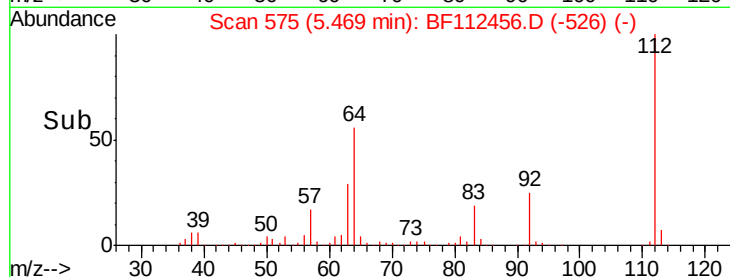
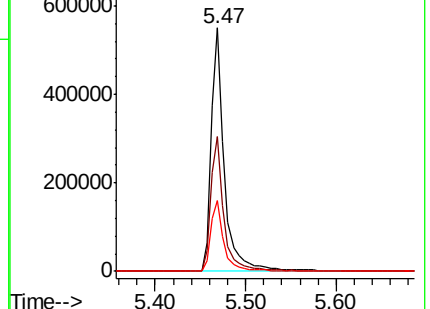
63 29.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.123 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

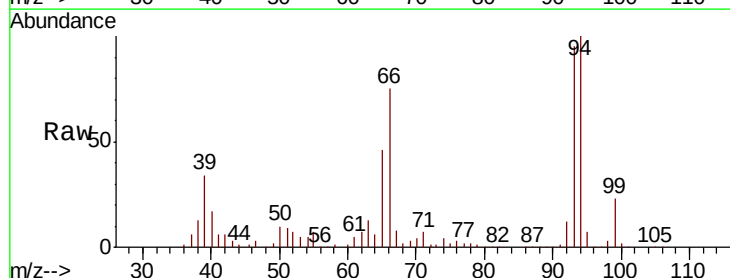
Tgt Ion: 93 Resp: 415669

Ion Ratio Lower Upper

93 100

66 79.0 43.4 65.2#

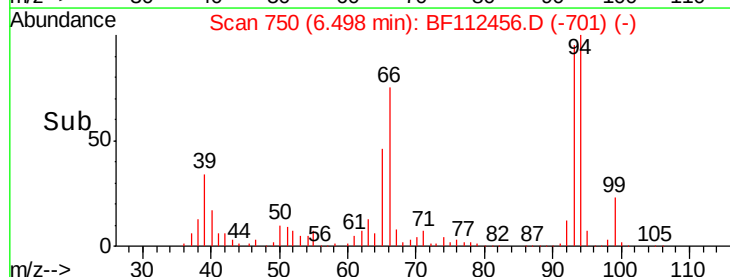
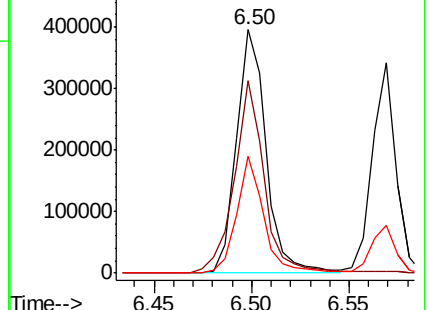
65 48.0 25.3 37.9#

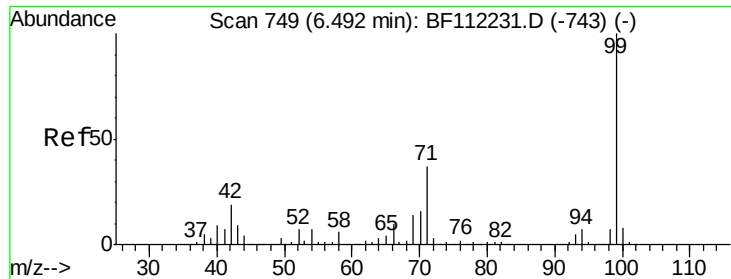


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.166 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

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ClientSampleId :

SSTDCCC040

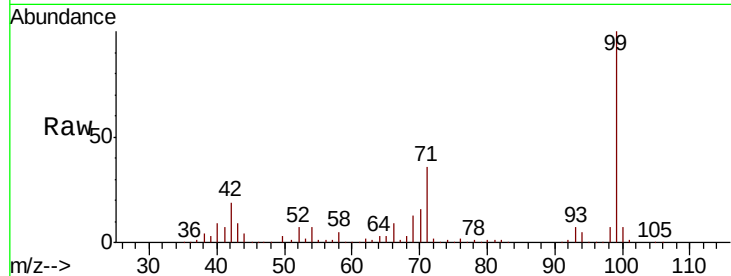
Tot Ion: 99 Resp: 698200

Ion Ratio Lower Upper

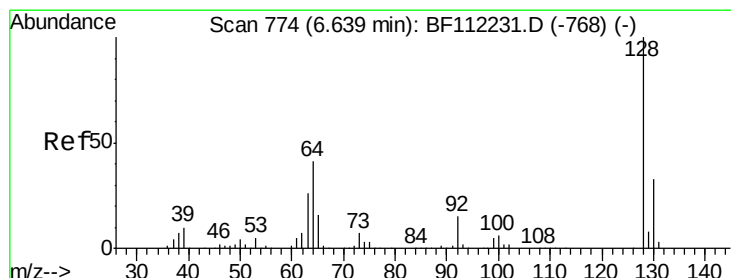
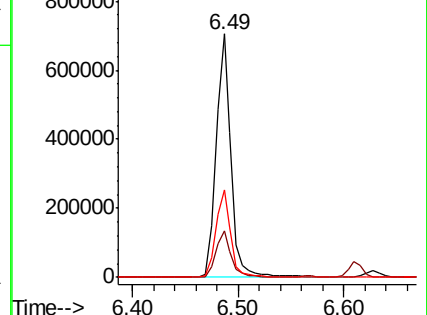
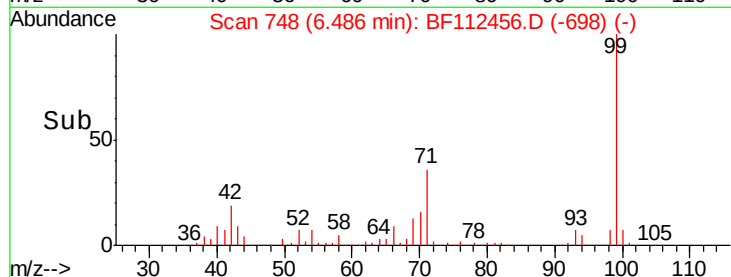
99 100

42 18.9 15.1 22.7

71 35.9 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: 41.499 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

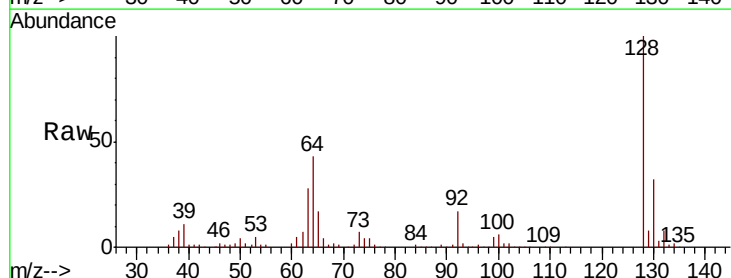
Tgt Ion: 128 Resp: 325549

Ion Ratio Lower Upper

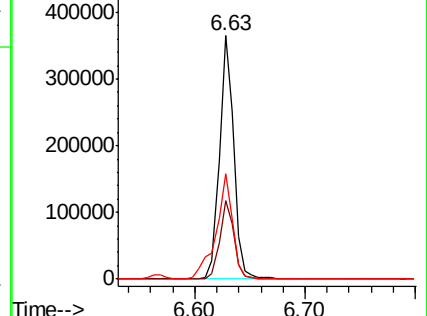
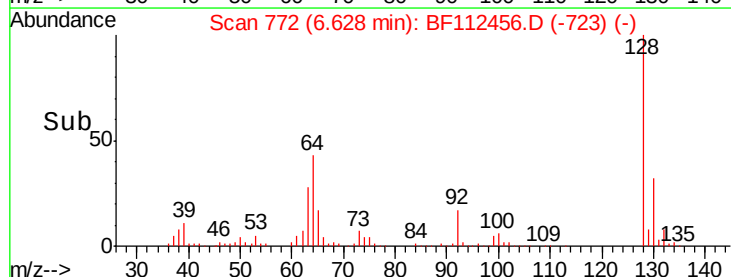
128 100

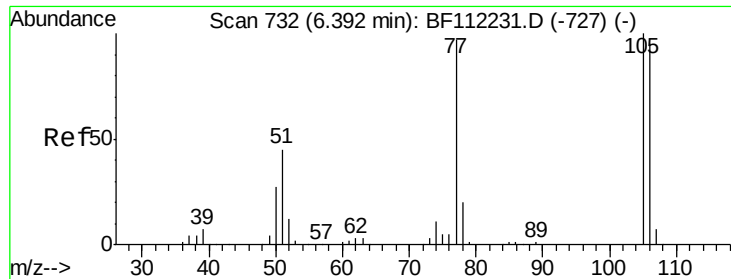
130 32.4 13.4 53.4

64 43.4 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: 40.335 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

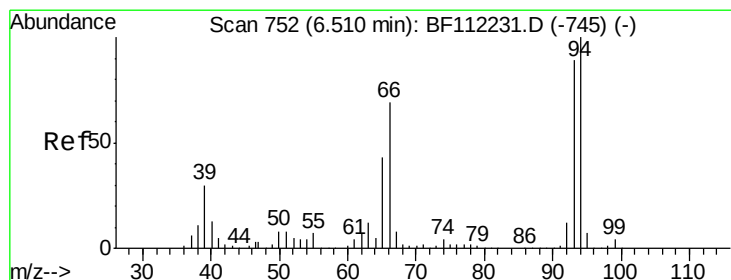
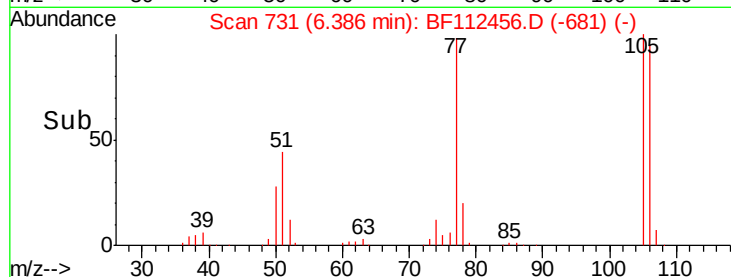
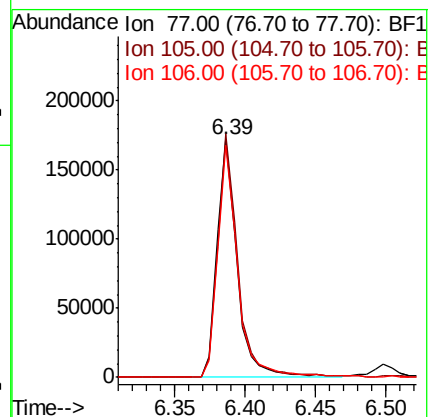
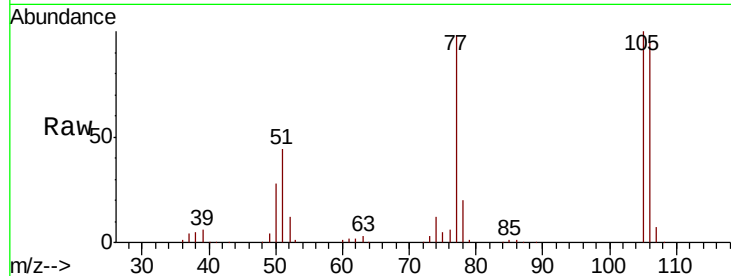
Tot Ion: 77 Resp: 170828

Ion Ratio Lower Upper

77 100

105 102.3 80.8 120.8

106 97.4 75.7 115.7



#10

Phenol

Concen: 42.615 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

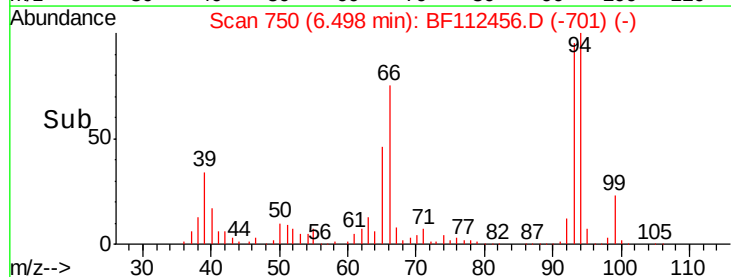
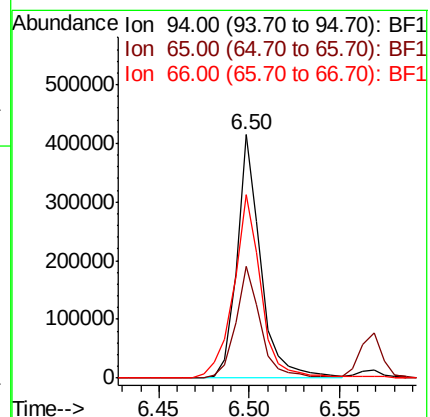
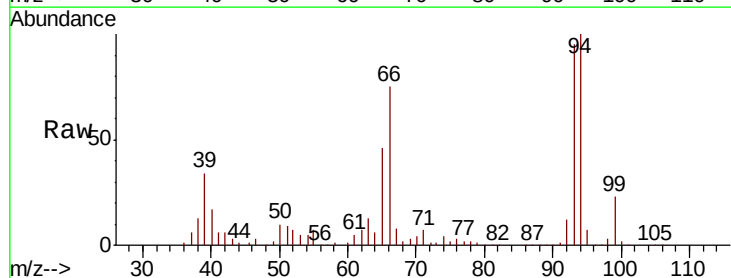
Tgt Ion: 94 Resp: 378840

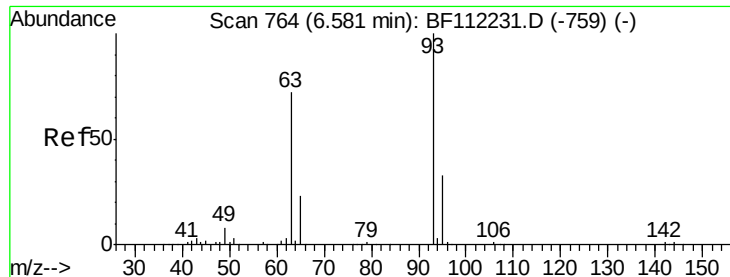
Ion Ratio Lower Upper

94 100

65 45.8 20.3 60.3

66 75.3 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 40.564 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

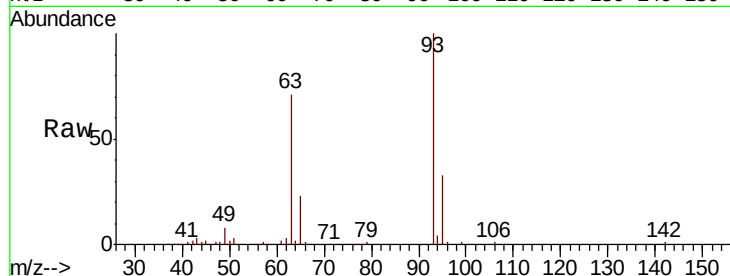
Tot Ion: 93 Resp: 283905

Ion Ratio Lower Upper

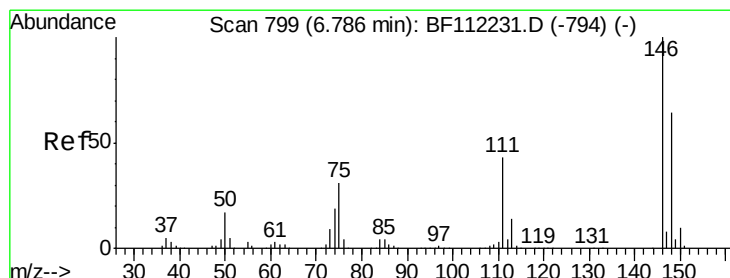
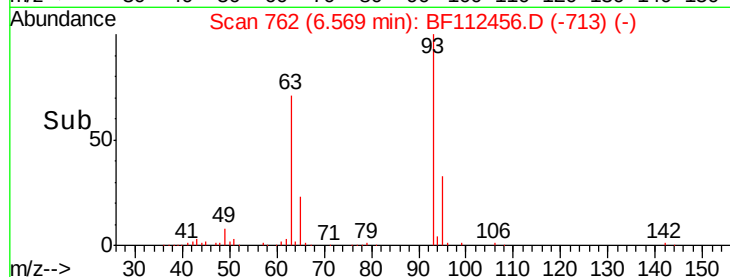
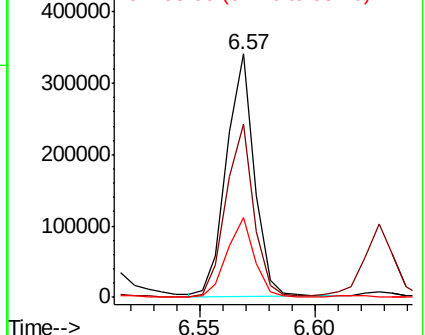
93 100

63 71.2 53.3 93.3

95 32.9 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: 40.682 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

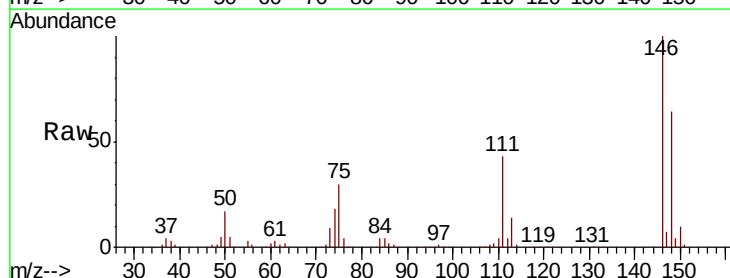
Tgt Ion: 146 Resp: 371666

Ion Ratio Lower Upper

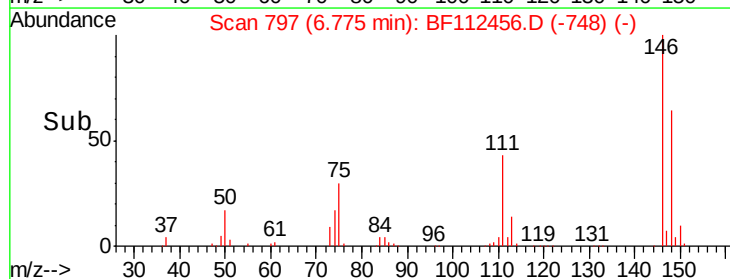
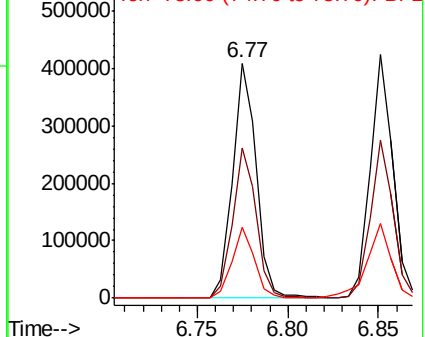
146 100

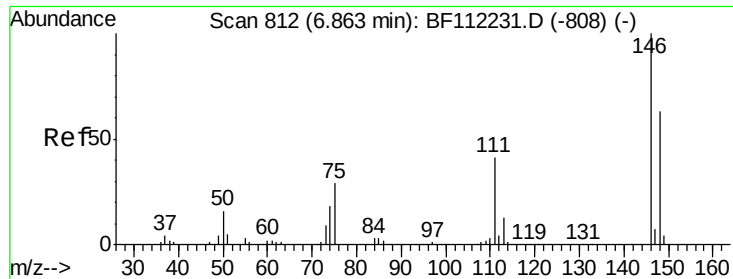
148 63.9 51.8 77.8

75 29.9 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

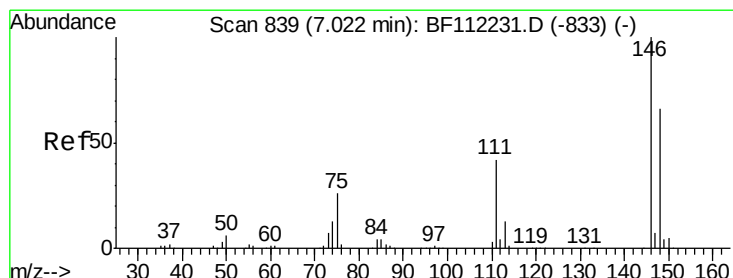
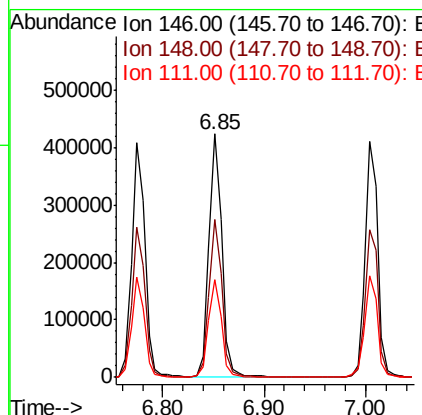
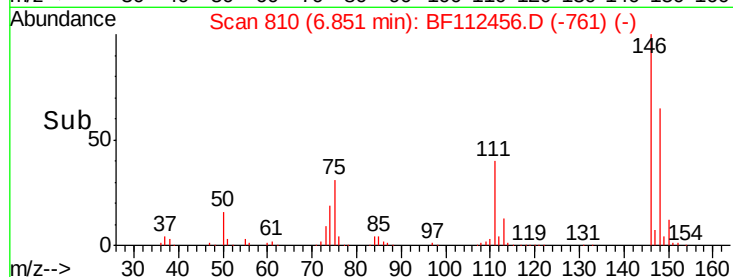
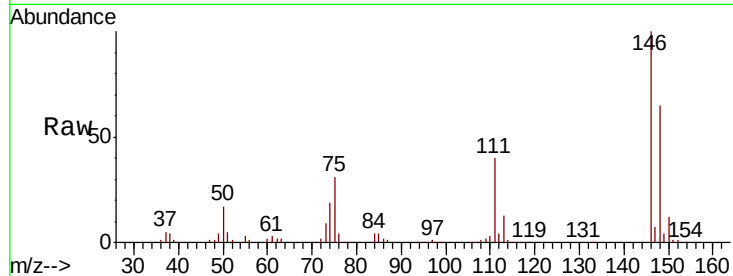




#13
 1,4-Dichlorobenzene
 Concen: 40.049 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

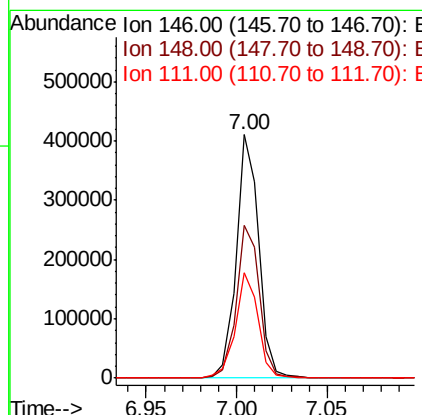
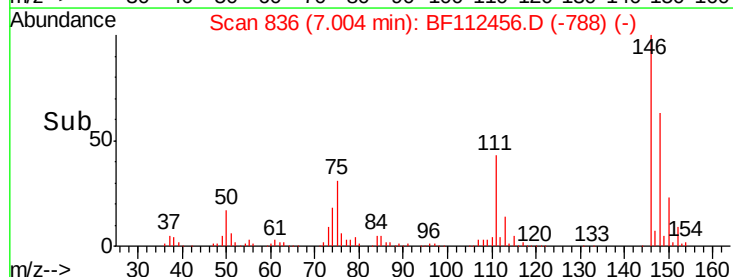
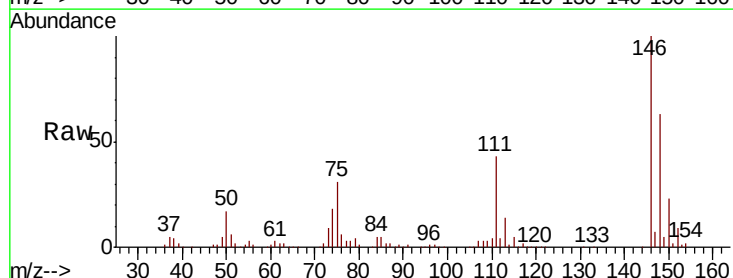
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

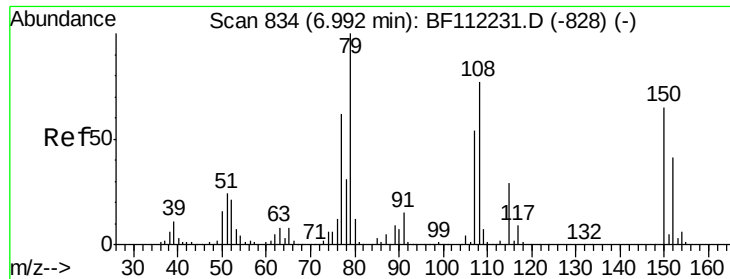
Tot Ion:146 Resp: 376552
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 40.3 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.056 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Tgt Ion:146 Resp: 352622
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.4
 111 43.2 31.2 46.8

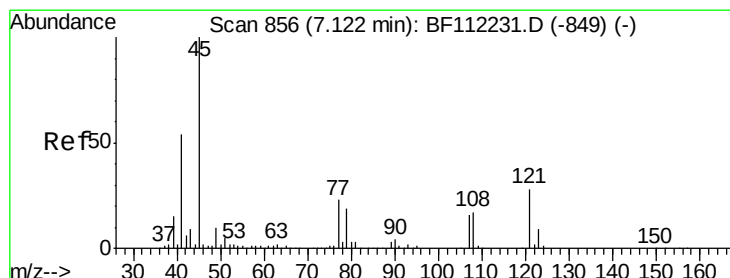
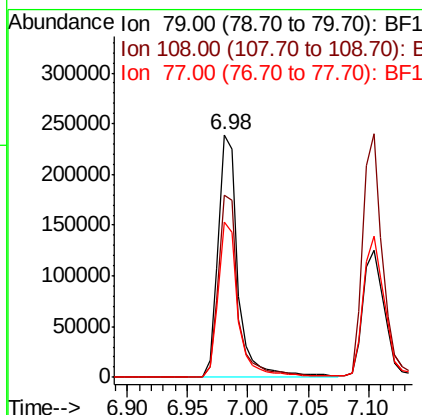
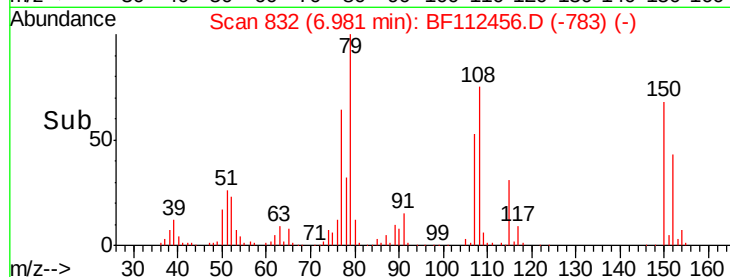
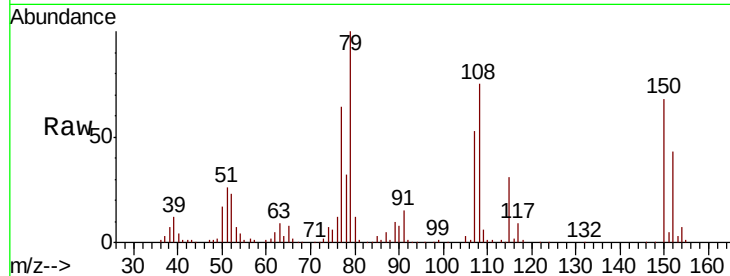




#15
Benzvl Alcohol
Concen: 39.800 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

