

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113084.D
 Acq On : 18 Mar 2019 12:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 19 04:48:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	217608	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	838241	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	396134	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	779570	20.00	ng	0.00
76) Chrysene-d12	13.87	240	597909	20.00	ng	0.00
87) Perylene-d12	15.27	264	574940	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	925660	66.17	ng	0.00
7) Phenol-d6	6.38	99	1254480	71.39	ng	0.00
23) Nitrobenzene-d5	7.30	82	1168976	83.45	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	378988	90.12	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1979294	82.02	ng	0.00
79) Terphenyl-d14	12.82	244	2033243	65.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	256902	36.636	ng	98
3) Pyridine	3.11	79	520922	27.767	ng	99
4) n-Nitrosodimethylamine	3.05	42	244545	29.798	ng	98
6) Aniline	6.39	93	776229	32.091	ng	# 30
8) 2-Chlorophenol	6.52	128	586419	37.658	ng	93
9) Benzaldehyde	6.27	77	439531	34.713	ng	99
10) Phenol	6.39	94	699907	34.132	ng	# 70
11) bis(2-Chloroethyl)ether	6.47	93	557843	35.442	ng	96
12) 1,3-Dichlorobenzene	6.67	146	630130	39.171	ng	99
13) 1,4-Dichlorobenzene	6.75	146	633342	39.258	ng	99
14) 1,2-Dichlorobenzene	6.90	146	576547	38.985	ng	98
15) Benzyl Alcohol	6.87	79	474391	35.403	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	873020	33.237	ng	84
17) 2-Methylphenol	7.00	107	467501	37.006	ng	96
18) Hexachloroethane	7.24	117	233589	37.799	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	379934	34.138	ng	99
20) 3+4-Methylphenols	7.15	107	546013	38.283	ng	# 75
22) Acetophenone	7.14	105	803815	41.010	ng	# 91
24) Nitrobenzene	7.32	77	618035	39.639	ng	97
25) Isophorone	7.56	82	1083383	35.898	ng	98
26) 2-Nitrophenol	7.63	139	325647	50.174	ng	96
27) 2,4-Dimethylphenol	7.67	122	456706	37.823	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	699131	37.053	ng	99
29) 2,4-Dichlorophenol	7.87	162	494005	42.189	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	526954	41.883	ng	99
31) Naphthalene	8.03	128	1611149	38.714	ng	100
32) Benzoic acid	7.82	122	351988	41.591	ng	92
33) 4-Chloroaniline	8.08	127	698954	39.653	ng	98
34) Hexachlorobutadiene	8.16	225	318940	44.949	ng	99
35) Caprolactam	8.47	113	162865	39.491	ng	89
36) 4-Chloro-3-methylphenol	8.57	107	509770	39.338	ng	100
37) 2-Methylnaphthalene	8.72	142	1048216	39.003	ng	99
38) 1-Methylnaphthalene	8.82	142	1006565	38.663	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	504823	43.701	ng	98

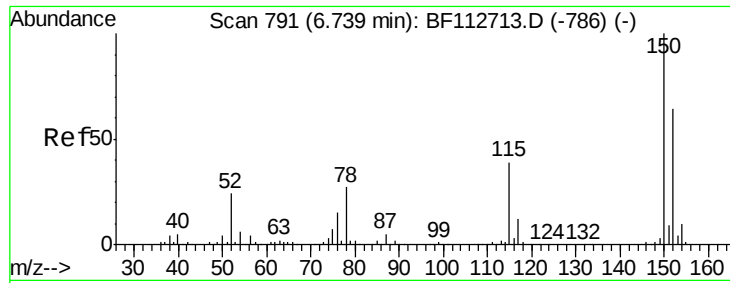
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	216016	34.149	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	339302	42.678	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	365911	42.582	ng	99
46) 1,1'-Biphenyl	9.19	154	1313439	40.650	ng	99
47) 2-Chloronaphthalene	9.21	162	999350	39.610	ng	100
48) 2-Nitroaniline	9.31	65	328336	42.815	ng	92
49) Acenaphthylene	9.63	152	1615014	37.707	ng	99
50) Dimethylphthalate	9.49	163	1168470	40.004	ng	99
51) 2,6-Dinitrotoluene	9.55	165	260958	42.903	ng	# 83
52) Acenaphthene	9.80	154	904574	36.115	ng	99
53) 3-Nitroaniline	9.72	138	314241	42.399	ng	95
54) 2,4-Dinitrophenol	9.83	184	106985	45.985	ng	97
55) Dibenzofuran	9.97	168	1364614	37.486	ng	97
56) 4-Nitrophenol	9.89	139	228267	37.896	ng	94
57) 2,4-Dinitrotoluene	9.96	165	343547	45.439	ng	# 83
58) Fluorene	10.31	166	1021456	39.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	303600	42.406	ng	93
60) Diethylphthalate	10.19	149	1104601	35.806	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	505384	42.041	ng	96
62) 4-Nitroaniline	10.33	138	319522	46.654	ng	98
63) Azobenzene	10.46	77	1080337	34.190	ng	93
65) 4,6-Dinitro-2-methylphenol	10.36	198	143629	45.143	ng	84
66) n-Nitrosodiphenylamine	10.42	169	930381	37.213	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	341516	41.591	ng	96
68) Hexachlorobenzene	10.86	284	394732	42.645	ng	# 87
69) Atrazine	10.95	200	272541	35.593	ng	98
70) Pentachlorophenol	11.06	266	220596	40.492	ng	98
71) Phenanthrene	11.26	178	1498821	38.643	ng	100
72) Anthracene	11.32	178	1546611	38.093	ng	100
73) Carbazole	11.47	167	1505419	38.009	ng	100
74) Di-n-butylphthalate	11.80	149	1671313	35.192	ng	99
75) Fluoranthene	12.45	202	1631415	39.259	ng	98
77) Benzidine	12.57	184	754912	24.336	ng	99
78) Pyrene	12.67	202	1656444	32.863	ng	99
80) Butylbenzylphthalate	13.29	149	721296	32.419	ng	95
81) Benzo(a)anthracene	13.86	228	1353352	32.659	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	586748	37.438	ng	97
83) Chrysene	13.90	228	1393854	34.339	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	838223	32.120	ng	99
85) Di-n-octyl phthalate	14.46	149	1535272	34.260	ng	98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1250524	36.137	ng	94
88) Benzo(b)fluoranthene	14.90	252	1180512	31.744	ng	97
89) Benzo(k)fluoranthene	14.90	252	1181169	35.065	ng	98
90) Benzo(a)pyrene	15.22	252	1233100	37.487	ng	98
91) Dibenzo(a,h)anthracene	16.66	278	1031214	36.738	ng	96
92) Benzo(g,h,i)perylene	17.05	276	1021336	36.237	ng	96

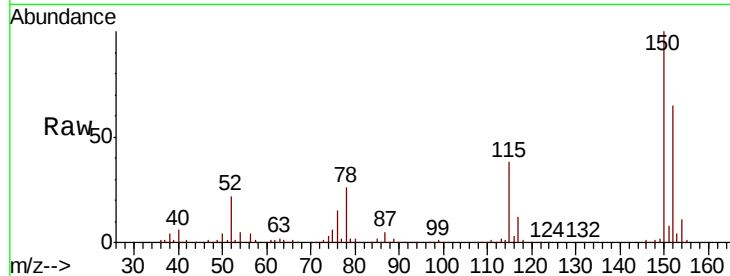
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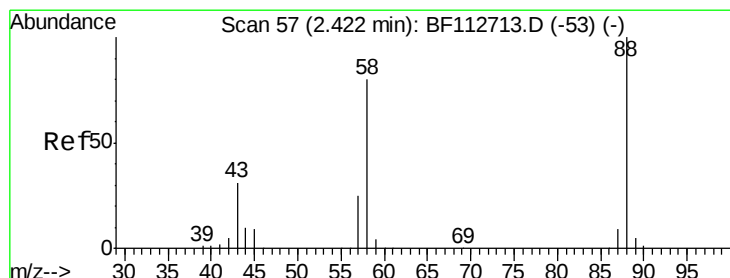
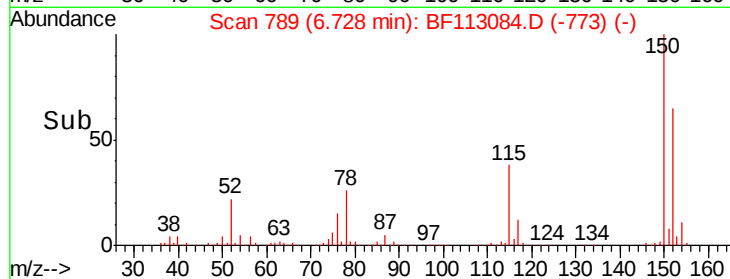
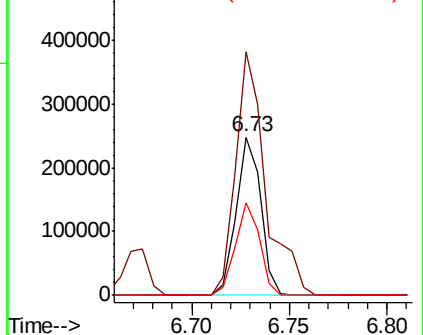
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 152 Resp: 217608
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.2 186.2
 115 58.2 48.2 72.4

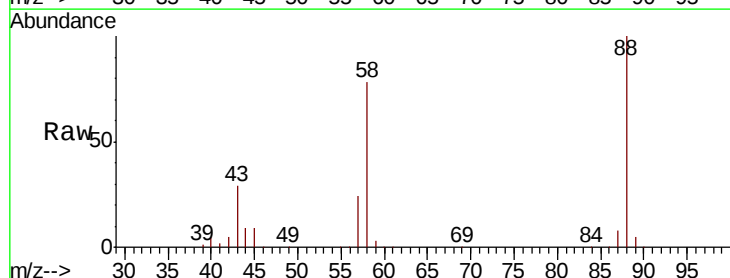


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

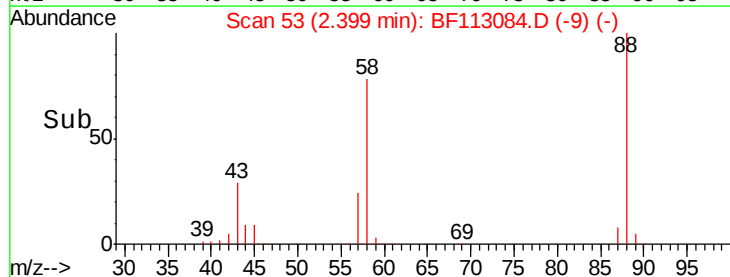
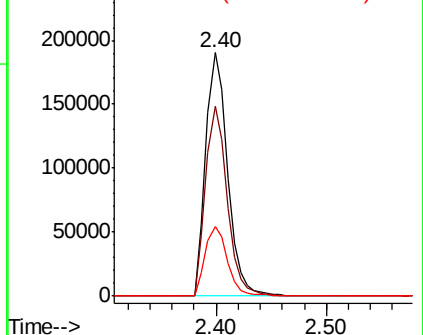


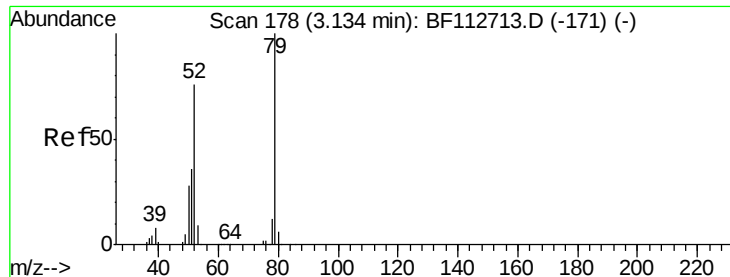
#2
 1,4-Dioxane
 Concen: 36.636 ng
 RT: 2.40 min Scan# 53
 Delta R.T. -0.04 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion: 88 Resp: 256902
 Ion Ratio Lower Upper
 88 100
 58 77.2 63.1 94.7
 43 29.2 24.3 36.5



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

Pyridine

Concen: 27.767 ng

RT: 3.11 min Scan# 174

Delta R.T. -0.04 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

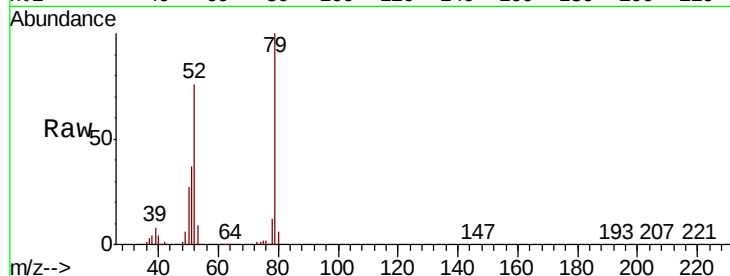
Tgt Ion: 79 Resp: 520922

Ion Ratio Lower Upper

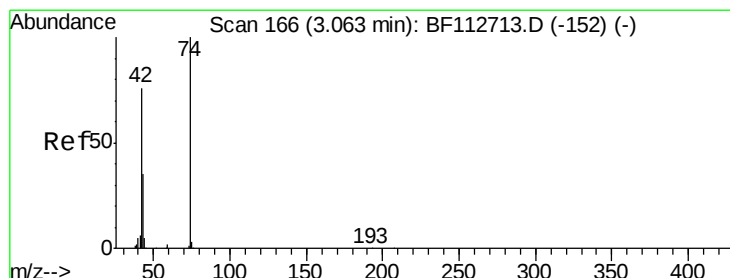
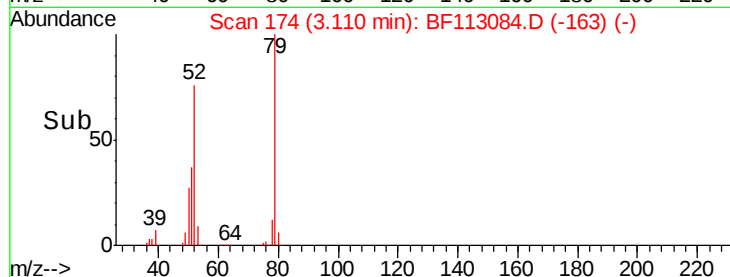
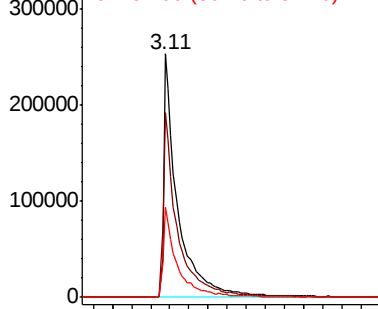
79 100

52 75.7 60.5 90.7

51 36.9 28.8 43.2



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: 29.798 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.04 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

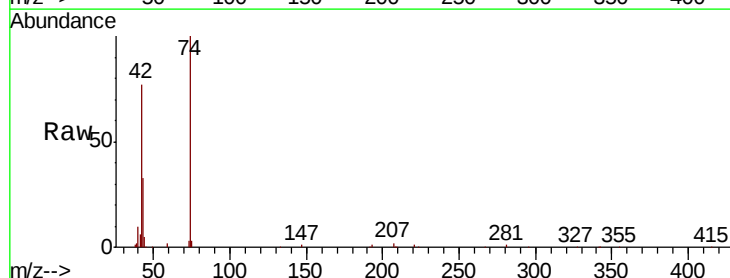
Tgt Ion: 42 Resp: 244545

Ion Ratio Lower Upper

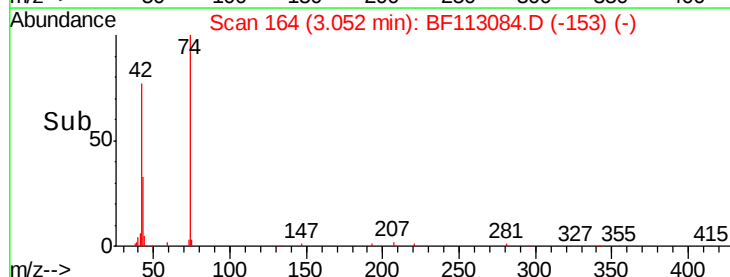
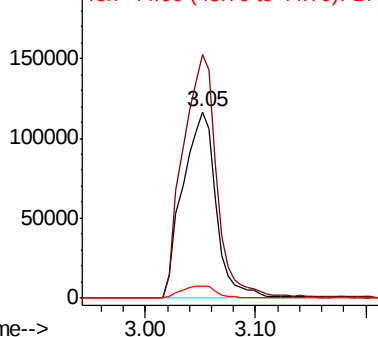
42 100

74 130.6 105.8 158.8

44 6.7 6.2 9.2



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

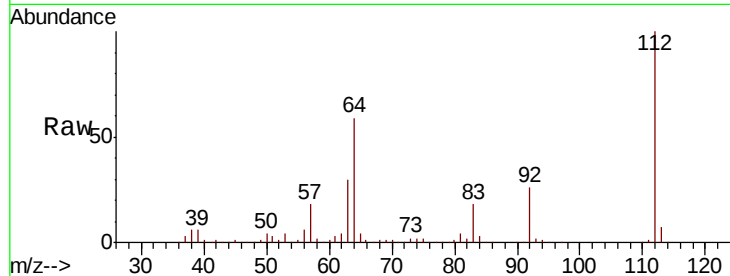




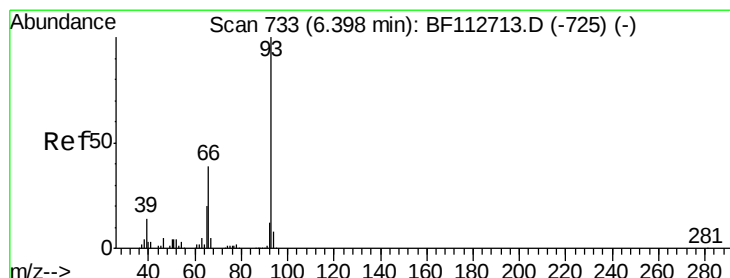
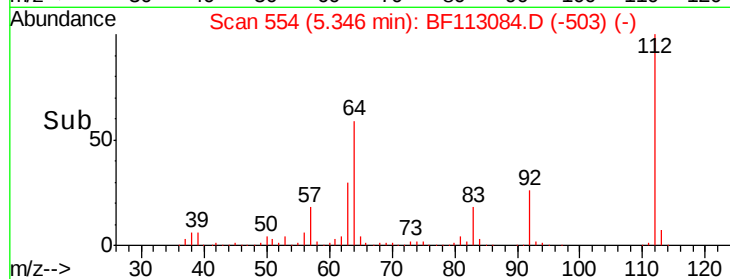
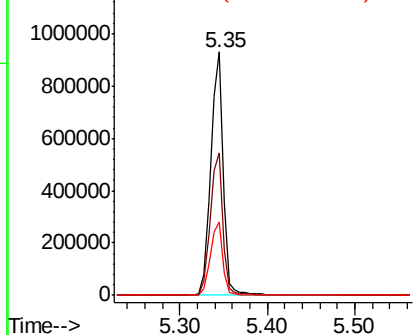
#5
 2-Fluorophenol
 Concen: 66.170 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.6	71.4
63	30.0	24.4	36.6

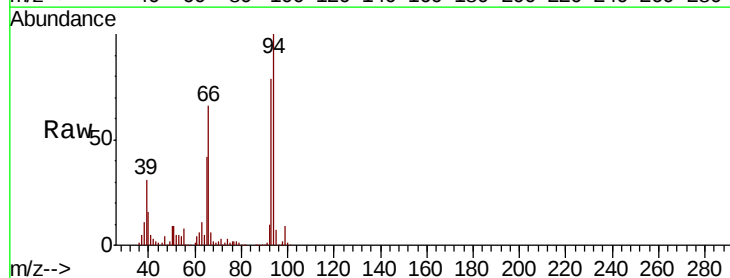


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

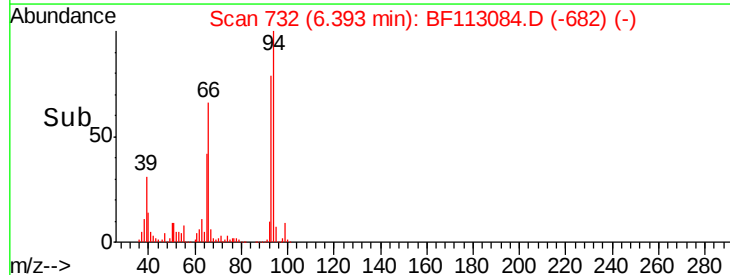
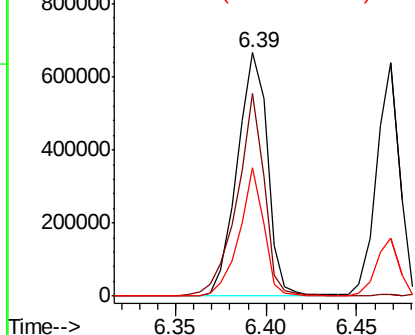


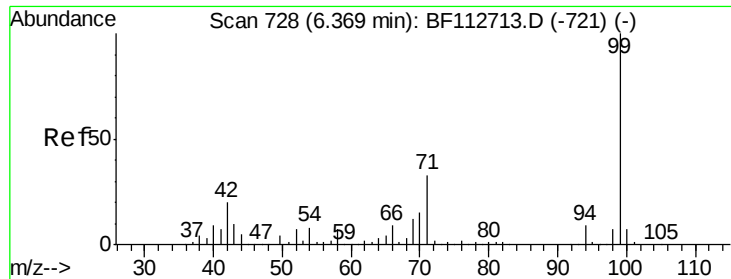
#6
 Aniline
 Concen: 32.091 ng
 RT: 6.39 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion	Ratio	Lower	Upper
93	100		
66	83.1	32.2	48.2#
65	53.0	16.2	24.4#



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: 71.388 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

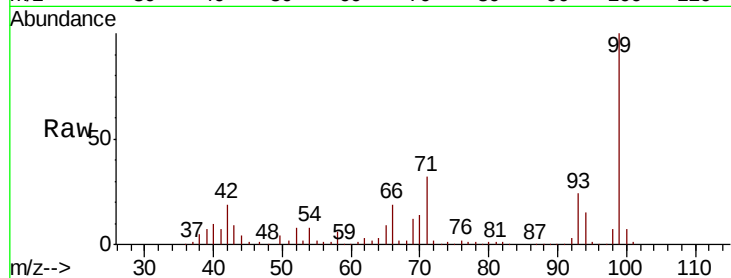
Tgt Ion: 99 Resp: 1254480

Ion Ratio Lower Upper

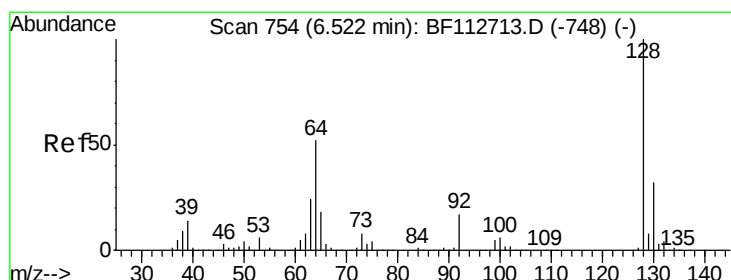
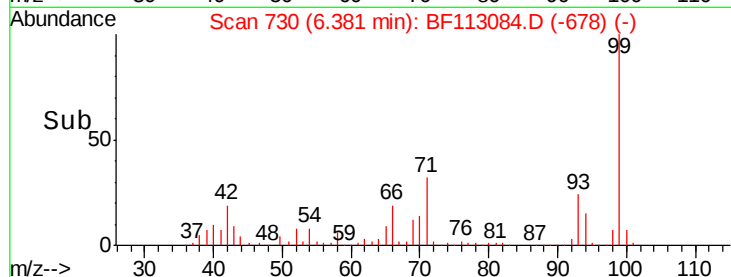
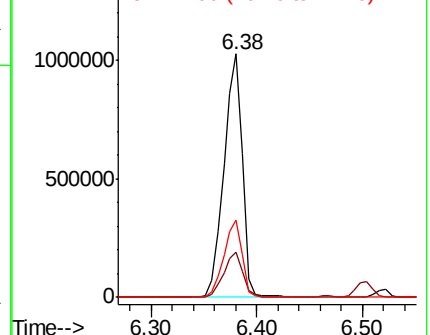
99 100

42 18.6 16.3 24.5

71 31.8 26.2 39.4



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: 37.658 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

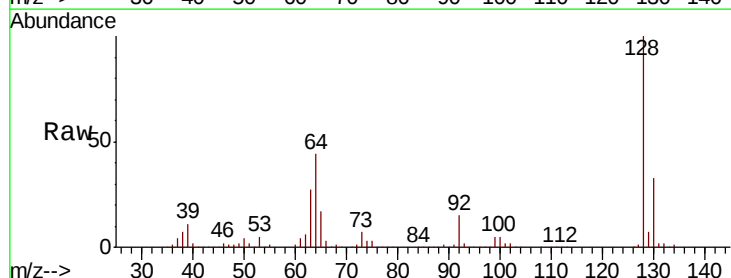
Tgt Ion: 128 Resp: 586419

Ion Ratio Lower Upper

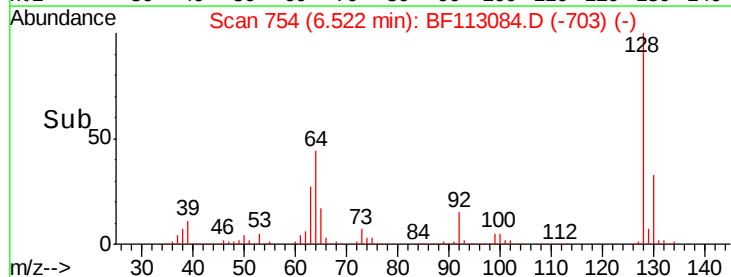
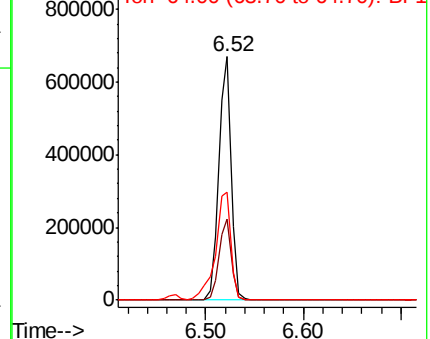
128 100

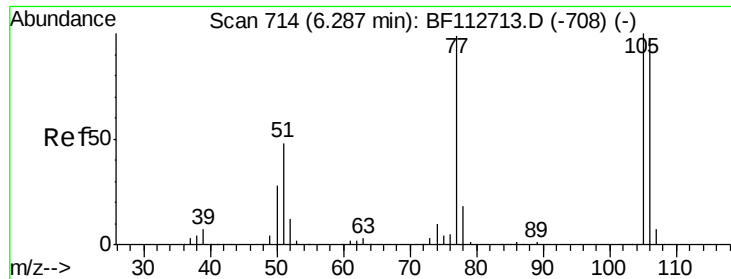
130 33.2 12.4 52.4

64 44.3 32.2 72.2



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

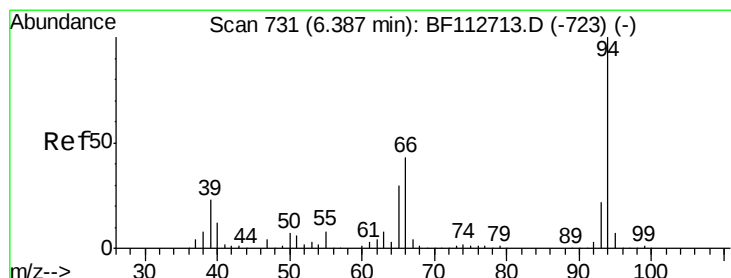
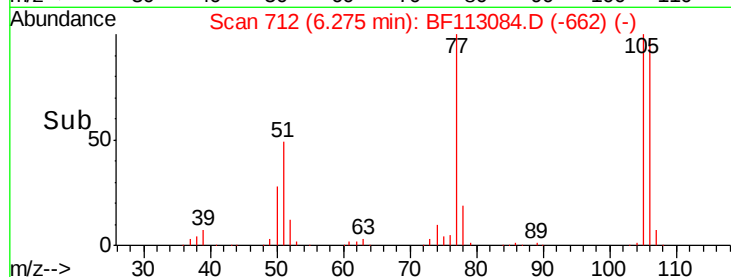
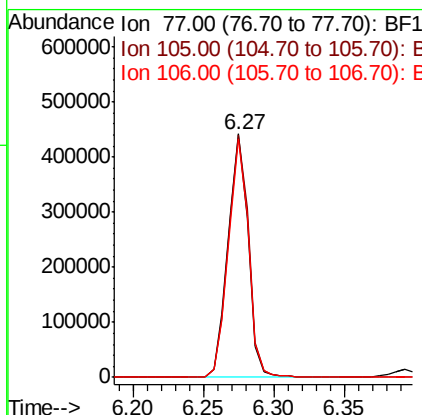
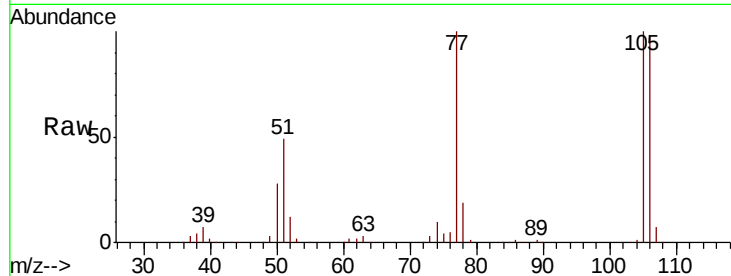




#9
Benzaldehyde
Concen: 34.713 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

