

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086100.D
 Acq On : 6 Apr 2016 15:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 07 01:08:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	336586	20.00	ng	0.13
21) Naphthalene-d8	8.03	136	464837	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	204667	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	395222	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	280303	20.00	ng	-0.02
86) Perylene-d12	15.30	264	213952	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	565322	28.71	ng	-0.03
7) Phenol-d6	6.40	99	708563	28.33	ng	-0.02
23) Nitrobenzene-d5	7.32	82	663772	84.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	162406	84.54	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	973671	79.10	ng	-0.03
78) Terphenyl-d14	12.84	244	1043420	87.50	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	128009	13.71	ng	98
3) Pyridine	2.94	79	337162	16.13	ng	99
4) n-Nitrosodimethylamine	2.90	42	134516	14.64	ng	99
6) Aniline	6.49	93	332723	10.14	ng	# 56
8) 2-Chlorophenol	6.53	128	312384	13.30	ng	93
9) Benzaldehyde	6.29	77	182039	13.53	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	332723	14.73	ng	96
12) 1,3-Dichlorobenzene	6.91	146	308195	12.38	ng	# 89
13) 1,4-Dichlorobenzene	6.91	146	308195	12.02	ng	98
14) 1,2-Dichlorobenzene	6.91	146	308195	13.06	ng	95
15) Benzyl Alcohol	6.90	79	213755	13.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	373959	13.55	ng	74
17) 2-Methylphenol	7.01	107	248546	13.42	ng	98
18) Hexachloroethane	7.25	117	130206	13.81	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	201519	13.00	ng	96
20) 3+4-Methylphenols	7.17	107	313380	13.92	ng	# 69
22) Acetophenone	7.16	105	425120	38.90	ng	# 93
24) Nitrobenzene	7.33	77	321184	37.25	ng	99
25) Isophorone	7.57	82	604225	38.83	ng	99
26) 2-Nitrophenol	7.65	139	177449	43.01	ng	98
27) 2,4-Dimethylphenol	7.70	122	305206	41.19	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	383191	41.97	ng	100
29) 2,4-Dichlorophenol	7.89	162	244699	39.06	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	268714	38.21	ng	98
31) Naphthalene	8.05	128	919534	39.33	ng	100
32) Benzoic acid	7.85	122	213437	39.26	ng	99
33) 4-Chloroaniline	8.11	127	374243	39.62	ng	97
34) Hexachlorobutadiene	8.17	225	142415	37.67	ng	99
35) Caprolactam	8.49	113	86171	43.36	ng	98
36) 4-Chloro-3-methylphenol	8.60	107	285393	40.52	ng	98
37) 2-Methylnaphthalene	8.74	142	551331	36.10	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	246309	40.04	ng	99
40) Hexachlorocyclopentadiene	8.90	237	65872	38.83	ng	98
42) 2,4,6-Trichlorophenol	9.02	196	166929	42.26	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	175261	43.70	ng	# 84
45) 1,1'-Biphenyl	9.21	154	702069	39.78	ng	97
46) 2-Chloronaphthalene	9.23	162	502621	39.29	ng	# 92
47) 2-Nitroaniline	9.33	65	154190	41.20	ng	89
48) Acenaphthylene	9.64	152	780745	38.10	ng	100
49) Dimethylphthalate	9.52	163	646383	42.61	ng	99
50) 2,6-Dinitrotoluene	9.58	165	143513	44.72	ng	# 62
51) Acenaphthene	9.81	154	464839	38.14	ng	99
52) 3-Nitroaniline	9.76	138	160946	41.61	ng	# 74
53) 2,4-Dinitrophenol	9.87	184	60681	38.64	ng	# 72
54) Dibenzofuran	9.98	168	613005	38.09	ng	96
55) 4-Nitrophenol	9.93	139	92674	40.64	ng	96
56) 2,4-Dinitrotoluene	9.98	165	158016	38.96	ng	# 46
57) Fluorene	10.33	166	508745	37.00	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	119645	40.07	ng	96
59) Diethylphthalate	10.21	149	659189	43.05	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	275840	43.07	ng	# 80
61) 4-Nitroaniline	10.36	138	145610	38.22	ng	91
62) Azobenzene	10.49	77	631606	43.07	ng	89
64) 4,6-Dinitro-2-methylphenol	10.40	198	96092	40.12	ng	90
65) n-Nitrosodiphenylamine	10.44	169	468442	37.90	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	150787	37.37	ng	# 83
67) Hexachlorobenzene	10.88	284	161114	38.61	ng	# 74
68) Atrazine	10.98	200	177741	44.51	ng	99
69) Pentachlorophenol	11.08	266	74967	38.34	ng	99
70) Phenanthrene	11.29	178	784130	36.37	ng	100
71) Anthracene	11.34	178	913724	40.46	ng	99
72) Carbazole	11.50	167	782175	40.29	ng	99
73) Di-n-butylphthalate	11.82	149	904242	37.59	ng	99
74) Fluoranthene	12.48	202	877893	39.15	ng	93
76) Benzidine	12.60	184	381854	38.61	ng	99
77) Pyrene	12.70	202	890144	45.06	ng	99
79) Butylbenzylphthalate	13.32	149	399614	44.93	ng	87
80) Benzo(a)anthracene	13.89	228	657725	39.81	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	504531	41.81	ng	# 95
82) Chrysene	13.93	228	637884	40.08	ng	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	479855	40.65	ng	# 96
84) Di-n-octyl phthalate	14.49	149	741615	39.34	ng	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	532936	41.27	ng	99
87) Benzo(b)fluoranthene	14.93	252	1048025	77.87	ng	# 97
88) Benzo(k)fluoranthene	14.93	252	1048038	87.94	ng	99
89) Benzo(a)pyrene	15.24	252	486199	40.77	ng	99
90) Dibenzo(a,h)anthracene	16.65	278	448491	46.75	ng	99
91) Benzo(g,h,i)perylene	17.05	276	447433	48.19	ng	95

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

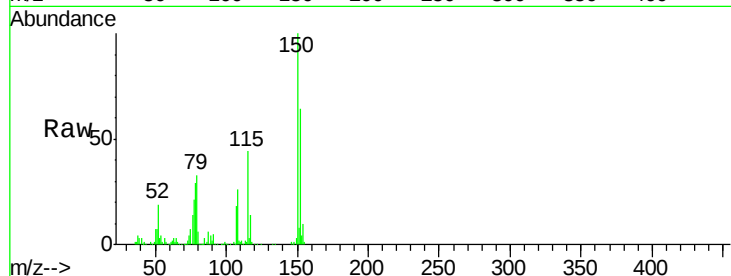


#1

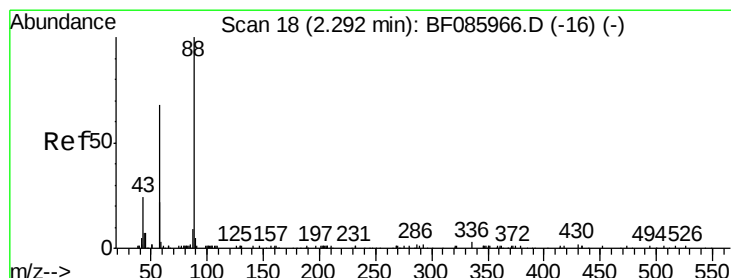
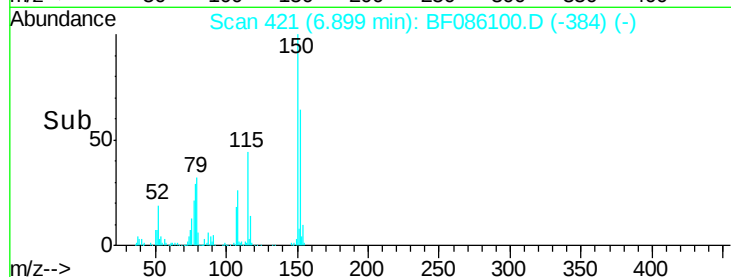
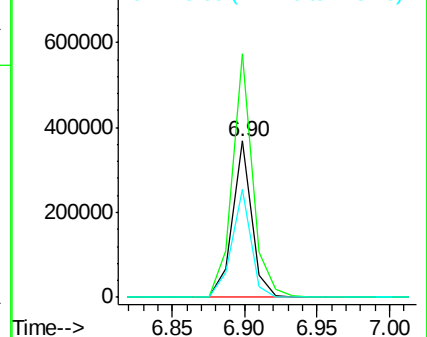
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.13 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

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ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	69.0	47.0	70.6



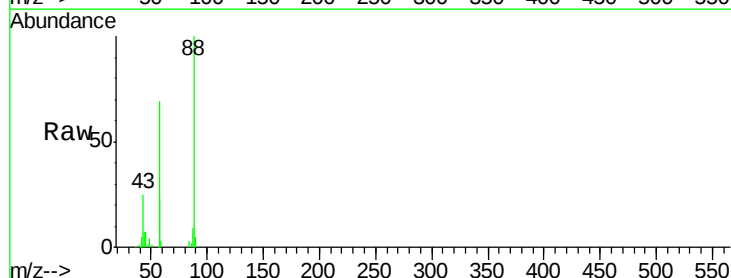
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



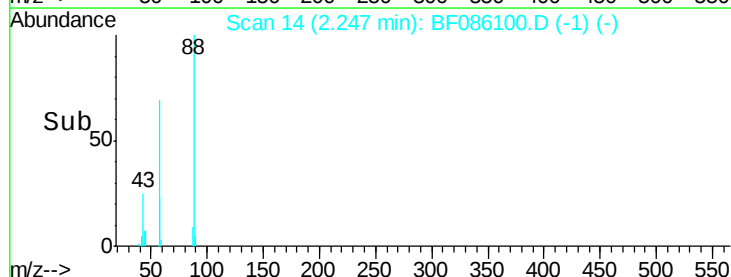
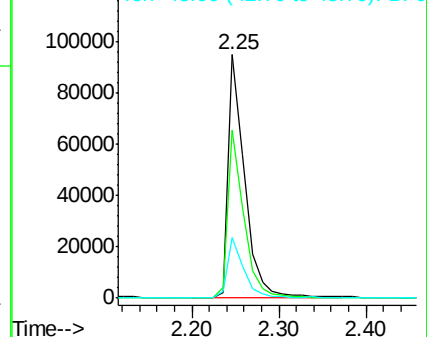
#2

1,4-Dioxane
Concen: 13.71 ng
RT: 2.25 min Scan# 14
Delta R.T. -0.05 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	54.2	81.2
43	25.1	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 16.13 ng

RT: 2.94 min Scan# 75

Delta R.T. -0.06 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

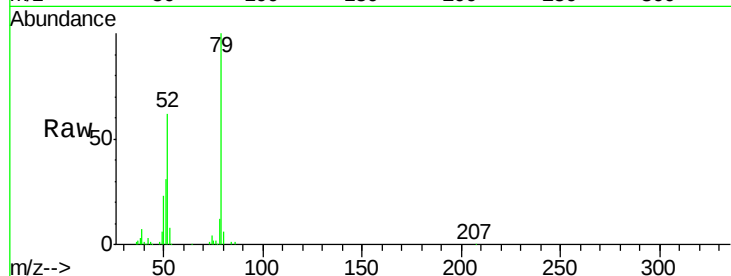
Tgt Ion: 79 Resp: 337162

Ion Ratio Lower Upper

79 100

52 61.6 49.8 74.6

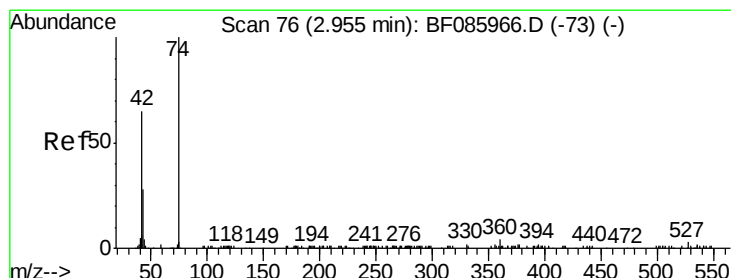
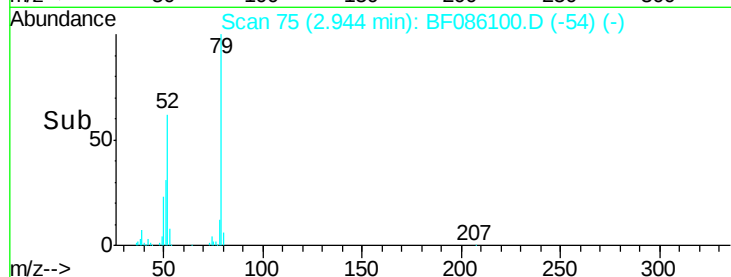
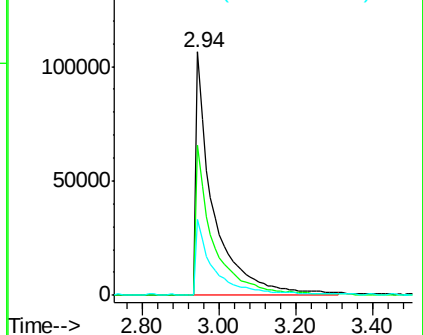
51 31.4 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 14.64 ng

RT: 2.90 min Scan# 71

Delta R.T. -0.06 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

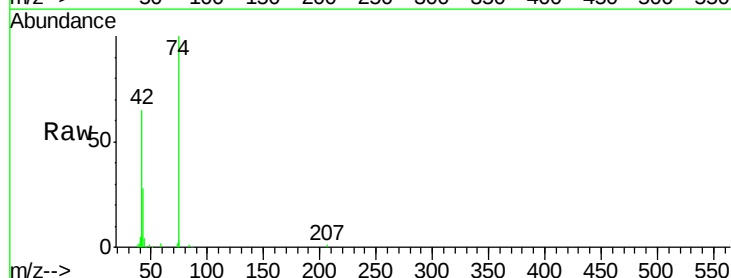
Tgt Ion: 42 Resp: 134516

Ion Ratio Lower Upper

42 100

74 152.9 121.4 182.2

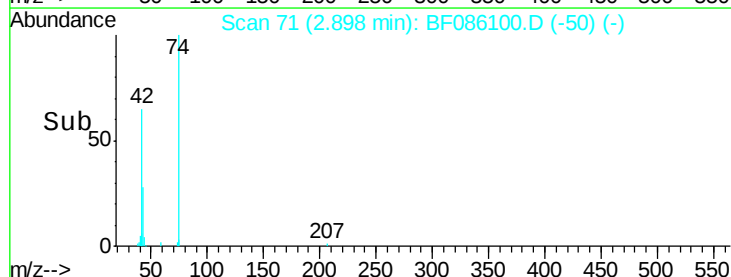
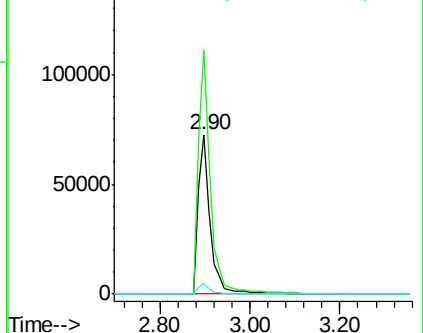
44 6.7 5.6 8.4

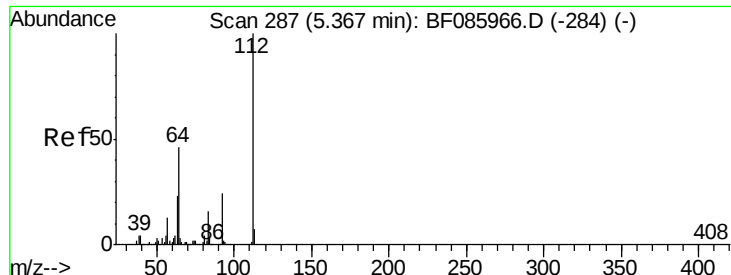


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 28.71 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

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SSTDCCC040

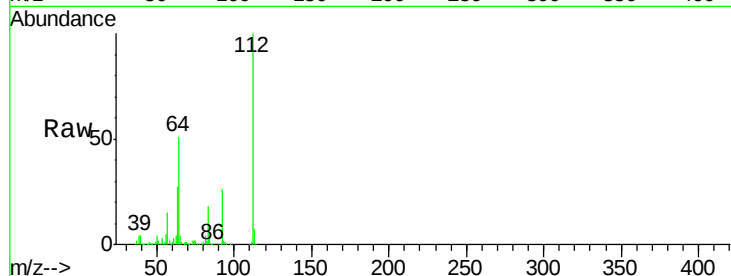
Tgt Ion: 112 Resp: 565322

Ion Ratio Lower Upper

112 100

64 51.2 39.9 59.9

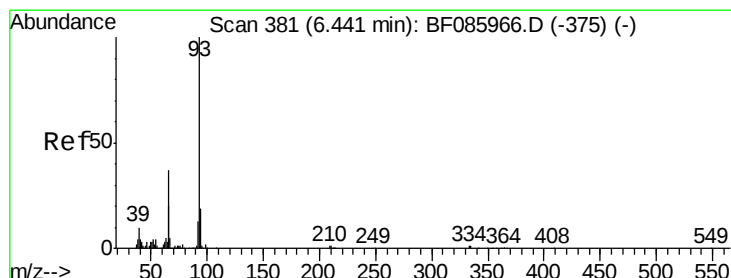
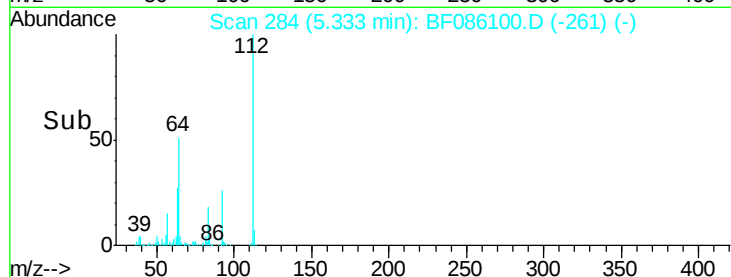
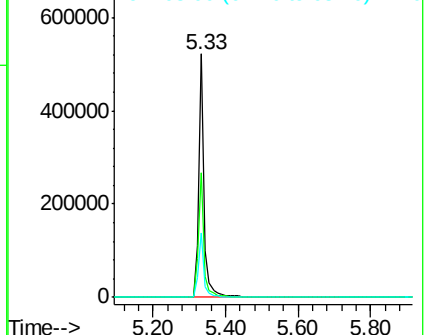
63 26.5 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.14 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.05 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

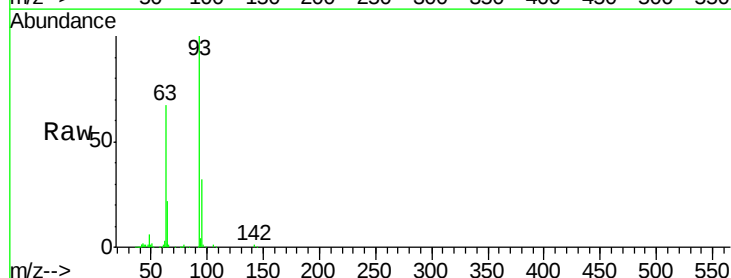
Tgt Ion: 93 Resp: 332723

Ion Ratio Lower Upper

93 100

66 0.7 31.4 47.2#

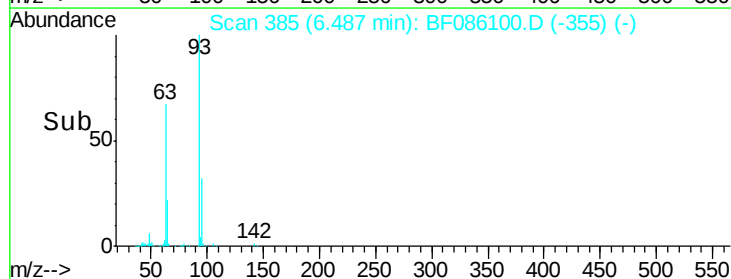
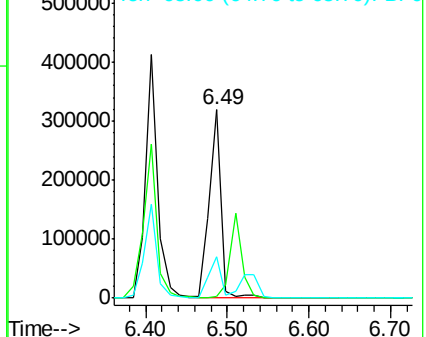
65 22.2 15.7 23.5

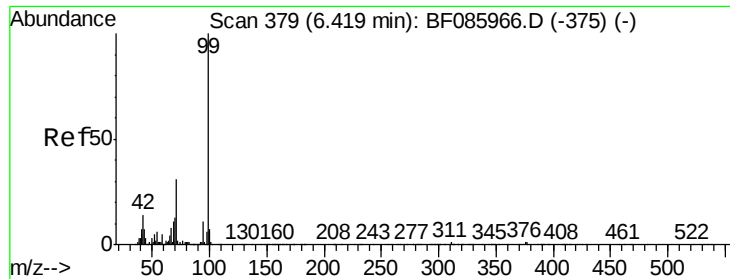


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 28.33 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