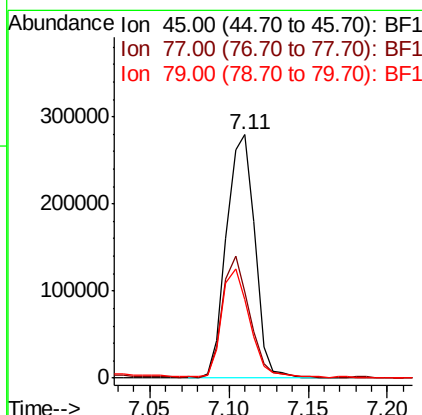
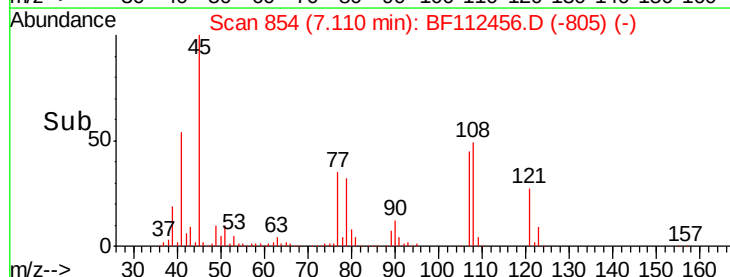
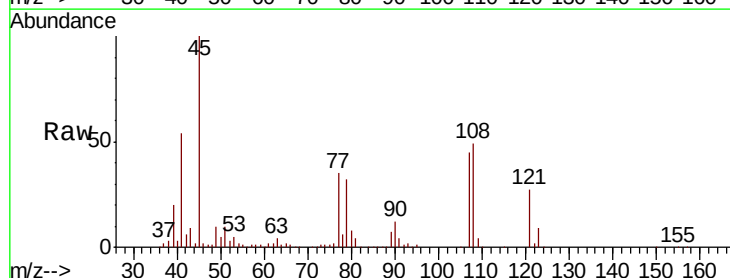
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

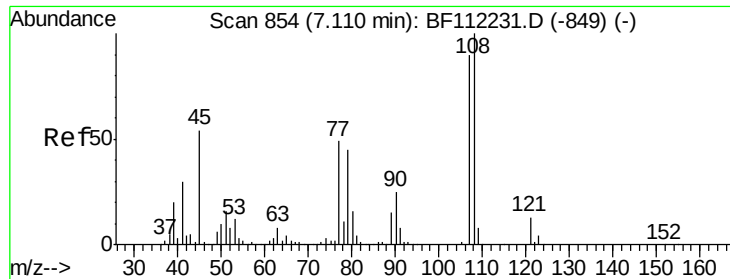
Tot Ion: 79 Resp: 271858
Ion Ratio Lower Upper
79 100
108 75.2 64.2 96.2
77 63.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.660 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion: 45 Resp: 347412
Ion Ratio Lower Upper
45 100
77 35.3 0.0 36.9
79 32.0 0.0 34.0

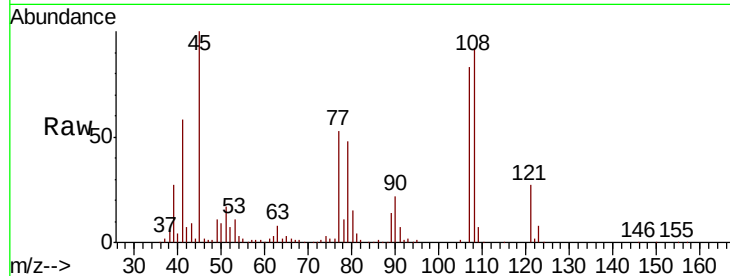




#17
2-Methylphenol
Concen: 39.273 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	91.3	136.9
77	64.0	39.0	58.6
79	57.5	37.0	55.4



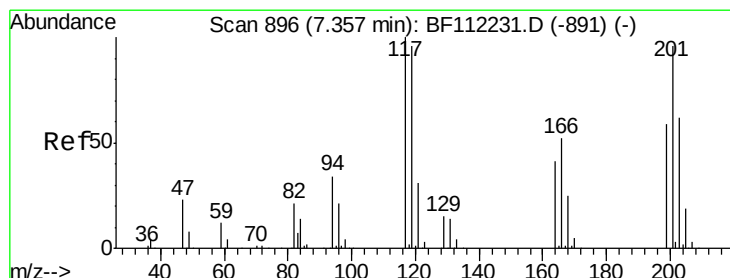
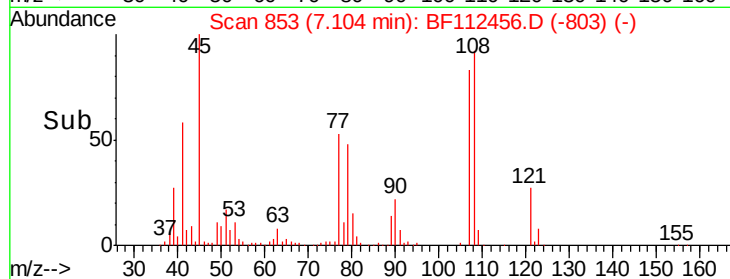
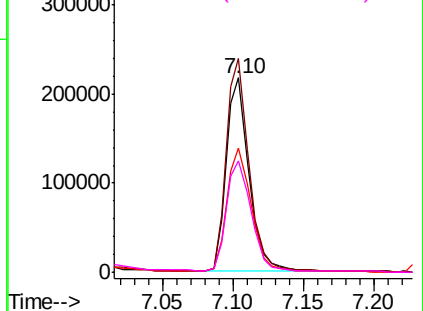
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

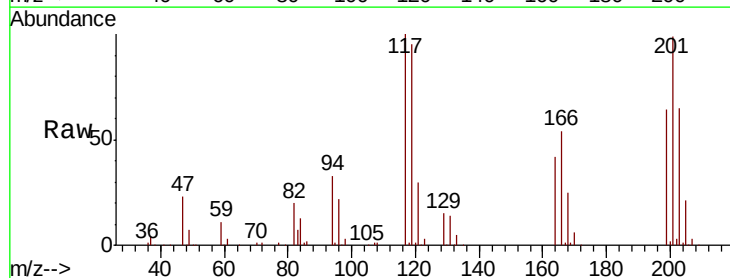
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.835 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.0	115.4
201	99.4	74.1	111.1

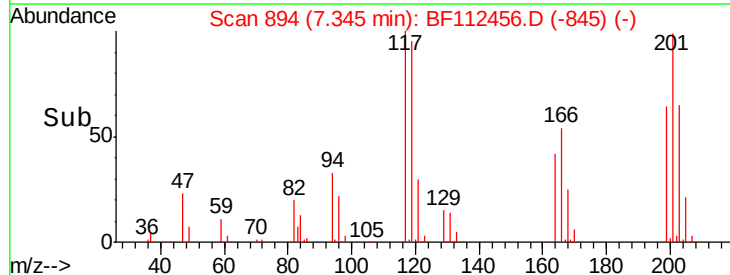
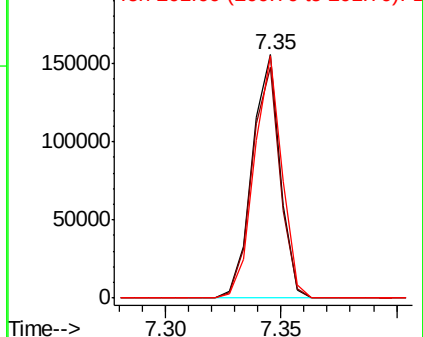


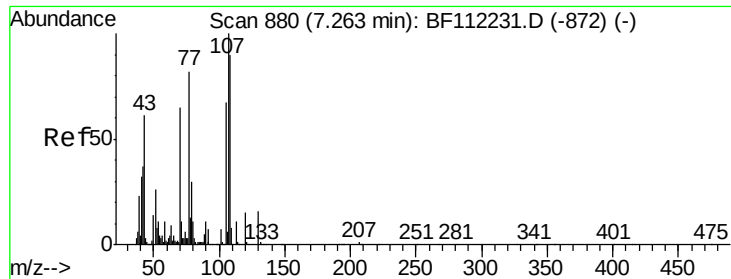
Abundance

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

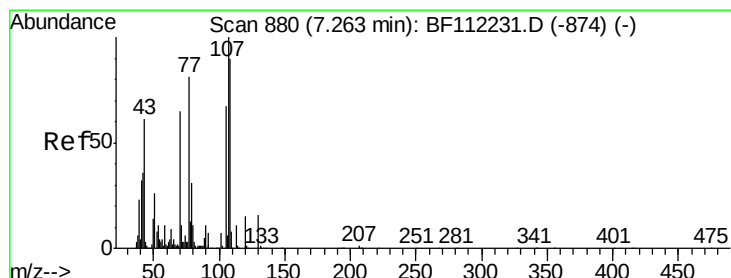
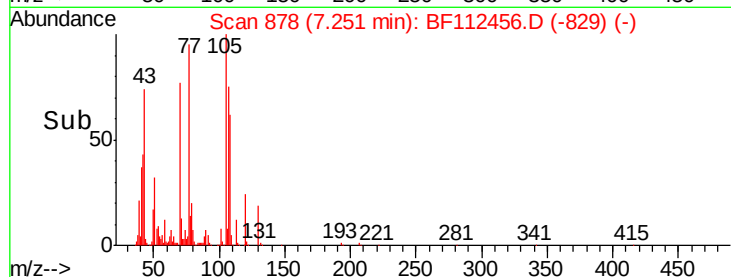
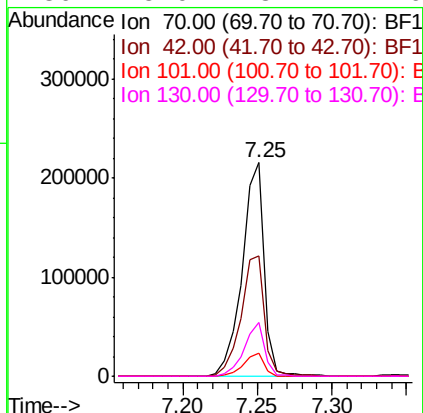
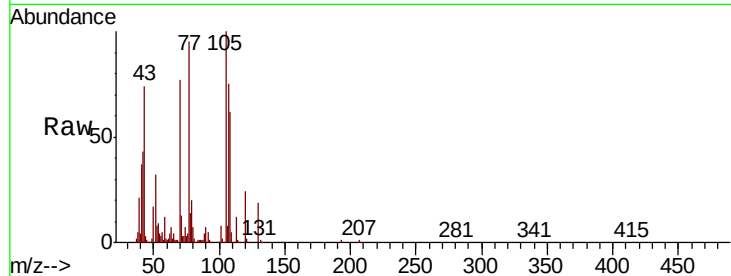




#19
n-Nitroso-di-n-propylamine
Concen: 39.288 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

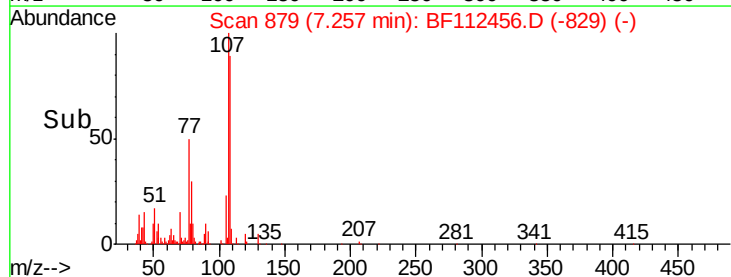
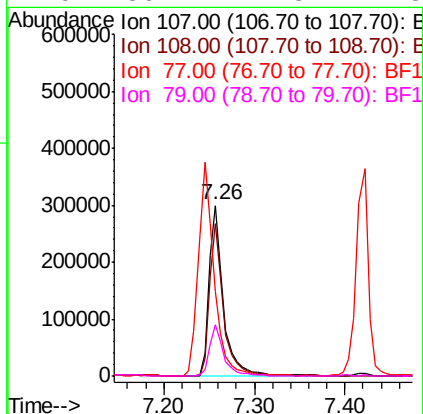
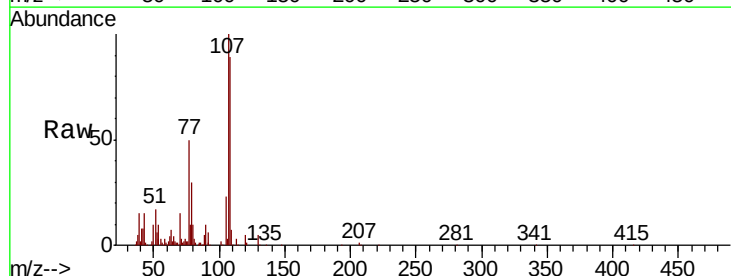
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

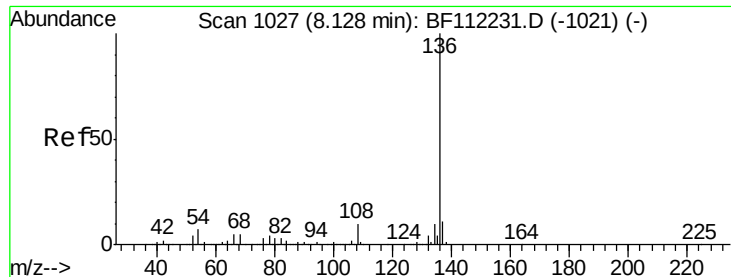
Tot Ion:	70	Resp:	219513
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.6	71.4
101	10.9	7.9	11.9
130	25.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 41.431 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:	107	Resp:	329464
Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	49.7	100.7	140.7
79	30.1	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 479010

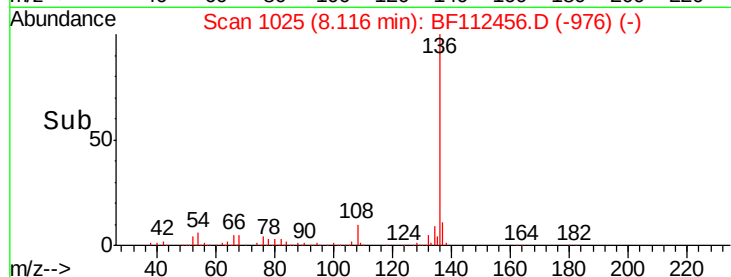
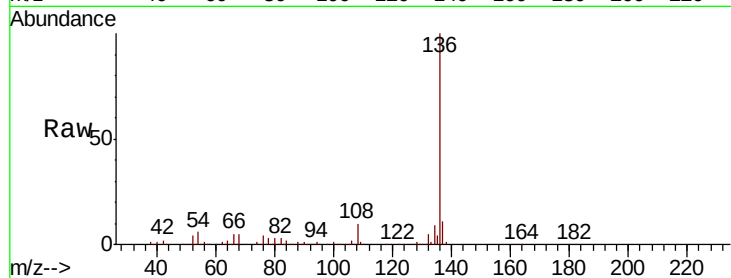
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.4 5.9 8.9

68 5.0 5.1 7.7#

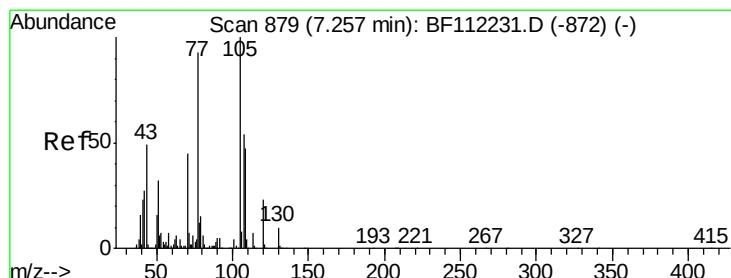
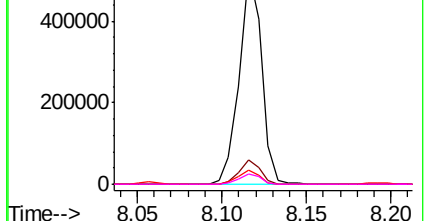


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.924 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Tgt Ion:105 Resp: 465676

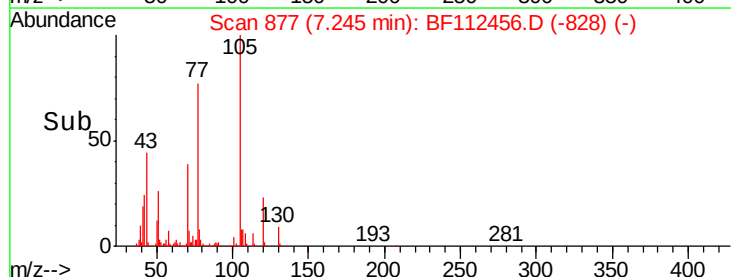
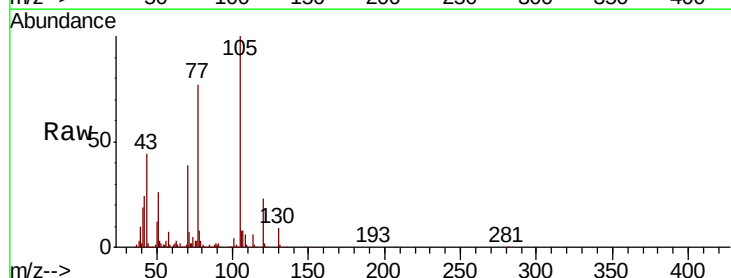
Ion Ratio Lower Upper

105 100

71 6.6 4.6 6.8

51 25.5 25.0 37.6

120 22.6 19.0 28.4

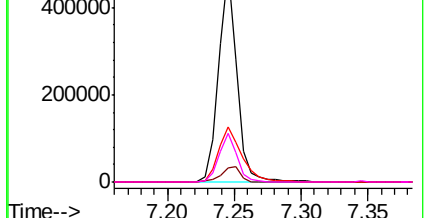


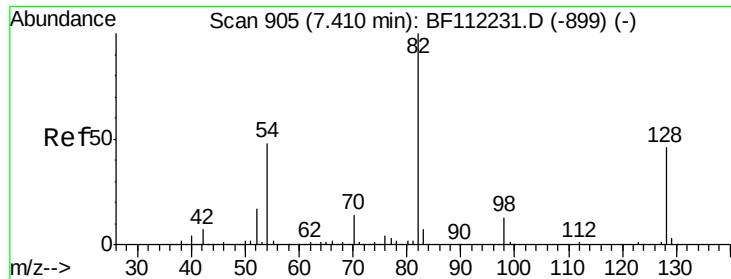
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

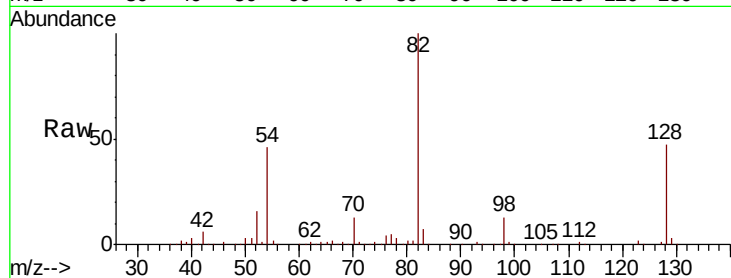




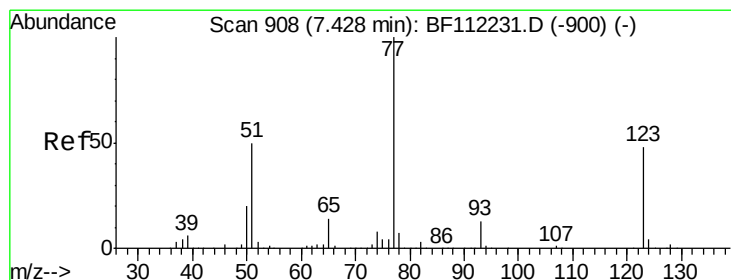
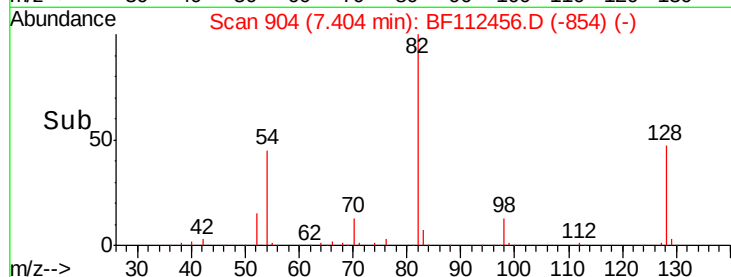
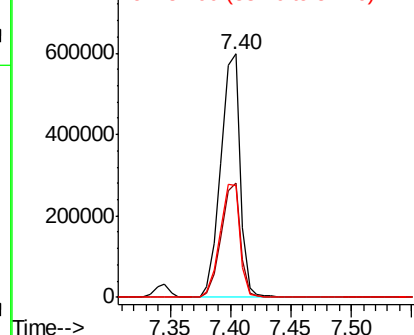
#23
Nitrobenzene-d5
Concen: 79.662 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	662257
Ion Ratio	100	Lower	Upper
128	47.1	37.8	56.8
54	45.7	39.7	59.5

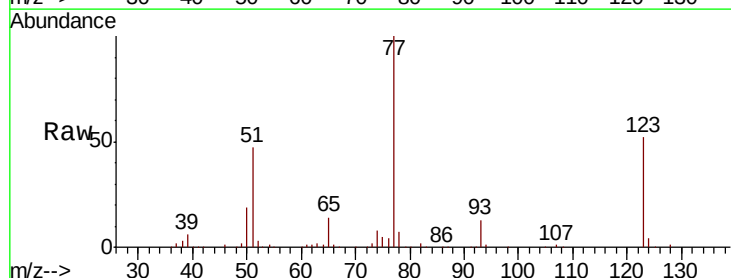


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

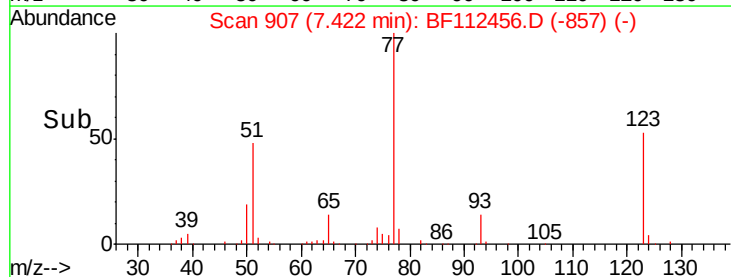
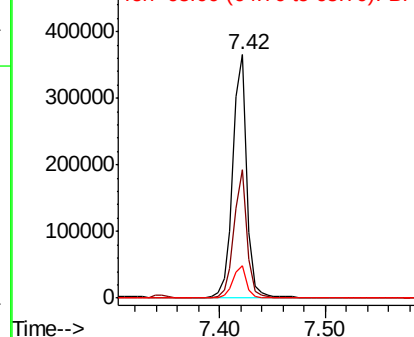


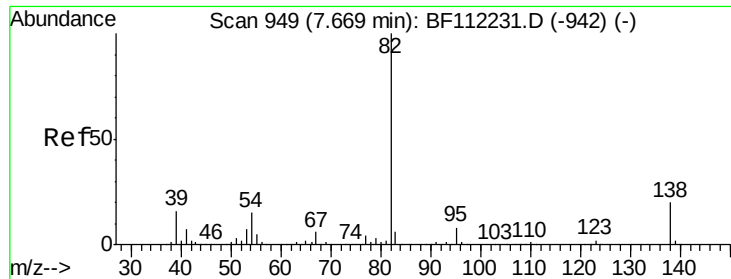
#24
Nitrobenzene
Concen: 40.328 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion	77	Resp	334825
Ion Ratio	100	Lower	Upper
123	52.5	38.4	57.6
65	13.5	10.6	15.8



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





#25

Isophorone

Concen: 38.866 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

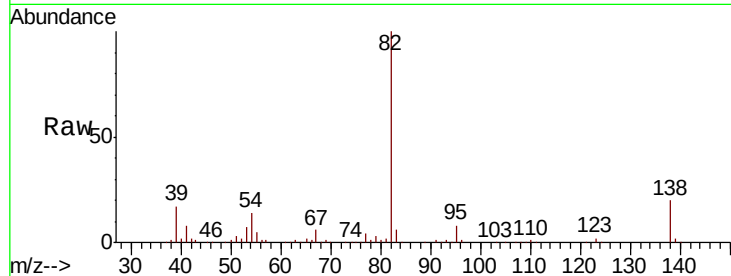
Tot Ion: 82 Resp: 506888

Ion Ratio Lower Upper

82 100

95 7.9 5.7 8.5

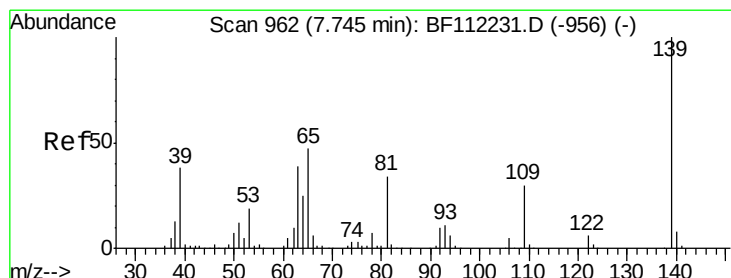
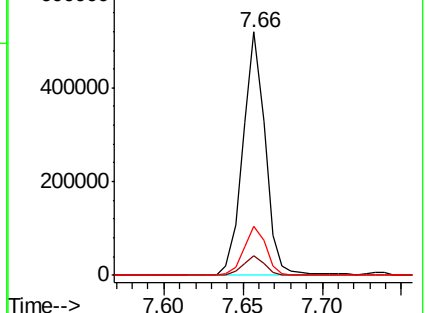
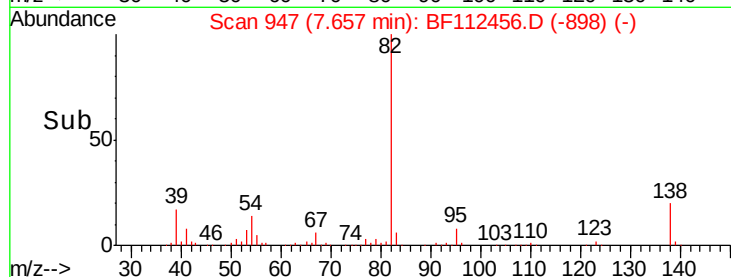
138 20.1 15.4 23.0



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: 41.117 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

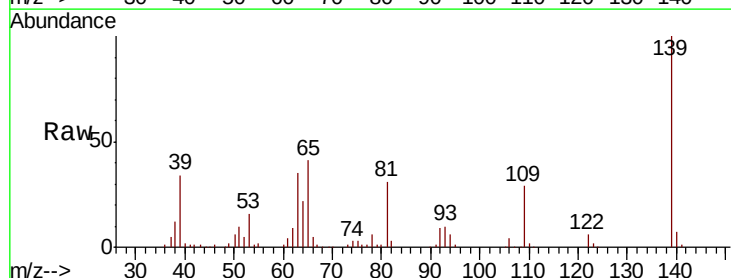
Tgt Ion: 139 Resp: 182438

Ion Ratio Lower Upper

139 100

109 28.7 20.8 31.2

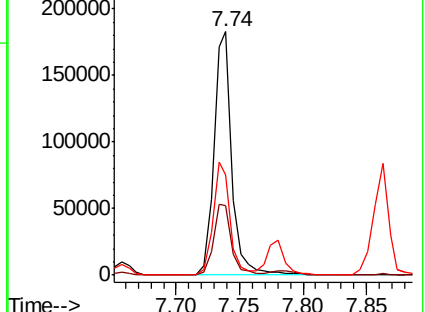
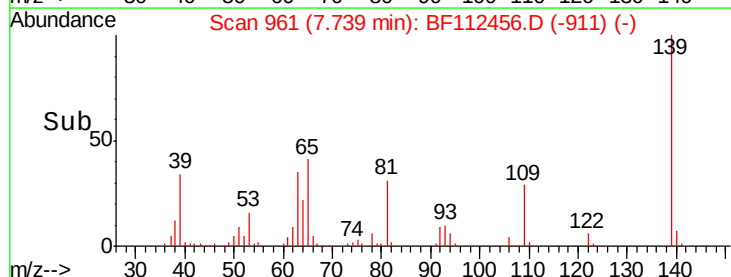
65 41.1 34.4 51.6

