

Data File : BF100455.D
Acq On : 11 Nov 2017 23:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 13 04:40:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	125525	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	476326	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	183063	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	292779	20.00	ng	0.00
75) Chrysene-d12	14.07	240	269177	20.00	ng	0.00
86) Perylene-d12	15.55	264	198183	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	642697	82.07	ng	0.00
7) Phenol-d6	6.53	99	770762	79.82	ng	0.00
23) Nitrobenzene-d5	7.47	82	675174	93.71	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	139848	74.97	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1116363	92.86	ng	0.00
78) Terphenyl-d14	13.01	244	900706	76.88	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.69	88	158309	41.48	ng	96
3) Pyridine	3.47	79	441159	42.37	ng	95
4) n-Nitrosodimethylamine	3.42	42	199316	39.43	ng	99
6) Aniline	6.57	93	540720	39.64	ng	99
8) 2-Chlorophenol	6.69	128	338838	40.90	ng	96
9) Benzaldehyde	6.46	77	269549	39.09	ng	97
10) Phenol	6.54	94	405754	40.03	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	342664	40.24	ng	96
12) 1,3-Dichlorobenzene	6.85	146	382674	40.07	ng	98
13) 1,4-Dichlorobenzene	6.92	146	389927	40.34	ng	98
14) 1,2-Dichlorobenzene	7.07	146	359868	40.26	ng	98
15) Benzyl Alcohol	7.05	79	296282	39.31	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	536873	39.42	ng	98
17) 2-Methylphenol	7.15	107	281038	39.70	ng	99
18) Hexachloroethane	7.42	117	101336	31.79	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	247634	36.98	ng	92
20) 3+4-Methylphenols	7.30	107	346576	38.69	ng	# 87
22) Acetophenone	7.32	105	466033	40.12	ng	# 98
24) Nitrobenzene	7.49	77	350491	47.27	ng	98
25) Isophorone	7.72	82	597994	39.50	ng	98
26) 2-Nitrophenol	7.80	139	147123	42.95	ng	96
27) 2,4-Dimethylphenol	7.83	122	267316	39.39	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	407834	41.18	ng	99
29) 2,4-Dichlorophenol	8.04	162	265033	40.91	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	285013	40.67	ng	97
31) Naphthalene	8.21	128	914681	39.87	ng	99
32) Benzoic acid	7.93	122	175001	36.47	ng	97
33) 4-Chloroaniline	8.26	127	390161	40.86	ng	97
34) Hexachlorobutadiene	8.32	225	172273	41.34	ng	99
35) Caprolactam	8.62	113	81953	36.86	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	263763	37.90	ng	98
37) 2-Methylnaphthalene	8.90	142	575041	37.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	290617	47.87	ng	# 96
40) Hexachlorocyclopentadiene	9.05	237	11614	4.06	ng	100

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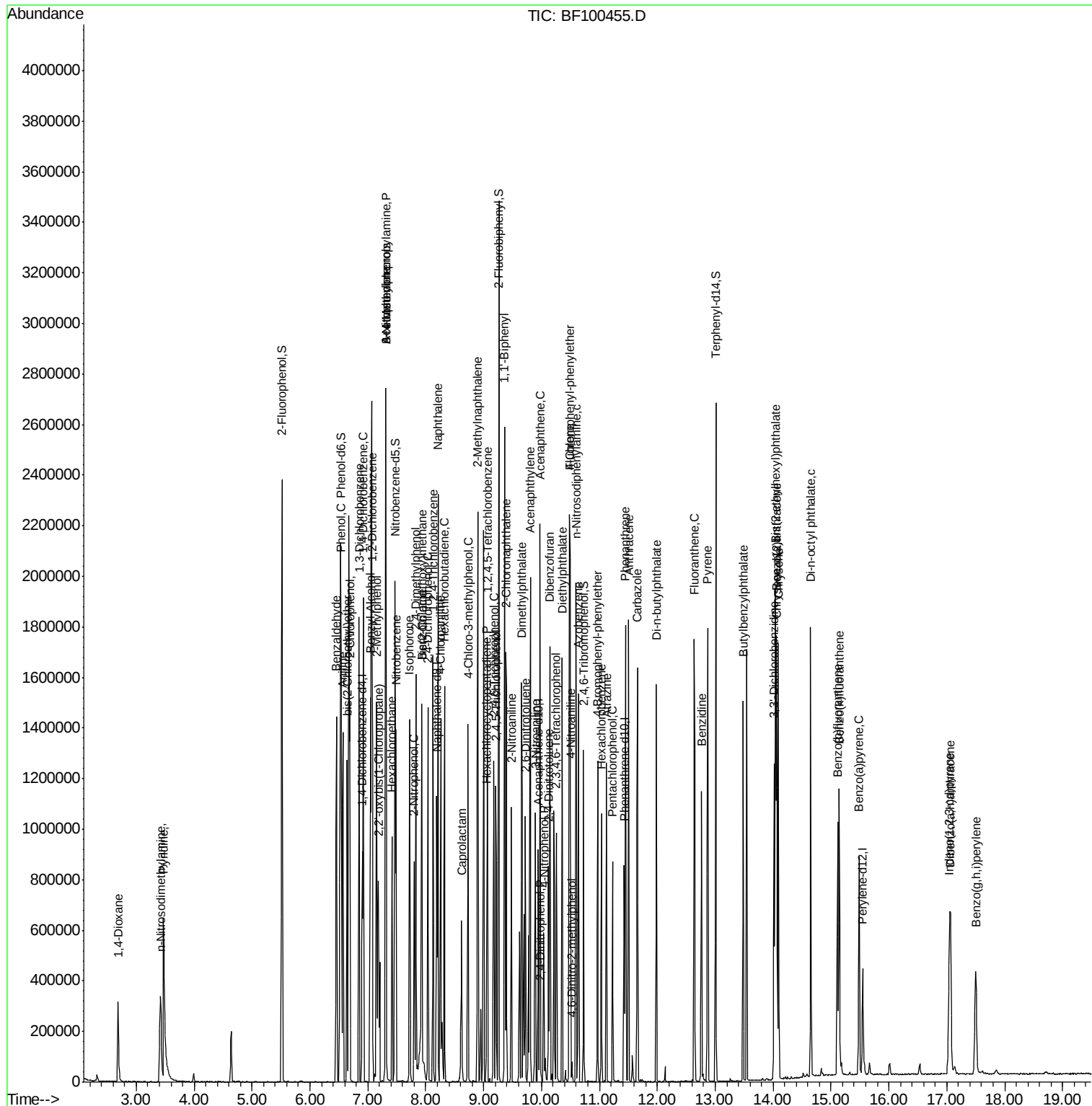
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	172026	44.71	ng	96
43) 2,4,5-Trichlorophenol	9.21	196	175977	44.14	ng	96
45) 1,1'-Biphenyl	9.36	154	731687	46.21	ng	98
46) 2-Chloronaphthalene	9.39	162	513858	44.74	ng	96
47) 2-Nitroaniline	9.48	65	172272	50.60	ng	93
48) Acenaphthylene	9.80	152	799904	42.02	ng	100
49) Dimethylphthalate	9.66	163	637974	45.64	ng	100
50) 2,6-Dinitrotoluene	9.72	165	120665	43.61	ng	97
51) Acenaphthene	9.97	154	464563	40.13	ng	98
52) 3-Nitroaniline	9.89	138	151849	46.48	ng	98
53) 2,4-Dinitrophenol	9.99	184	3720	11.97	ng	# 23
54) Dibenzofuran	10.15	168	656873	40.48	ng	99
55) 4-Nitrophenol	10.04	139	91417	34.46	ng	94
56) 2,4-Dinitrotoluene	10.12	165	141375	40.51	ng	# 95
57) Fluorene	10.49	166	471298	39.65	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	121501	37.19	ng	# 87
59) Diethylphthalate	10.36	149	599999	42.90	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	247939	42.52	ng	92
61) 4-Nitroaniline	10.50	138	138063	44.57	ng	88
62) Azobenzene	10.64	77	494900	37.57	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	8846	13.49	ng	88
65) n-Nitrosodiphenylamine	10.60	169	480585	47.21	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	146118	46.56	ng	# 90
67) Hexachlorobenzene	11.03	284	141920	43.23	ng	92
68) Atrazine	11.12	200	134309	43.58	ng	98
69) Pentachlorophenol	11.23	266	94975	40.35	ng	98
70) Phenanthrene	11.45	178	643584	41.75	ng	99
71) Anthracene	11.50	178	648921	41.49	ng	99
72) Carbazole	11.66	167	601172	41.66	ng	99
73) Di-n-butylphthalate	11.98	149	783340	46.39	ng	99
74) Fluoranthene	12.64	202	701406	42.93	ng	98
76) Benzidine	12.76	184	419647	38.93	ng	99
77) Pyrene	12.87	202	729775	38.03	ng	99
79) Butylbenzylphthalate	13.48	149	334159	42.70	ng	99
80) Benzo(a)anthracene	14.06	228	667069	41.15	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	263810	45.42	ng	99
82) Chrysene	14.09	228	621370	39.59	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	474289	46.08	ng	99
84) Di-n-octyl phthalate	14.65	149	832517	47.09	ng	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	430292	33.89	ng	96
87) Benzo(b)fluoranthene	15.12	252	504923	43.00	ng	98
88) Benzo(k)fluoranthene	15.14	252	495806	44.69	ng	98
89) Benzo(a)pyrene	15.49	252	432353	41.54	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	369851	43.45	ng	97
91) Benzo(g,h,i)perylene	17.50	276	354592	42.55	ng	95

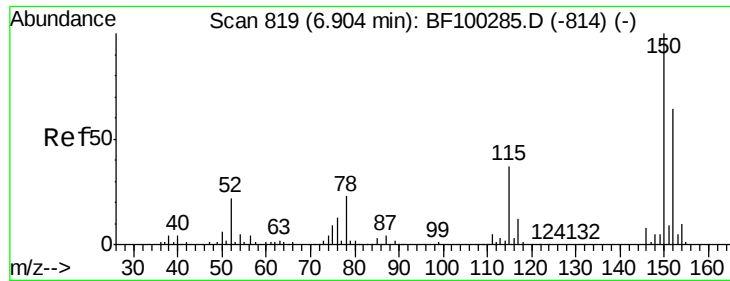
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSTDCCC040

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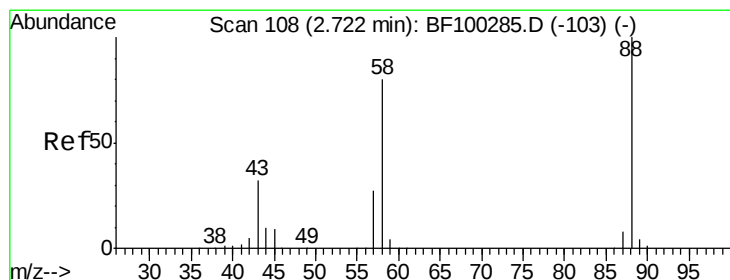
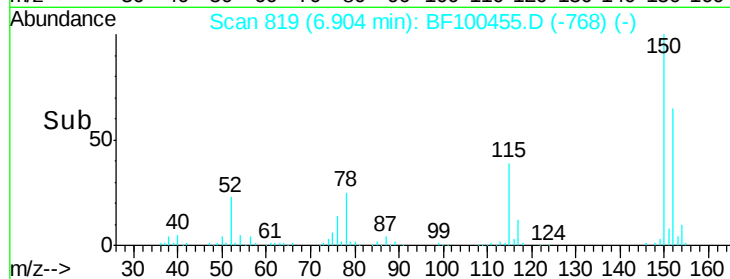
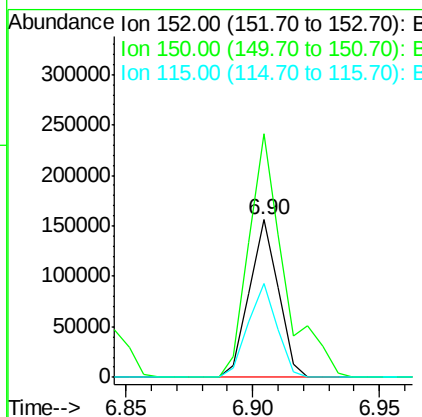
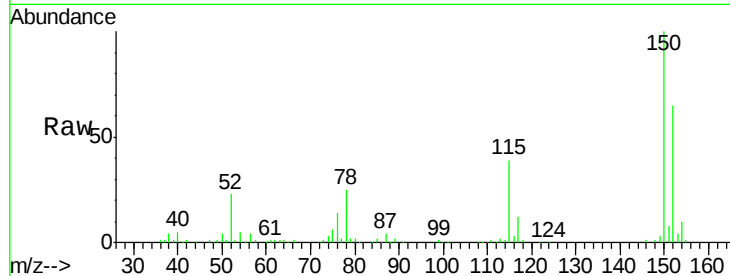




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

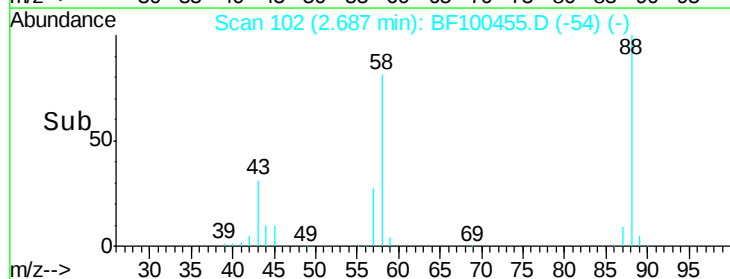
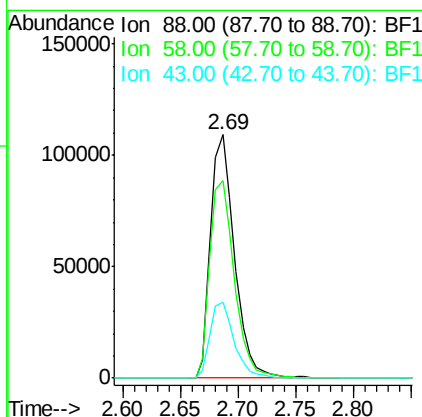
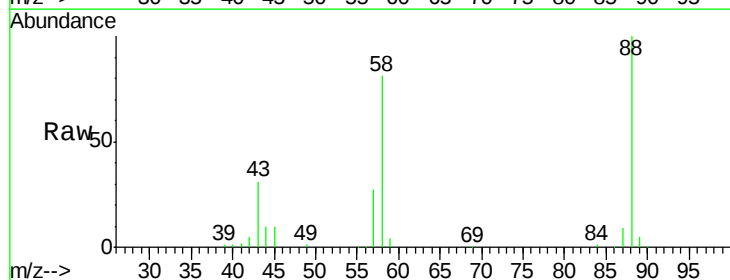
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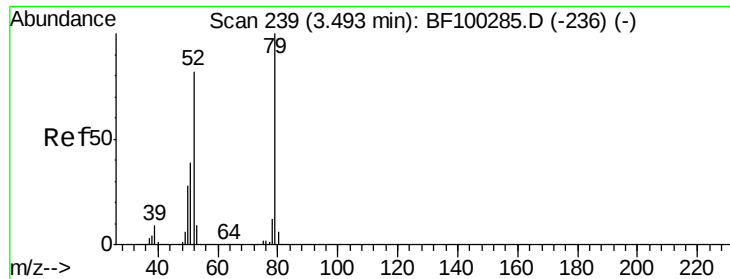
Tgt Ion:152 Resp: 125525
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 59.9 50.1 75.1



#2
 1,4-Dioxane
 Concen: 41.48 ng
 RT: 2.69 min Scan# 102
 Delta R.T. -0.02 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion: 88 Resp: 158309
 Ion Ratio Lower Upper
 88 100
 58 83.4 62.6 93.8
 43 31.3 24.6 37.0

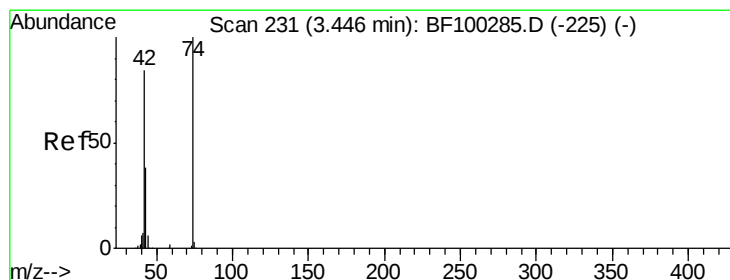
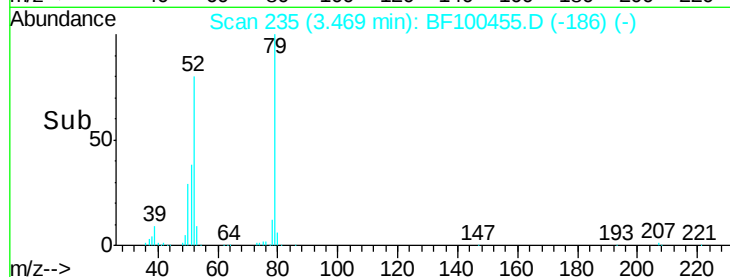
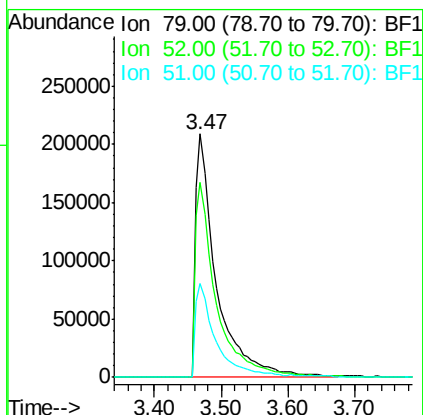
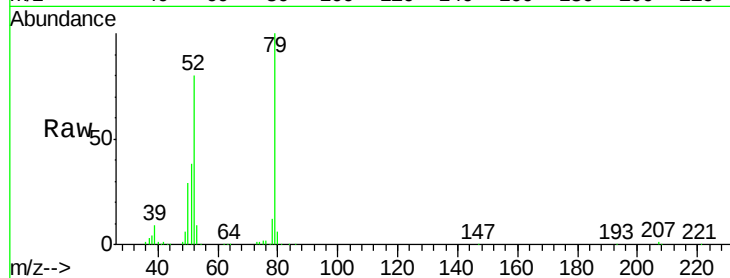




#3
 Pyridine
 Concen: 42.37 ng
 RT: 3.47 min Scan# 235
 Delta R.T. -0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

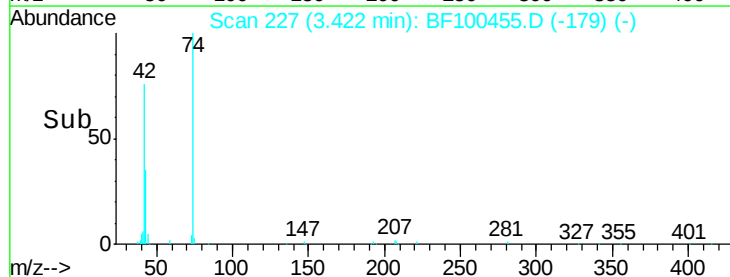
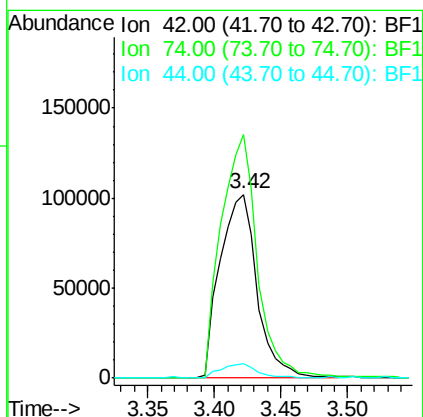
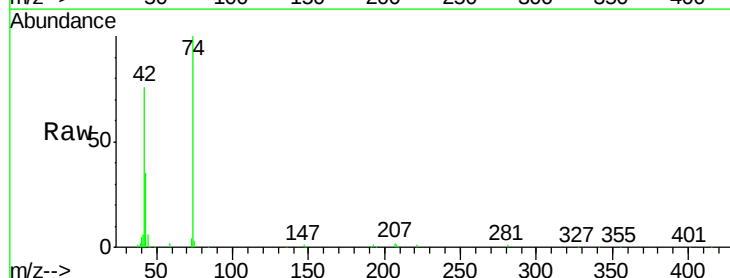
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

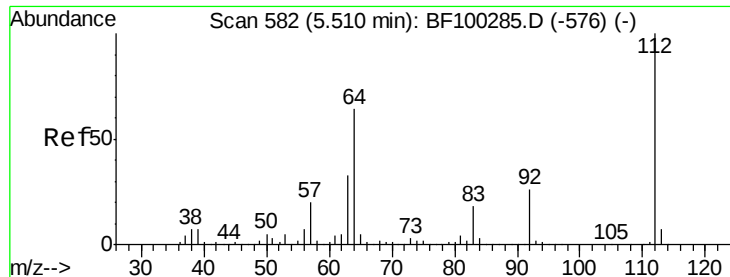
Tgt Ion: 79 Resp: 441159
 Ion Ratio Lower Upper
 79 100
 52 80.0 59.8 89.6
 51 38.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.43 ng
 RT: 3.42 min Scan# 227
 Delta R.T. -0.02 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion: 42 Resp: 199316
 Ion Ratio Lower Upper
 42 100
 74 132.2 104.9 157.3
 44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 82.07 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

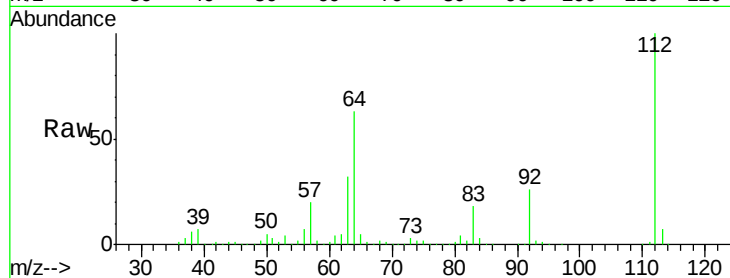
Tgt Ion: 112 Resp: 642697

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

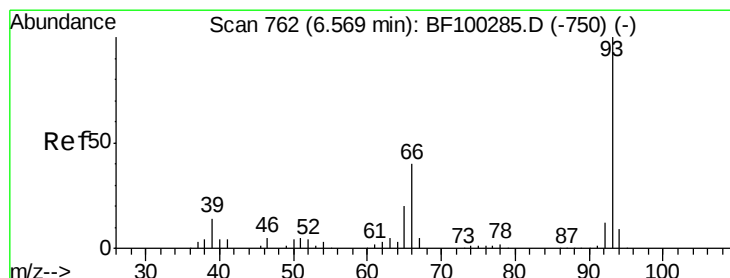
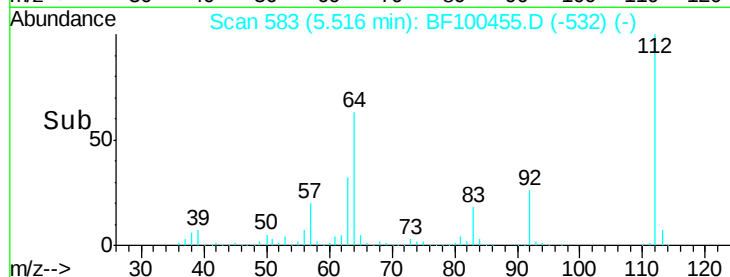
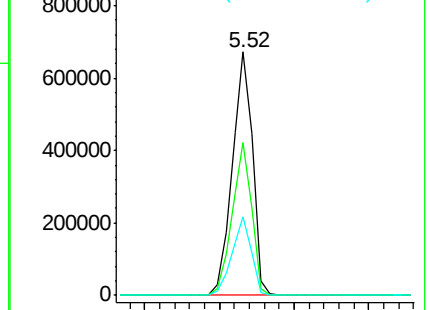
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.64 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

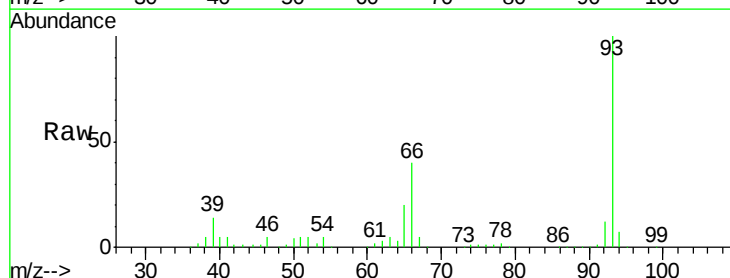
Tgt Ion: 93 Resp: 540720

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

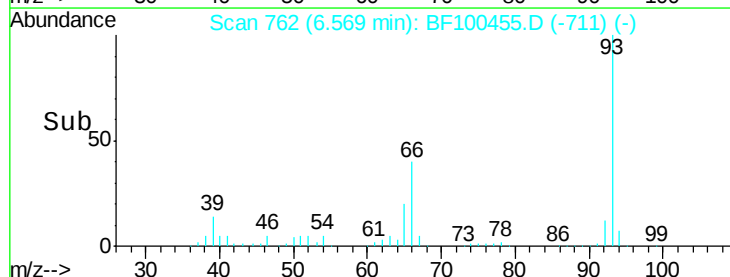
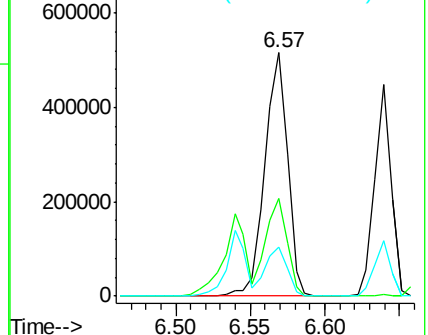
65 20.1 16.4 24.6

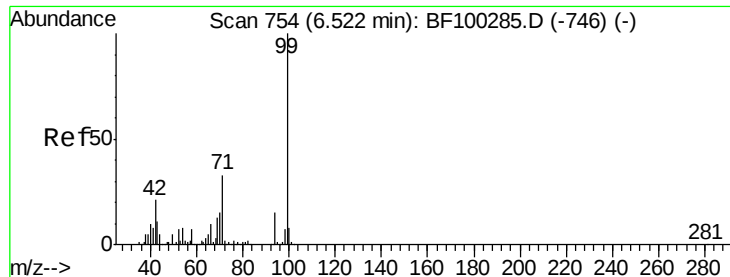


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.82 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

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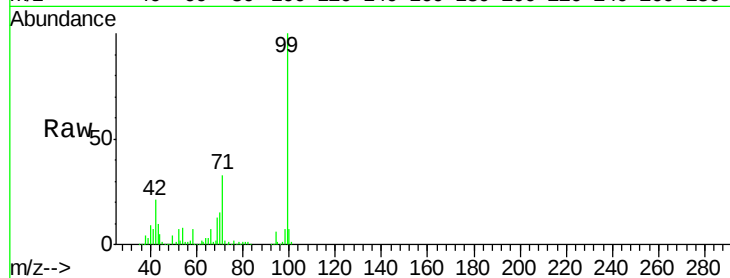
Tgt Ion: 99 Resp: 770762

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

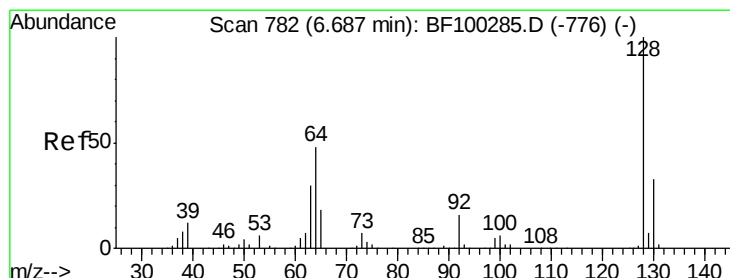
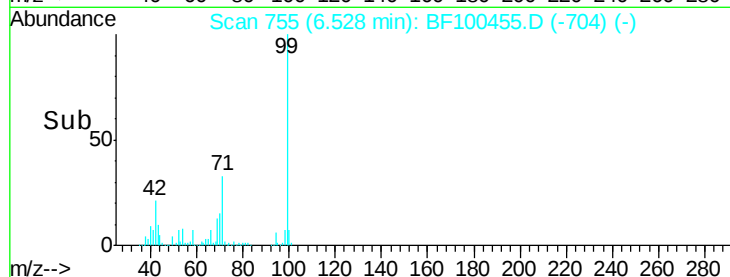
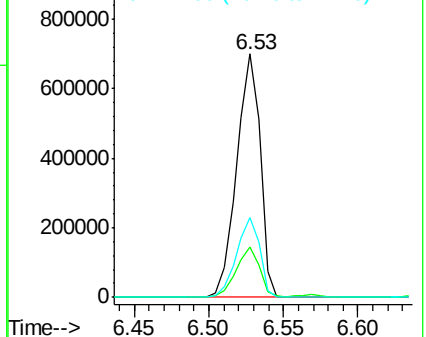
71 32.7 25.4 38.0



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: 40.90 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

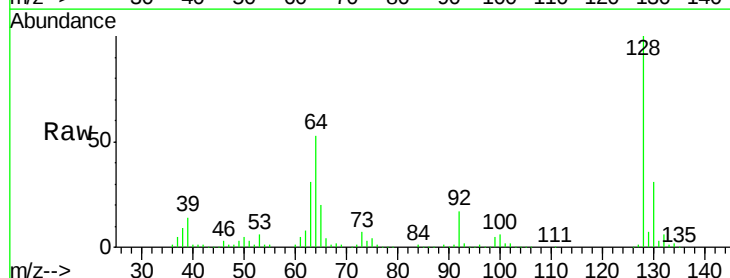
Tgt Ion: 128 Resp: 338838

Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

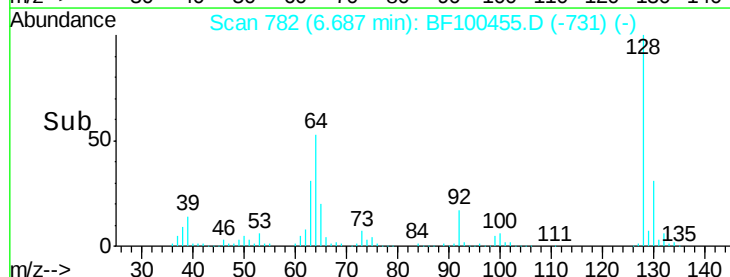
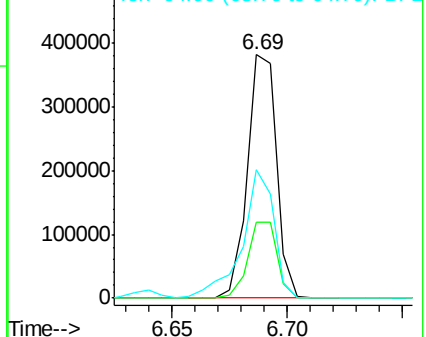
64 53.0 29.4 69.4