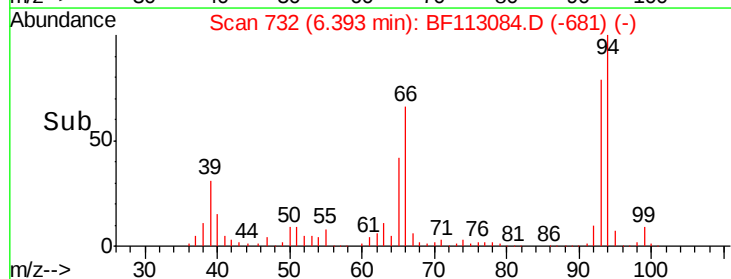
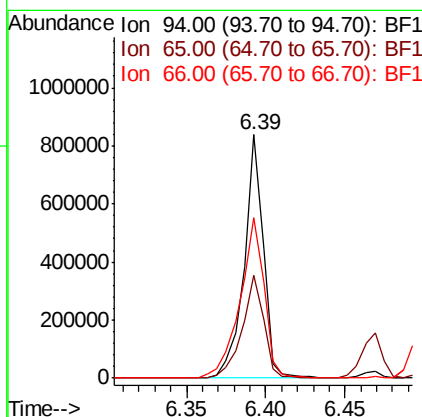
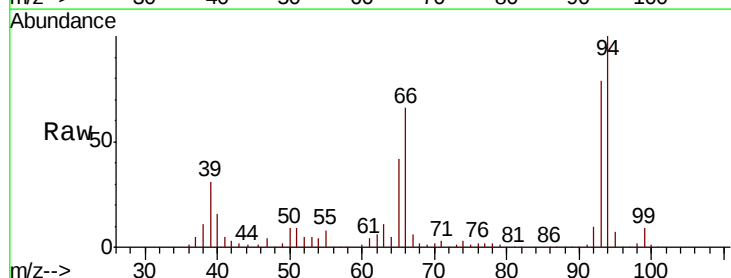
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 439531
Ion Ratio Lower Upper
77 100
105 99.5 81.4 121.4
106 97.9 78.3 118.3



#10
Phenol
Concen: 34.132 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion: 94 Resp: 699907
Ion Ratio Lower Upper
94 100
65 42.1 10.5 50.5
66 66.0 22.6 62.6#

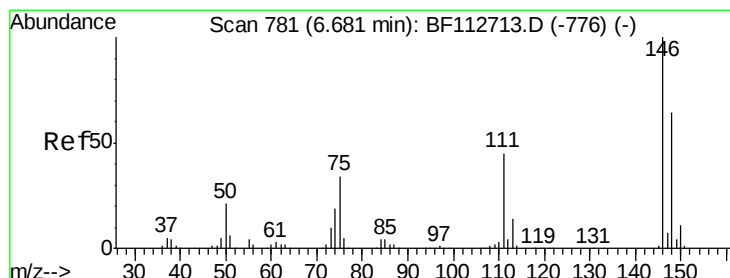
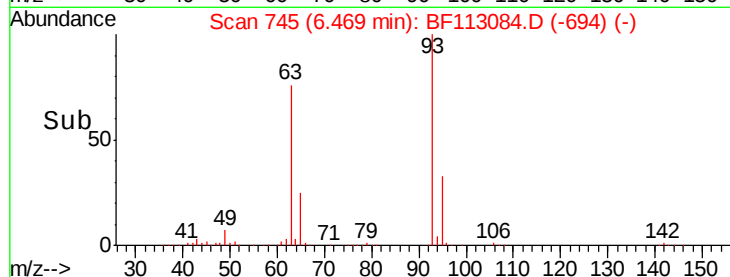
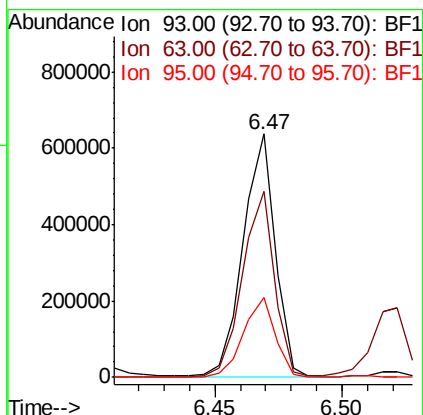
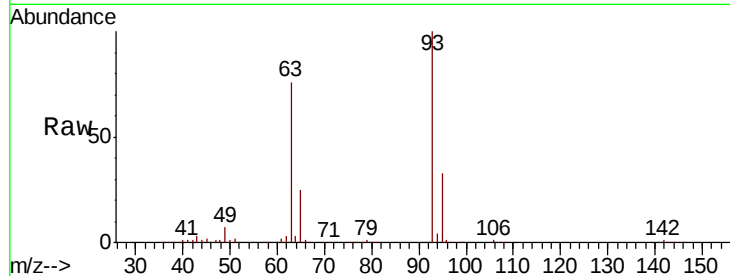




#11
bis(2-Chloroethyl)ether
Concen: 35.442 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

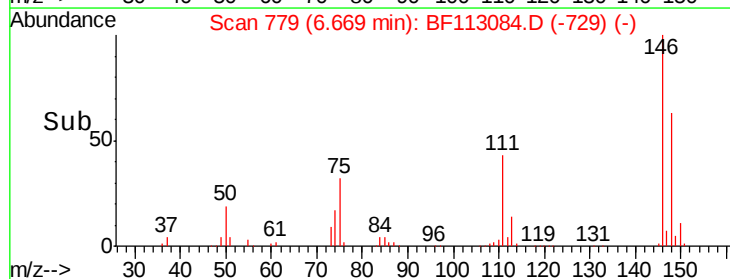
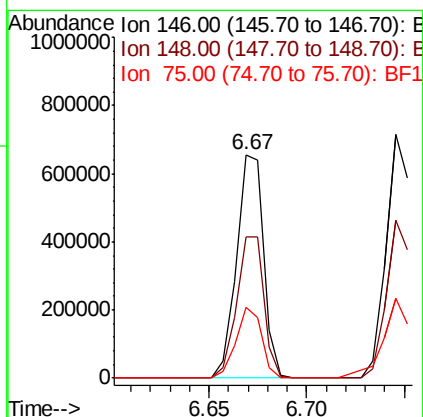
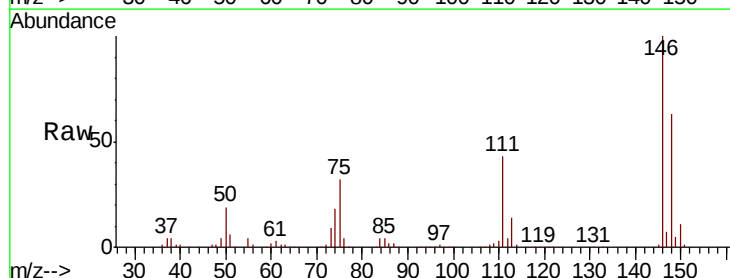
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

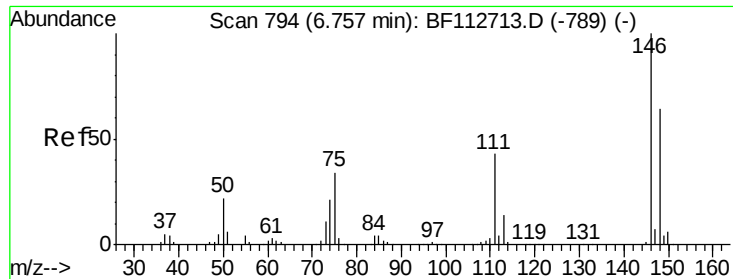
Tgt Ion: 93 Resp: 557843
Ion Ratio Lower Upper
93 100
63 76.5 60.5 100.5
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.171 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion: 146 Resp: 630130
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 31.9 26.9 40.3

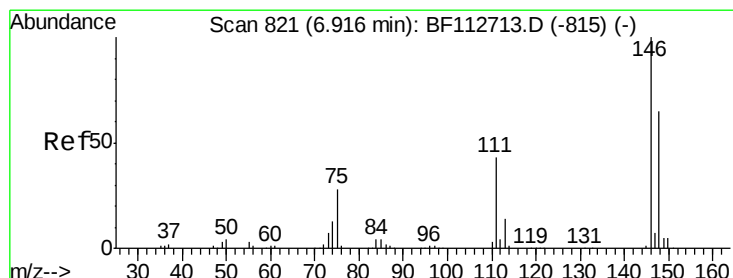
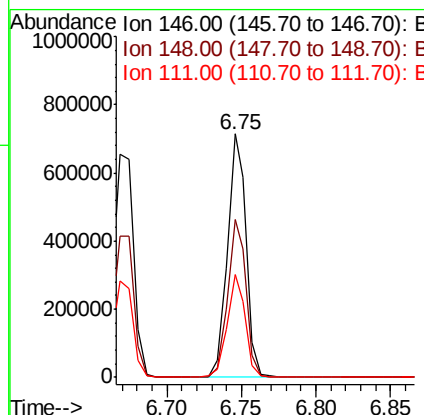
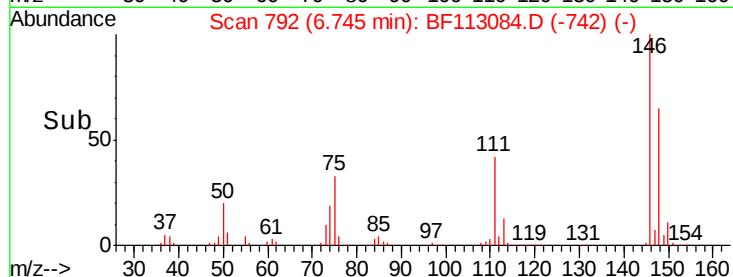
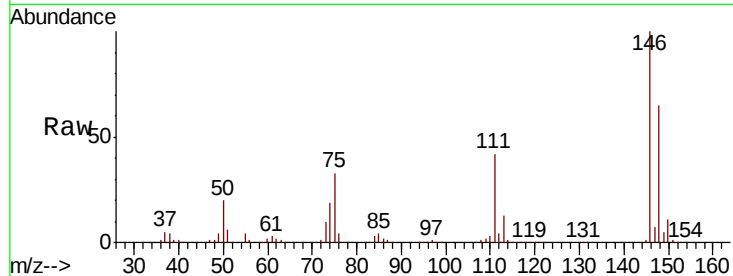




#13
 1,4-Dichlorobenzene
 Concen: 39.258 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

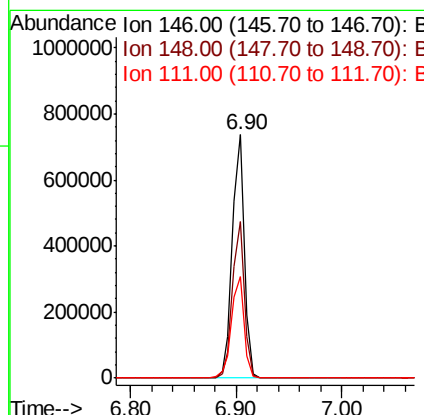
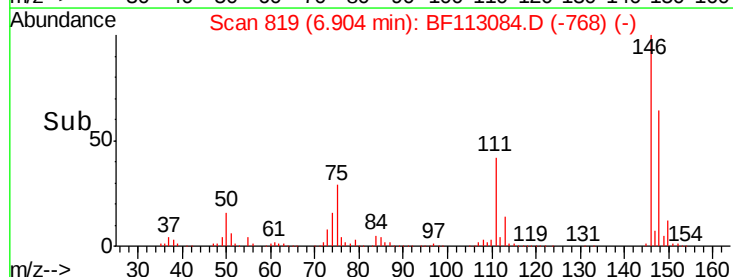
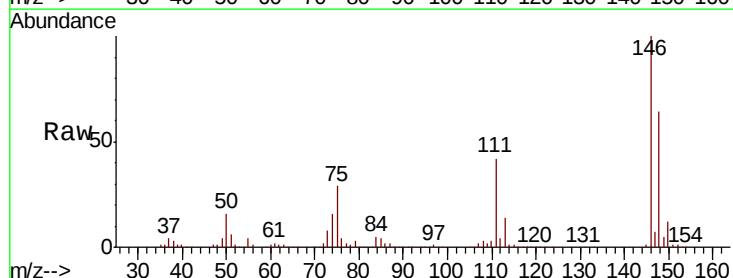
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 633342
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.4
 111 42.0 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 38.985 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion:146 Resp: 576547
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 41.9 34.8 52.2





#15

Benzyl Alcohol

Concen: 35.403 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

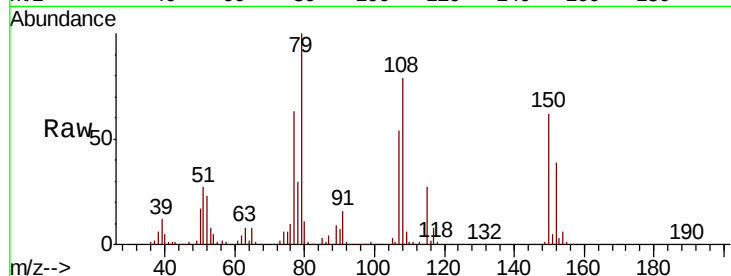
Tgt Ion: 79 Resp: 474391

Ion Ratio Lower Upper

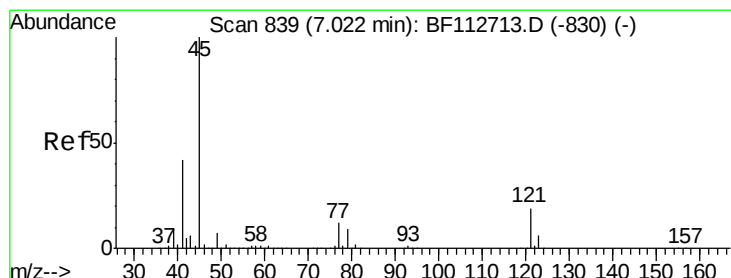
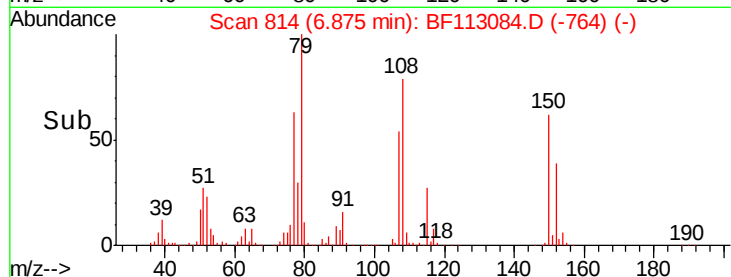
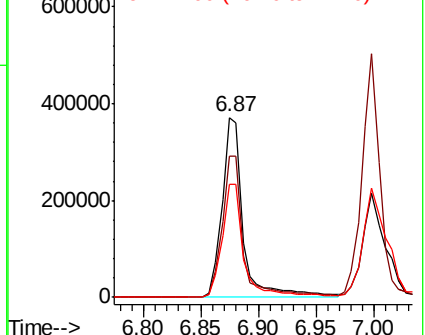
79 100

108 78.5 64.2 96.4

77 62.9 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.237 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

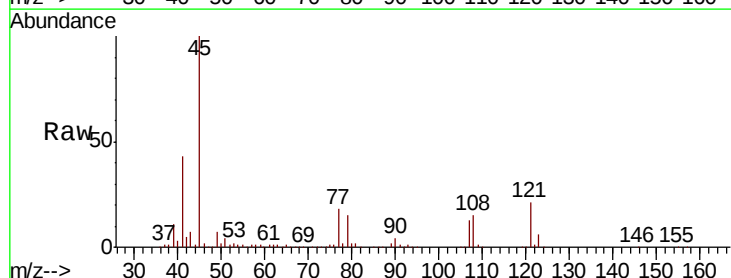
Tgt Ion: 45 Resp: 873020

Ion Ratio Lower Upper

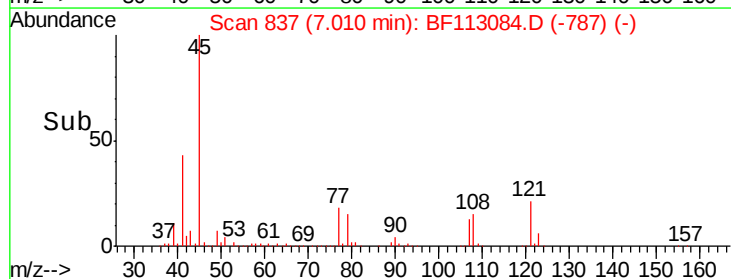
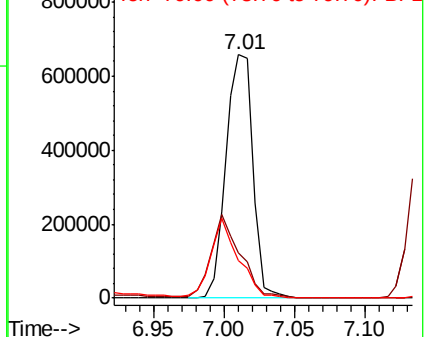
45 100

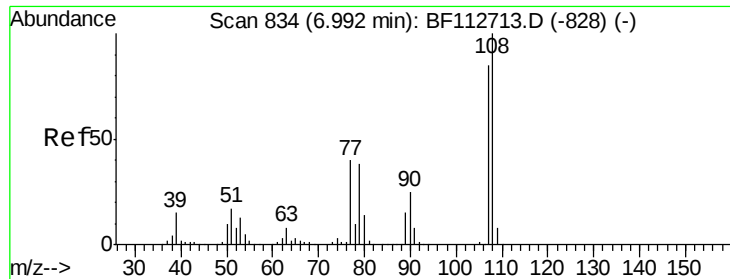
77 18.5 0.0 32.1

79 15.4 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

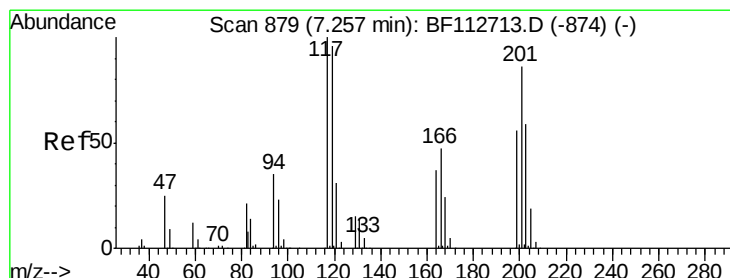
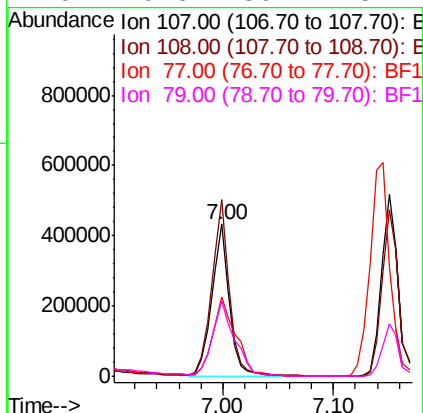
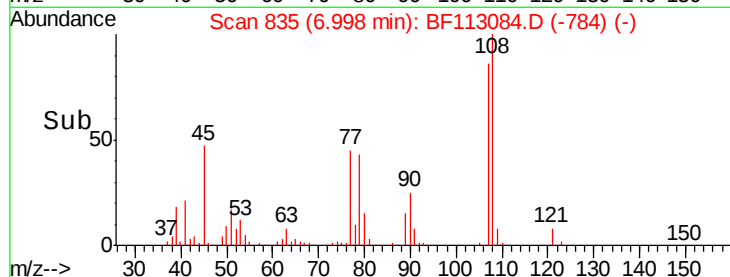
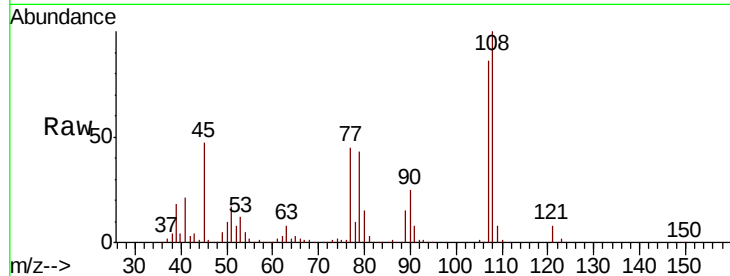




#17
2-Methylphenol
Concen: 37.006 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

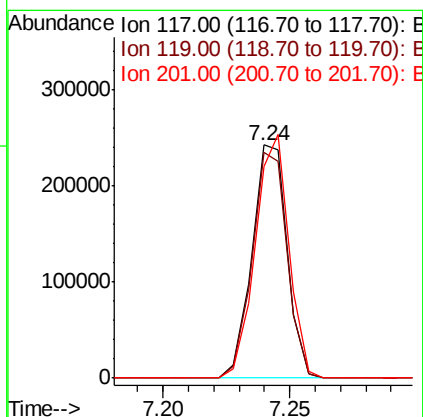
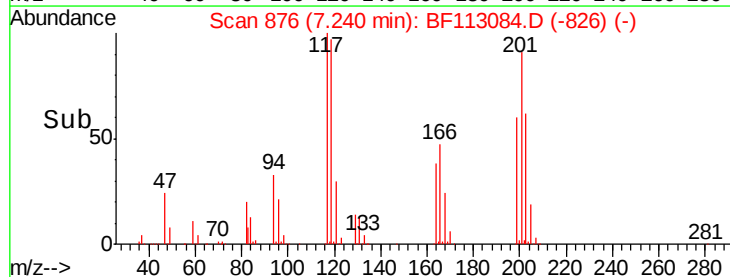
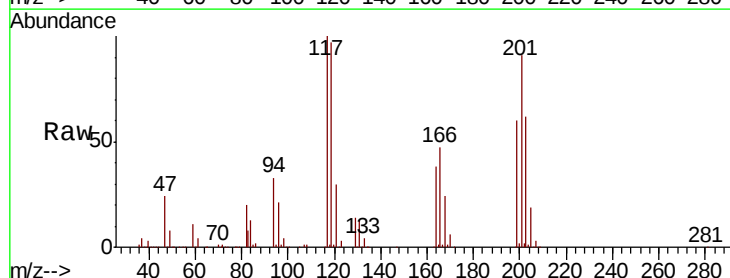
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

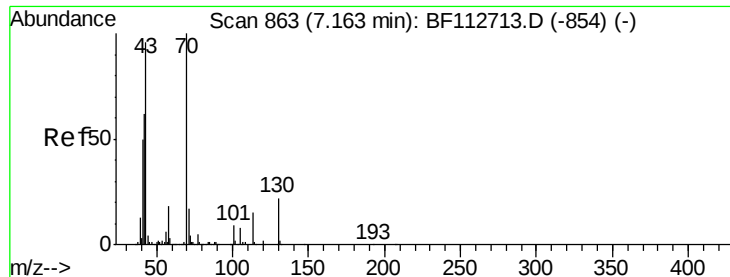
Tgt Ion:107 Resp: 467501
Ion Ratio Lower Upper
107 100
108 116.1 94.6 142.0
77 52.4 37.8 56.8
79 49.6 36.2 54.2



#18
Hexachloroethane
Concen: 37.799 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:117 Resp: 233589
Ion Ratio Lower Upper
117 100
119 96.8 76.6 115.0
201 90.8 68.9 103.3

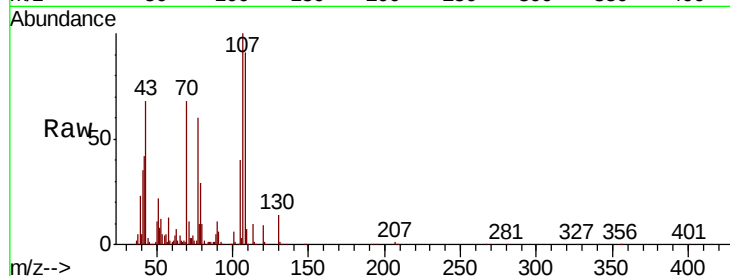




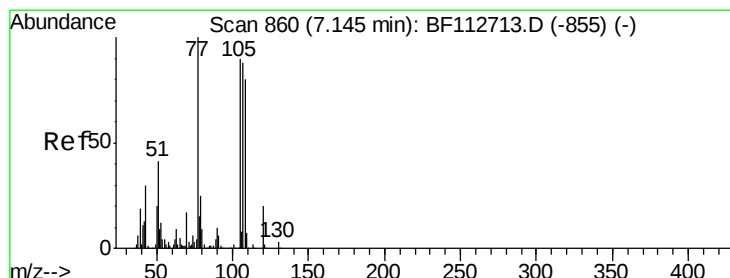
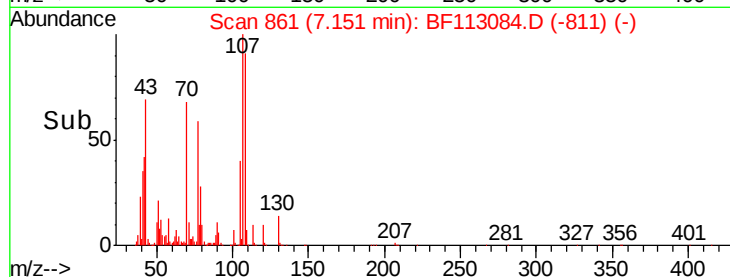
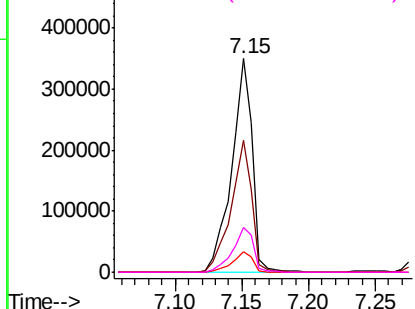
#19
n-Nitroso-di-n-propylamine
Concen: 34.138 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	379934
Ion	Ratio	Lower	Upper
70	100		
42	61.9	49.9	74.9
101	9.6	7.4	11.2
130	21.0	17.4	26.2

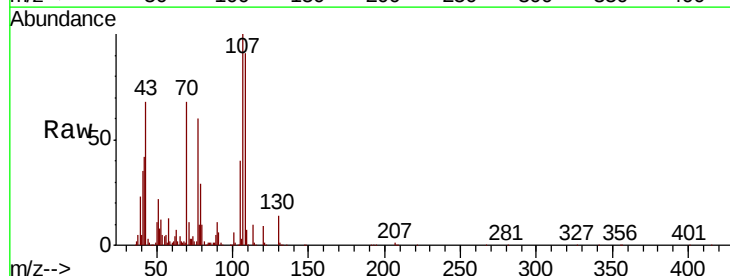


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

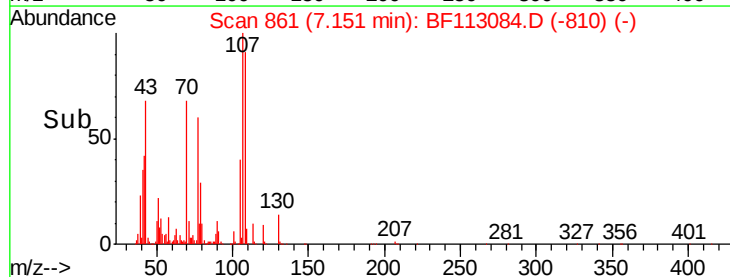
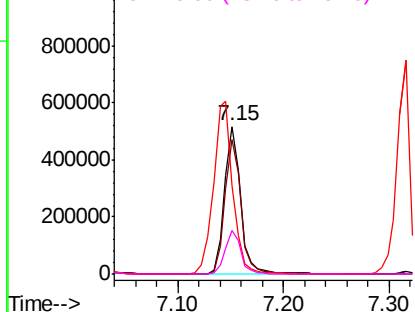


#20
3+4-Methylphenols
Concen: 38.283 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:	107	Resp:	546013
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.4	111.4
77	59.8	94.1	134.1#
79	29.2	8.6	48.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

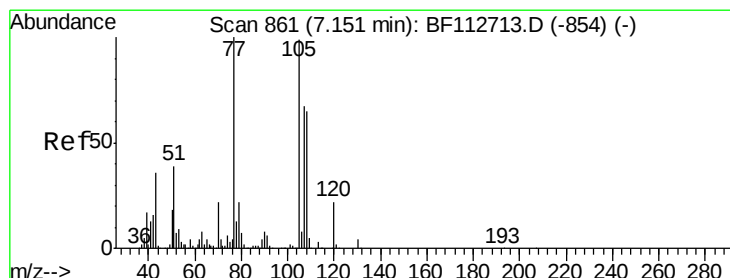
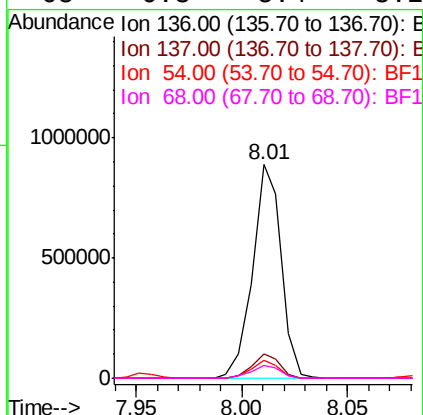
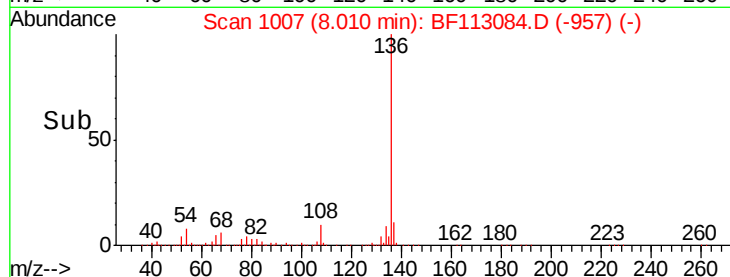
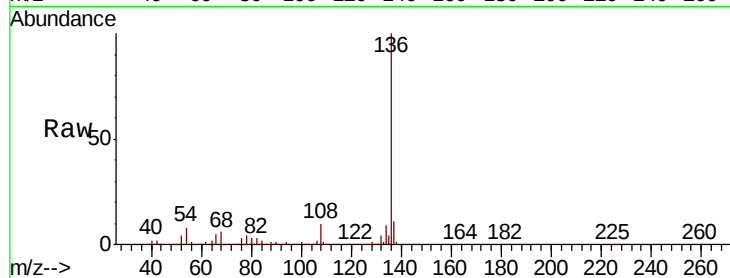