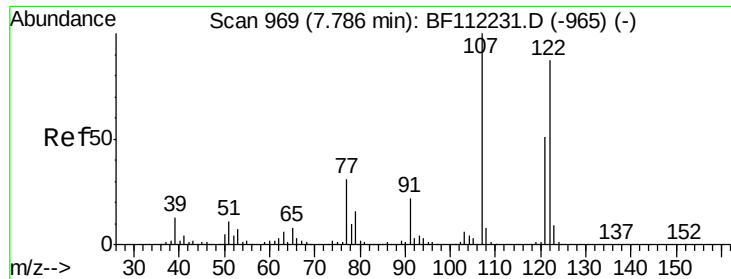


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

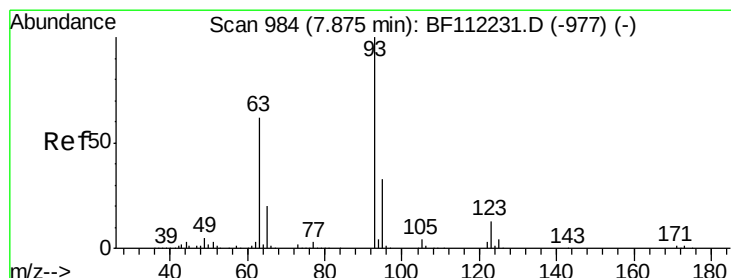
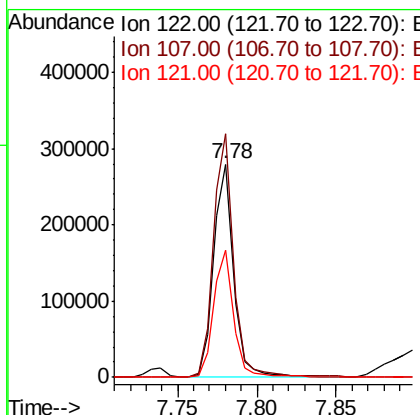
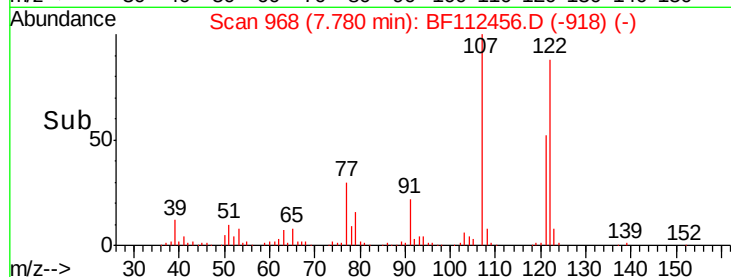
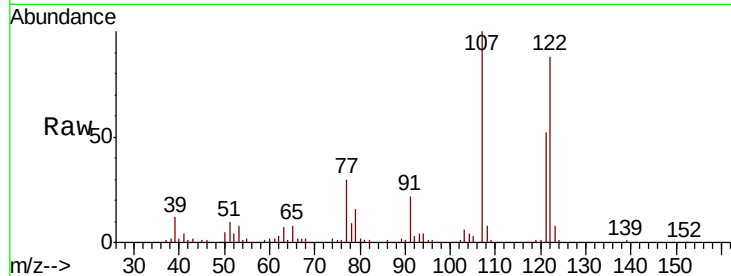




#27
2,4-Dimethylphenol
Concen: 40.125 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

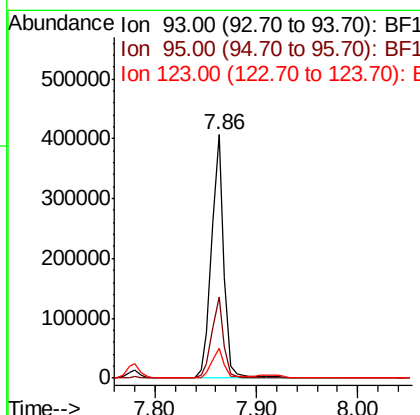
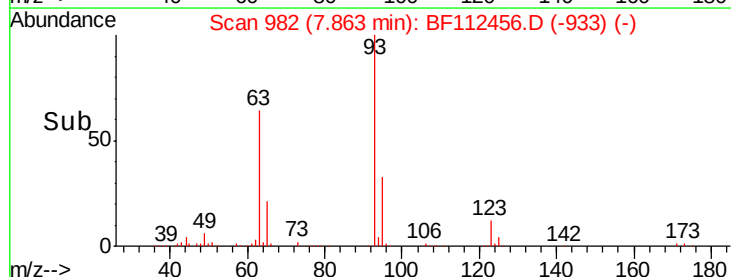
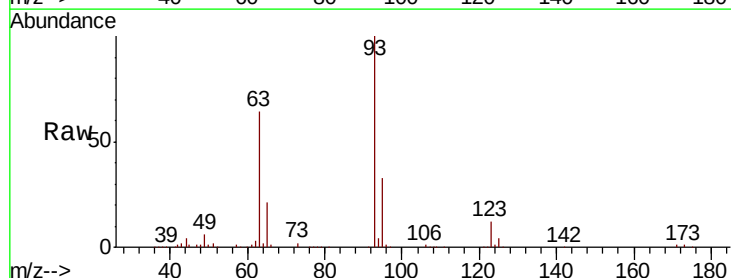
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

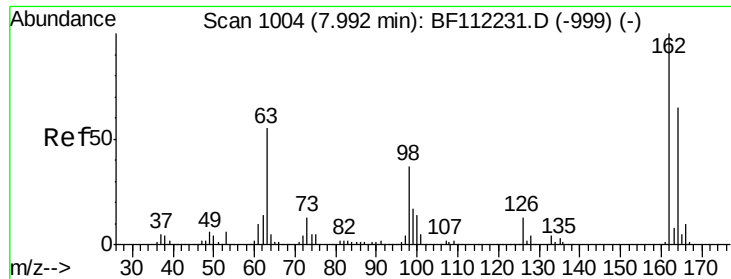
Tot Ion:122 Resp: 245288
Ion Ratio Lower Upper
122 100
107 114.2 85.4 128.0
121 59.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.915 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion: 93 Resp: 345577
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.2 10.2 15.2

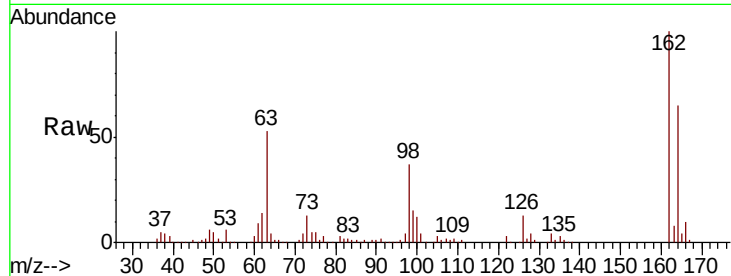




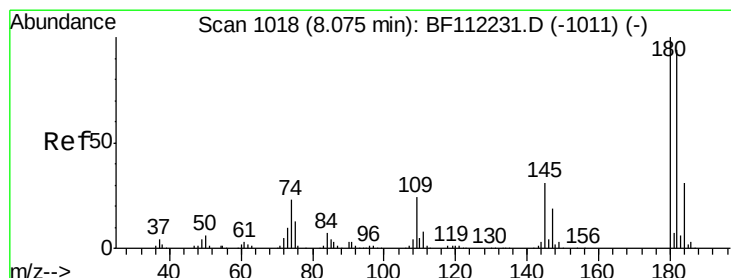
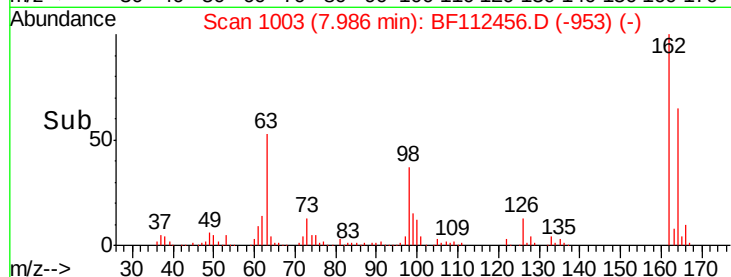
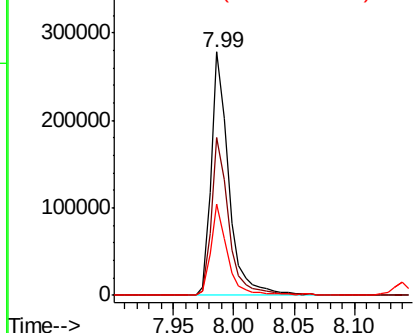
#29
 2,4-Dichlorophenol
 Concen: 40.928 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 279993
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.6 84.6
 98 37.3 14.6 54.6

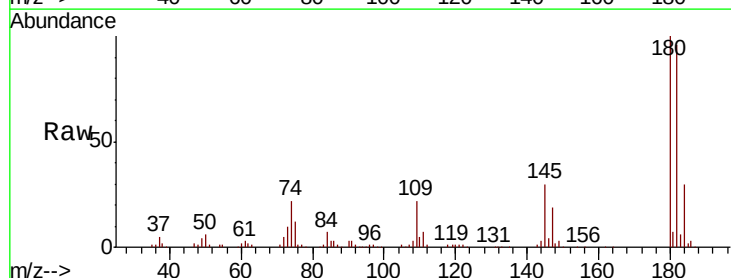


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

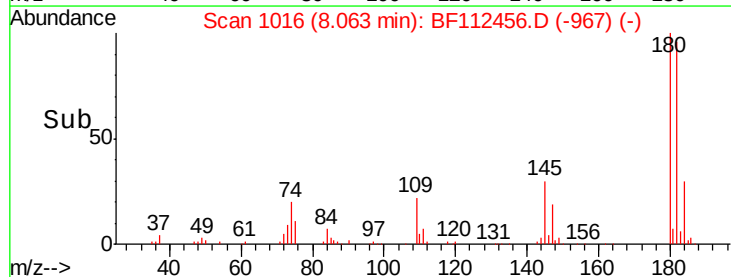
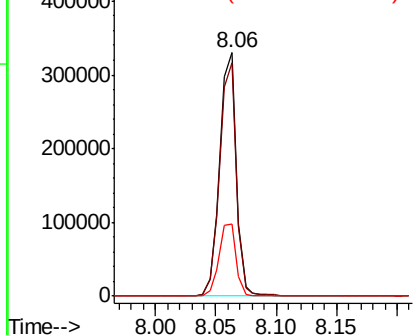


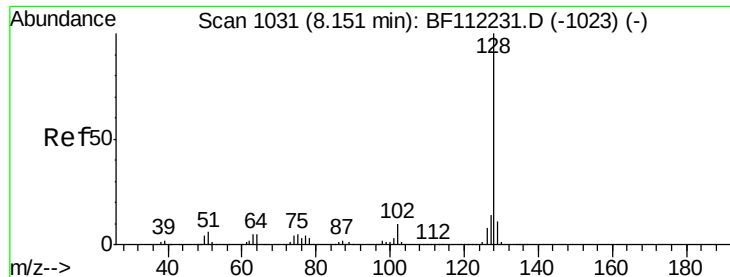
#30
 1,2,4-Trichlorobenzene
 Concen: 39.797 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Tgt Ion:180 Resp: 312949
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 29.8 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

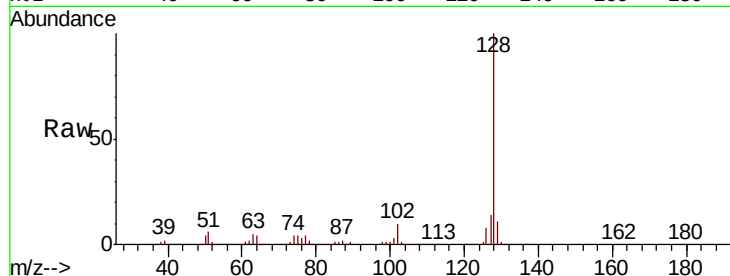




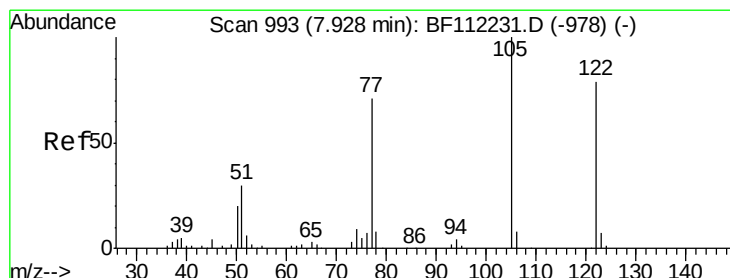
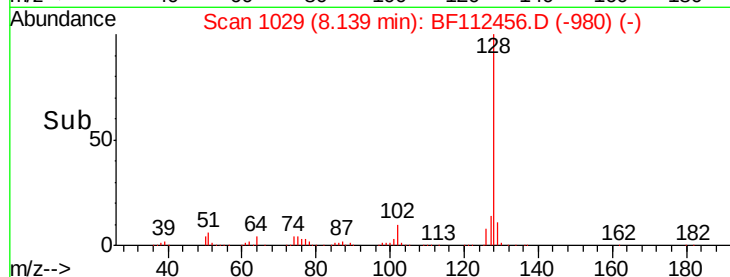
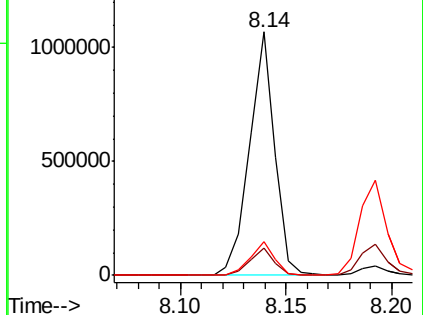
#31
Naphthalene
Concen: 39.792 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 891361
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.8 11.1 16.7

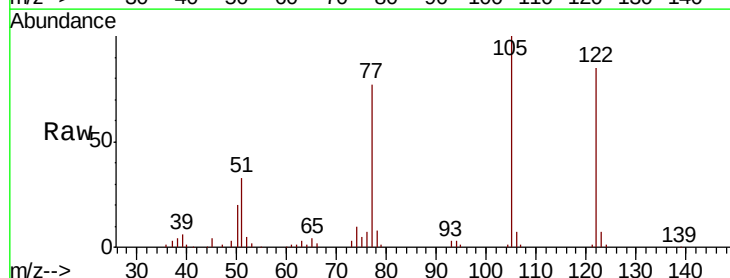


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

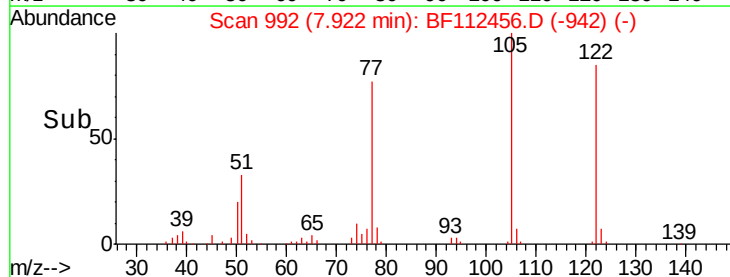
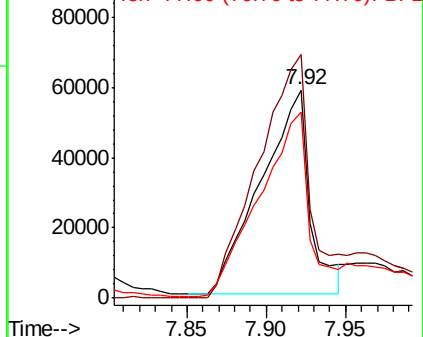


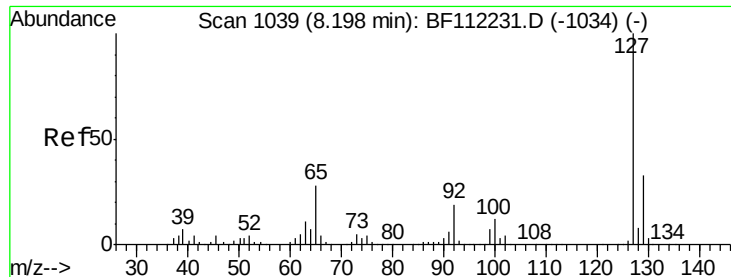
#32
Benzoic acid
Concen: 35.746 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:122 Resp: 124650
Ion Ratio Lower Upper
122 100
105 117.0 101.2 141.2
77 89.7 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

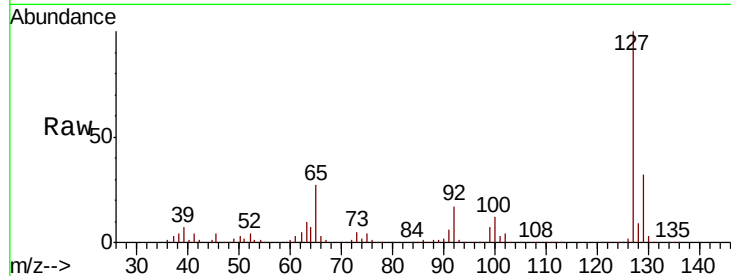




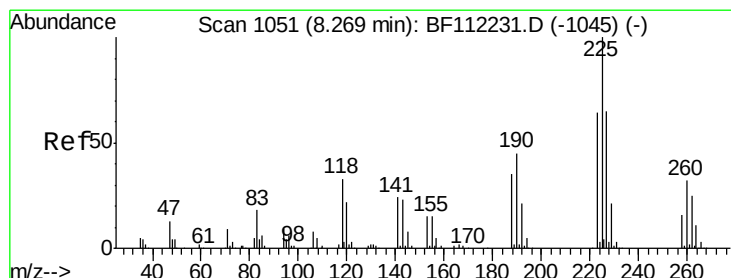
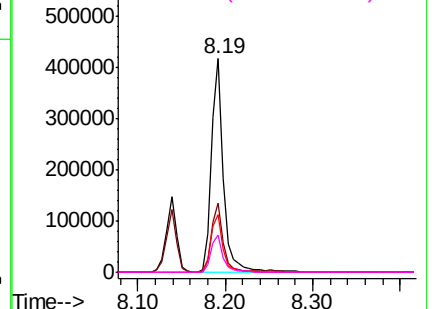
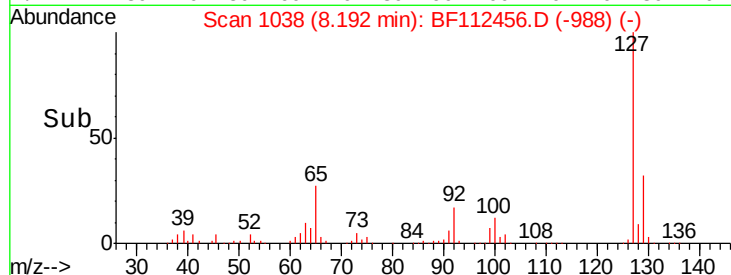
#33
4-Chloroaniline
Concen: 40.975 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	399659
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	27.0	21.4	32.2
92	17.2	14.2	21.2

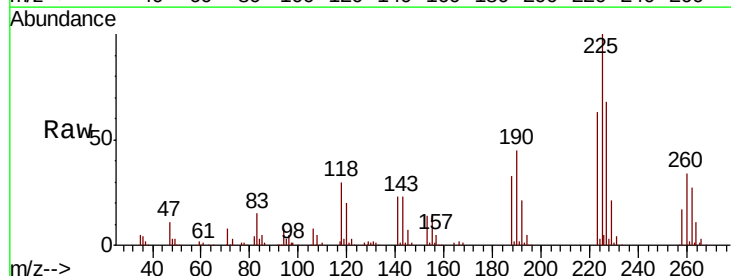


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

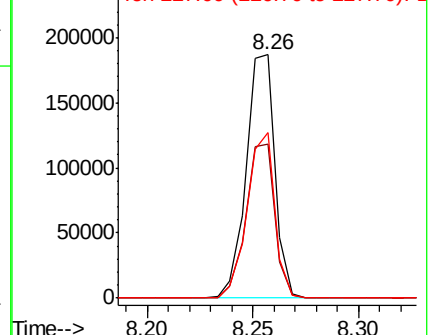
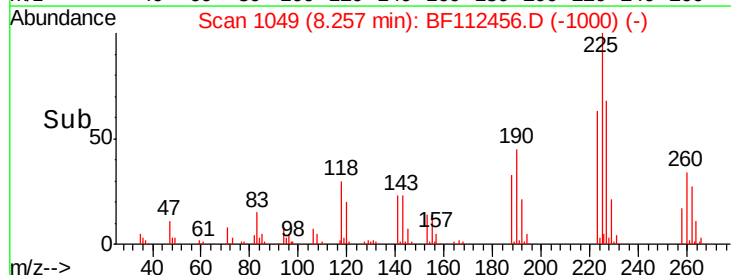


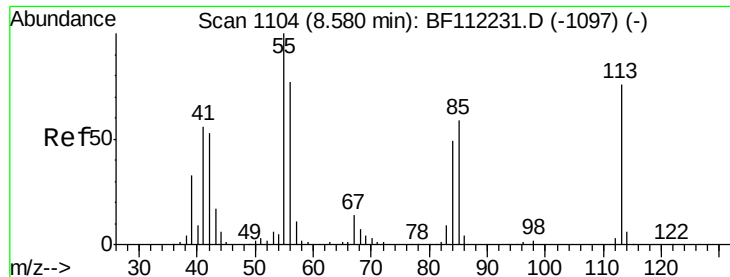
#34
Hexachlorobutadiene
Concen: 38.240 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:	225	Resp:	176456
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.3	75.5
227	67.9	51.8	77.8



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

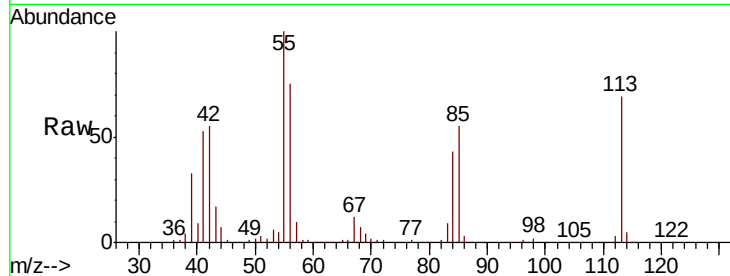




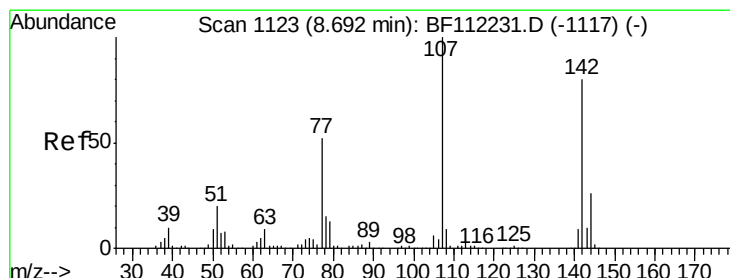
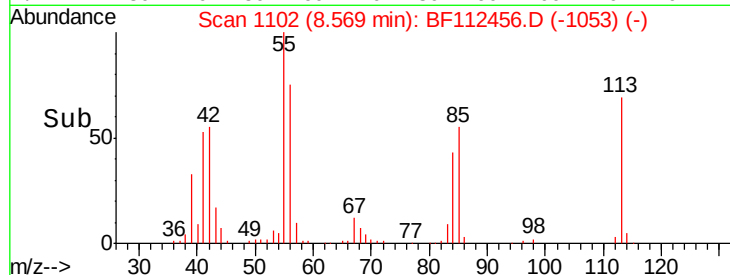
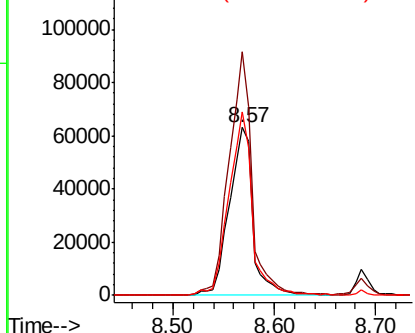
#35
Caprolactam
Concen: 41.821 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 100929
Ion Ratio Lower Upper
113 100
55 145.1 121.6 161.6
56 109.3 86.7 126.7

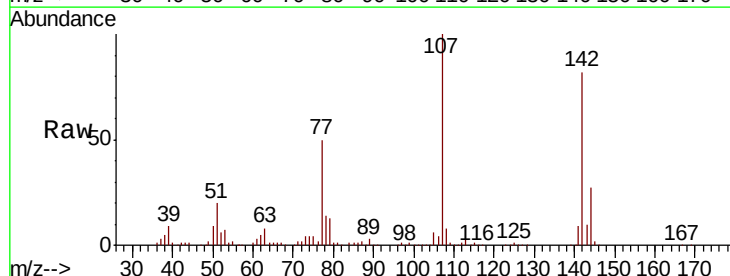


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

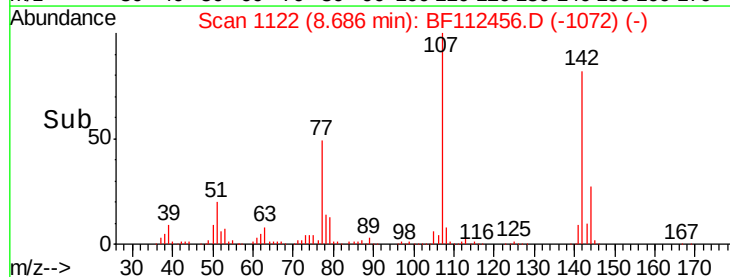
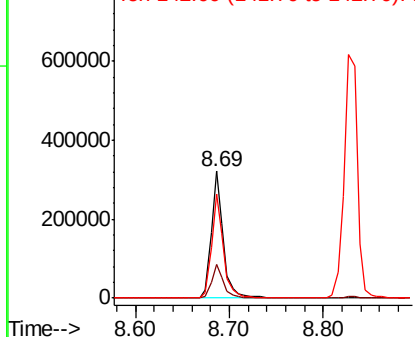


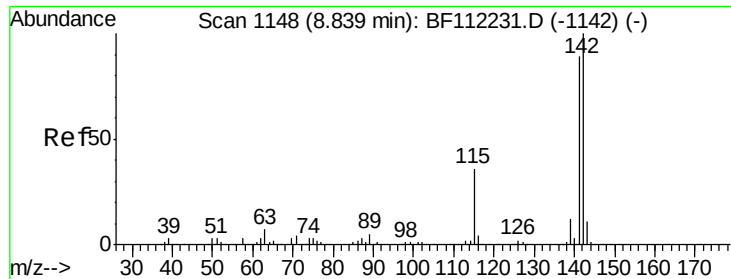
#36
4-Chloro-3-methylphenol
Concen: 40.002 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:107 Resp: 289698
Ion Ratio Lower Upper
107 100
144 26.6 22.2 33.2
142 82.1 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

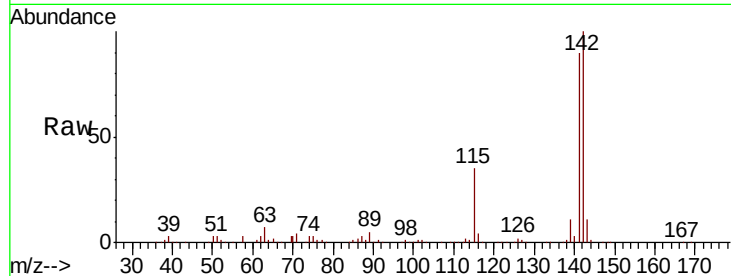




#37
2-Methylnaphthalene
Concen: 39.396 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	34.7	24.9	37.3

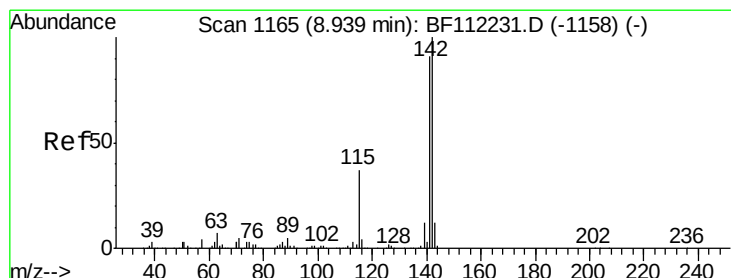
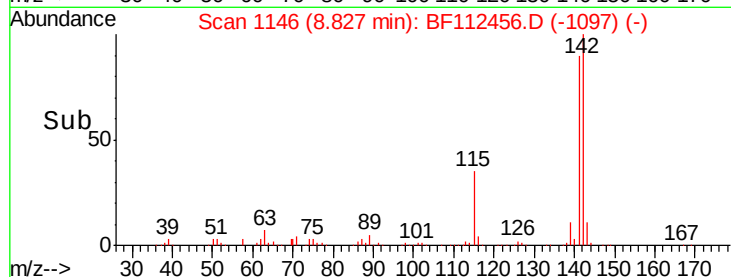
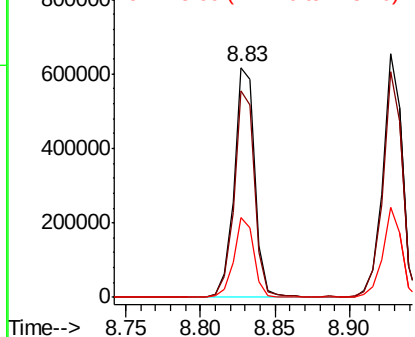