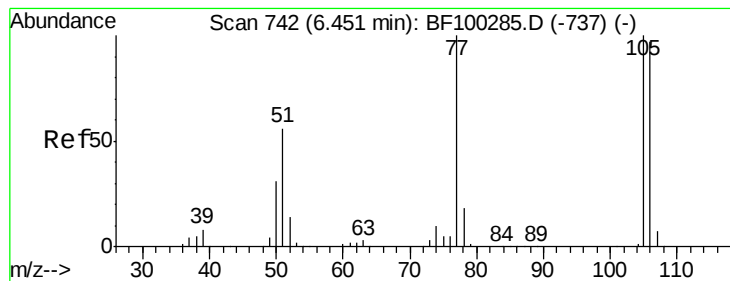


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.09 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

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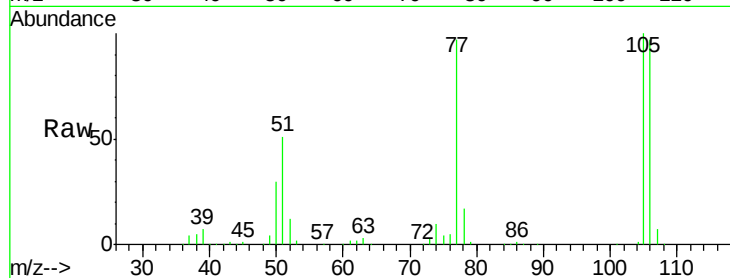
Tgt Ion: 77 Resp: 269549

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

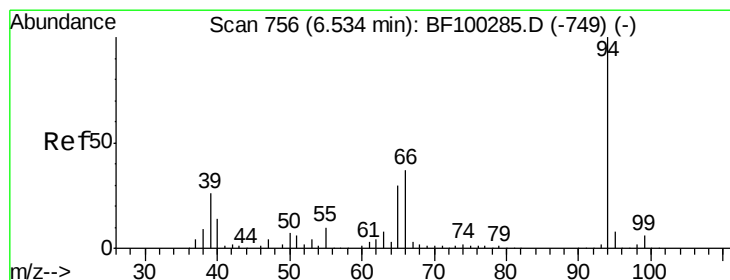
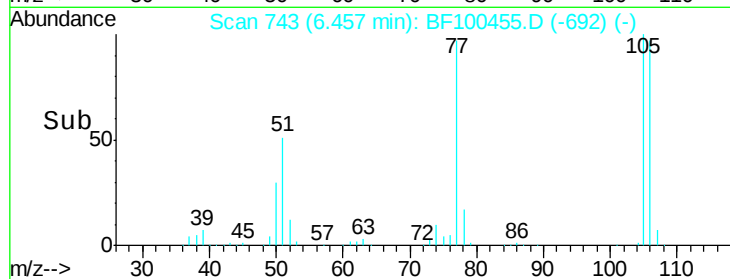
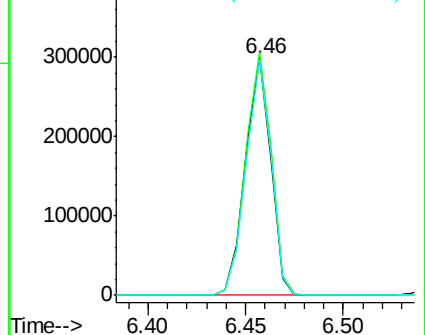
106 99.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.03 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

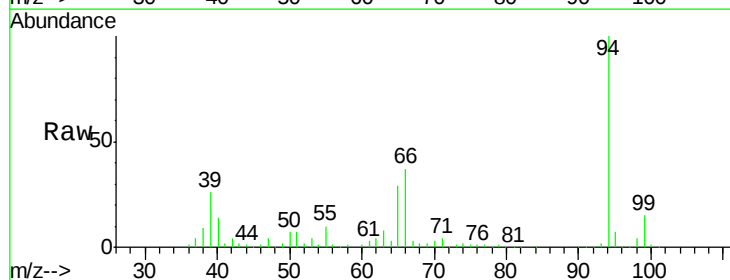
Tgt Ion: 94 Resp: 405754

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

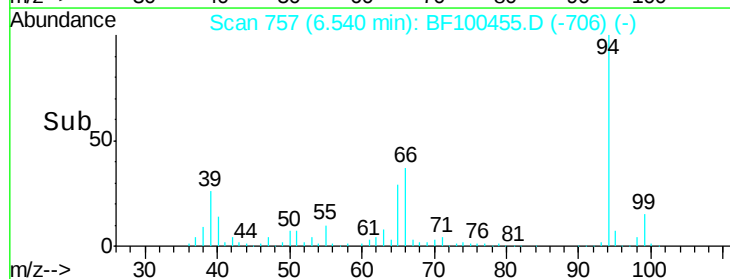
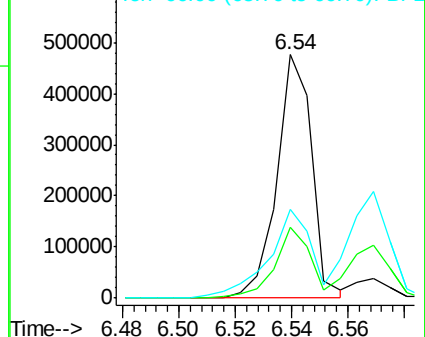
66 36.6 16.2 56.2

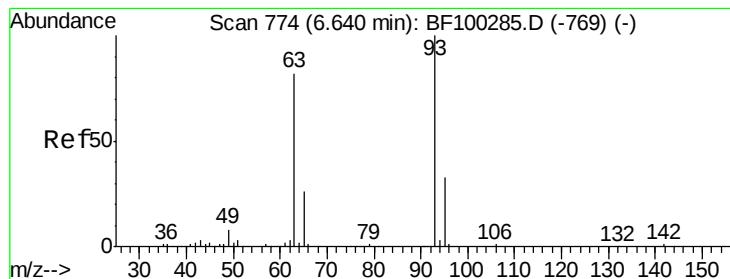


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.24 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

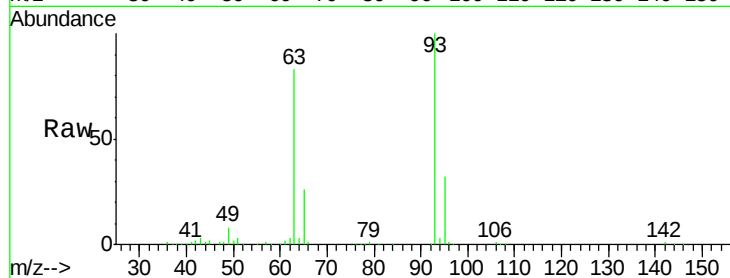
Tgt Ion: 93 Resp: 342664

Ion Ratio Lower Upper

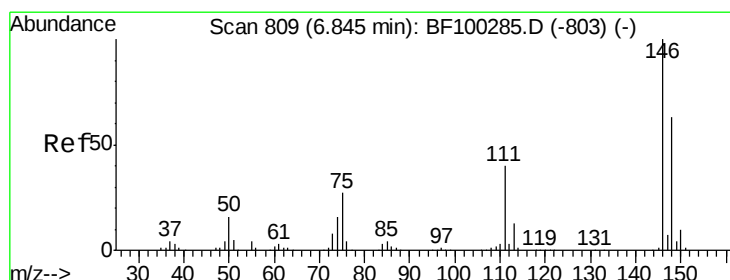
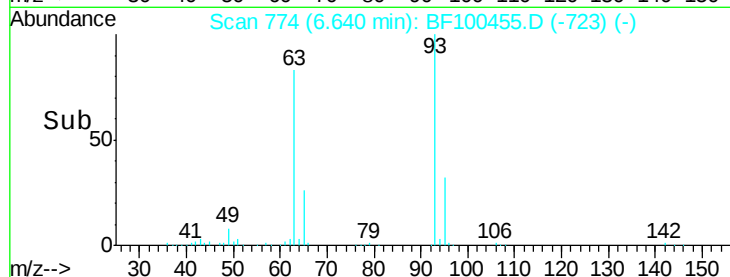
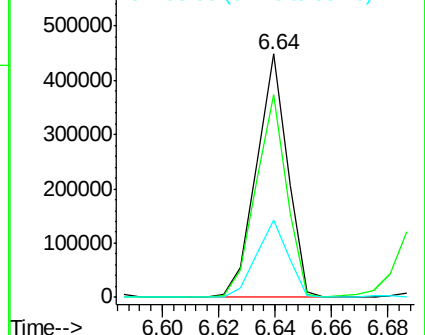
93 100

63 83.1 58.6 98.6

95 31.7 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 40.07 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

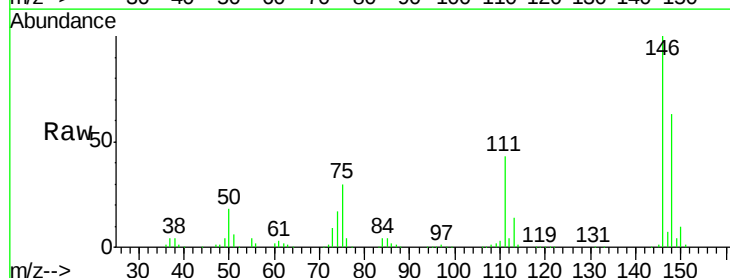
Tgt Ion: 146 Resp: 382674

Ion Ratio Lower Upper

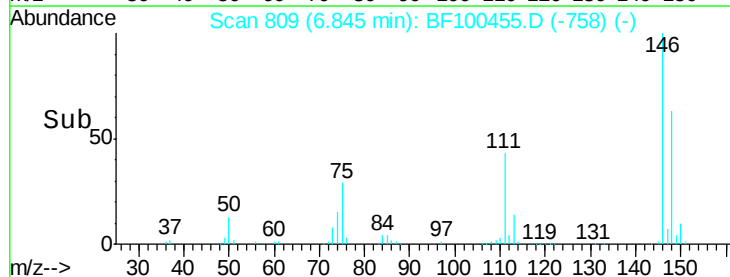
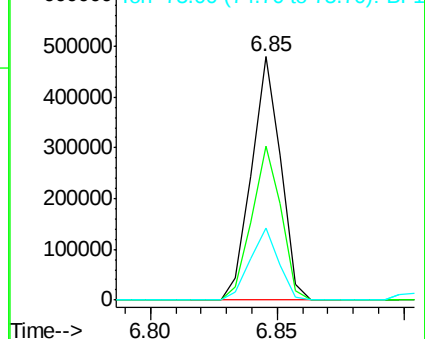
146 100

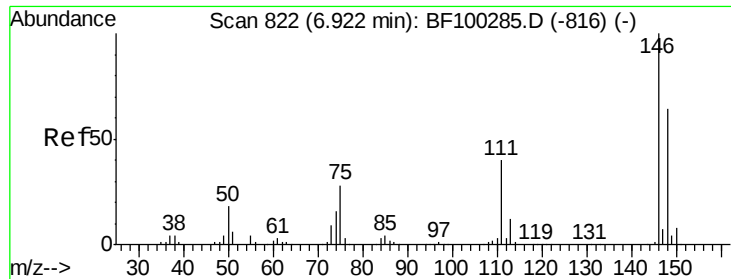
148 63.3 51.8 77.8

75 29.6 24.2 36.4



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

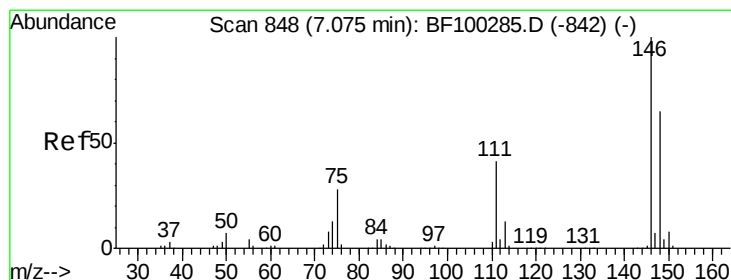
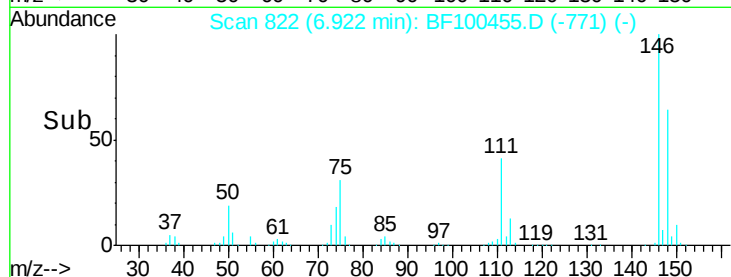
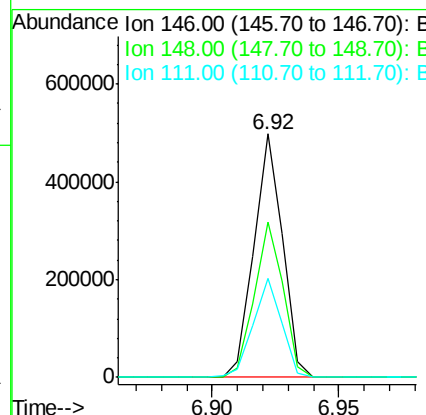
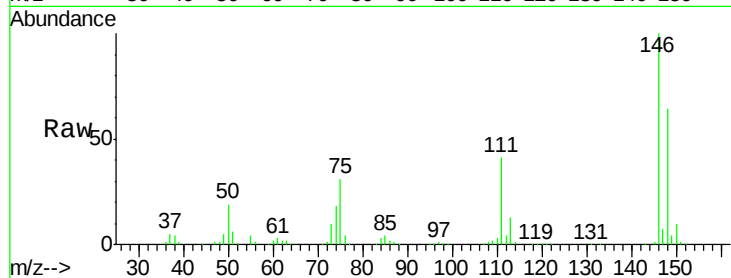




#13
 1,4-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

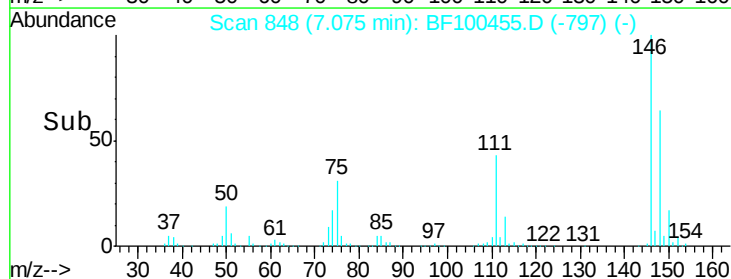
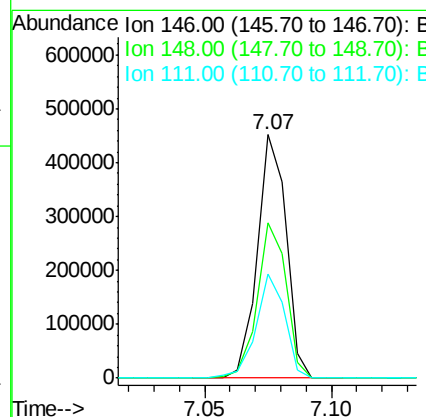
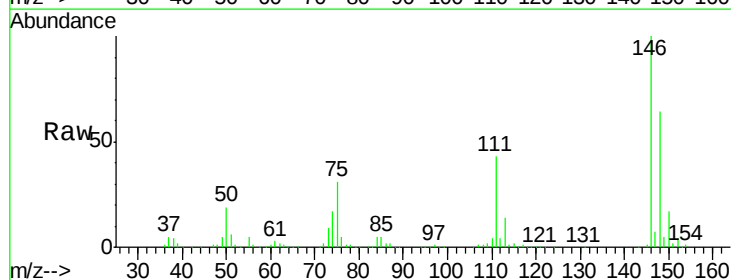
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

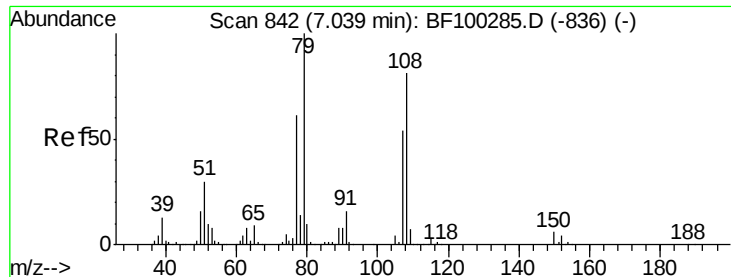
Tgt Ion:146 Resp: 389927
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.26 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:146 Resp: 359868
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.31 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

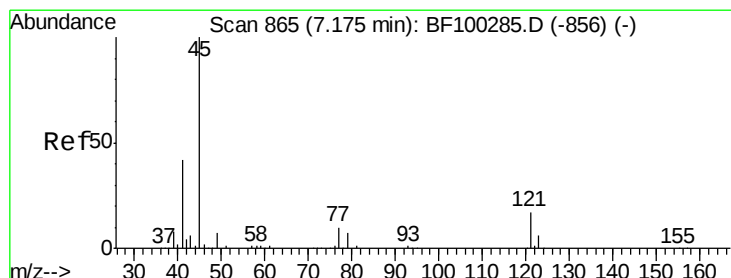
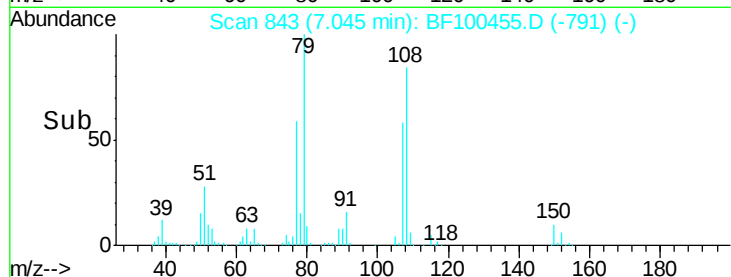
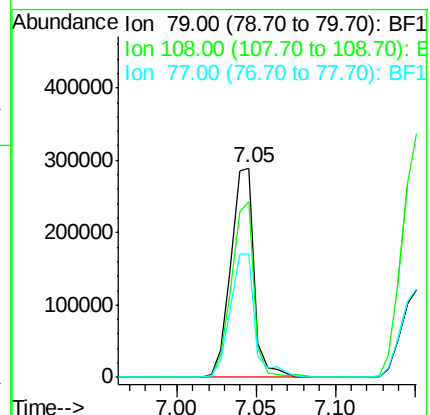
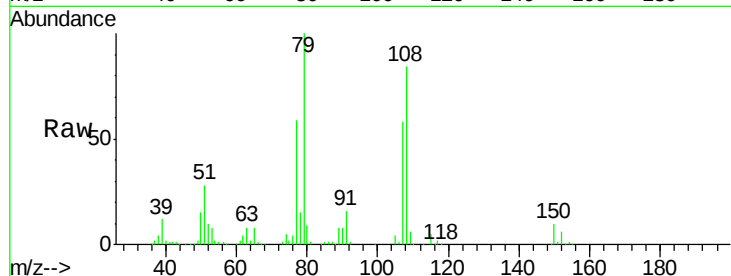
Tgt Ion: 79 Resp: 296282

Ion Ratio Lower Upper

79 100

108 83.7 65.1 97.7

77 59.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.42 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

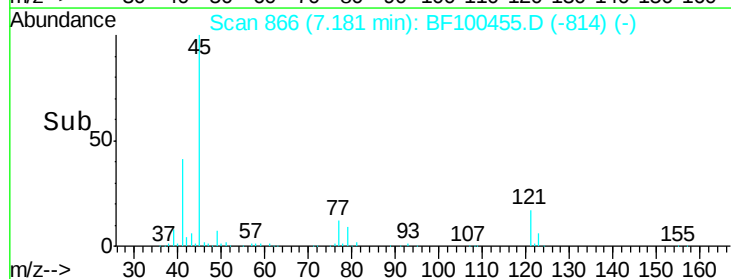
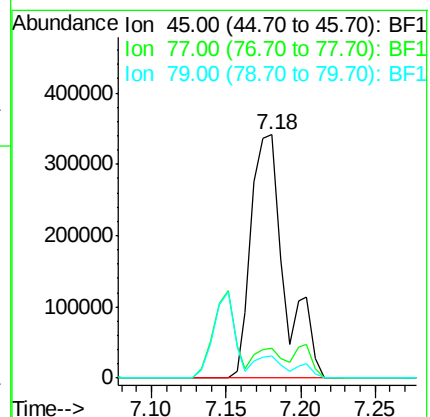
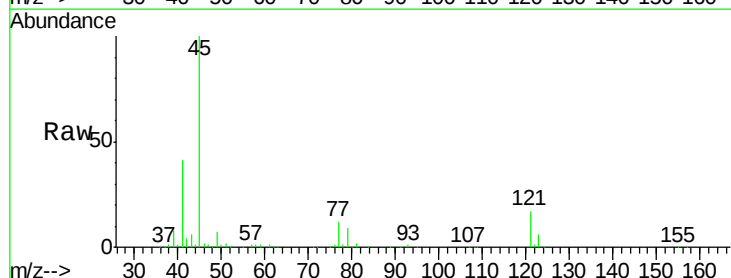
Tgt Ion: 45 Resp: 536873

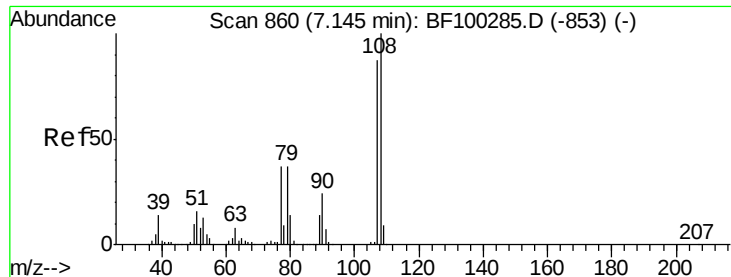
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 8.9 0.0 29.6

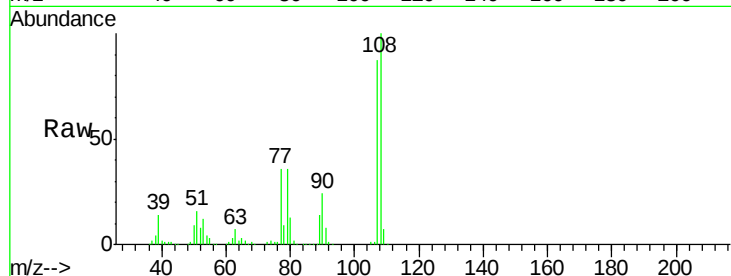




#17
2-Methylphenol
Concen: 39.70 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	41.9	33.8	50.8
79	41.1	33.8	50.8



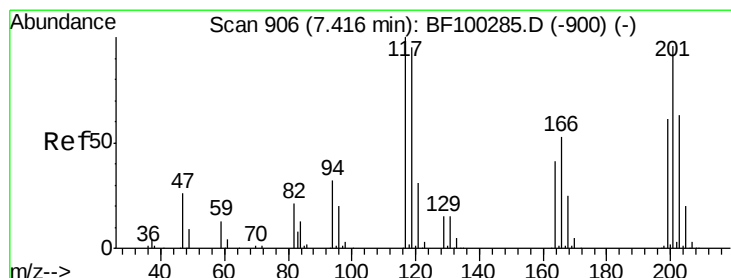
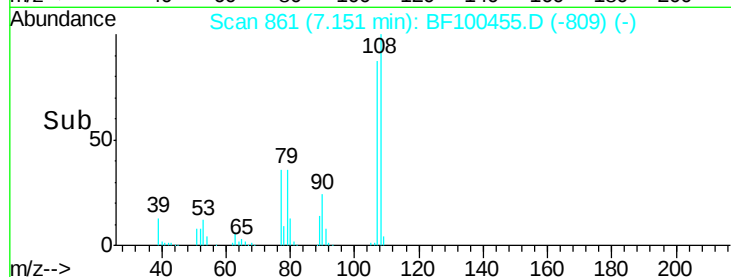
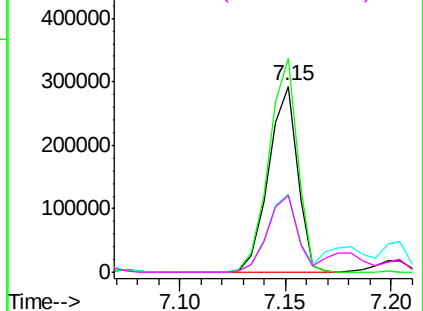
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

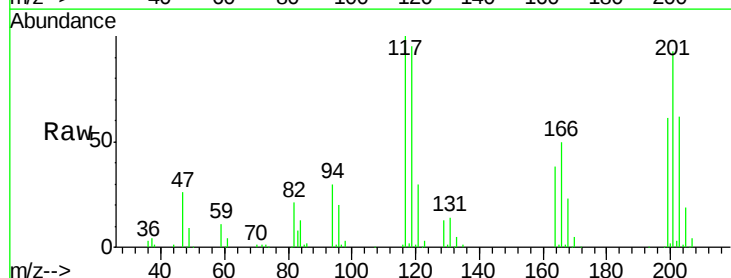
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 31.79 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	93.1	75.7	113.5

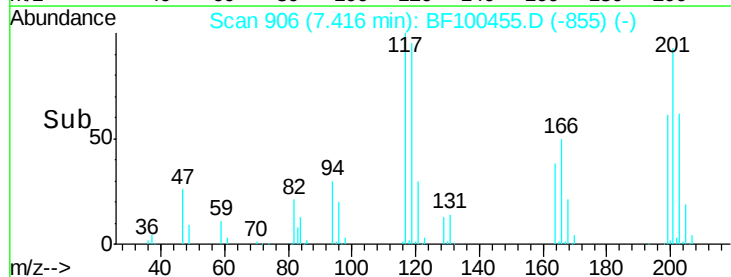
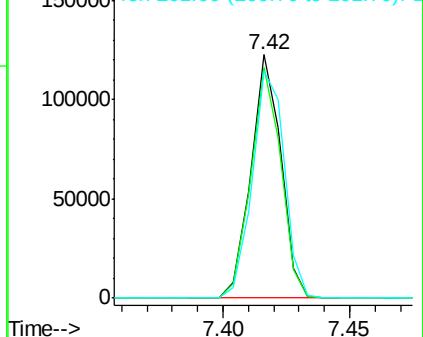


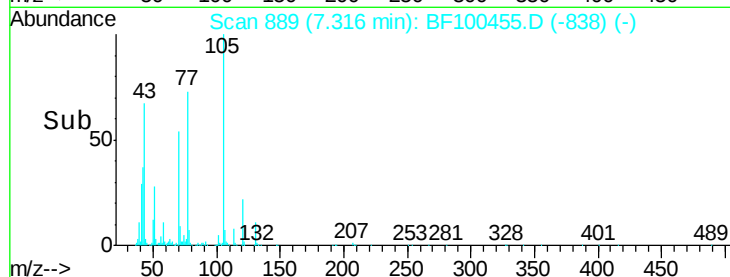
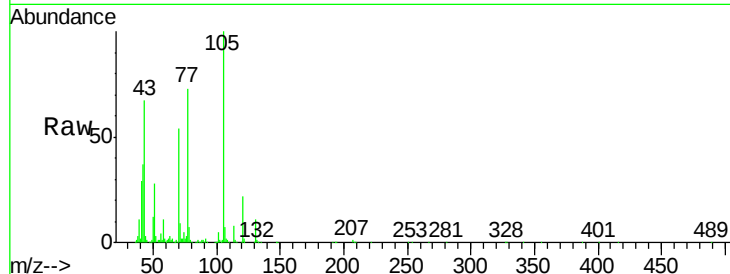
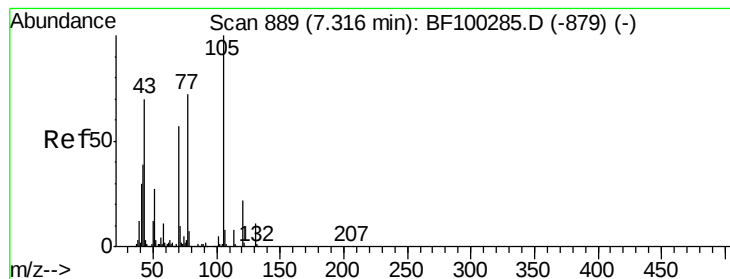
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.98 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 247634

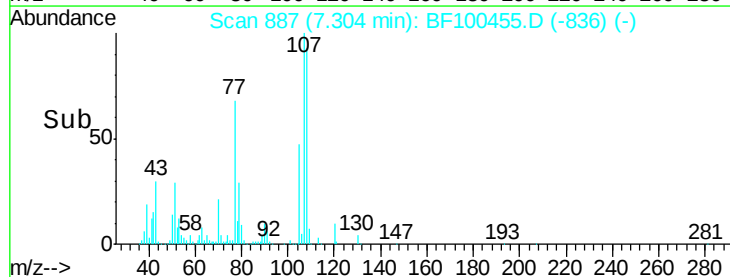
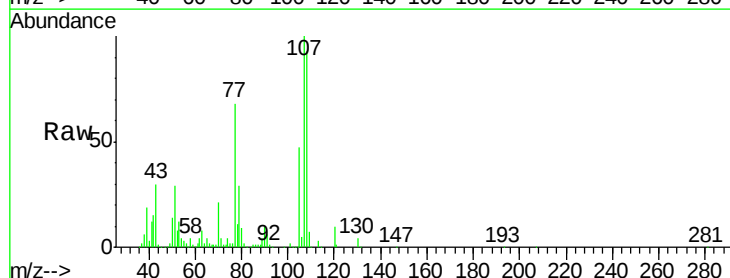
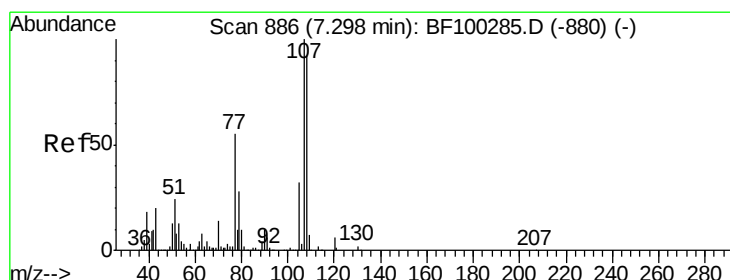
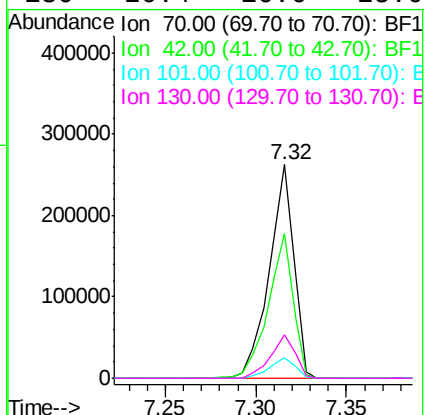
Ion Ratio Lower Upper