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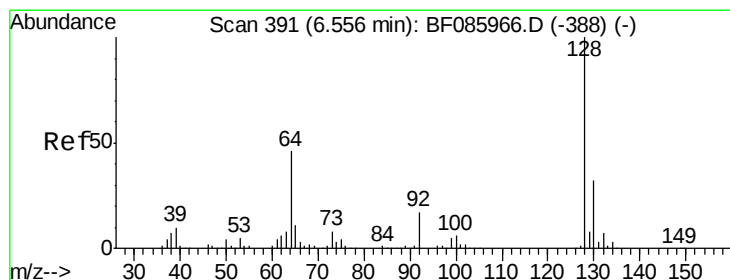
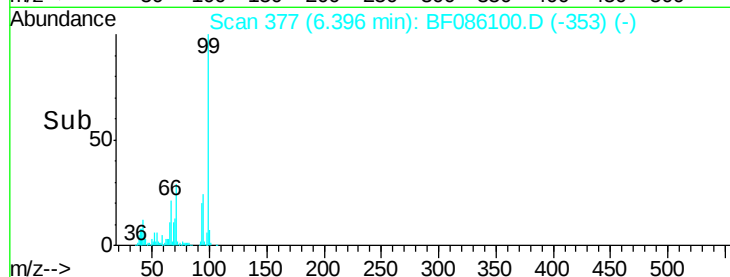
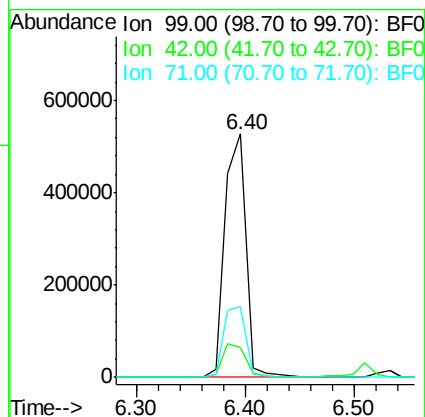
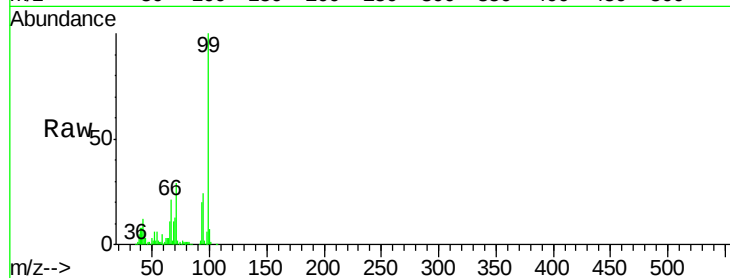
Tgt Ion: 99 Resp: 708563

Ion Ratio Lower Upper

99 100

42 12.5 11.1 16.7

71 28.8 24.9 37.3



#8

2-Chlorophenol

Concen: 13.30 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

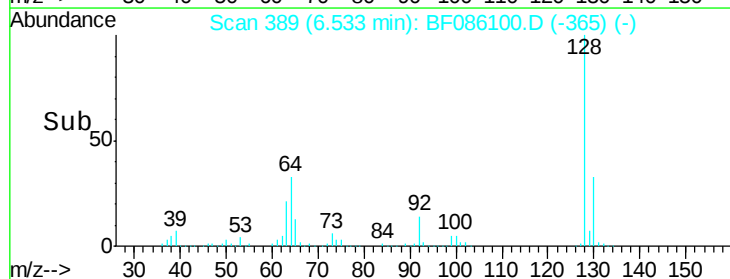
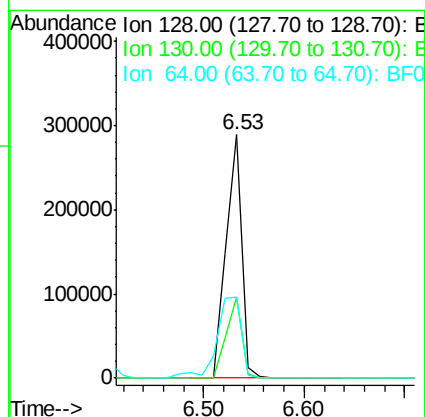
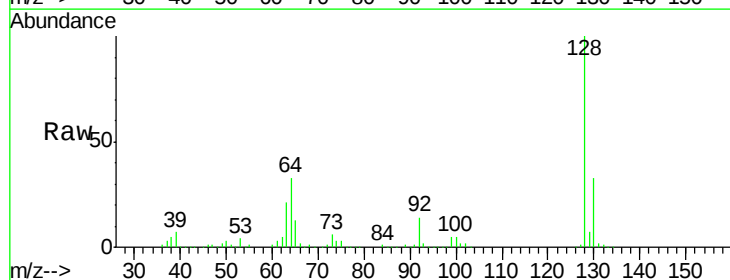
Tgt Ion: 128 Resp: 312384

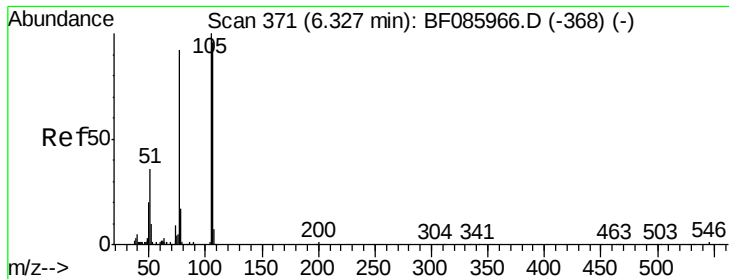
Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

64 33.2 20.2 60.2





#9

Benzaldehyde

Concen: 13.53 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

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SSTDCCC040

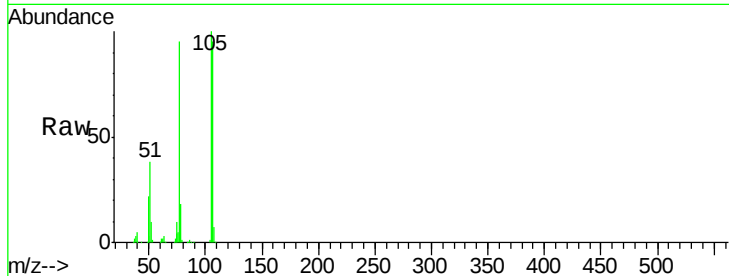
Tgt Ion: 77 Resp: 182039

Ion Ratio Lower Upper

77 100

105 105.0 80.1 120.1

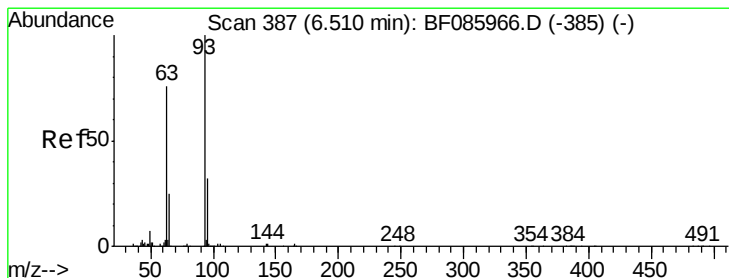
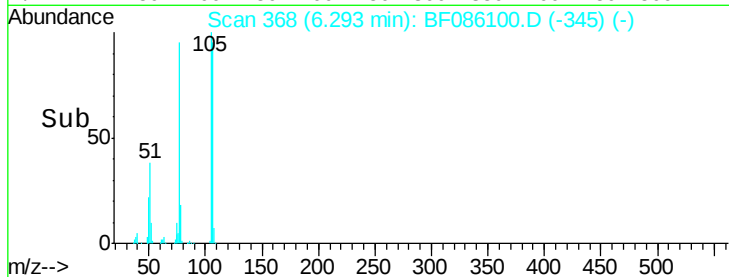
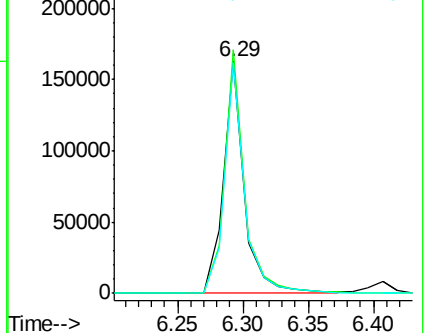
106 99.6 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 14.73 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

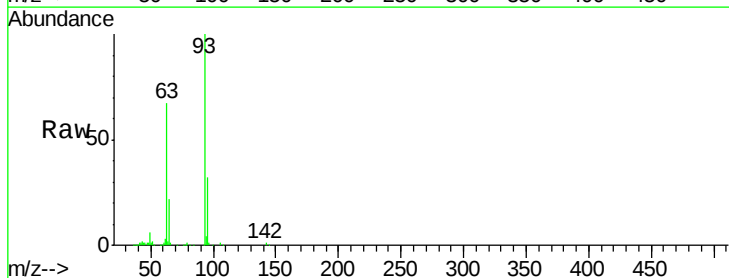
Tgt Ion: 93 Resp: 332723

Ion Ratio Lower Upper

93 100

63 66.7 50.9 90.9

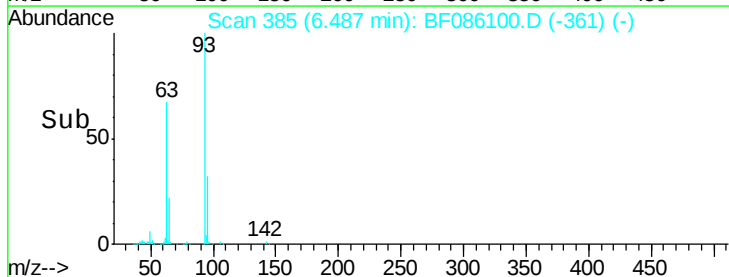
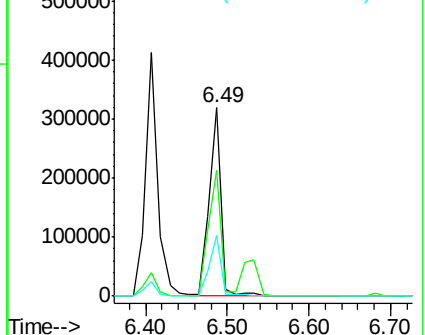
95 32.4 13.3 53.3

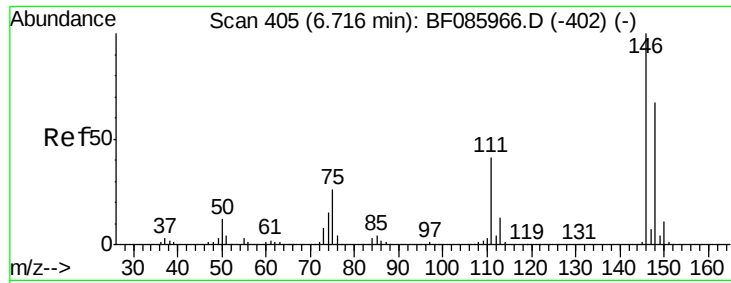


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 12.38 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.19 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

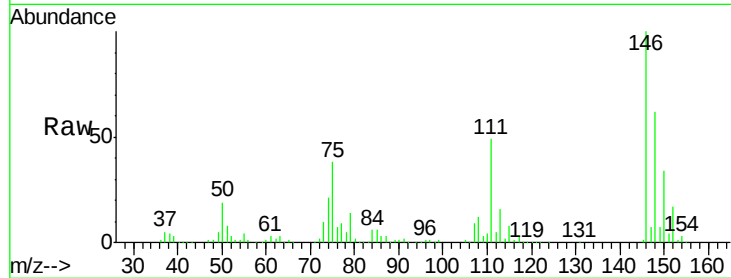
Tgt Ion:146 Resp: 308195

Ion Ratio Lower Upper

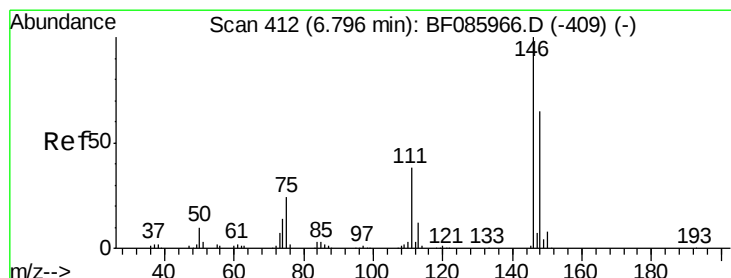
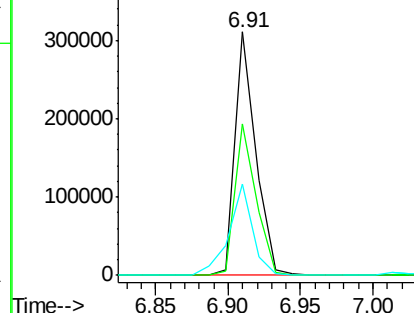
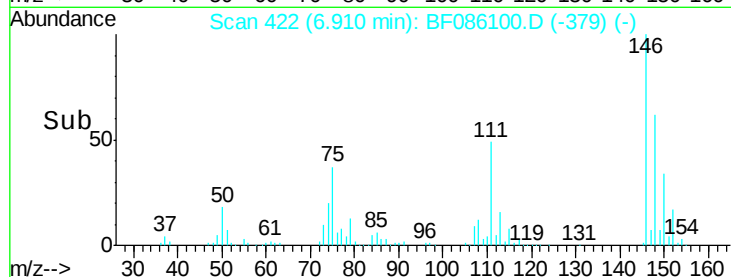
146 100

148 62.4 52.3 78.5

75 37.7 17.4 26.2#



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): BF0



#13

1,4-Dichlorobenzene

Concen: 12.02 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.11 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

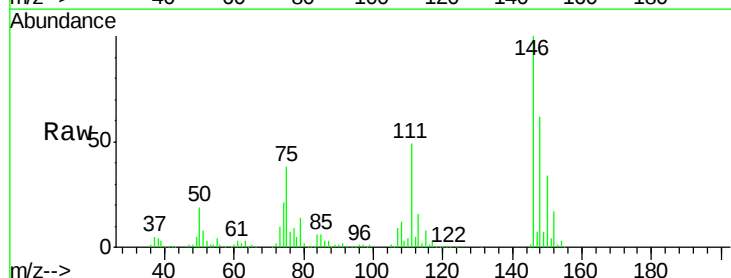
Tgt Ion:146 Resp: 308195

Ion Ratio Lower Upper

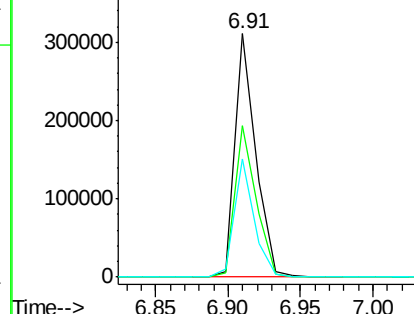
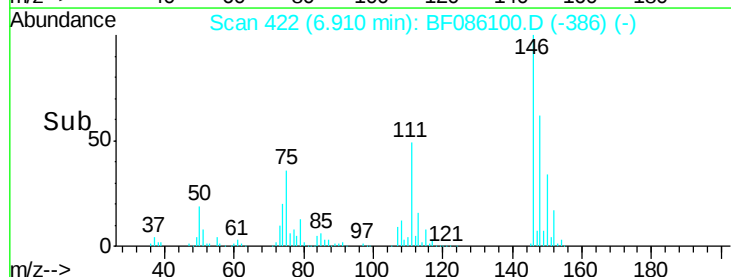
146 100

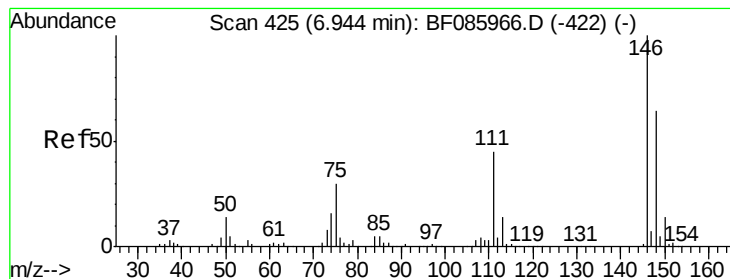
148 62.4 50.6 76.0

111 48.6 37.8 56.6



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

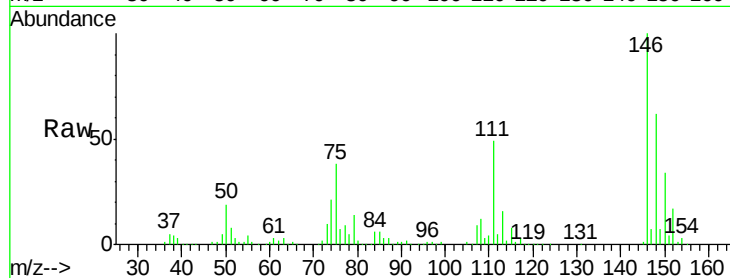




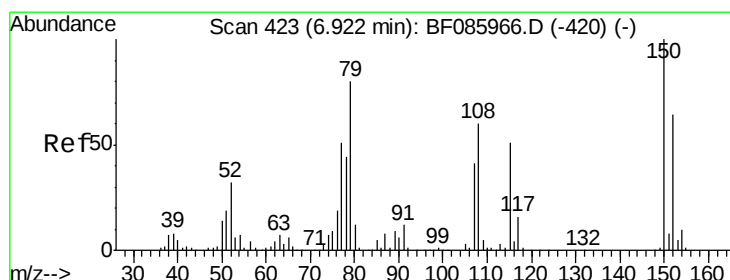
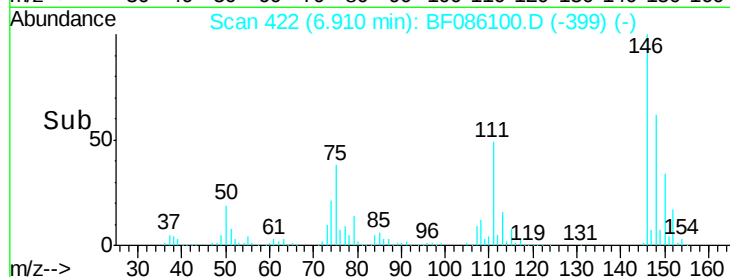
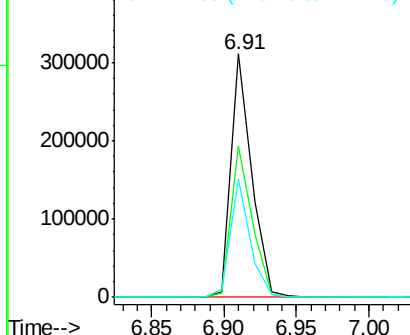
#14
 1,2-Dichlorobenzene
 Concen: 13.06 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 146 Resp: 308195
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.4 77.2
 111 48.6 34.6 52.0

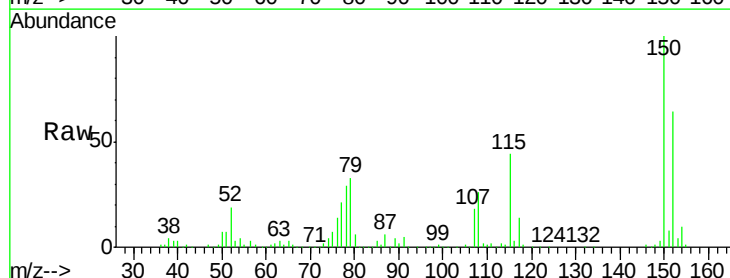


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

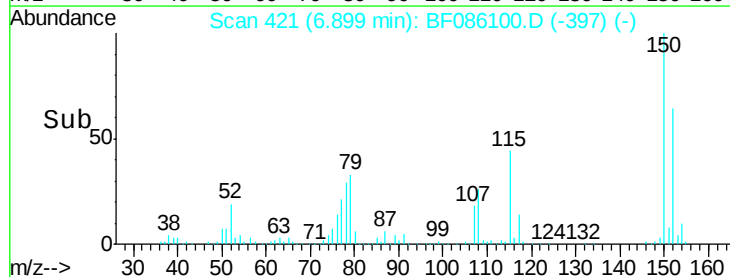
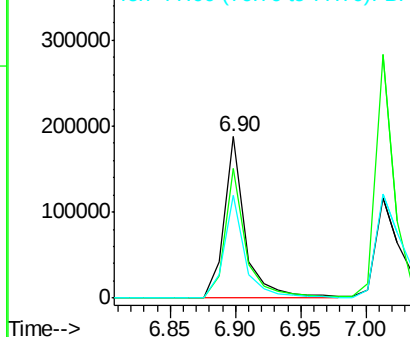