Abundance

Ion 142.00 (141.70 to 142.70): E

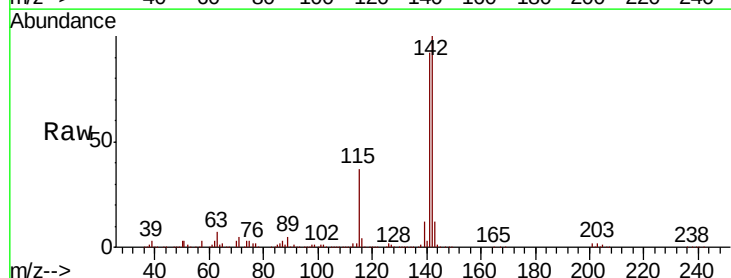
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.035 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.6	108.8
116	3.7	2.8	4.2

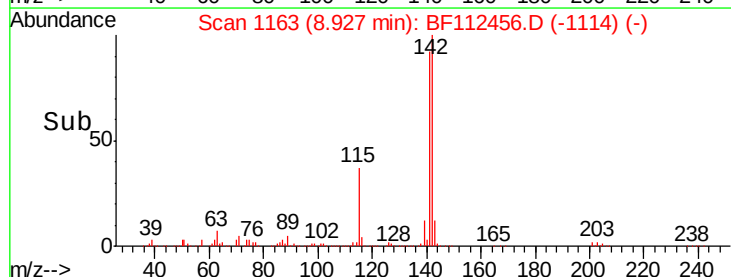
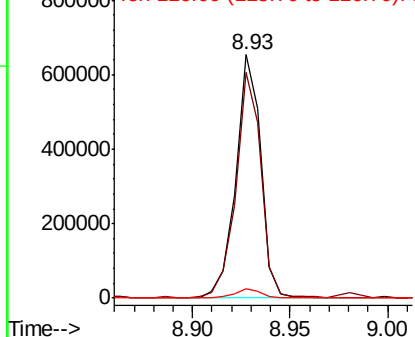


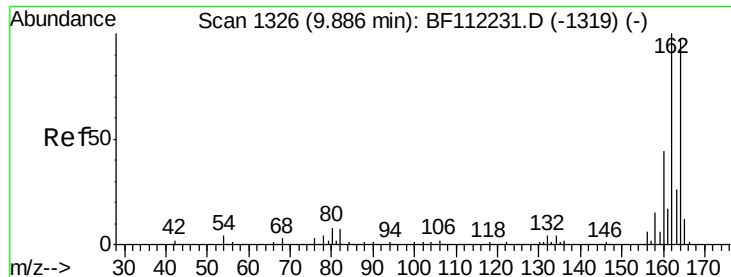
Abundance

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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

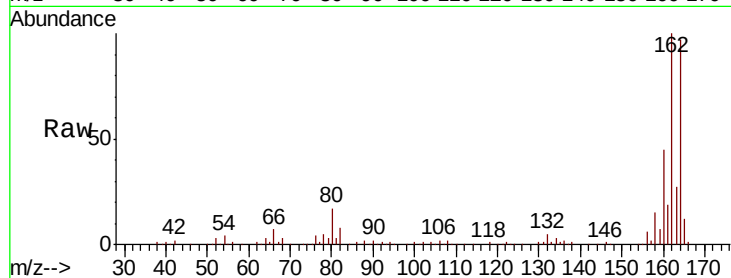
Tot Ion:164 Resp: 241224

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.4

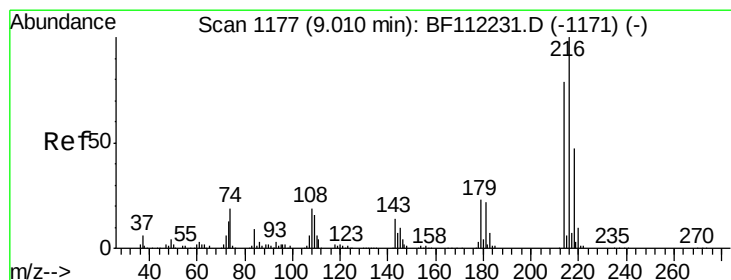
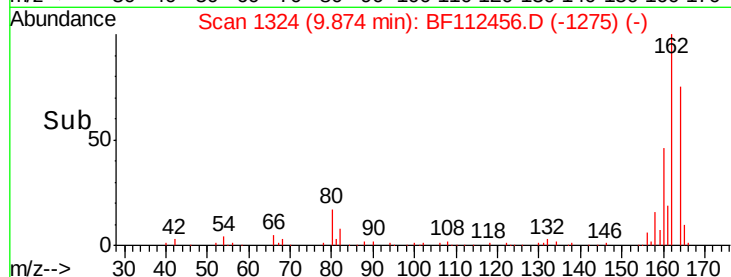
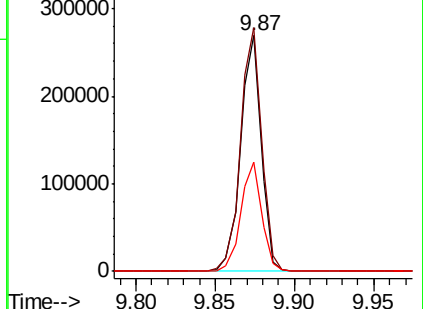
160 46.3 36.2 54.4



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: 38.434 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Tgt Ion:216 Resp: 304404

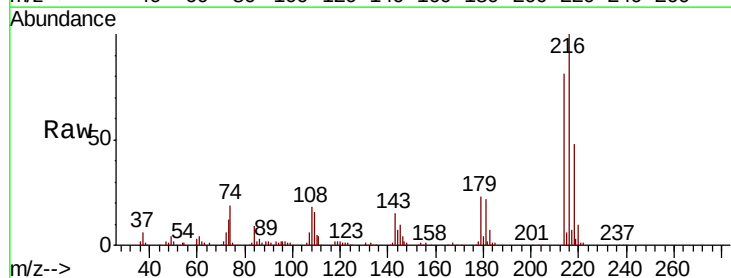
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 22.1 16.9 25.3

108 17.8 14.2 21.4

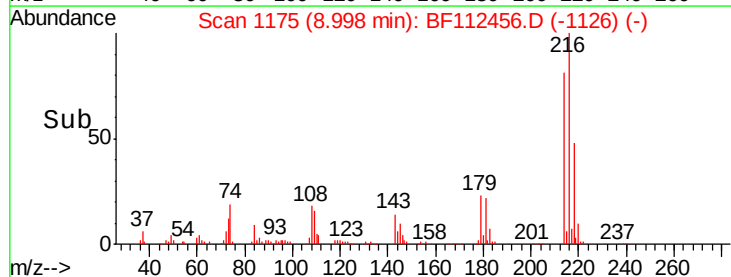
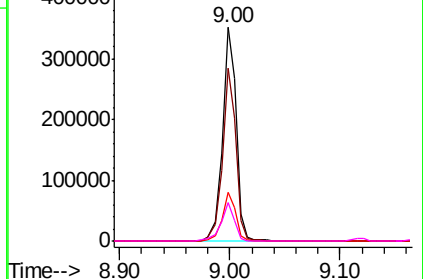


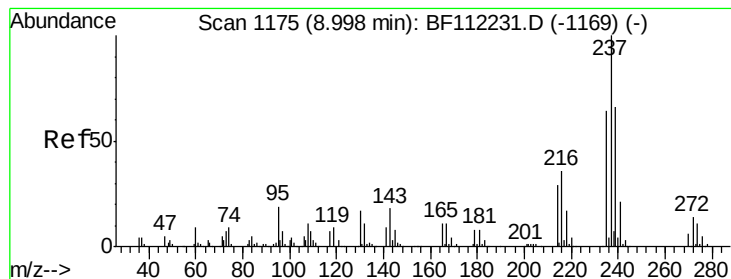
Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.974 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

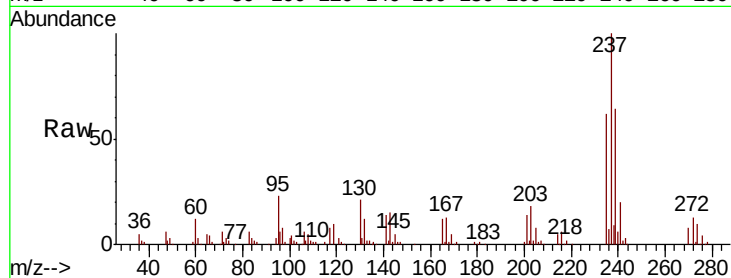
Tot Ion:237 Resp: 79947

Ion Ratio Lower Upper

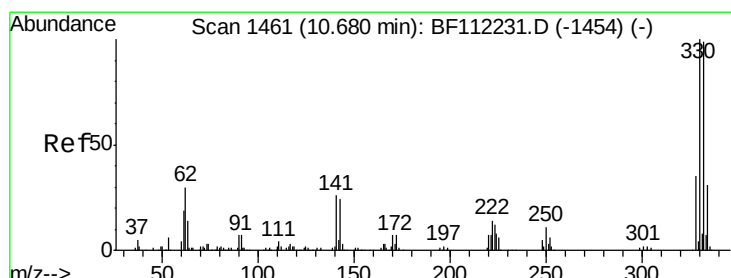
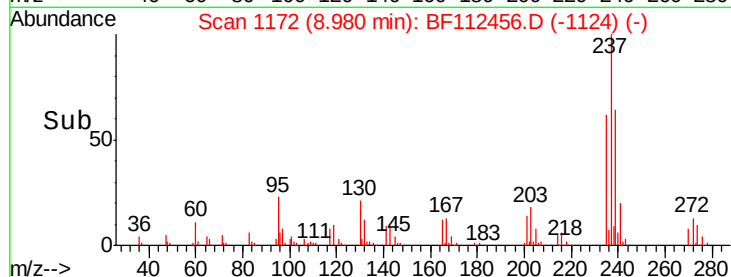
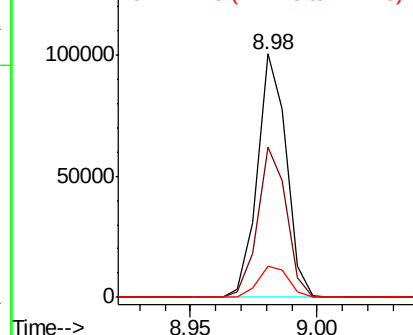
237 100

235 61.8 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: 82.491 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

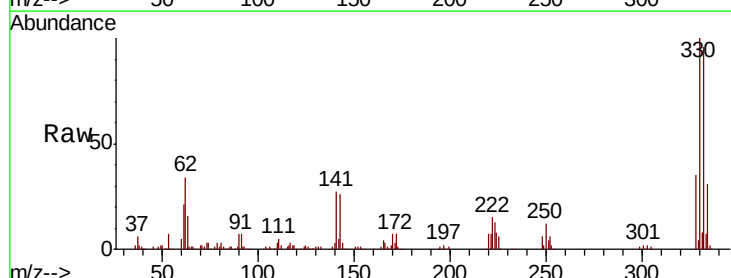
Tgt Ion:330 Resp: 231617

Ion Ratio Lower Upper

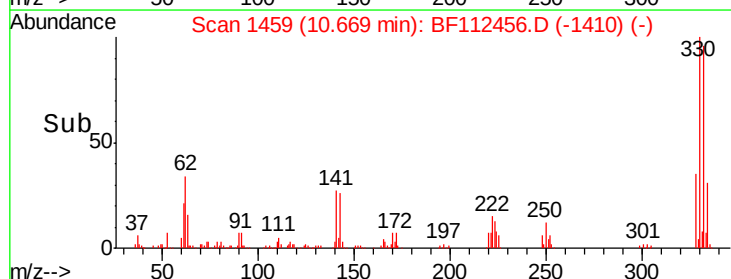
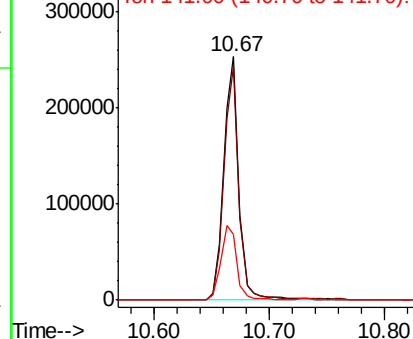
330 100

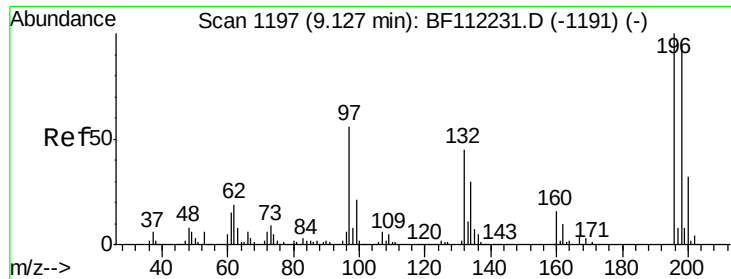
332 96.4 76.6 114.8

141 32.0 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

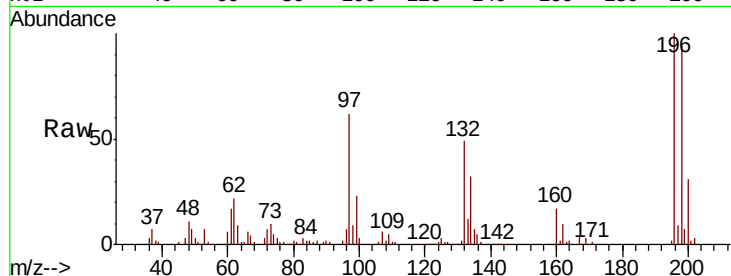




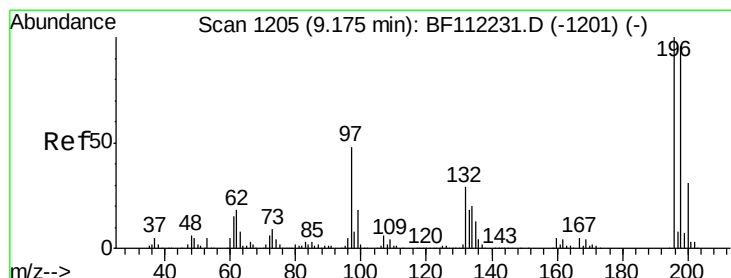
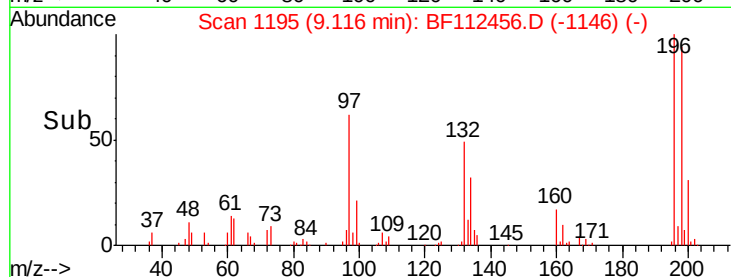
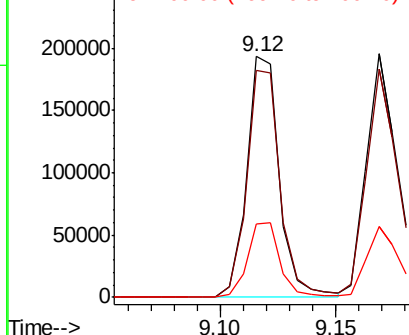
#43
 2,4,6-Trichlorophenol
 Concen: 39.036 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 190578
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.2 114.4
 200 30.7 24.3 36.5

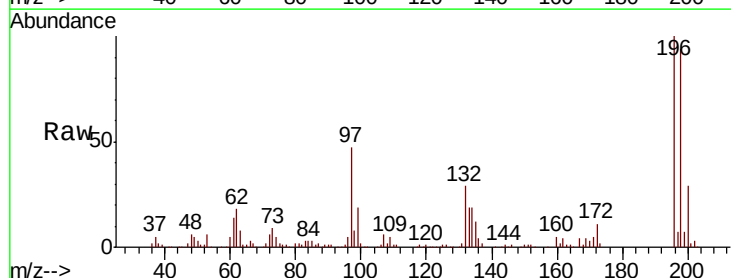


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

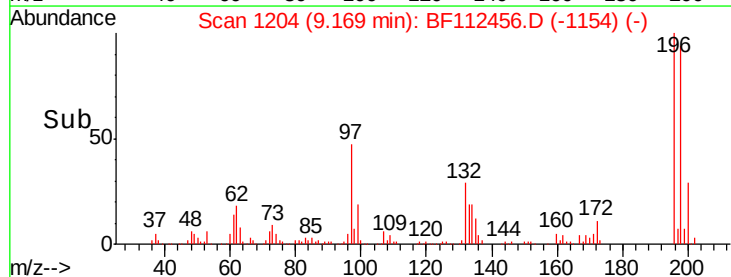
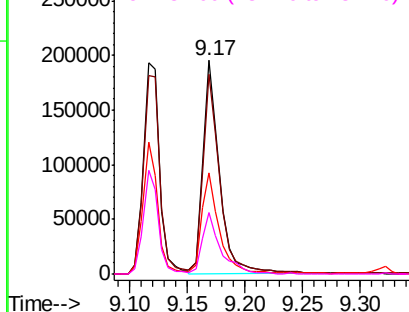


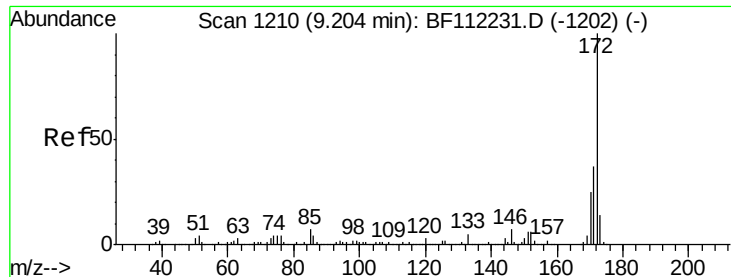
#44
 2,4,5-Trichlorophenol
 Concen: 38.894 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Tgt Ion:196 Resp: 198454
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.0 114.0
 97 47.1 36.4 54.6
 132 28.9 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

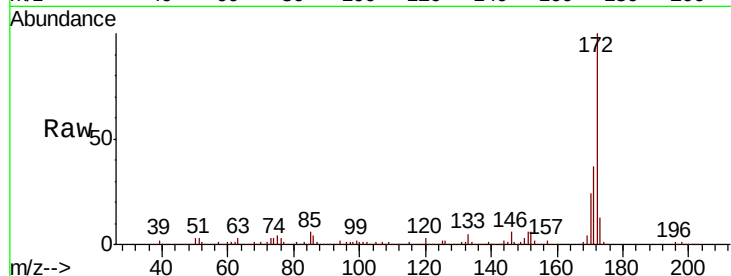




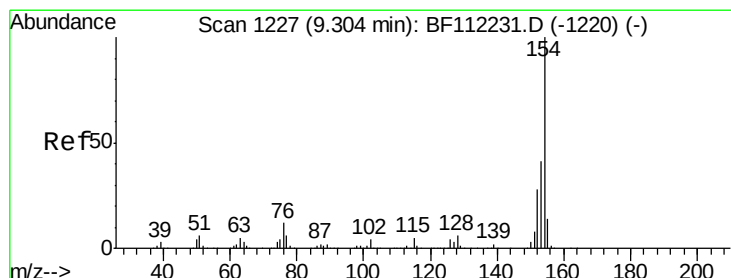
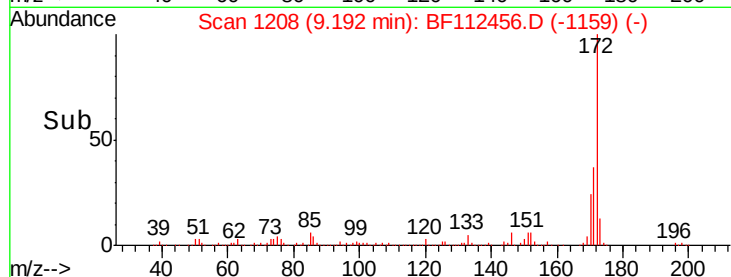
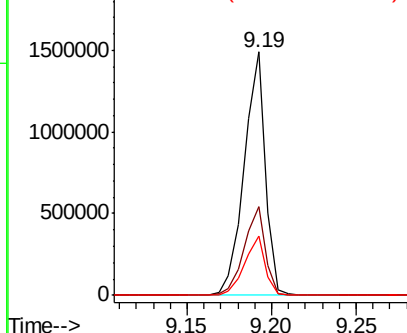
#45
2-Fluorobiphenyl
Concen: 76.762 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1309228
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.1 20.2 30.4

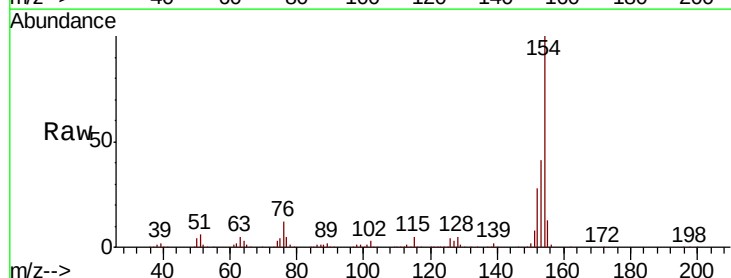


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

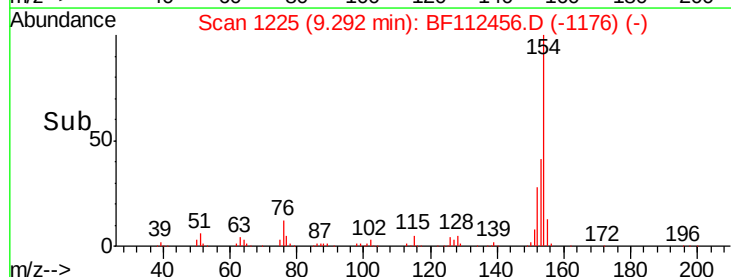
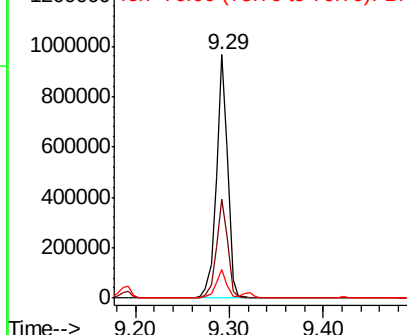


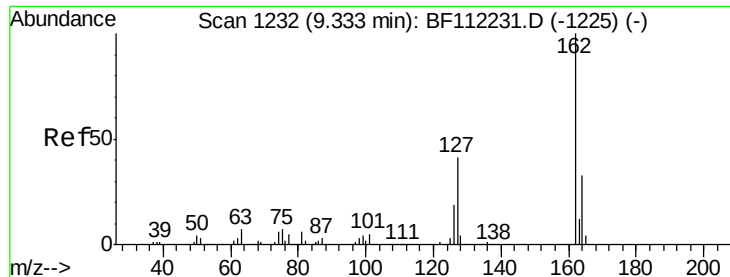
#46
1,1'-Biphenyl
Concen: 38.975 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:154 Resp: 821936
Ion Ratio Lower Upper
154 100
153 40.8 21.5 61.5
76 11.6 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
1200000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.990 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

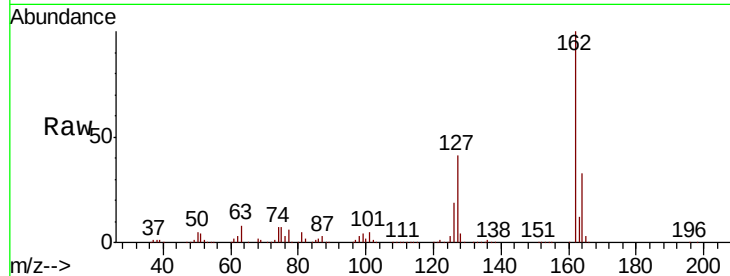
Tot Ion:162 Resp: 637633

Ion Ratio Lower Upper

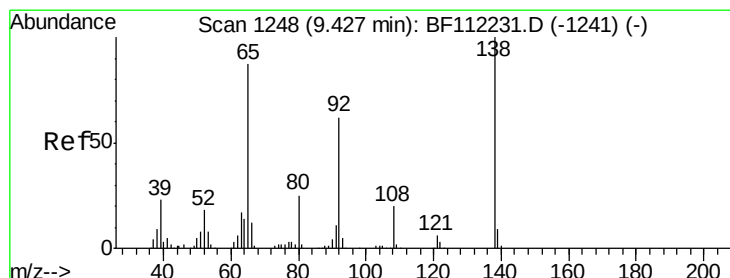
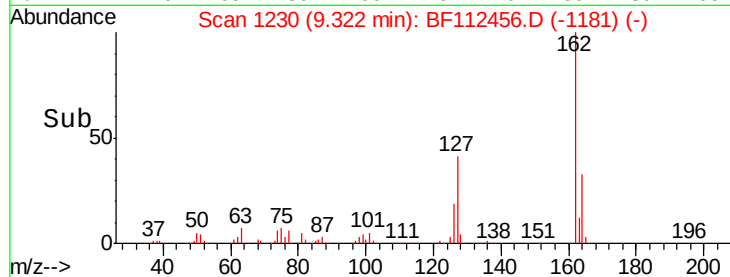
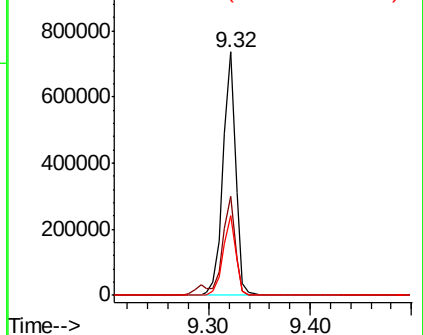
162 100

127 40.6 30.4 45.6

164 32.6 27.4 41.2



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



#48

2-Nitroaniline

Concen: 40.640 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

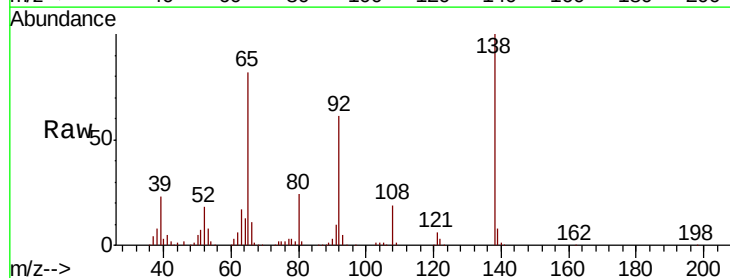
Tgt Ion: 65 Resp: 181147

Ion Ratio Lower Upper

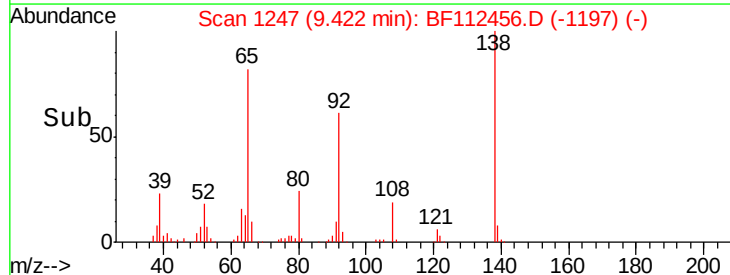
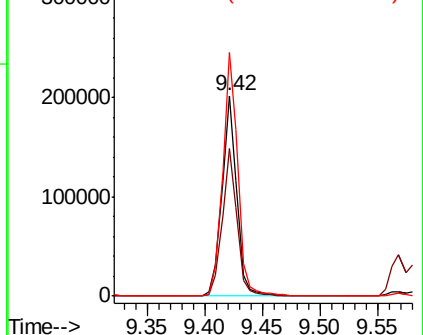
65 100