70 100

42 67.7 47.5 71.3

101 9.8 7.4 11.2

130 20.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.69 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Tgt Ion: 107 Resp: 346576

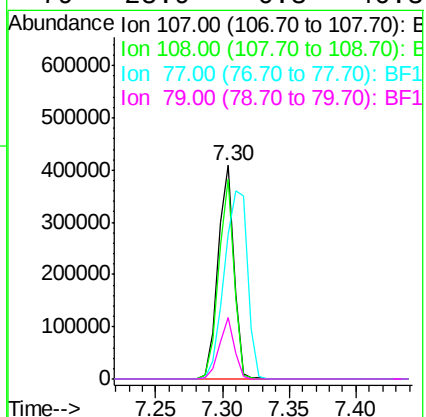
Ion Ratio Lower Upper

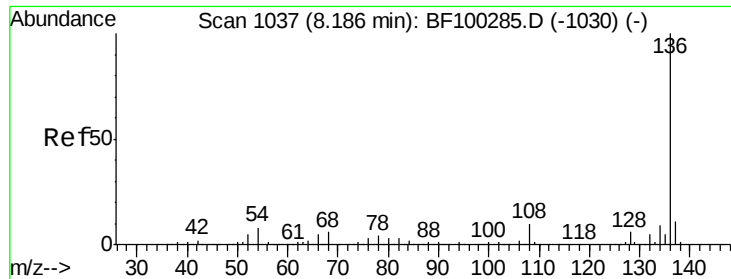
107 100

108 93.5 68.2 108.2

77 67.6 26.7 66.7#

79 28.9 6.3 46.3

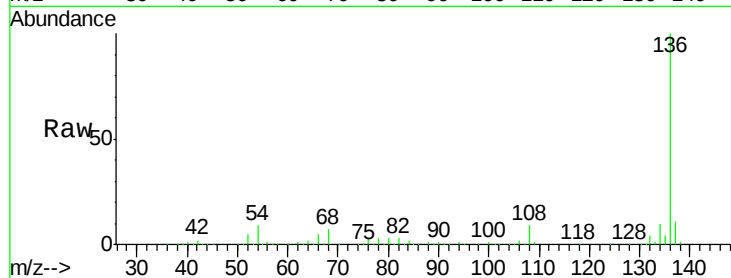




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	476326
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	6.7	5.0	7.4



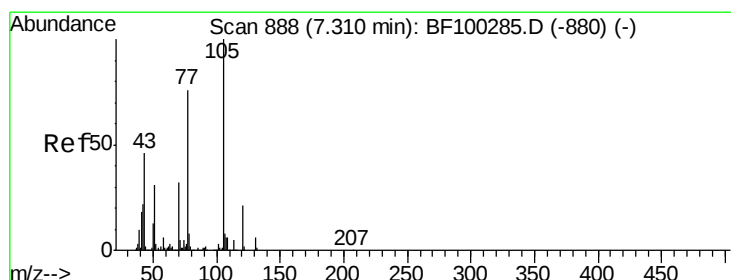
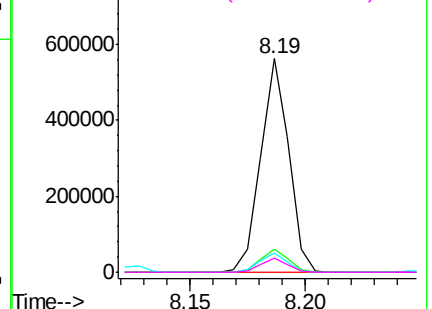
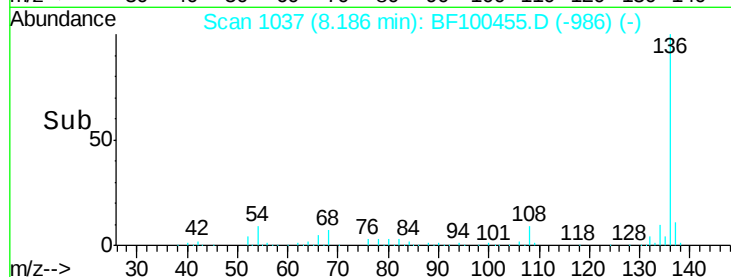
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

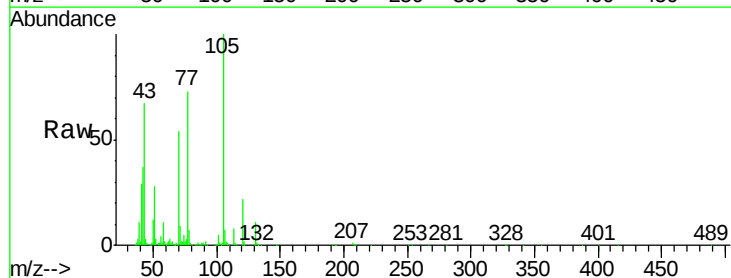
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.12 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion:	105	Resp:	466033
Ion Ratio	Lower	Upper	
105	100		
71	9.3	4.4	6.6#
51	28.3	22.3	33.5
120	21.9	16.9	25.3



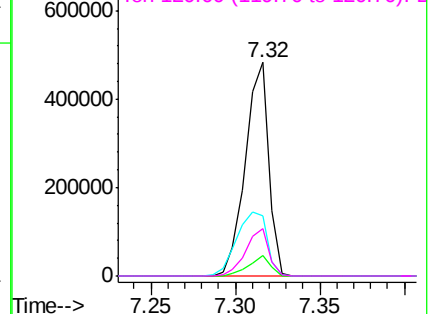
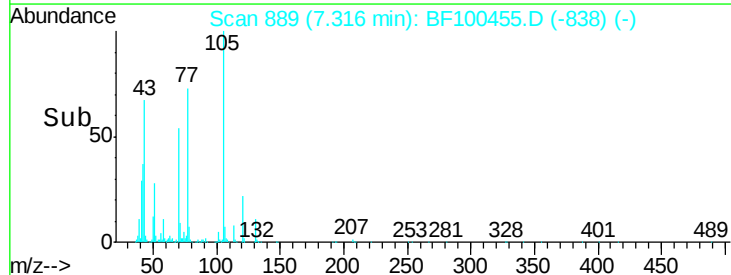
Abundance

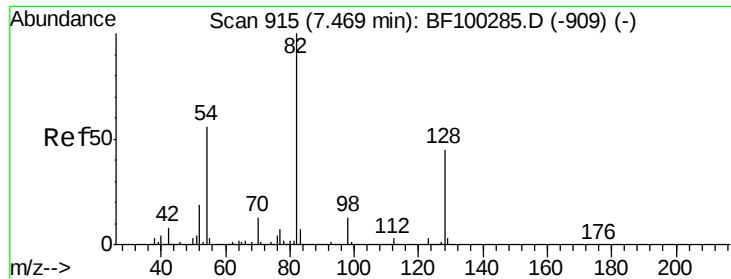
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

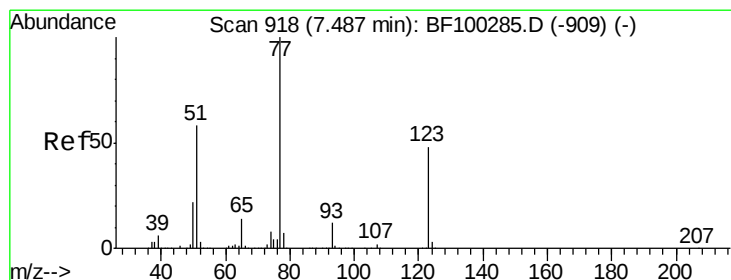
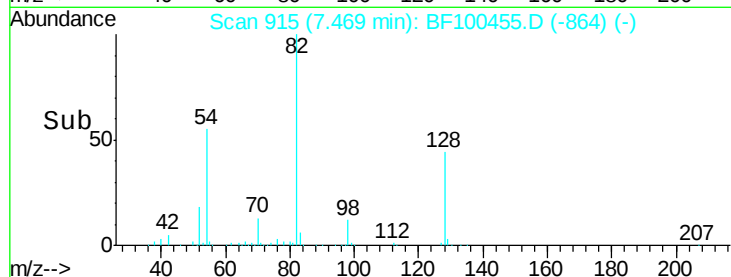
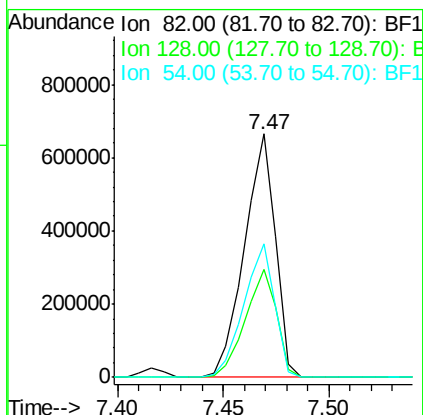
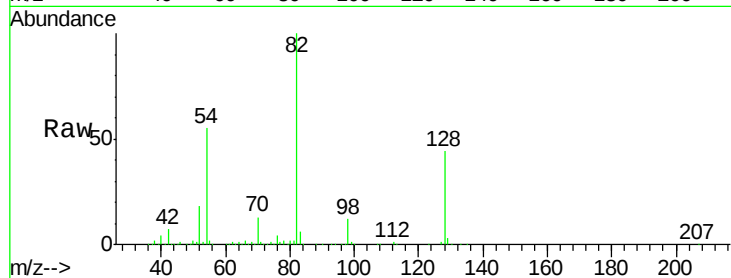




#23
 Nitrobenzene-d5
 Concen: 93.71 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

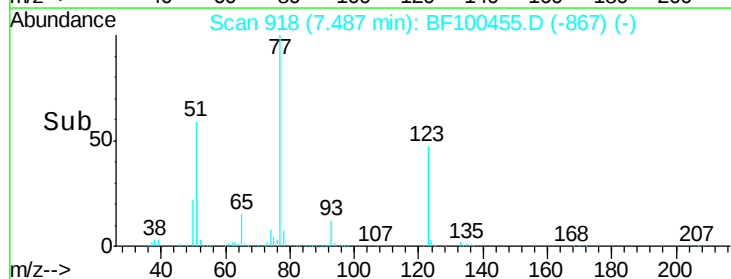
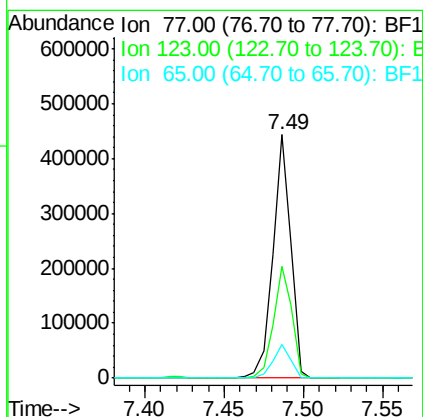
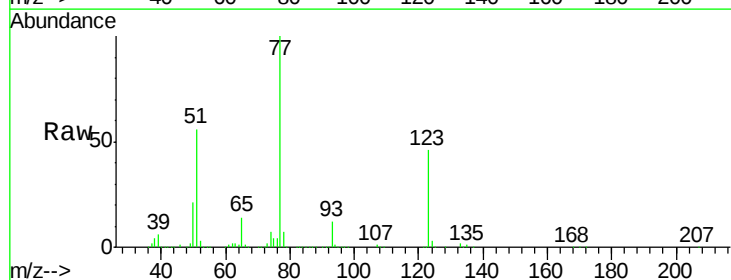
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

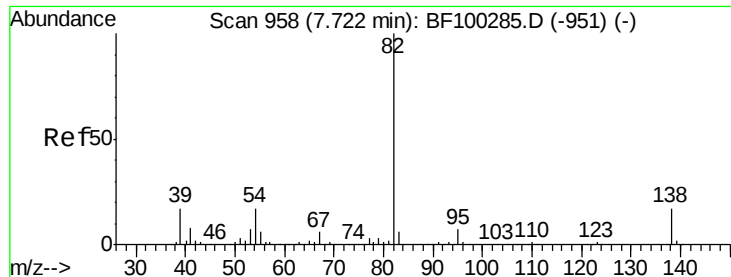
Tgt Ion: 82 Resp: 675174
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.1 54.1
 54 55.0 41.4 62.2



#24
 Nitrobenzene
 Concen: 47.27 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion: 77 Resp: 350491
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 14.1 11.0 16.4

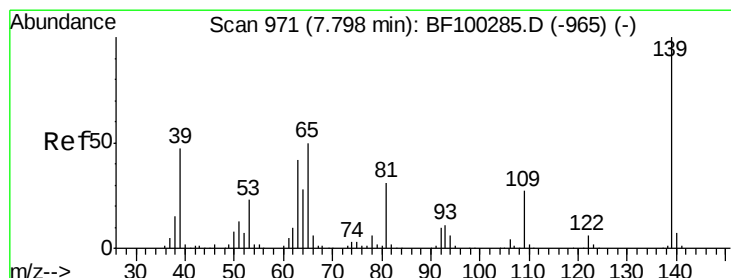
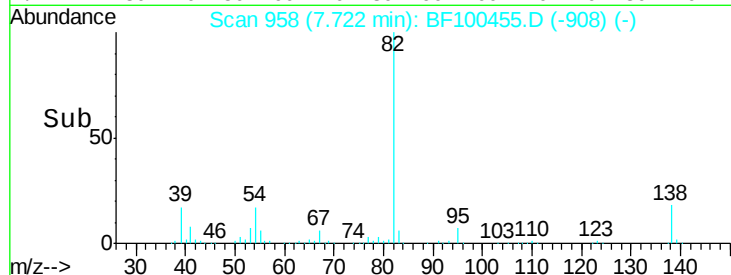
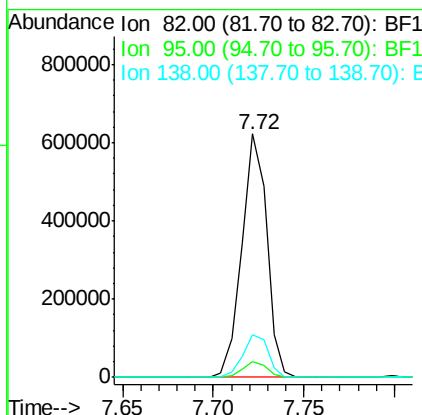
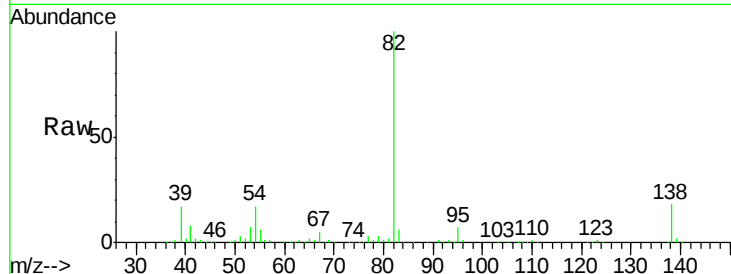




#25
Isophorone
Concen: 39.50 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

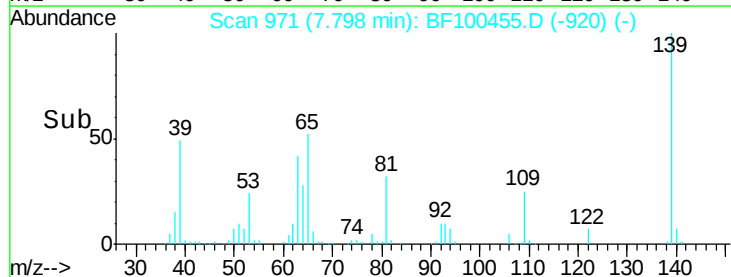
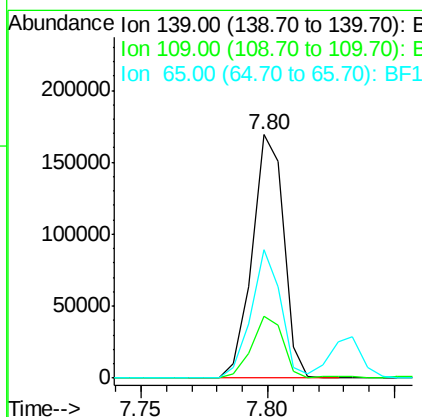
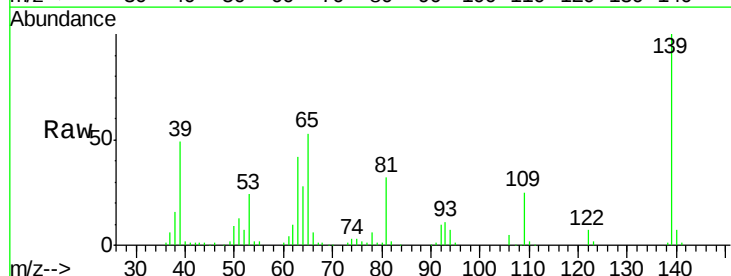
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

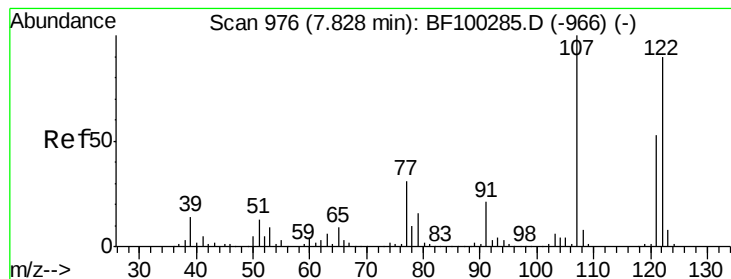
Tgt Ion: 82 Resp: 597994
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 42.95 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion: 139 Resp: 147123
Ion Ratio Lower Upper
139 100
109 25.2 22.7 34.1
65 52.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.39 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

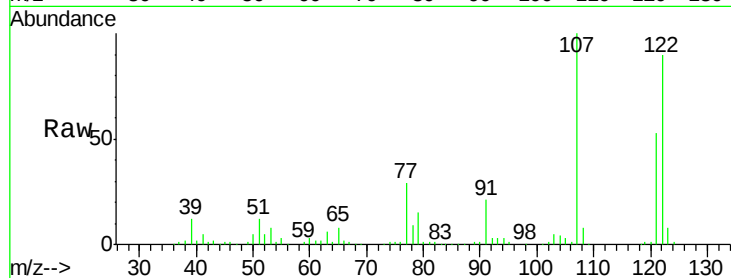
Tgt Ion:122 Resp: 267316

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

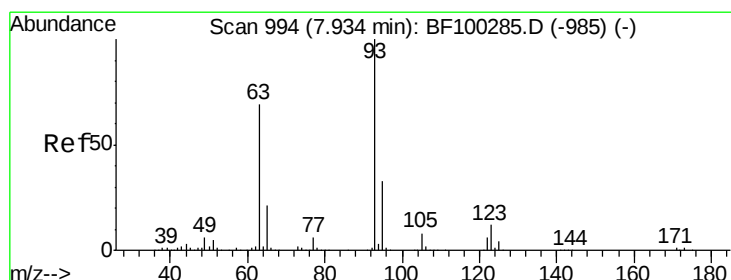
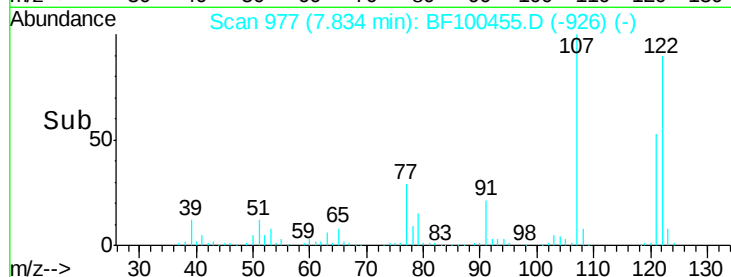
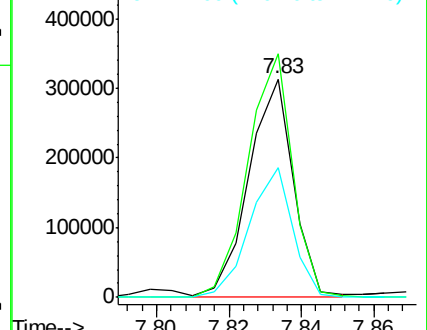
121 59.2 47.2 70.8



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: 41.18 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

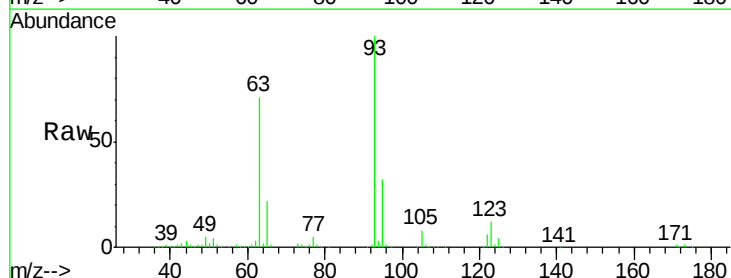
Tgt Ion: 93 Resp: 407834

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

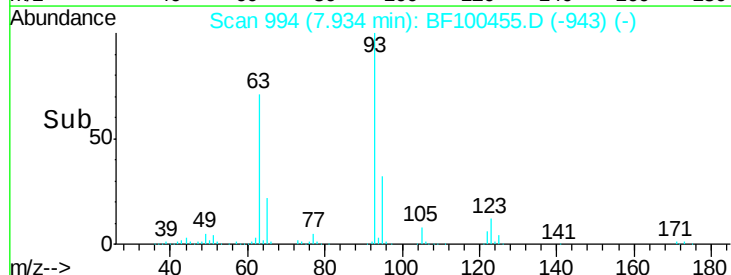
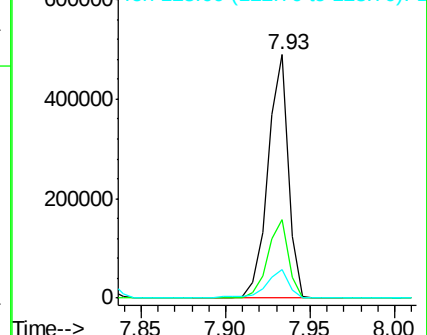
123 11.7 9.8 14.6

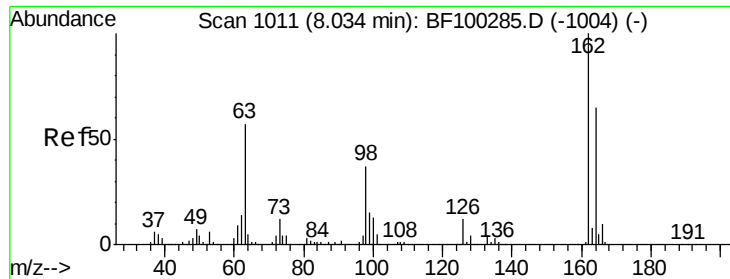


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

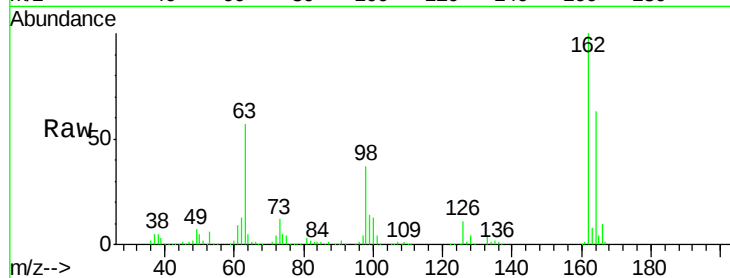




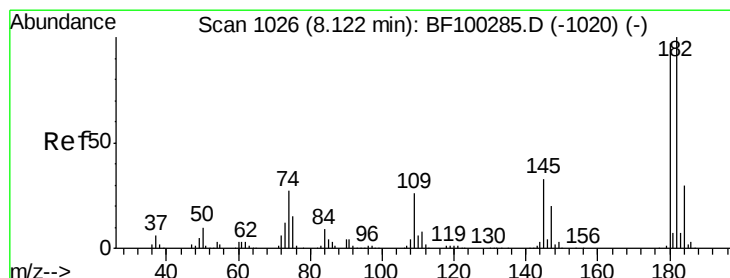
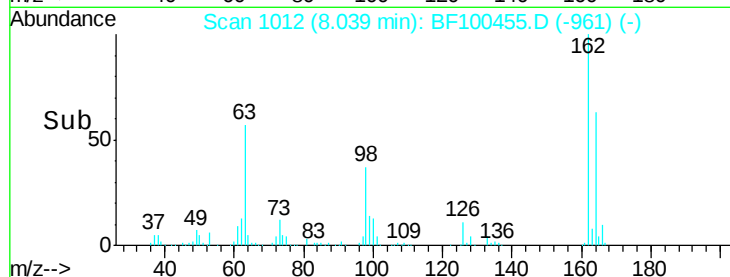
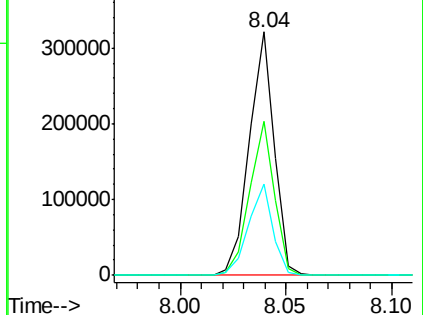
#29
 2,4-Dichlorophenol
 Concen: 40.91 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 265033
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 37.3 18.1 58.1

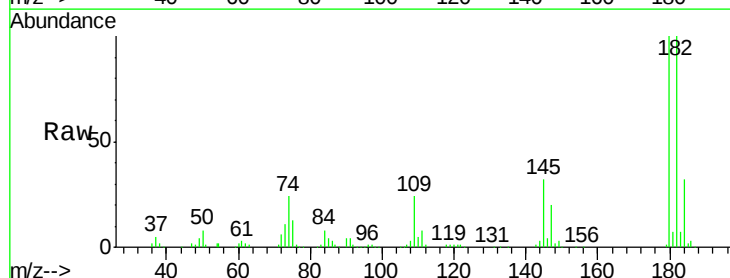


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

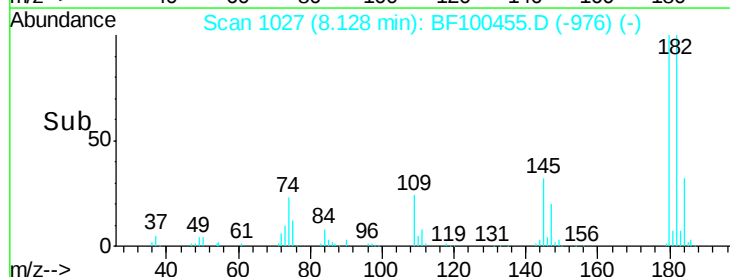
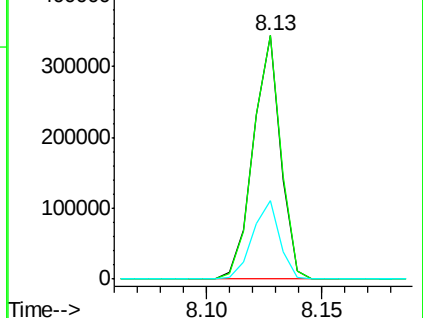


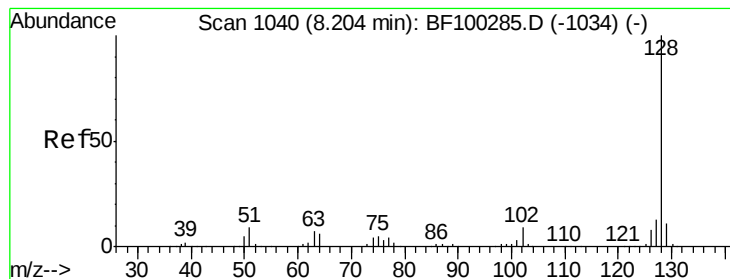
#30
 1,2,4-Trichlorobenzene
 Concen: 40.67 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:180 Resp: 285013
 Ion Ratio Lower Upper
 180 100
 182 99.9 76.8 115.2
 145 32.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.87 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

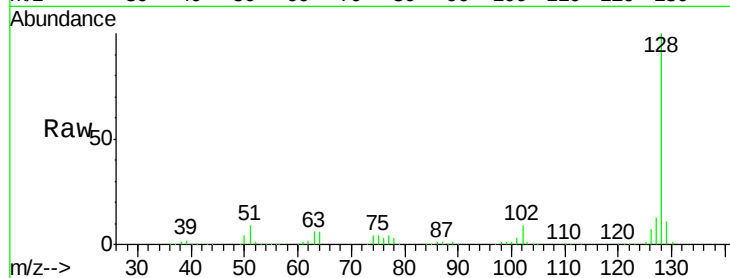
Tgt Ion:128 Resp: 914681

Ion Ratio Lower Upper

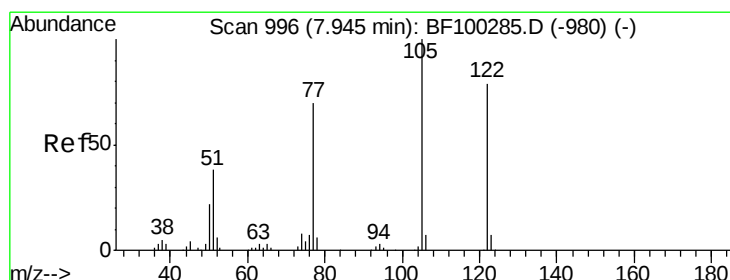
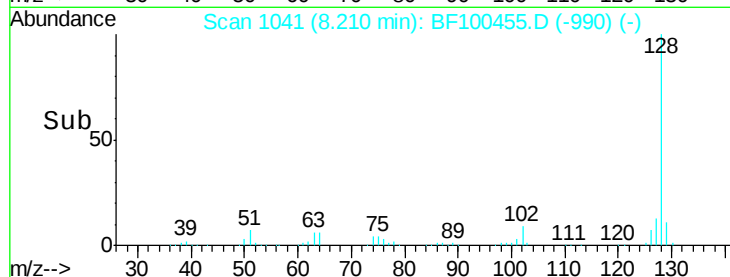
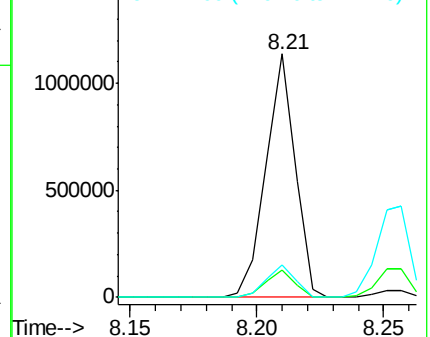
128 100