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

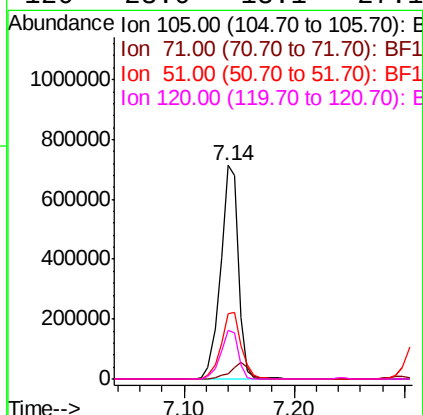
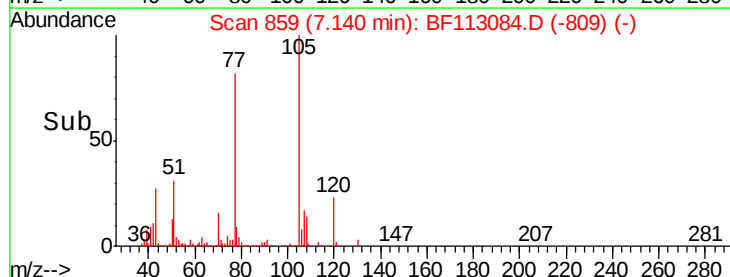
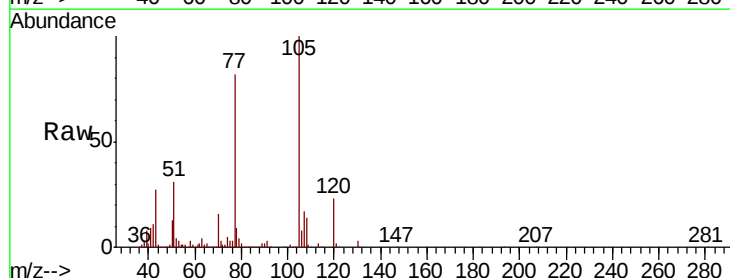
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

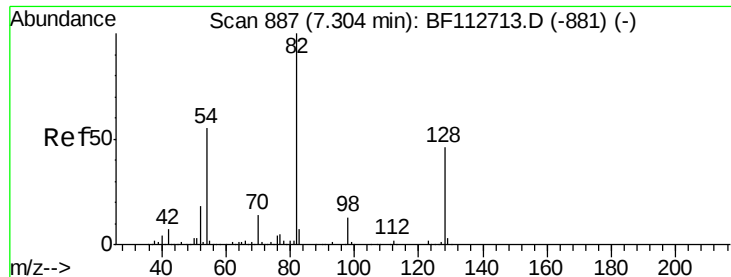
Tgt Ion:	136	Resp:	838241
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	7.3	10.9
68	6.3	5.4	8.2



#22
Acetophenone
Concen: 41.010 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:	105	Resp:	803815
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.0	4.4#
51	30.5	31.5	47.3#
120	23.0	18.1	27.1

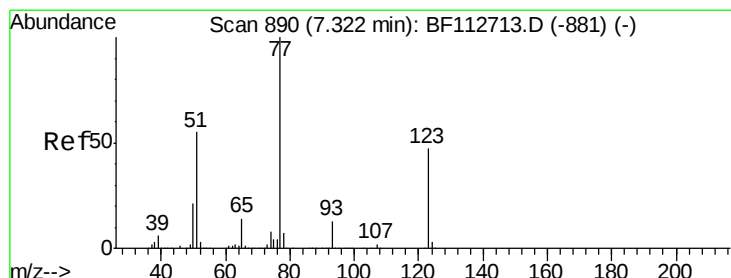
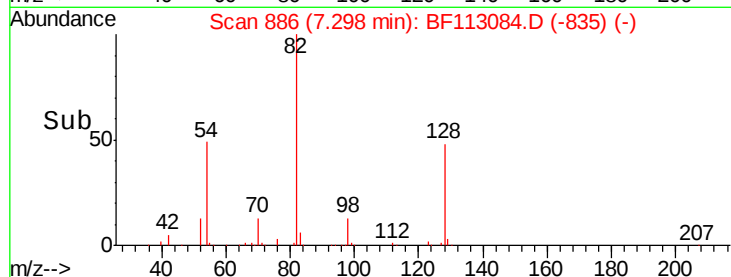
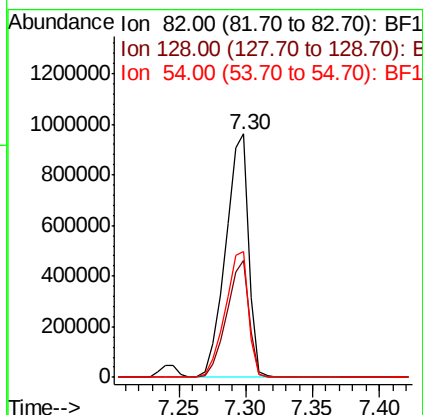
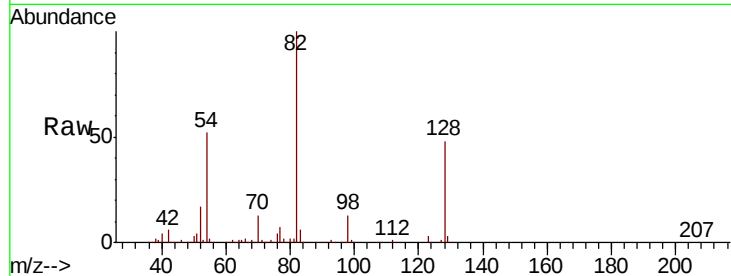




#23
 Nitrobenzene-d5
 Concen: 83.448 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

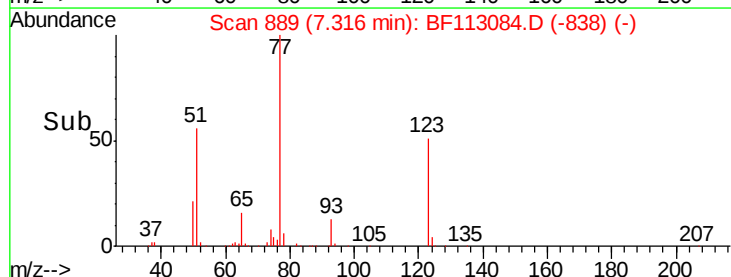
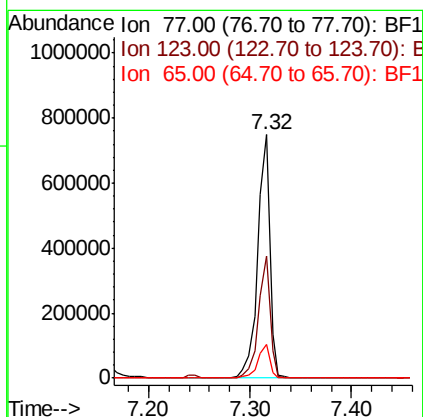
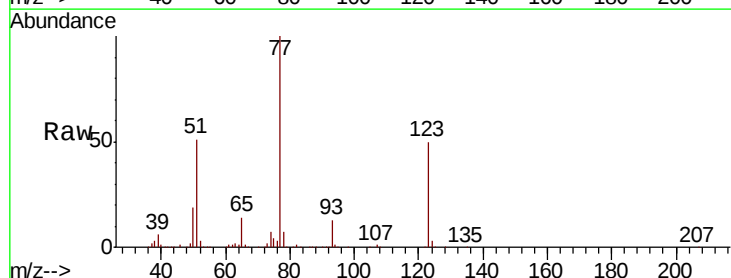
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

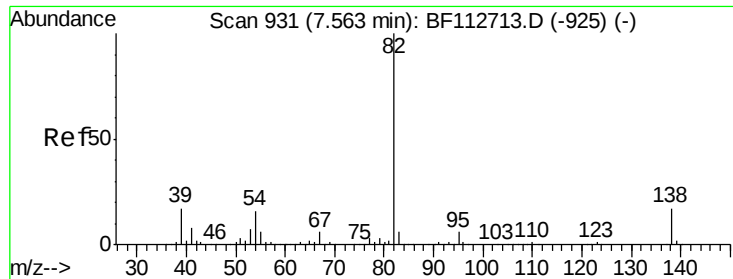
Tgt Ion: 82 Resp: 1168976
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.3 54.5
 54 51.7 43.7 65.5



#24
 Nitrobenzene
 Concen: 39.639 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion: 77 Resp: 618035
 Ion Ratio Lower Upper
 77 100
 123 50.1 37.8 56.6
 65 13.7 11.1 16.7

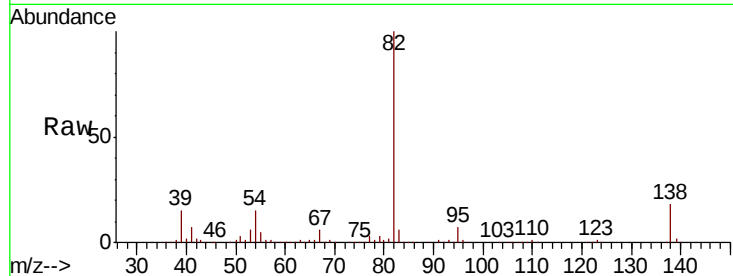




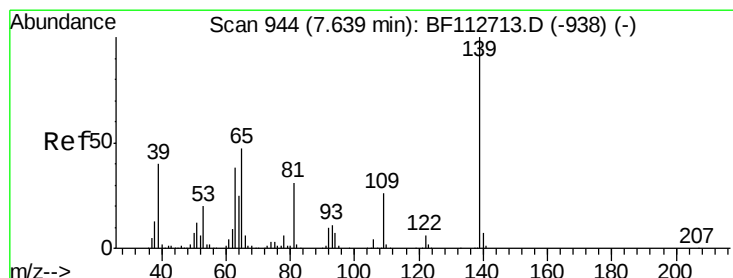
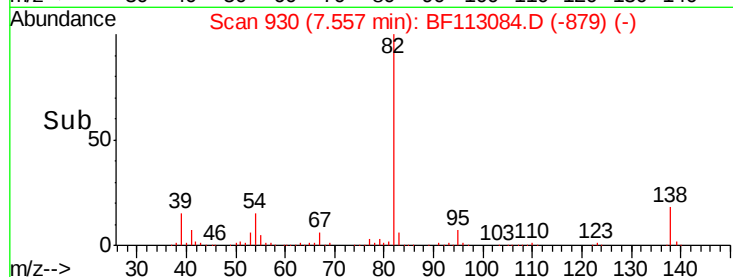
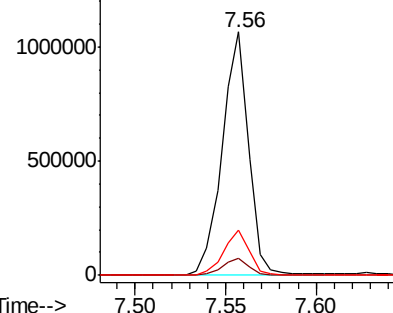
#25
Isophorone
Concen: 35.898 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1083383
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 18.5 13.8 20.8

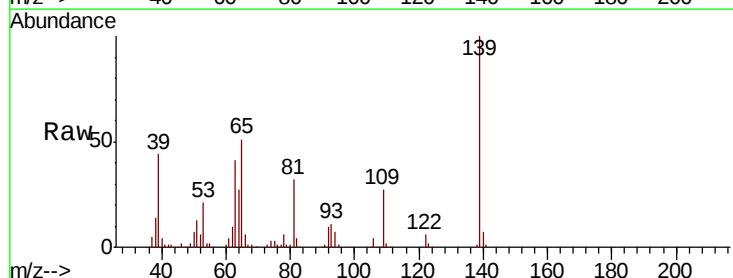


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

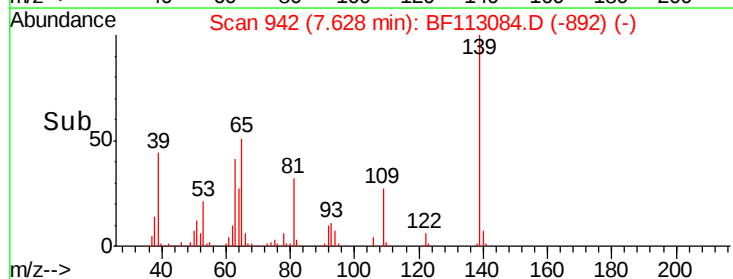
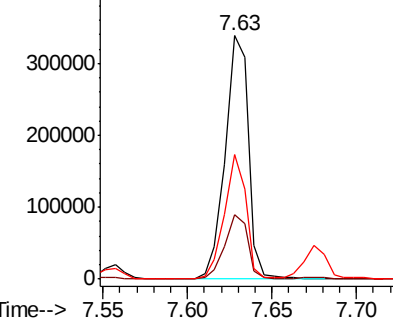


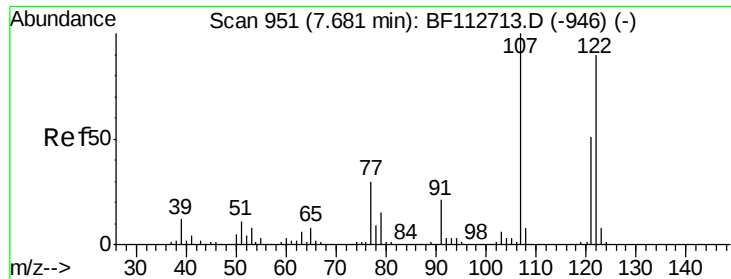
#26
2-Nitrophenol
Concen: 50.174 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion: 139 Resp: 325647
Ion Ratio Lower Upper
139 100
109 26.5 20.6 31.0
65 50.9 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 37.823 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

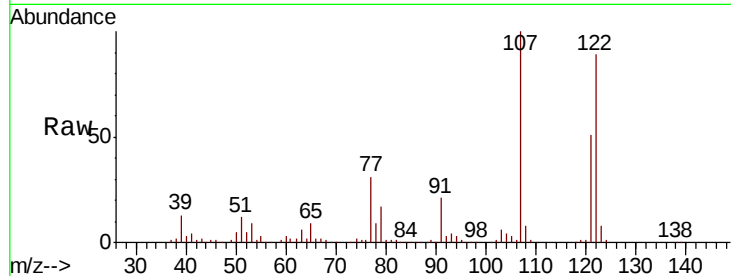
Tgt Ion:122 Resp: 456706

Ion Ratio Lower Upper

122 100

107 111.8 89.4 134.0

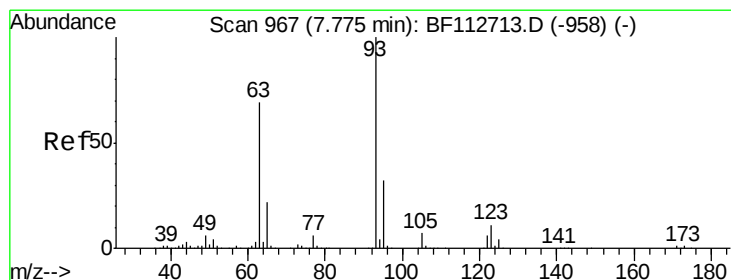
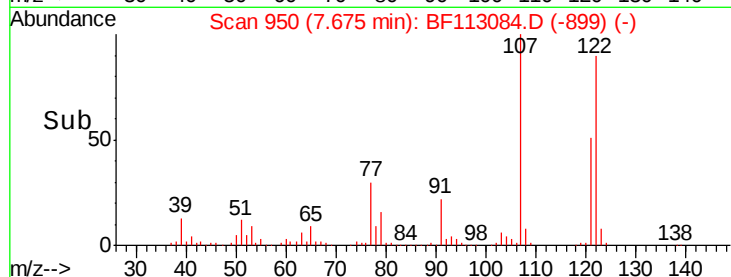
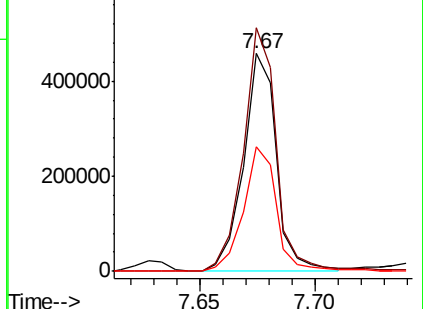
121 57.5 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.053 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

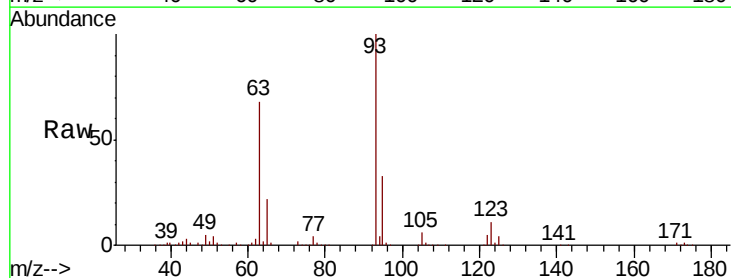
Tgt Ion: 93 Resp: 699131

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

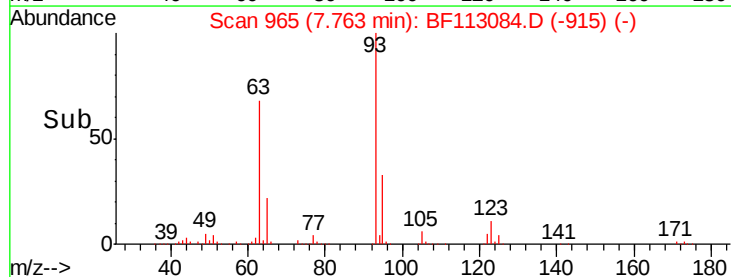
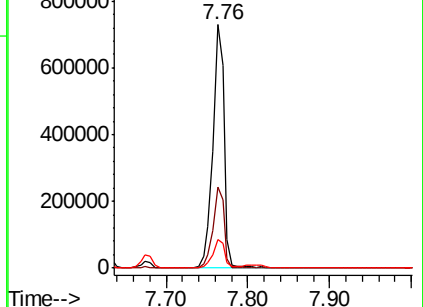
123 11.5 9.3 13.9

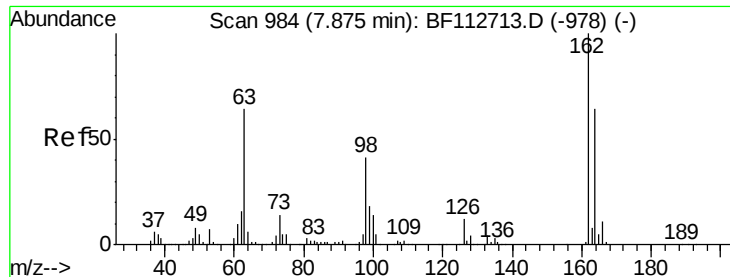


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

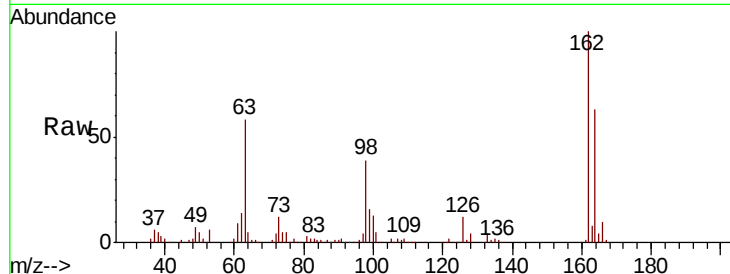




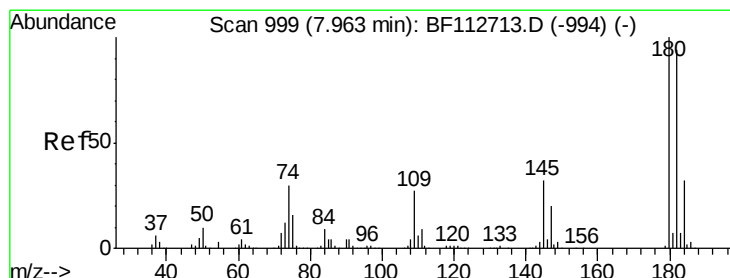
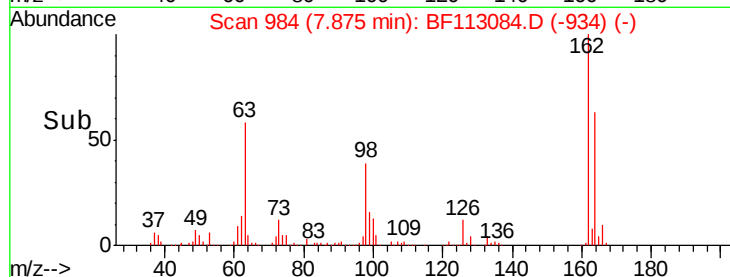
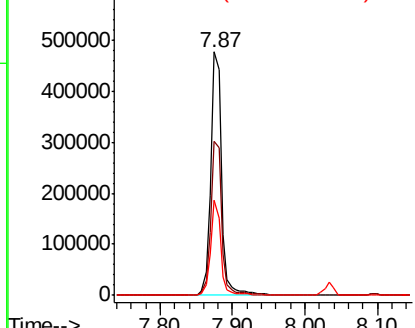
#29
2,4-Dichlorophenol
Concen: 42.189 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 494005
Ion Ratio Lower Upper
162 100
164 63.4 44.0 84.0
98 39.0 20.7 60.7

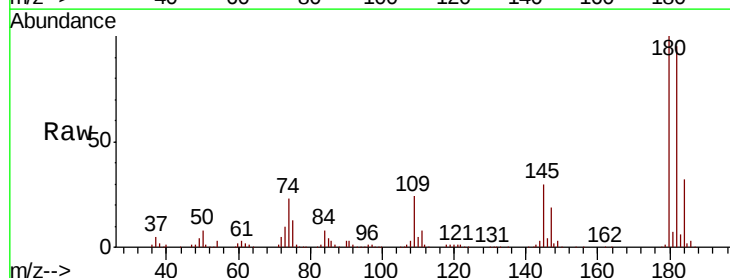


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

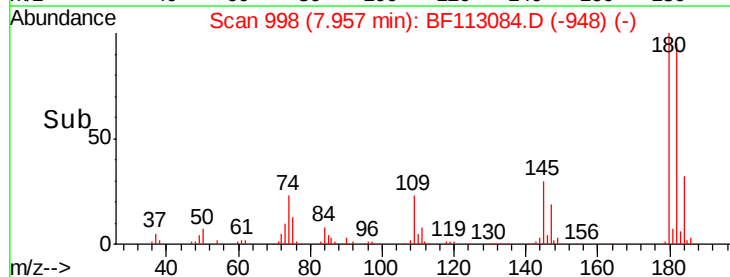
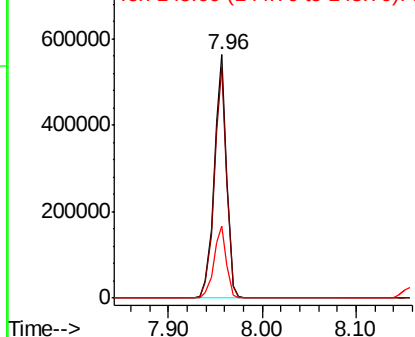


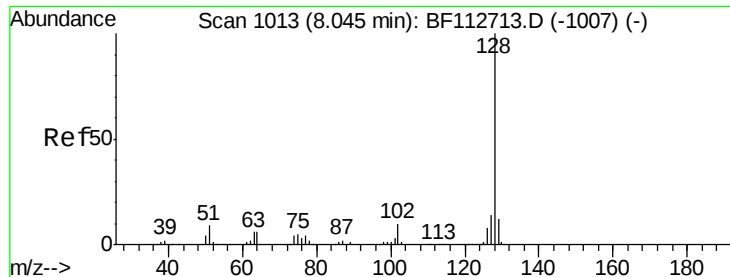
#30
1,2,4-Trichlorobenzene
Concen: 41.883 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:180 Resp: 526954
Ion Ratio Lower Upper
180 100
182 94.8 75.2 112.8
145 29.8 25.4 38.0



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

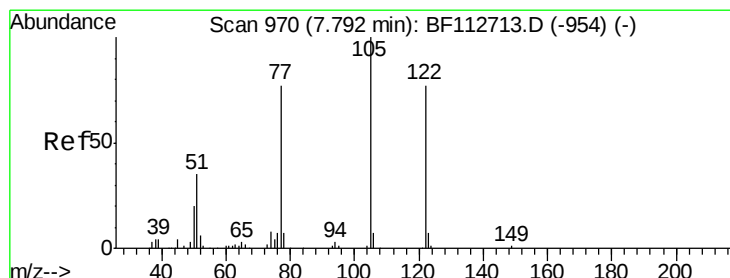
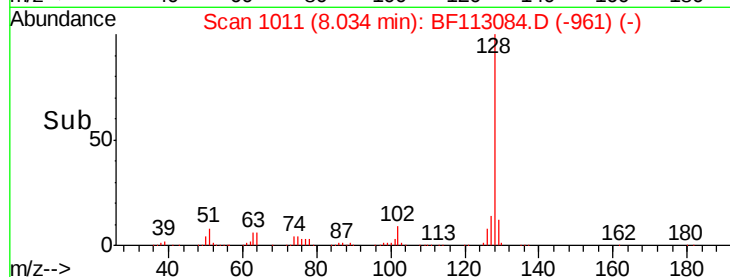
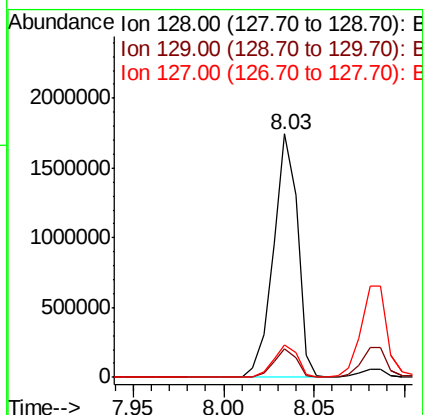
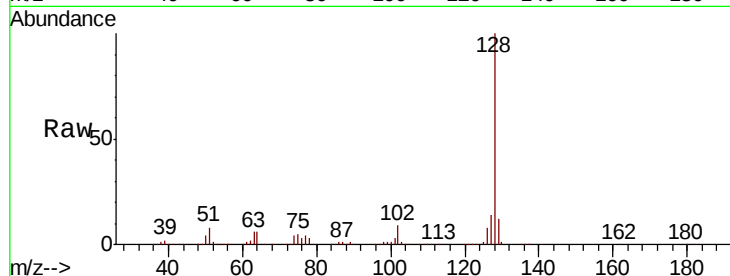




#31
Naphthalene
Concen: 38.714 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

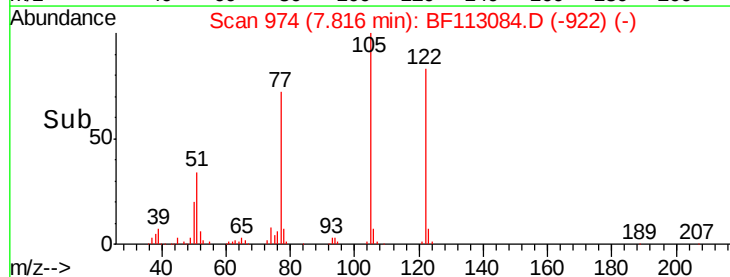
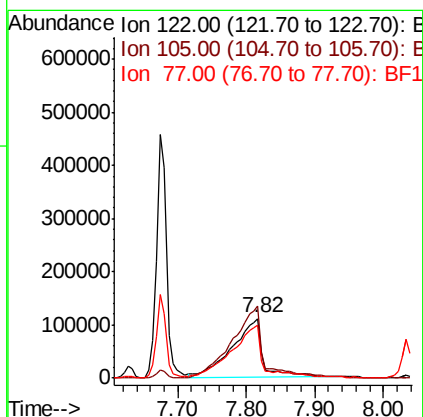
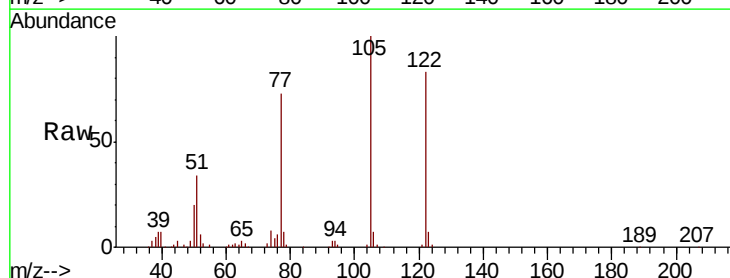
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1611149
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 41.591 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:122 Resp: 351988
Ion Ratio Lower Upper
122 100
105 121.1 106.8 146.8
77 87.8 79.4 119.4

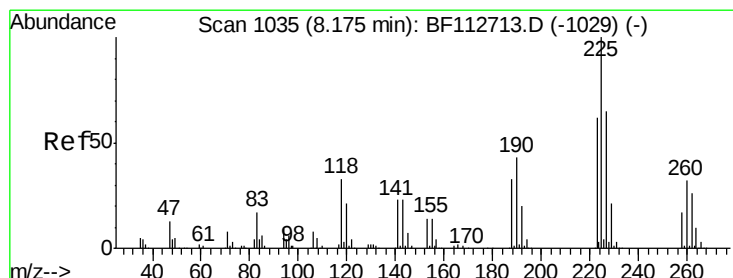
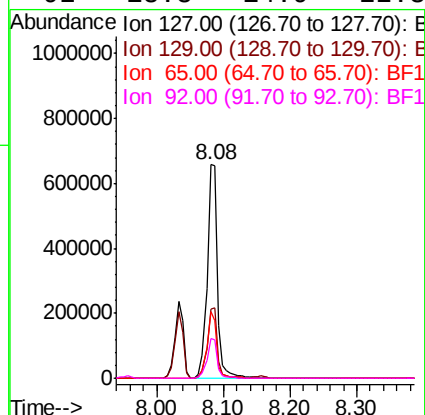
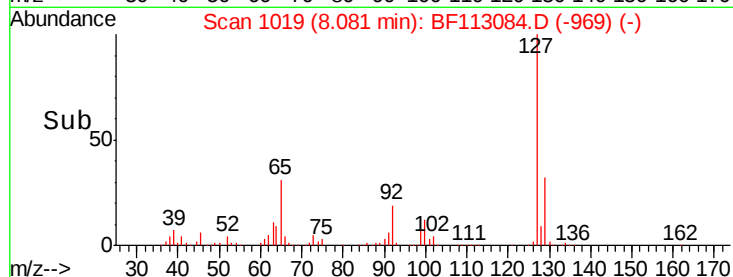
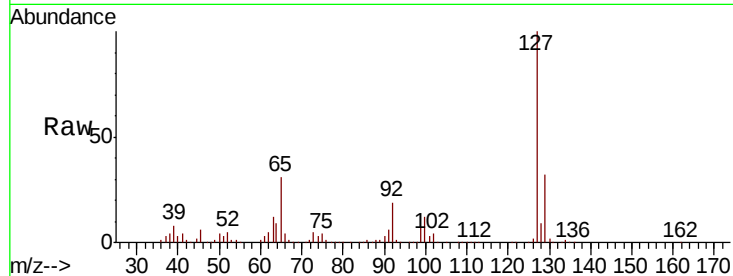