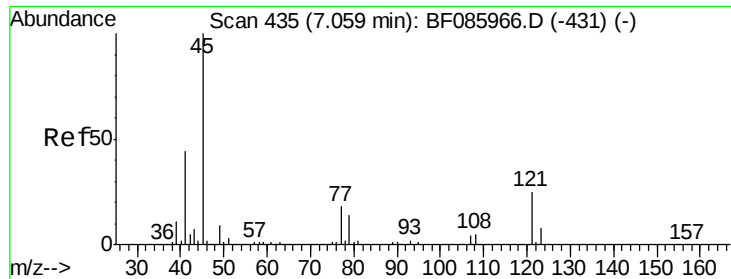
#15
 Benzyl Alcohol
 Concen: 13.21 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion: 79 Resp: 213755
 Ion Ratio Lower Upper
 79 100
 108 80.3 61.8 92.6
 77 63.5 49.6 74.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

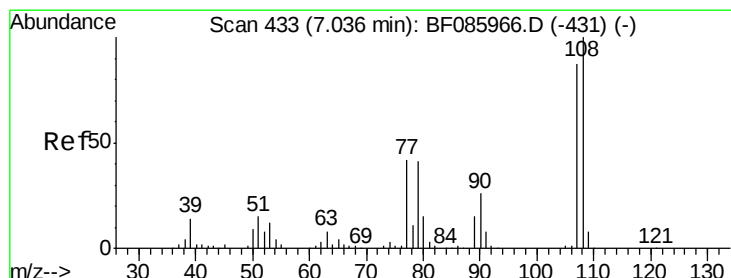
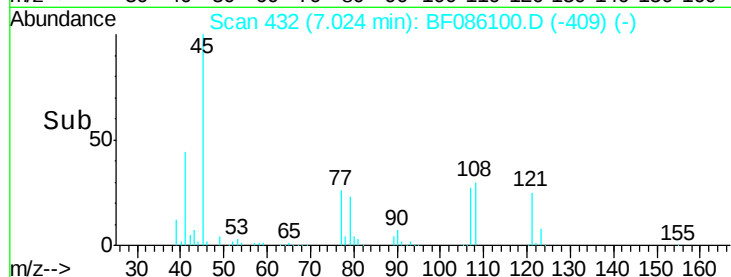
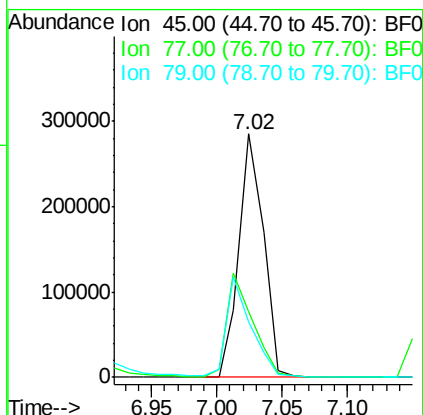
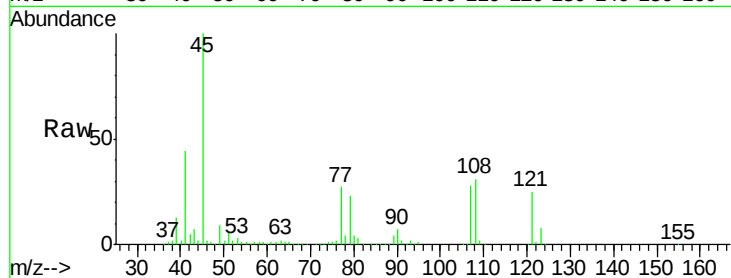




#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.55 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

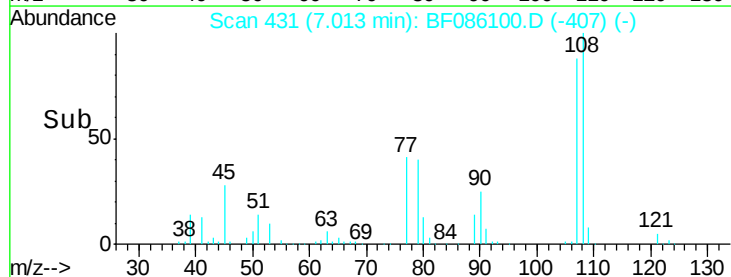
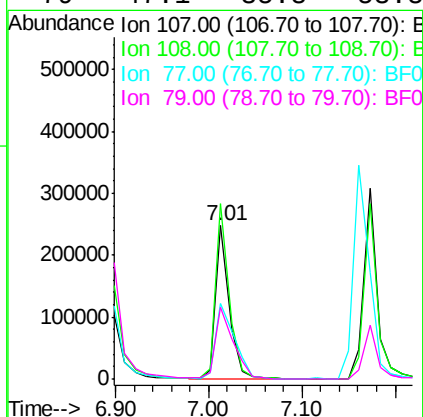
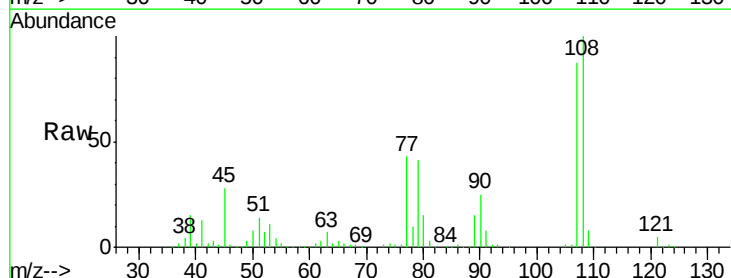
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

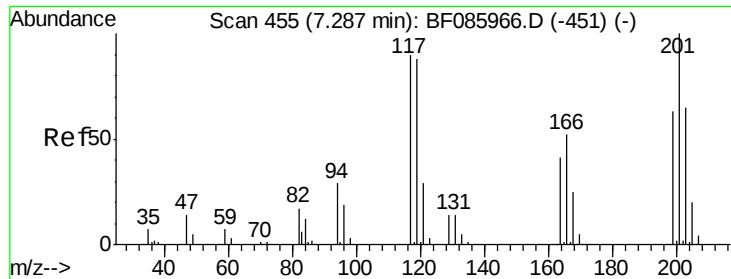
Tgt Ion: 45 Resp: 373959
Ion Ratio Lower Upper
45 100
77 26.7 0.0 35.7
79 22.6 0.0 32.2



#17
2-Methylphenol
Concen: 13.42 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion: 107 Resp: 248546
Ion Ratio Lower Upper
107 100
108 114.3 91.4 137.0
77 49.0 36.2 54.2
79 47.1 35.8 53.8

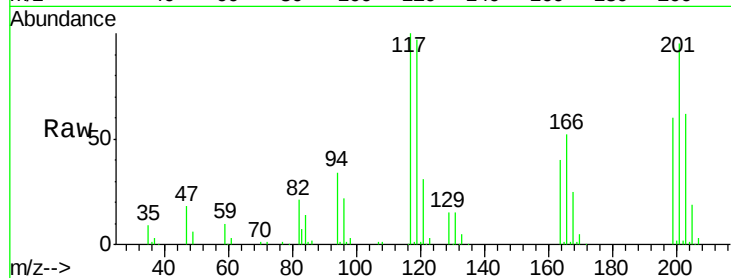




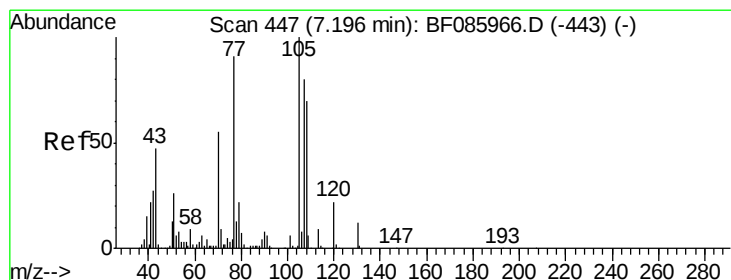
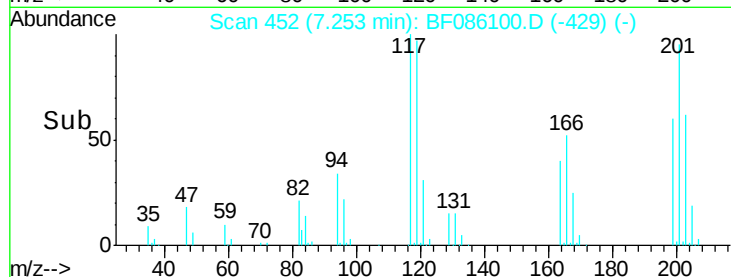
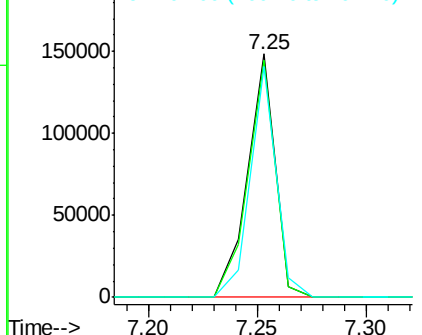
#18
Hexachloroethane
Concen: 13.81 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 117 Resp: 130206
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1
201 94.8 83.3 124.9

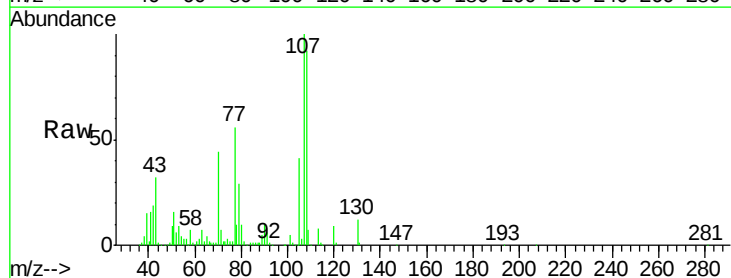


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

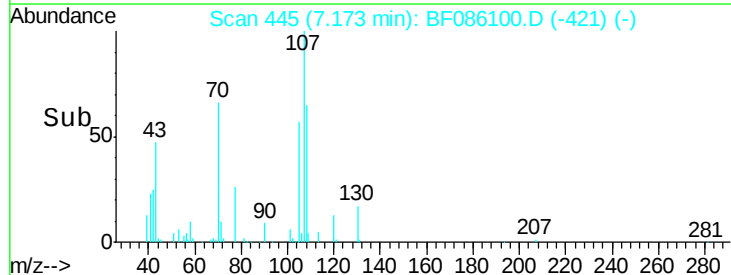
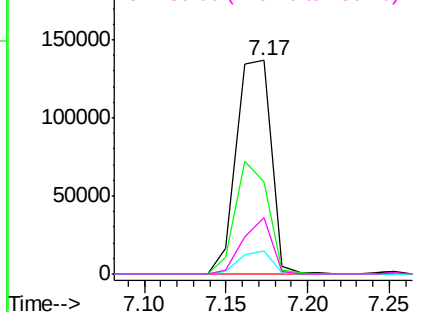


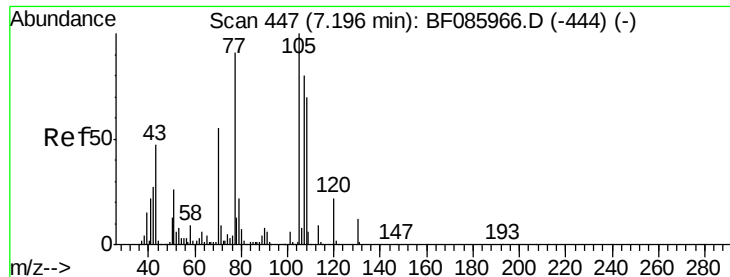
#19
n-Nitroso-di-n-propylamine
Concen: 13.00 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion: 70 Resp: 201519
Ion Ratio Lower Upper
70 100
42 42.9 37.1 55.7
101 10.9 8.6 12.8
130 26.3 19.6 29.4



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

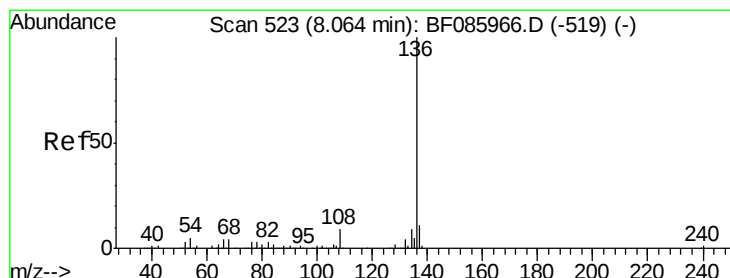
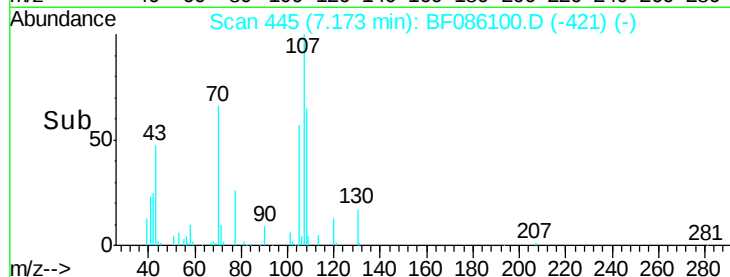
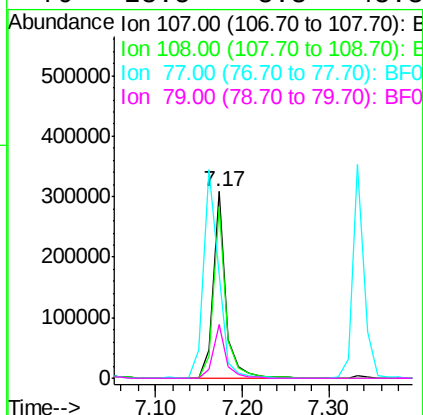
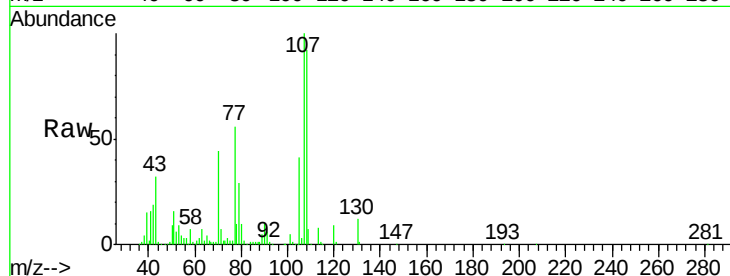




#20
3+4-Methylphenols
Concen: 13.92 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

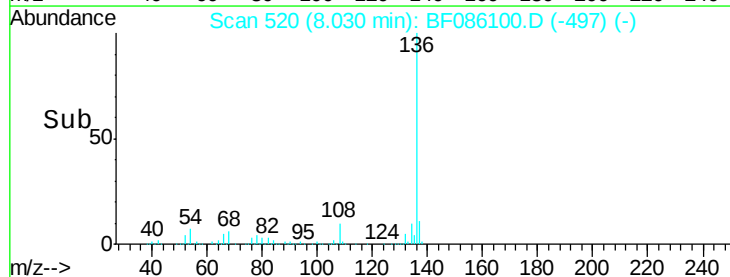
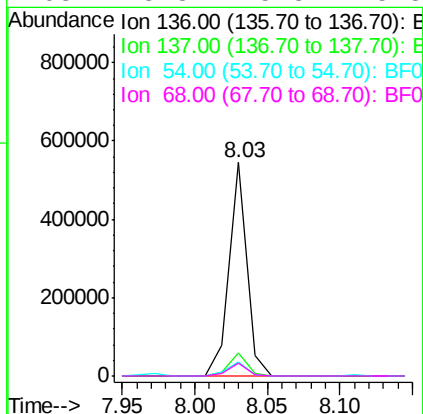
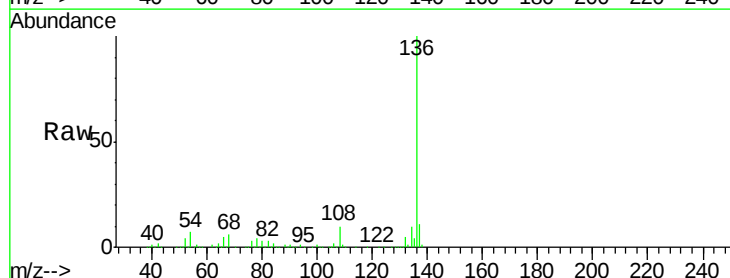
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

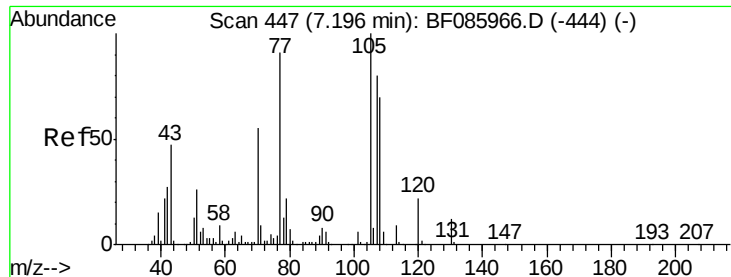
Tgt Ion:107 Resp: 313380
Ion Ratio Lower Upper
107 100
108 91.9 69.3 109.3
77 55.6 101.7 141.7#
79 28.5 8.3 48.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion:136 Resp: 464837
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.7 7.4 11.0#
68 5.8 5.8 8.8#





#22

Acetophenone

Concen: 38.90 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:105 Resp: 425120

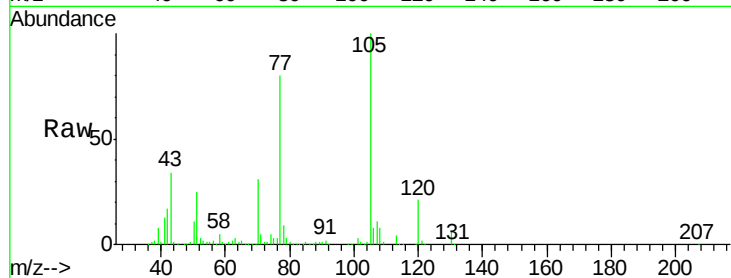
Ion Ratio Lower Upper

105 100

71 5.3 3.6 5.4

51 24.7 25.4 38.0#

120 21.5 16.9 25.3

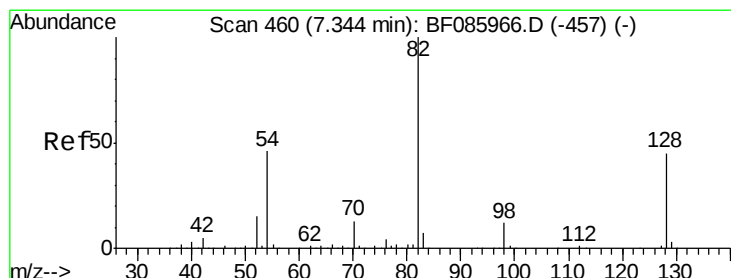
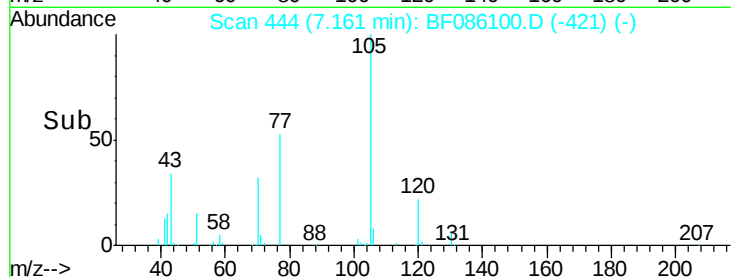
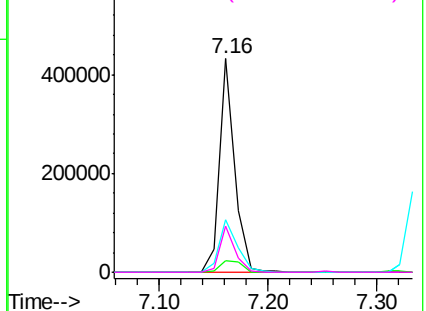


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 84.21 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

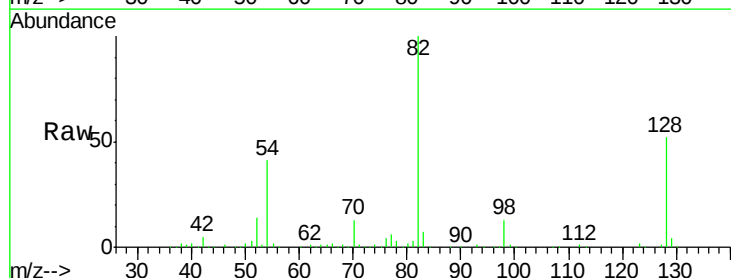
Tgt Ion: 82 Resp: 663772

Ion Ratio Lower Upper

82 100

128 51.9 41.8 62.8

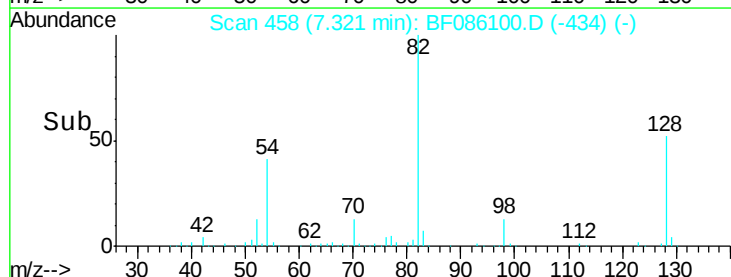
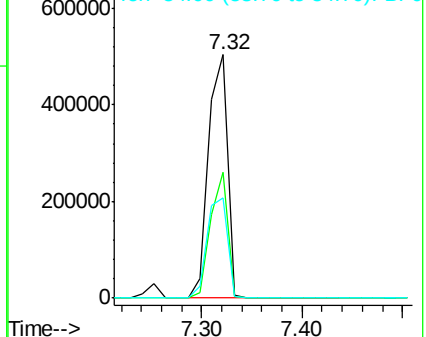
54 41.4 33.4 50.0