129 11.1 8.8 13.2

127 13.1 10.9 16.3



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



#32

Benzoic acid

Concen: 36.47 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

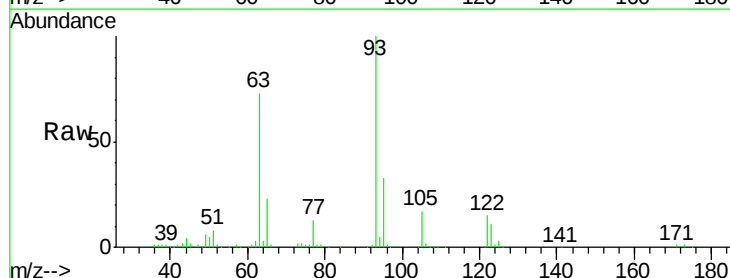
Tgt Ion:122 Resp: 175001

Ion Ratio Lower Upper

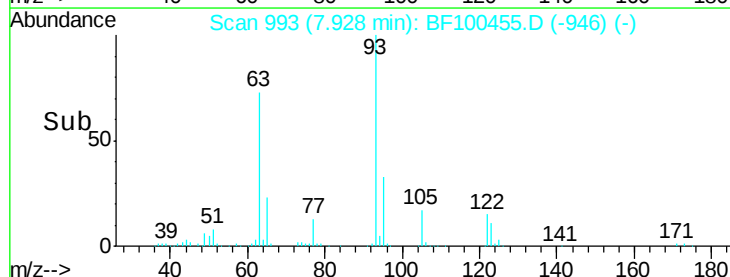
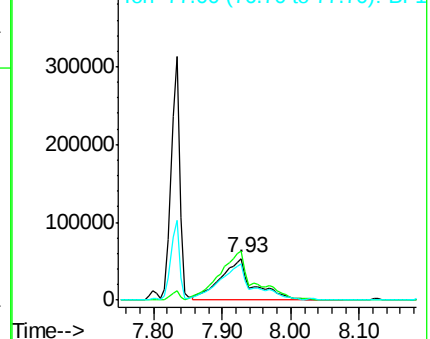
122 100

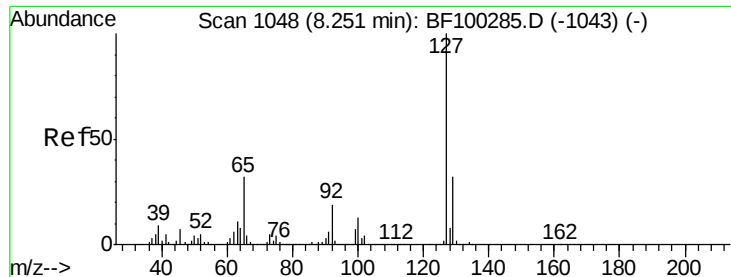
105 119.5 101.1 141.1

77 86.8 70.7 110.7



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

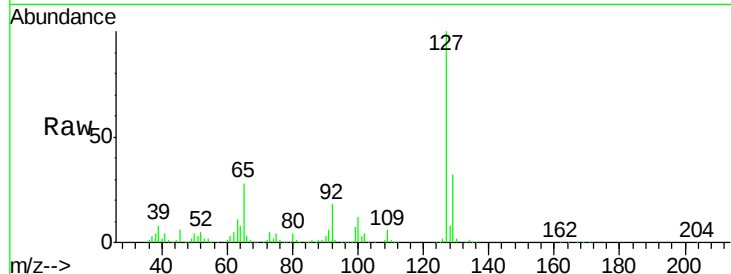




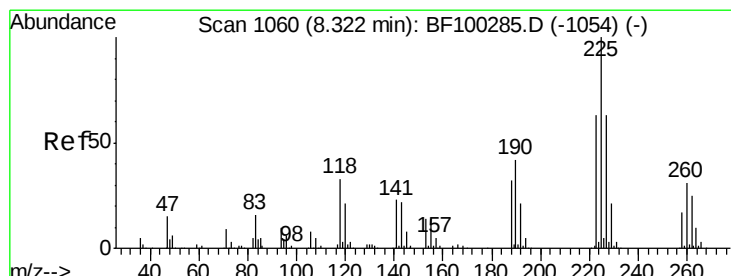
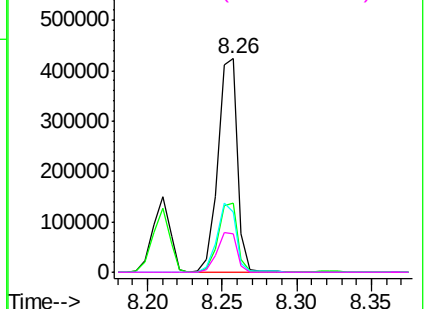
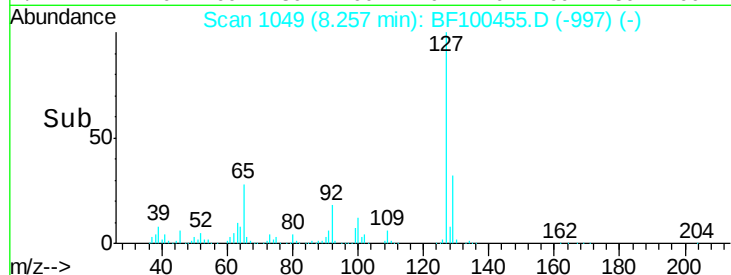
#33
 4-Chloroaniline
 Concen: 40.86 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	390161
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	28.2	25.0	37.4
92	17.8	15.2	22.8

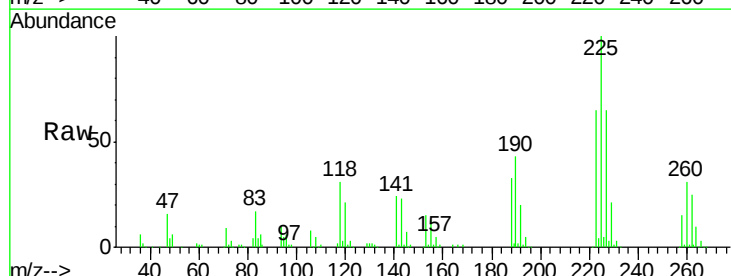


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

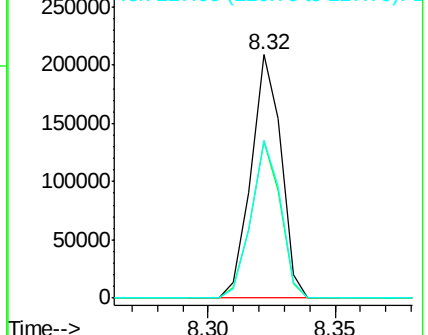
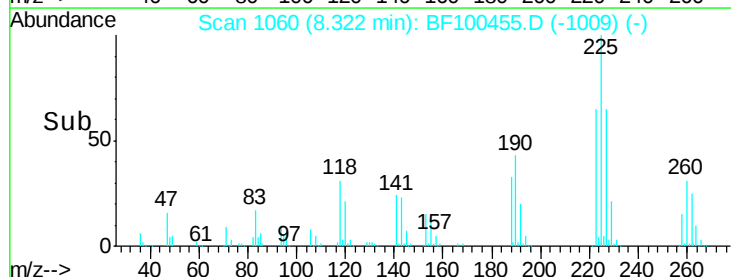


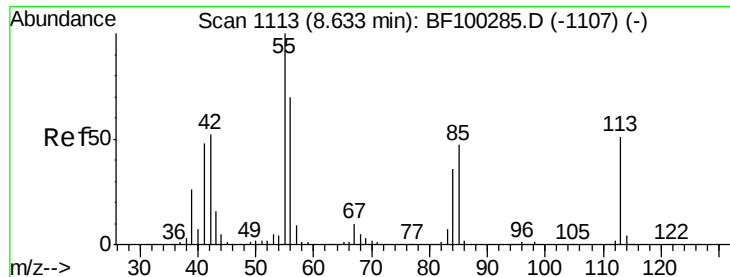
#34
 Hexachlorobutadiene
 Concen: 41.34 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:	225	Resp:	172273
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.8	51.9	77.9



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





#35

Caprolactam

Concen: 36.86 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

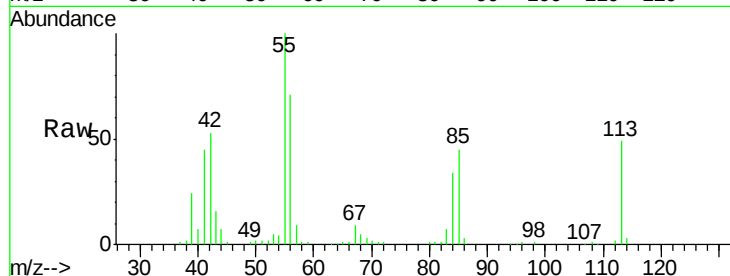
Tgt Ion:113 Resp: 81953

Ion Ratio Lower Upper

113 100

55 202.7 163.3 203.3

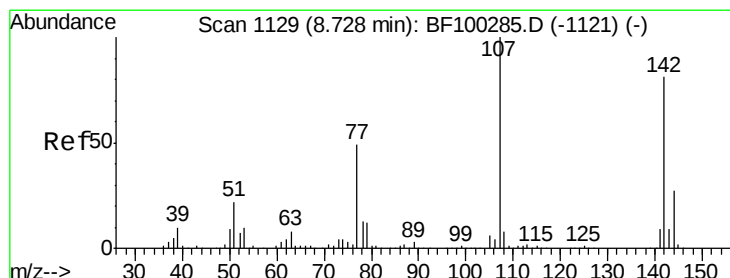
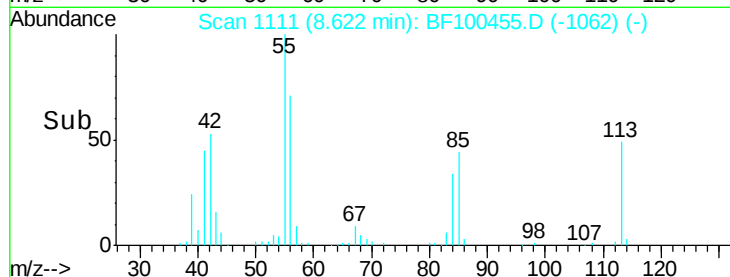
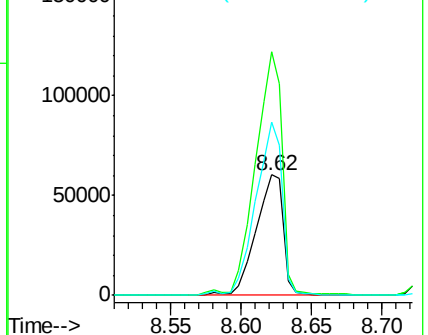
56 143.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.90 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

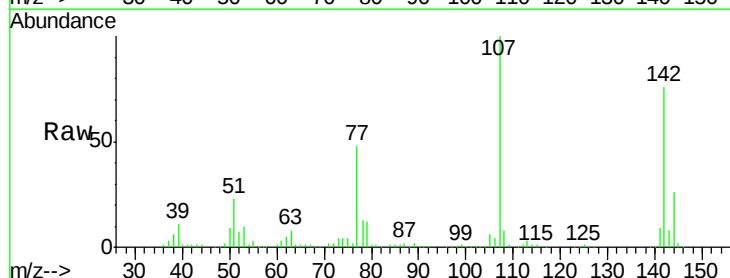
Tgt Ion:107 Resp: 263763

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

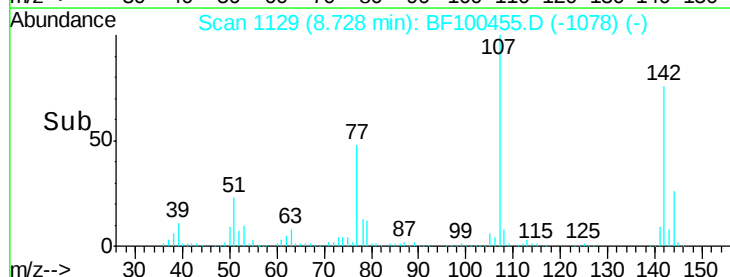
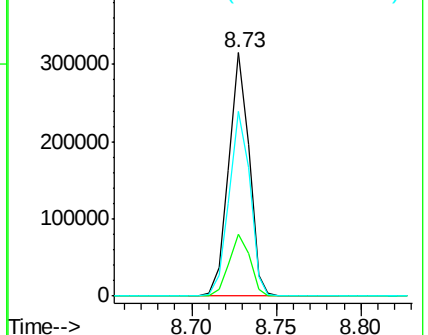
142 75.8 62.0 93.0

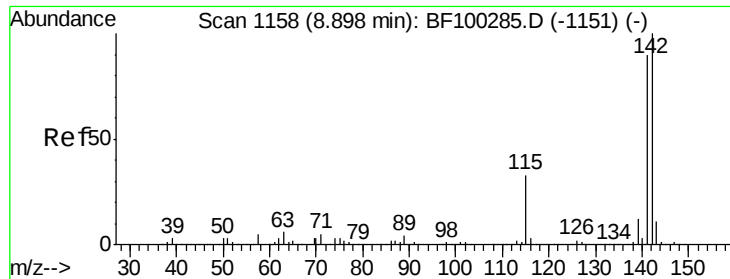


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

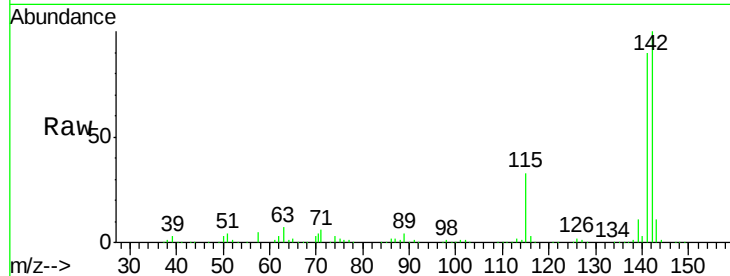




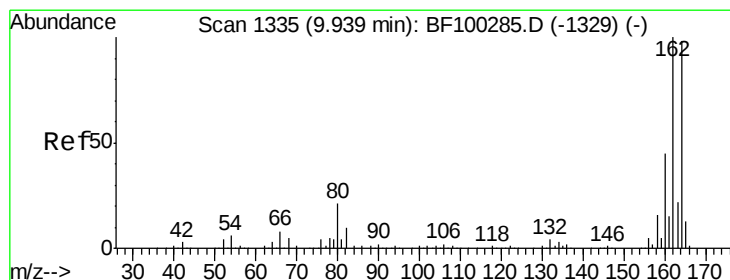
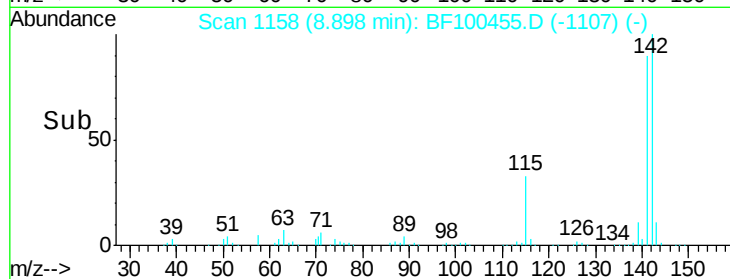
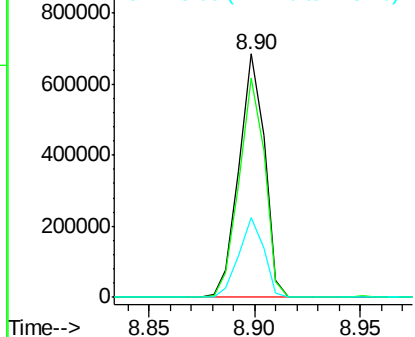
#37
 2-Methylnaphthalene
 Concen: 37.75 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 575041
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.8 106.2
 115 32.6 26.1 39.1

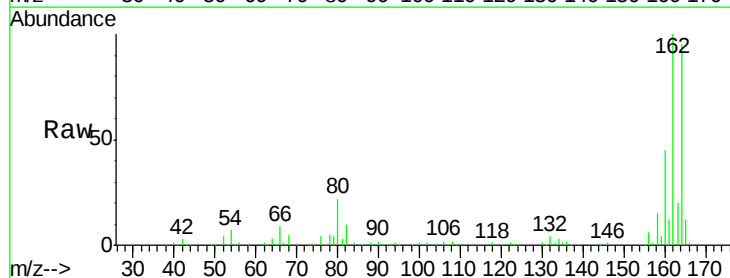


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

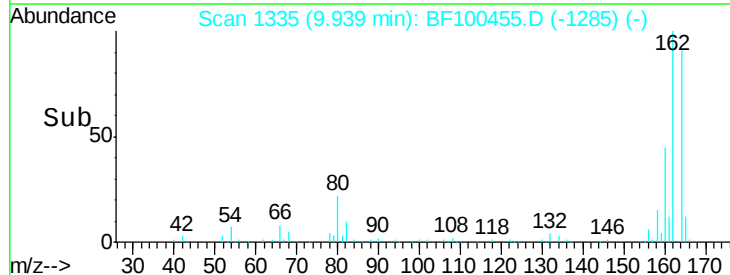
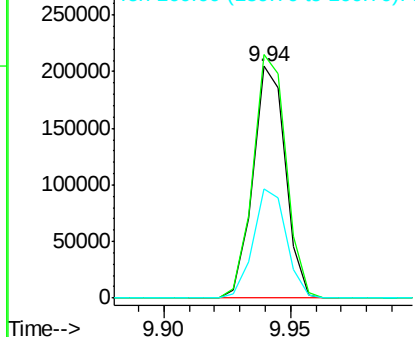


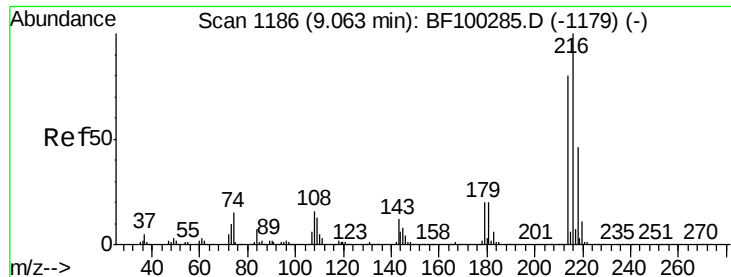
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:164 Resp: 183063
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.1 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.87 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

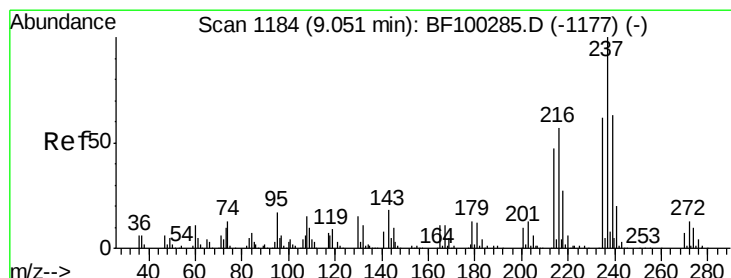
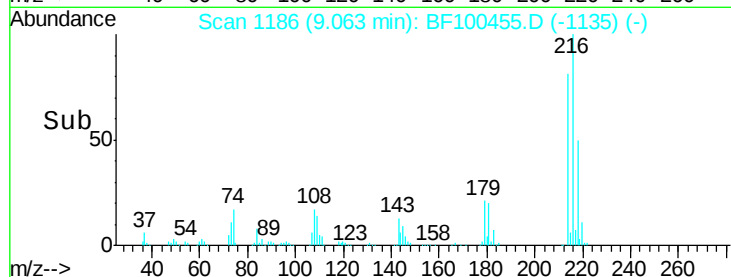
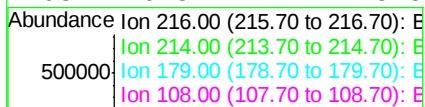
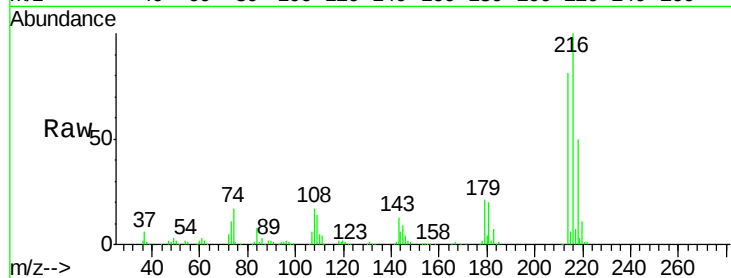
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	216	Resp:	290617
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	20.3	18.1	27.1
108	16.8	17.2	25.8#



#40

Hexachlorocyclopentadiene

Concen: 4.06 ng

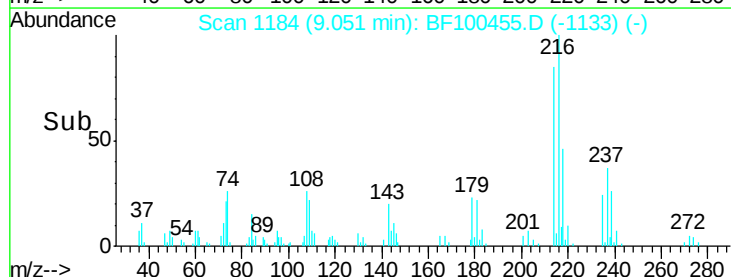
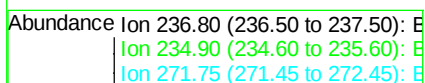
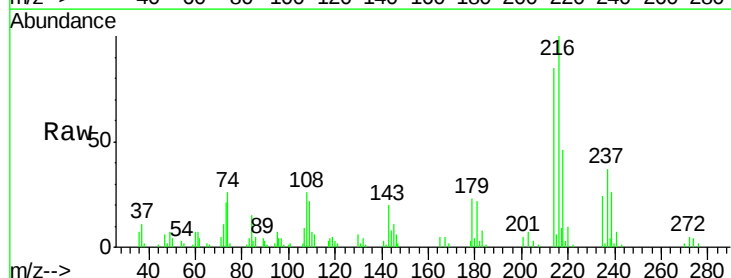
RT: 9.05 min Scan# 1184

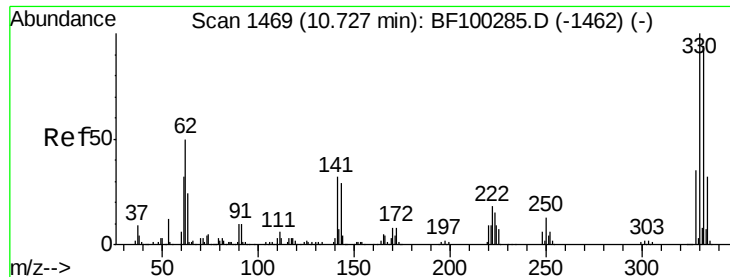
Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Tgt Ion:	237	Resp:	11614
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.8	84.8
272	13.6	0.0	33.3

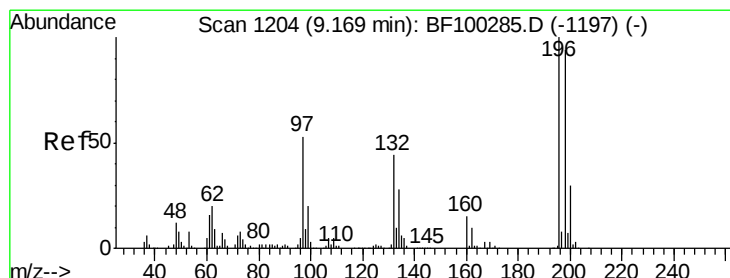
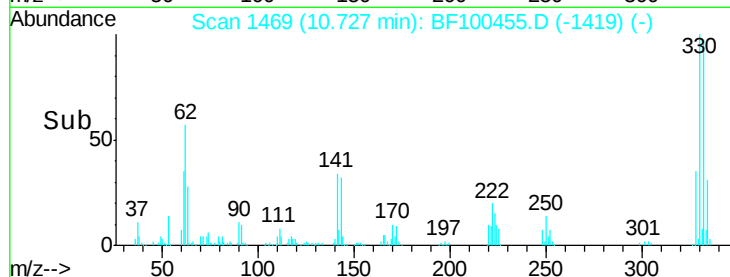
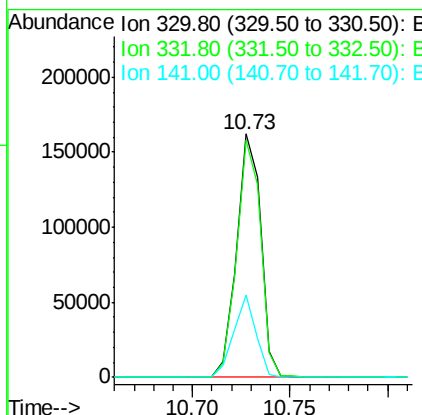
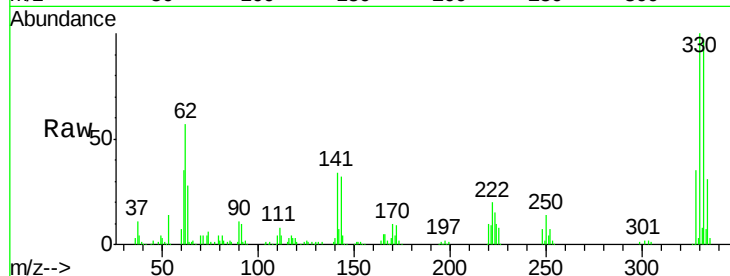




#41
 2,4,6-Tribromophenol
 Concen: 74.97 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

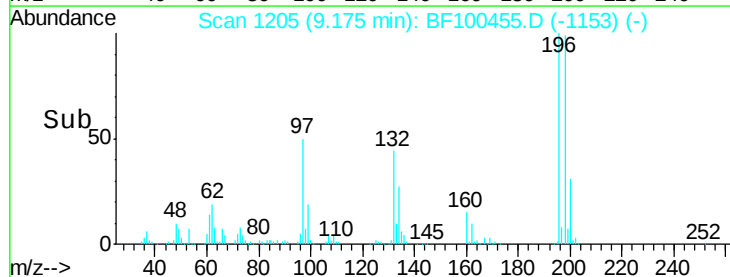
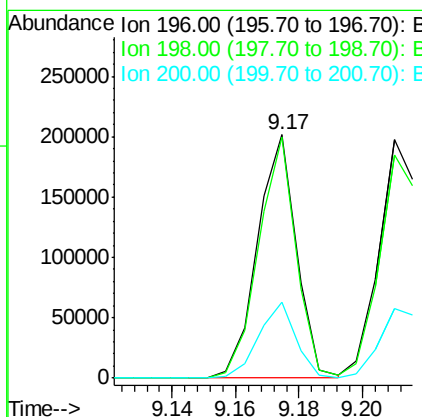
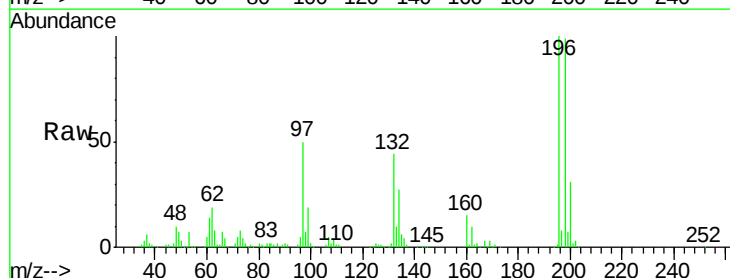
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

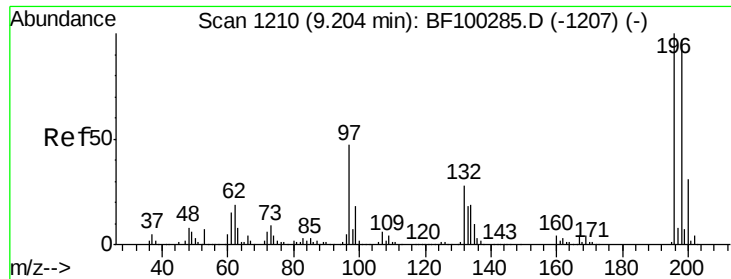
Tgt Ion:330 Resp: 139848
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 31.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.71 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:196 Resp: 172026
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.7 113.5
 200 31.1 24.5 36.7

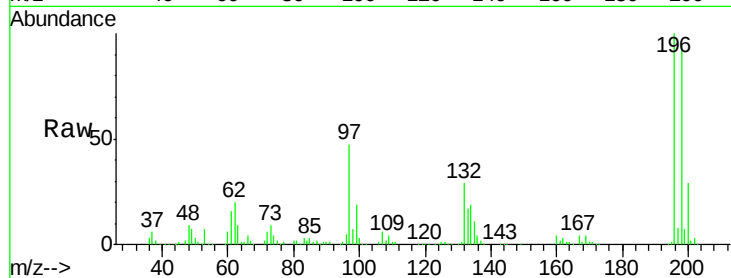




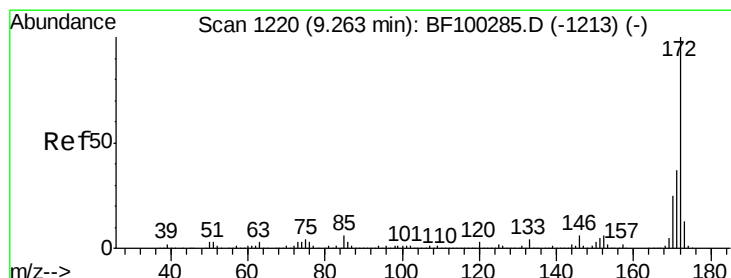
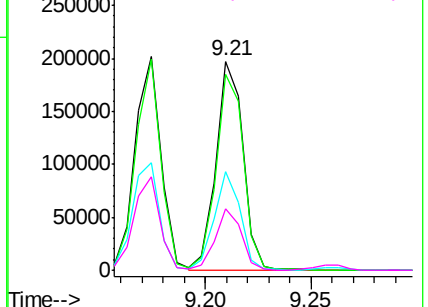
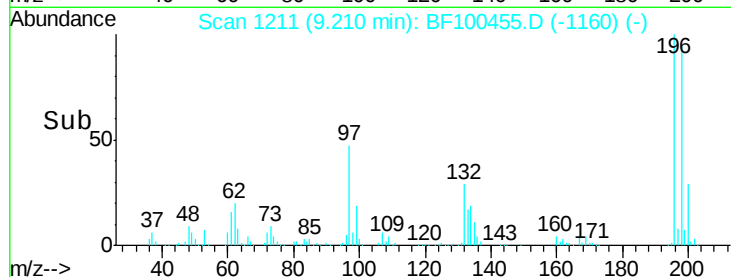
#43
 2,4,5-Trichlorophenol
 Concen: 44.14 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	175977
Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.6	112.0
97	47.0	42.9	64.3
132	29.2	26.3	39.5