#33
4-Chloroaniline
Concen: 39.653 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

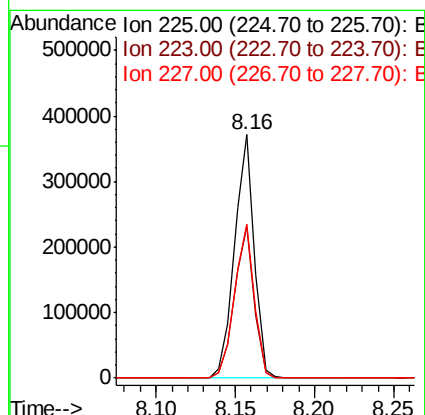
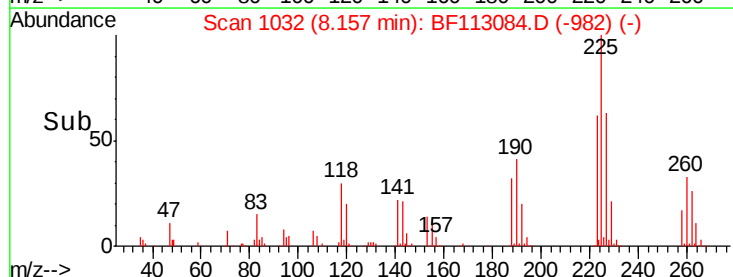
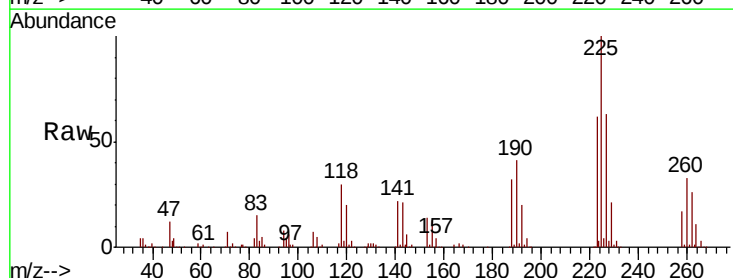
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

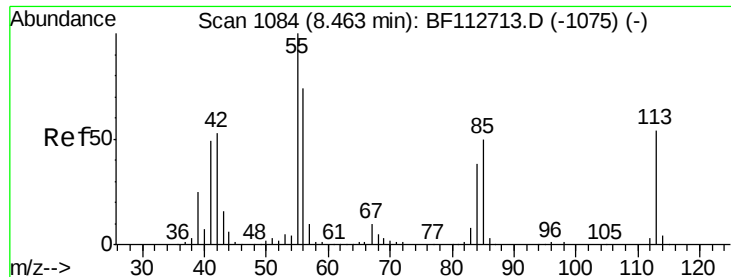
Tgt Ion:	127	Resp:	698954
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	31.0	23.1	34.7
92	18.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.949 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:	225	Resp:	318940
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	63.5	52.1	78.1

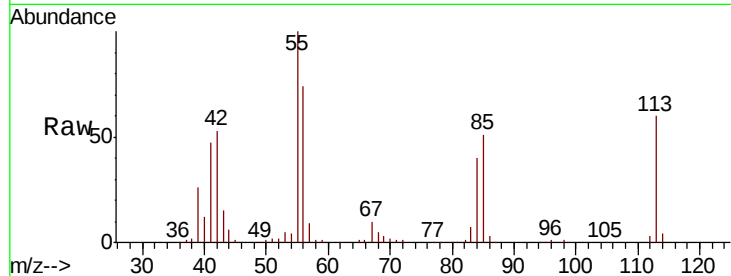




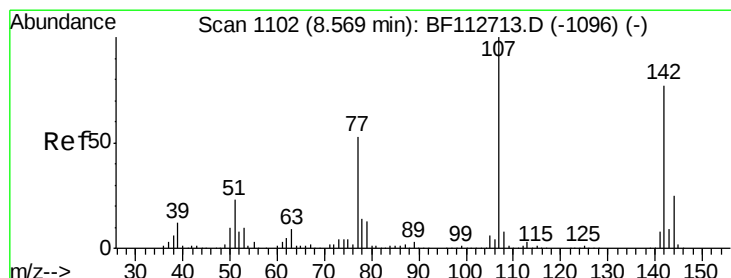
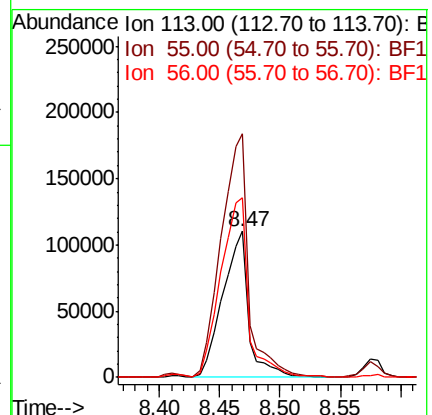
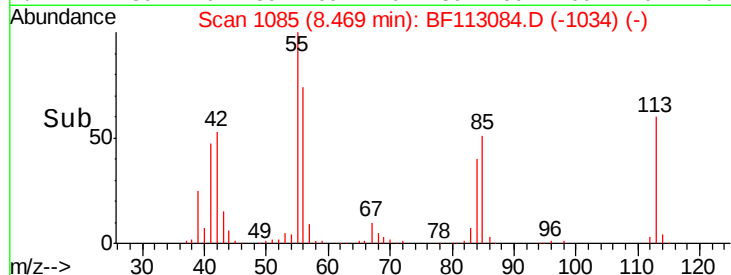
#35
 Caprolactam
 Concen: 39.491 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 162865
 Ion Ratio Lower Upper
 113 100
 55 166.8 163.5 203.5
 56 122.9 115.3 155.3

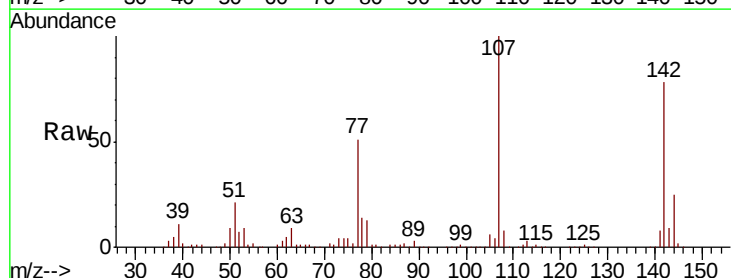


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

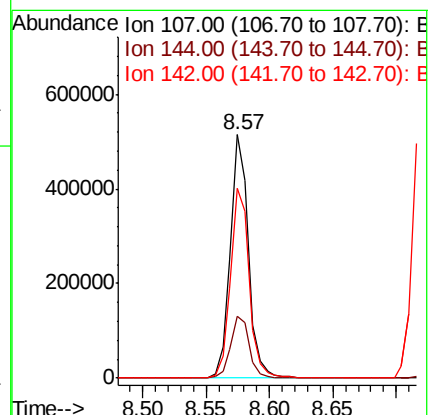
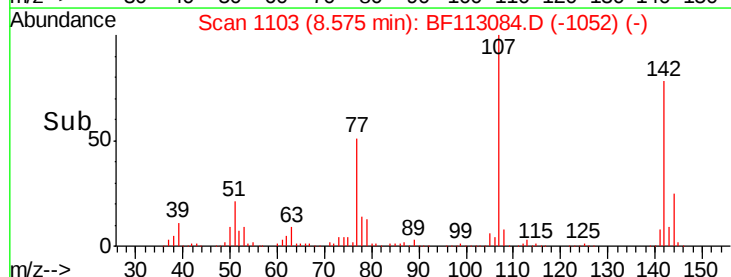


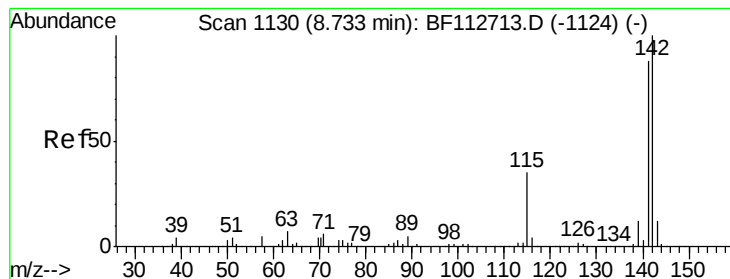
#36
 4-Chloro-3-methylphenol
 Concen: 39.338 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion:107 Resp: 509770
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 77.8 61.9 92.9



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: 39.003 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

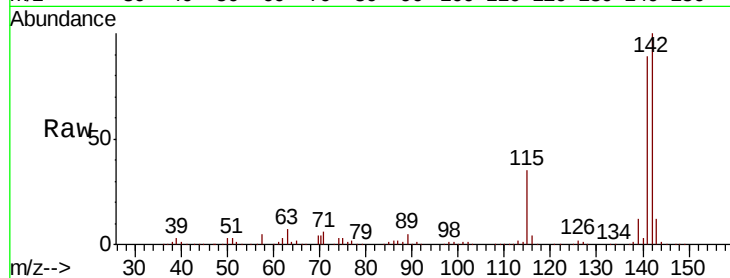
Tgt Ion:142 Resp: 1048216

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5

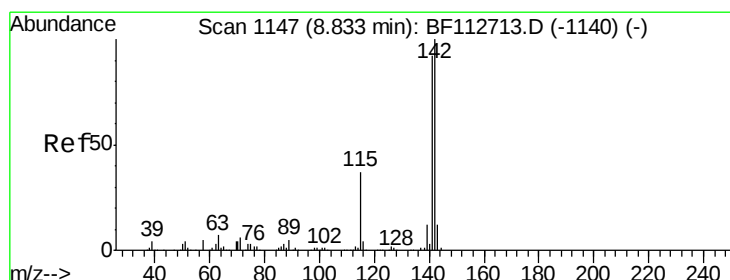
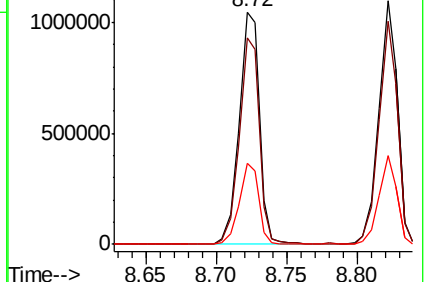
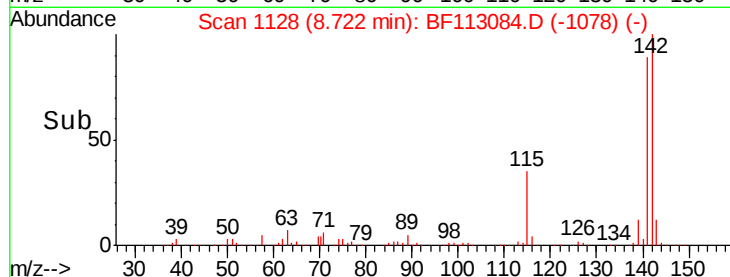
115 35.2 27.8 41.6



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: 38.663 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

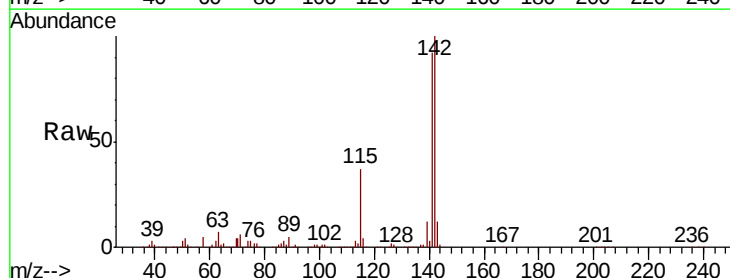
Tgt Ion:142 Resp: 1006565

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

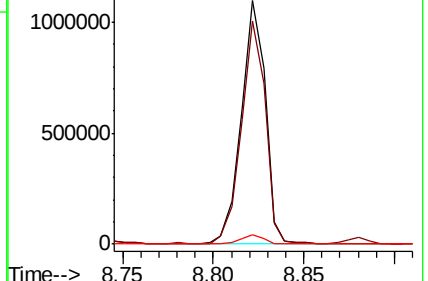
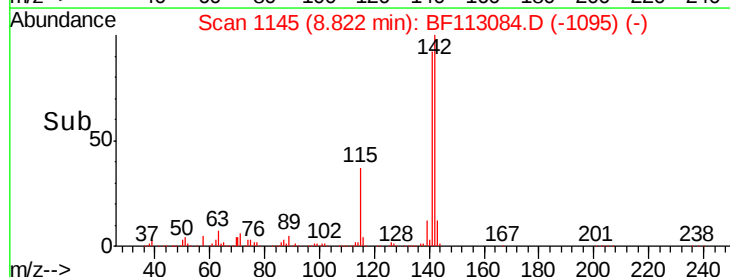
116 3.8 3.1 4.7

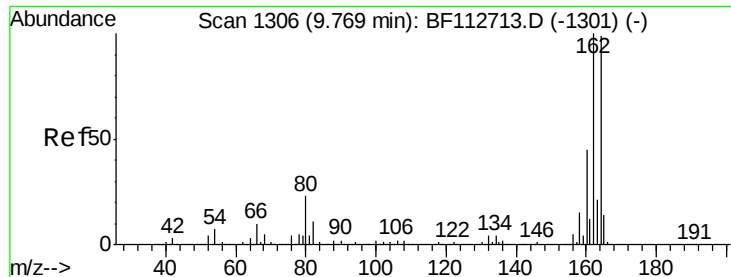


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

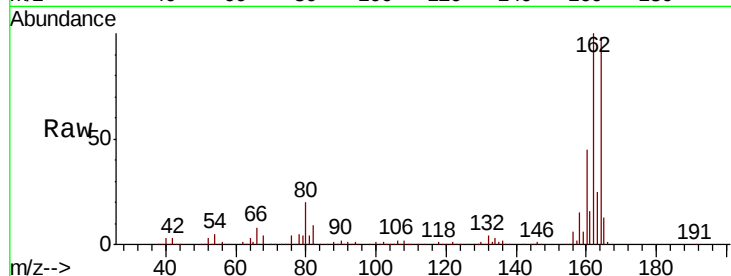




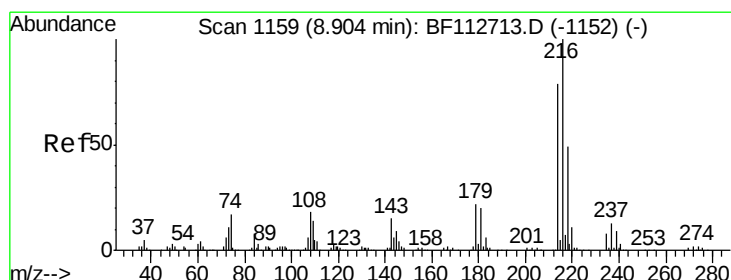
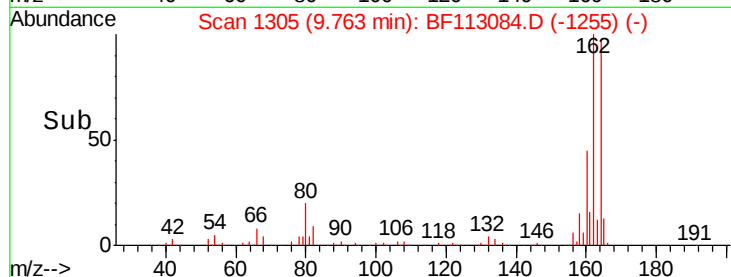
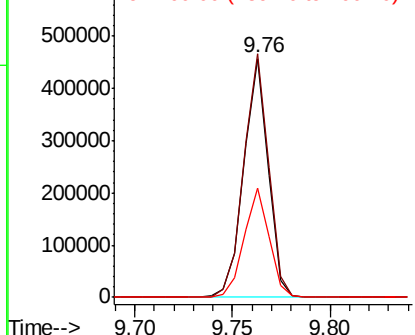
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 396134
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.6 36.0 54.0

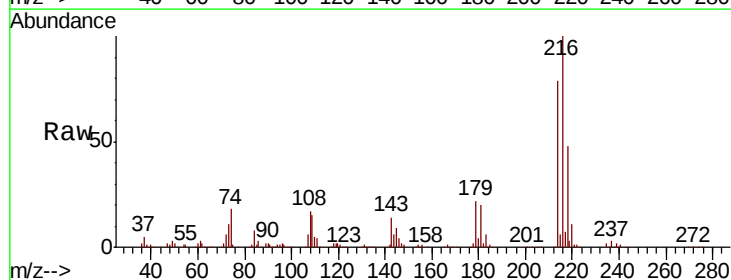


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

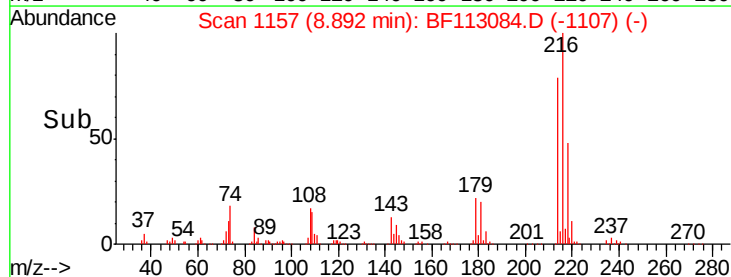
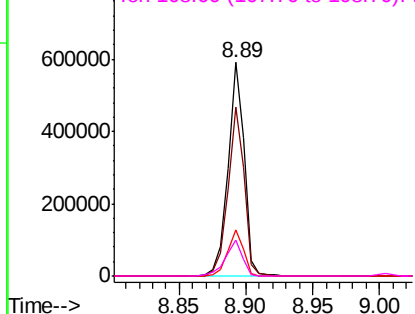


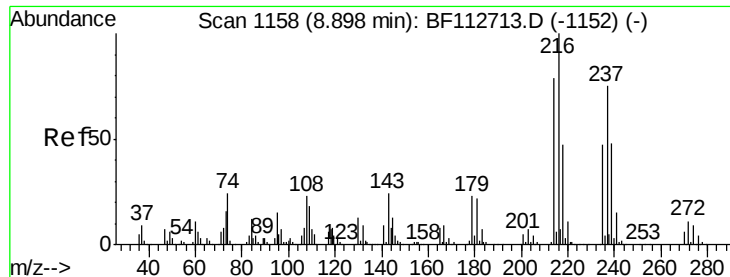
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.701 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:216 Resp: 504823
Ion Ratio Lower Upper
216 100
214 79.5 63.2 94.8
179 21.4 17.5 26.3
108 17.6 16.7 25.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.149 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

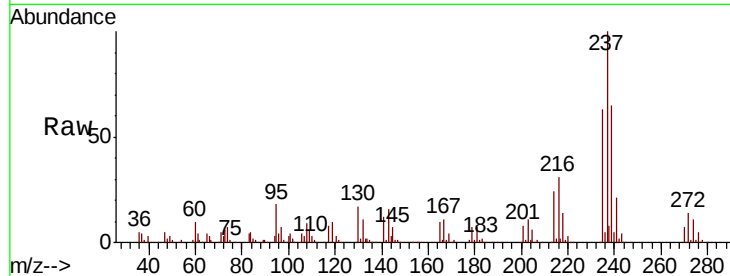
Tgt Ion: 237 Resp: 216016

Ion Ratio Lower Upper

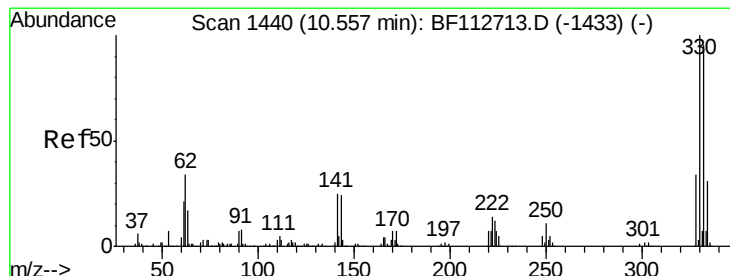
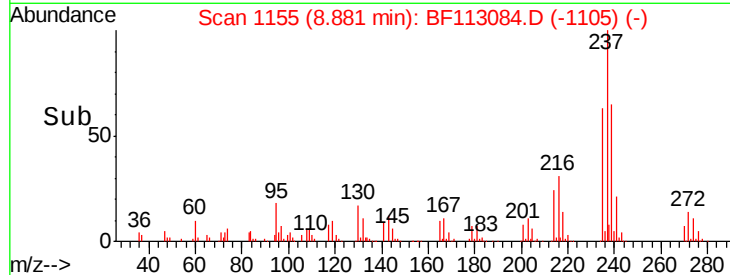
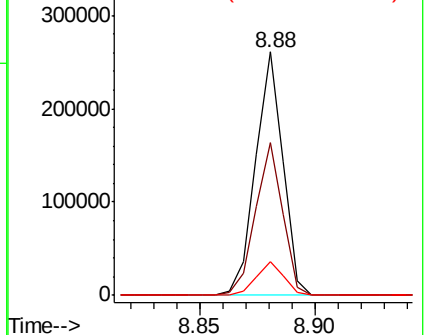
237 100

235 62.6 42.2 82.2

272 13.9 0.0 34.0



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: 90.118 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

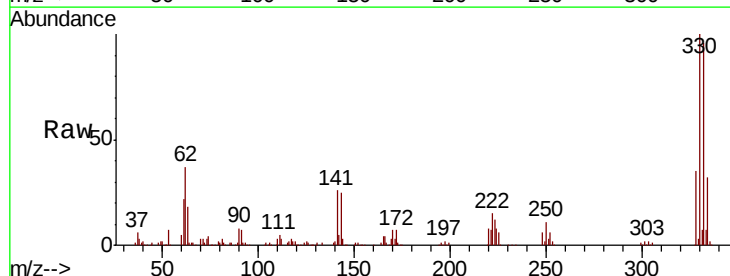
Tgt Ion: 330 Resp: 378988

Ion Ratio Lower Upper

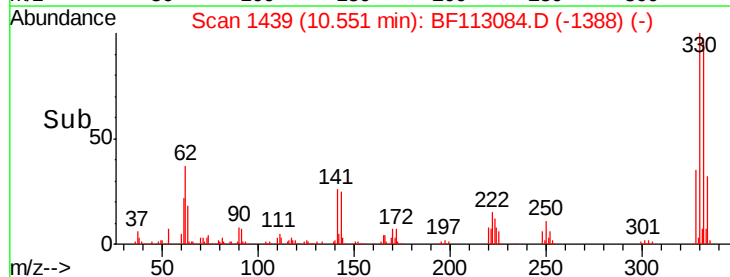
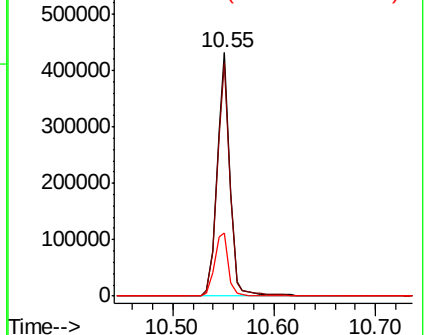
330 100

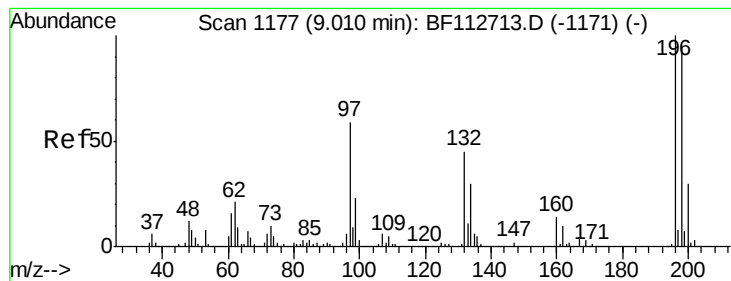
332 96.7 76.2 114.4

141 28.4 27.0 40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

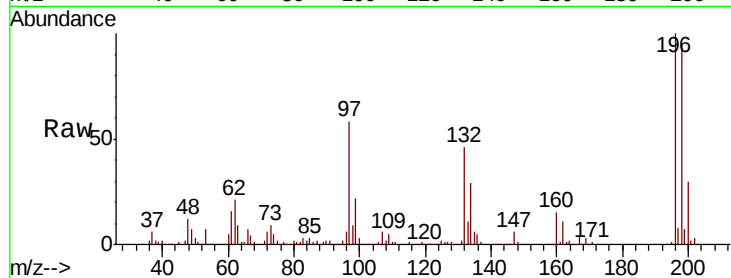




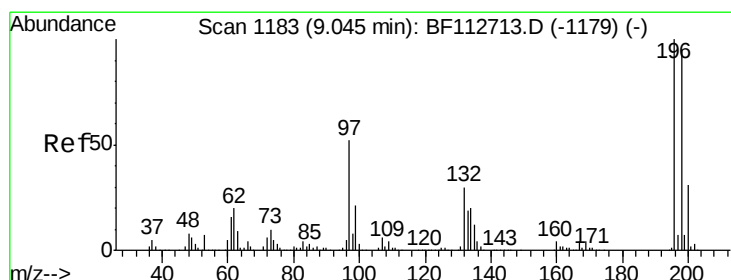
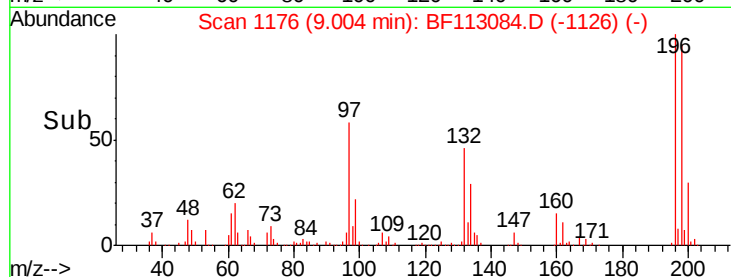
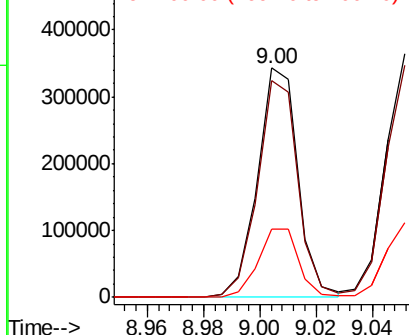
#43
 2,4,6-Trichlorophenol
 Concen: 42.678 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 339302
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.8 113.8
 200 29.8 24.3 36.5



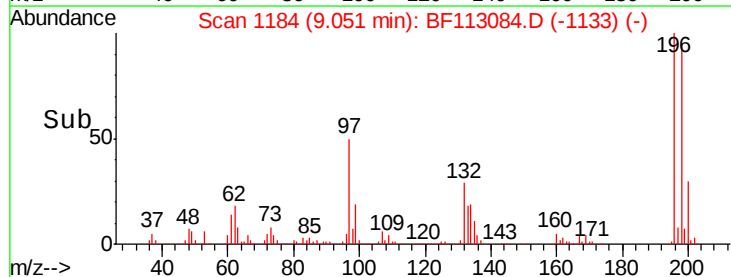
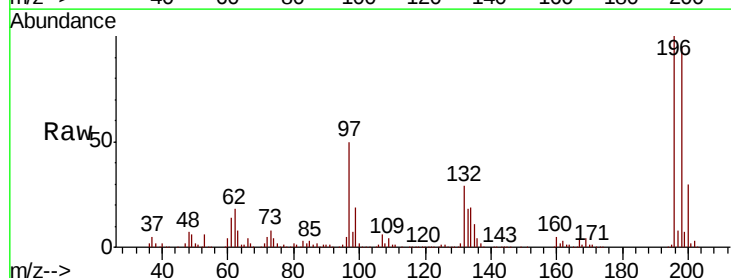
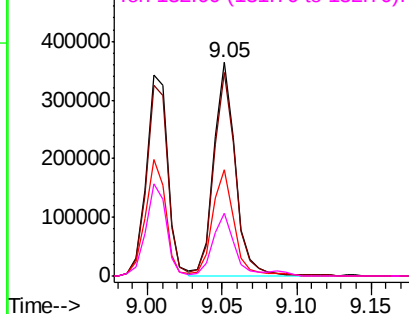
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

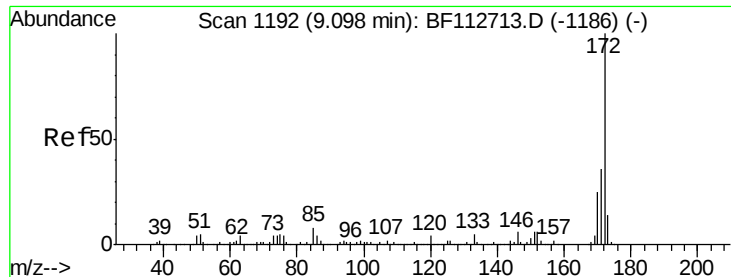


#44
 2,4,5-Trichlorophenol
 Concen: 42.582 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion:196 Resp: 365911
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.2 114.2
 97 49.7 41.5 62.3
 132 29.2 23.9 35.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

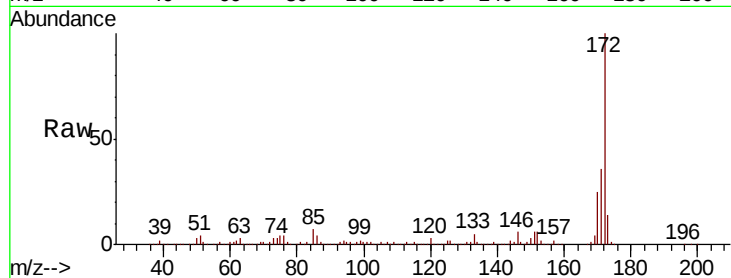




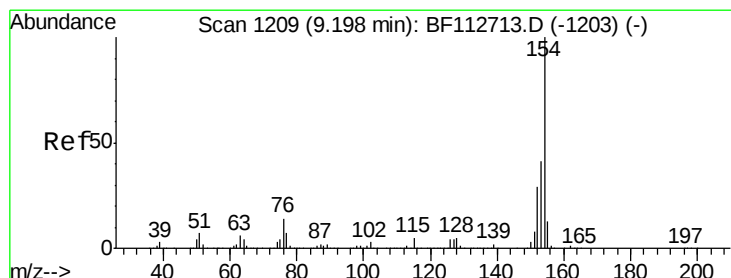
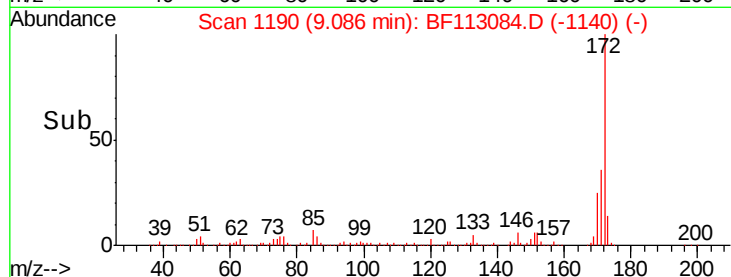
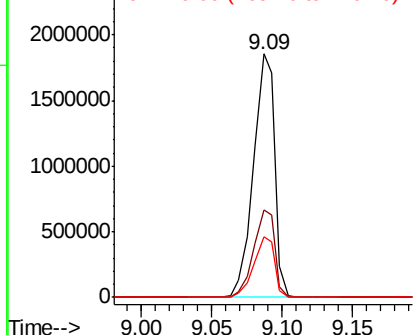
#45
2-Fluorobiphenyl
Concen: 82.020 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1979294
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.8 20.0 30.0