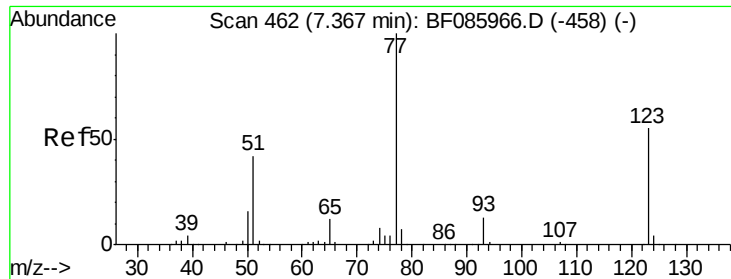


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

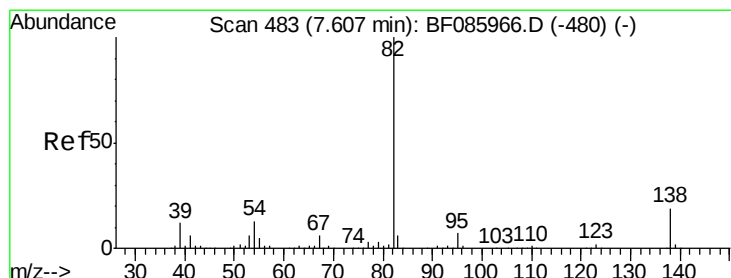
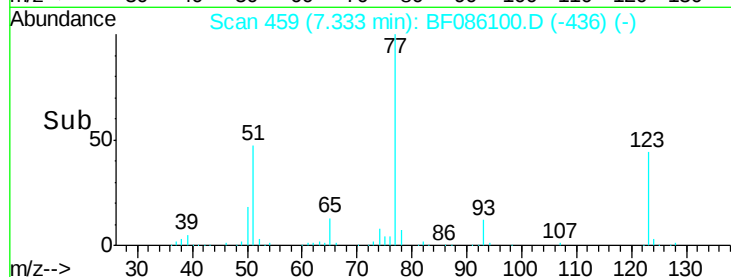
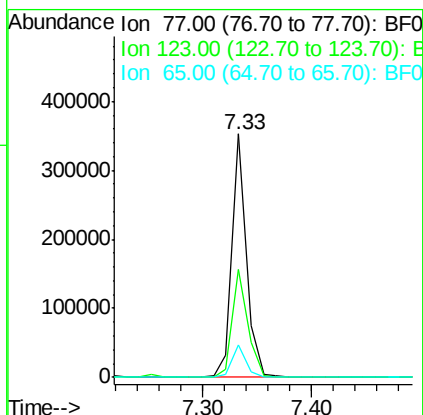
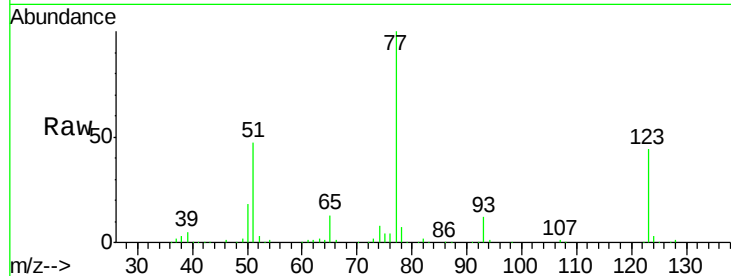




#24
 Nitrobenzene
 Concen: 37.25 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

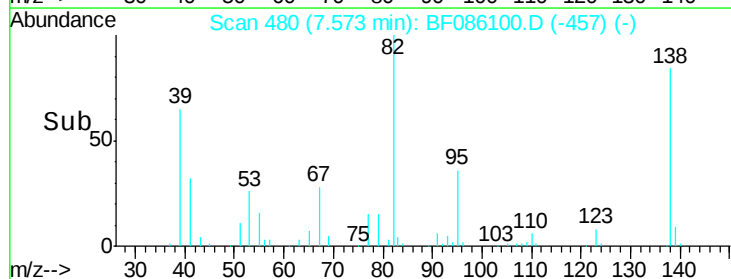
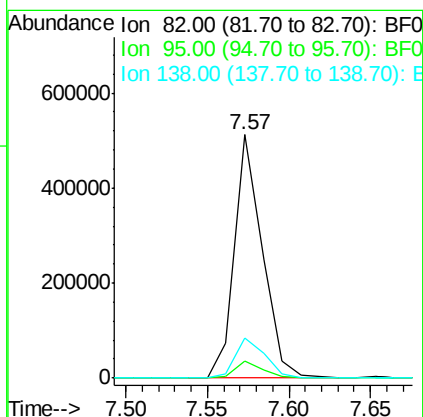
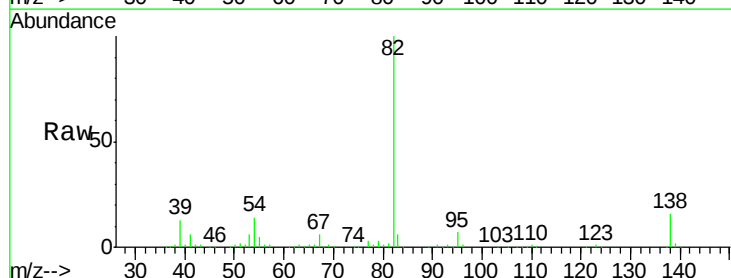
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

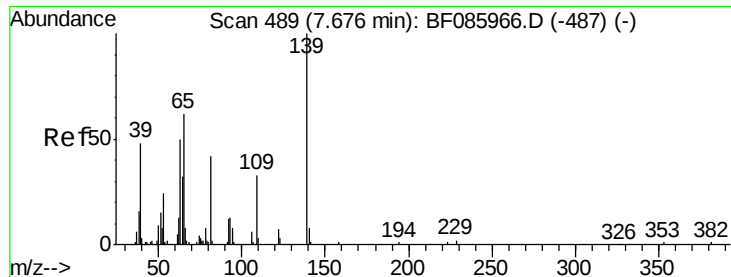
Tgt Ion: 77 Resp: 321184
 Ion Ratio Lower Upper
 77 100
 123 44.4 35.0 52.4
 65 13.1 10.6 16.0



#25
 Isophorone
 Concen: 38.83 ng
 RT: 7.57 min Scan# 480
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion: 82 Resp: 604225
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.4 8.2
 138 16.5 12.9 19.3

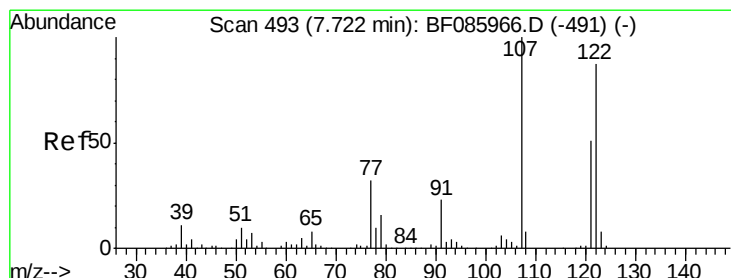
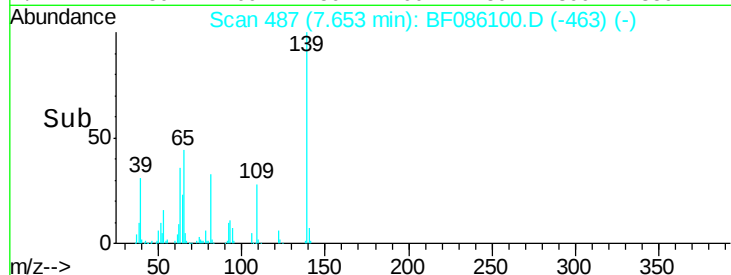
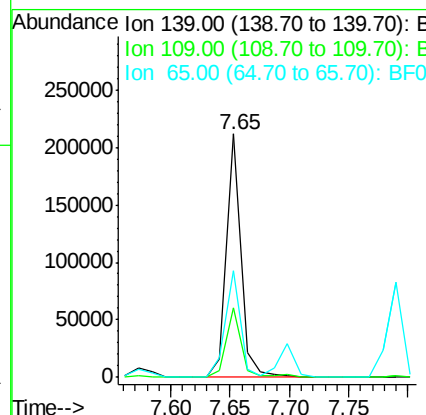
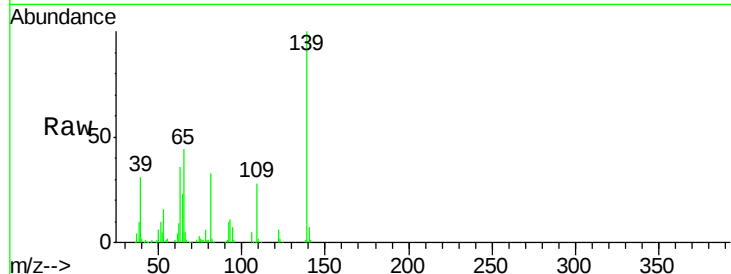




#26
 2-Nitrophenol
 Concen: 43.01 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

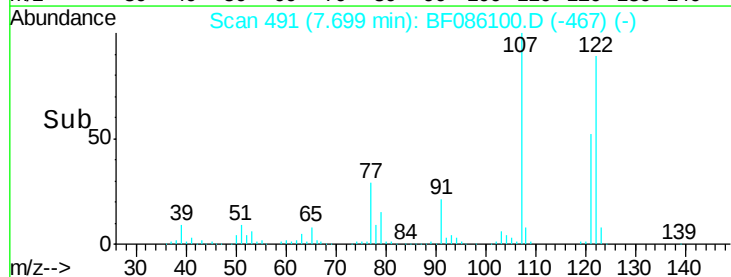
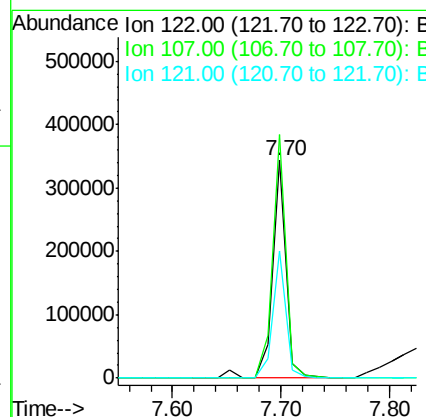
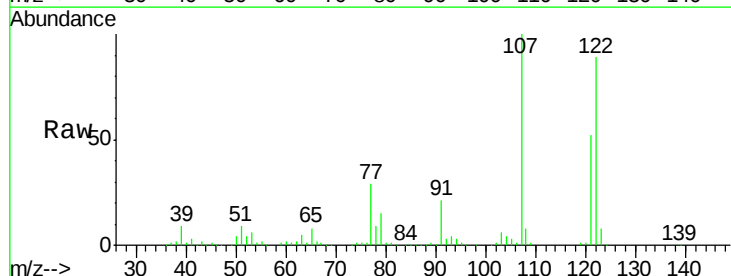
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

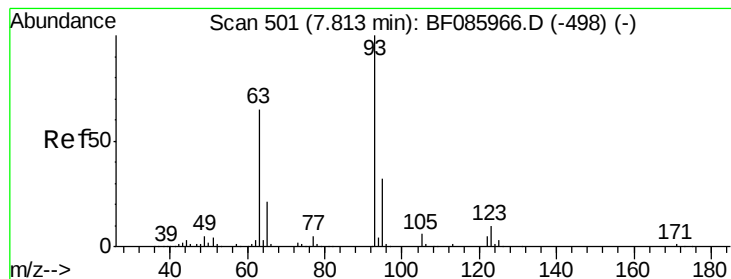
Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.1	33.1
65	44.1	33.9	50.9



#27
 2,4-Dimethylphenol
 Concen: 41.19 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.8	93.0	139.6
121	58.6	45.9	68.9





#28

bis(2-Chloroethoxy)methane

Concen: 41.97 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

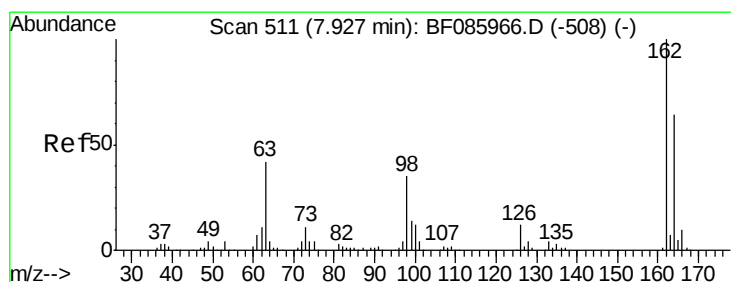
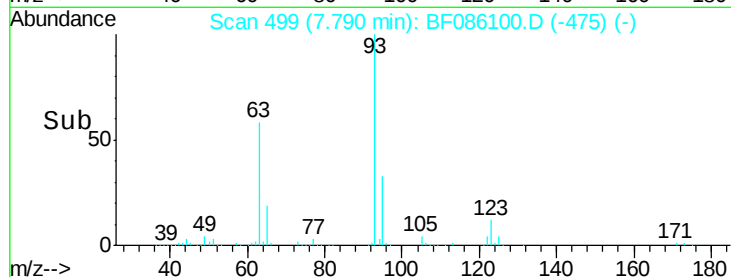
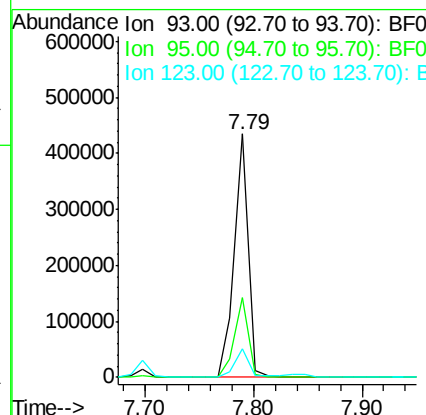
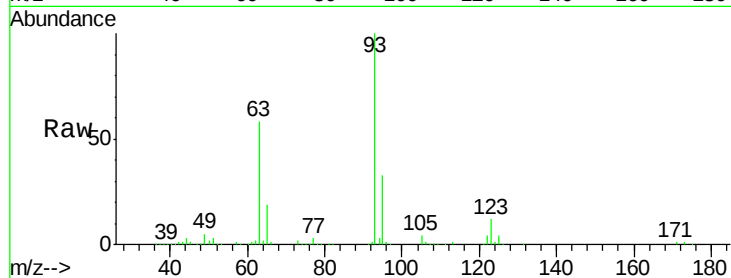
Tgt Ion: 93 Resp: 383191

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 11.9 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 39.06 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

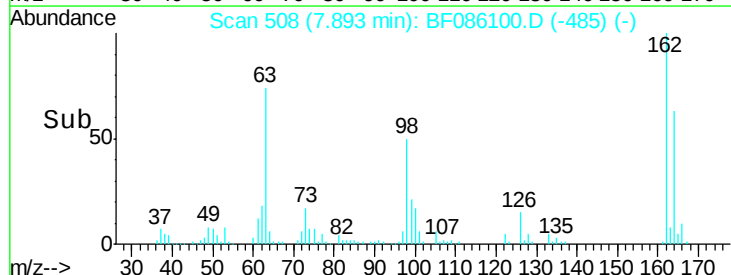
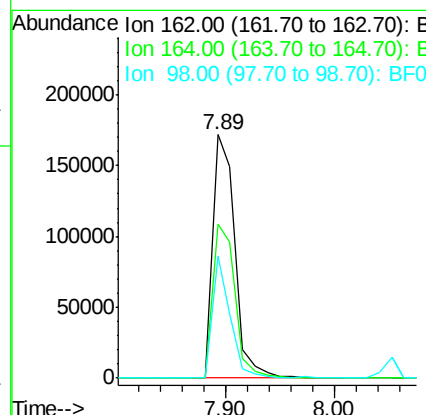
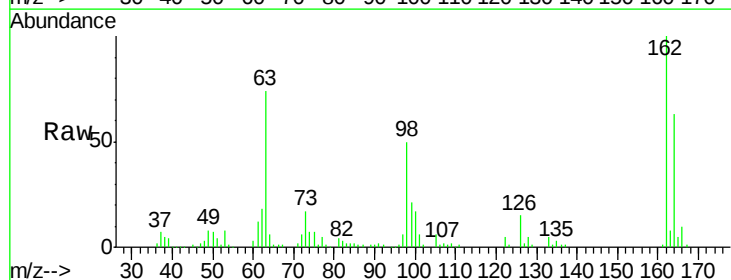
Tgt Ion: 162 Resp: 244699

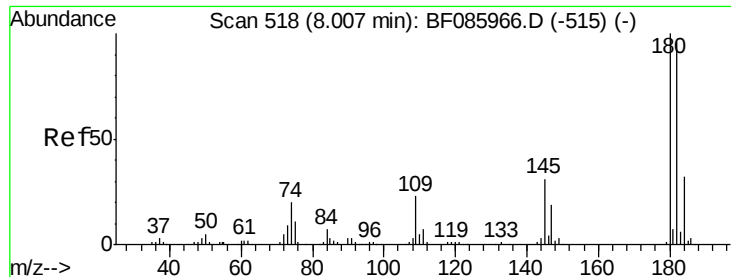
Ion Ratio Lower Upper

162 100

164 63.2 43.7 83.7

98 50.3 20.4 60.4

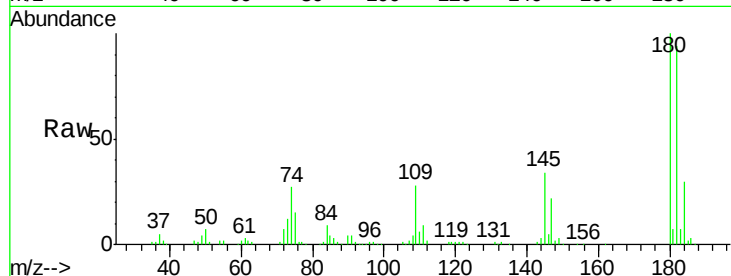




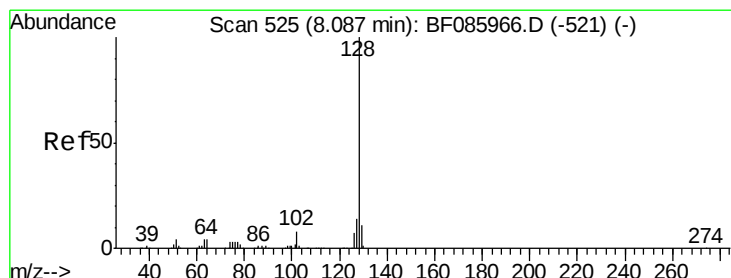
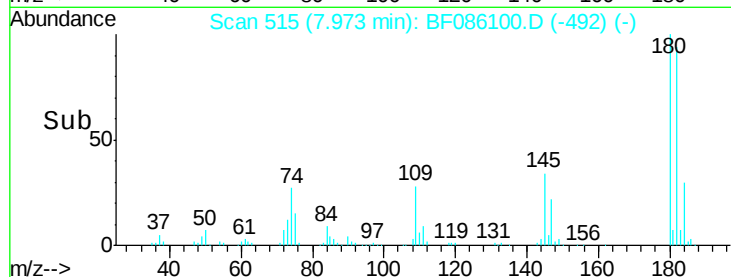
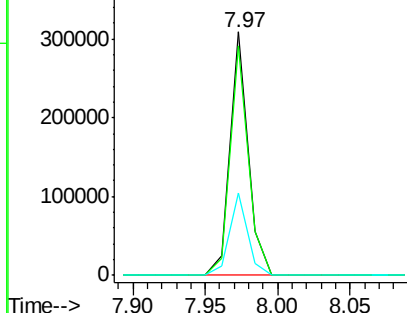
#30
 1,2,4-Trichlorobenzene
 Concen: 38.21 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:180 Resp: 268714
 Ion Ratio Lower Upper
 180 100
 182 94.3 73.8 110.8
 145 33.7 28.4 42.6