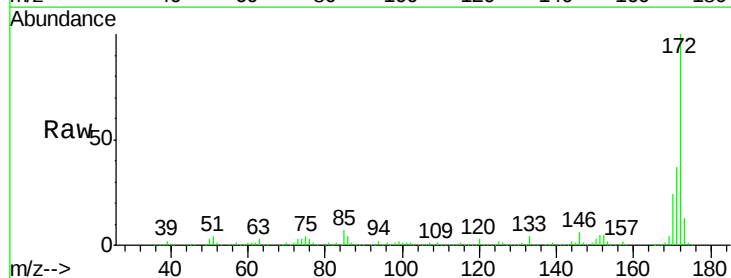


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

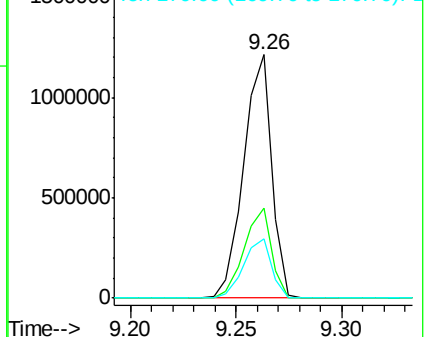
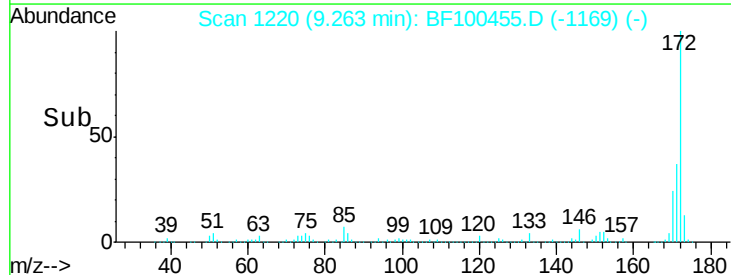


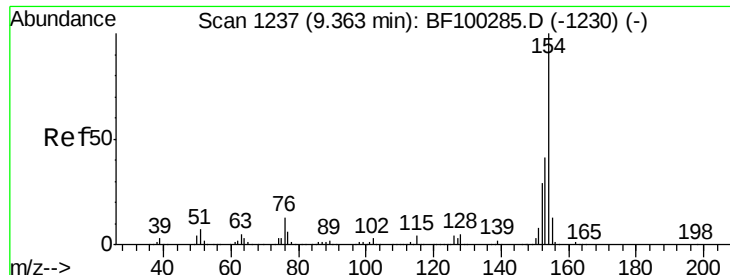
#44
 2-Fluorobiphenyl
 Concen: 92.86 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:	172	Resp:	1116363
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4



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

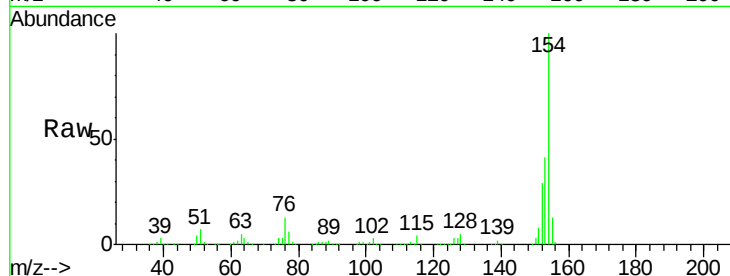




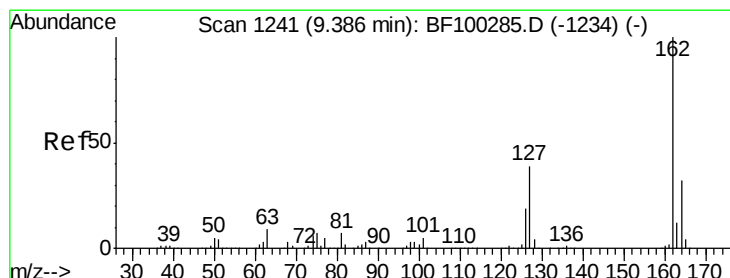
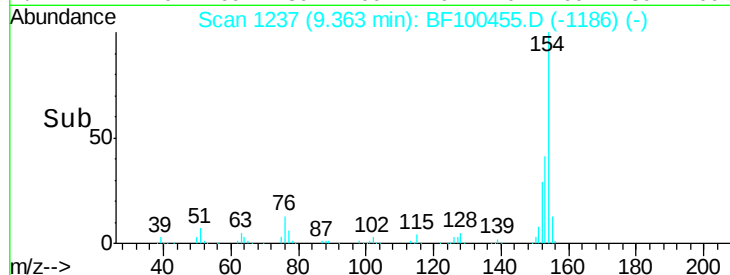
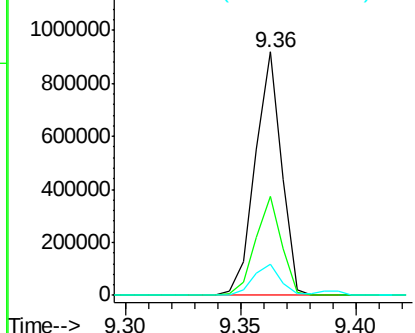
#45
 1,1'-Biphenyl
 Concen: 46.21 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	12.8	0.0	34.0

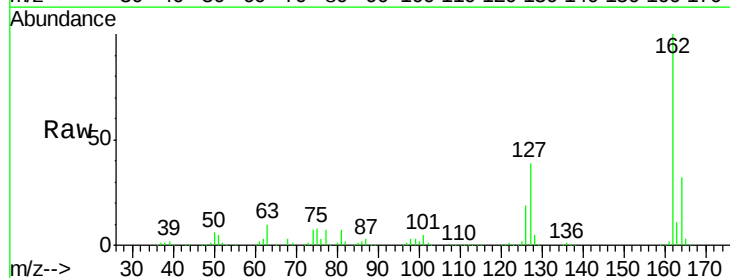


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

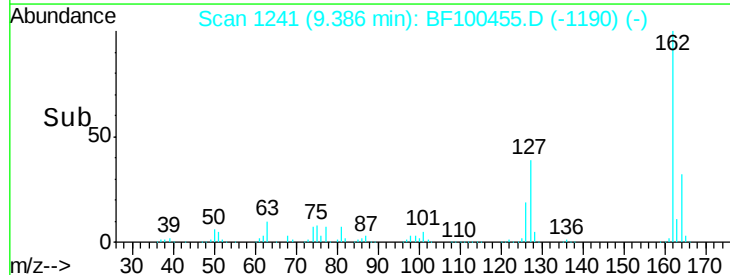
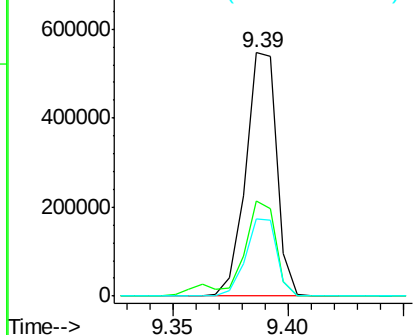


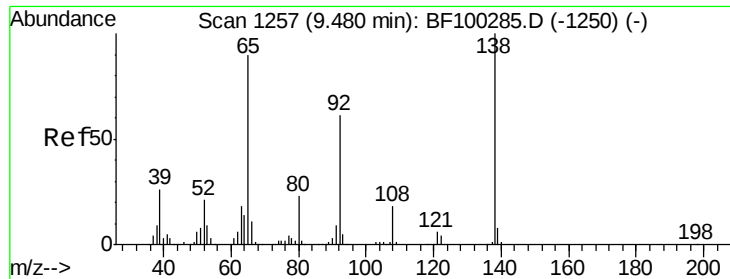
#46
 2-Chloronaphthalene
 Concen: 44.74 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	33.9	50.9
164	31.9	26.5	39.7



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

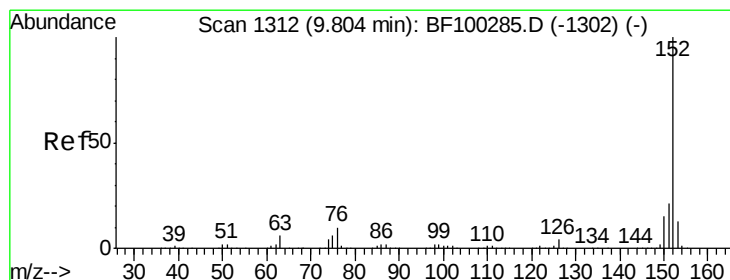
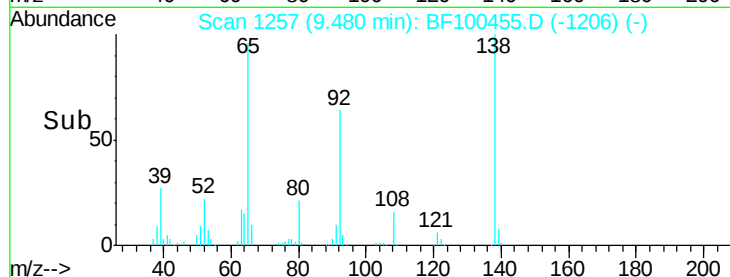
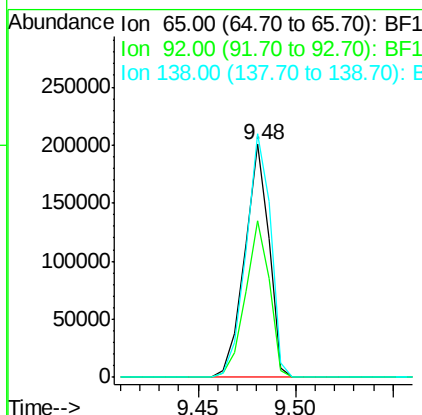
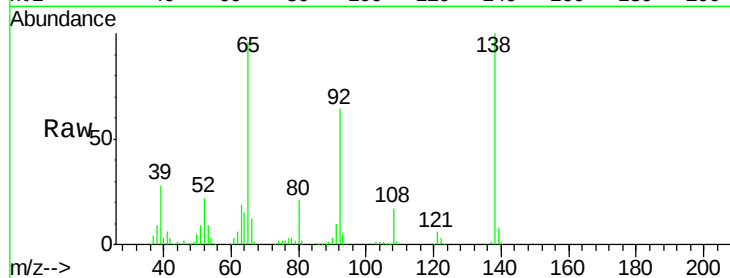




#47
2-Nitroaniline
Concen: 50.60 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

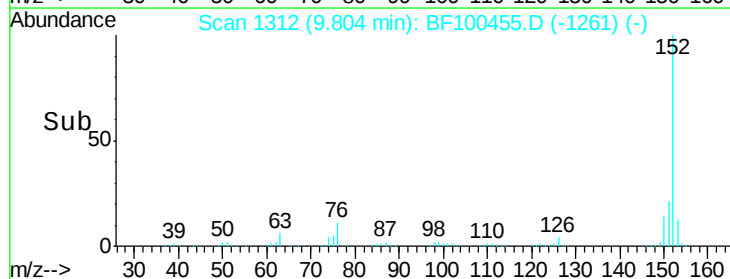
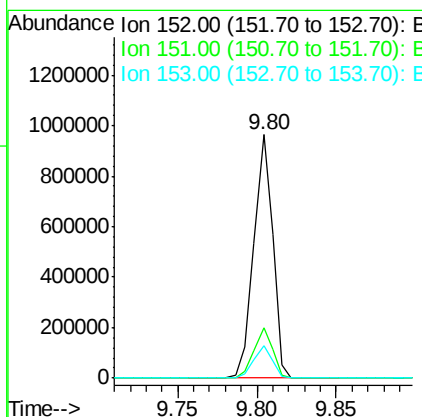
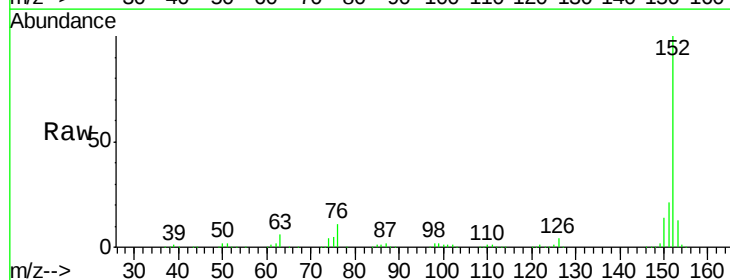
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

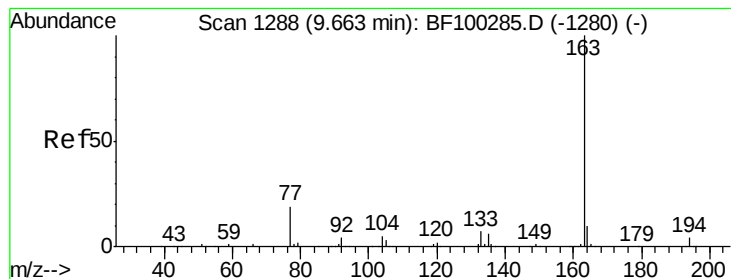
Tgt Ion: 65 Resp: 172272
Ion Ratio Lower Upper
65 100
92 67.0 55.8 83.6
138 104.4 91.2 136.8



#48
Acenaphthylene
Concen: 42.02 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion: 152 Resp: 799904
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 45.64 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

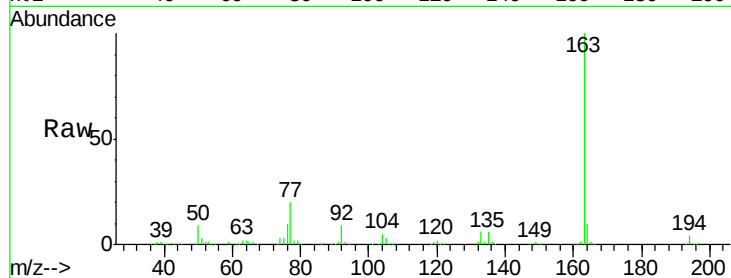
Tgt Ion:163 Resp: 637974

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

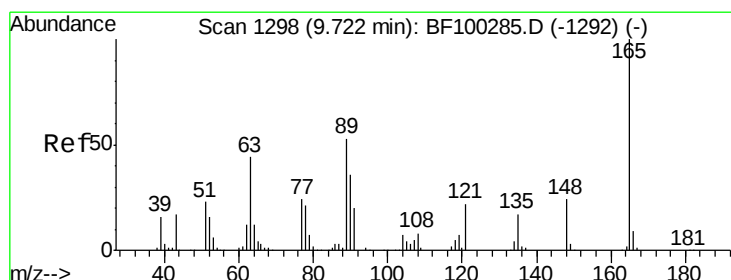
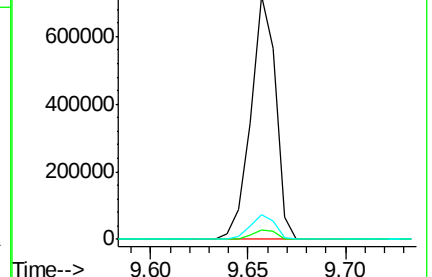
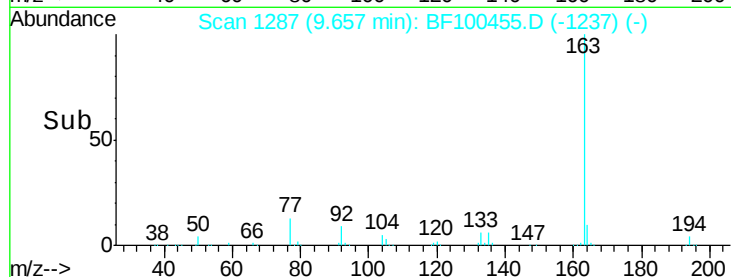
164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 43.61 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

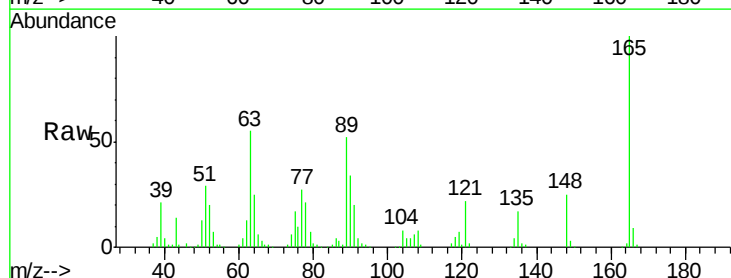
Tgt Ion:165 Resp: 120665

Ion Ratio Lower Upper

165 100

63 55.3 44.7 67.1

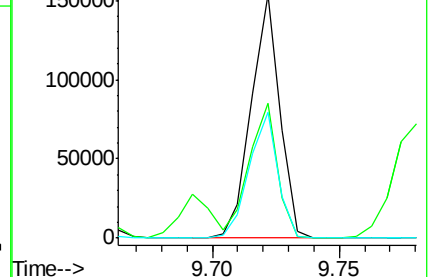
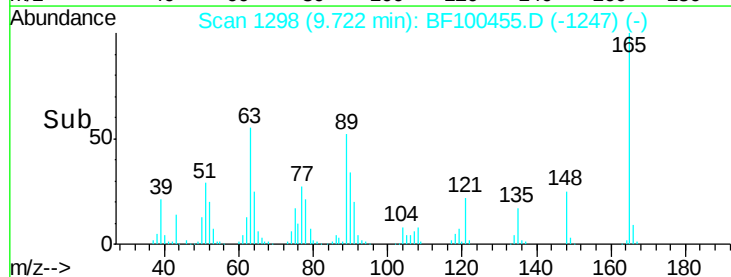
89 51.7 44.0 66.0

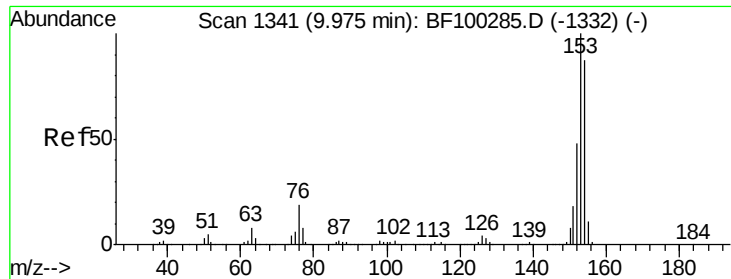


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.13 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

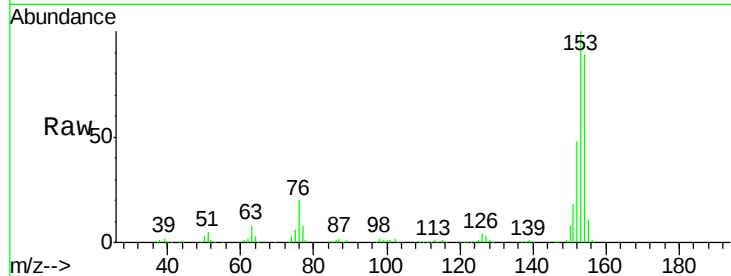
Tgt Ion:154 Resp: 464563

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

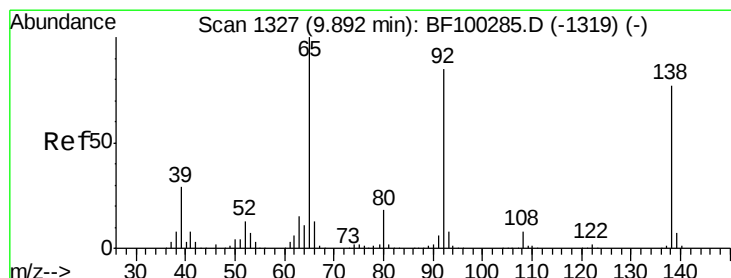
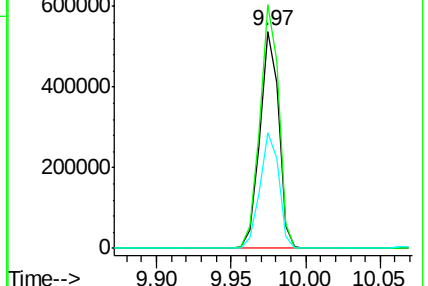
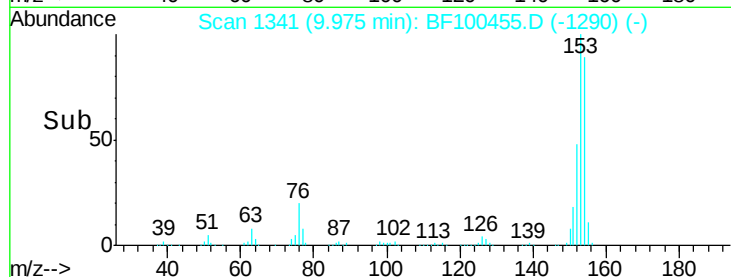
152 53.3 43.8 65.8



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



#52

3-Nitroaniline

Concen: 46.48 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

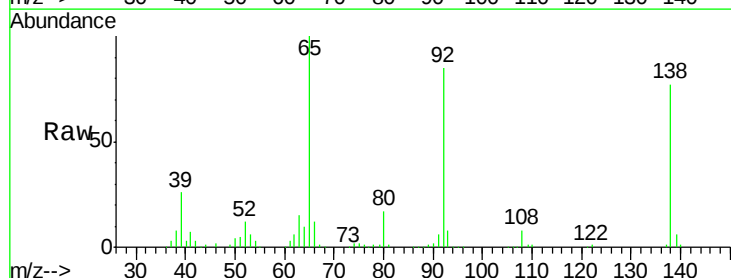
Tgt Ion:138 Resp: 151849

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

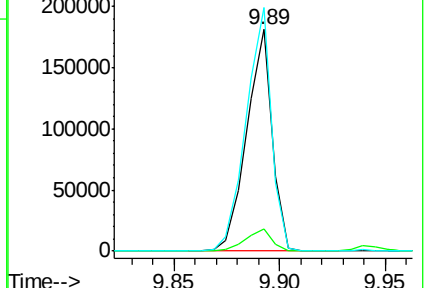
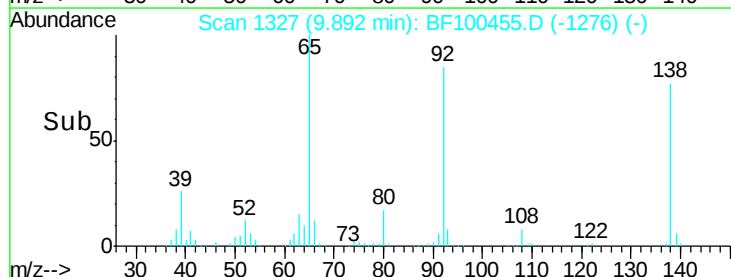
92 109.8 89.4 134.2

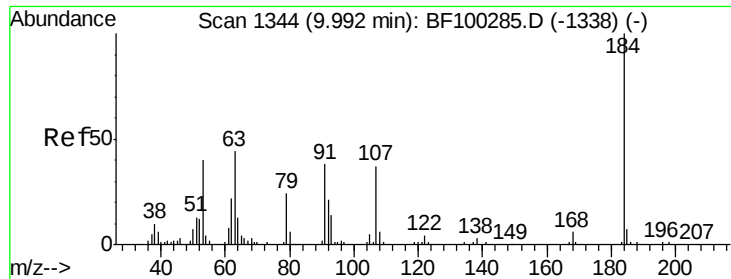


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

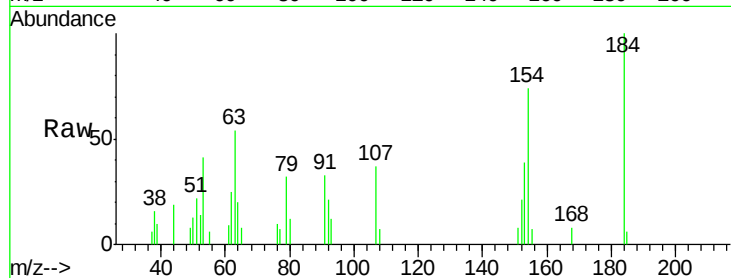




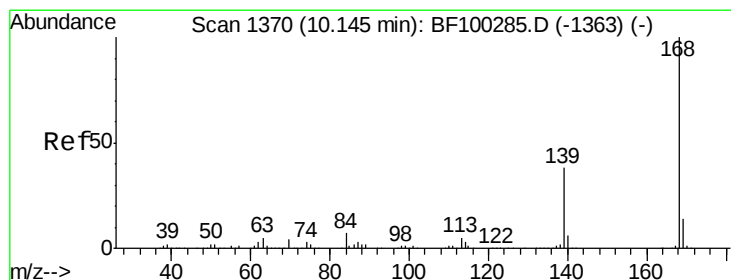
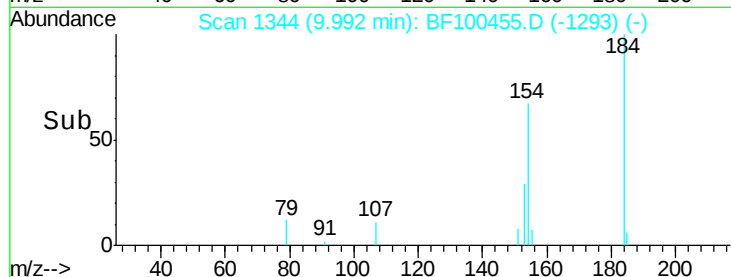
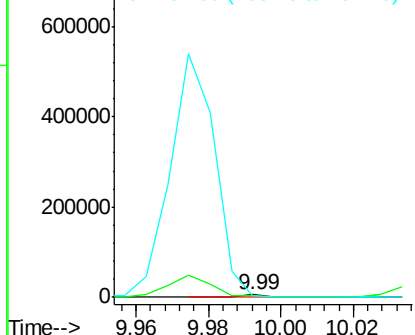
#53
 2,4-Dinitrophenol
 Concen: 11.97 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 3720
 Ion Ratio Lower Upper
 184 100
 63 54.1 54.2 81.2#
 154 73.8 184.0 276.0#

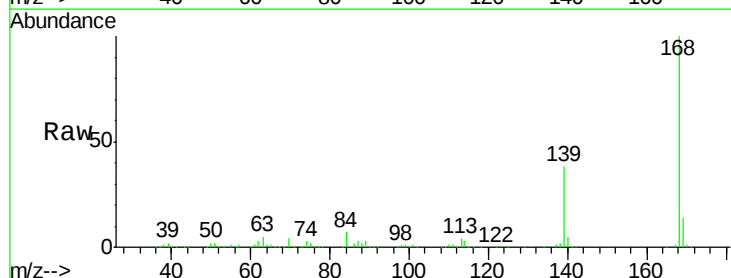


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

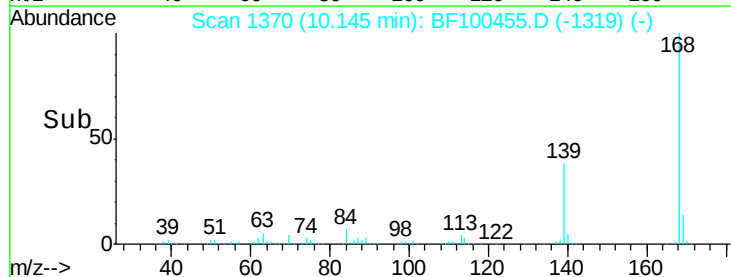
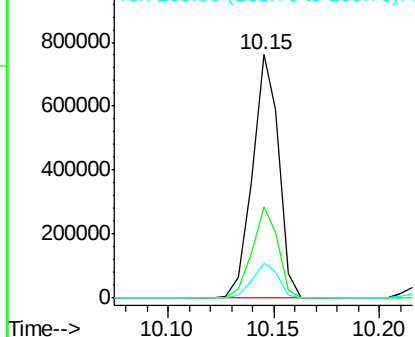


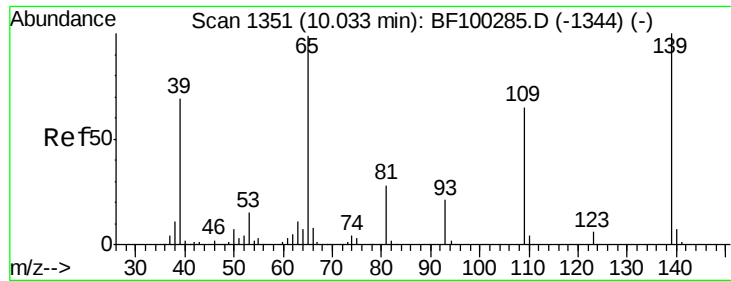
#54
 Dibenzofuran
 Concen: 40.48 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:168 Resp: 656873
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 14.2 10.9 16.3



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

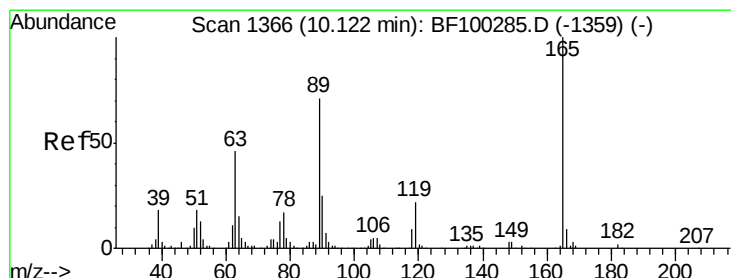
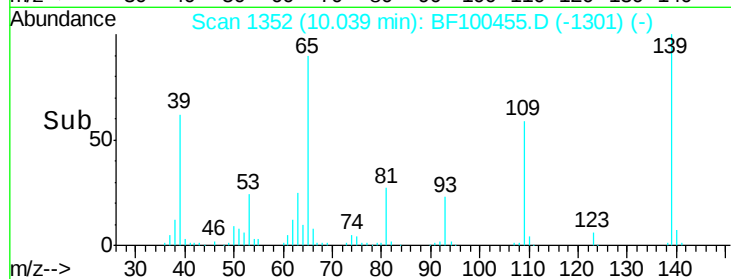
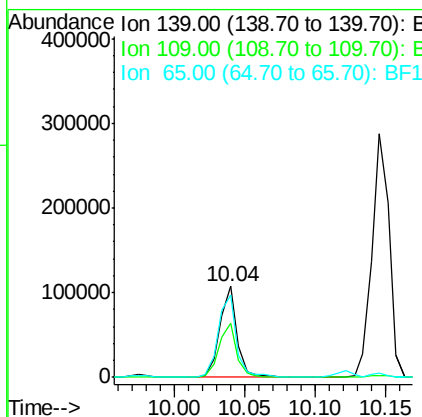
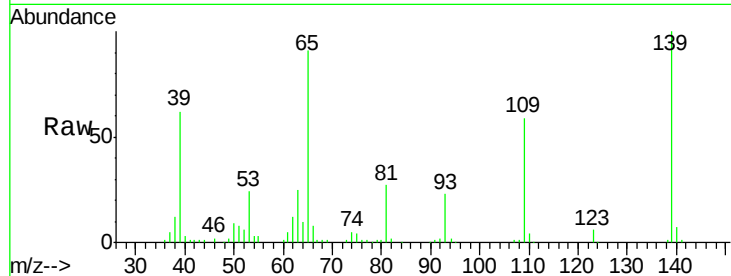