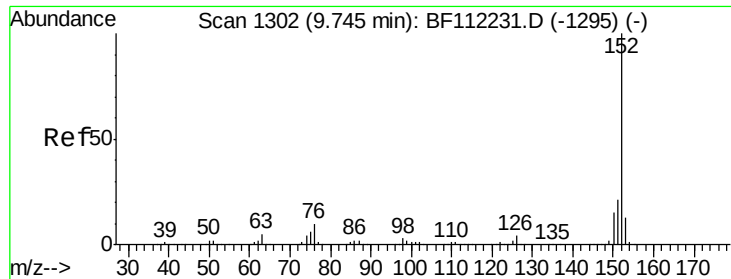
92 73.7 60.4 90.6

138 121.3 104.4 156.6



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





#49

Acenaphthylene

Concen: 39.710 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

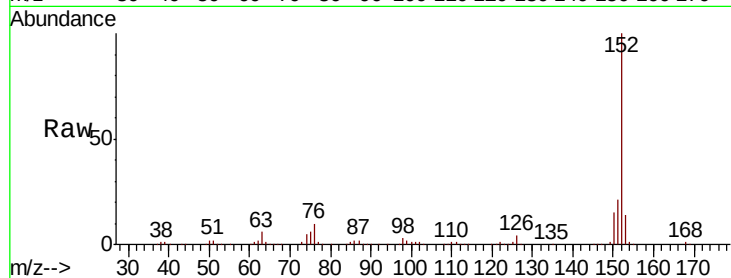
Tot Ion:152 Resp: 951829

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

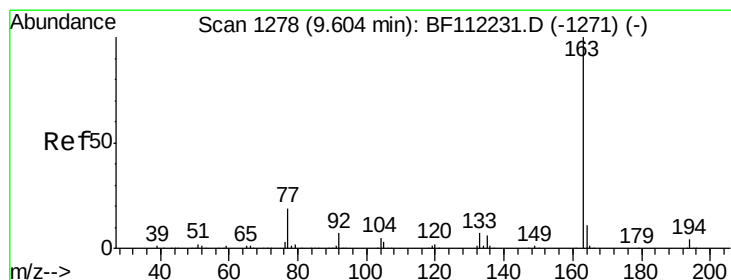
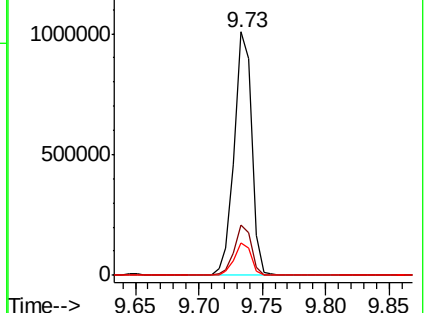
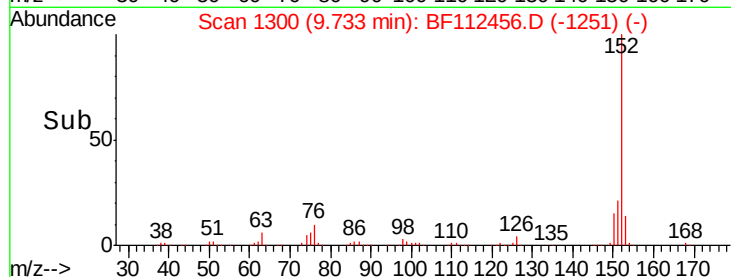
153 13.6 11.2 16.8



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: 38.617 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

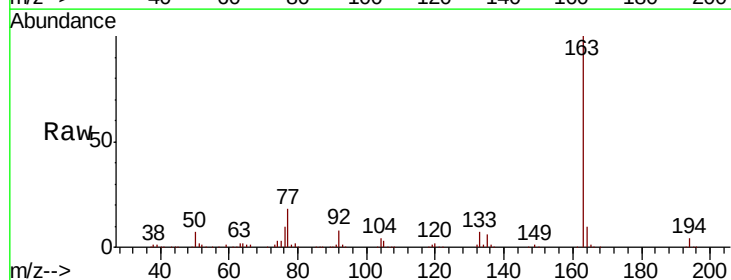
Tgt Ion:163 Resp: 723749

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

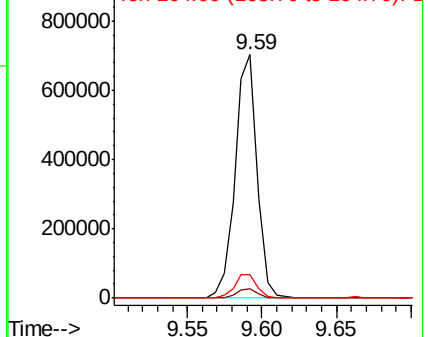
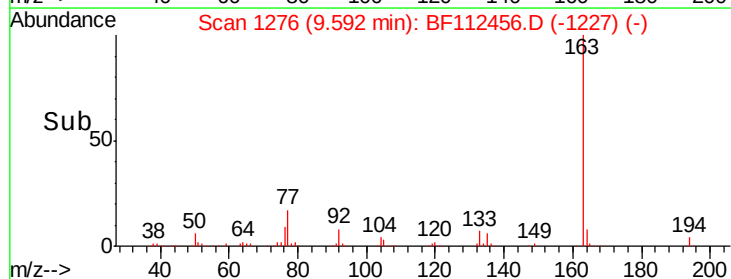
164 9.9 8.5 12.7

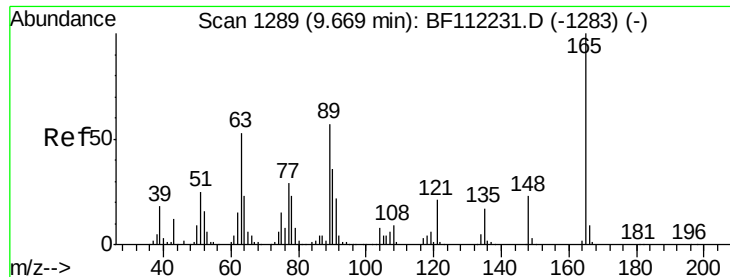


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.164 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

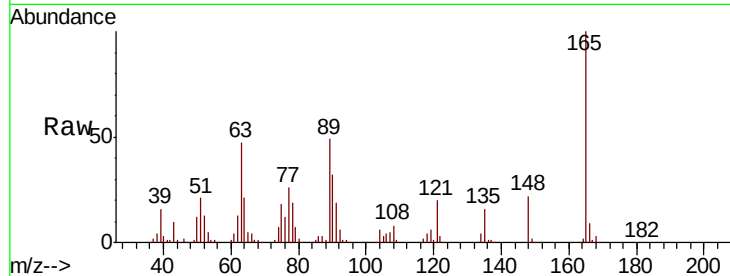
Tot Ion:165 Resp: 168588

Ion Ratio Lower Upper

165 100

63 47.1 33.8 50.8

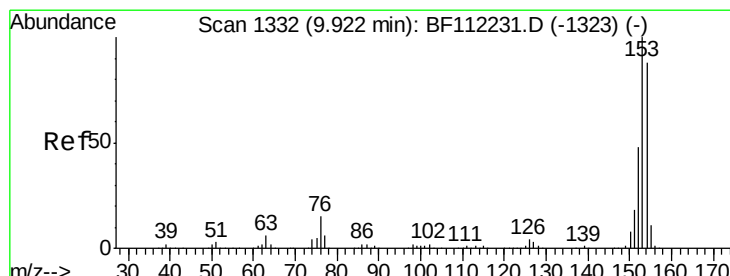
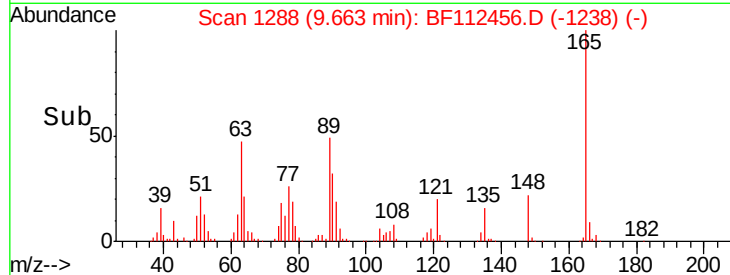
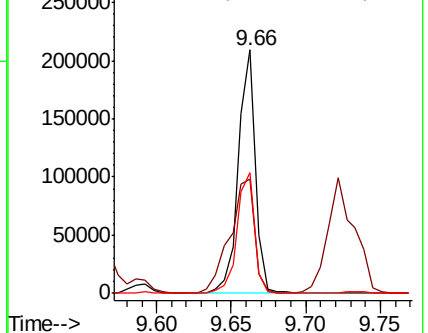
89 49.4 36.9 55.3



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: 39.525 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

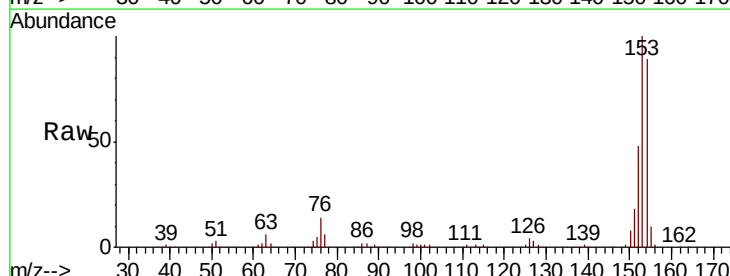
Tgt Ion:154 Resp: 565941

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.6

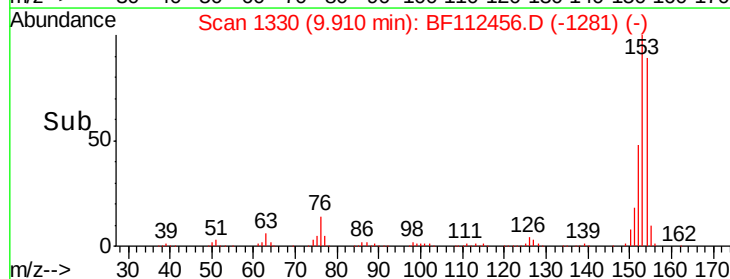
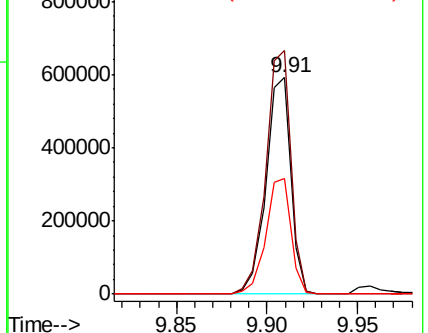
152 53.5 43.5 65.3

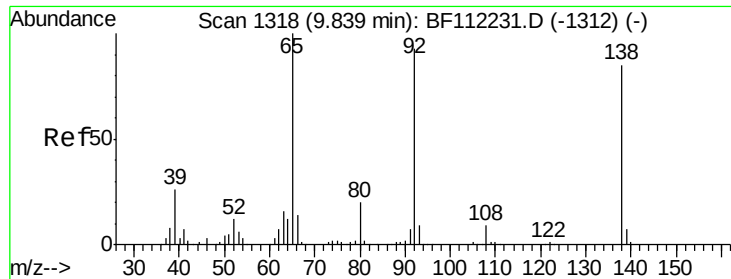


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

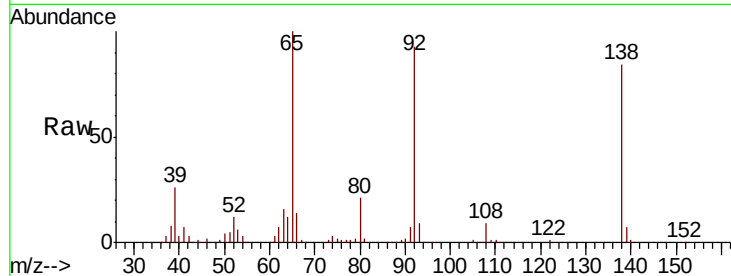




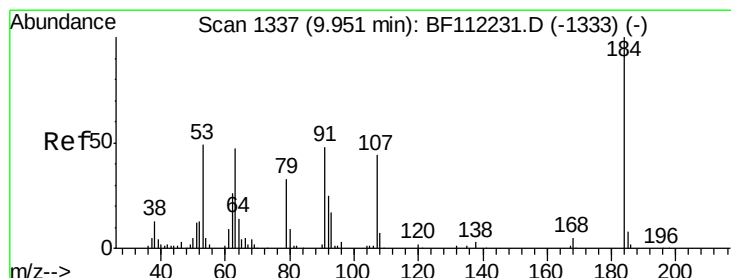
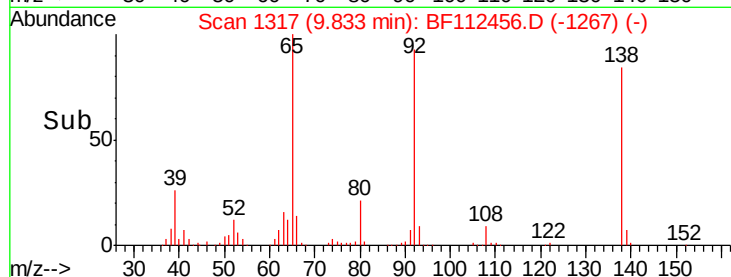
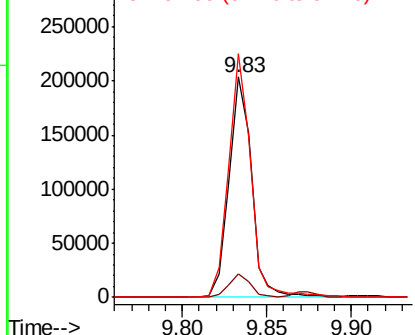
#53
3-Nitroaniline
Concen: 41.486 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 188654
Ion Ratio Lower Upper
138 100
108 10.5 9.8 14.6
92 110.5 79.4 119.2

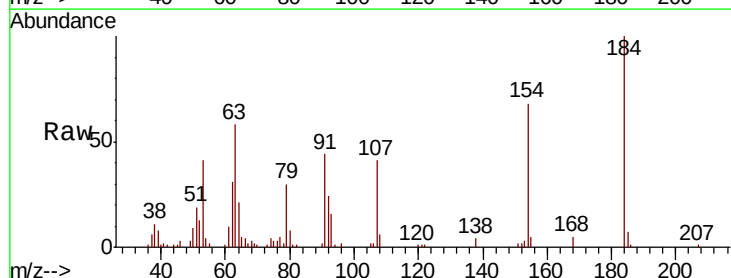


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

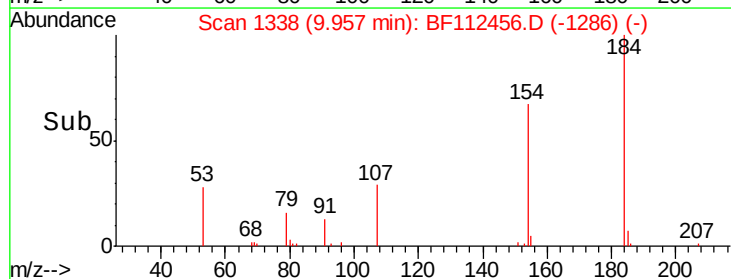
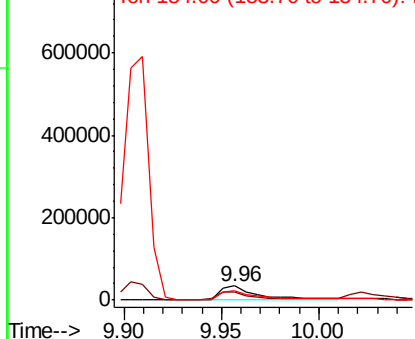


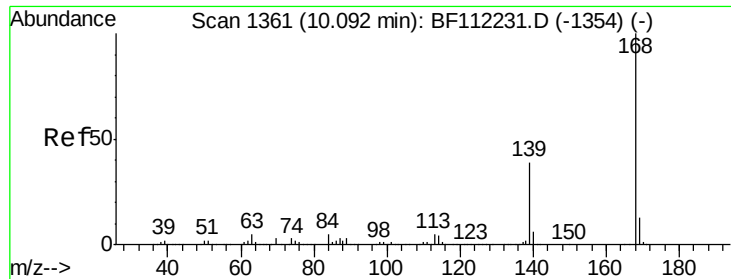
#54
2,4-Dinitrophenol
Concen: 36.349 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:184 Resp: 48965
Ion Ratio Lower Upper
184 100
63 57.9 47.1 70.7
154 67.5 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

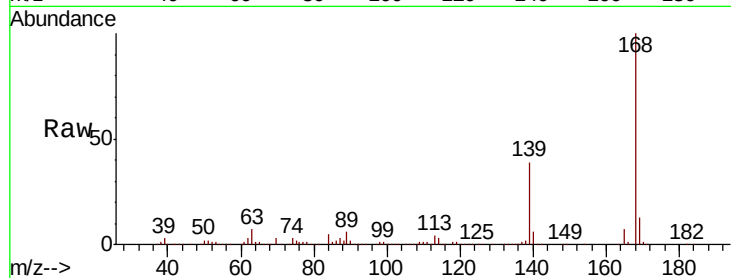




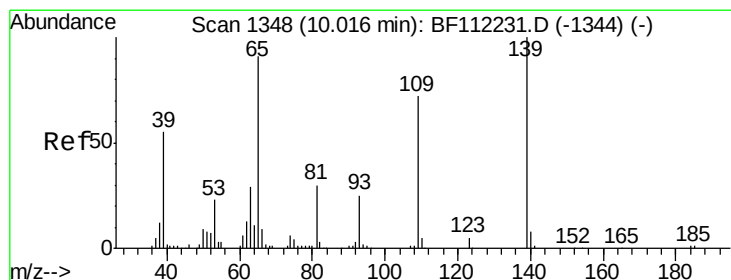
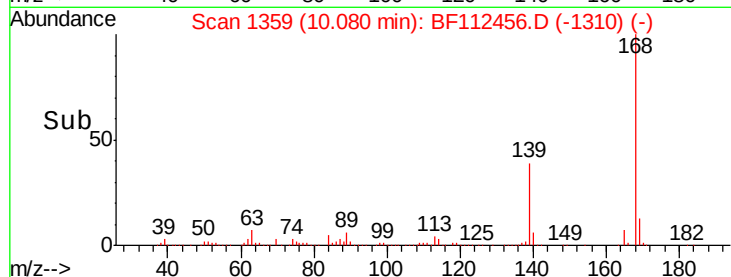
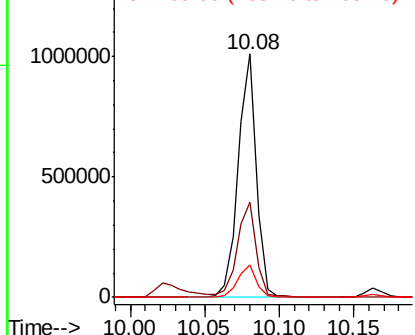
#55
Dibenzenofuran
Concen: 39.554 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 865492
Ion Ratio Lower Upper
168 100
139 39.1 29.2 43.8
169 13.2 11.4 17.0

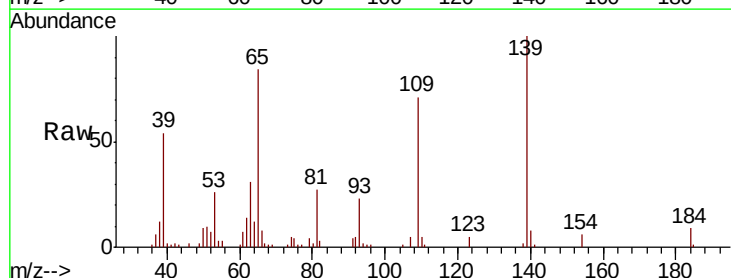


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

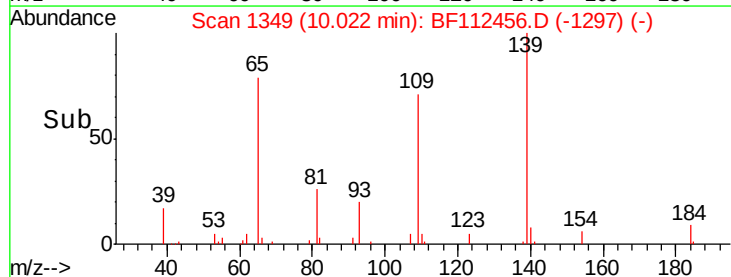
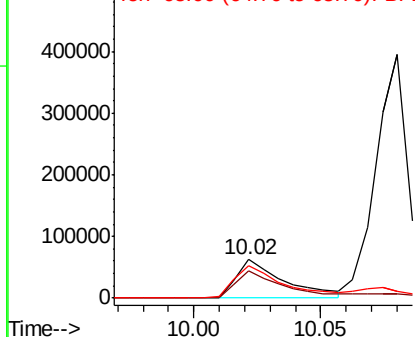


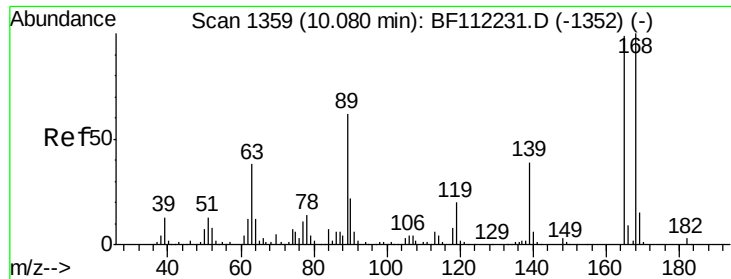
#56
4-Nitrophenol
Concen: 33.799 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:139 Resp: 81260
Ion Ratio Lower Upper
139 100
109 71.0 42.8 82.8
65 84.4 66.1 106.1



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

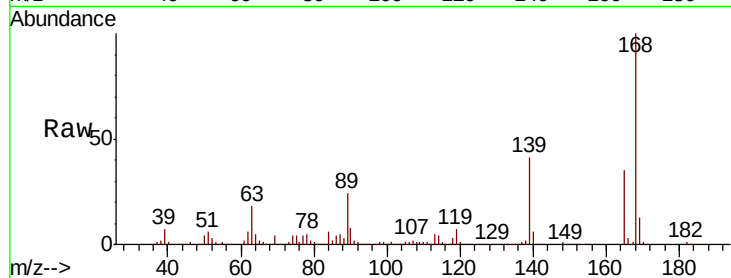




#57
2,4-Dinitrotoluene
Concen: 40.976 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	27.9	41.9#
89	70.1	47.9	71.9
182	2.6	2.2	3.4



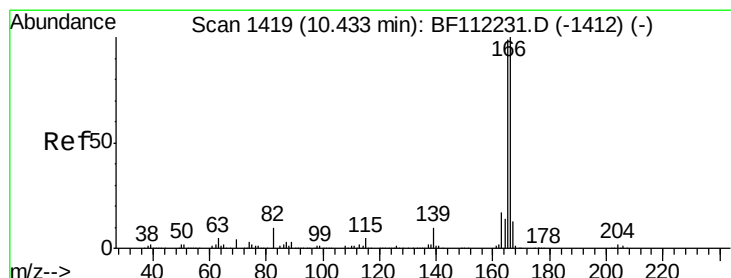
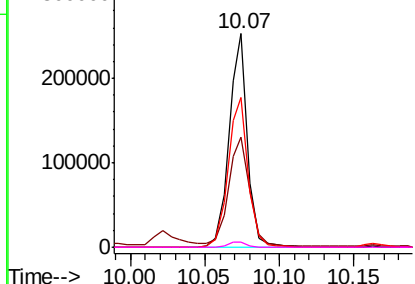
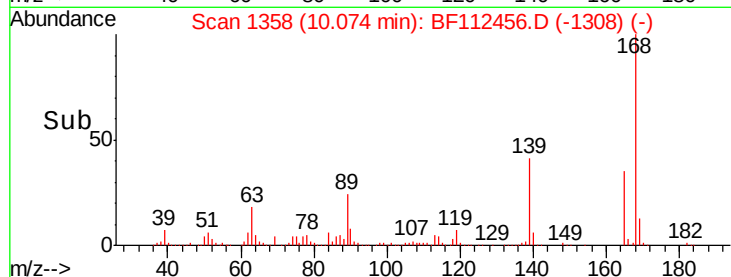
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

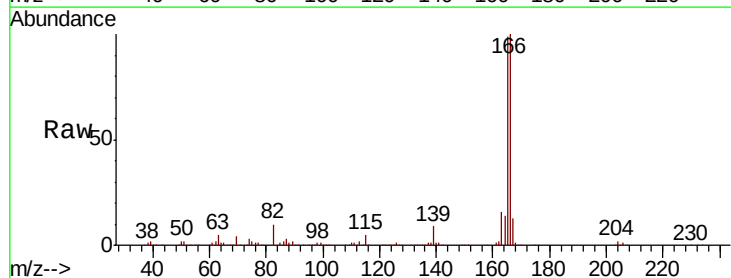
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.499 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.1	115.7
167	13.3	11.3	16.9

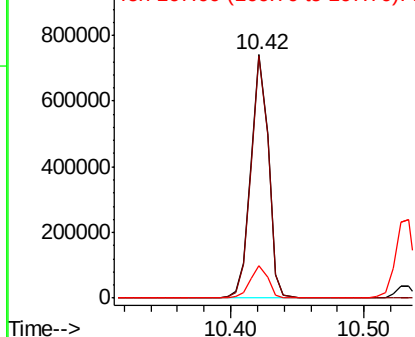
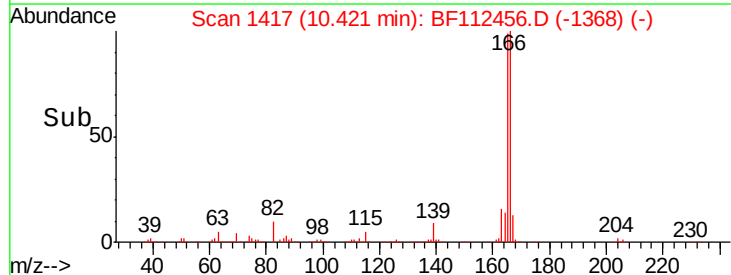


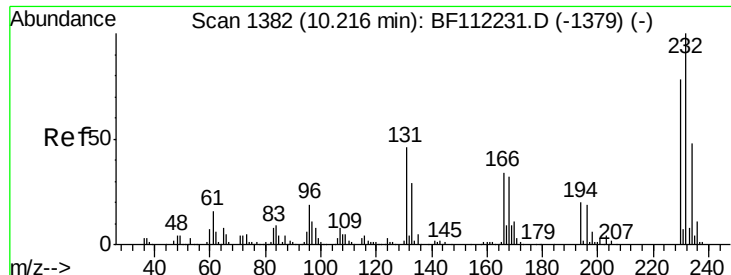
Abundance

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

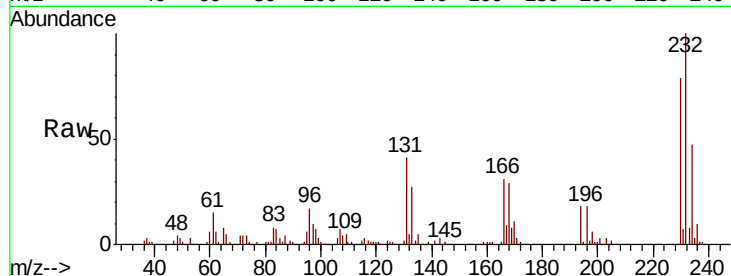




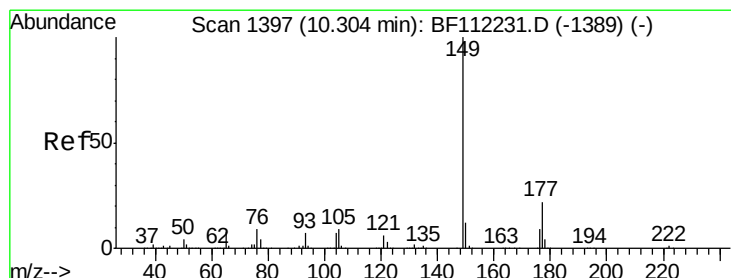
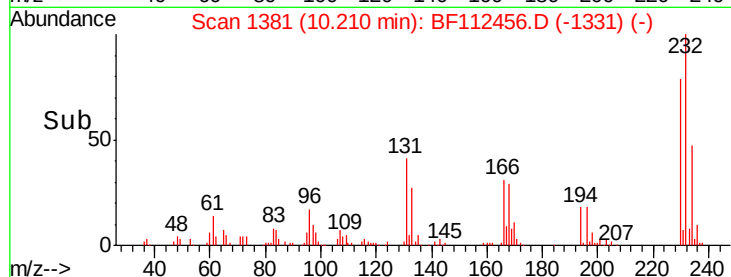
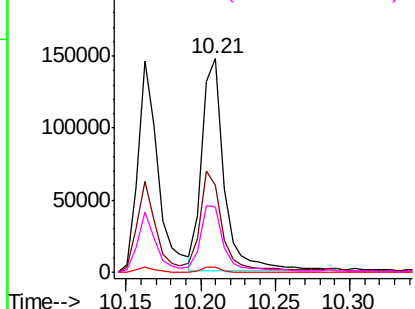
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.297 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	151528
Ion	Ratio	Lower	Upper
232	100		
131	48.9	33.9	50.9
130	2.5	1.8	2.6
166	32.2	23.6	35.4