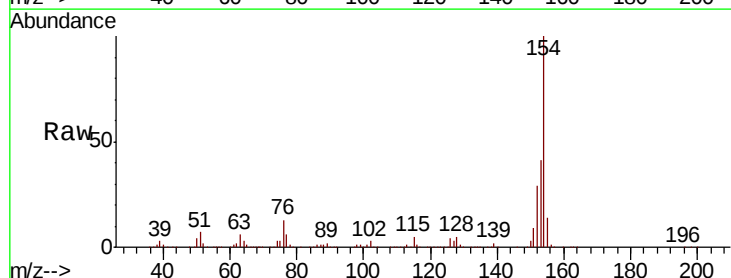


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

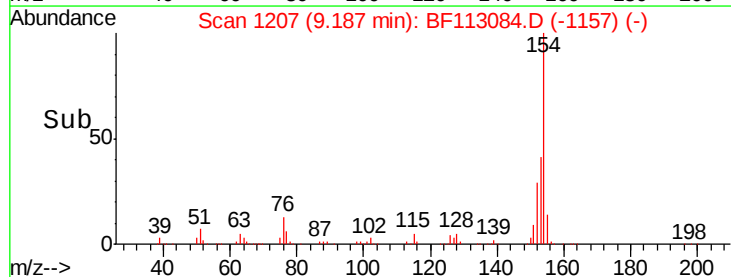
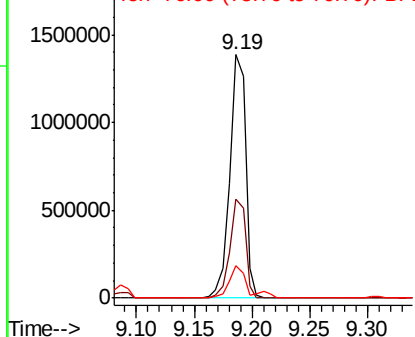


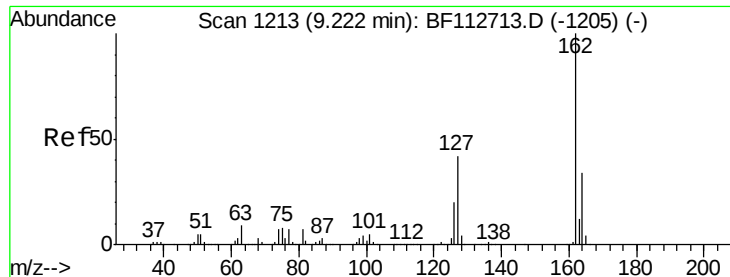
#46
1,1'-Biphenyl
Concen: 40.650 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:154 Resp: 1313439
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.2 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

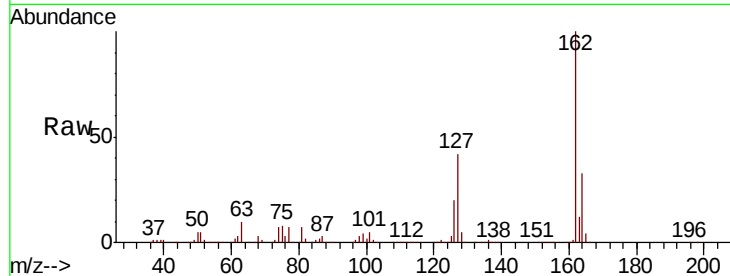




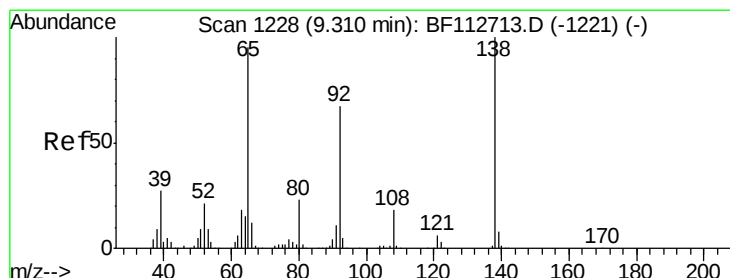
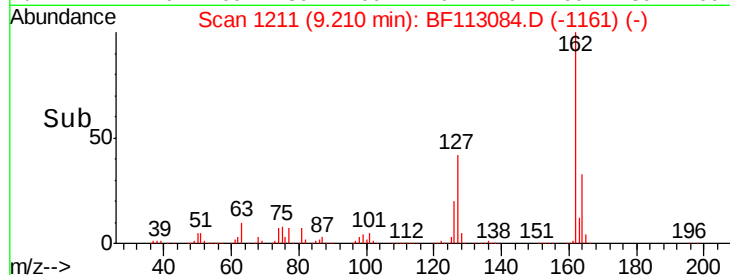
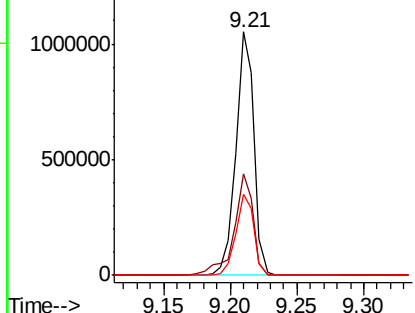
#47
2-Chloronaphthalene
Concen: 39.610 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.4	50.2
164	33.2	26.9	40.3

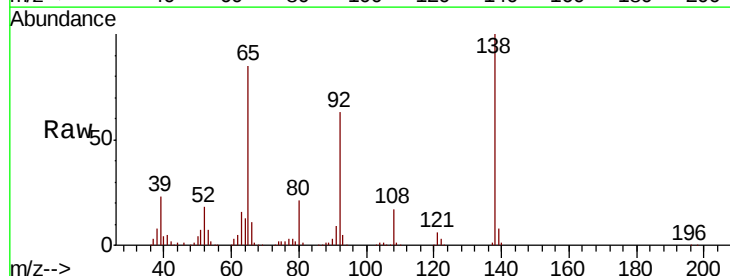


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

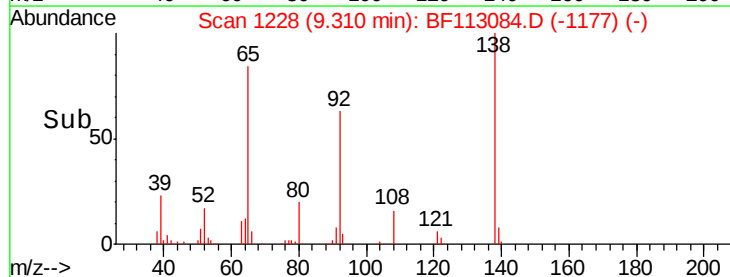
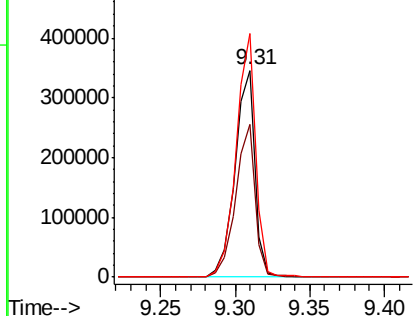


#48
2-Nitroaniline
Concen: 42.815 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	56.4	84.6
138	117.6	84.6	126.8



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





#49

Acenaphthylene

Concen: 37.707 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

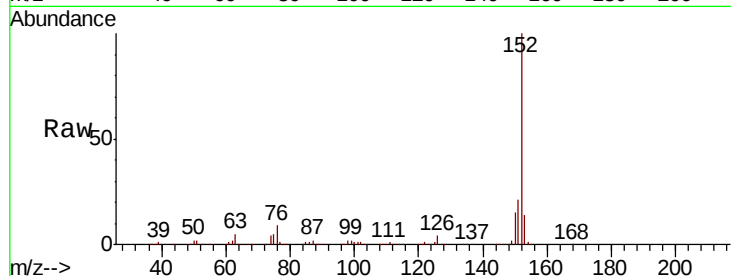
Tgt Ion:152 Resp: 1615014

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

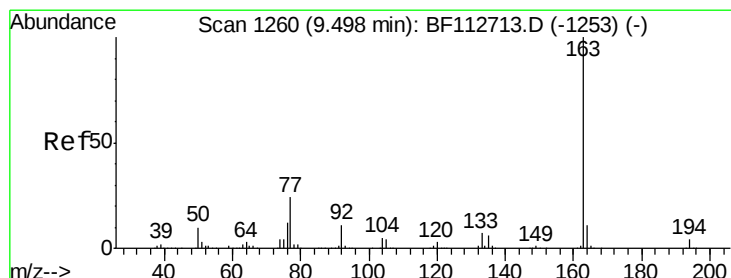
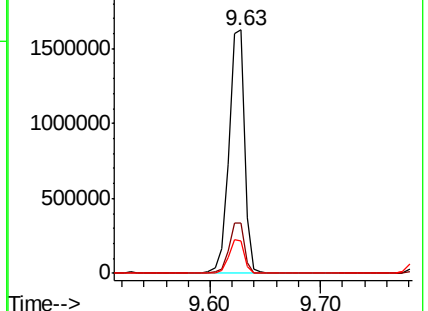
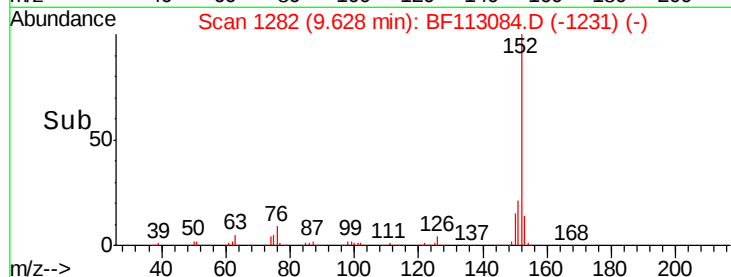
153 13.6 11.0 16.6



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: 40.004 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

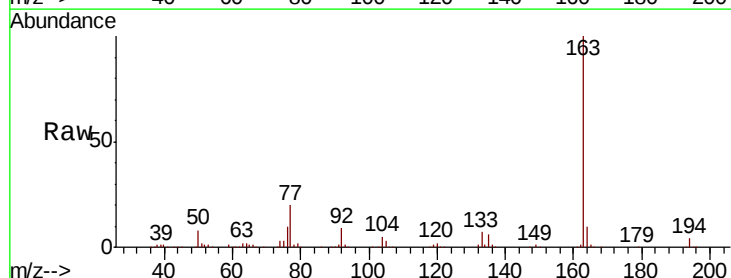
Tgt Ion:163 Resp: 1168470

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

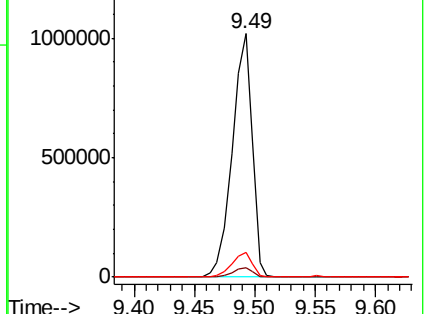
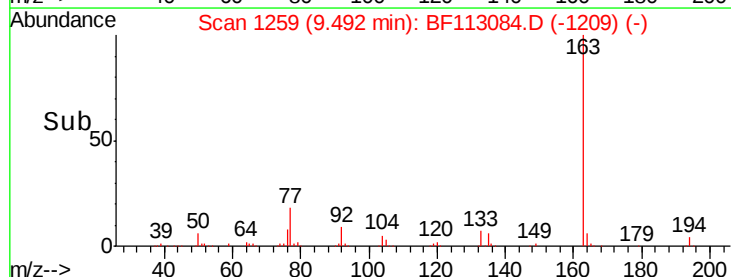
164 10.3 8.4 12.6

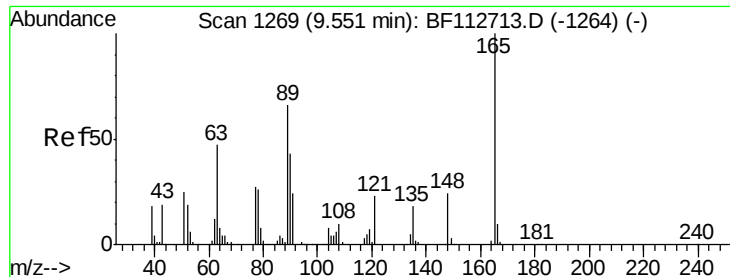


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

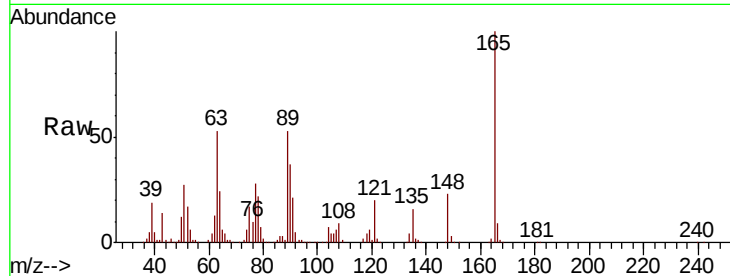




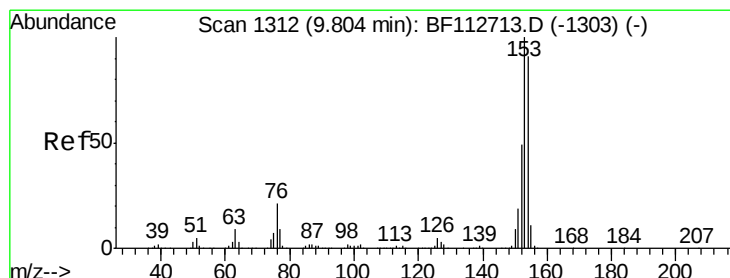
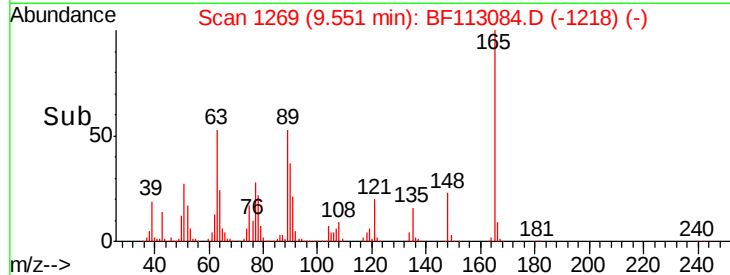
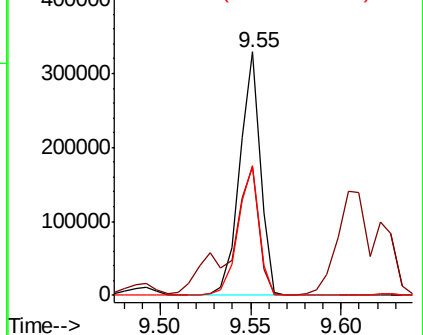
#51
2,6-Dinitrotoluene
Concen: 42.903 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 260958
Ion Ratio Lower Upper
165 100
63 52.8 54.1 81.1#
89 53.3 52.8 79.2

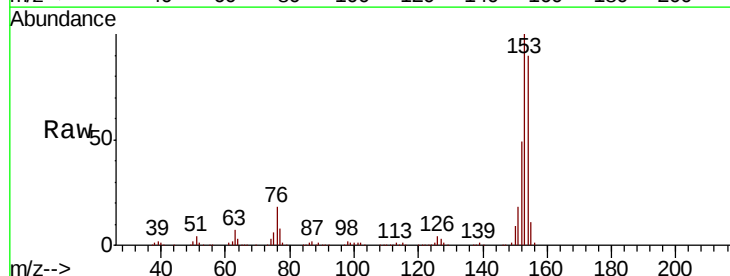


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

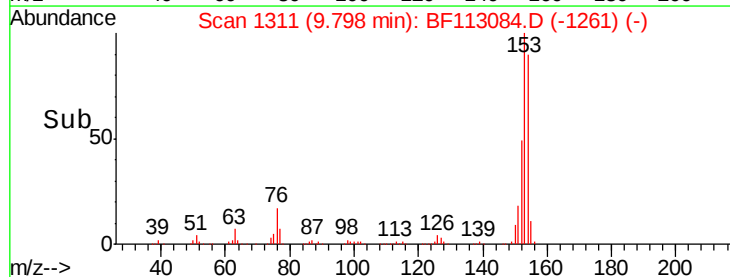
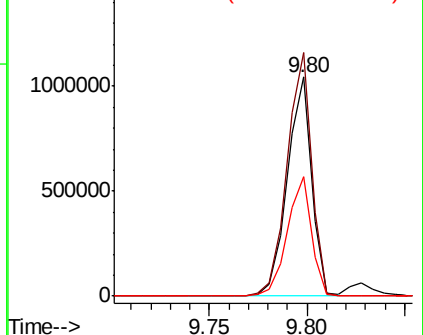


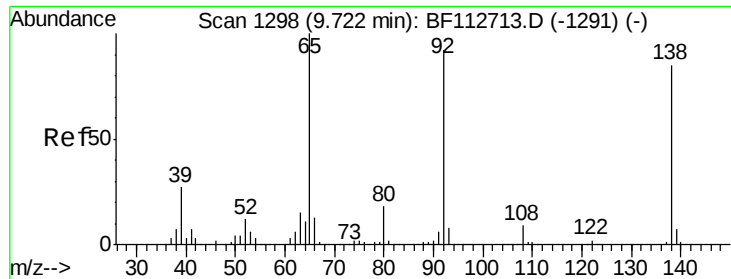
#52
Acenaphthene
Concen: 36.115 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:154 Resp: 904574
Ion Ratio Lower Upper
154 100
153 111.2 87.8 131.8
152 54.4 43.0 64.6



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

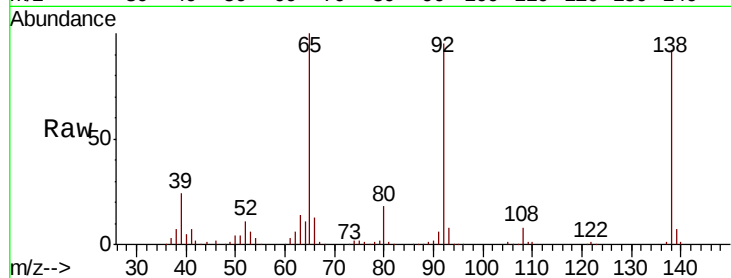




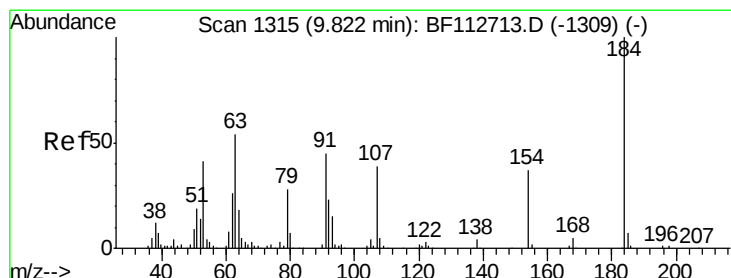
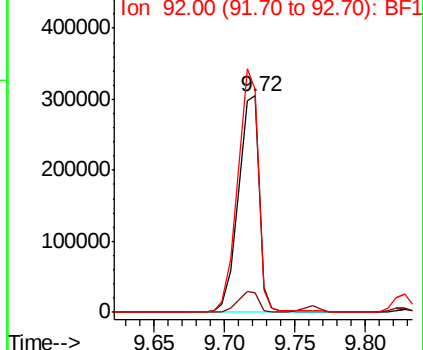
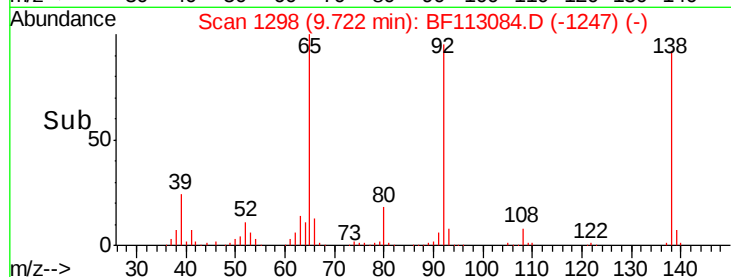
#53
 3-Nitroaniline
 Concen: 42.399 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 314241
 Ion Ratio Lower Upper
 138 100
 108 9.0 8.6 13.0
 92 103.0 86.6 129.8

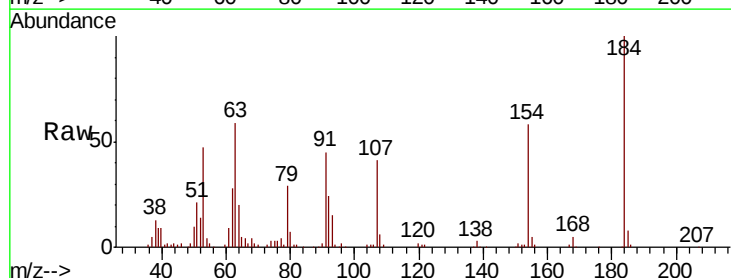


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

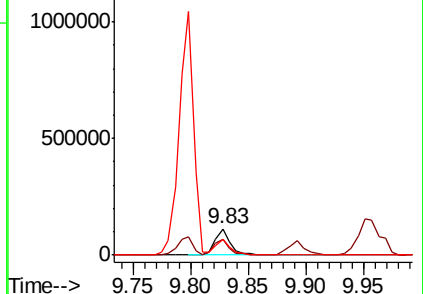
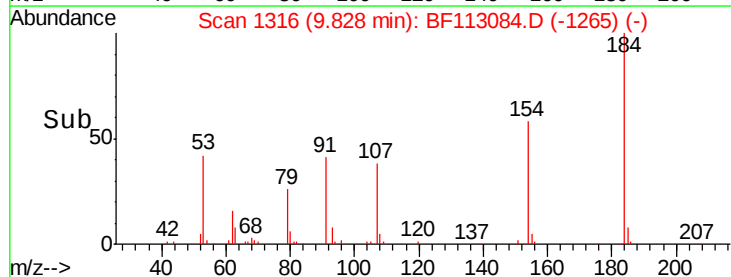


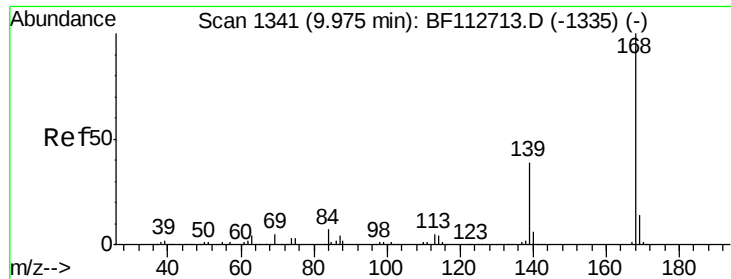
#54
 2,4-Dinitrophenol
 Concen: 45.985 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion:184 Resp: 106985
 Ion Ratio Lower Upper
 184 100
 63 59.3 45.3 67.9
 154 58.5 46.0 69.0



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

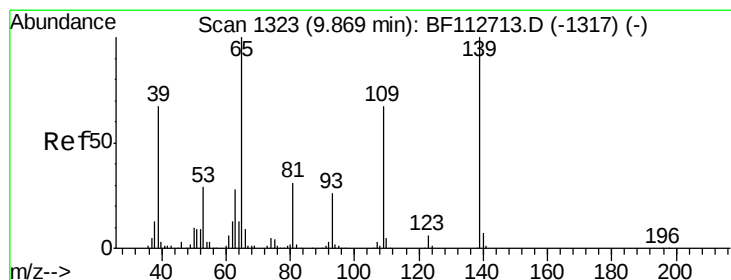
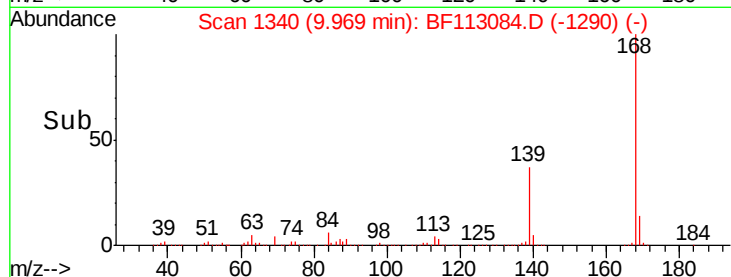
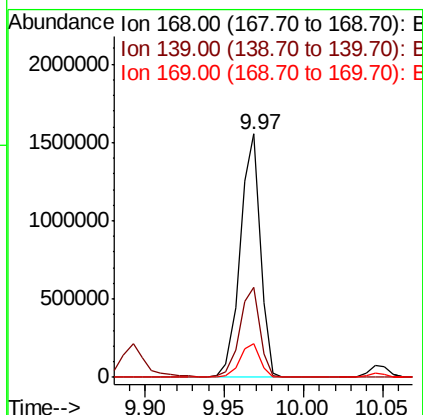
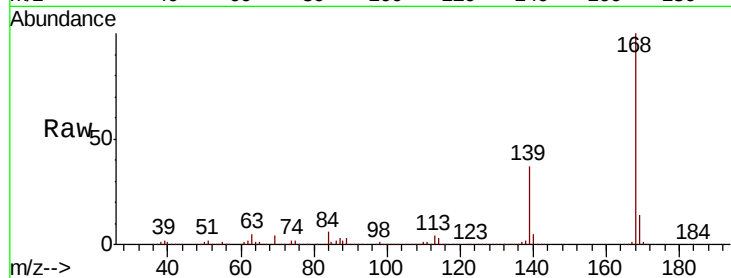




#55
Dibenzenofuran
Concen: 37.486 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

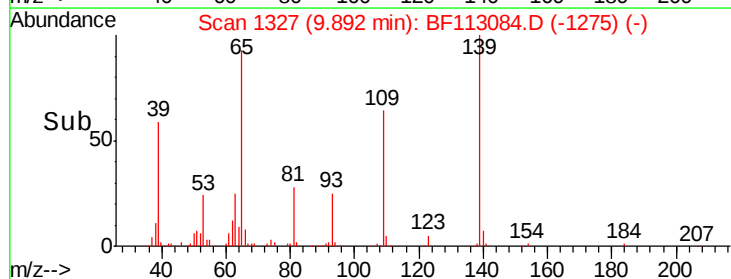
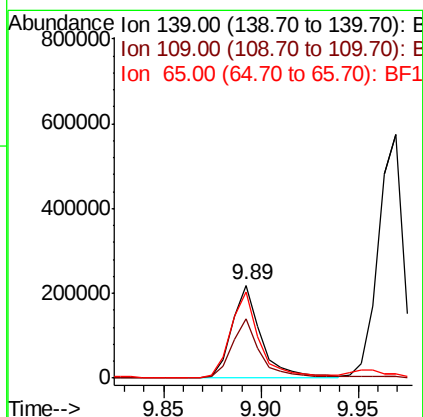
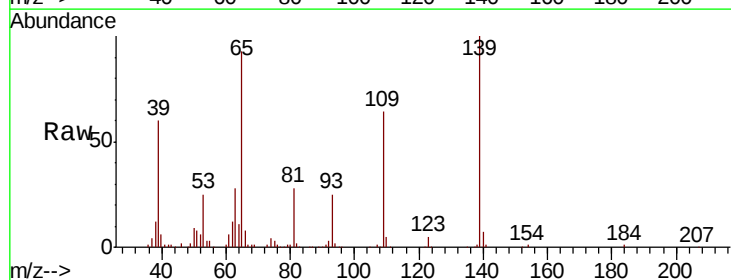
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

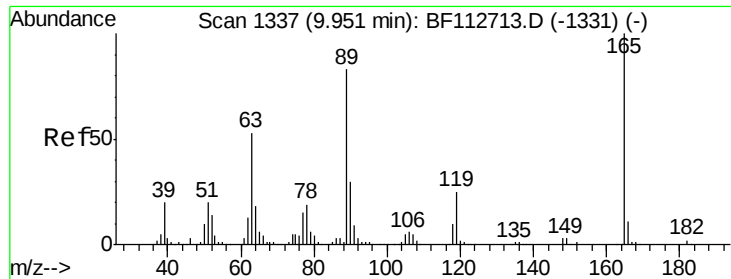
Tgt Ion:168 Resp: 1364614
Ion Ratio Lower Upper
168 100
139 36.9 31.3 46.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 37.896 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:139 Resp: 228267
Ion Ratio Lower Upper
139 100
109 64.3 46.8 86.8
65 93.4 80.7 120.7

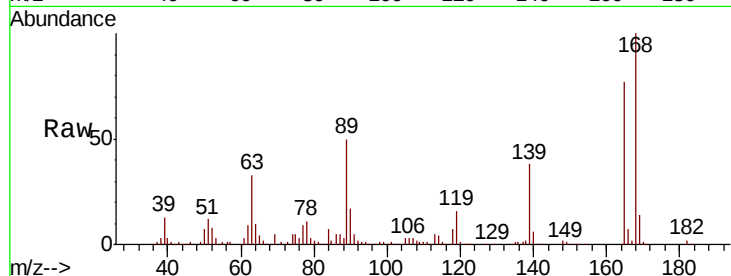




#57
2,4-Dinitrotoluene
Concen: 45.439 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	42.2	63.2
89	65.5	66.2	99.4
182	2.5	1.8	2.6