#55
4-Nitrophenol
Concen: 34.46 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

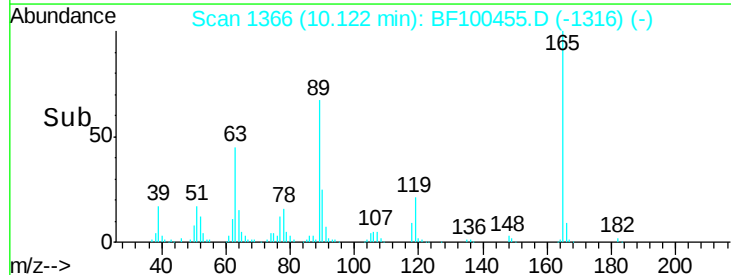
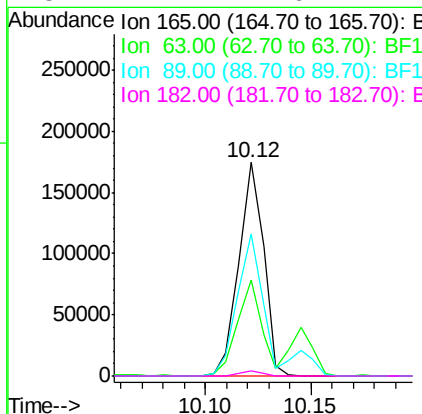
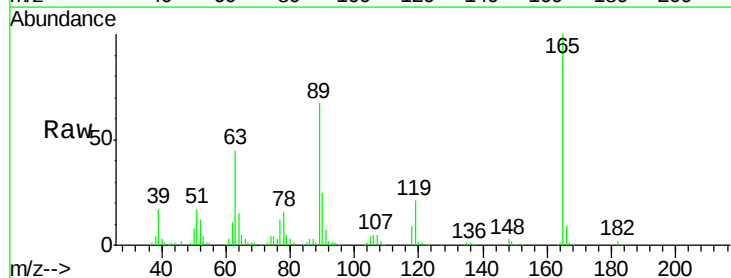
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

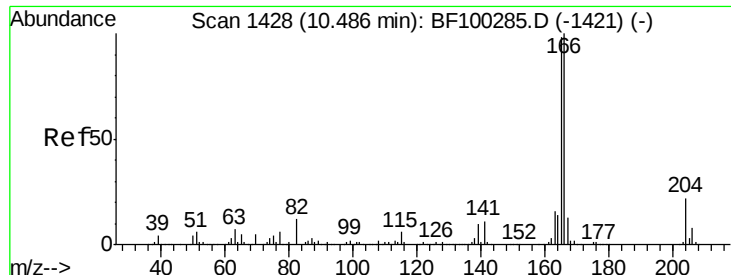
Tgt Ion:139 Resp: 91417
Ion Ratio Lower Upper
139 100
109 59.4 48.4 88.4
65 90.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.51 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion:165 Resp: 141375
Ion Ratio Lower Upper
165 100
63 44.7 36.4 54.6
89 66.6 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 39.65 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

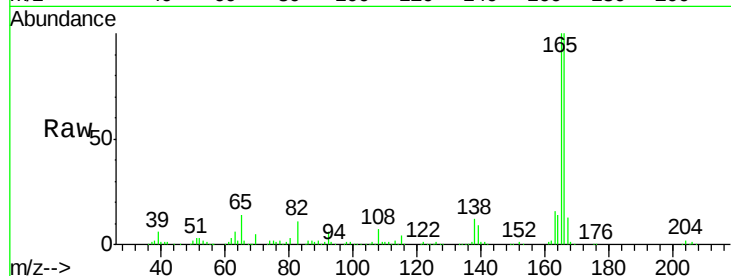
Tgt Ion:166 Resp: 471298

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

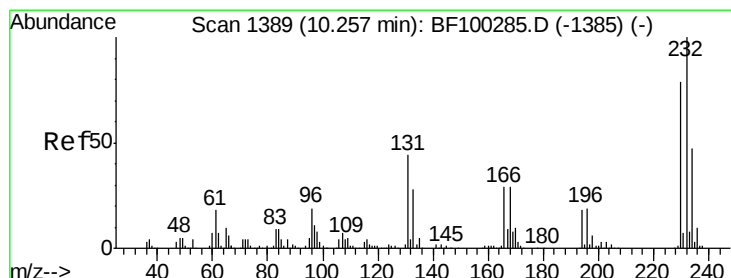
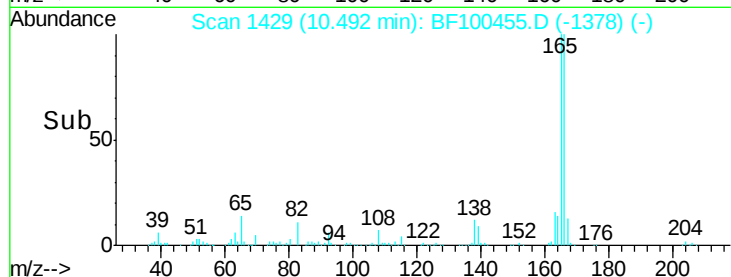
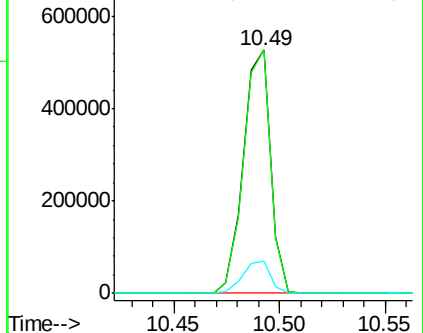
167 13.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.19 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Tgt Ion:232 Resp: 121501

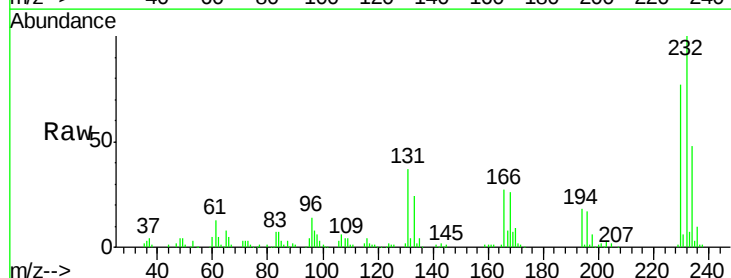
Ion Ratio Lower Upper

232 100

131 43.3 43.8 65.8#

130 2.0 2.1 3.1#

166 29.5 27.8 41.6

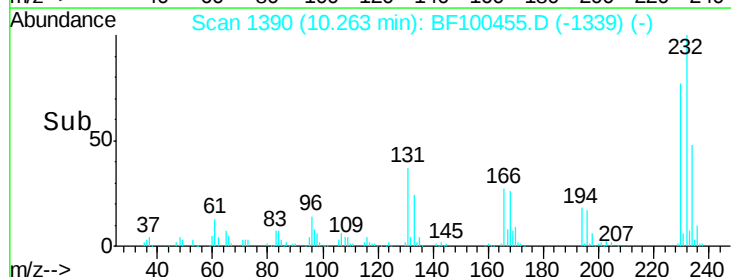
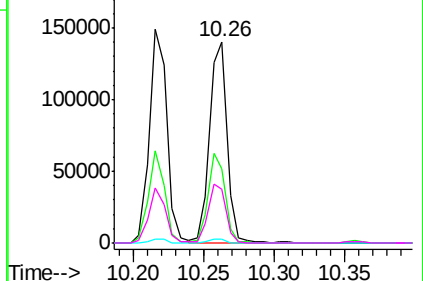


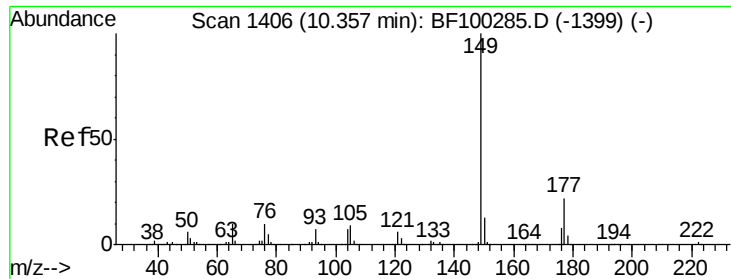
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

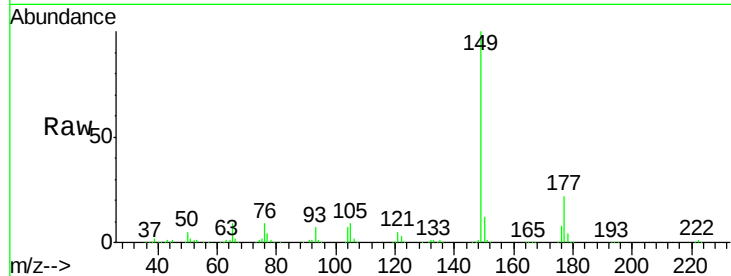




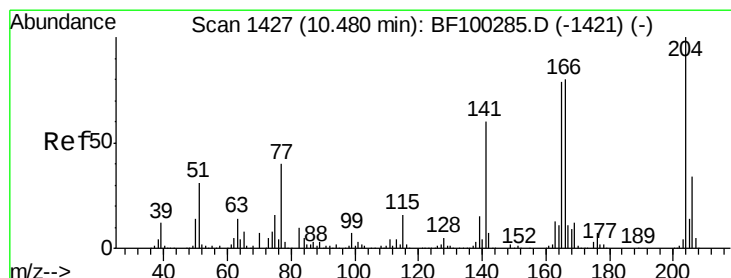
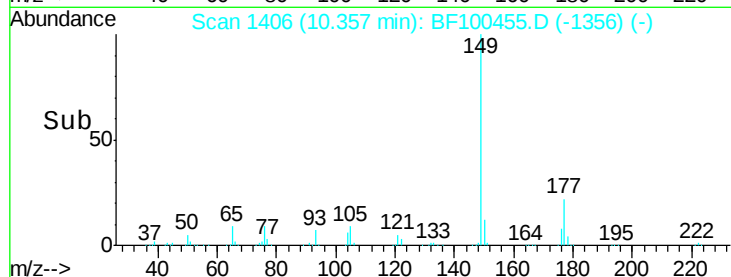
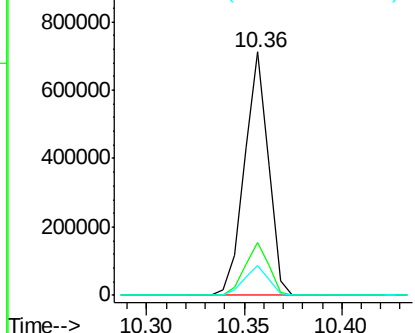
#59
Diethylphthalate
Concen: 42.90 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 599999
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.3 10.1 15.1

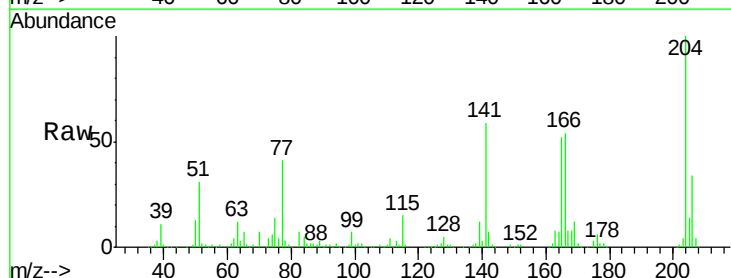


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

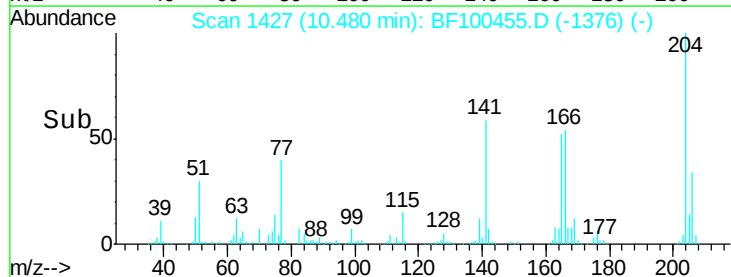
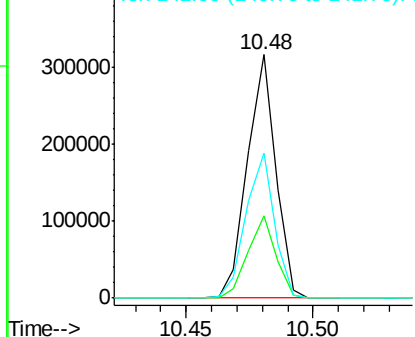


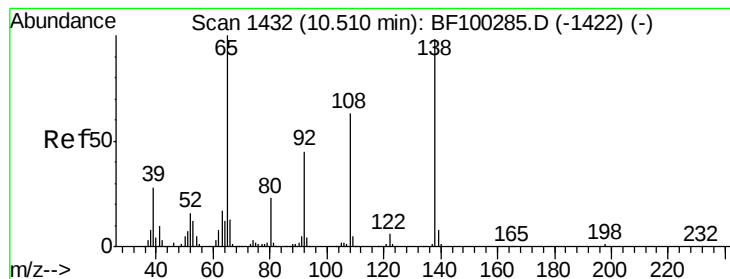
#60
4-Chlorophenyl-phenylether
Concen: 42.52 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion:204 Resp: 247939
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 59.4 54.6 81.8



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





#61

4-Nitroaniline

Concen: 44.57 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

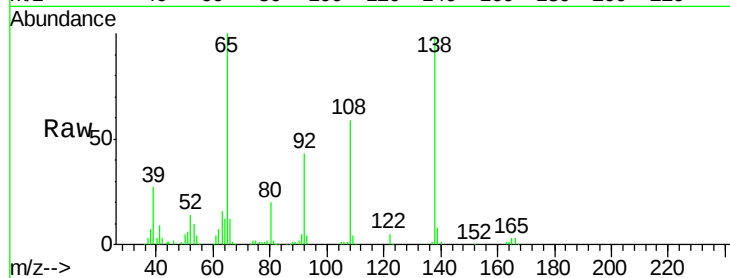
Tgt Ion:138 Resp: 138063

Ion Ratio Lower Upper

138 100

92 44.4 30.2 70.2

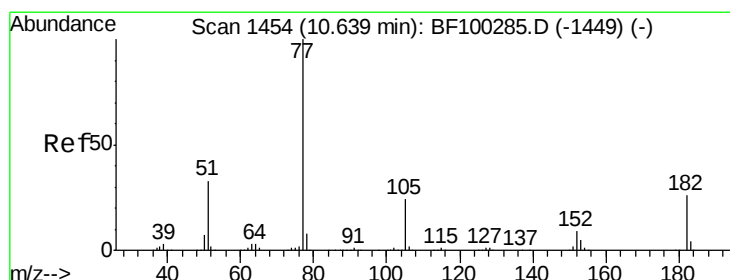
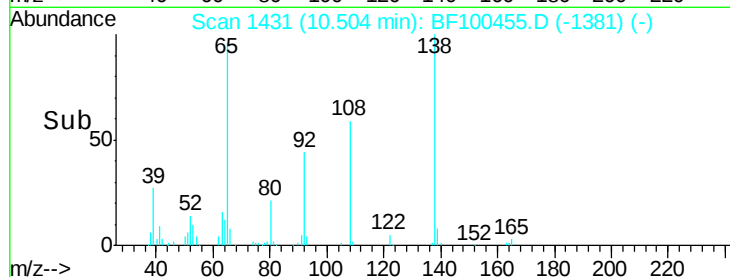
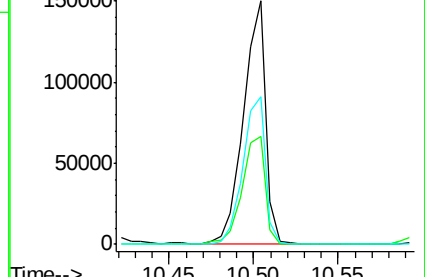
108 60.4 52.5 92.5



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



#62

Azobenzene

Concen: 37.57 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Tgt Ion: 77 Resp: 494900

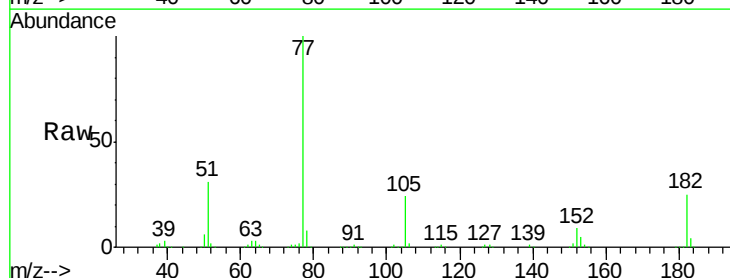
Ion Ratio Lower Upper

77 100

182 24.8 1.7 41.7

105 23.9 3.0 43.0

51 30.5 9.9 49.9

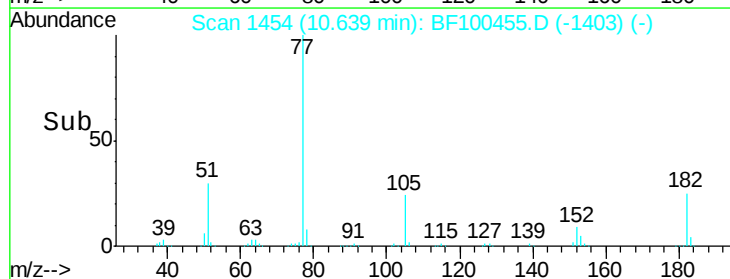
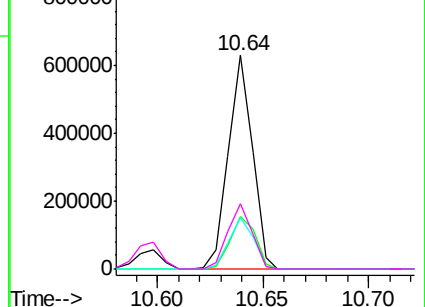


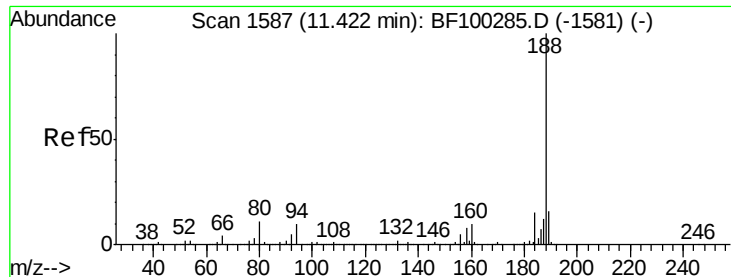
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

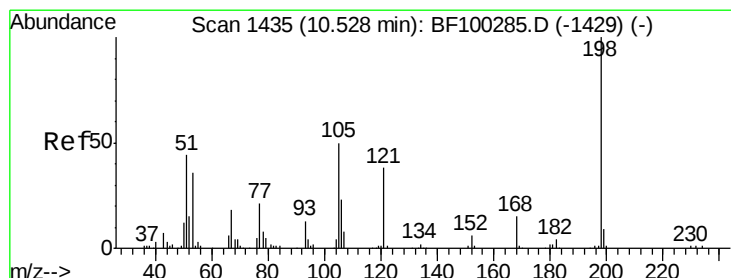
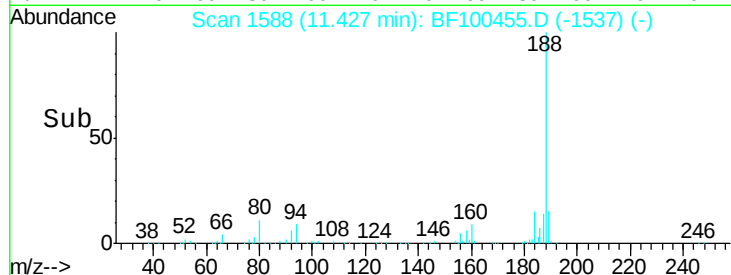
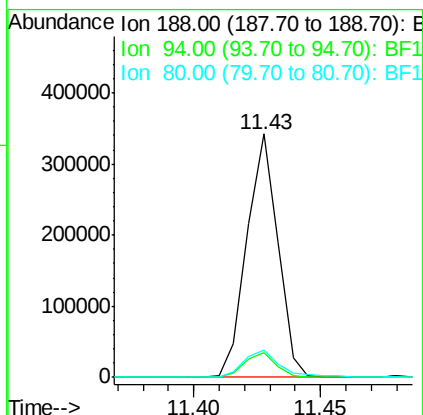
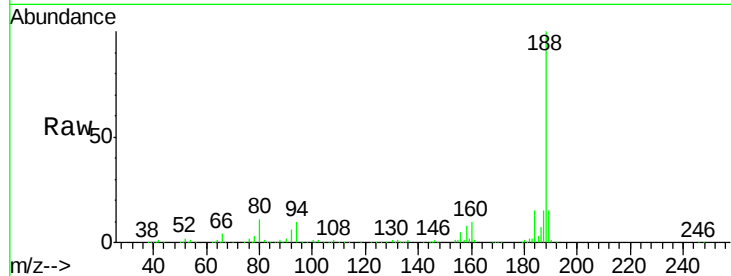




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

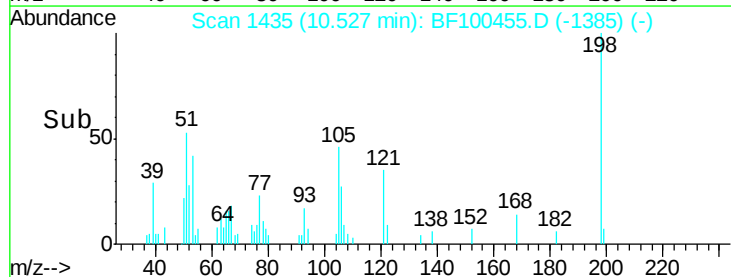
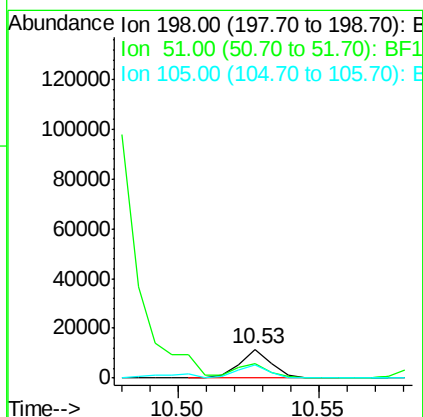
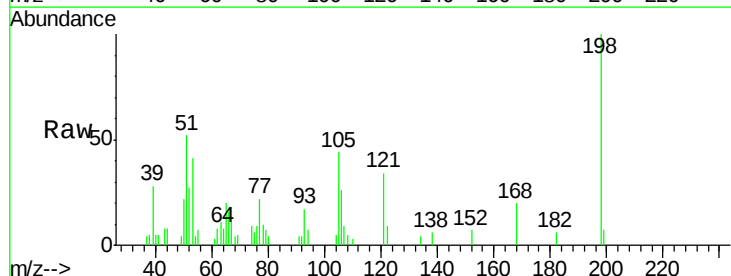
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

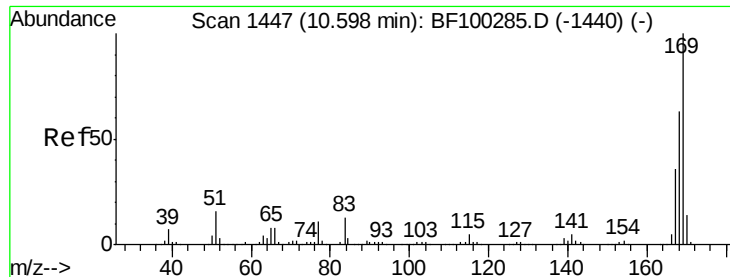
Tgt Ion:188 Resp: 292779
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.49 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:198 Resp: 8846
 Ion Ratio Lower Upper
 198 100
 51 51.7 37.7 77.7
 105 44.5 36.3 76.3

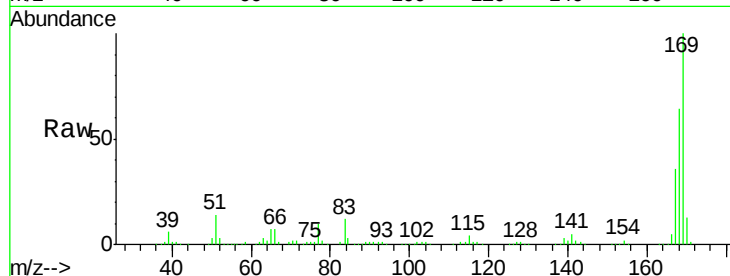




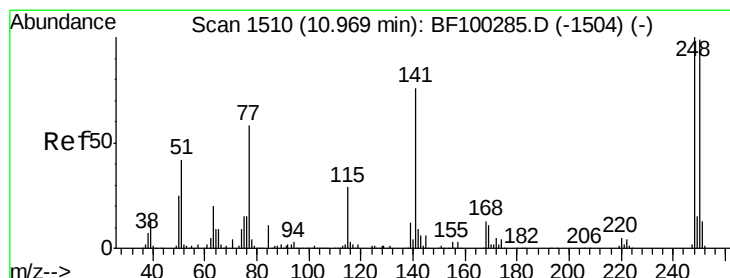
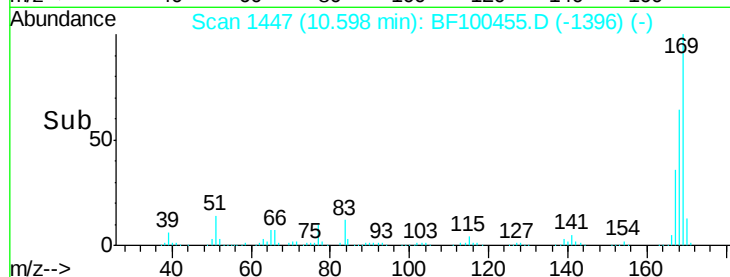
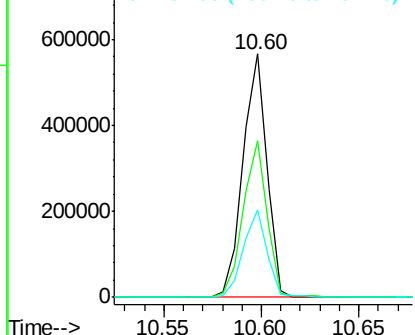
#65
 n-Nitrosodiphenylamine
 Concen: 47.21 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 480585
 Ion Ratio Lower Upper
 169 100
 168 64.2 54.4 81.6
 167 35.9 29.8 44.6

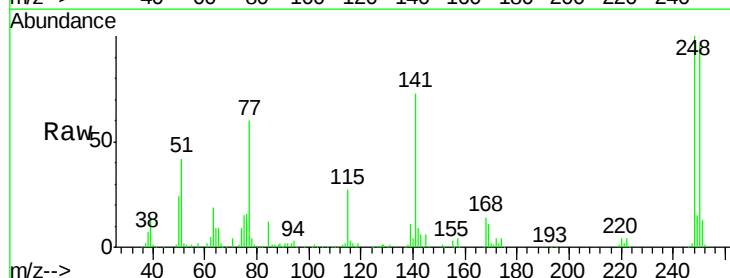


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

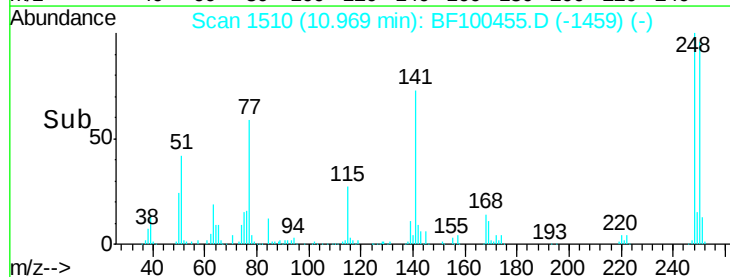
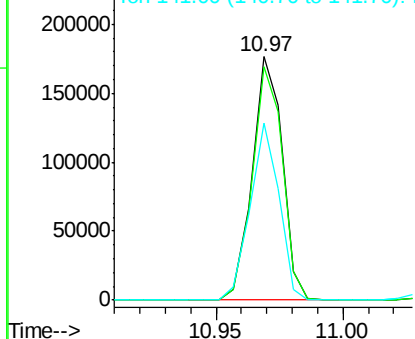


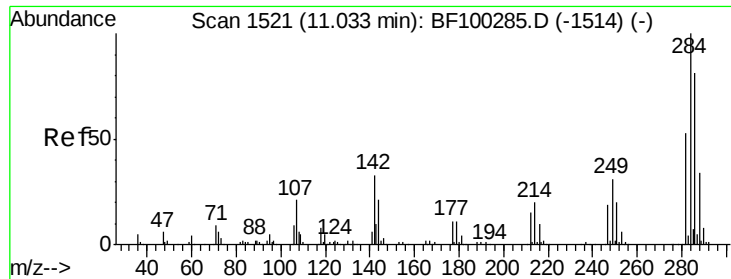
#66
 4-Bromophenyl-phenylether
 Concen: 46.56 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:248 Resp: 146118
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.9 115.3
 141 72.9 74.4 111.6#