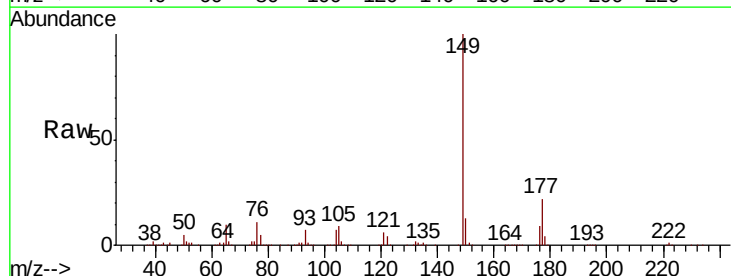


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

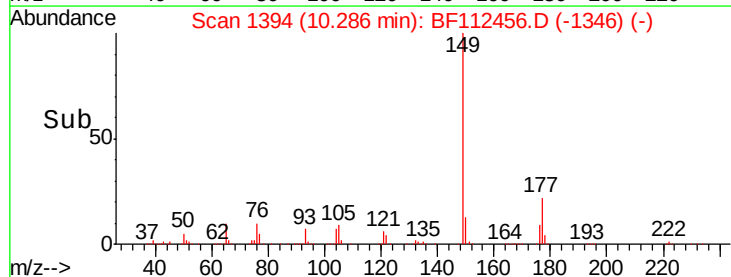
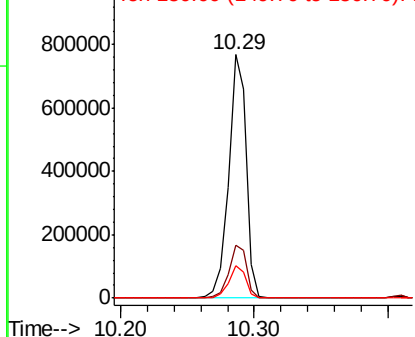


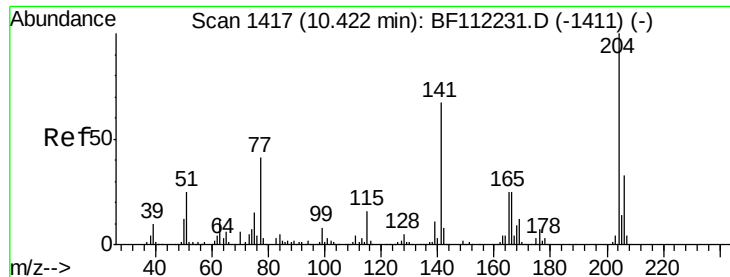
#60
Diethylphthalate
Concen: 38.306 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:	149	Resp:	712460
Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.2	27.2
150	13.1	10.4	15.6



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

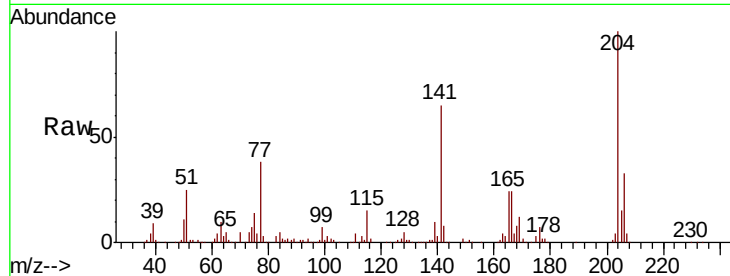




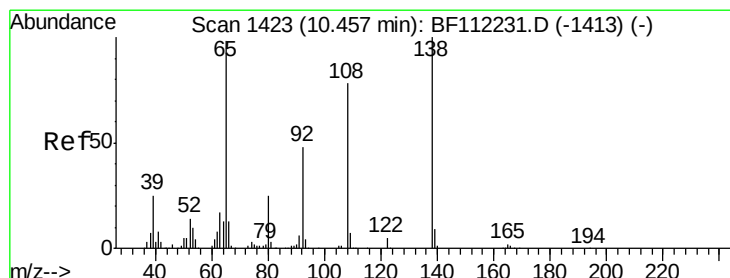
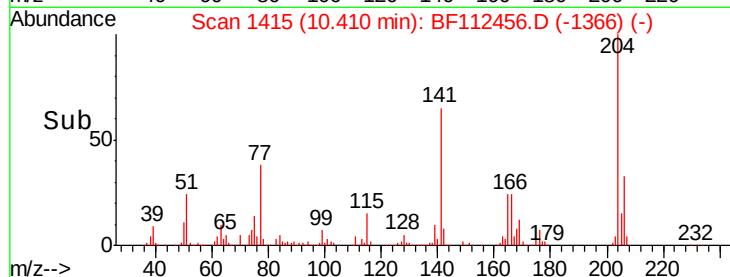
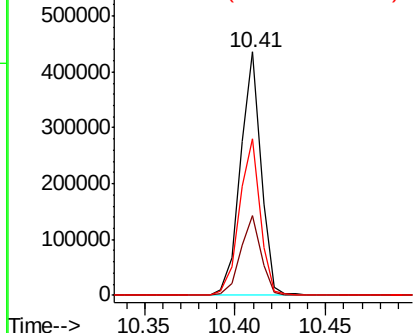
#61
4-Chlorophenyl-phenylether
Concen: 38.476 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 342713
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.6 45.9 68.9

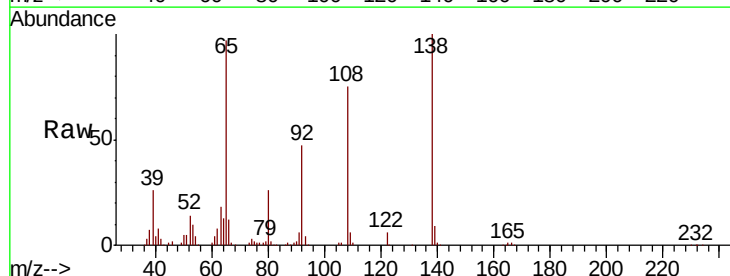


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

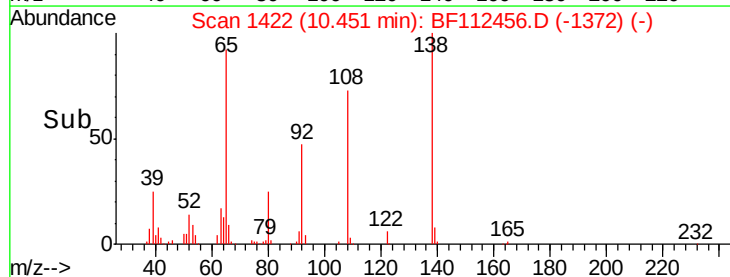
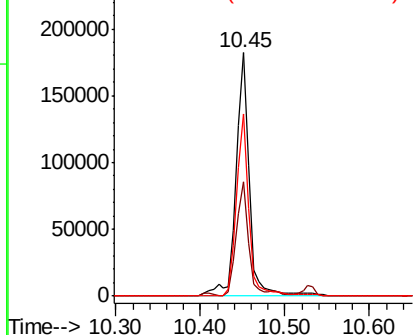


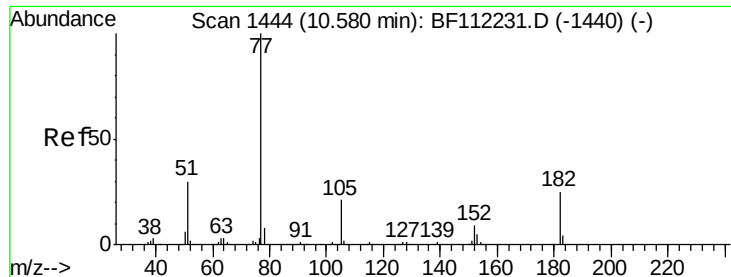
#62
4-Nitroaniline
Concen: 44.235 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:138 Resp: 197305
Ion Ratio Lower Upper
138 100
92 46.9 30.6 70.6
108 74.6 50.0 90.0



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





#63

Azobenzene

Concen: 39.598 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 647730

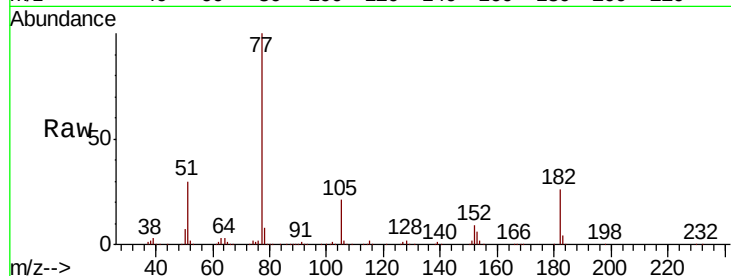
Ion Ratio Lower Upper

77 100

182 25.7 5.7 45.7

105 21.1 1.4 41.4

51 30.0 9.5 49.5

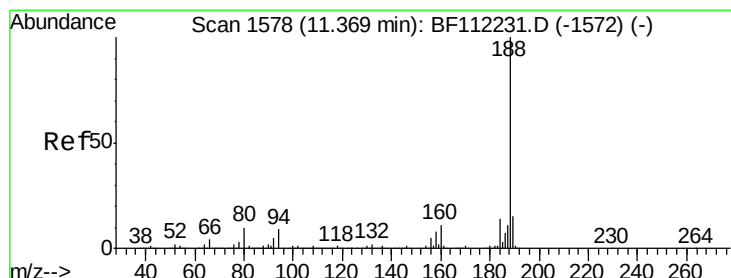
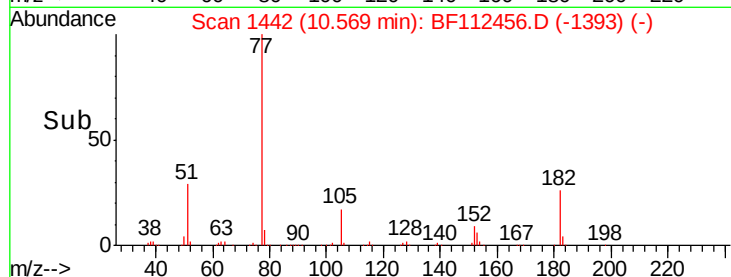
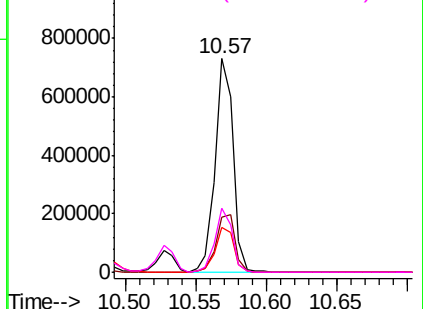


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

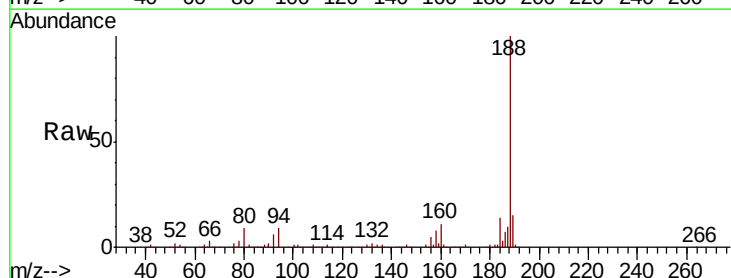
Tgt Ion: 188 Resp: 482440

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

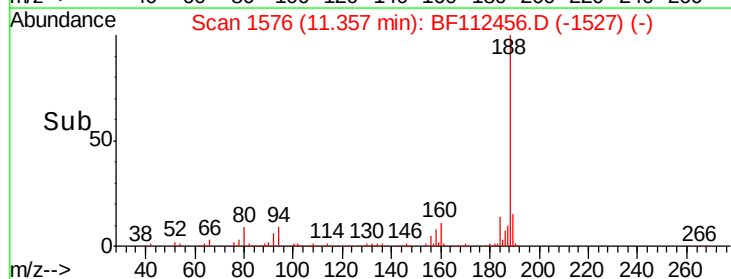
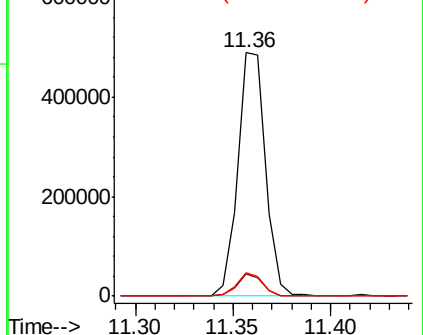
80 9.5 8.9 13.3

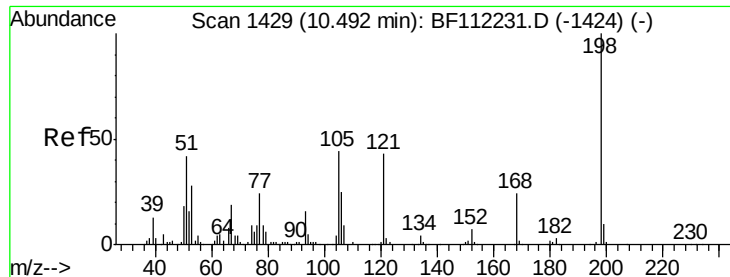


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

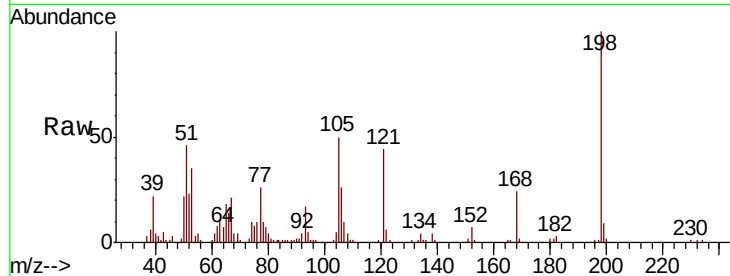




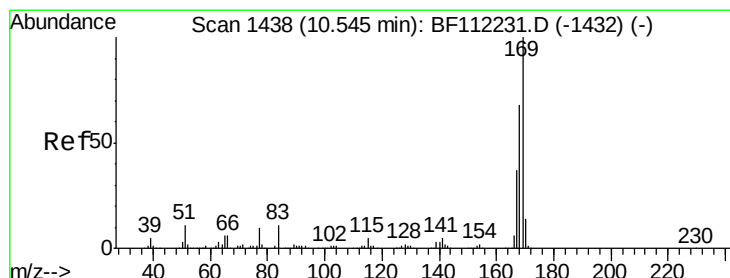
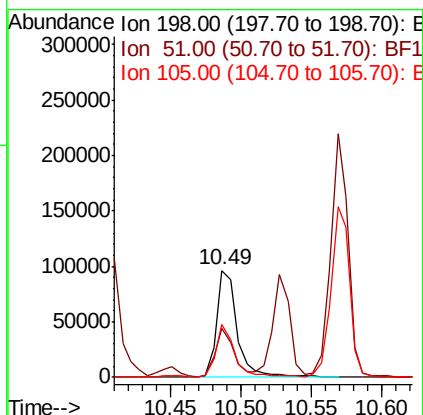
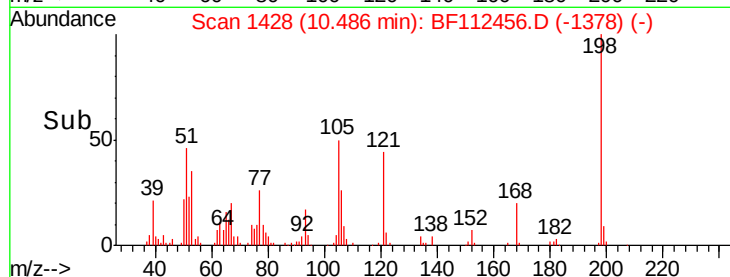
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.350 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 98323
 Ion Ratio Lower Upper
 198 100
 51 45.7 17.2 57.2
 105 49.9 21.9 61.9

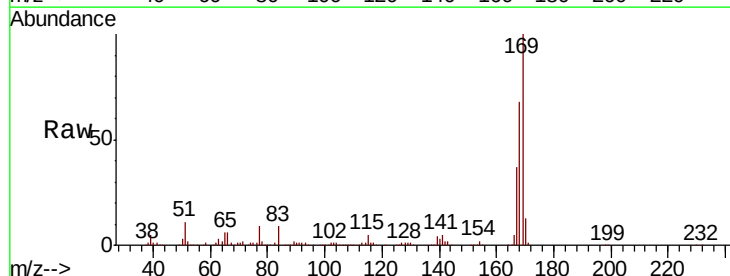


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

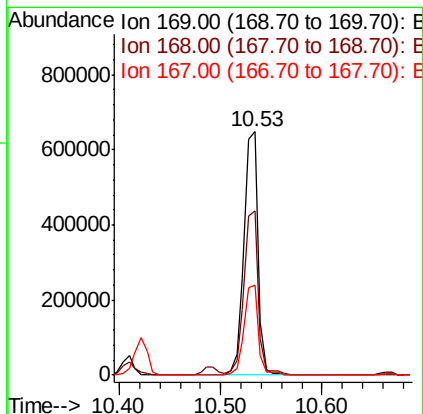
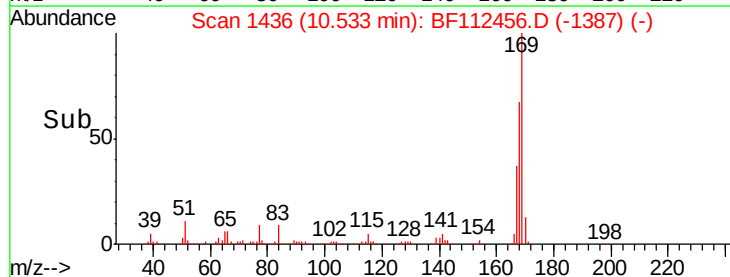


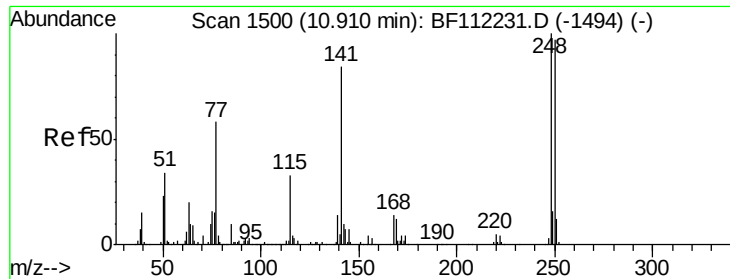
#66
 n-Nitrosodiphenylamine
 Concen: 38.651 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Tgt Ion:169 Resp: 628451
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.9 80.9
 167 36.7 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: 37.090 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

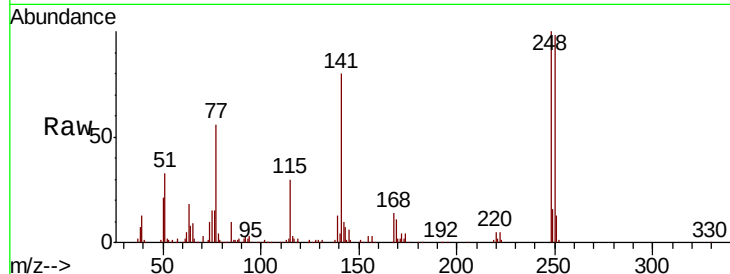
Tot Ion:248 Resp: 210455

Ion Ratio Lower Upper

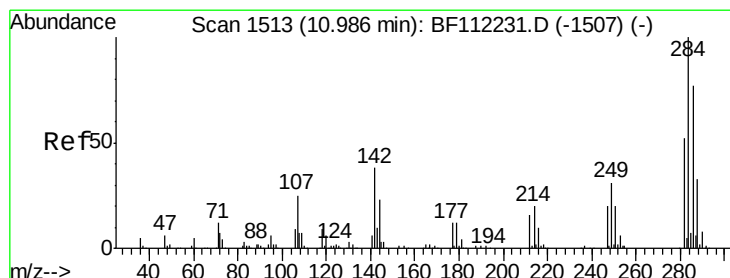
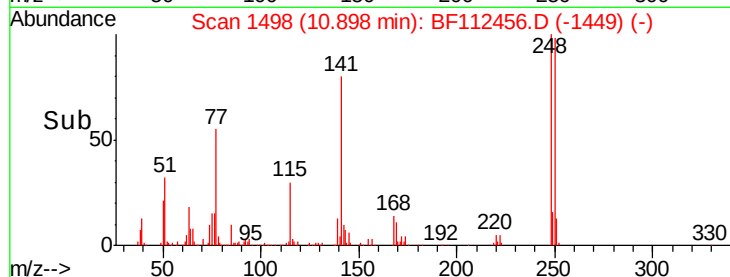
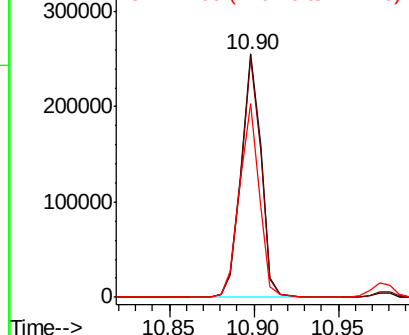
248 100

250 98.5 79.7 119.5

141 79.8 60.3 90.5



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



#68

Hexachlorobenzene

Concen: 38.095 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

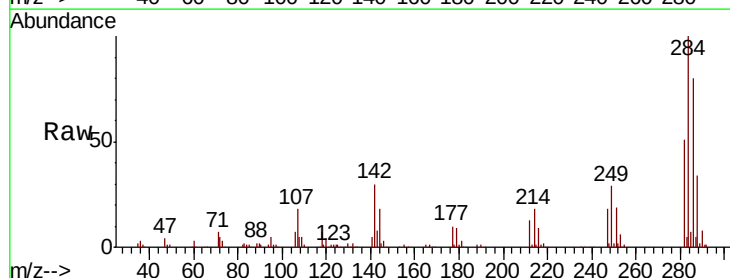
Tgt Ion:284 Resp: 231913

Ion Ratio Lower Upper

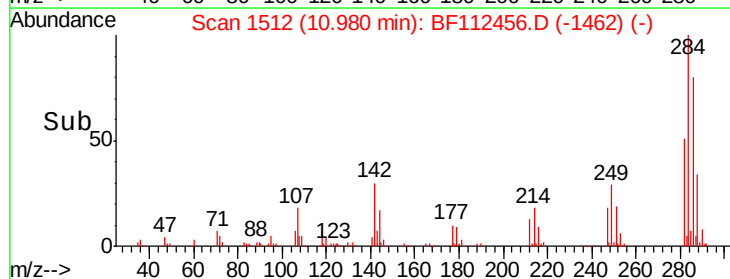
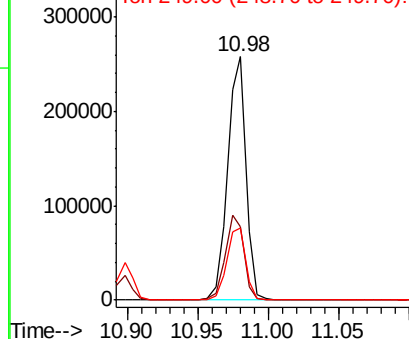
284 100

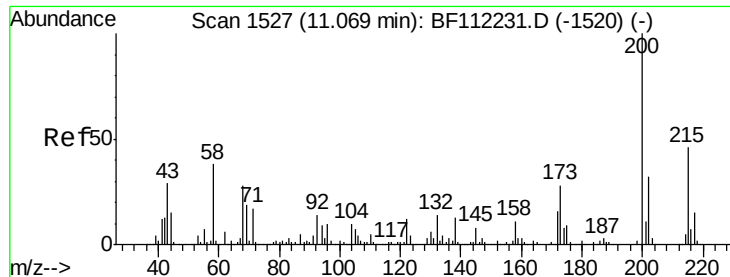
142 30.0 27.6 41.4

249 29.4 24.1 36.1



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





#69

Atrazine

Concen: 34.912 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

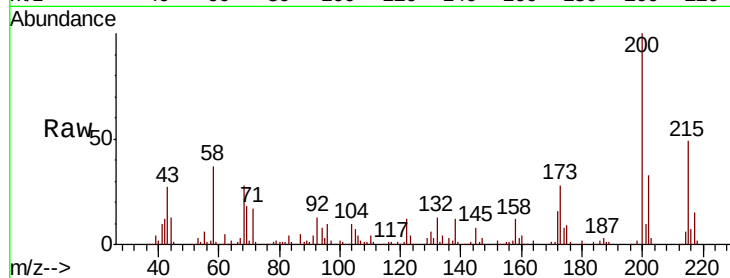
Tot Ion:200 Resp: 183163

Ion Ratio Lower Upper

200 100

173 27.8 7.1 47.1

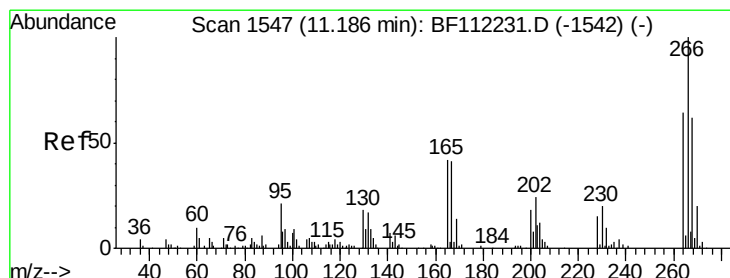
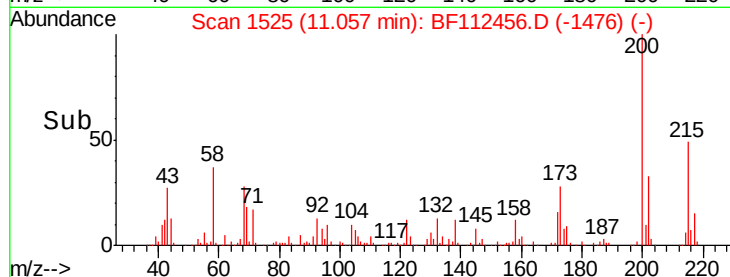
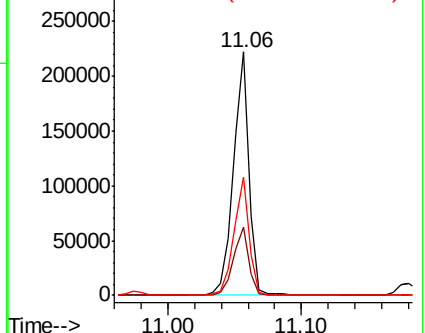
215 48.6 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.608 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

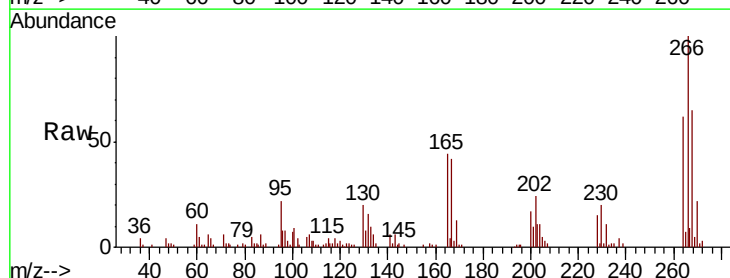
Tgt Ion:266 Resp: 86715

Ion Ratio Lower Upper

266 100

268 65.0 51.2 76.8

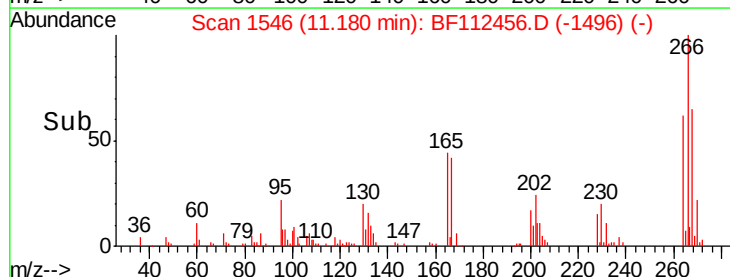
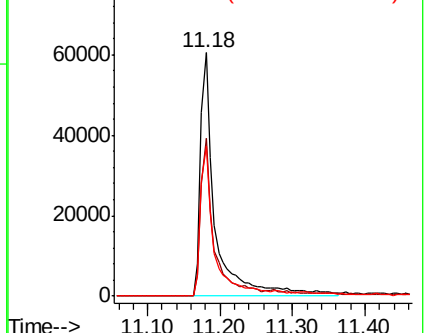
264 61.7 50.9 76.3