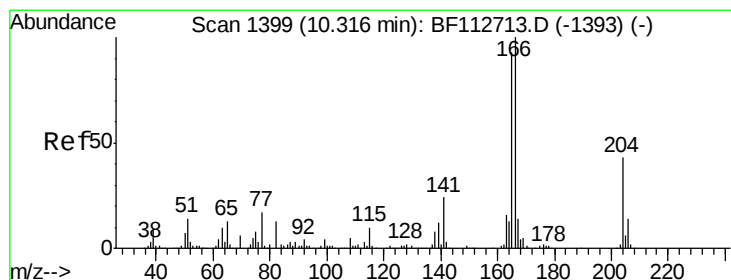
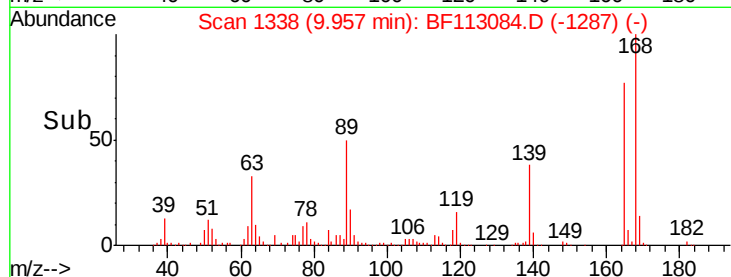
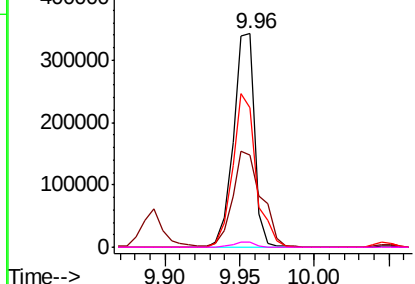
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

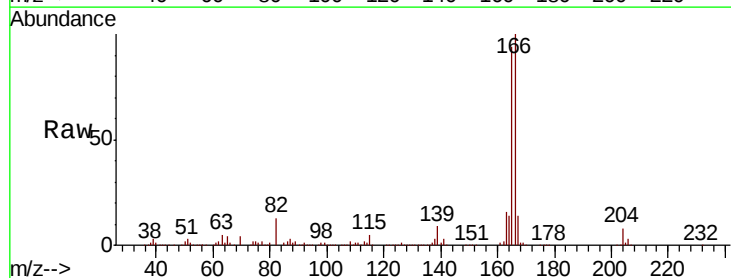
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.534 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	74.7	112.1
167	13.6	11.0	16.6

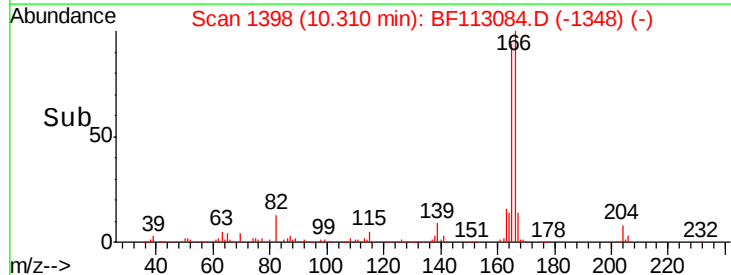
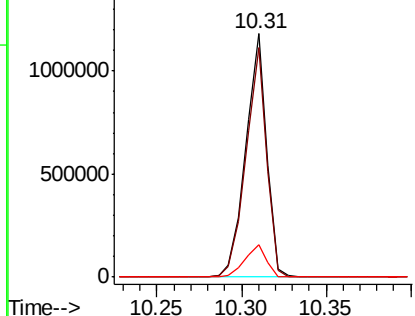


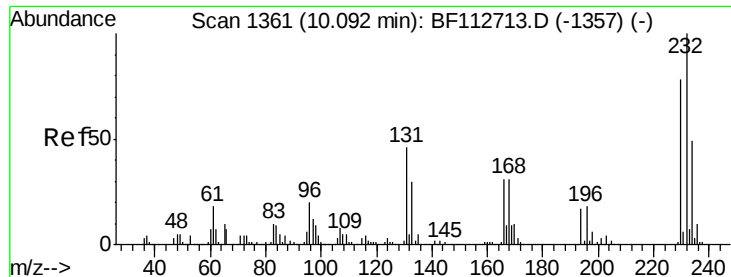
Abundance

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

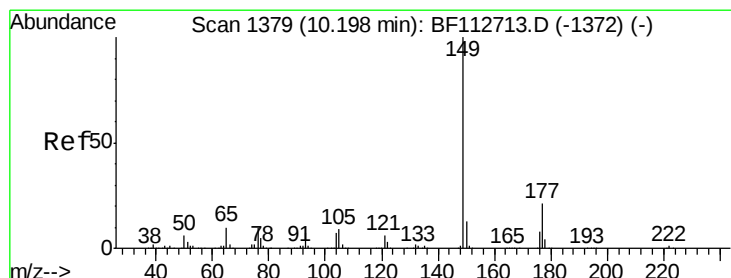
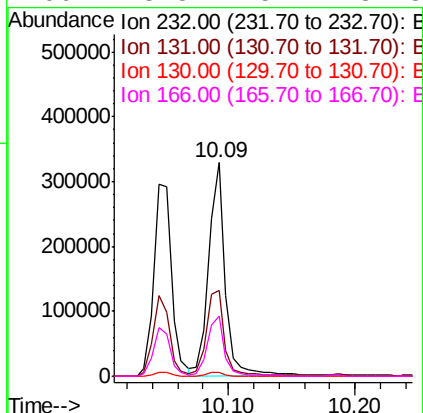
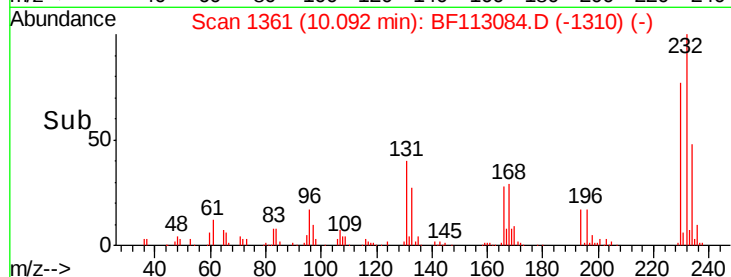
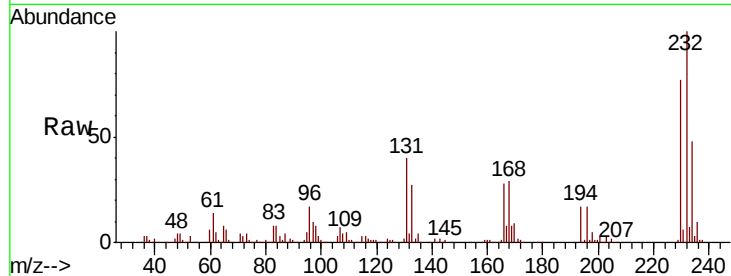




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.406 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

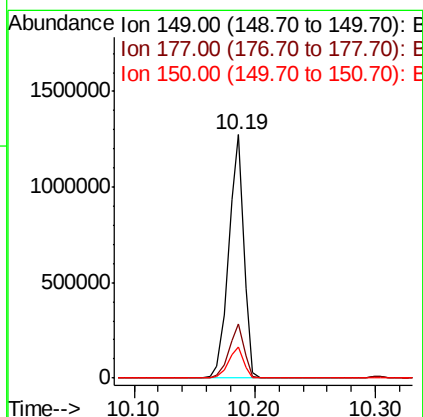
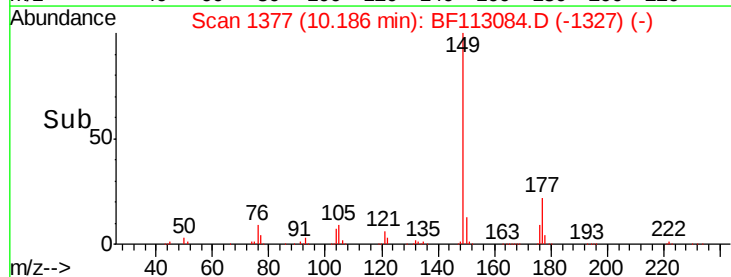
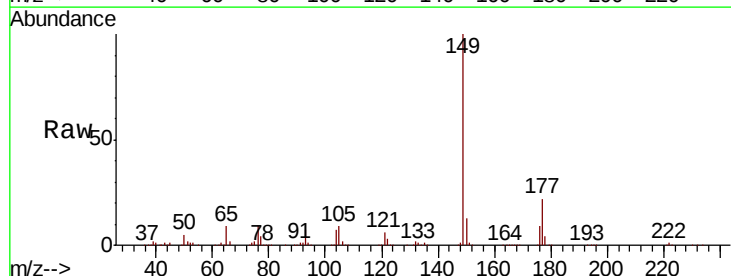
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

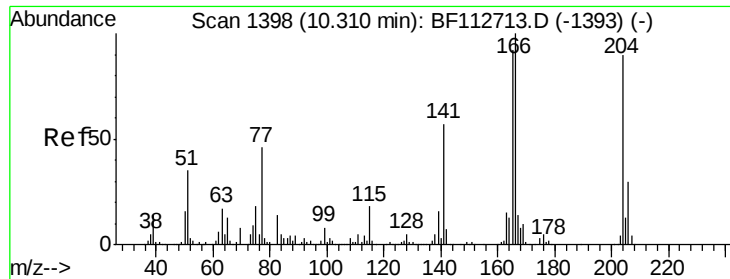
Tgt Ion: 232 Resp: 303600
Ion Ratio Lower Upper
232 100
131 42.8 38.7 58.1
130 2.0 1.9 2.9
166 28.8 25.2 37.8



#60
Diethylphthalate
Concen: 35.806 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion: 149 Resp: 1104601
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.6
150 12.7 10.0 15.0

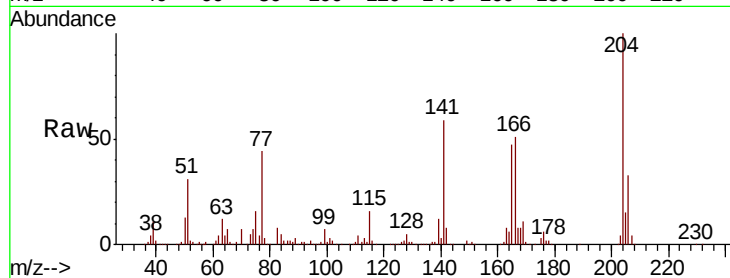




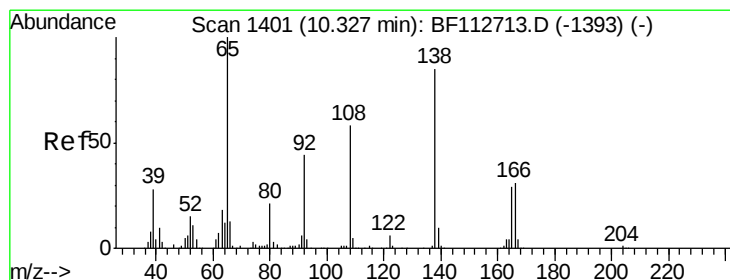
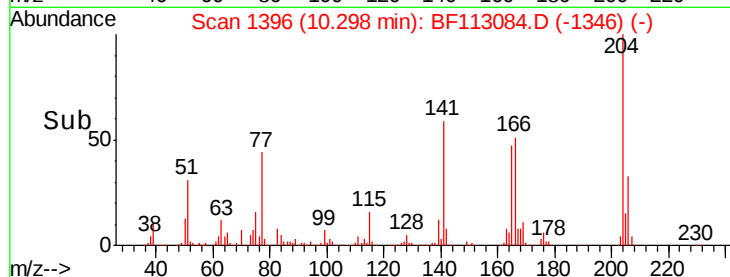
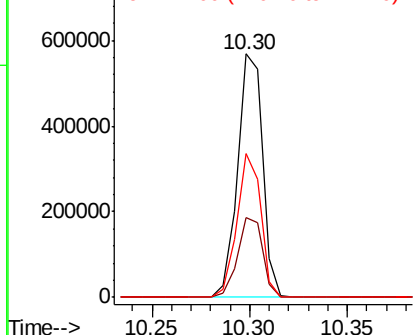
#61
4-Chlorophenyl-phenylether
Concen: 42.041 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 505384
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 59.2 50.8 76.2

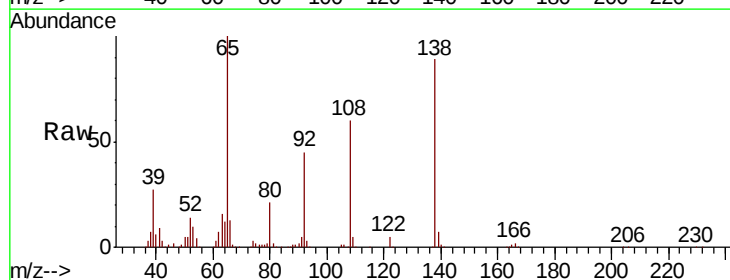


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

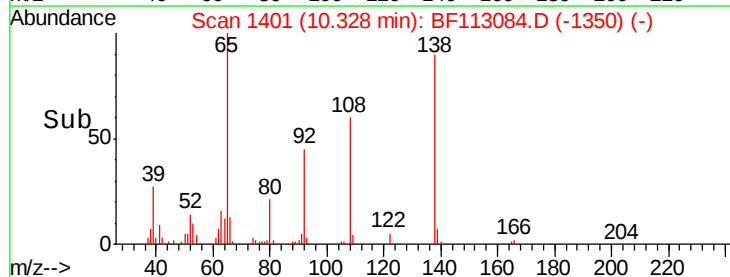
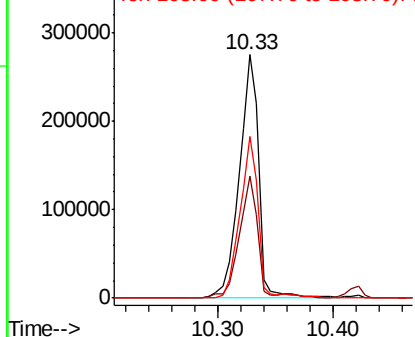


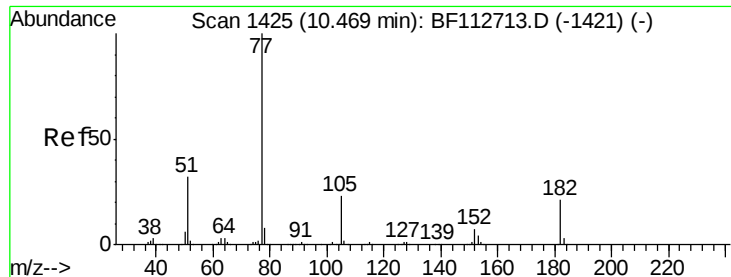
#62
4-Nitroaniline
Concen: 46.654 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion: 138 Resp: 319522
Ion Ratio Lower Upper
138 100
92 50.2 31.3 71.3
108 66.6 48.1 88.1



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: 34.190 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1080337

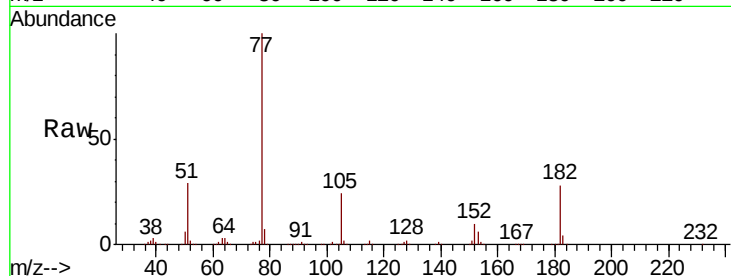
Ion Ratio Lower Upper

77 100

182 28.0 1.4 41.4

105 23.8 2.6 42.6

51 28.8 12.0 52.0

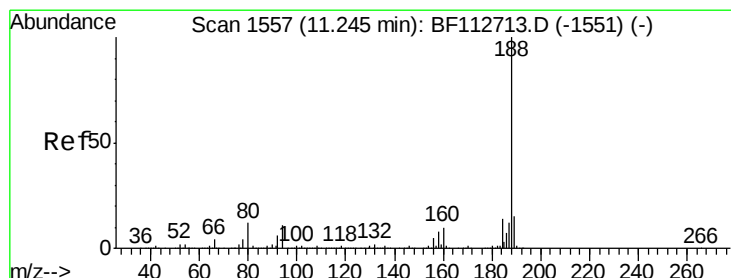
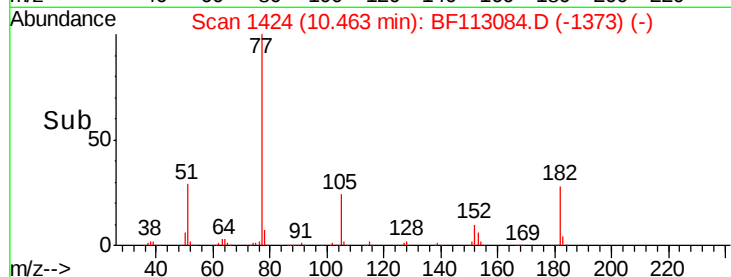
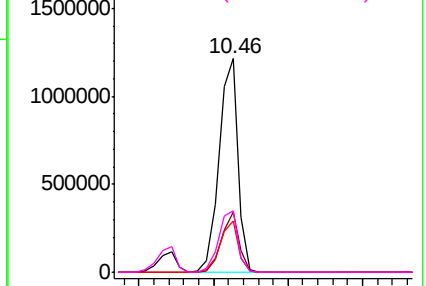


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

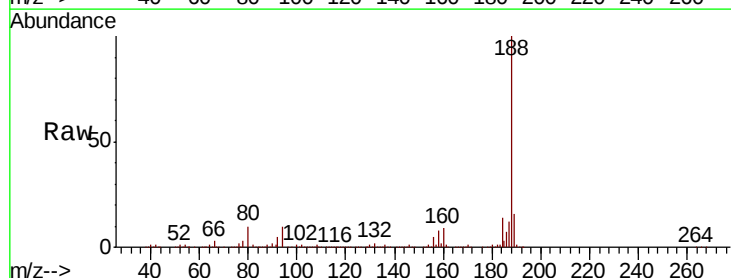
Tgt Ion: 188 Resp: 779570

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

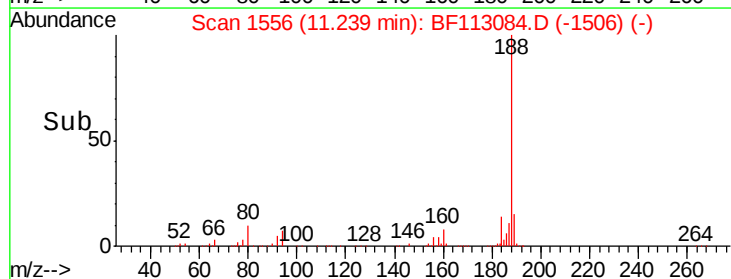
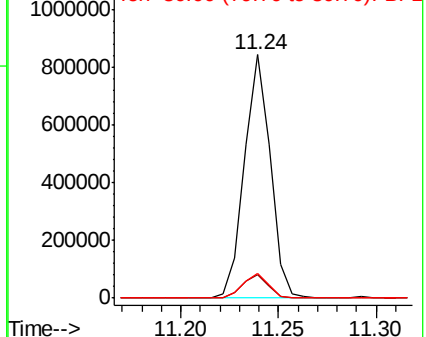
80 9.9 9.2 13.8



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

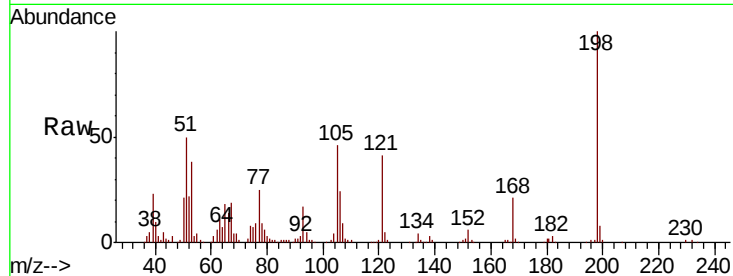




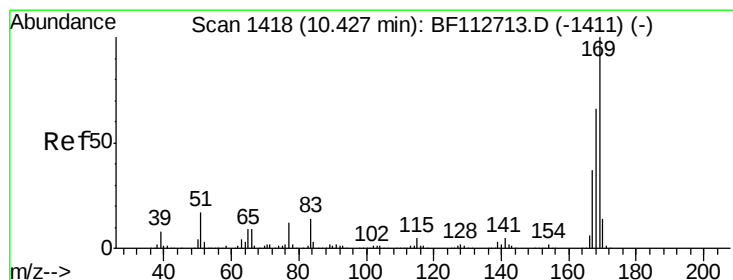
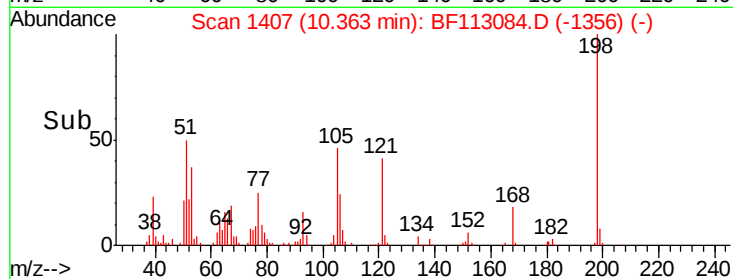
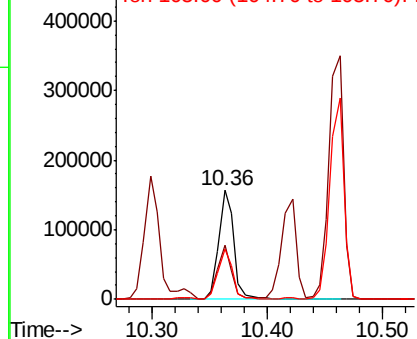
#65
4,6-Dinitro-2-methylphenol
Concen: 45.143 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 143629
Ion Ratio Lower Upper
198 100
51 49.9 43.8 83.8
105 45.8 36.5 76.5

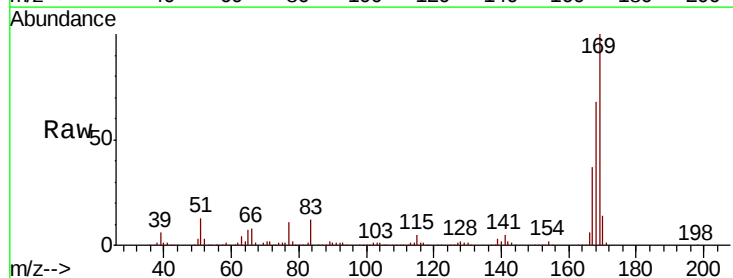


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

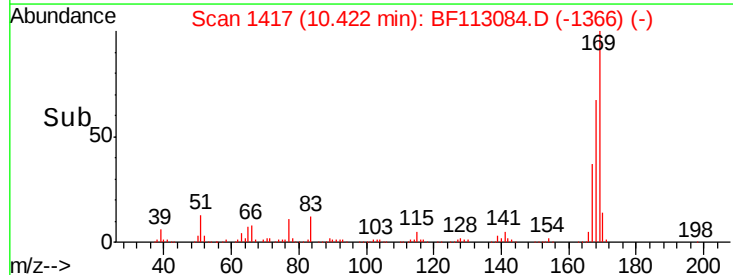
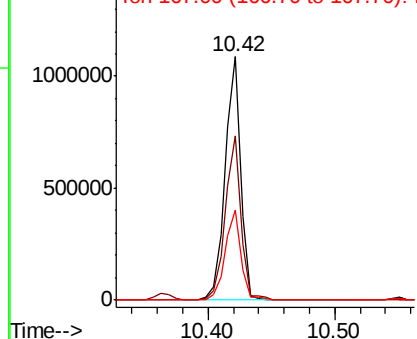


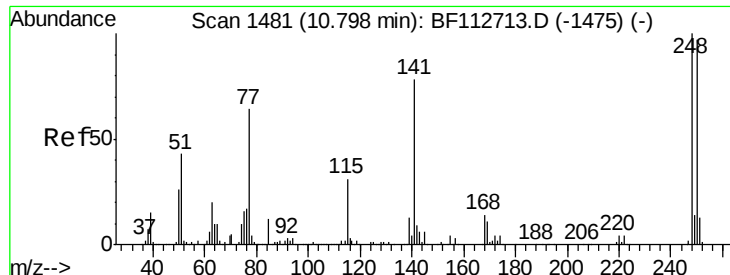
#66
n-Nitrosodiphenylamine
Concen: 37.213 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:169 Resp: 930381
Ion Ratio Lower Upper
169 100
168 67.7 53.0 79.6
167 37.1 29.3 43.9



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

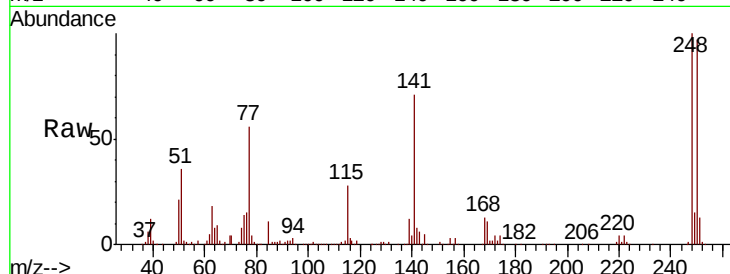




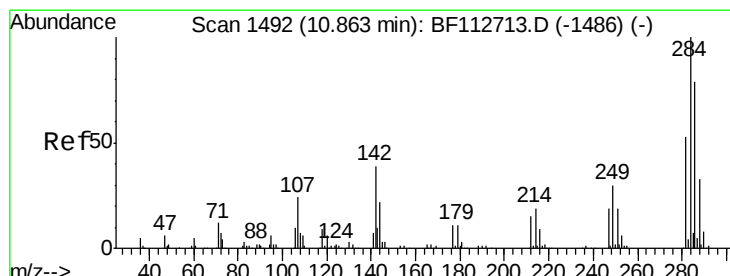
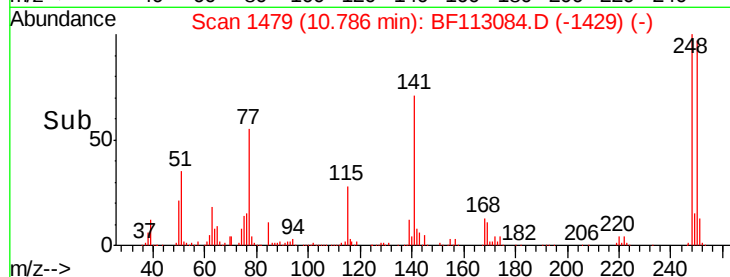
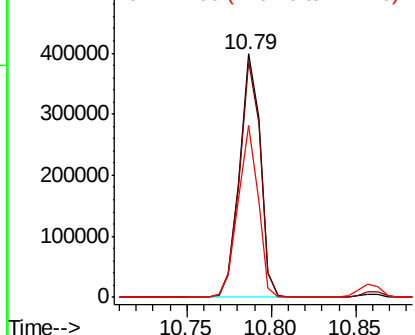
#67
4-Bromophenyl-phenylether
Concen: 41.591 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 341516
Ion Ratio Lower Upper
248 100
250 97.0 77.5 116.3
141 70.8 62.4 93.6

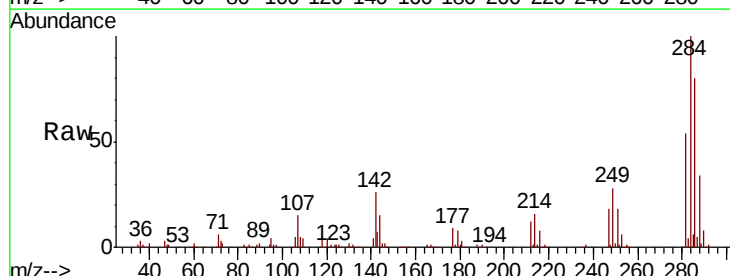


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

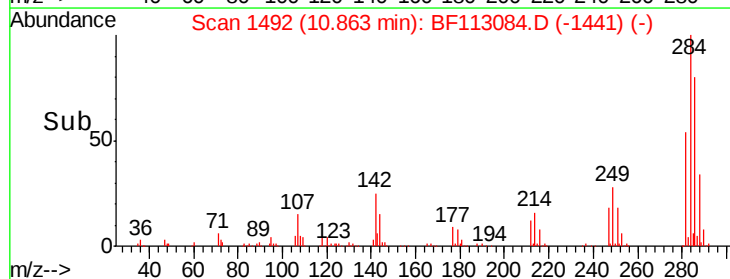
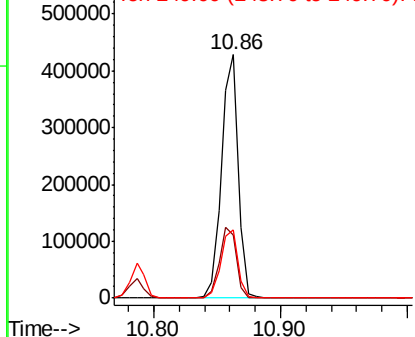


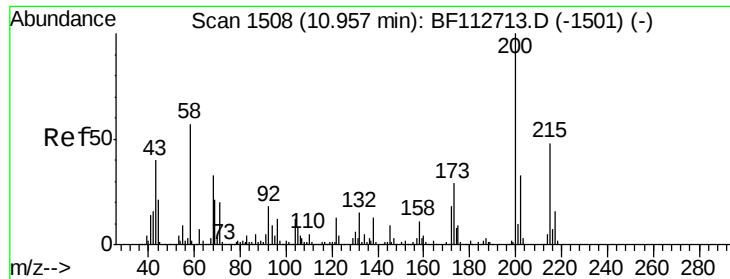
#68
Hexachlorobenzene
Concen: 42.645 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:284 Resp: 394732
Ion Ratio Lower Upper
284 100
142 25.7 31.0 46.6#
249 28.1 23.6 35.4



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: 35.593 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