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

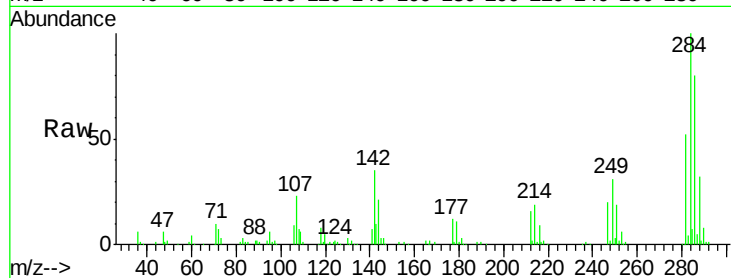




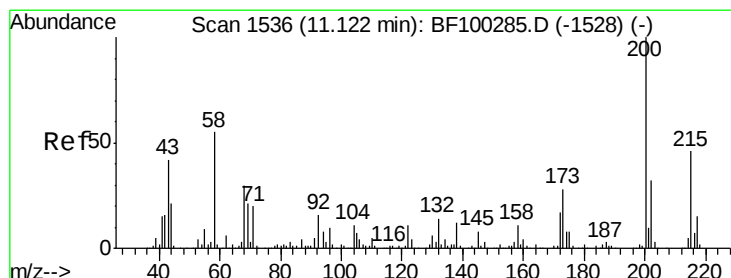
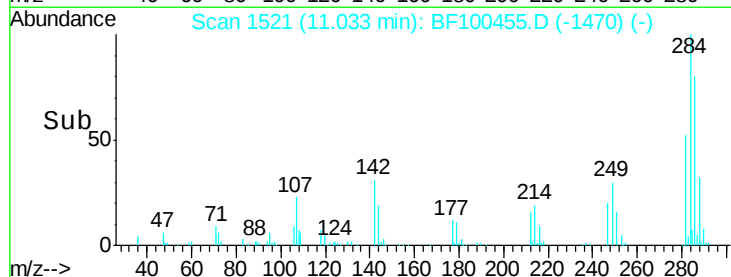
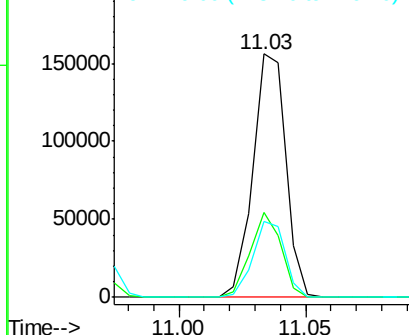
#67
Hexachlorobenzene
Concen: 43.23 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 141920
Ion Ratio Lower Upper
284 100
142 35.0 34.6 52.0
249 31.2 24.8 37.2

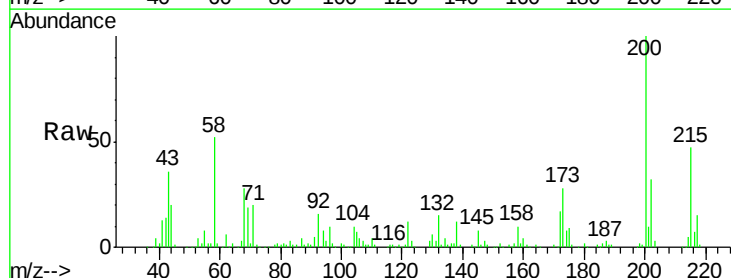


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

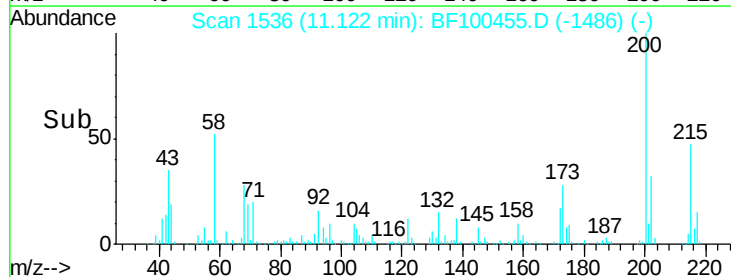
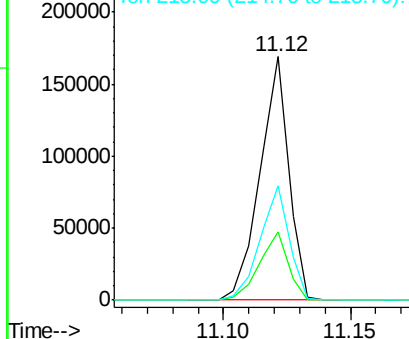


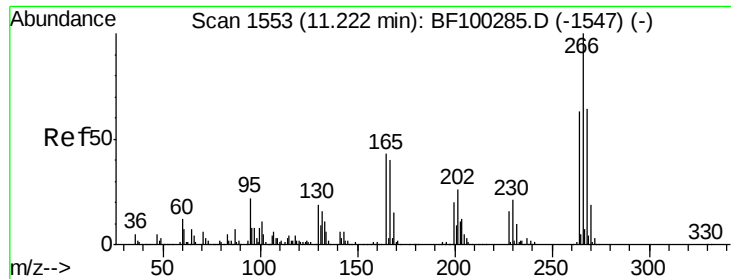
#68
Atrazine
Concen: 43.58 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion: 200 Resp: 134309
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 47.2 25.1 65.1



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

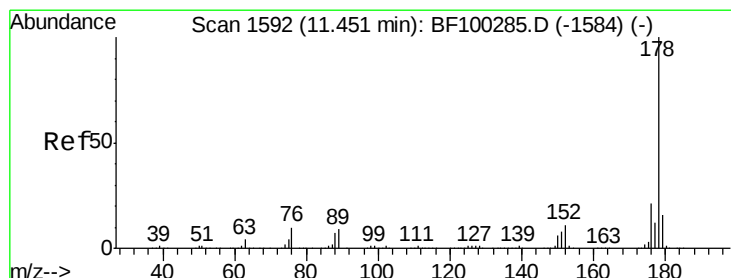
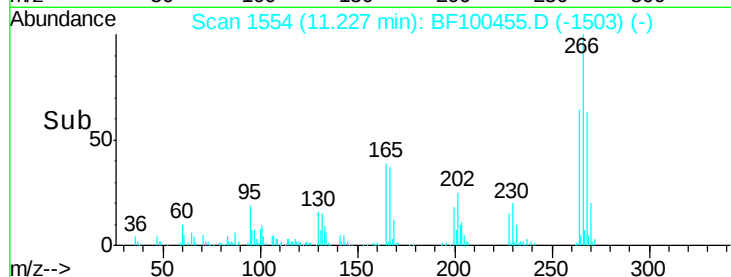
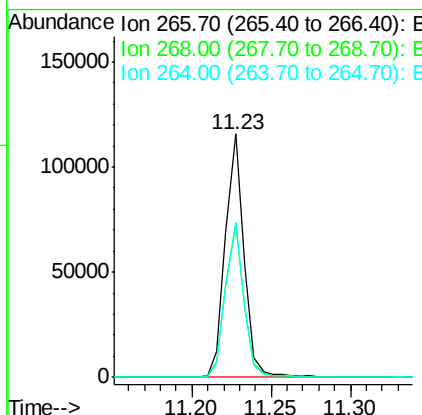
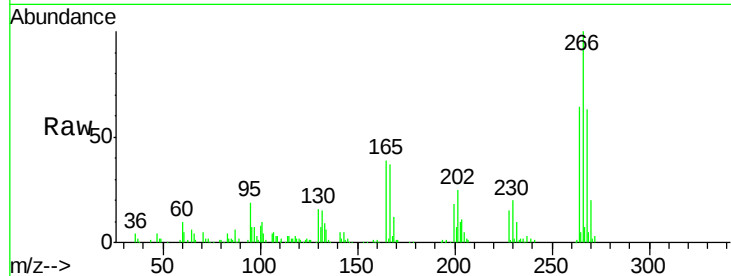




#69
 Pentachlorophenol
 Concen: 40.35 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

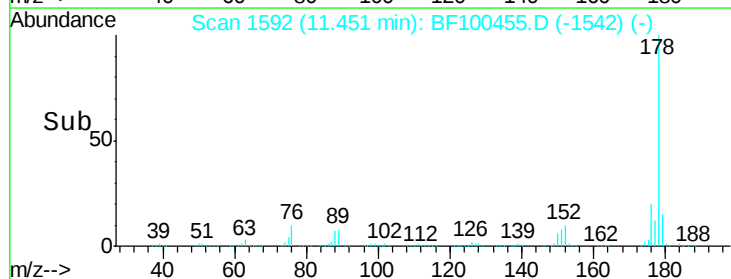
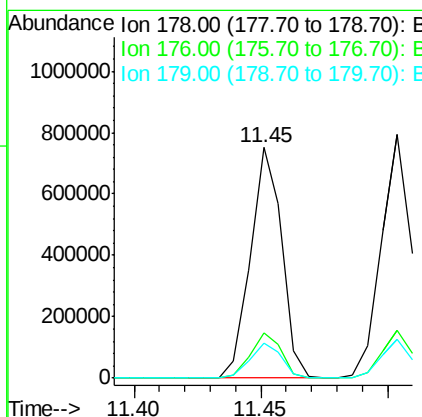
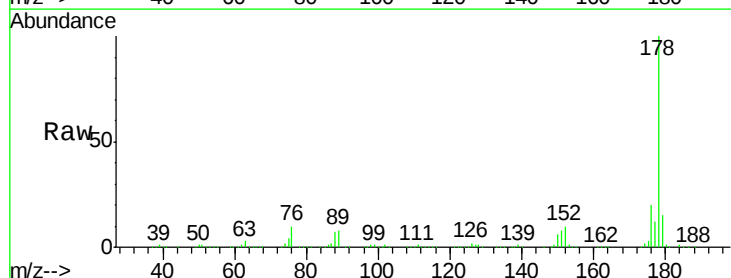
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

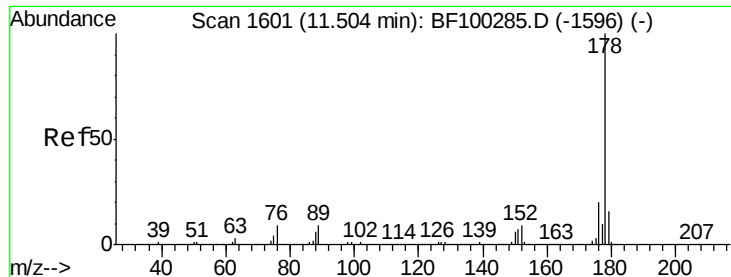
Tgt Ion:266 Resp: 94975
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 63.9 49.5 74.3



#70
 Phenanthrene
 Concen: 41.75 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:178 Resp: 643584
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.3 13.0 19.6

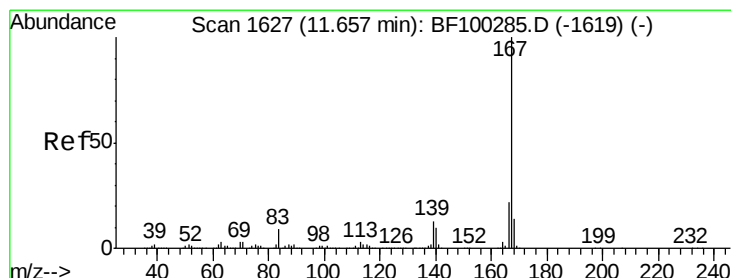
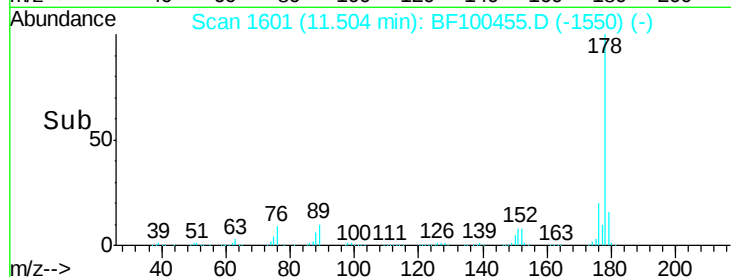
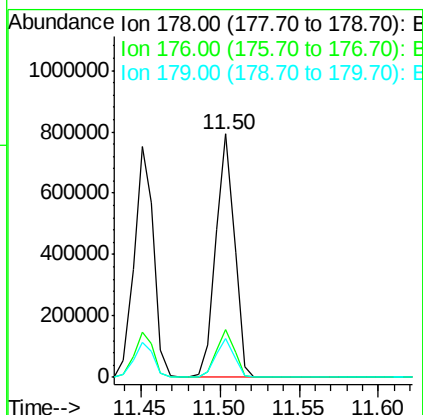
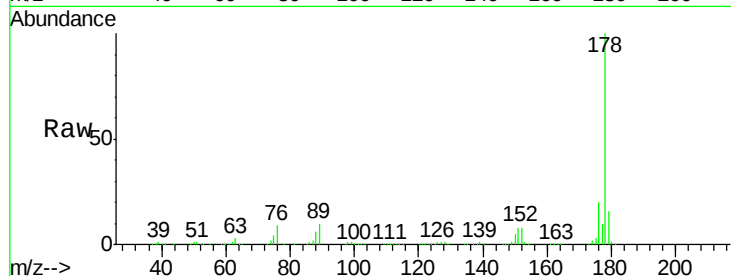




#71
 Anthracene
 Concen: 41.49 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

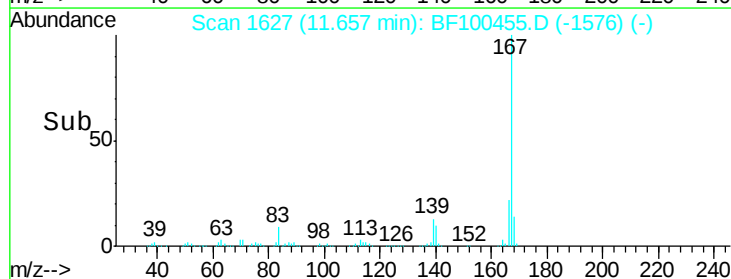
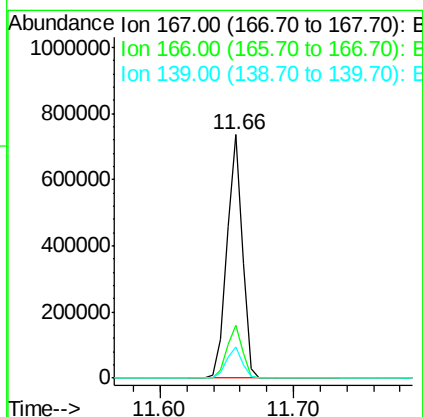
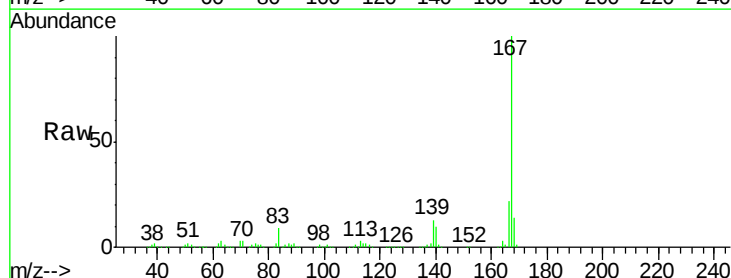
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

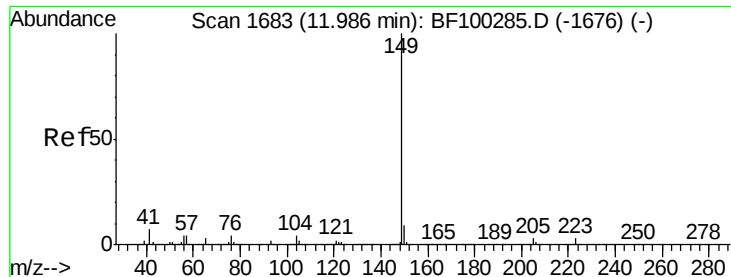
Tgt Ion:178 Resp: 648921
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 41.66 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:167 Resp: 601172
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.39 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

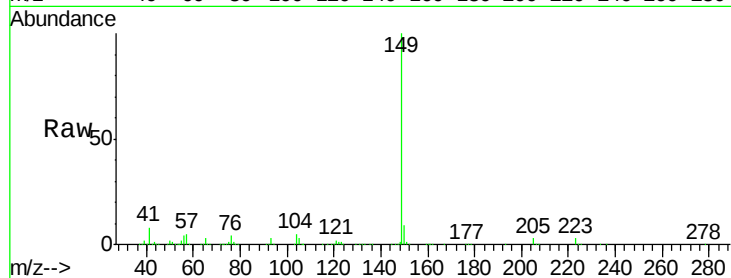
Tgt Ion:149 Resp: 783340

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

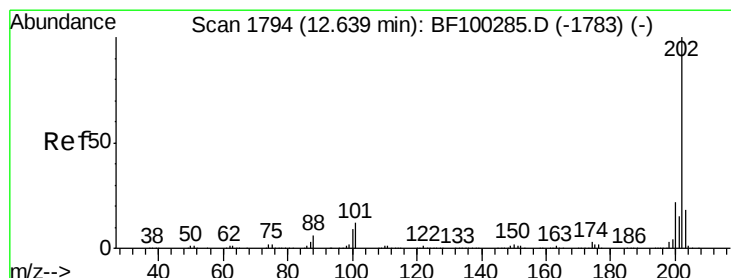
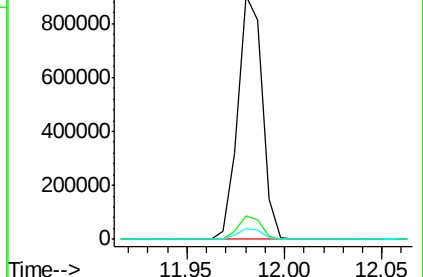
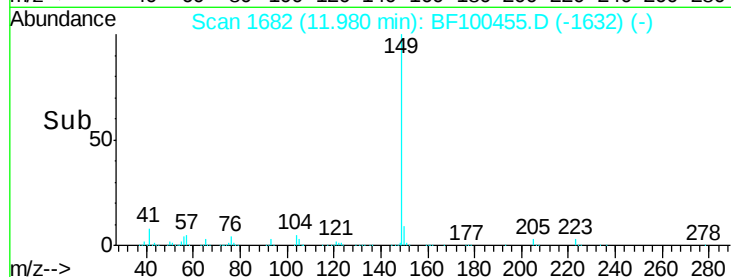
104 4.6 3.8 5.8



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



#74

Fluoranthene

Concen: 42.93 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

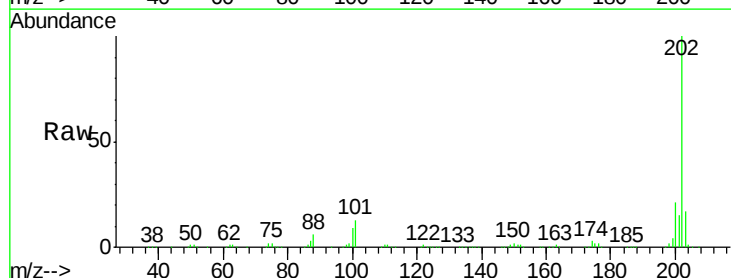
Tgt Ion:202 Resp: 701406

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

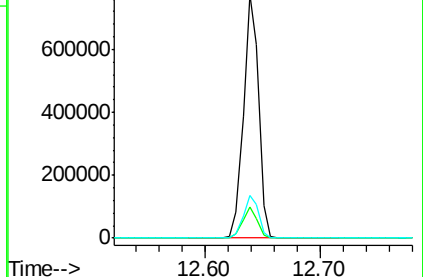
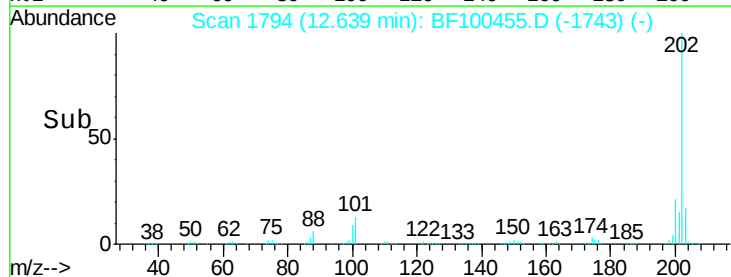
203 17.4 0.0 38.1

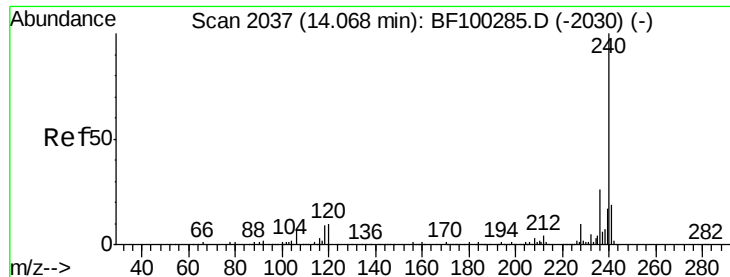


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

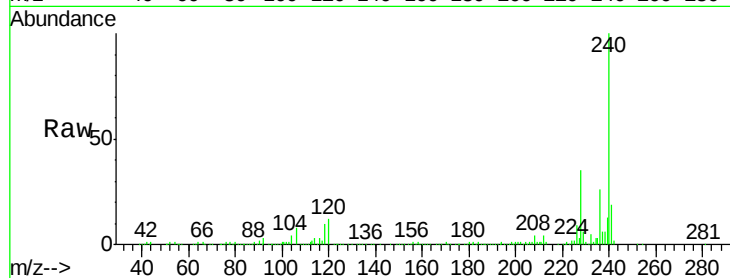
Tgt Ion:240 Resp: 269177

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

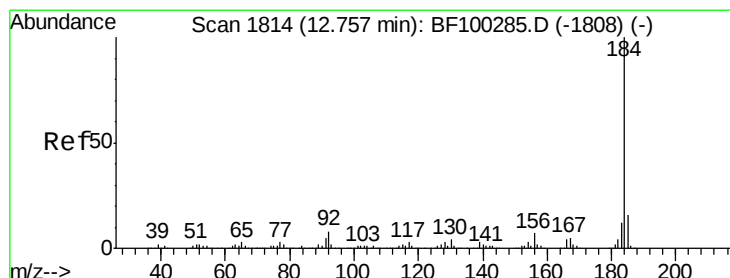
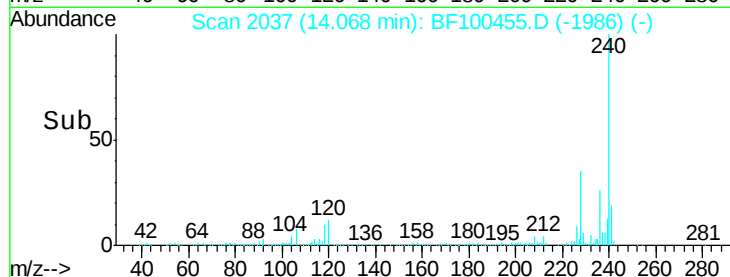
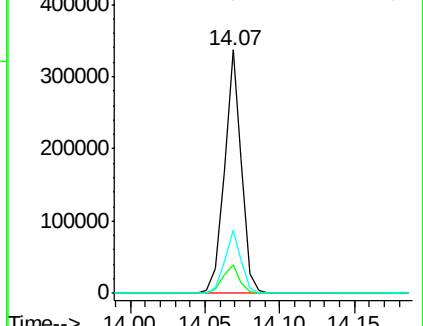
236 25.7 20.7 31.1



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



#76

Benzidine

Concen: 38.93 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

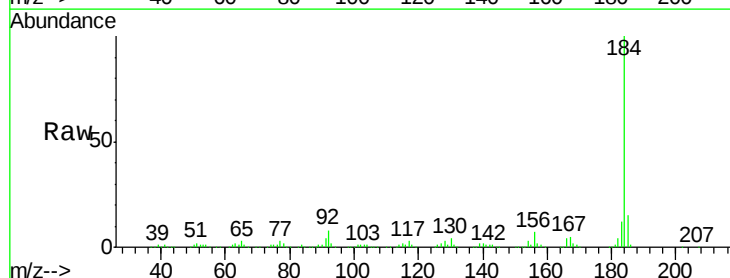
Tgt Ion:184 Resp: 419647

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

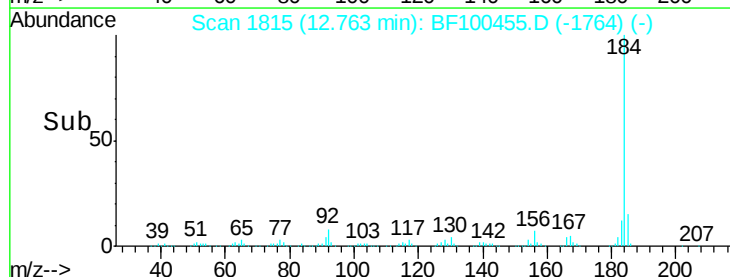
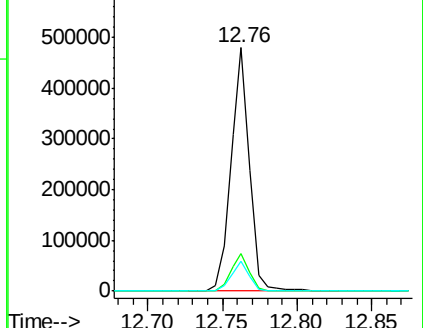
183 12.2 9.3 13.9

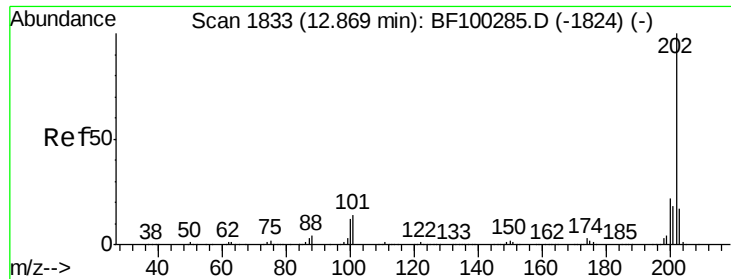


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

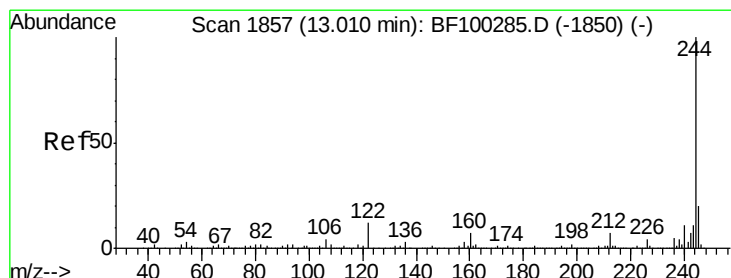
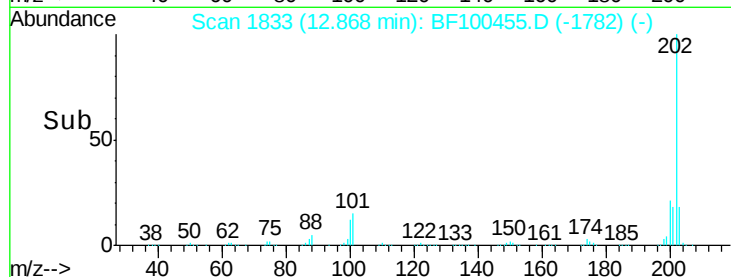
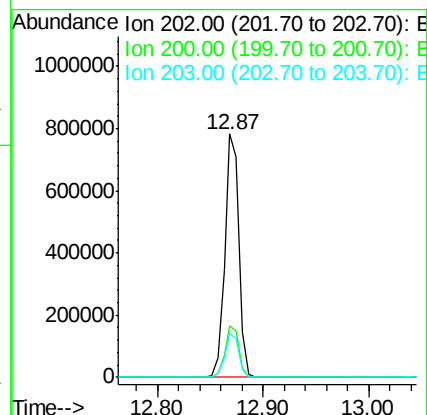
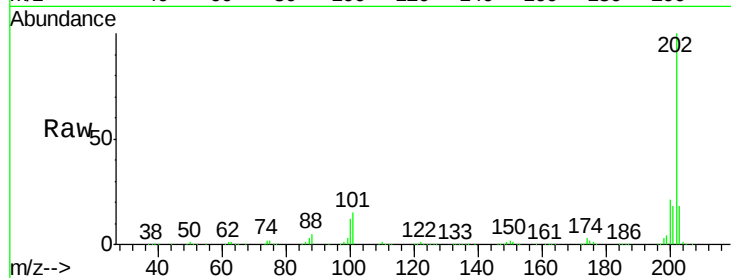




#77
 Pyrene
 Concen: 38.03 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

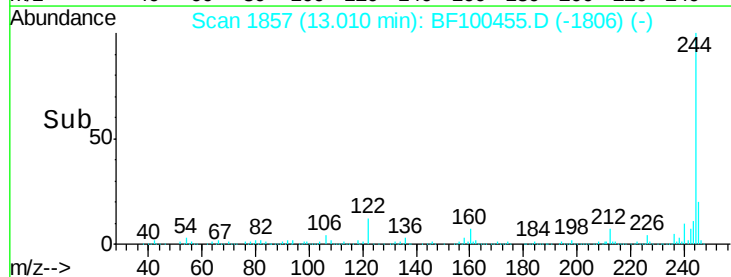
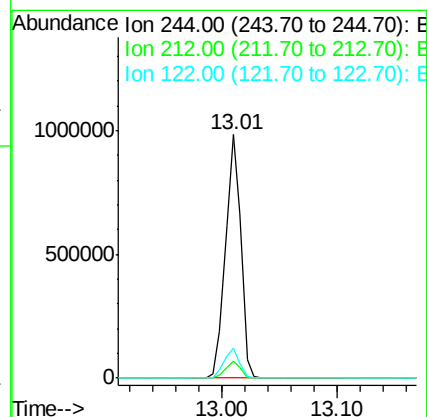
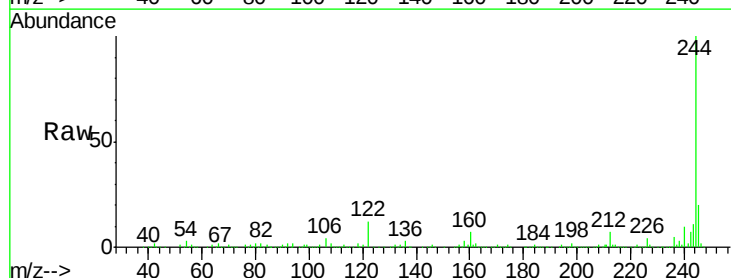
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

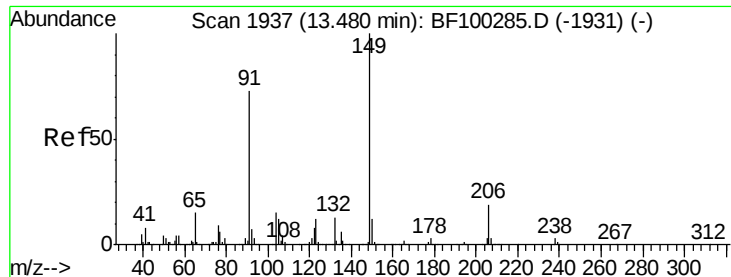
Tgt Ion: 202 Resp: 729775
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 17.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 76.88 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion: 244 Resp: 900706
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.1 11.0 16.4