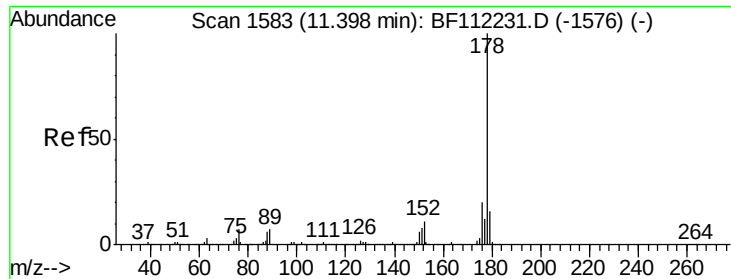


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.663 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

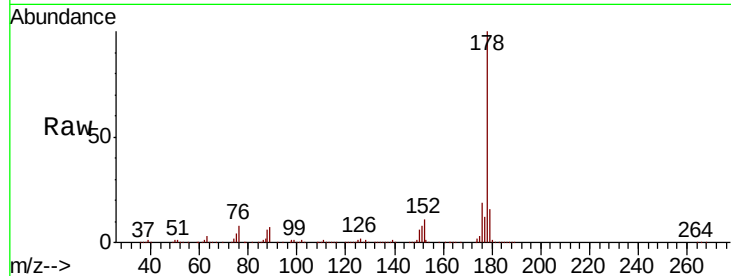
Tot Ion:178 Resp: 969732

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

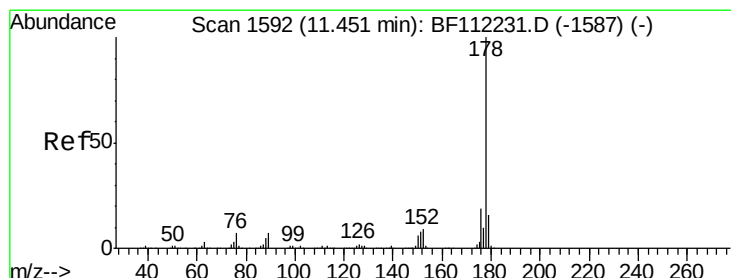
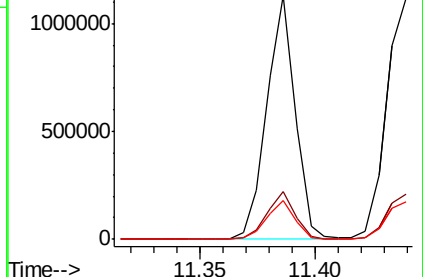
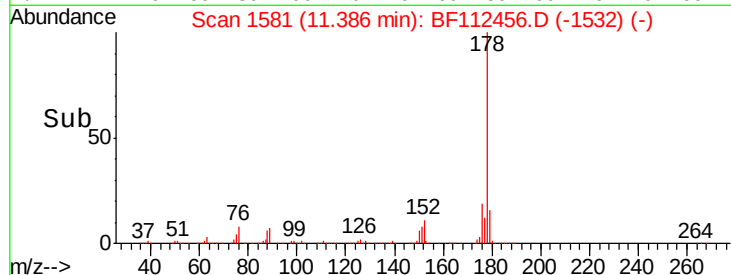
179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.990 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

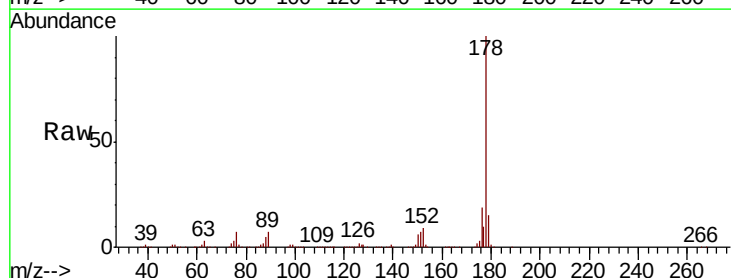
Tgt Ion:178 Resp: 999114

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

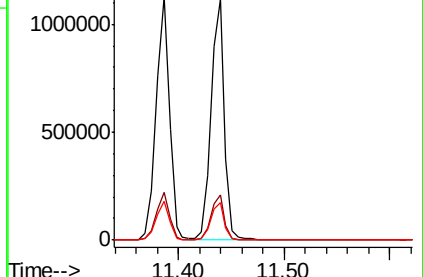
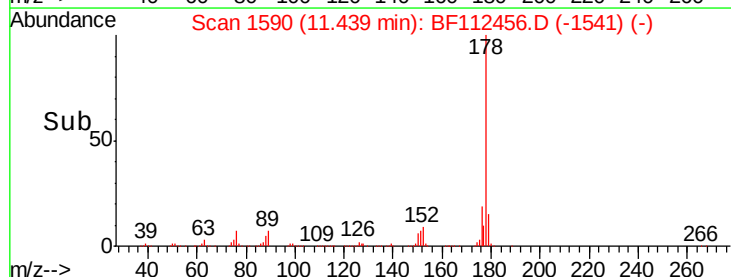
179 15.4 12.8 19.2

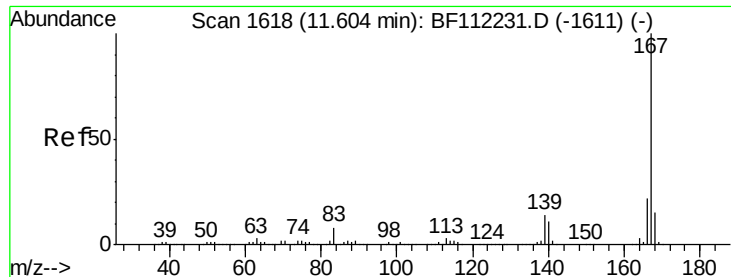


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

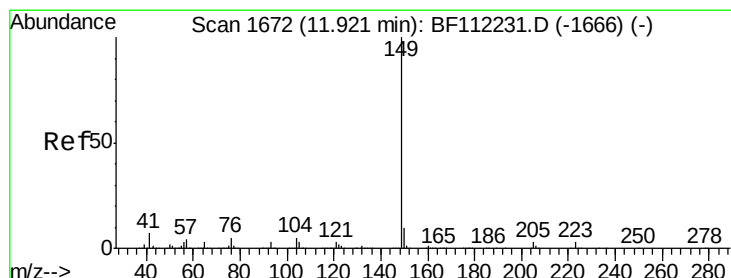
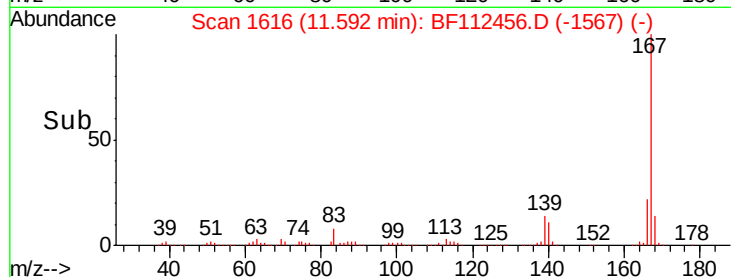
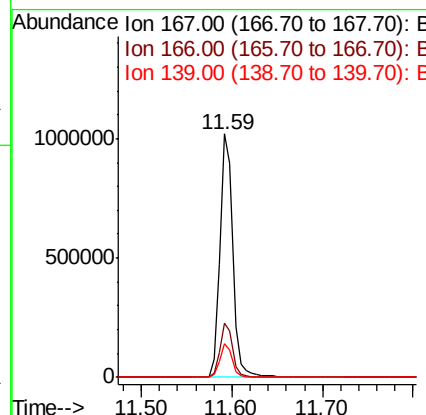
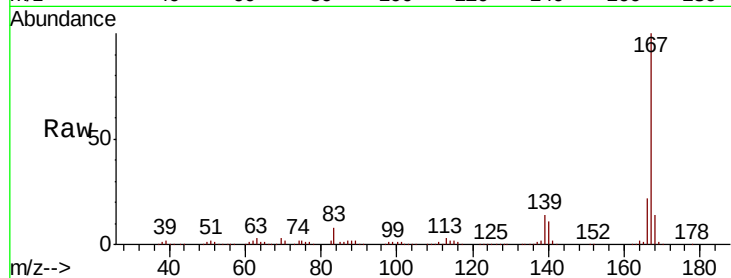




#73
 Carbazole
 Concen: 40.777 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

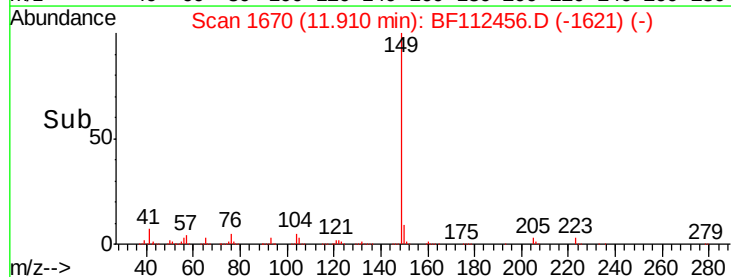
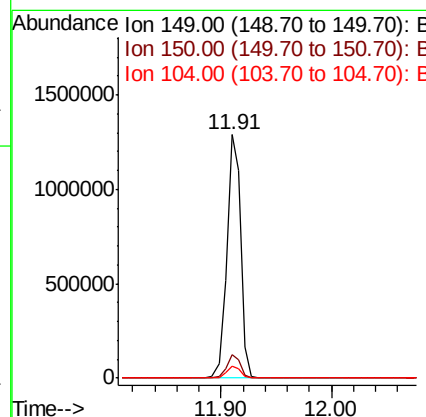
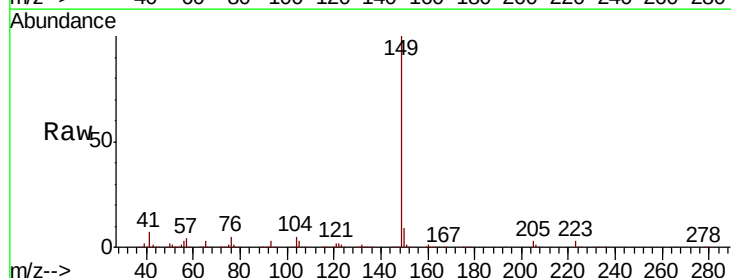
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

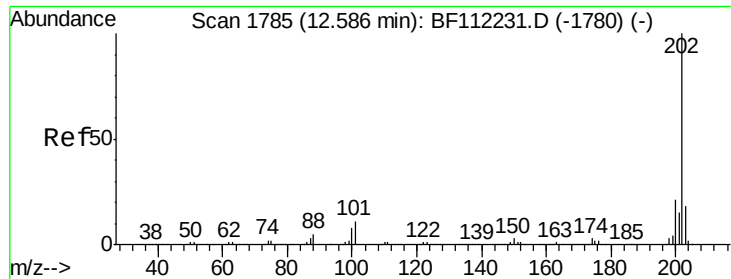
Tot Ion:167 Resp: 1004947
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 13.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 36.721 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112456.D
 Acq: 8 Feb 2019 13:37

Tgt Ion:149 Resp: 1123308
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 38.532 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

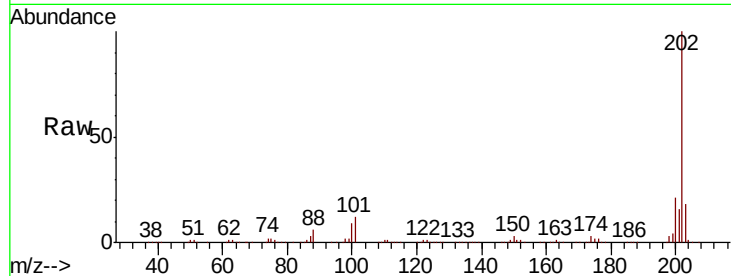
Tot Ion:202 Resp: 1036563

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.8

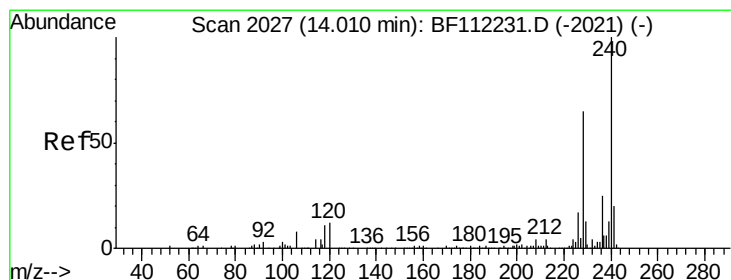
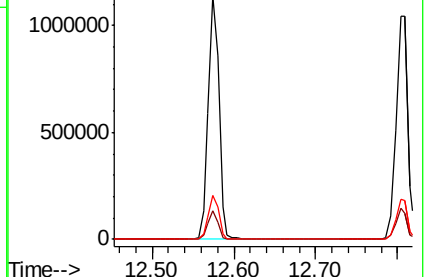
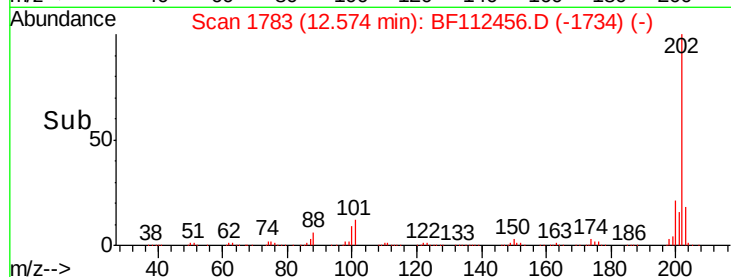
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

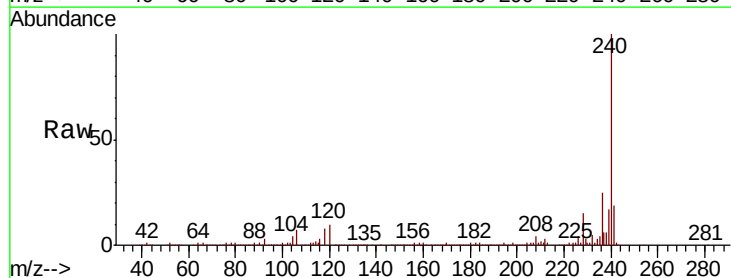
Tgt Ion:240 Resp: 394591

Ion Ratio Lower Upper

240 100

120 9.6 9.0 13.6

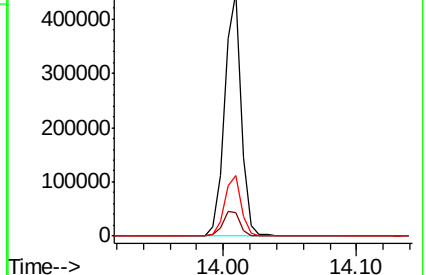
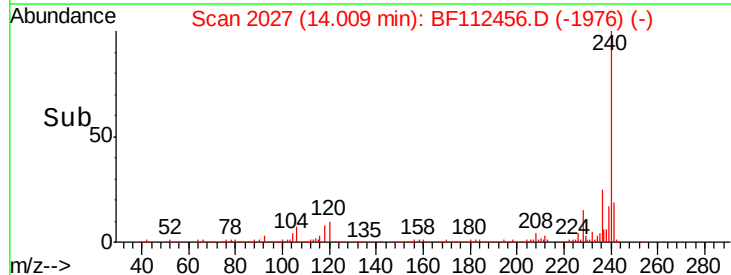
236 24.9 20.7 31.1

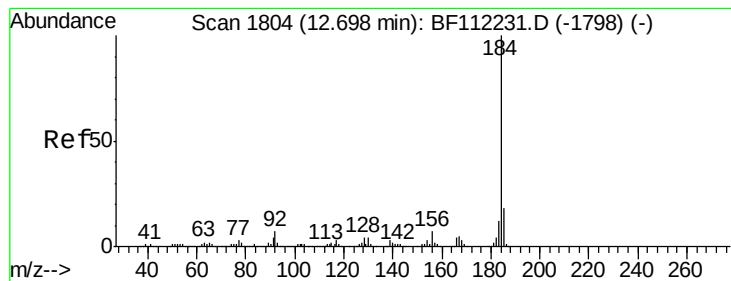


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.765 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

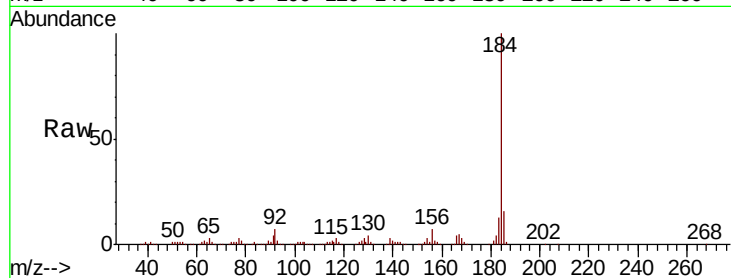
Tot Ion:184 Resp: 431866

Ion Ratio Lower Upper

184 100

185 16.2 13.9 20.9

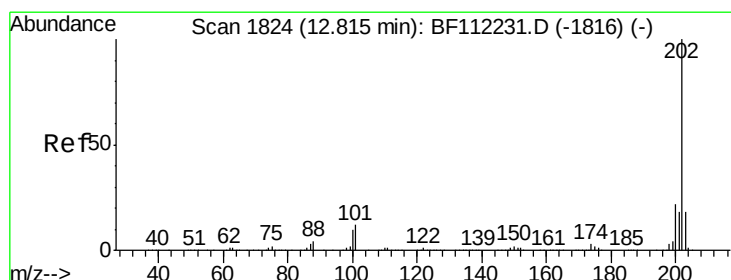
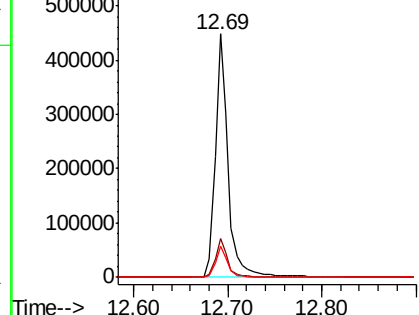
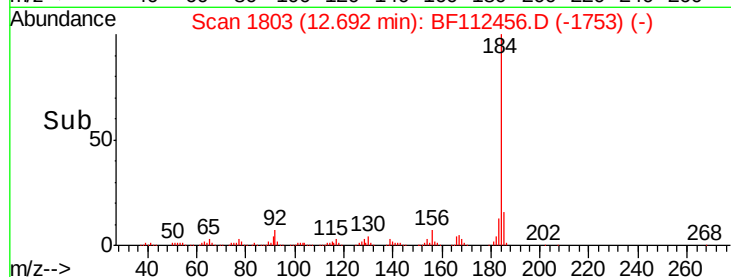
183 12.7 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.015 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

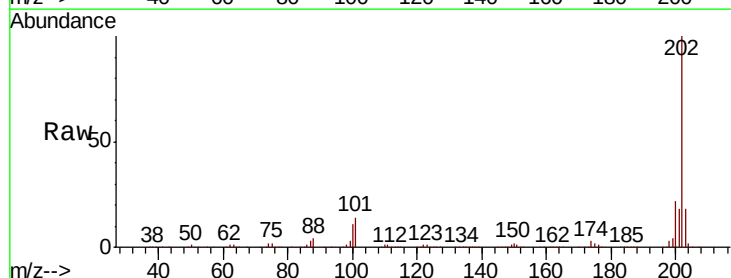
Tgt Ion:202 Resp: 1065869

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

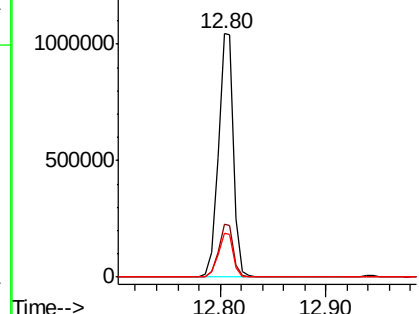
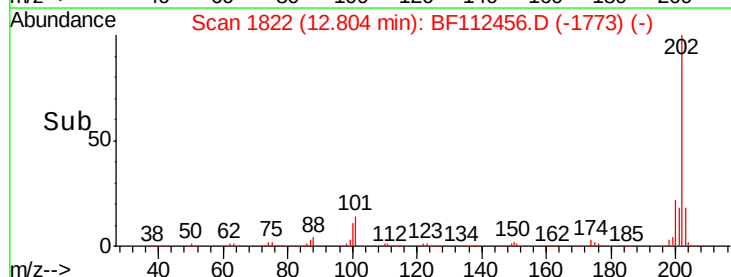
203 17.8 14.6 22.0

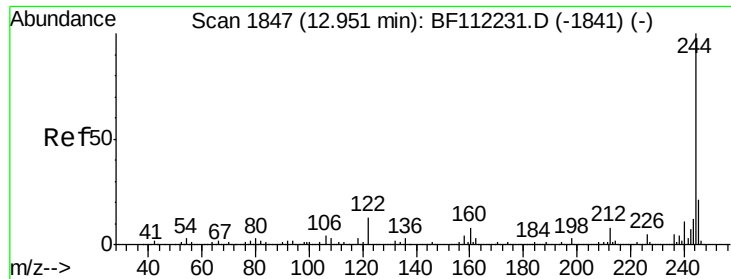


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.132 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

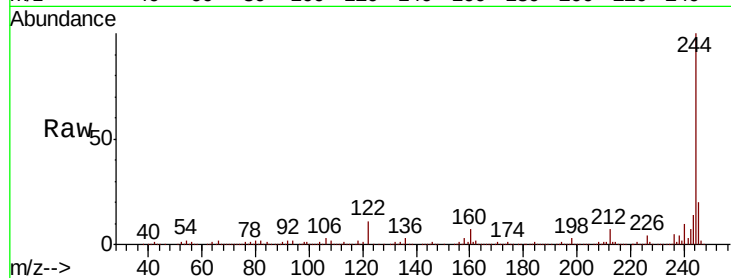
Tot Ion:244 Resp: 1553098

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.5 9.8 14.6

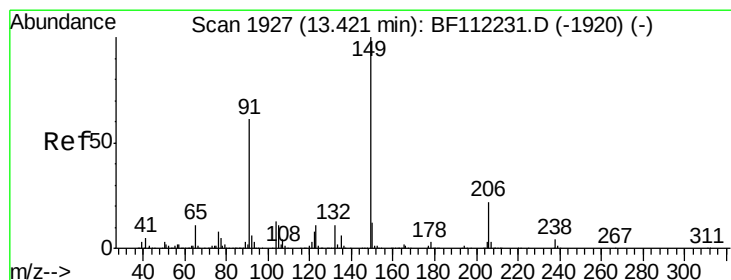
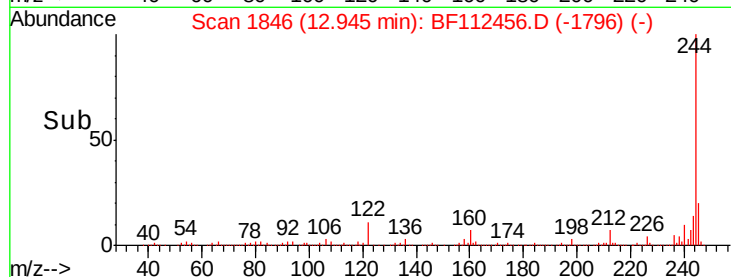
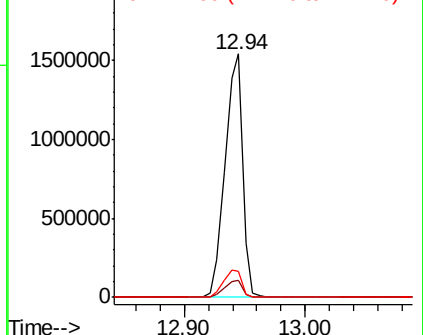


Abundance

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: 35.851 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

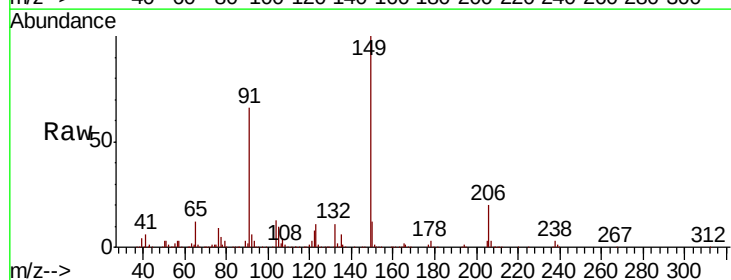
Tgt Ion:149 Resp: 473867

Ion Ratio Lower Upper

149 100

91 66.0 50.3 75.5

206 19.6 18.2 27.4

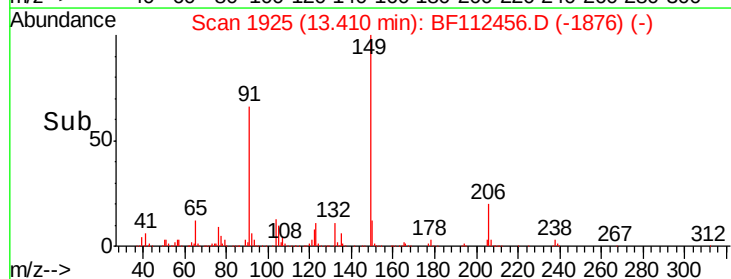
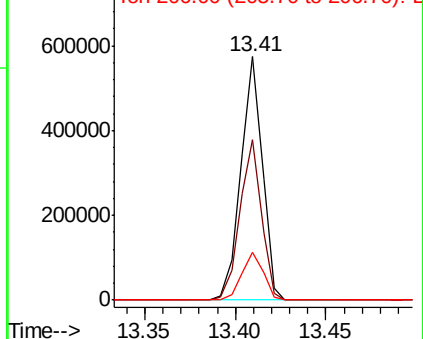


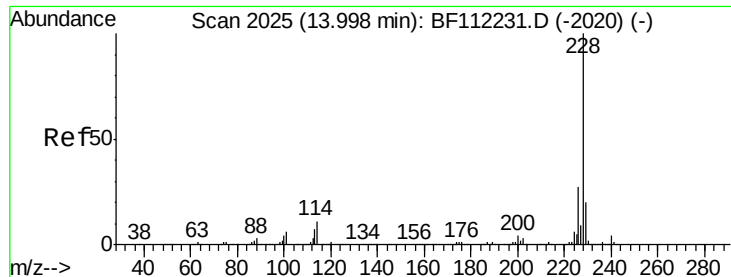
Abundance

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

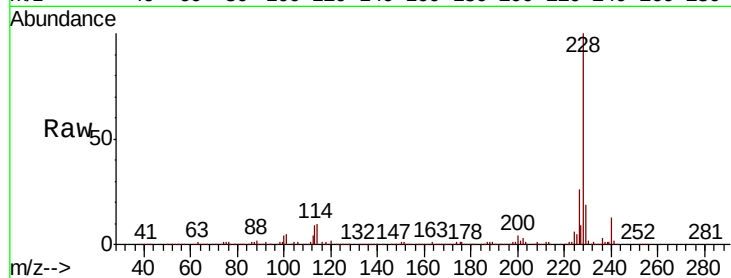




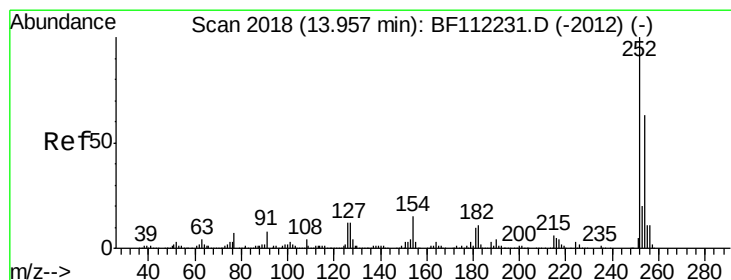
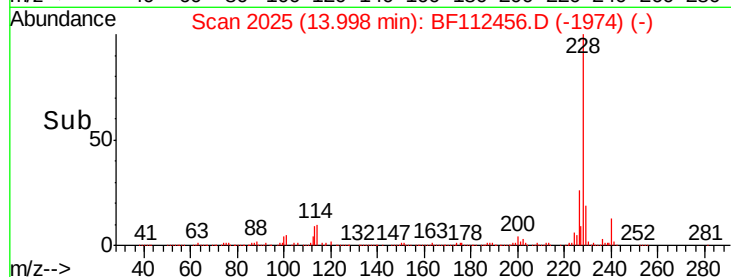
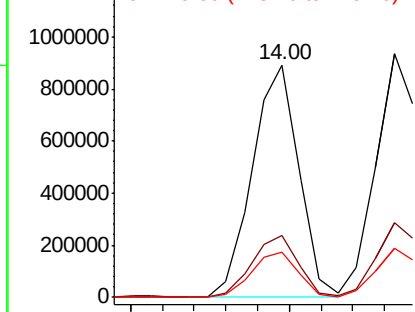
#81
Benzo(a)anthracene
Concen: 39.184 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 908925
Ion Ratio Lower Upper
228 100
226 26.5 22.6 34.0
229 19.3 16.5 24.7