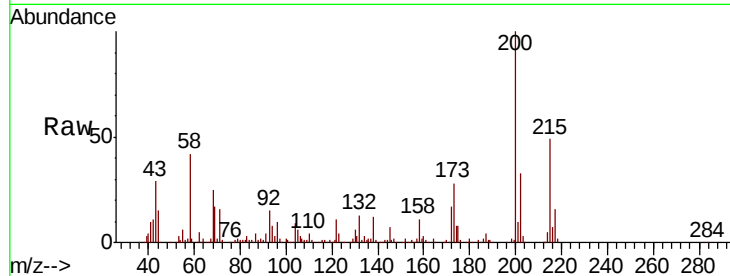
Tgt Ion:200 Resp: 272541

Ion Ratio Lower Upper

200 100

173 27.7 9.1 49.1

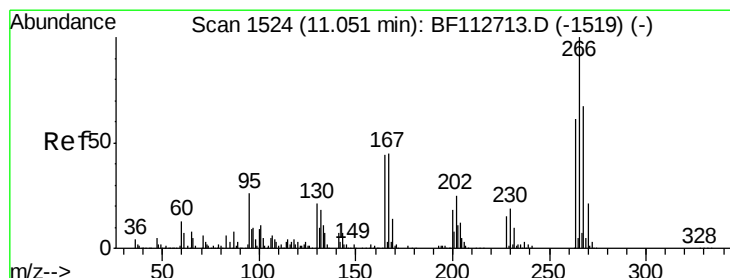
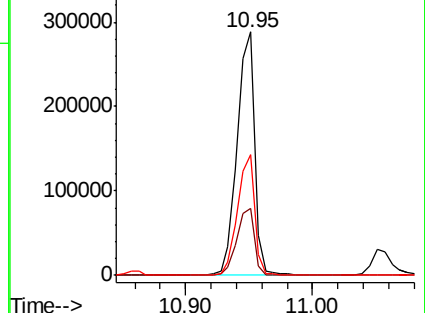
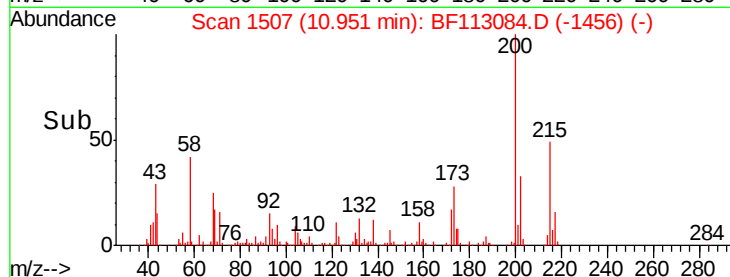
215 49.5 28.2 68.2



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: 40.492 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

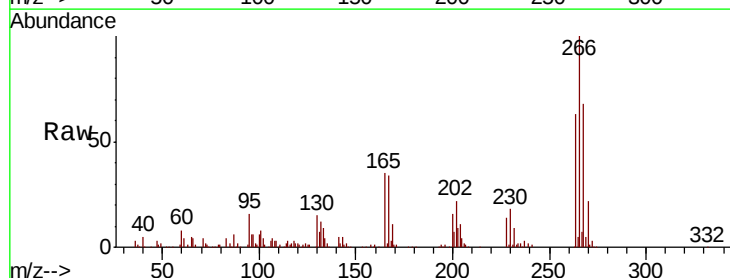
Tgt Ion:266 Resp: 220596

Ion Ratio Lower Upper

266 100

268 67.5 53.3 79.9

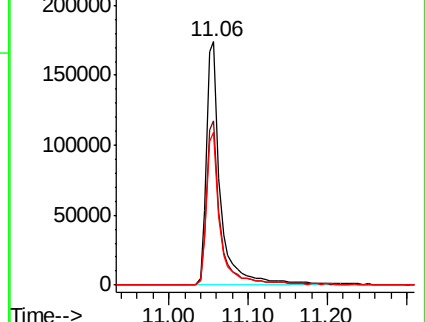
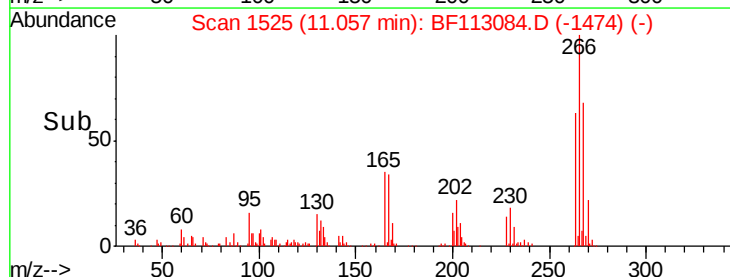
264 62.7 48.9 73.3

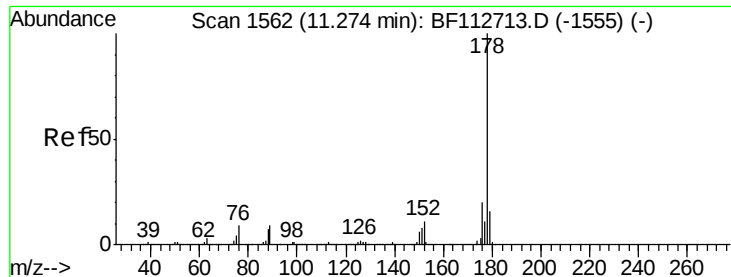


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

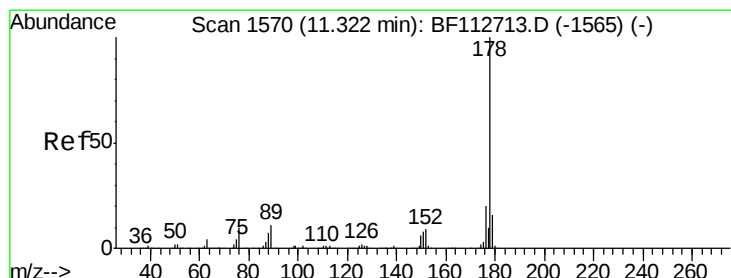
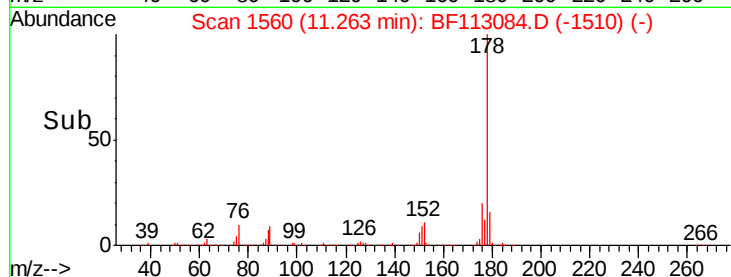
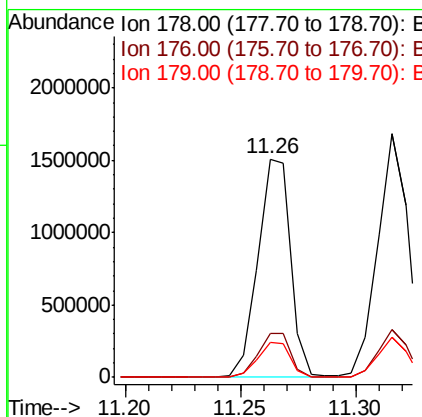
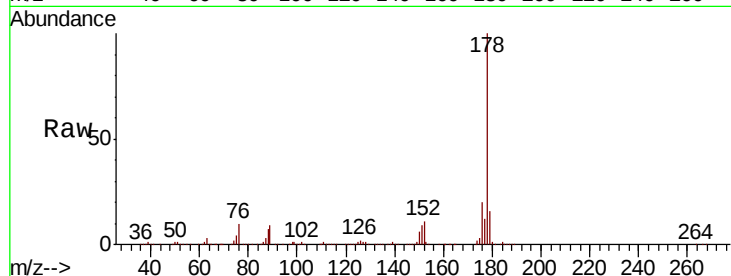




#71
Phenanthrene
Concen: 38.643 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

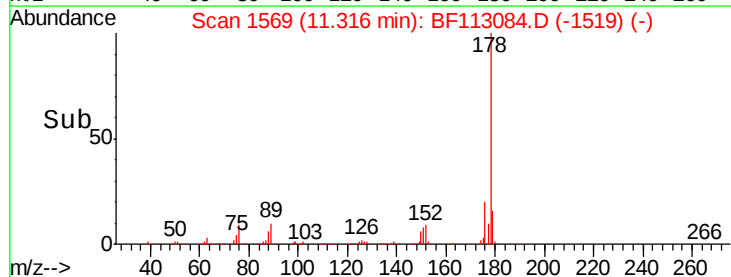
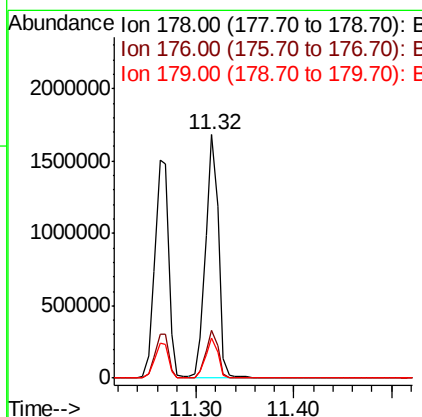
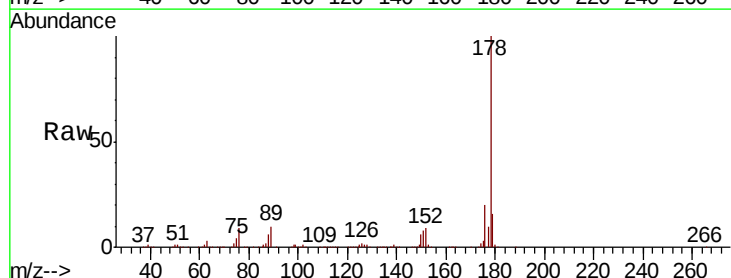
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

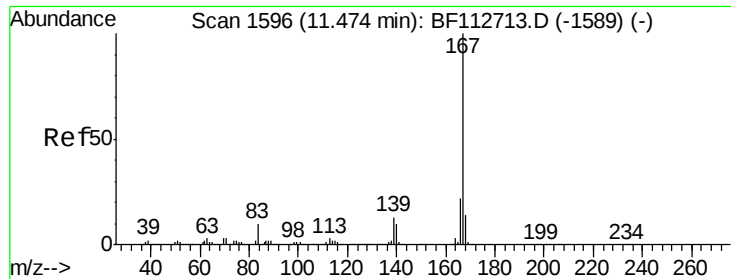
Tgt Ion:178 Resp: 1498821
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 16.1 12.7 19.1



#72
Anthracene
Concen: 38.093 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:178 Resp: 1546611
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.4 13.0 19.6

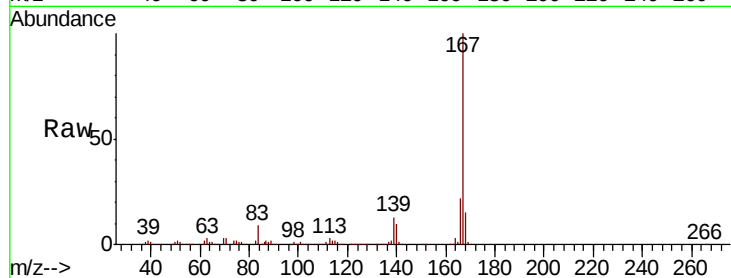




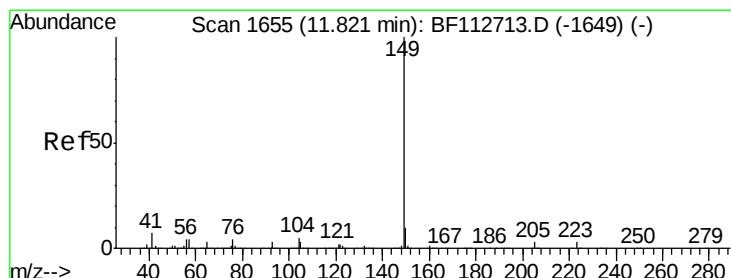
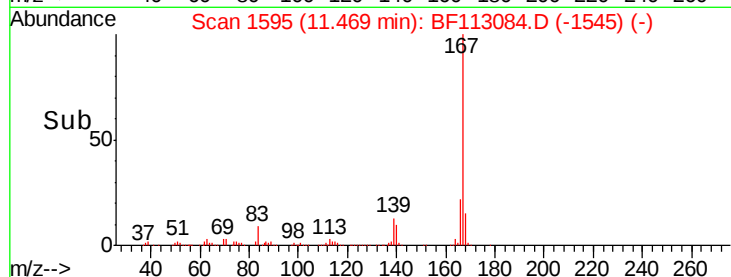
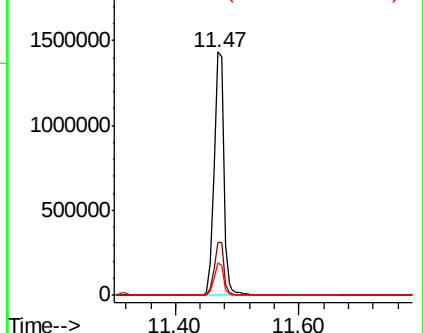
#73
 Carbazole
 Concen: 38.009 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:167 Resp: 1505419
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.2 10.8 16.2

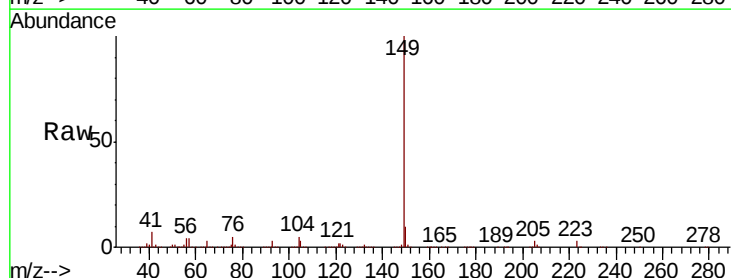


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

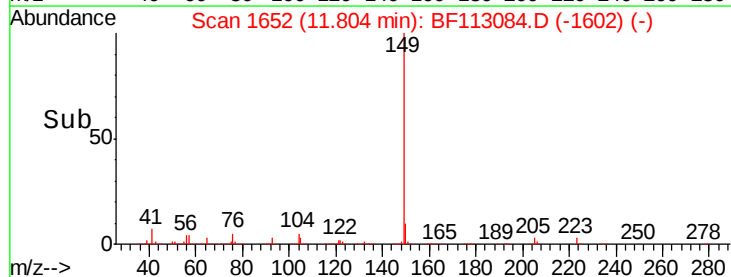
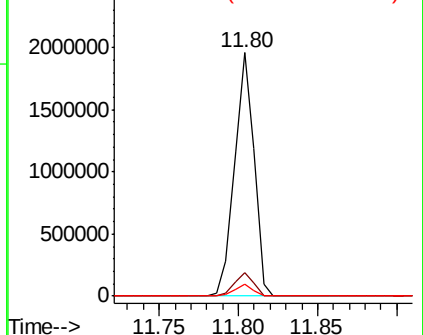


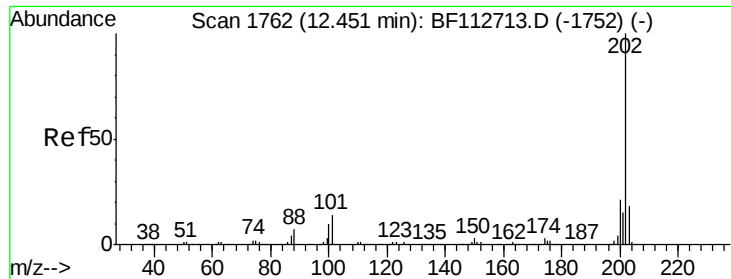
#74
 Di-n-butylphthalate
 Concen: 35.192 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF113084.D
 Acq: 18 Mar 2019 12:15

Tgt Ion:149 Resp: 1671313
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.259 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

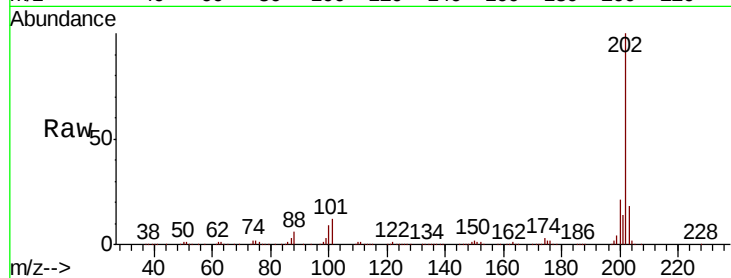
Tgt Ion:202 Resp: 1631415

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.8

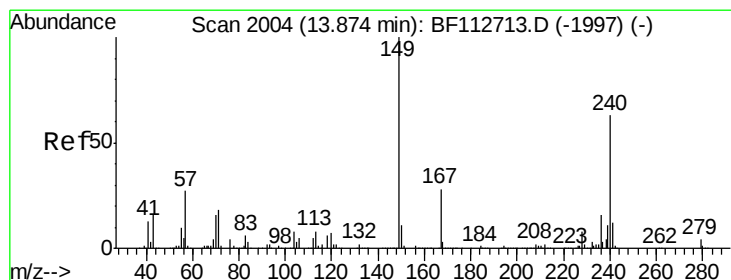
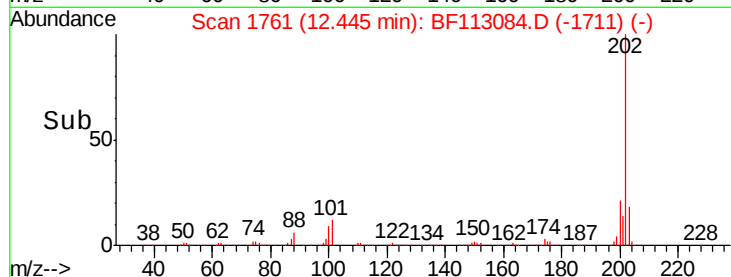
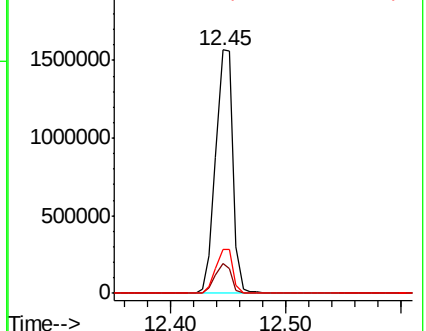
203 18.2 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

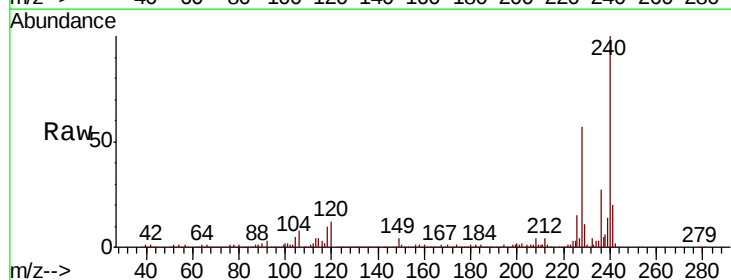
Tgt Ion:240 Resp: 597909

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

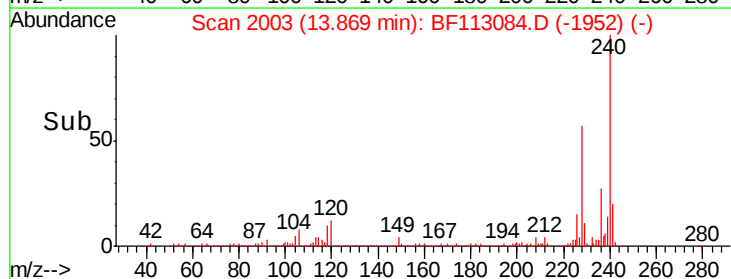
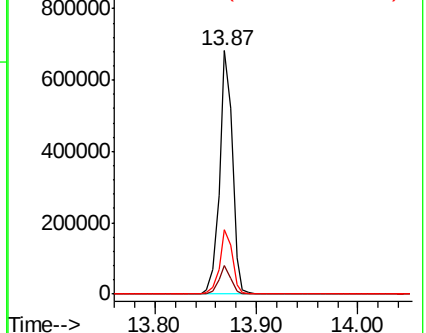
236 26.6 20.7 31.1

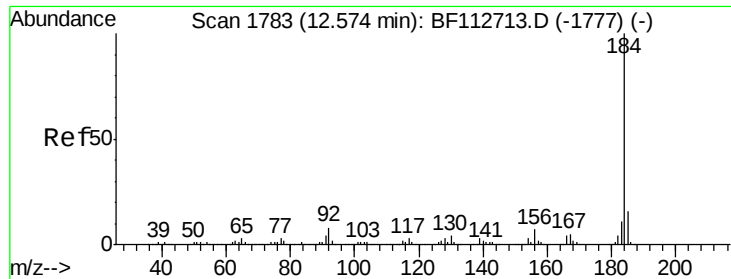


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

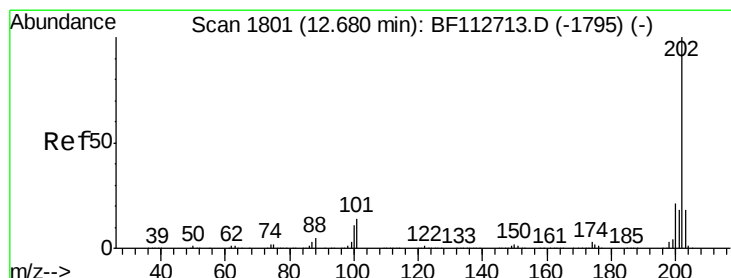
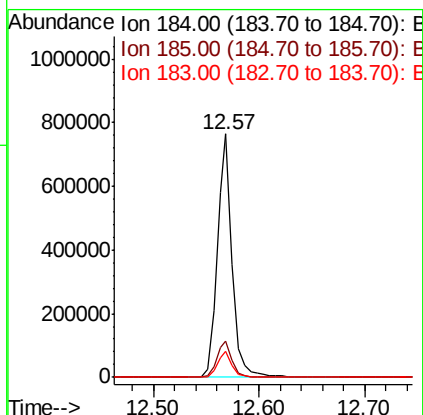
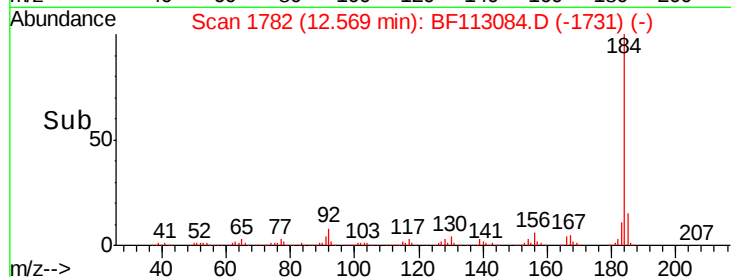
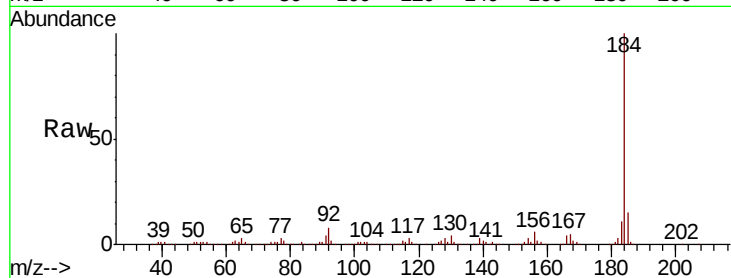




#77
Benzidine
Concen: 24.336 ng
RT: 12.57 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

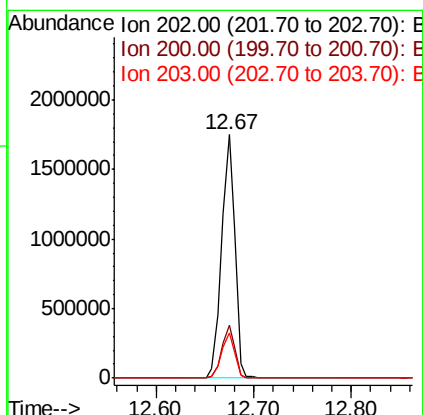
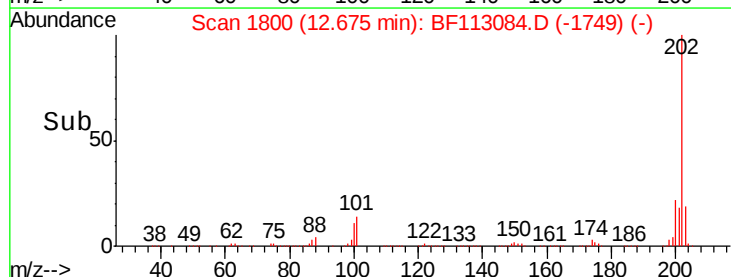
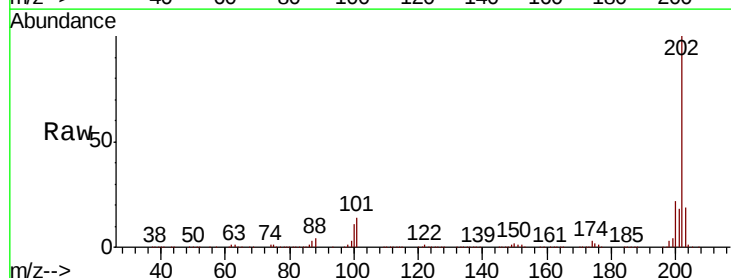
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

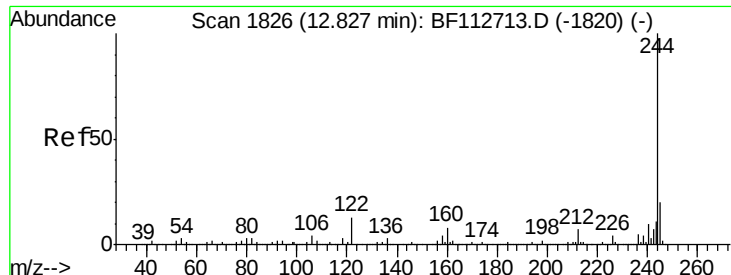
Tgt Ion:184 Resp: 754912
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 10.8 8.6 12.8



#78
Pyrene
Concen: 32.863 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:202 Resp: 1656444
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.7 14.4 21.6





#79

Terphenyl-d14

Concen: 65.920 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

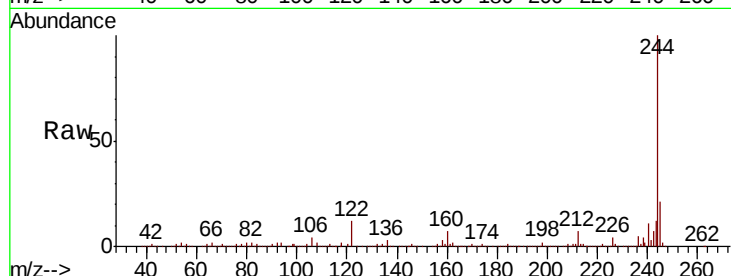
Tgt Ion:244 Resp: 2033243

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

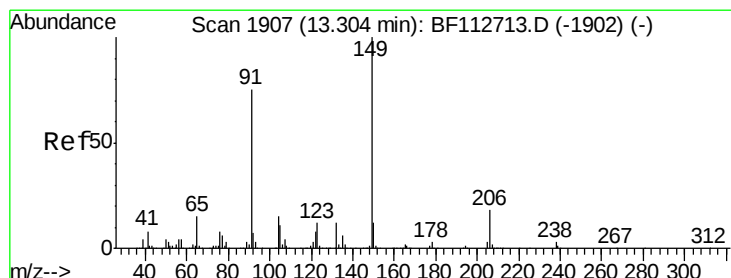
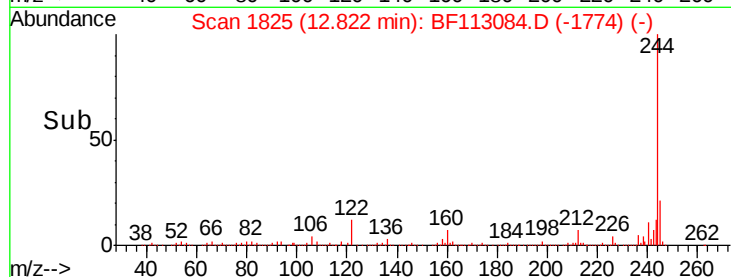
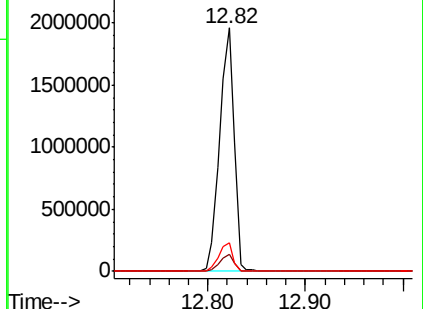
122 11.5 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.419 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

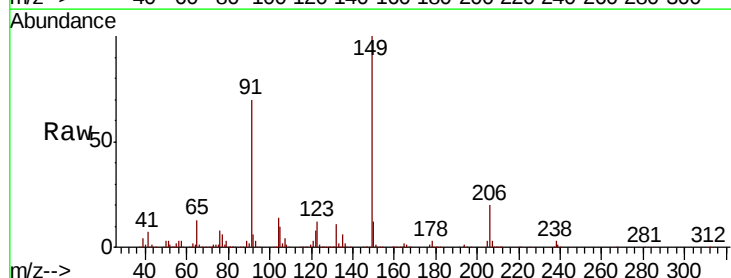
Tgt Ion:149 Resp: 721296

Ion Ratio Lower Upper

149 100

91 70.2 59.9 89.9

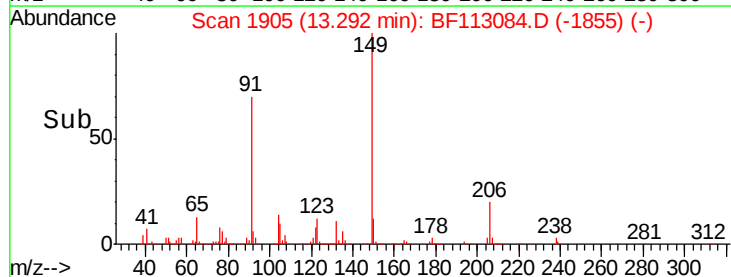
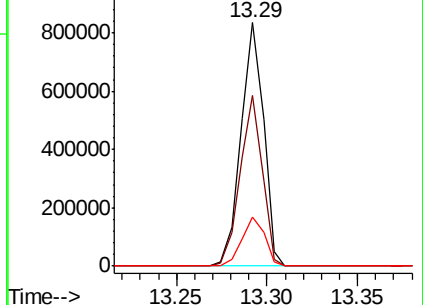
206 20.4 14.7 22.1