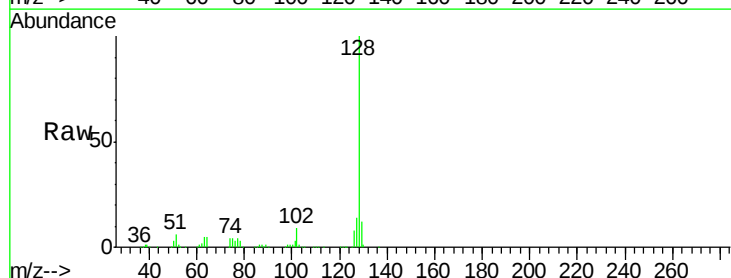


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

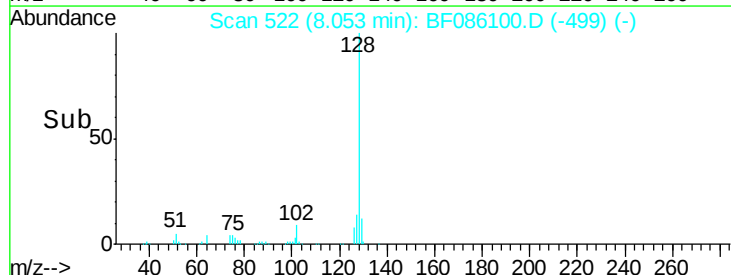
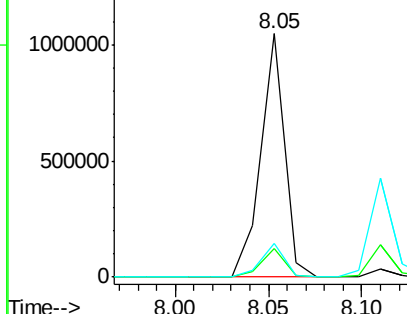


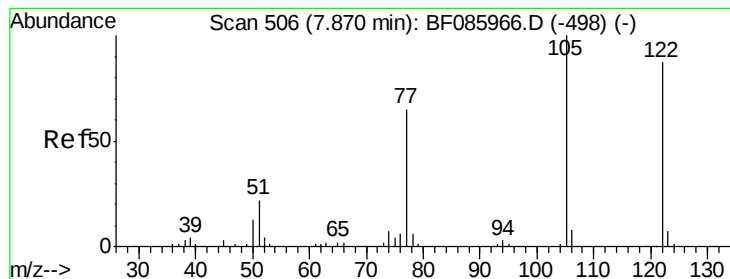
#31
 Naphthalene
 Concen: 39.33 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion:128 Resp: 919534
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.4 14.0
 127 13.8 11.0 16.6



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





#32

Benzoic acid

Concen: 39.26 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

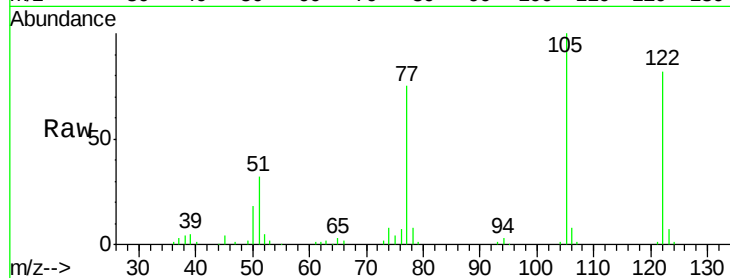
Tgt Ion:122 Resp: 213437

Ion Ratio Lower Upper

122 100

105 121.8 102.9 142.9

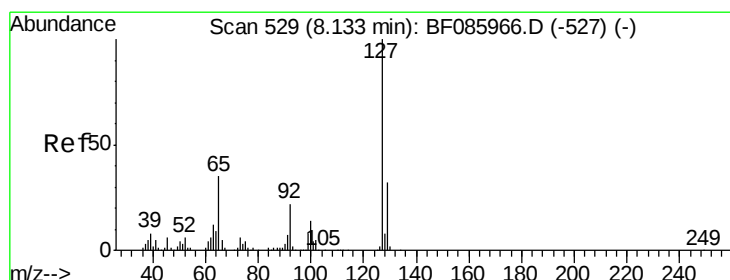
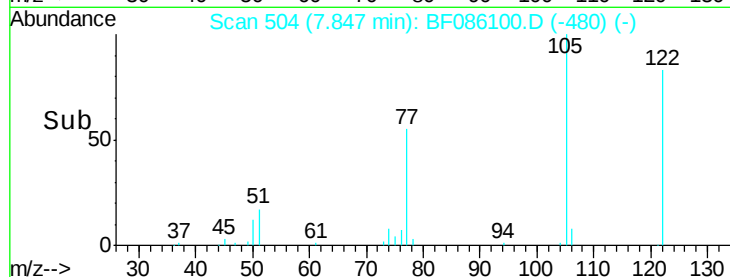
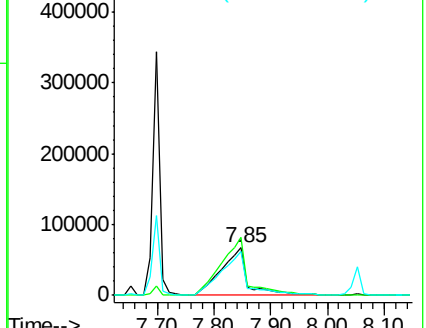
77 91.3 71.8 111.8



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): BF0



#33

4-Chloroaniline

Concen: 39.62 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Tgt Ion:127 Resp: 374243

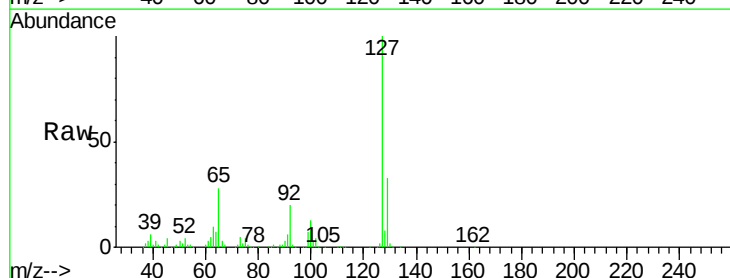
Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 27.9 19.5 29.3

92 19.9 14.6 22.0

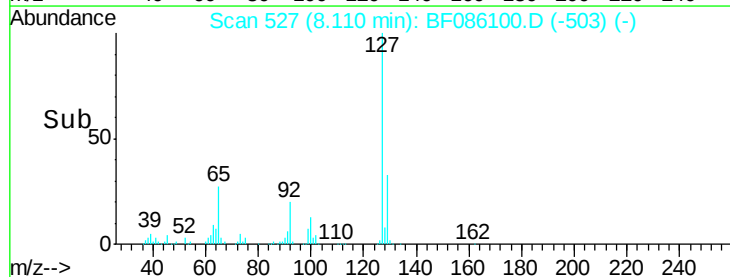
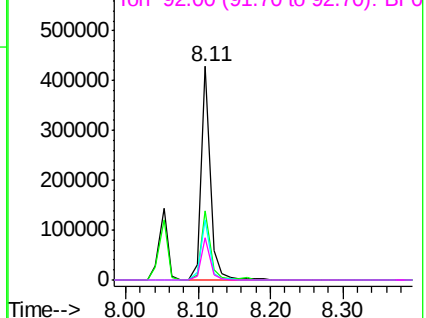


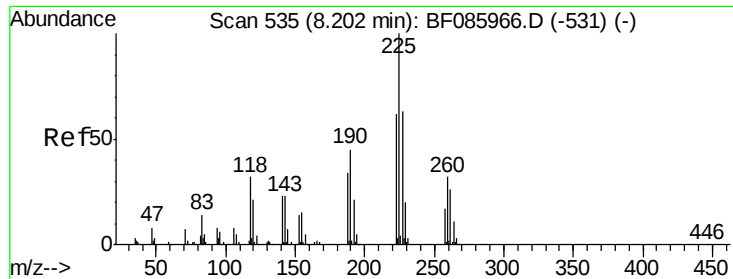
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

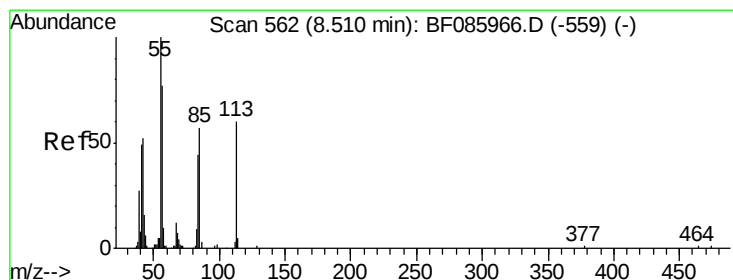
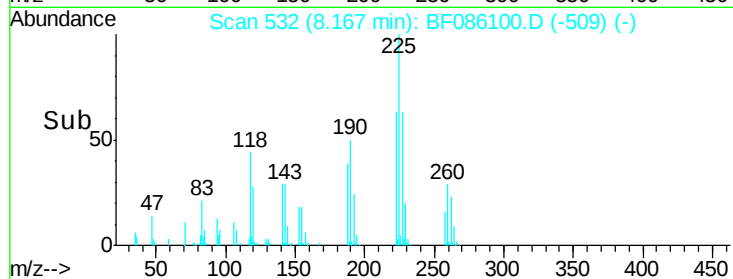
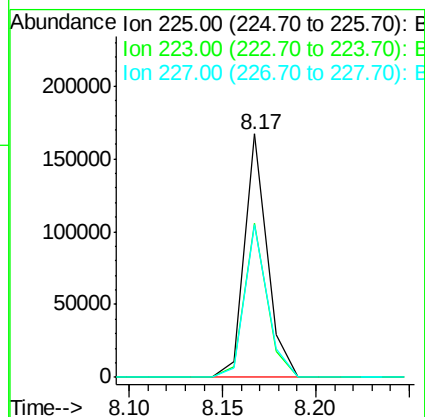
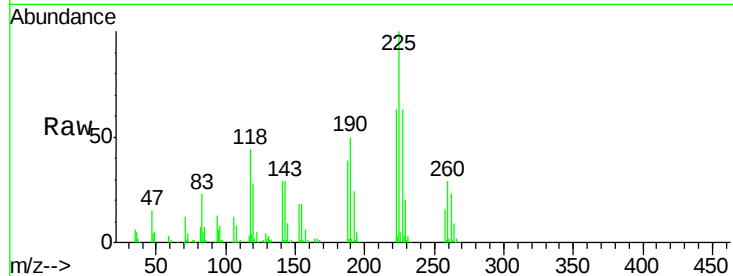




#34
Hexachlorobutadiene
Concen: 37.67 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

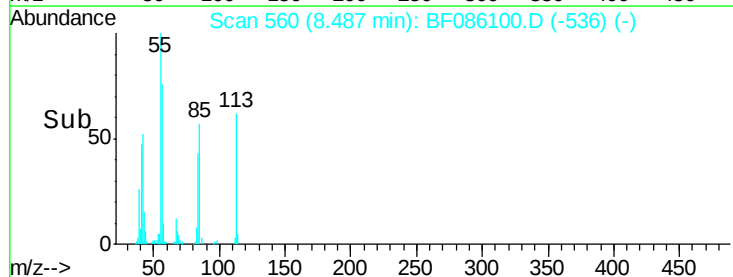
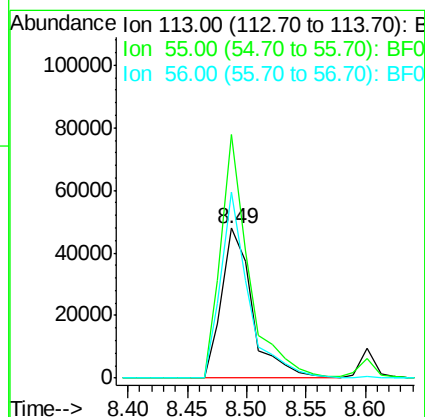
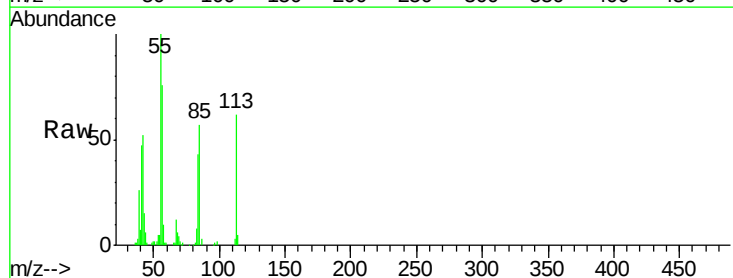
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

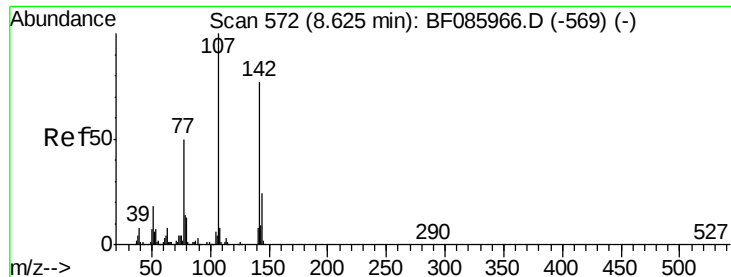
Tgt Ion: 225 Resp: 142415
Ion Ratio Lower Upper
225 100
223 63.3 50.4 75.6
227 62.6 51.4 77.2



#35
Caprolactam
Concen: 43.36 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion: 113 Resp: 86171
Ion Ratio Lower Upper
113 100
55 162.2 139.4 179.4
56 123.7 100.4 140.4

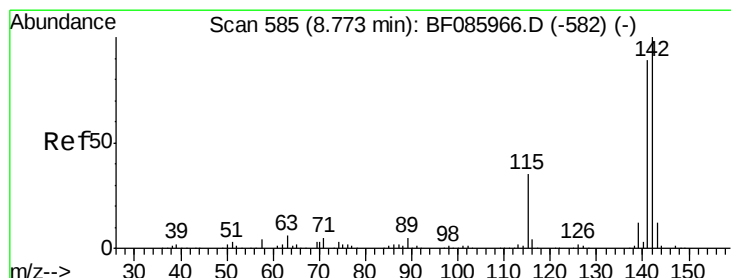
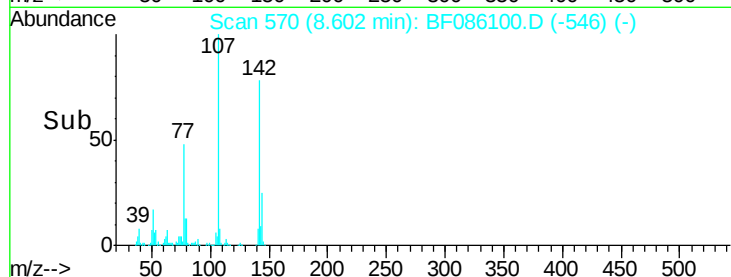
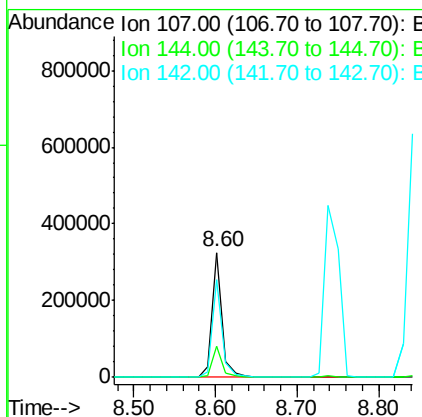
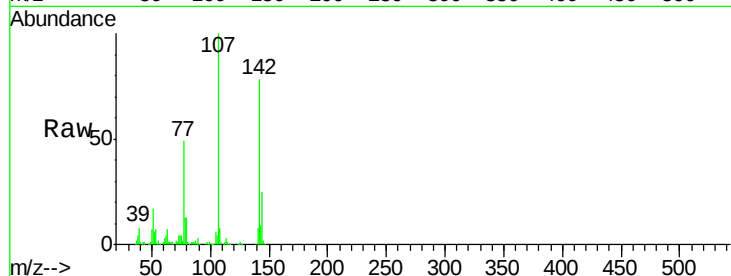




#36
 4-Chloro-3-methylphenol
 Concen: 40.52 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

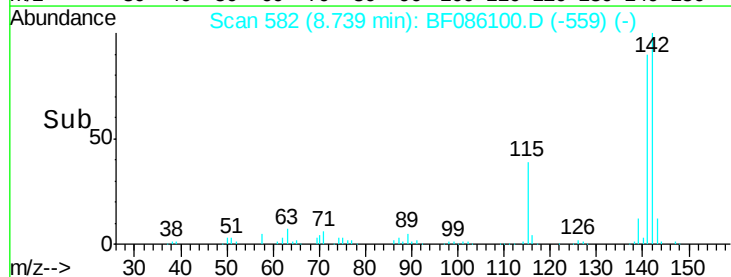
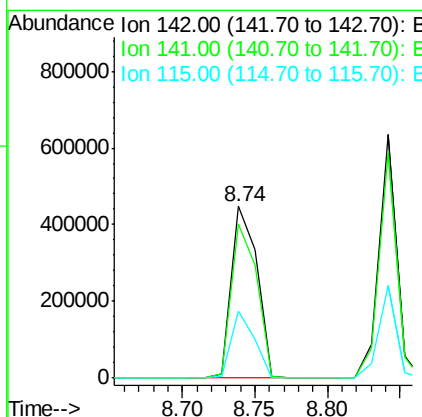
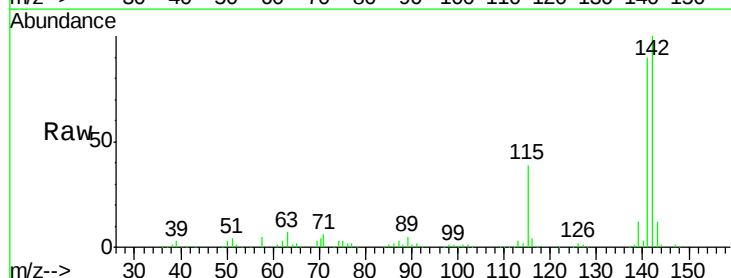
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

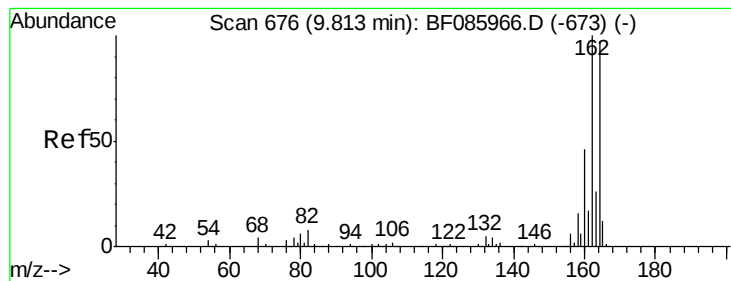
Tgt Ion:107 Resp: 285393
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 78.0 61.4 92.0



#37
 2-Methylnaphthalene
 Concen: 36.10 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion:142 Resp: 551331
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.6 107.4
 115 38.8 26.8 40.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

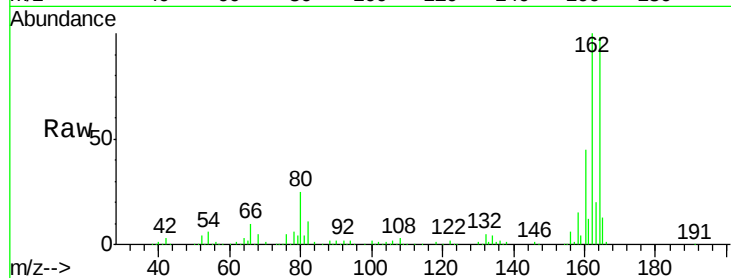
Tgt Ion:164 Resp: 204667

Ion Ratio Lower Upper

164 100

162 102.6 82.1 123.1

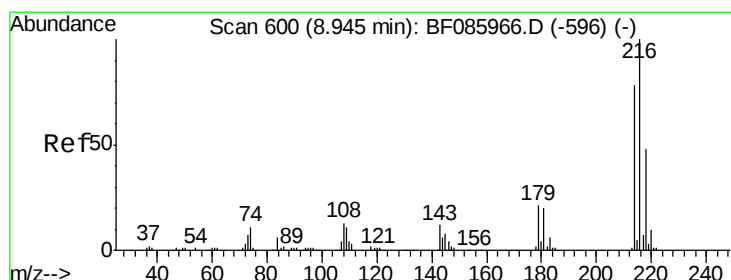
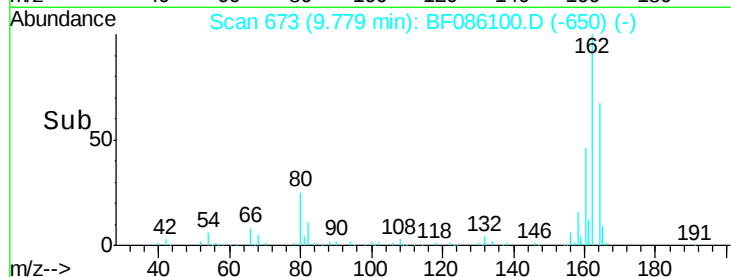
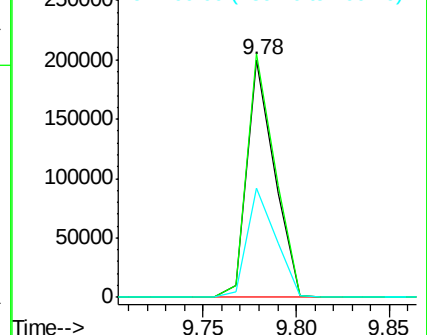
160 45.8 37.4 56.2