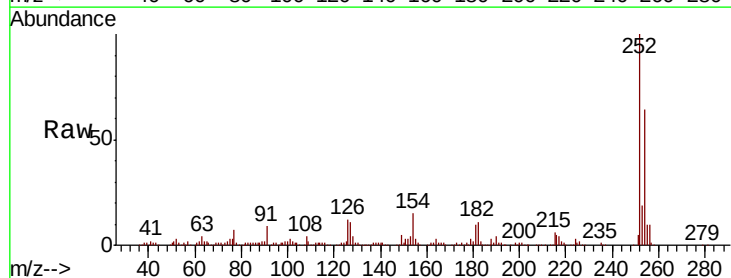


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

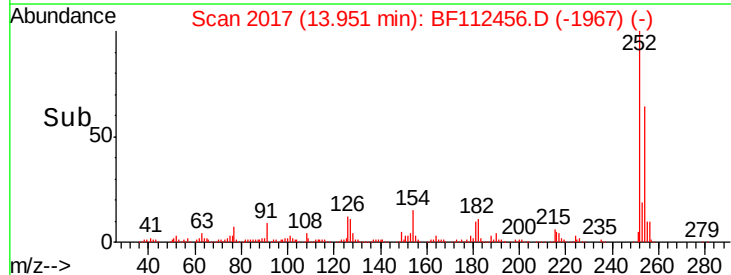
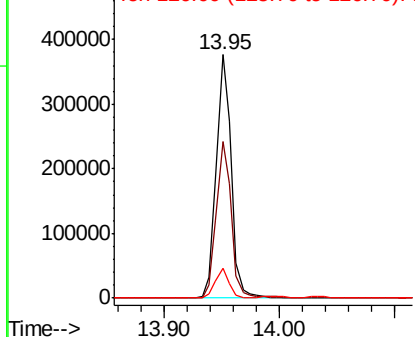


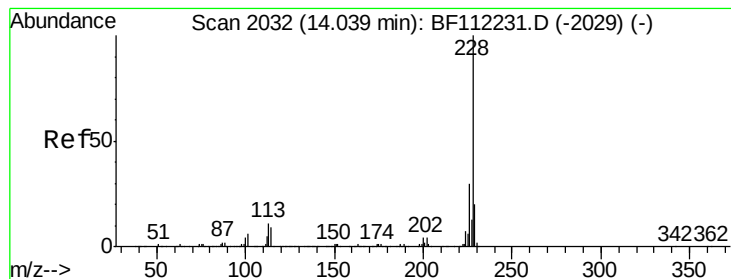
#82
3,3'-Dichlorobenzidine
Concen: 39.049 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:252 Resp: 338986
Ion Ratio Lower Upper
252 100
254 64.2 51.6 77.4
126 12.2 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.858 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

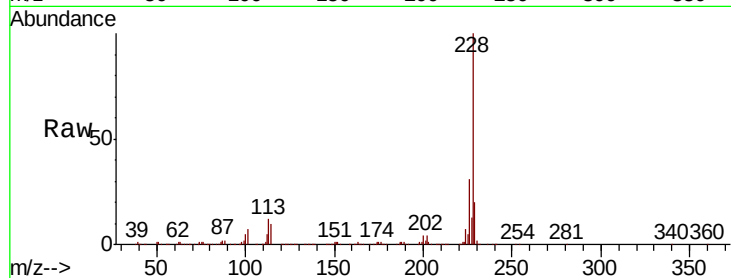
Tot Ion:228 Resp: 860385

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

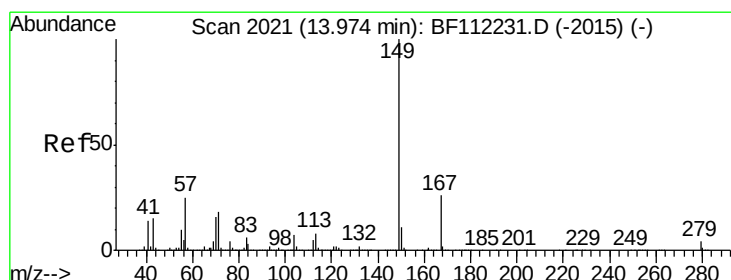
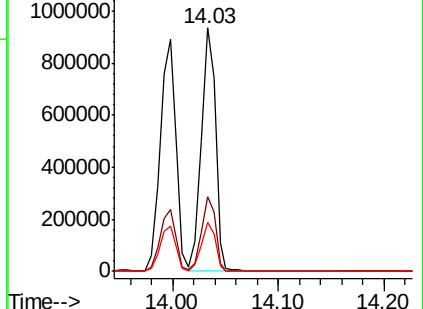
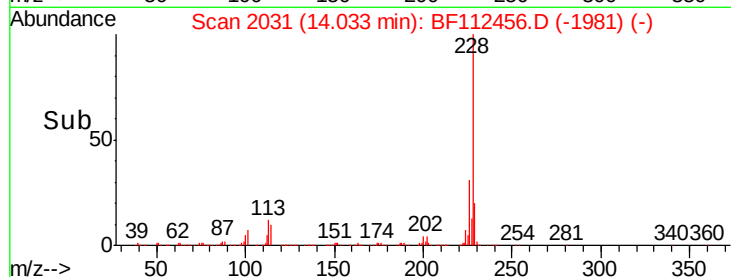
229 20.3 16.6 24.8



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: 33.586 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

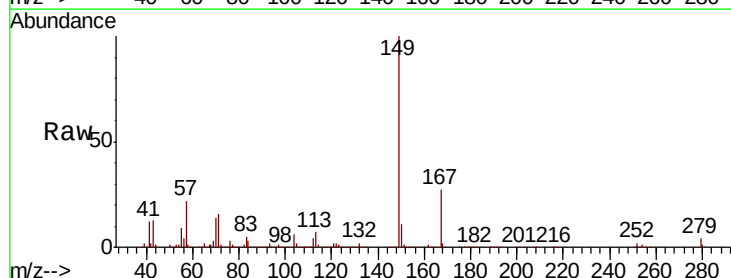
Tgt Ion:149 Resp: 630135

Ion Ratio Lower Upper

149 100

167 26.9 22.5 33.7

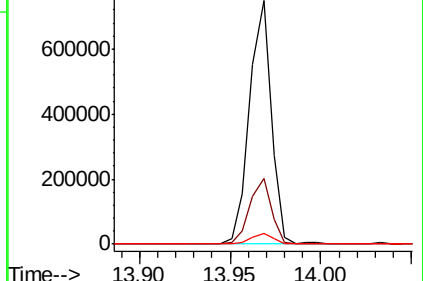
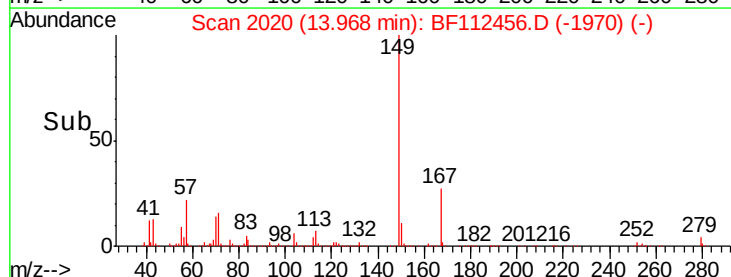
279 4.5 3.8 5.6

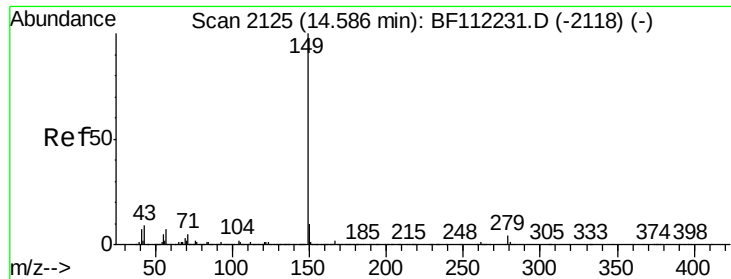


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.409 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

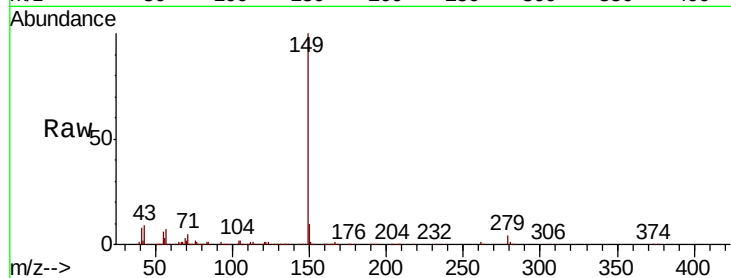
Tot Ion:149 Resp: 964379

Ion Ratio Lower Upper

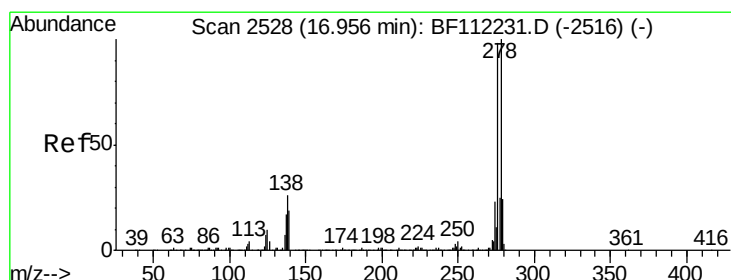
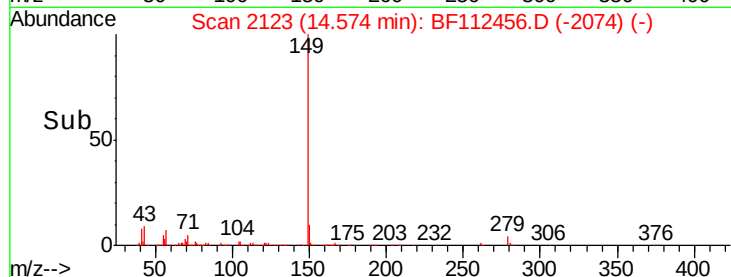
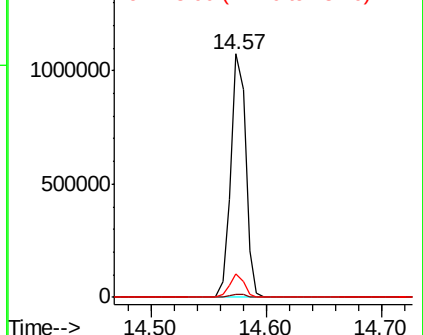
149 100

167 1.6 1.3 1.9

43 8.9 7.8 11.6



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.139 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

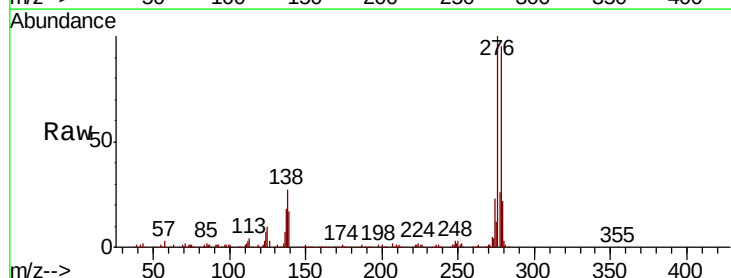
Tgt Ion:276 Resp: 616504

Ion Ratio Lower Upper

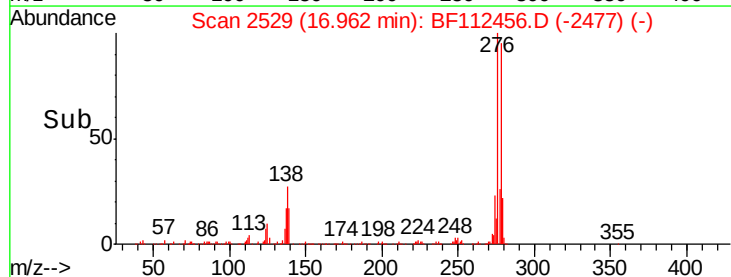
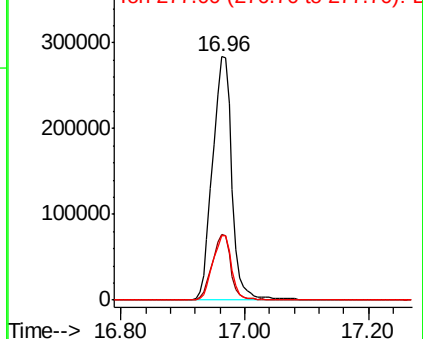
276 100

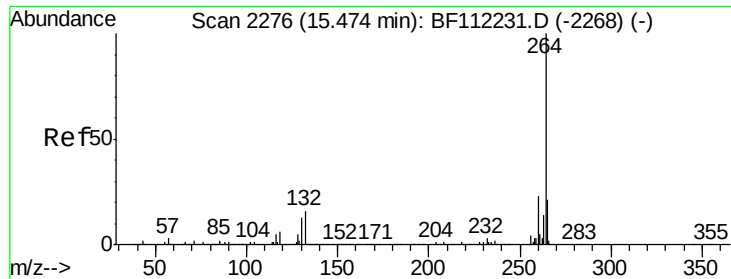
138 26.2 22.6 34.0

277 25.7 20.3 30.5



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

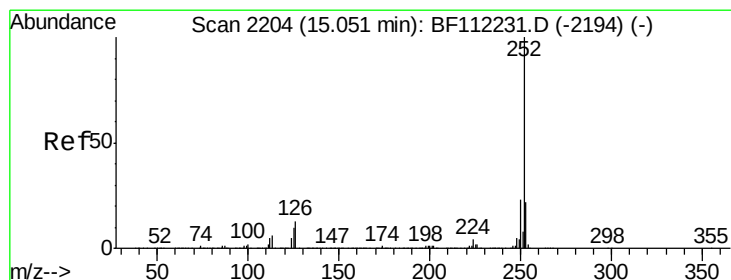
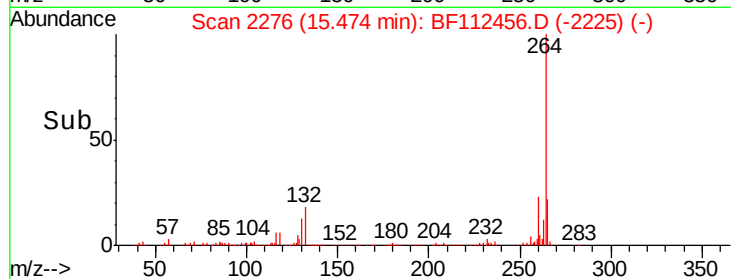
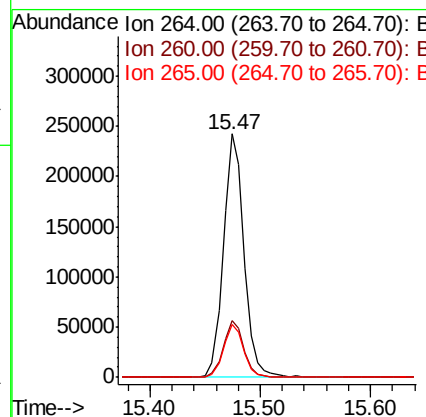
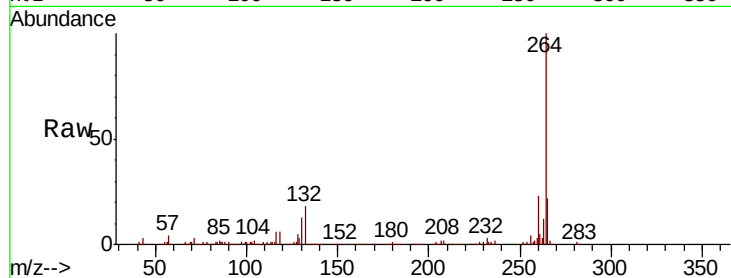




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

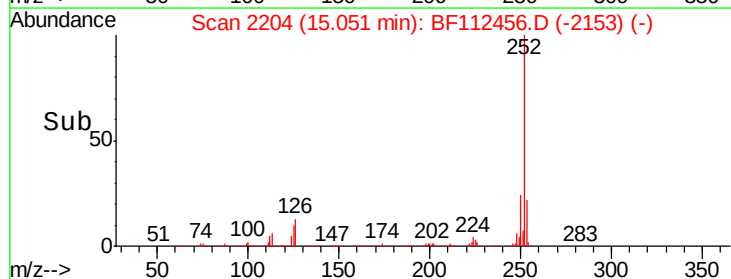
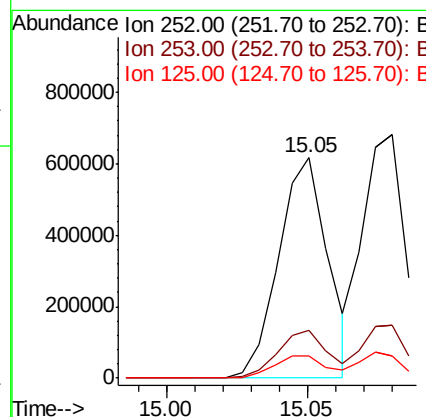
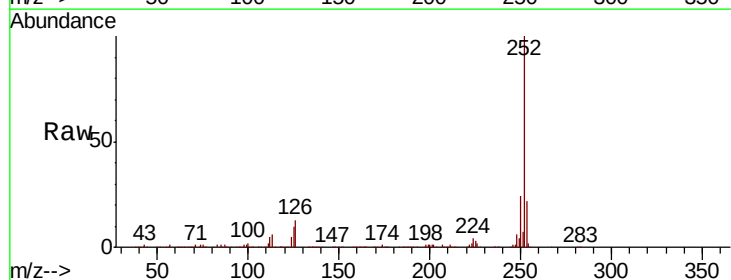
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

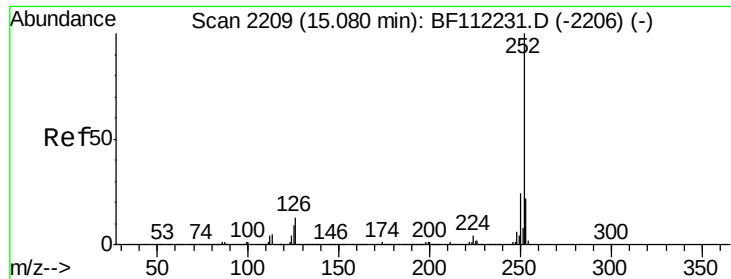
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.9	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 39.840 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.1	8.7	13.1

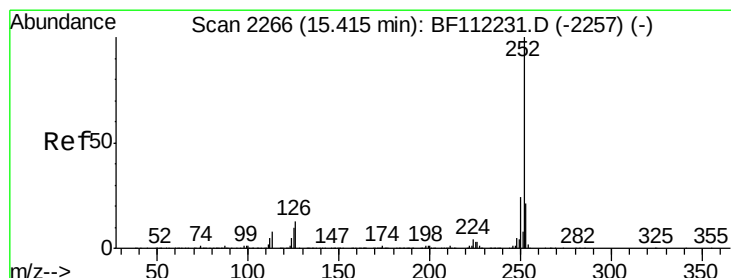
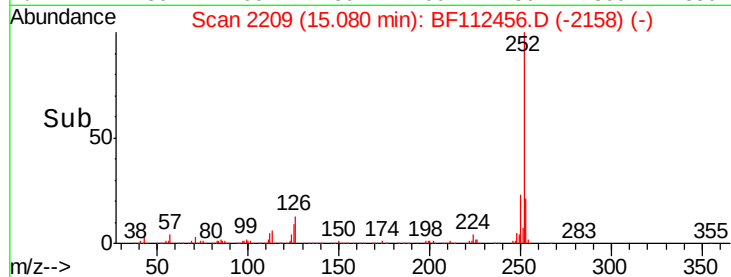
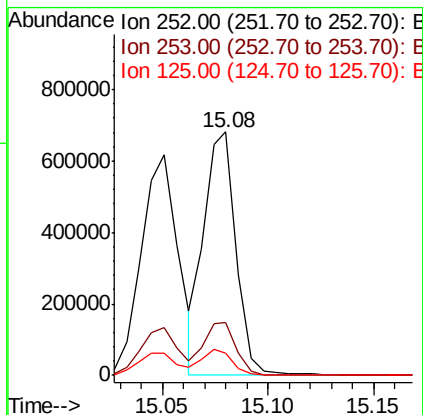
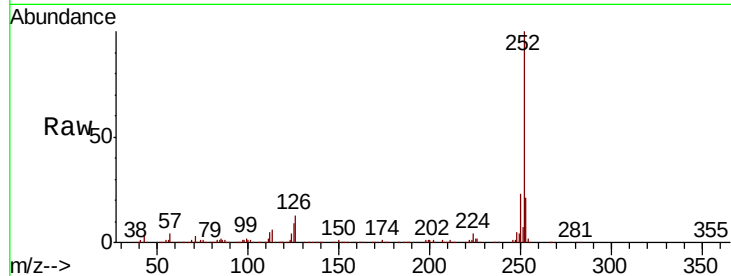




#89
Benzo(k)fluoranthene
Concen: 39.939 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

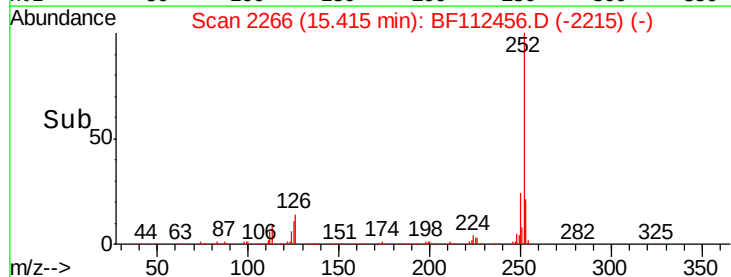
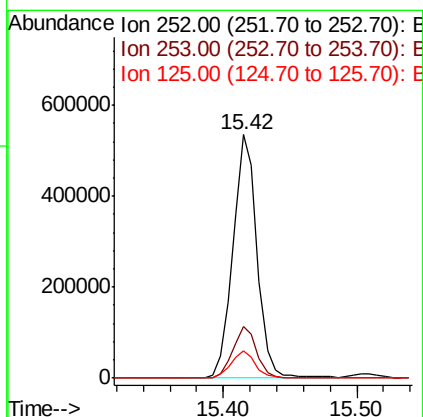
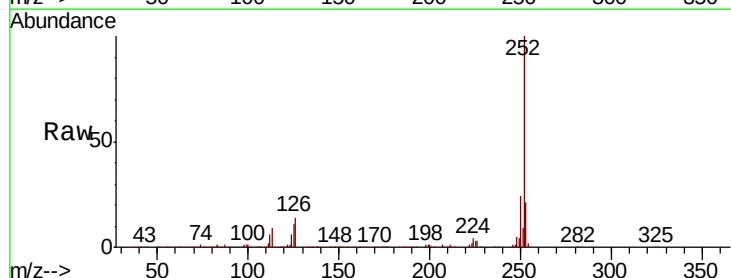
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

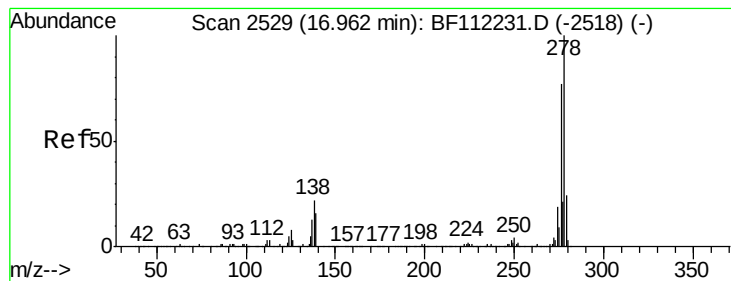
Tot Ion:252 Resp: 716580
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 9.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.923 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF112456.D
Acq: 8 Feb 2019 13:37

Tgt Ion:252 Resp: 672859
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 11.3 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 38.028 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

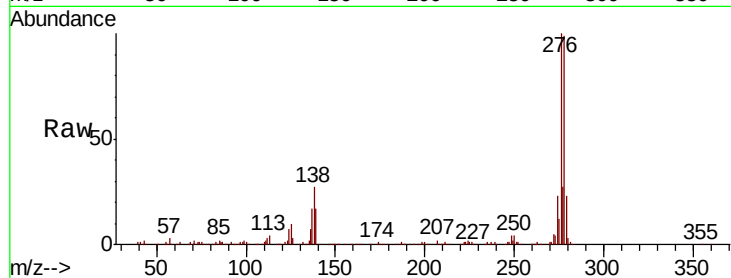
Tot Ion:278 Resp: 516549

Ion Ratio Lower Upper

278 100

139 17.0 13.7 20.5

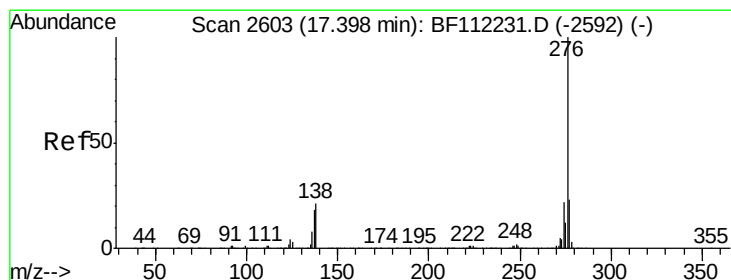
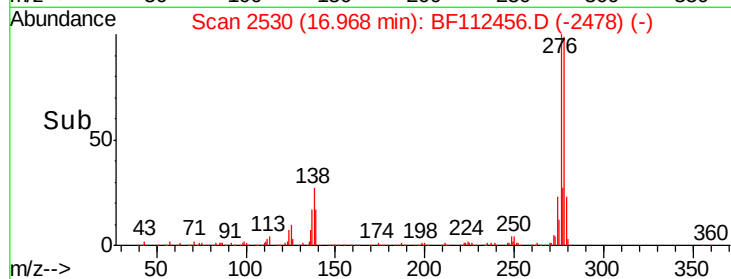
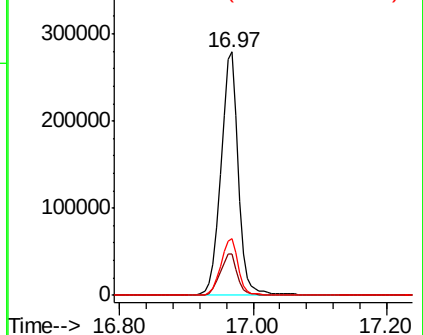
279 23.3 19.0 28.6



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: 38.965 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF112456.D

Acq: 8 Feb 2019 13:37

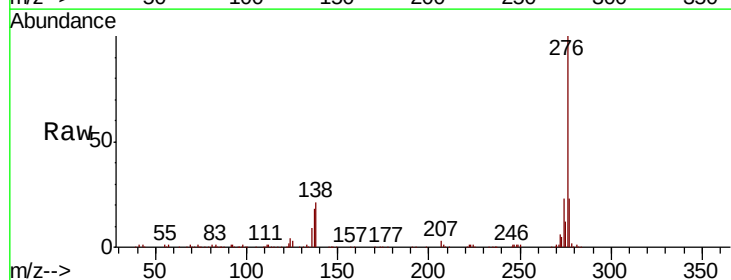
Tgt Ion:276 Resp: 499347

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 21.3 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