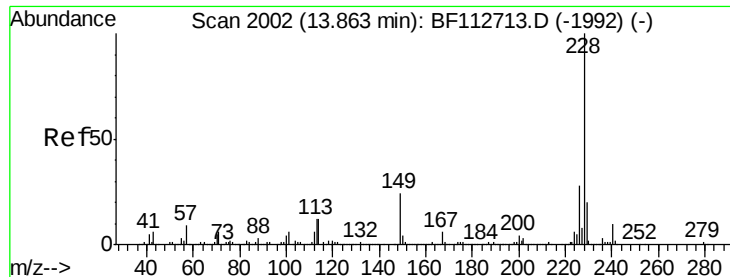


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.659 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

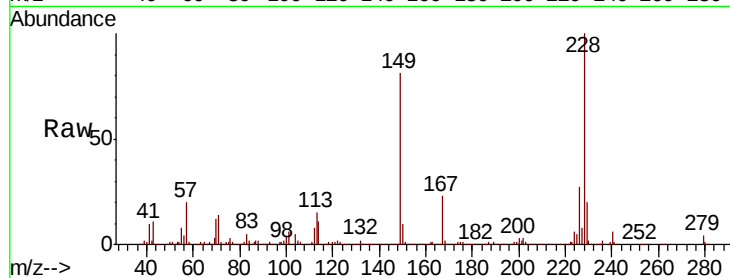
Tgt Ion:228 Resp: 1353352

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 20.3 16.0 24.0

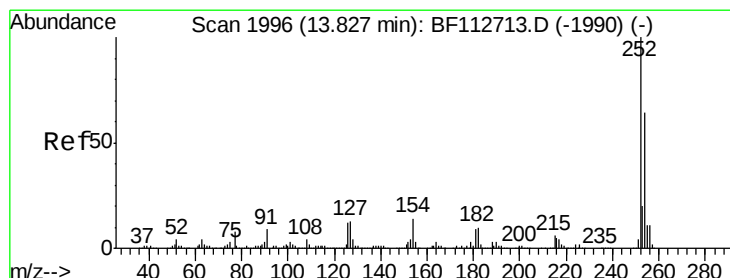
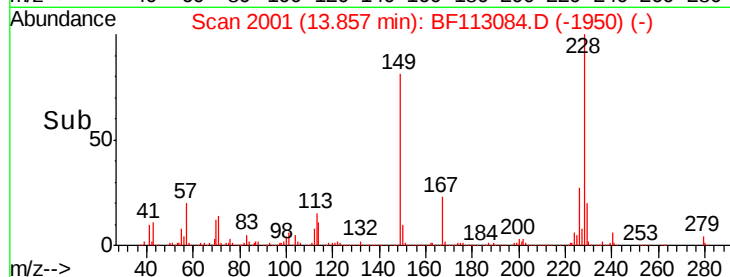
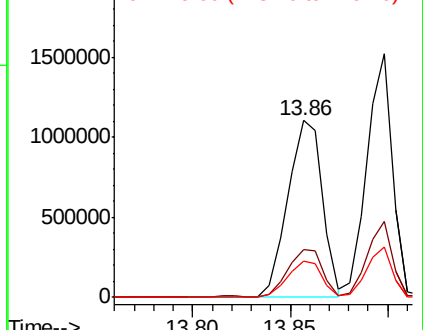


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.438 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

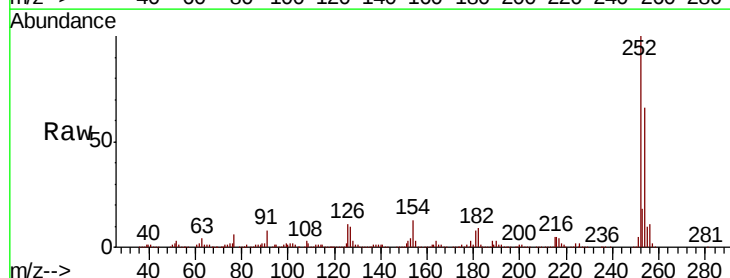
Tgt Ion:252 Resp: 586748

Ion Ratio Lower Upper

252 100

254 65.6 51.1 76.7

126 10.7 9.9 14.9

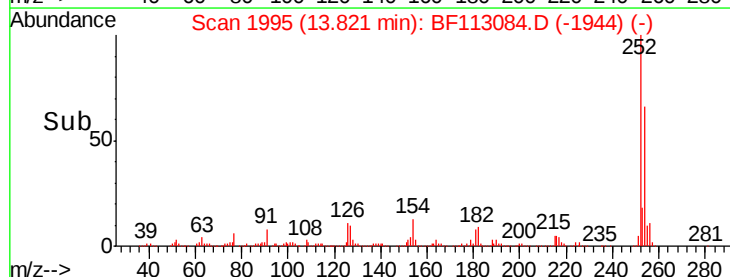
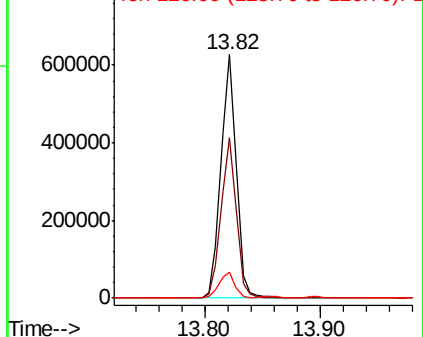


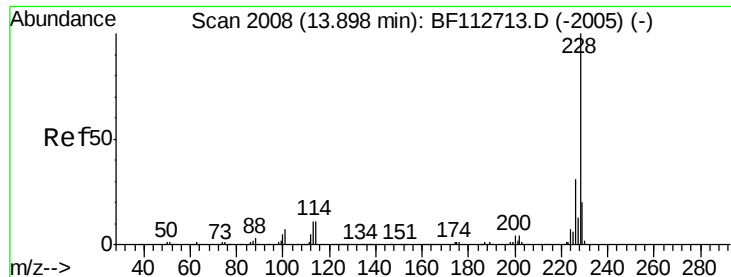
Abundance

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: 34.339 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

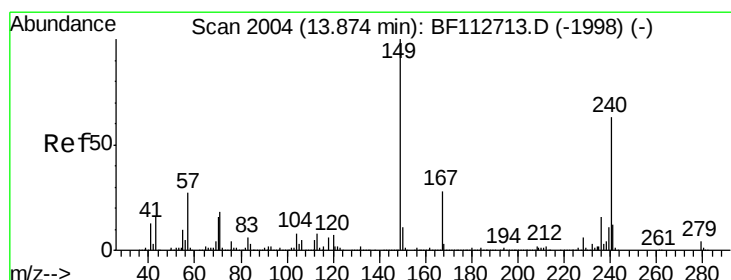
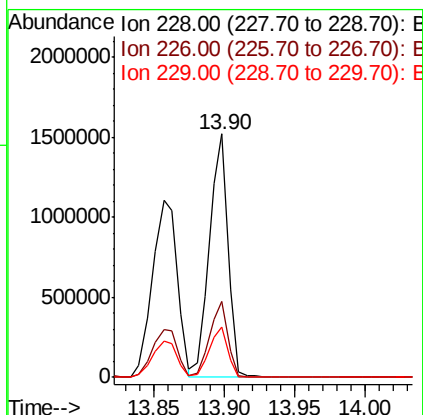
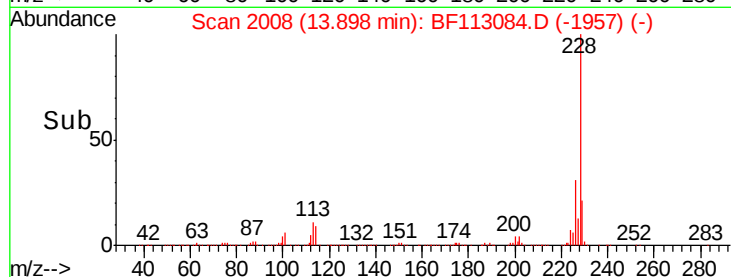
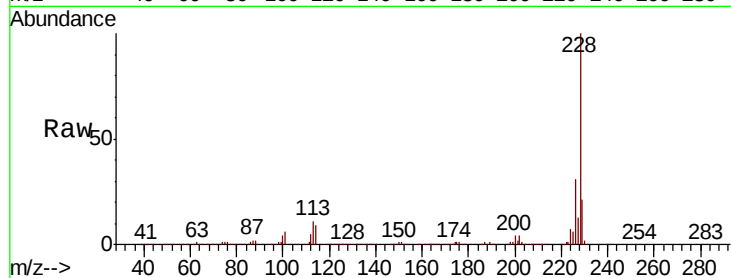
Tgt Ion:228 Resp: 1393854

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 20.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.120 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

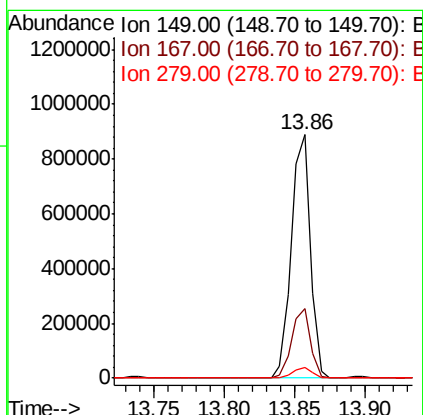
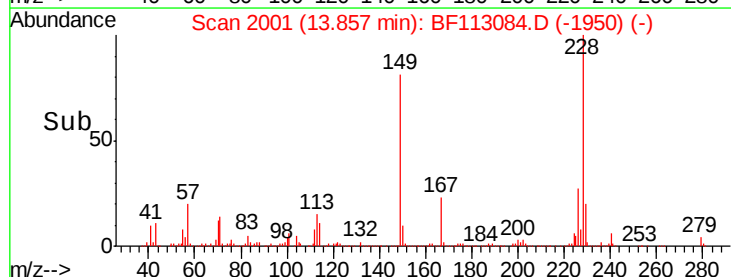
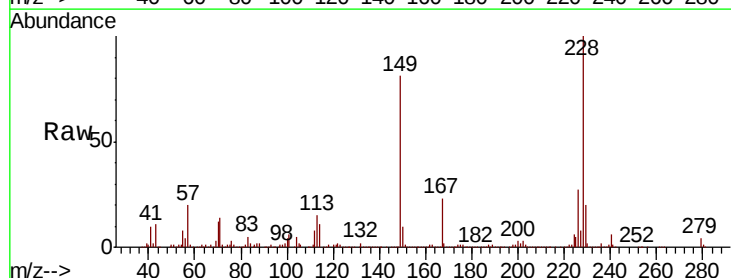
Tgt Ion:149 Resp: 838223

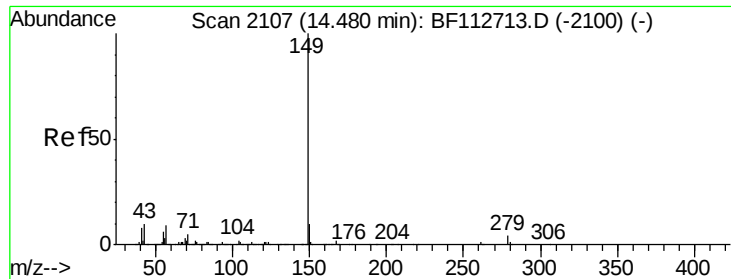
Ion Ratio Lower Upper

149 100

167 28.5 22.4 33.6

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 34.260 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

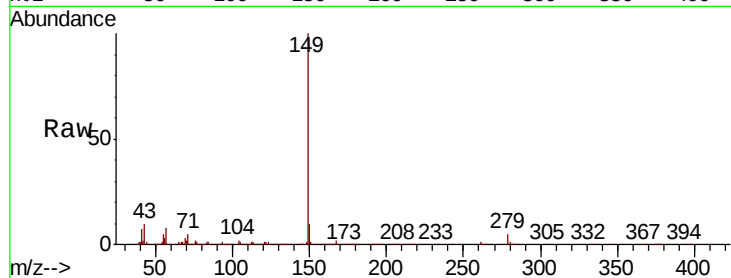
Tgt Ion:149 Resp: 1535272

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

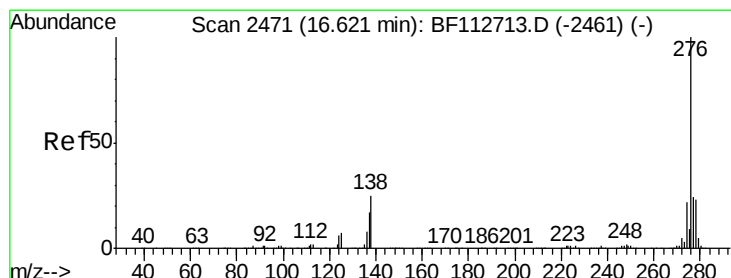
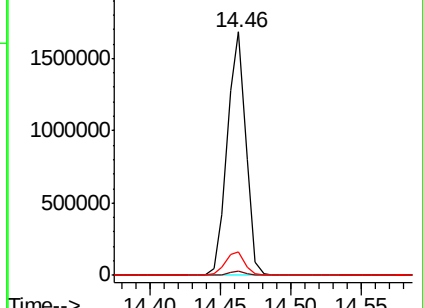
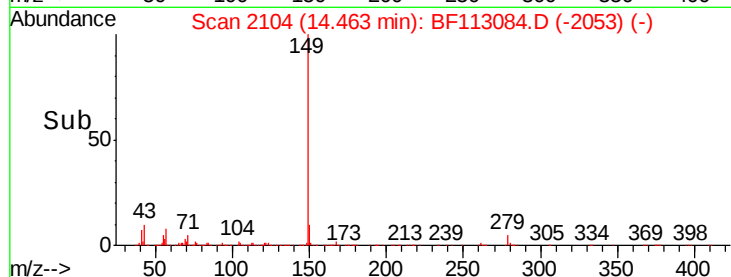
43 10.1 9.0 13.4



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: 36.137 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

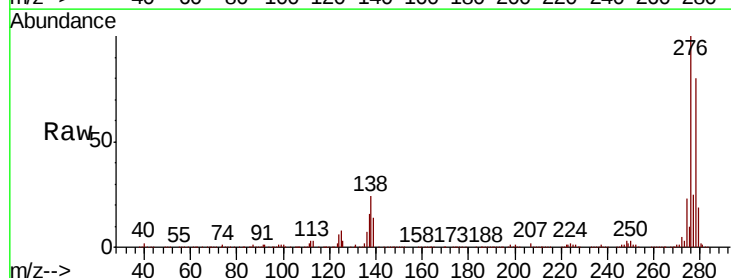
Tgt Ion:276 Resp: 1250524

Ion Ratio Lower Upper

276 100

138 23.5 23.2 34.8

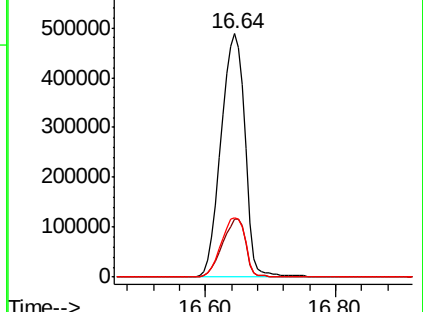
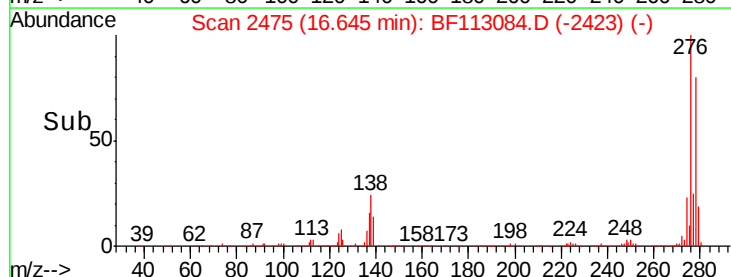
277 25.0 19.9 29.9

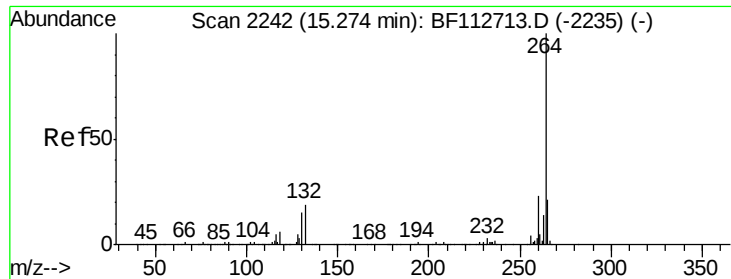


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

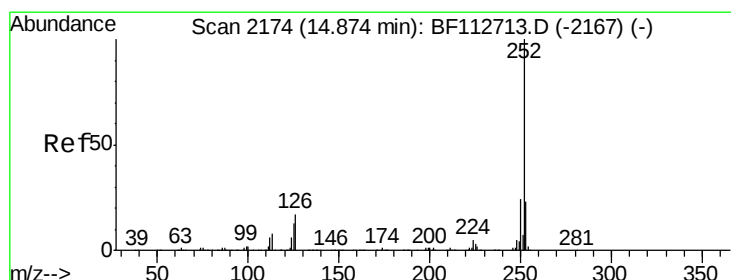
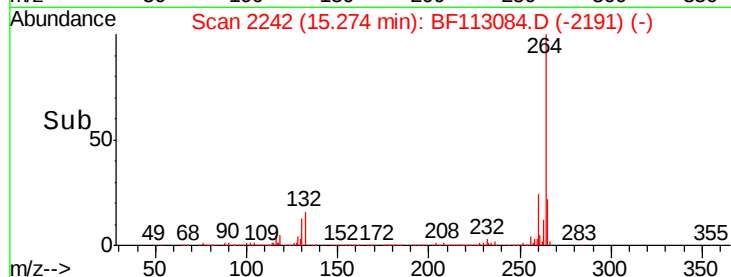
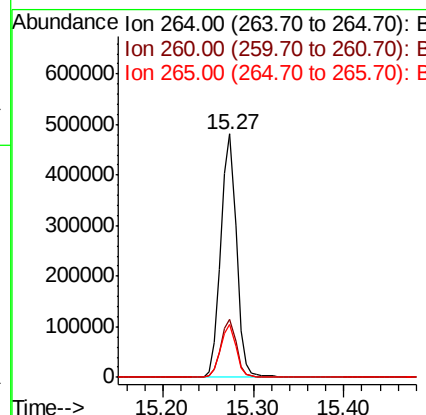
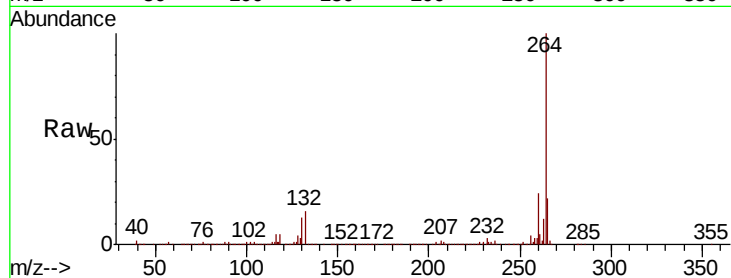




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

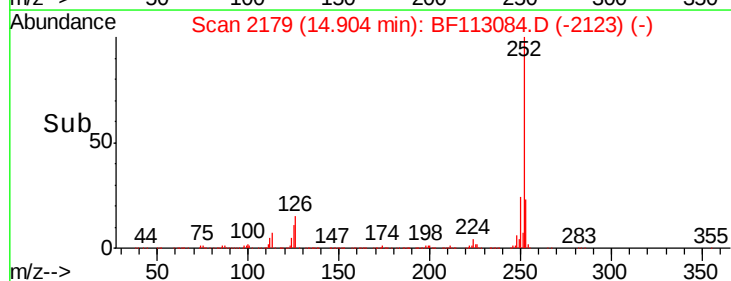
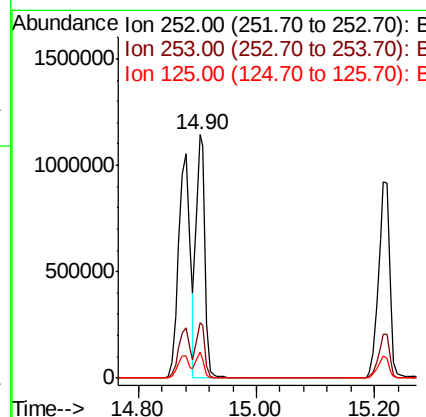
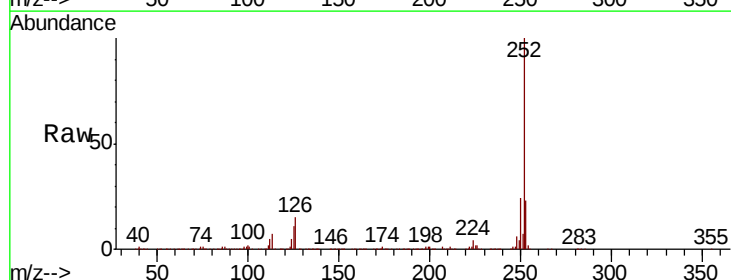
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

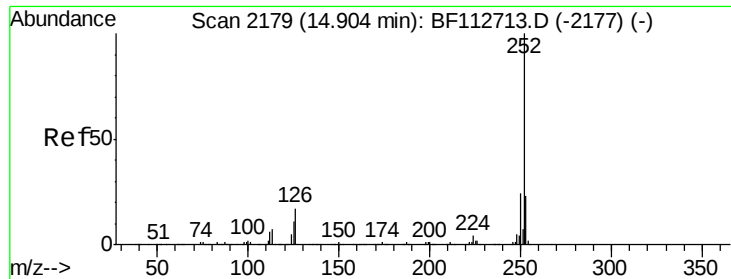
Tgt Ion:264 Resp: 574940
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.8 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 31.744 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.03 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:252 Resp: 1180512
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 10.5 10.2 15.2

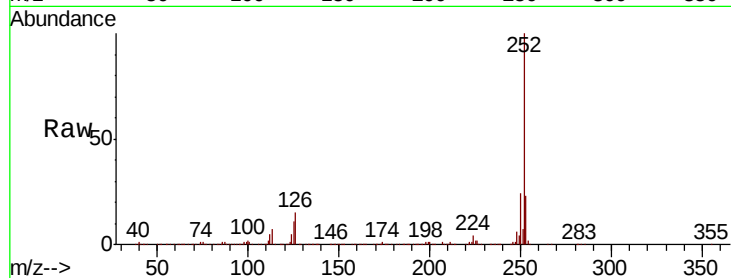




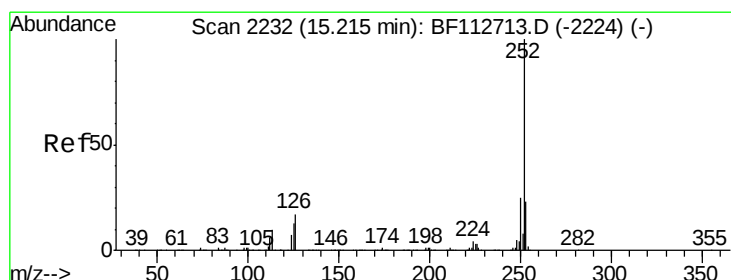
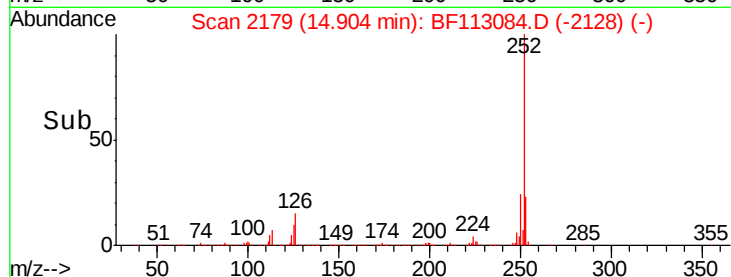
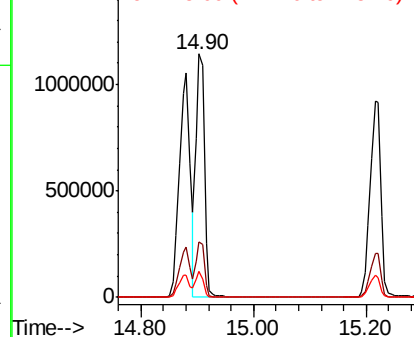
#89
Benzo(k)fluoranthene
Concen: 35.065 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1181169
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.5 9.8 14.6

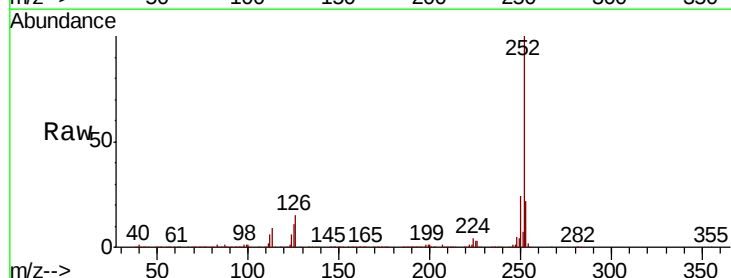


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

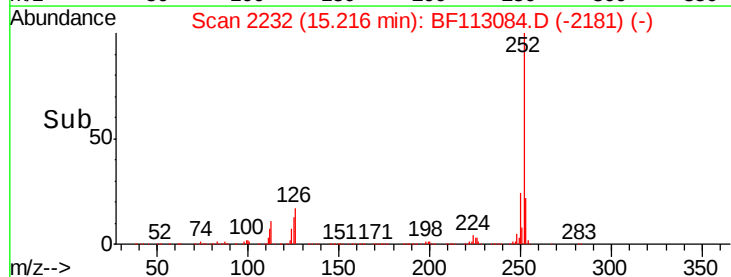
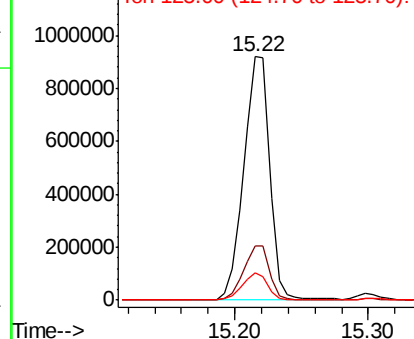


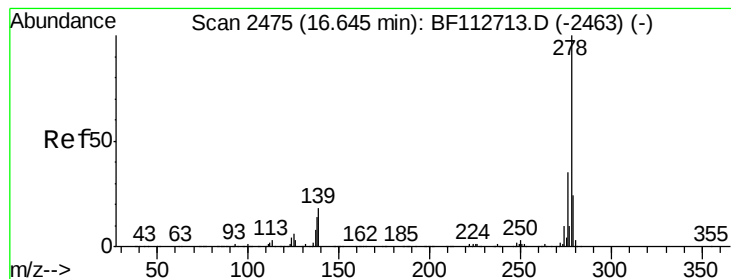
#90
Benzo(a)pyrene
Concen: 37.487 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF113084.D
Acq: 18 Mar 2019 12:15

Tgt Ion:252 Resp: 1233100
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.3 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 36.738 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

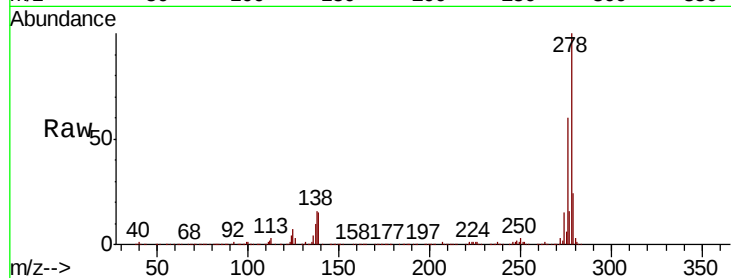
Tgt Ion:278 Resp: 1031214

Ion Ratio Lower Upper

278 100

139 14.6 14.3 21.5

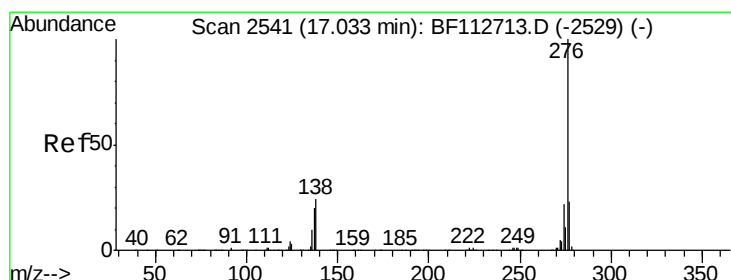
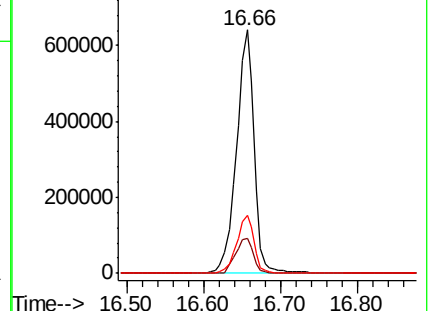
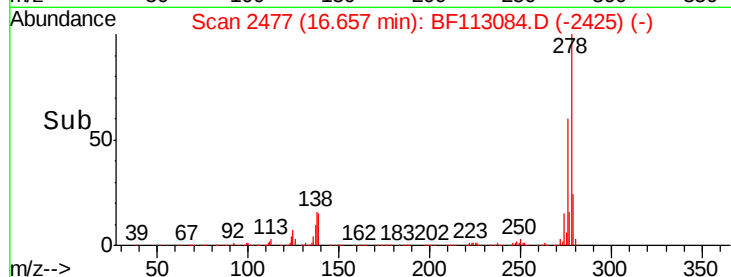
279 23.9 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.237 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF113084.D

Acq: 18 Mar 2019 12:15

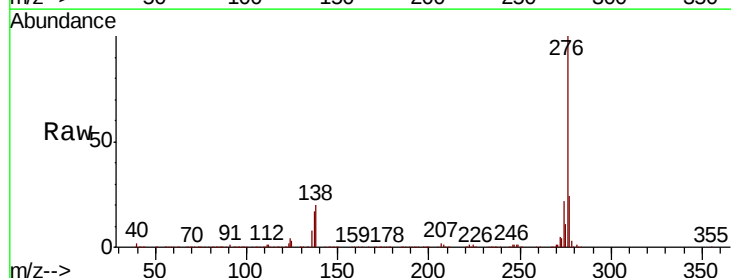
Tgt Ion:276 Resp: 1021336

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 20.4 19.4 29.0



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