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: 40.04 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Tgt Ion:216 Resp: 246309

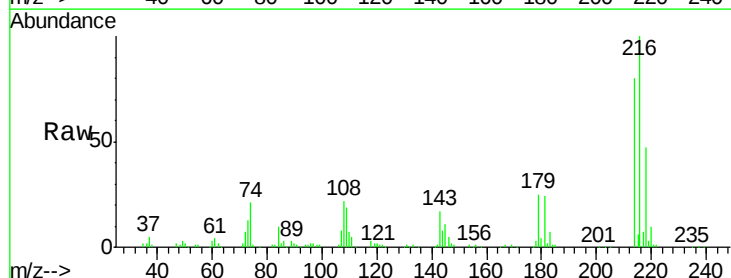
Ion Ratio Lower Upper

216 100

214 79.7 63.1 94.7

179 23.7 18.2 27.2

108 22.2 17.3 25.9

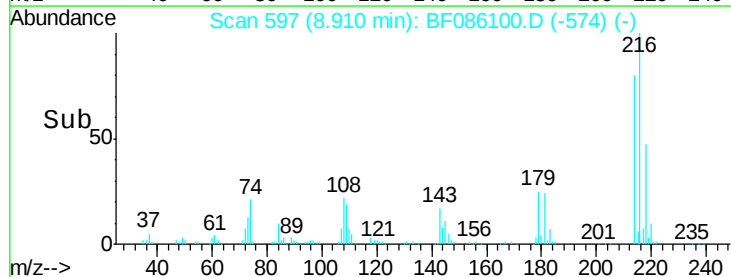
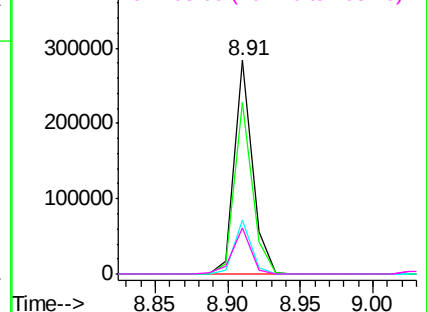


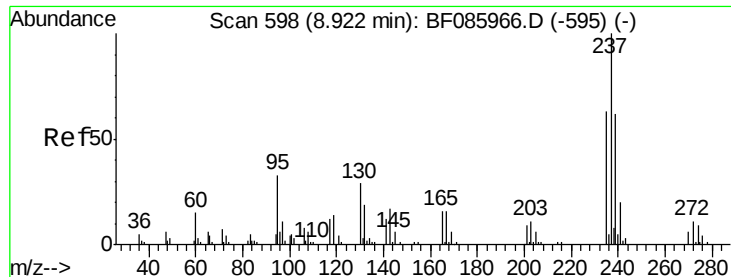
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

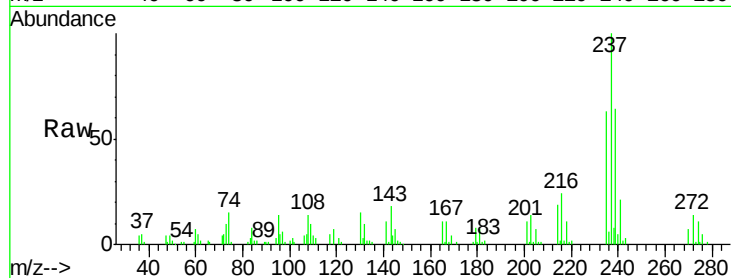




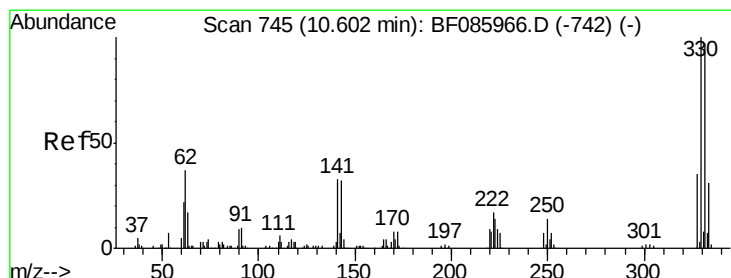
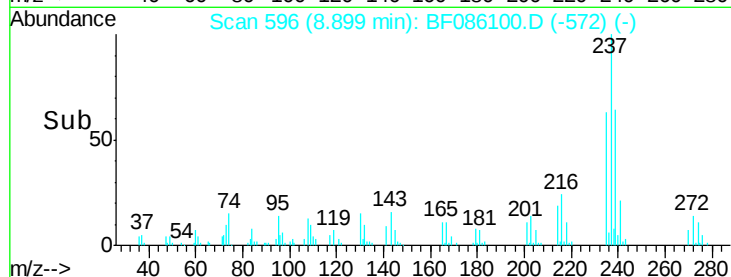
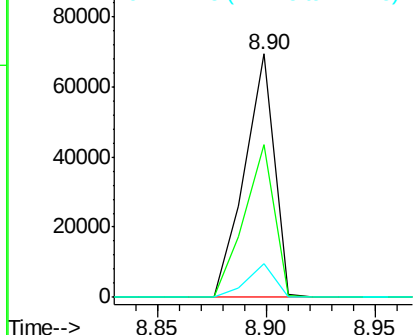
#40
Hexachlorocyclopentadiene
Concen: 38.83 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 65872
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 13.6 0.0 31.9

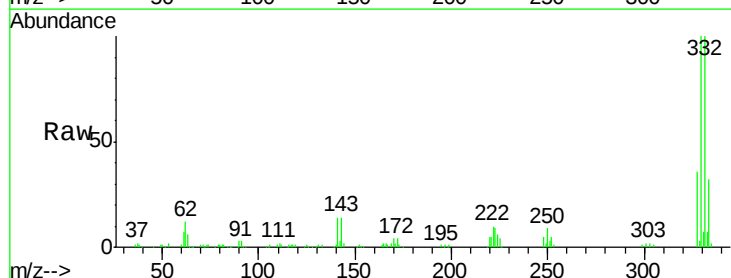


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

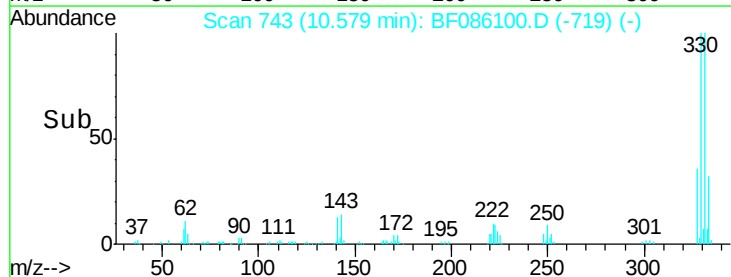
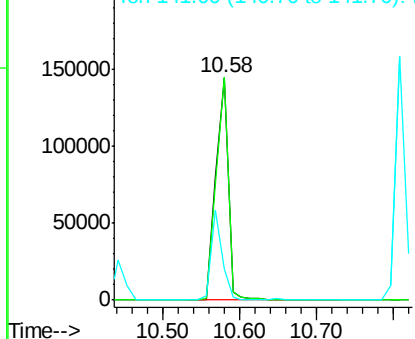


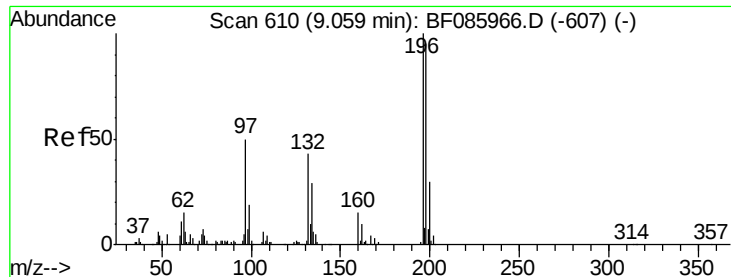
#41
2,4,6-Tribromophenol
Concen: 84.54 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion:330 Resp: 162406
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 35.9 31.5 47.3



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

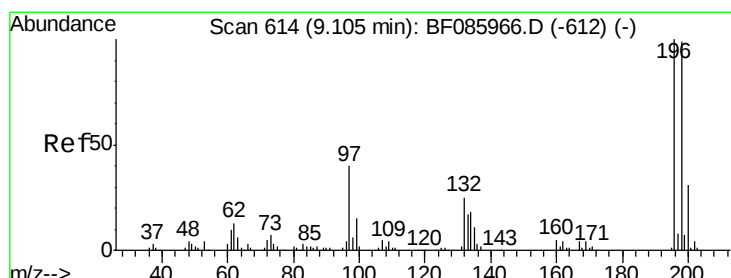
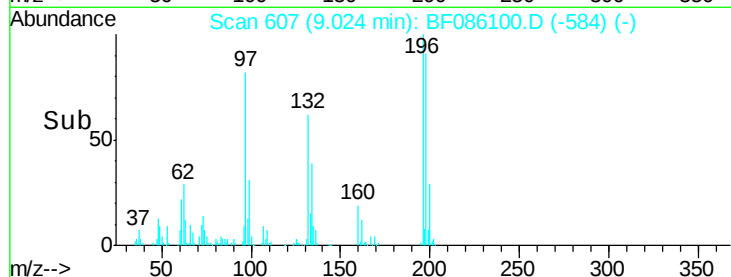
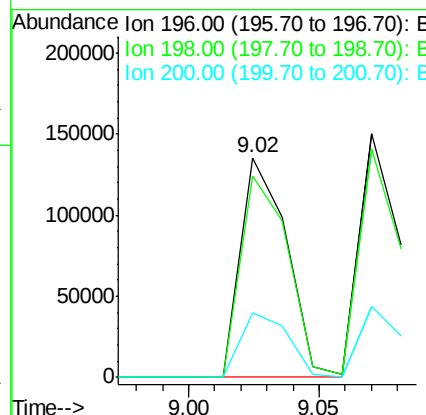
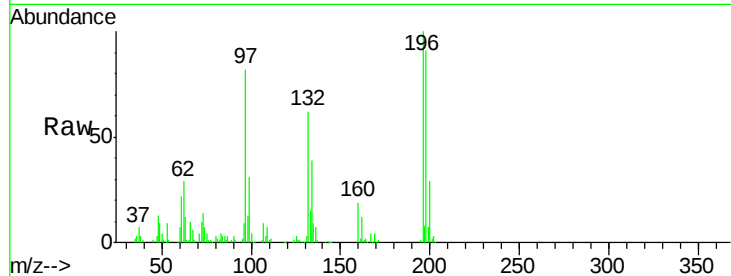




#42
 2,4,6-Trichlorophenol
 Concen: 42.26 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

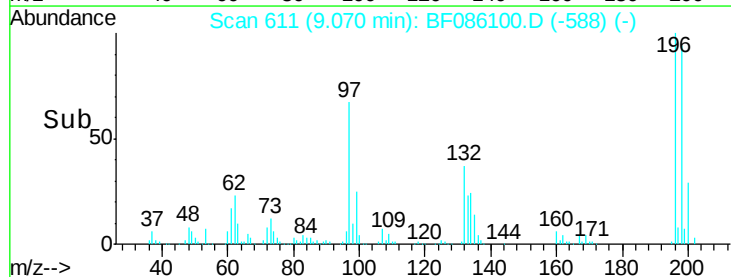
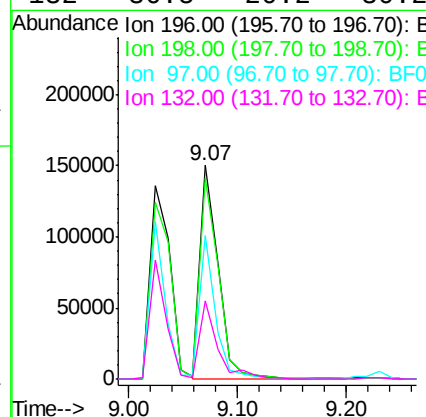
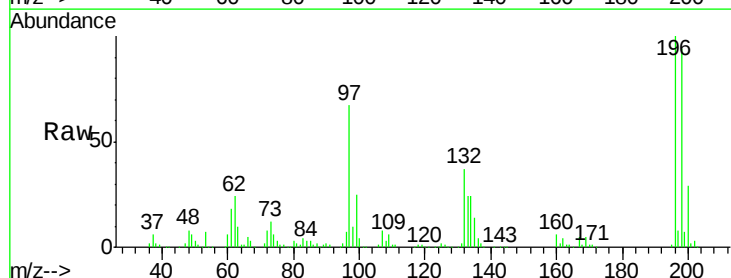
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

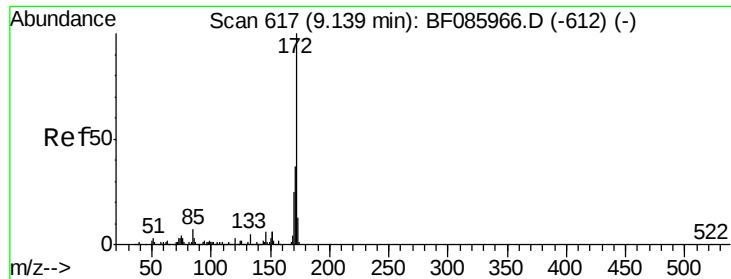
Tgt Ion:196 Resp: 166929
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.3 112.9
 200 29.5 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 43.70 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion:196 Resp: 175261
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.6 114.8
 97 66.9 30.5 45.7#
 132 36.5 20.2 30.2#





#44

2-Fluorobiphenyl

Concen: 79.10 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

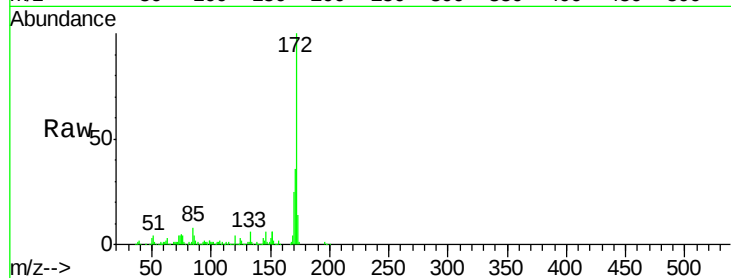
Tgt Ion:172 Resp: 973671

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.2

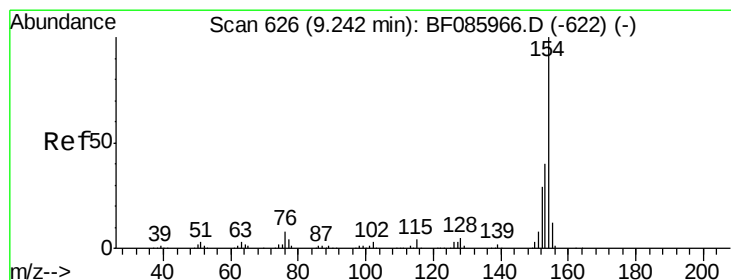
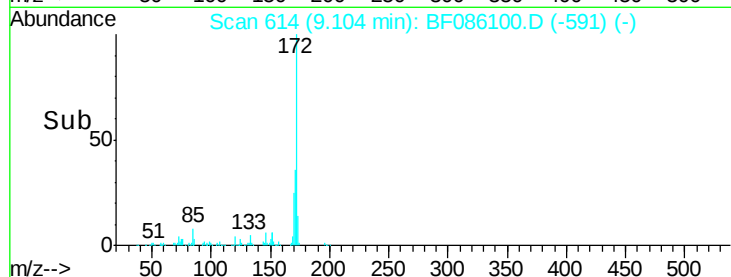
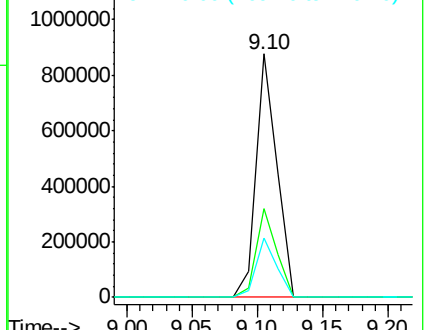
170 24.5 19.8 29.6



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: 39.78 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

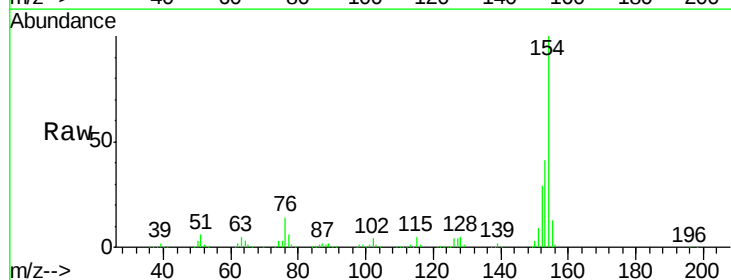
Tgt Ion:154 Resp: 702069

Ion Ratio Lower Upper

154 100

153 41.5 20.8 60.8

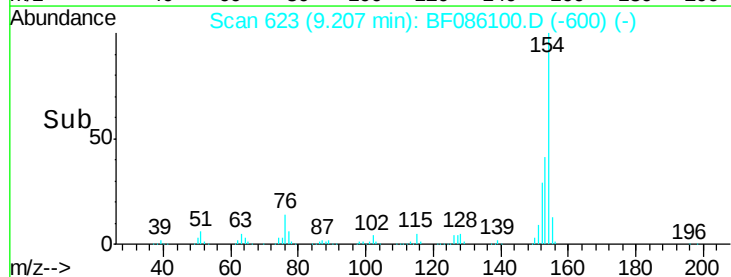
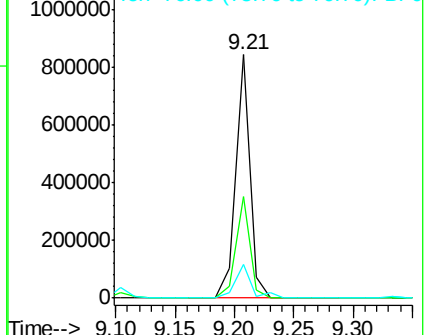
76 13.7 0.0 36.7

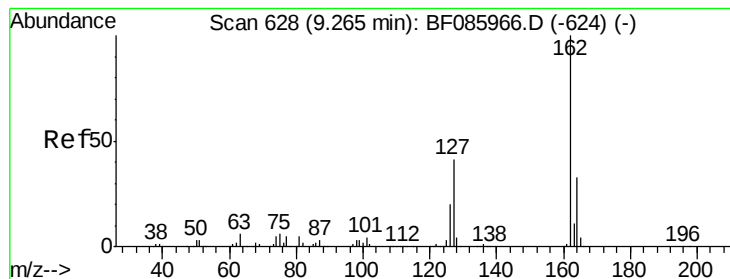


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

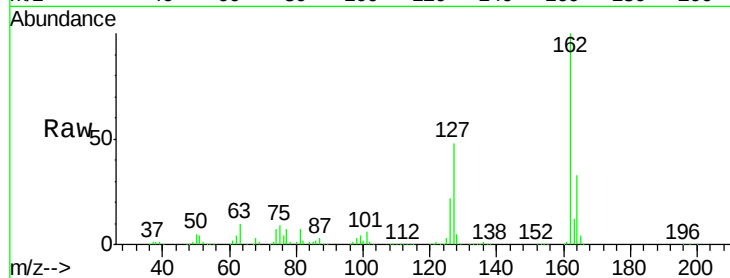




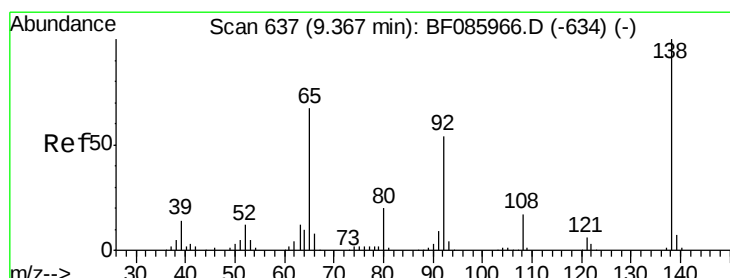
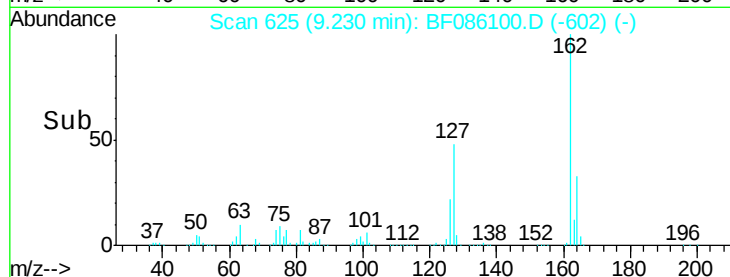
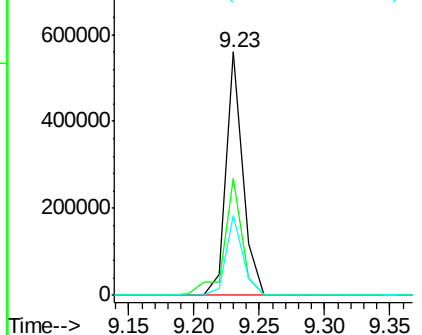
#46
 2-Chloronaphthalene
 Concen: 39.29 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 502621
 Ion Ratio Lower Upper
 162 100
 127 47.9 31.7 47.5#
 164 32.8 27.3 40.9