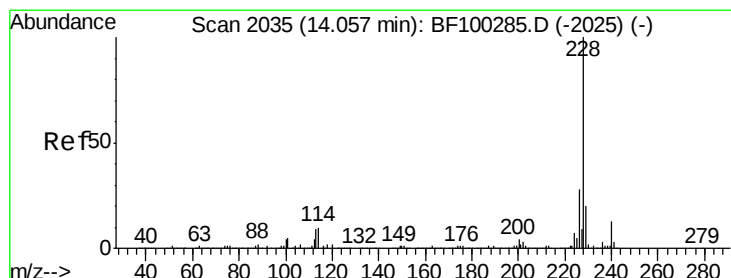
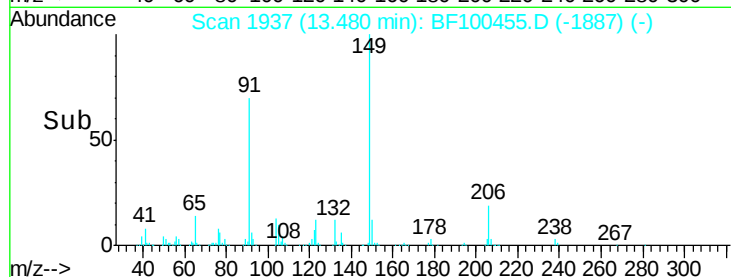
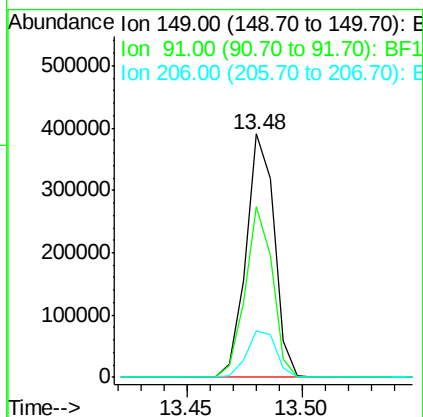
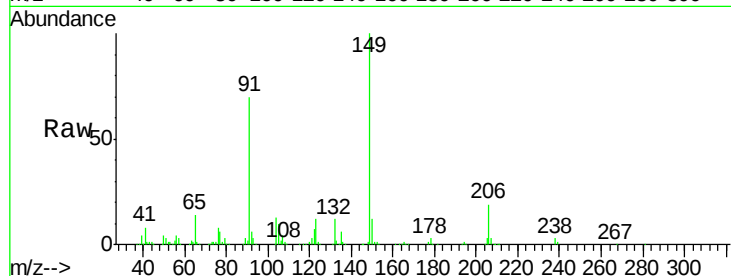




#79
Butylbenzylphthalate
Concen: 42.70 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

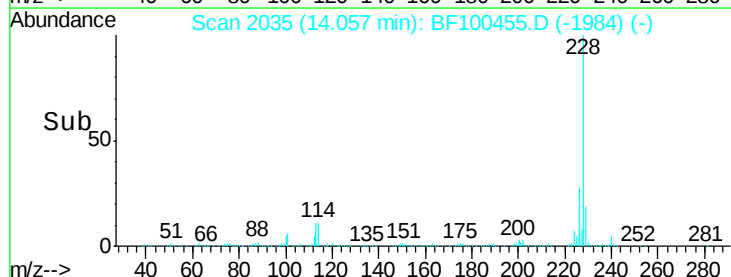
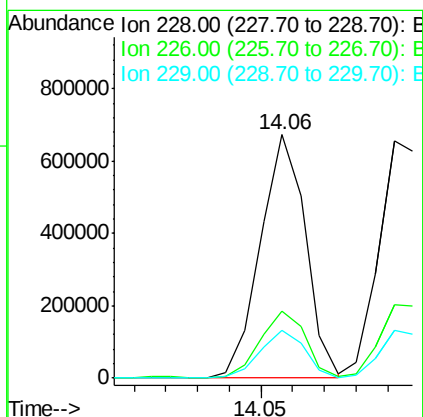
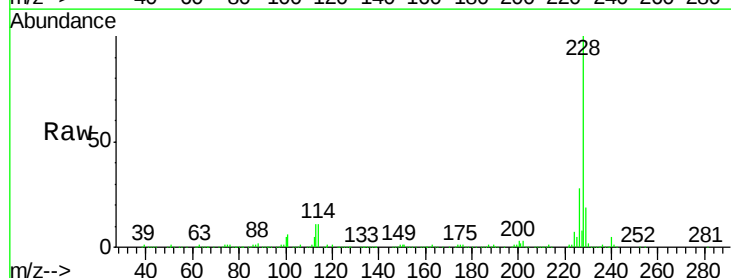
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

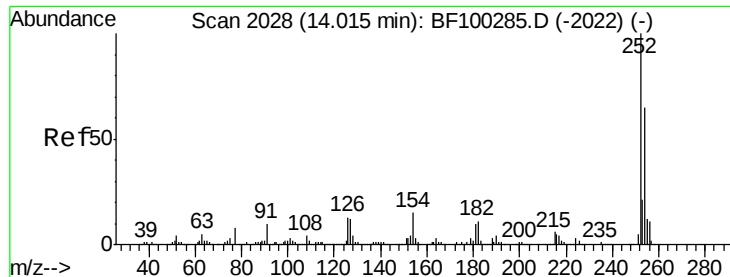
Tgt Ion:149 Resp: 334159
Ion Ratio Lower Upper
149 100
91 70.1 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.15 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion:228 Resp: 667069
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.5 15.8 23.6

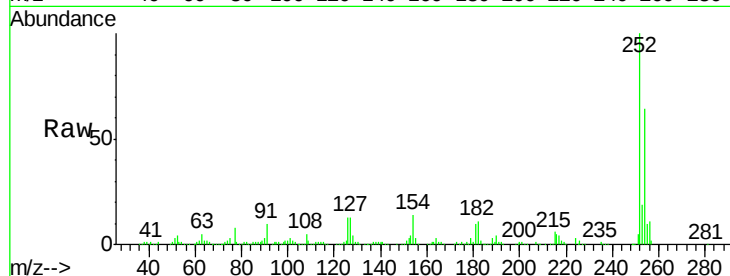




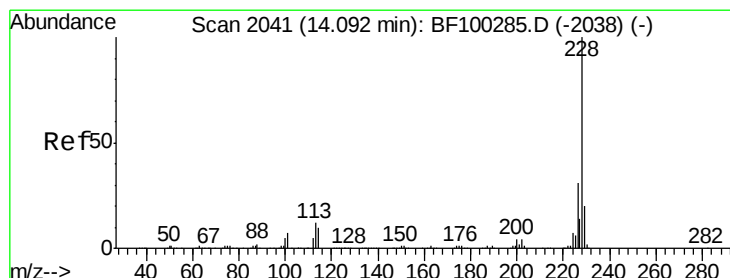
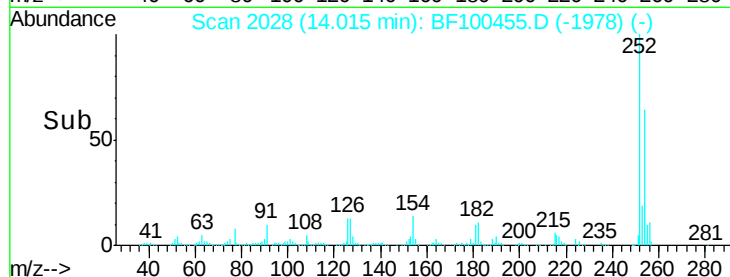
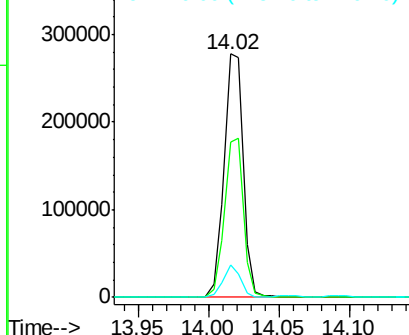
#81
 3,3'-Dichlorobenzidine
 Concen: 45.42 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 263810
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 13.2 11.3 16.9

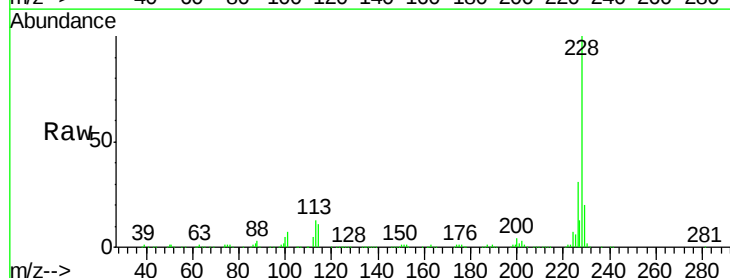


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

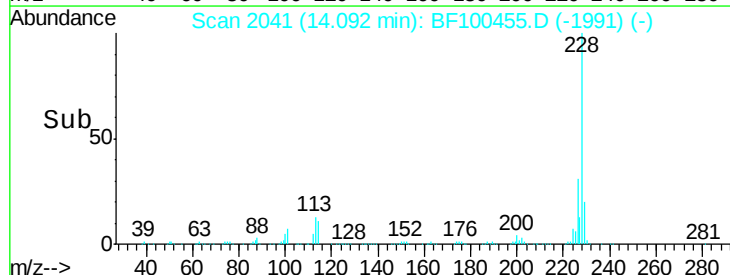
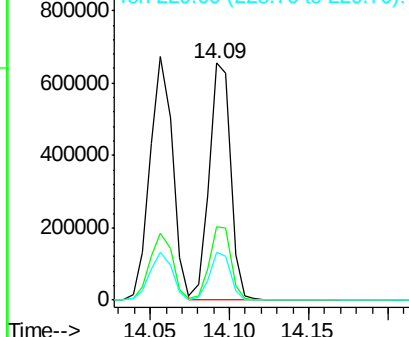


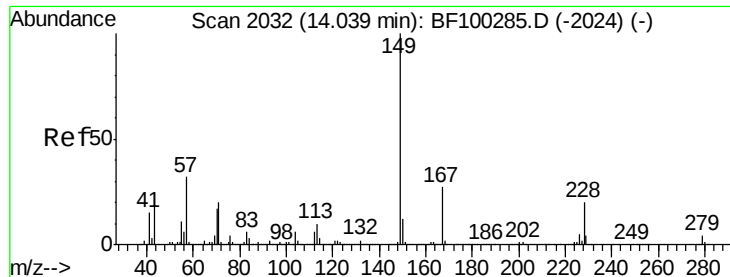
#82
 Chrysene
 Concen: 39.59 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion:228 Resp: 621370
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.9 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.08 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

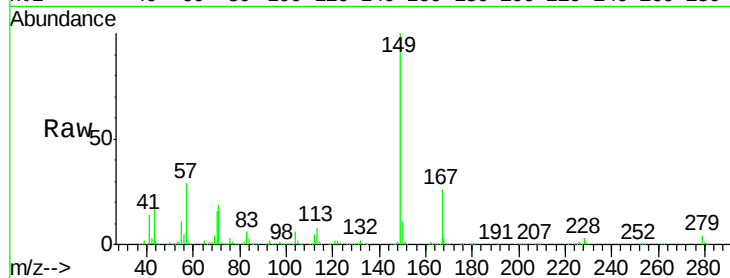
Tgt Ion:149 Resp: 474289

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

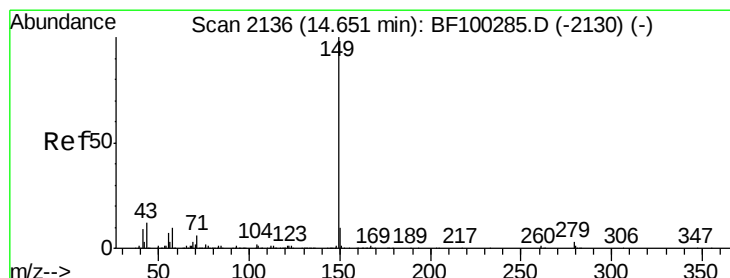
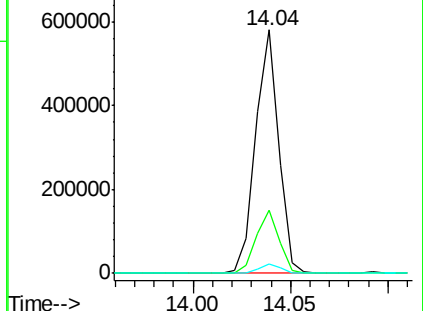
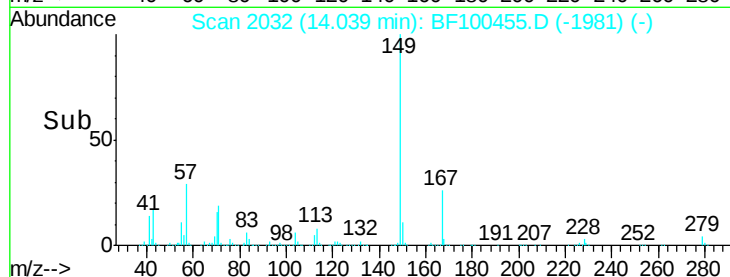
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.09 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF100455.D

Acq: 11 Nov 2017 23:04

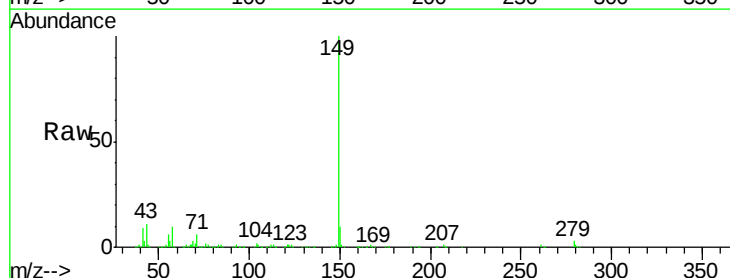
Tgt Ion:149 Resp: 832517

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

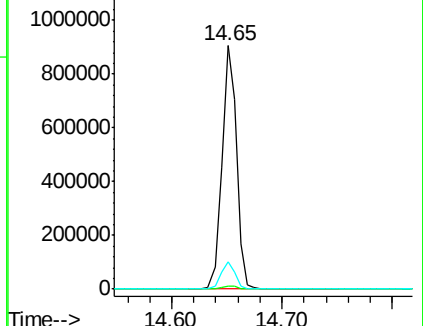
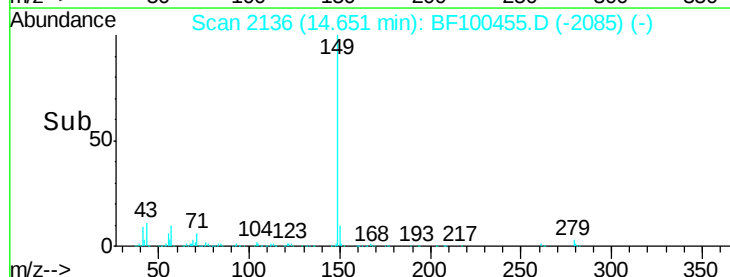
43 10.7 8.4 12.6

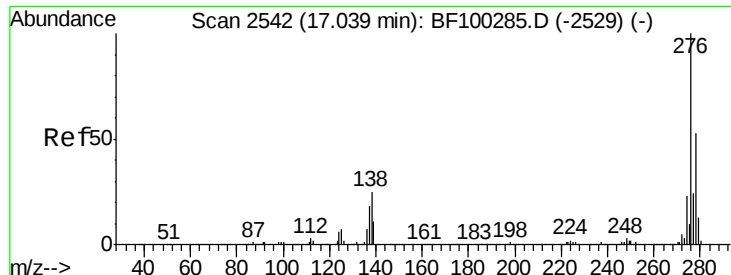


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

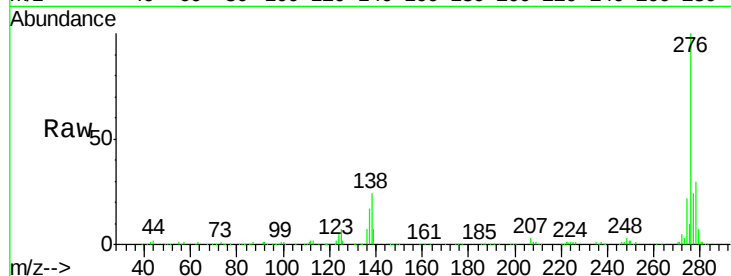




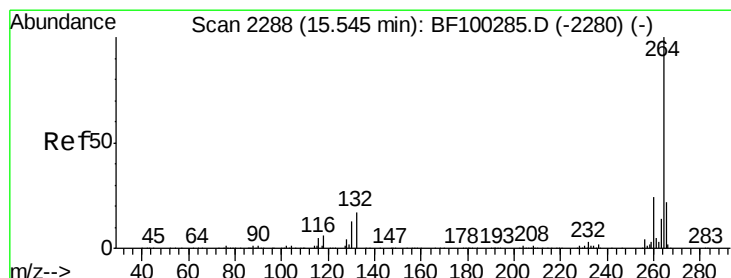
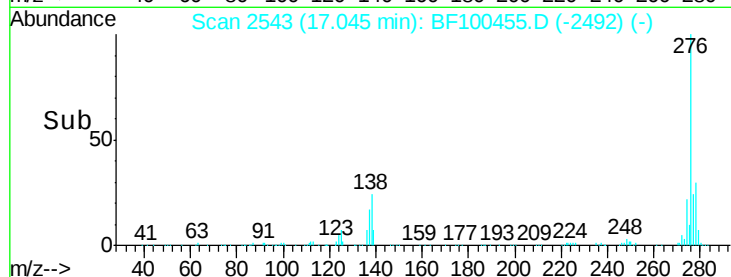
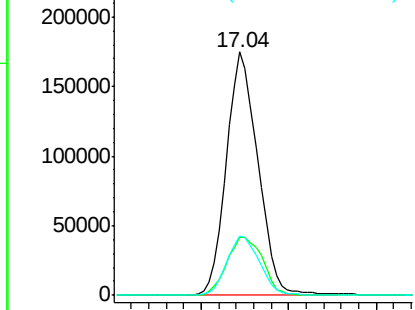
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.89 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 430292
 Ion Ratio Lower Upper
 276 100
 138 27.2 25.0 37.6
 277 25.4 20.1 30.1

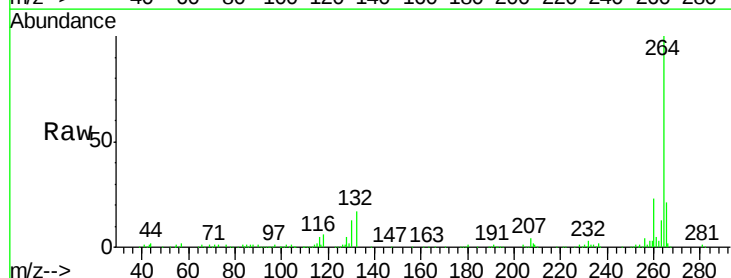


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

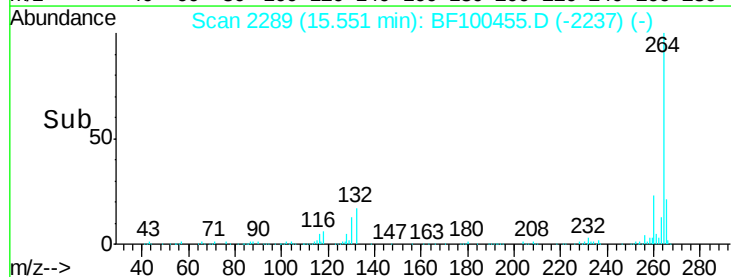
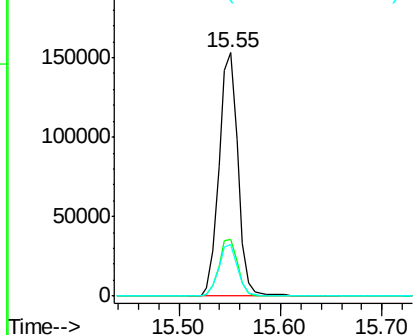


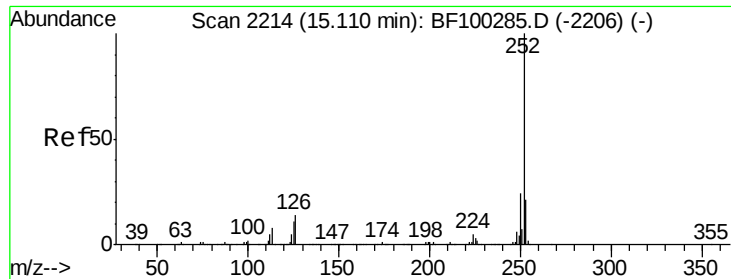
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Tgt Ion: 264 Resp: 198183
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

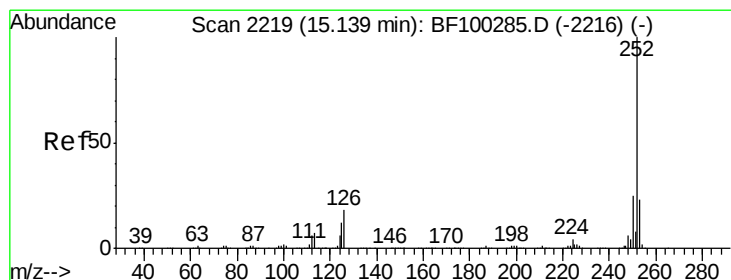
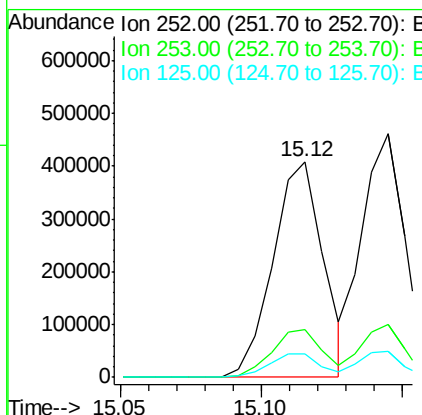
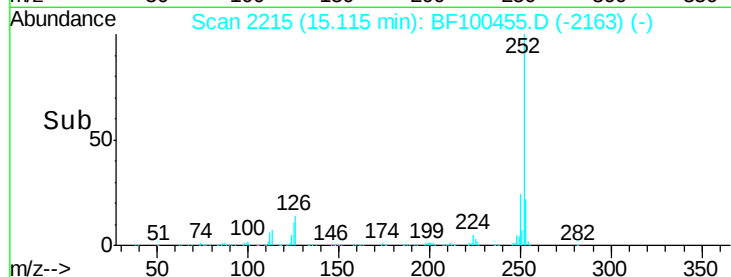
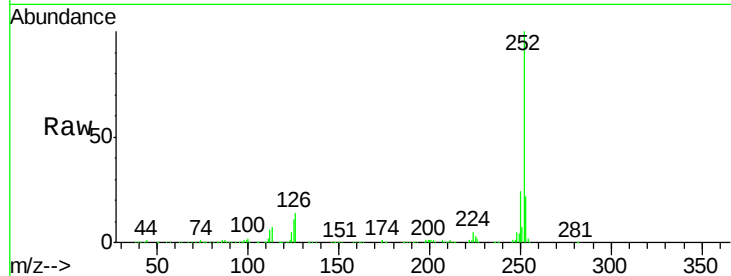




#87
Benzo(b)fluoranthene
Concen: 43.00 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

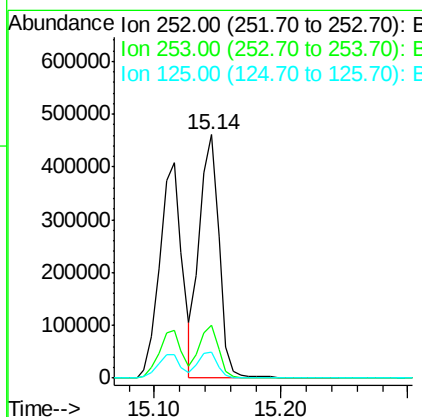
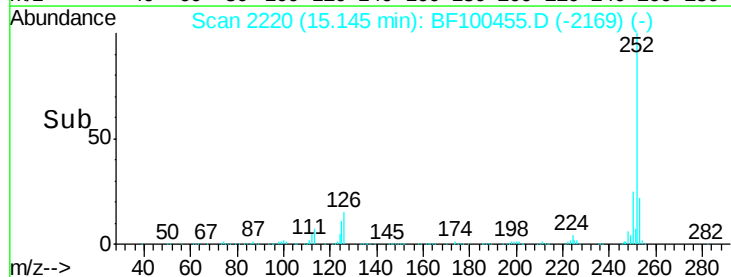
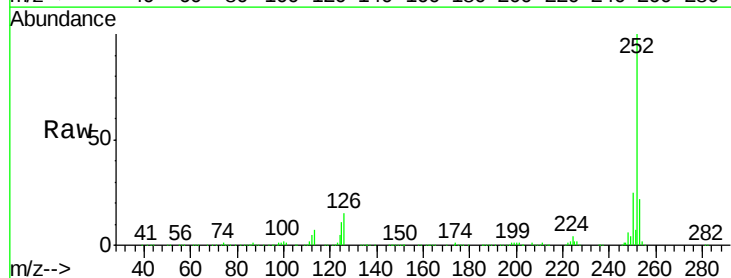
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

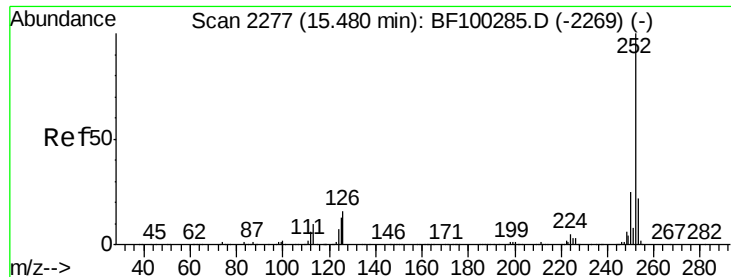
Tgt Ion:252 Resp: 504923
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.69 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion:252 Resp: 495806
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.9 10.2 15.2

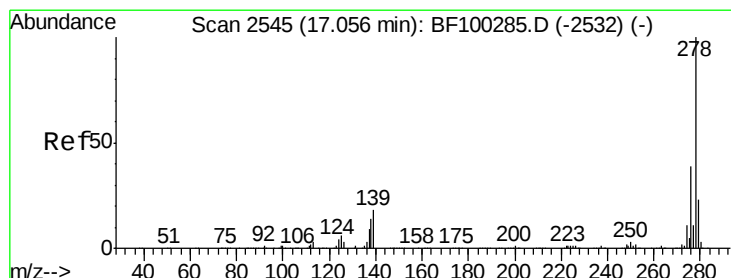
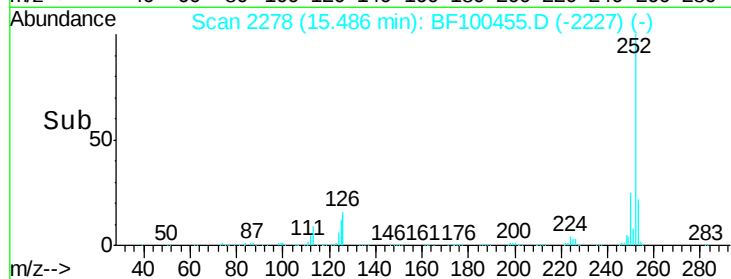
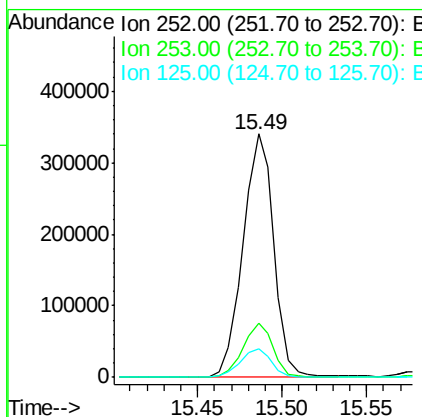
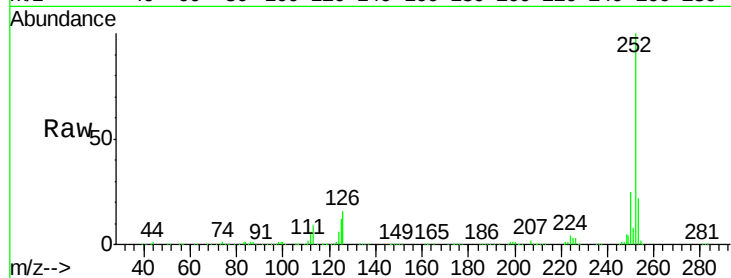




#89
Benzo(a)pyrene
Concen: 41.54 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

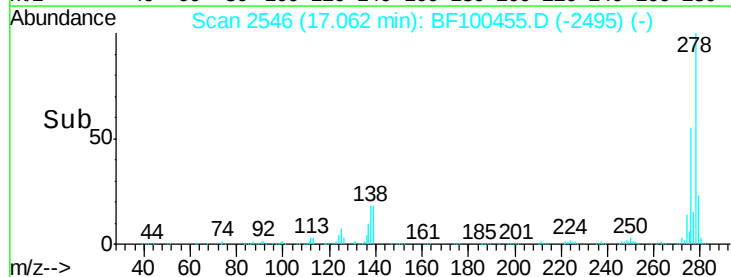
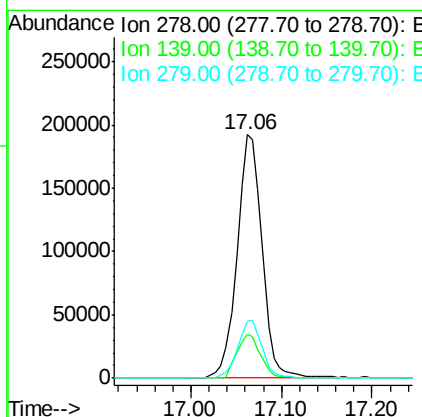
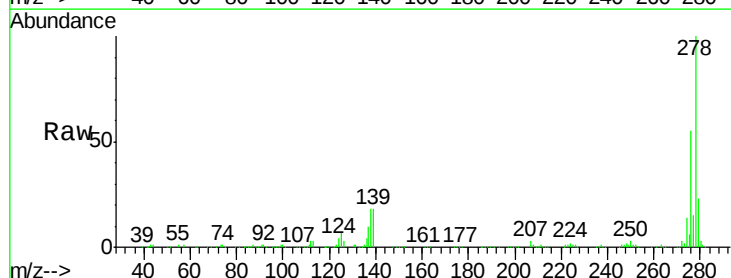
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

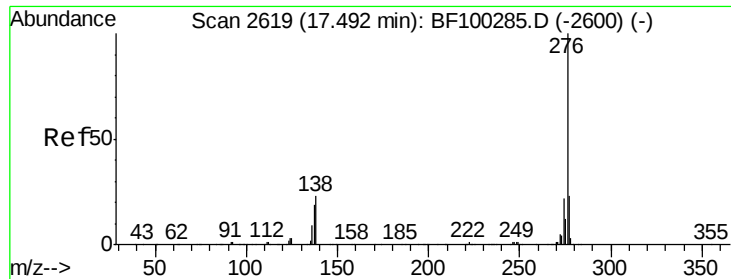
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.45 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF100455.D
Acq: 11 Nov 2017 23:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	23.2	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 42.55 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BF100455.D
 Acq: 11 Nov 2017 23:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.0	21.8	32.8