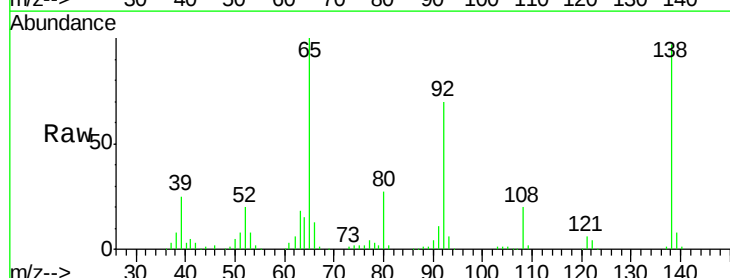


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

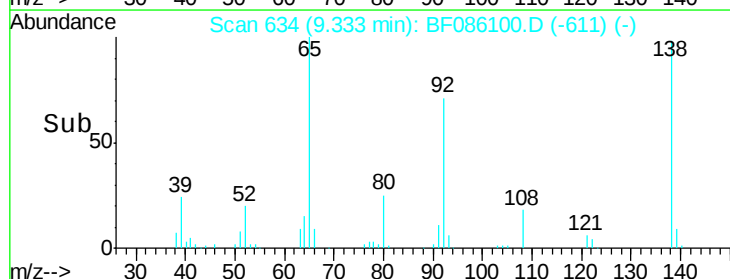
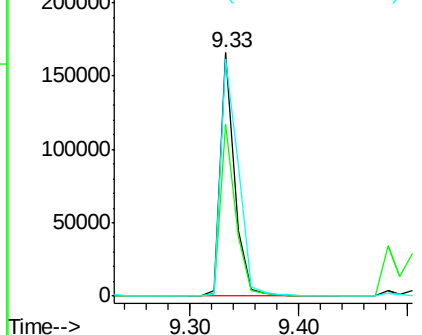


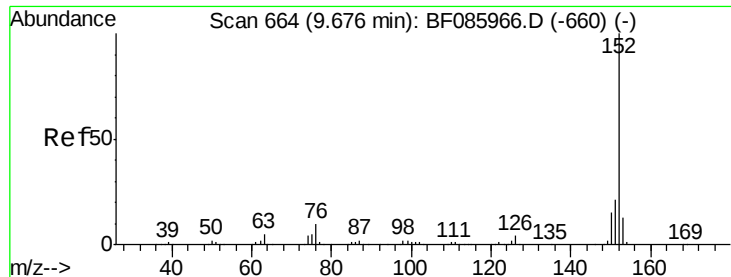
#47
 2-Nitroaniline
 Concen: 41.20 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion: 65 Resp: 154190
 Ion Ratio Lower Upper
 65 100
 92 70.4 59.7 89.5
 138 97.4 91.4 137.0



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 38.10 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

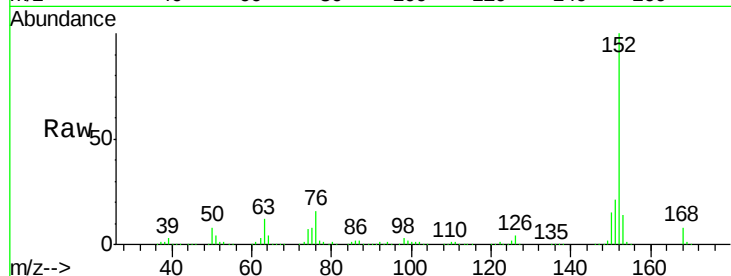
Tgt Ion:152 Resp: 780745

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

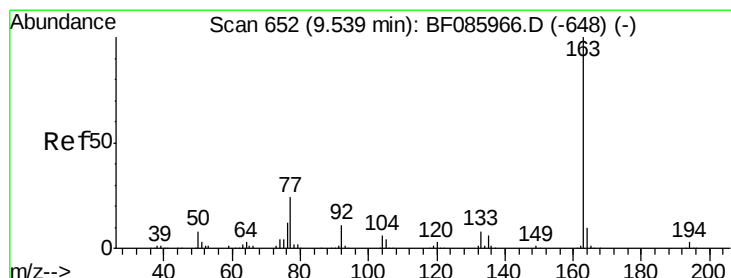
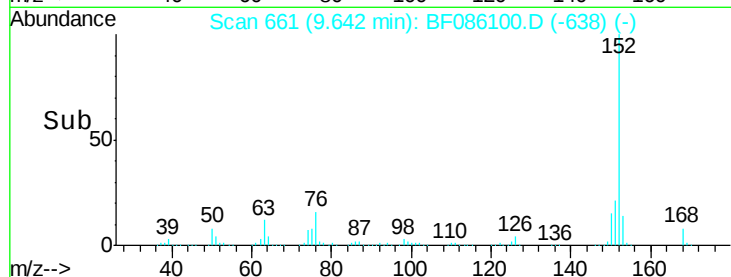
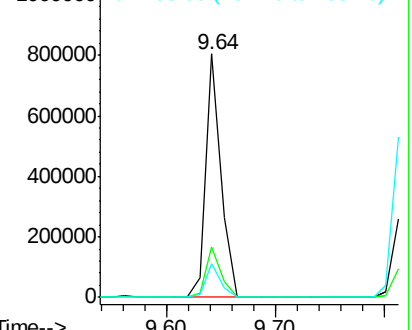
153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.61 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

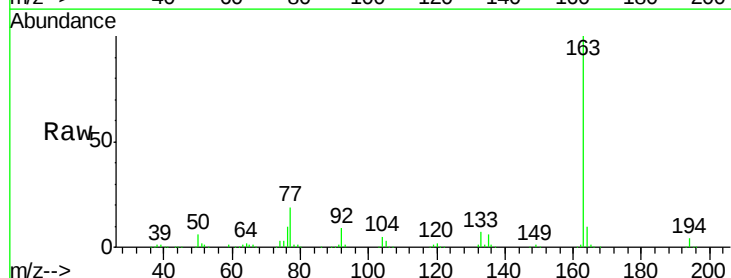
Tgt Ion:163 Resp: 646383

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

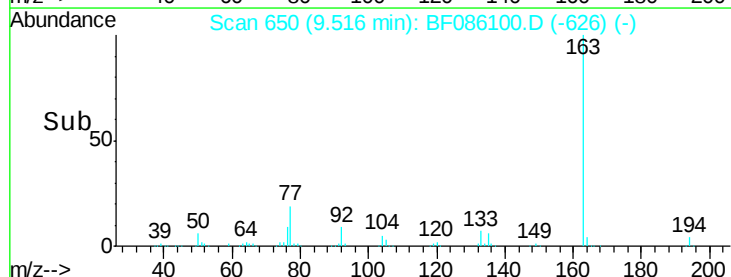
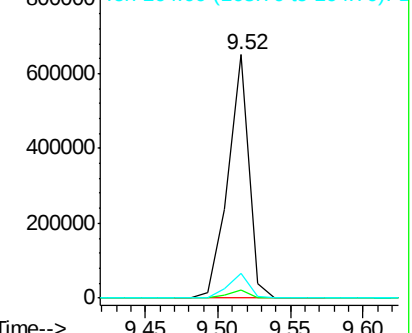
164 10.1 8.3 12.5

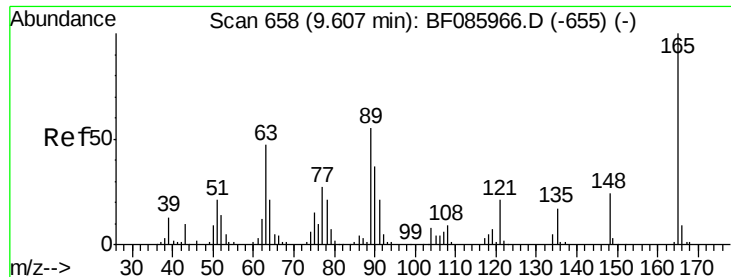


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

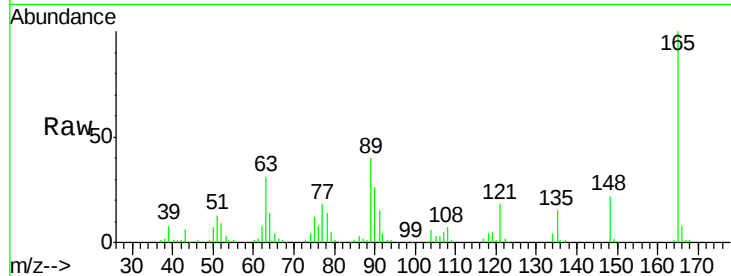




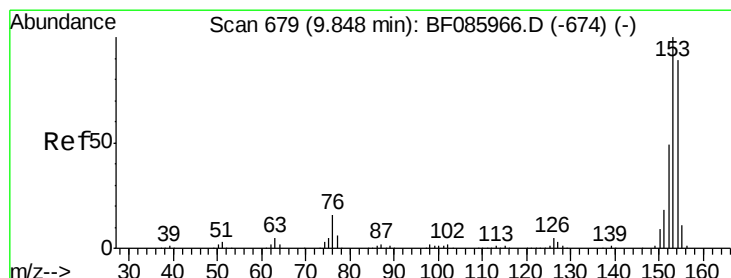
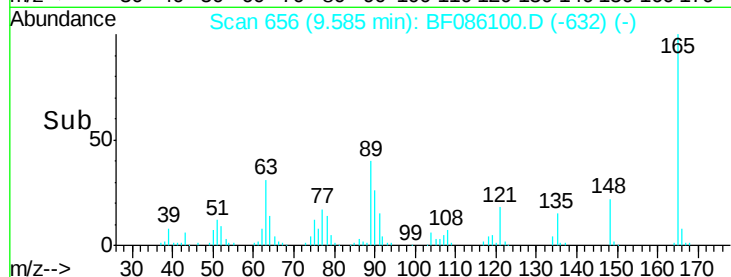
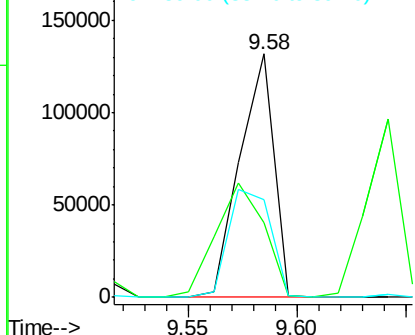
#50
 2,6-Dinitrotoluene
 Concen: 44.72 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 143513
 Ion Ratio Lower Upper
 165 100
 63 30.6 51.8 77.8#
 89 40.1 53.7 80.5#

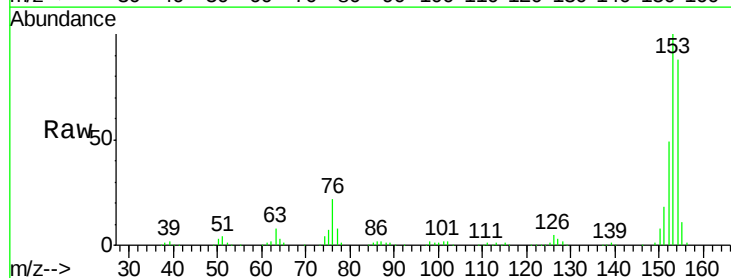


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

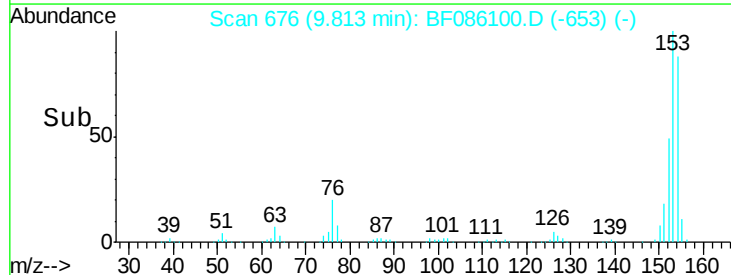
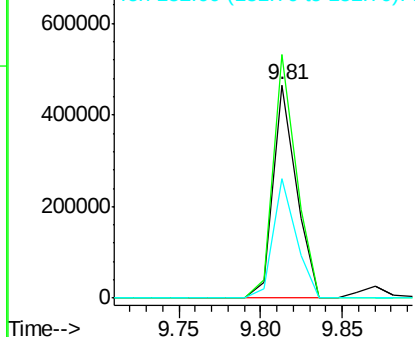


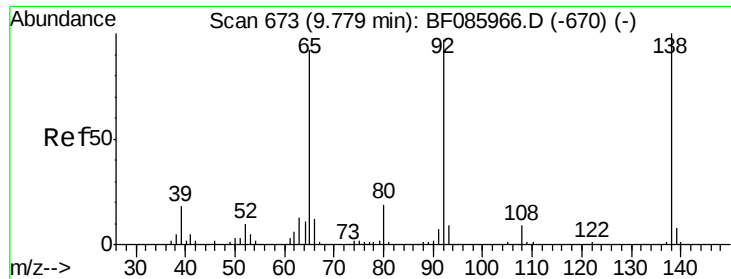
#51
 Acenaphthene
 Concen: 38.14 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion:154 Resp: 464839
 Ion Ratio Lower Upper
 154 100
 153 114.2 90.1 135.1
 152 55.8 44.2 66.2



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

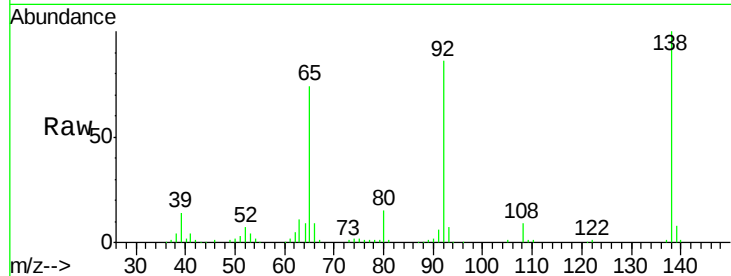




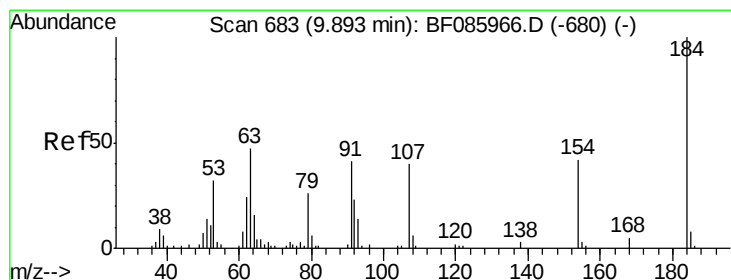
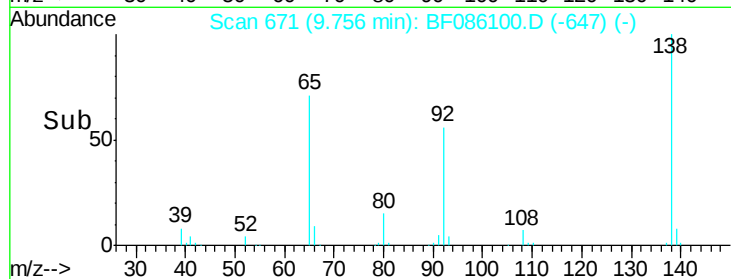
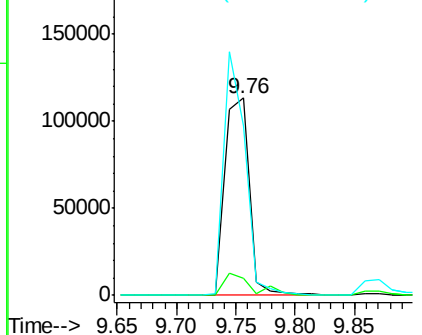
#52
 3-Nitroaniline
 Concen: 41.61 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 160946
 Ion Ratio Lower Upper
 138 100
 108 8.6 8.7 13.1#
 92 85.7 93.3 139.9#

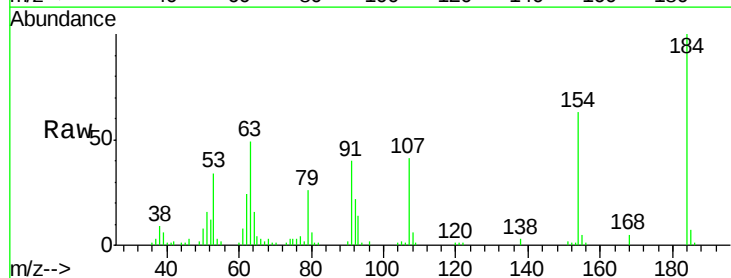


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

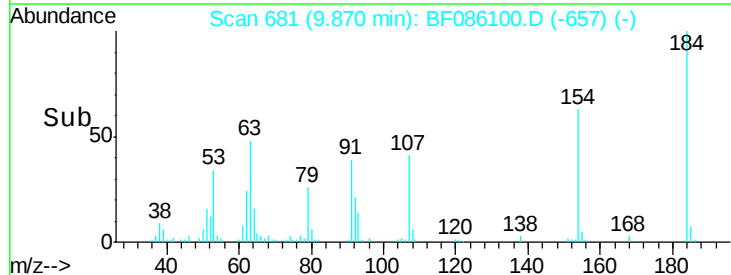
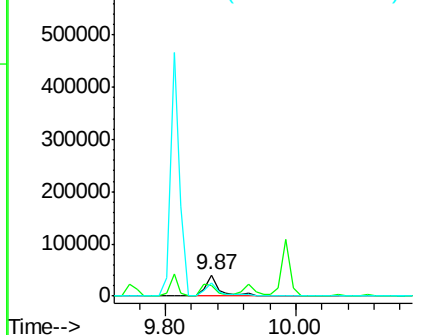


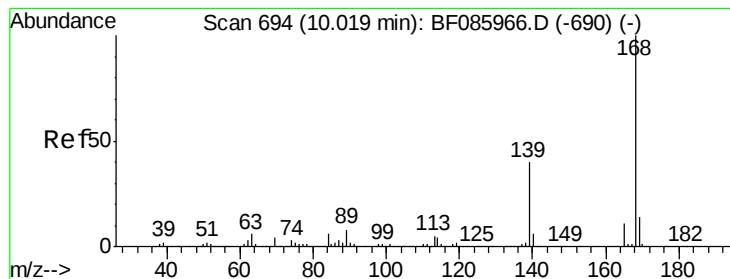
#53
 2,4-Dinitrophenol
 Concen: 38.64 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion:184 Resp: 60681
 Ion Ratio Lower Upper
 184 100
 63 49.2 69.5 104.3#
 154 62.9 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 38.09 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

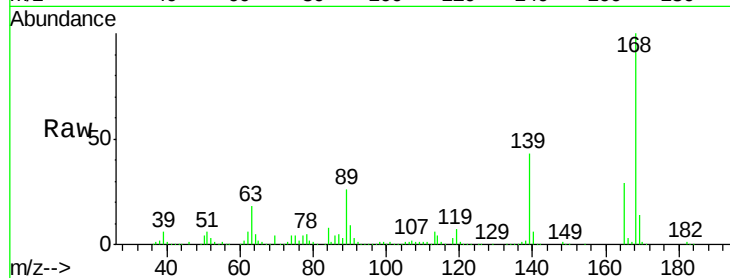
Tgt Ion:168 Resp: 613005

Ion Ratio Lower Upper

168 100

139 43.2 31.9 47.9

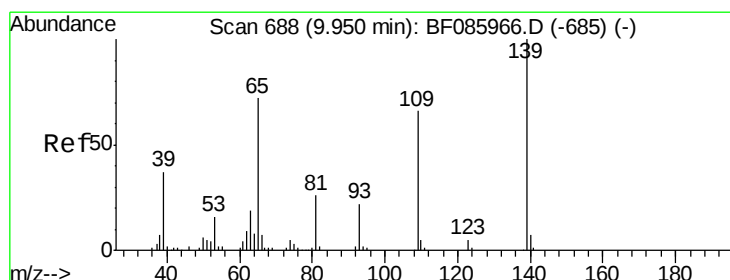
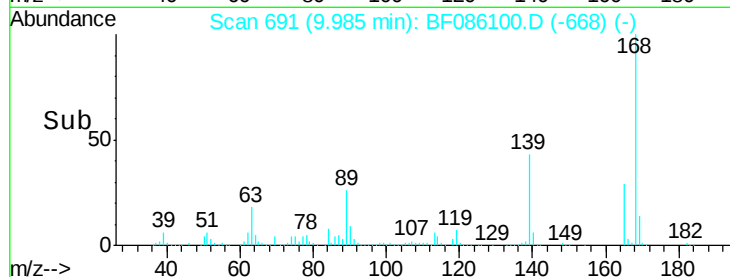
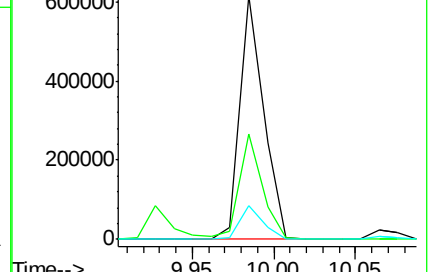
169 13.6 11.0 16.6



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: 40.64 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

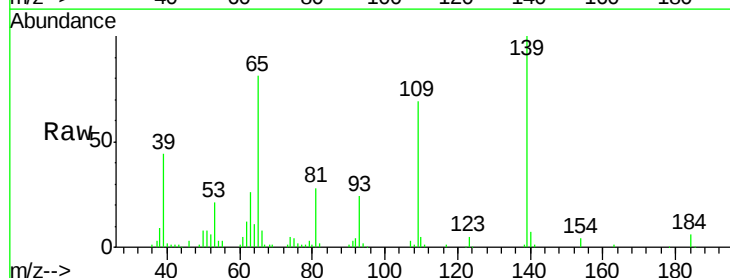
Tgt Ion:139 Resp: 92674

Ion Ratio Lower Upper

139 100

109 69.4 49.2 89.2

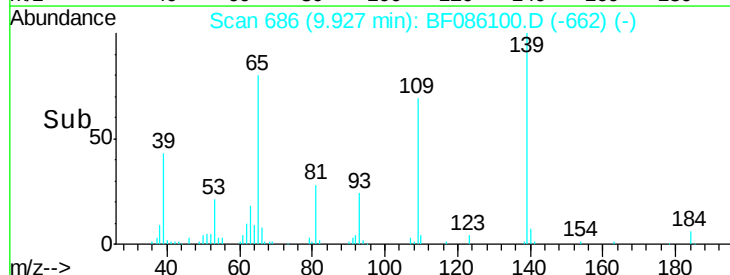
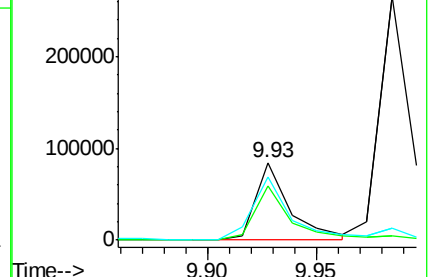
65 80.9 66.9 106.9

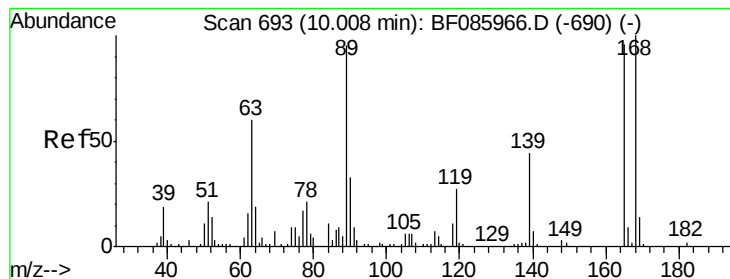


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 38.96 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 158016

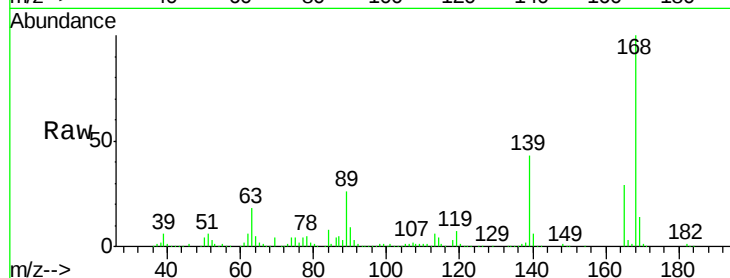
Ion Ratio Lower Upper

165 100

63 61.7 24.9 37.3#

89 90.3 41.0 61.6#

182 2.5 2.1 3.1

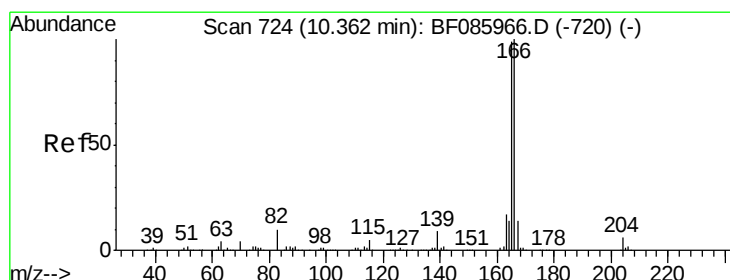
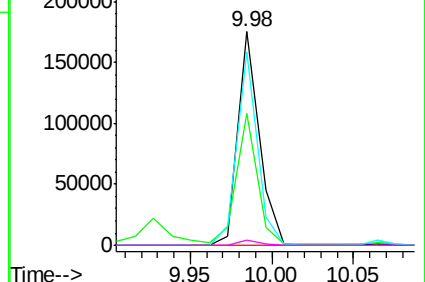
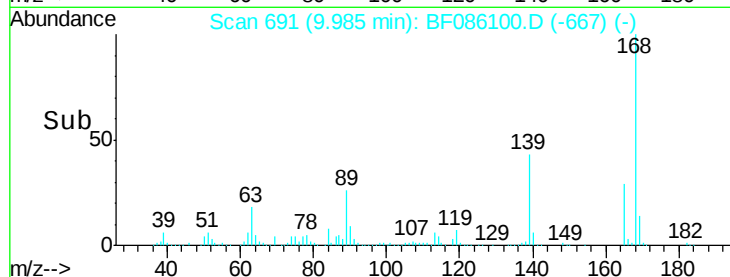


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 37.00 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

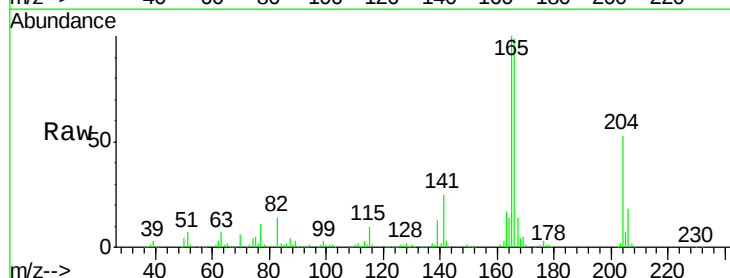
Tgt Ion:166 Resp: 508745

Ion Ratio Lower Upper

166 100

165 100.6 79.4 119.0

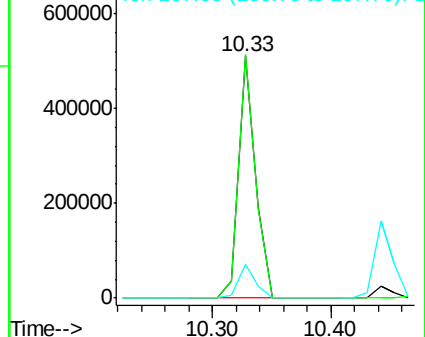
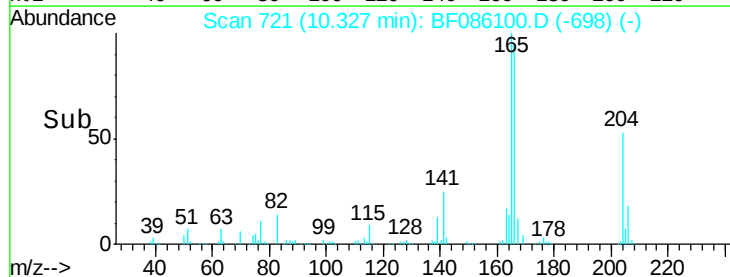
167 13.8 11.0 16.4

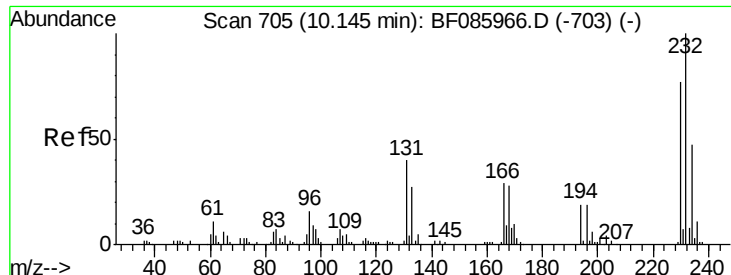


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

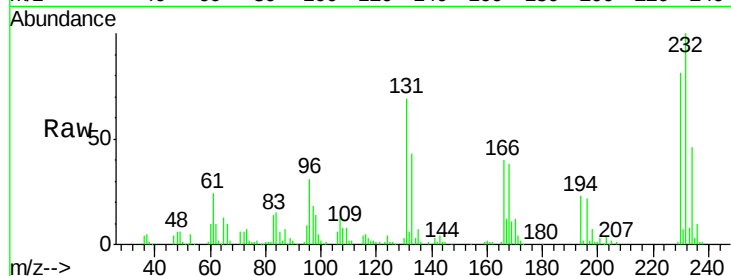




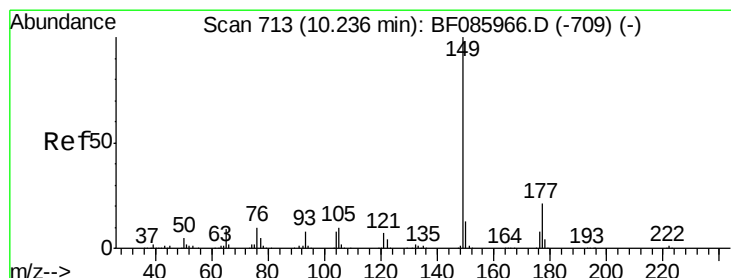
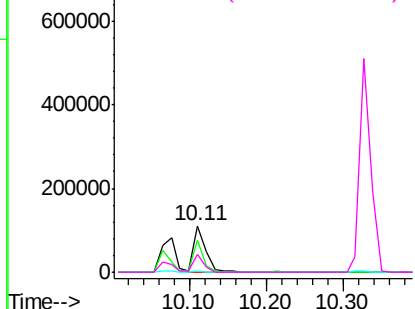
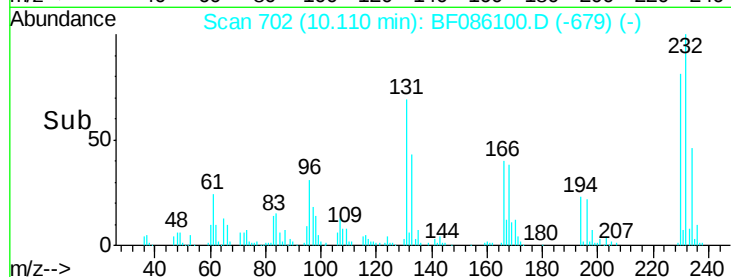
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.07 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	119645
Ion	Ratio	Lower	Upper
232	100		
131	59.1	44.9	67.3
130	2.8	2.3	3.5
166	33.1	28.1	42.1

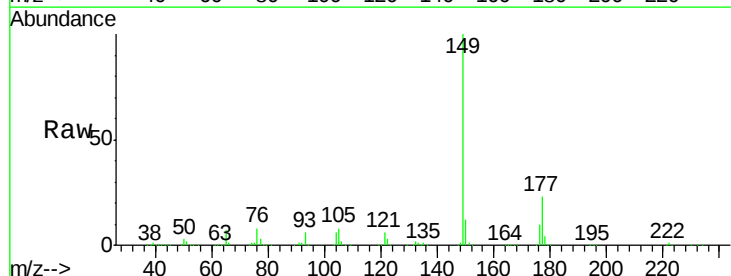


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

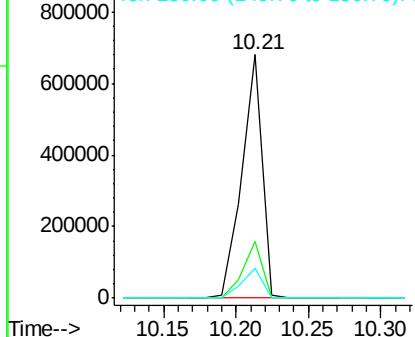
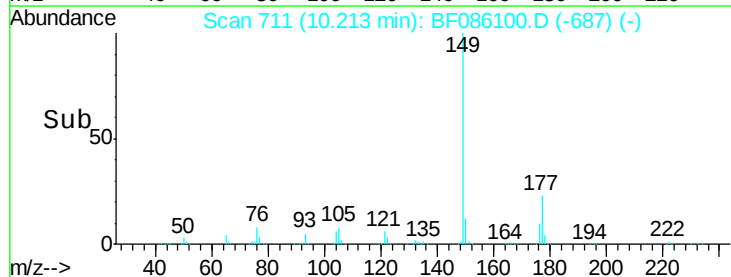


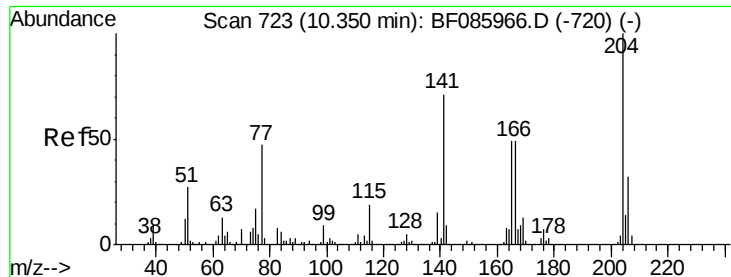
#59
 Diethylphthalate
 Concen: 43.05 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion:	149	Resp:	659189
Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.9	26.9
150	12.3	10.2	15.2



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

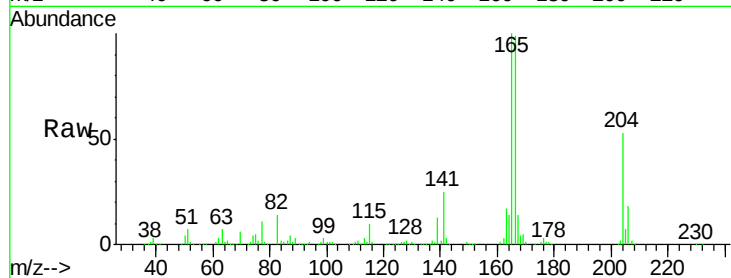




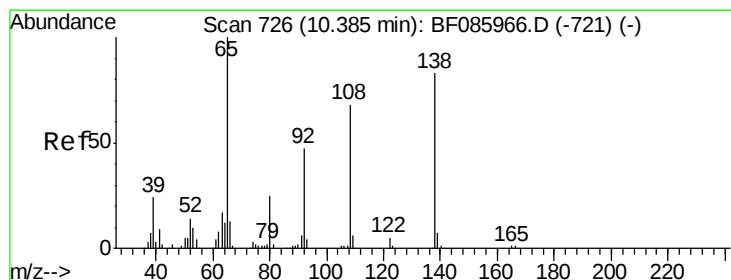
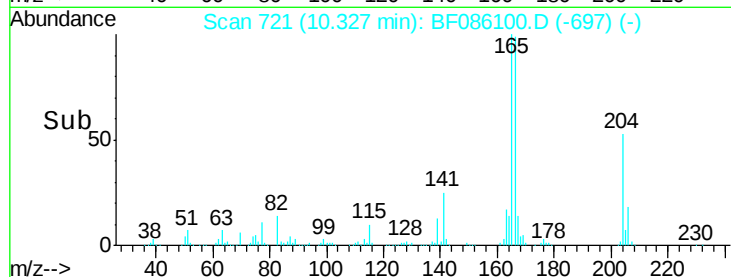
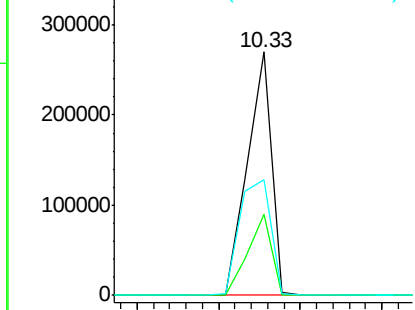
#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 275840
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 47.4 57.4 86.0#

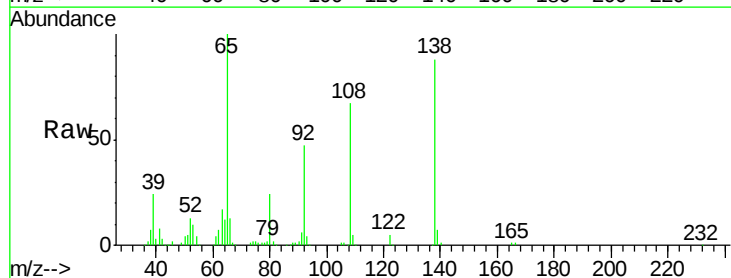


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

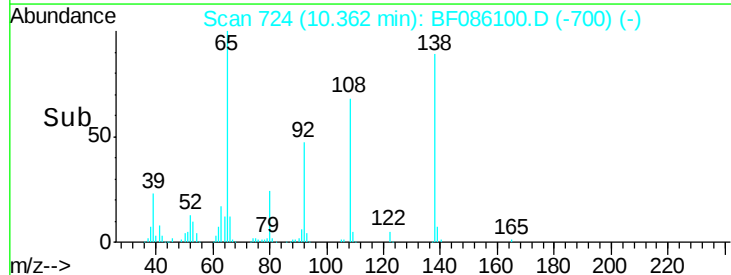
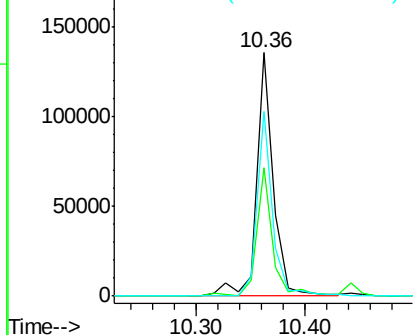


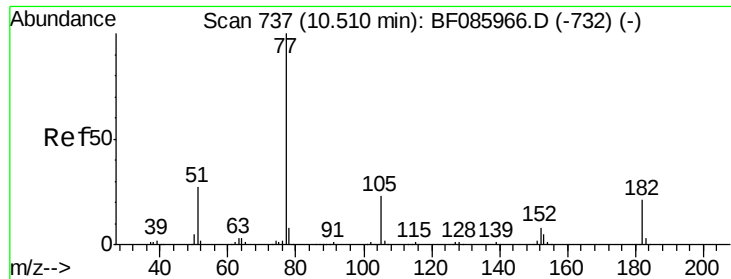
#61
4-Nitroaniline
Concen: 38.22 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion: 138 Resp: 145610
Ion Ratio Lower Upper
138 100
92 53.0 26.4 66.4
108 76.1 49.0 89.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

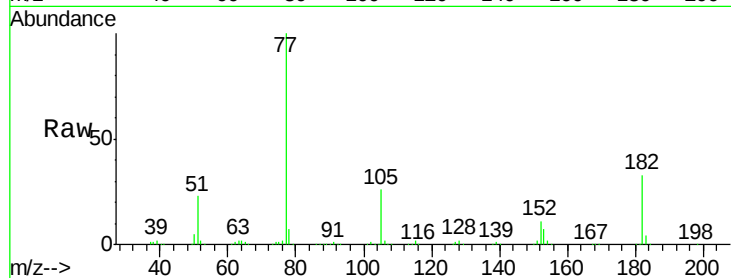




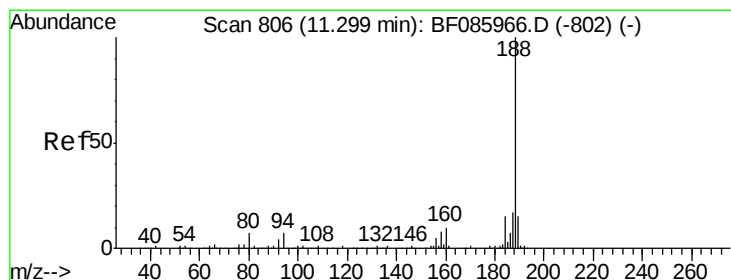
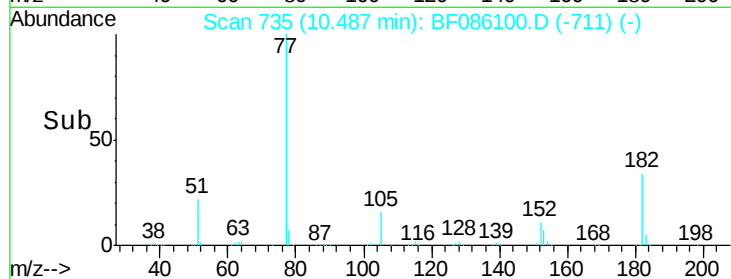
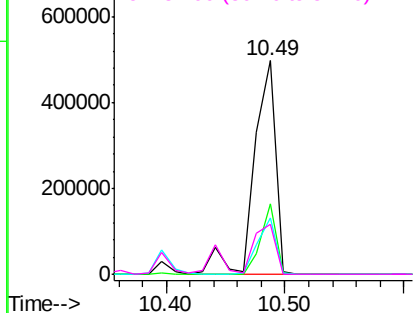
#62
Azobenzene
Concen: 43.07 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 631606
Ion Ratio Lower Upper
77 100
182 32.8 1.9 41.9
105 26.5 3.5 43.5
51 23.3 6.3 46.3

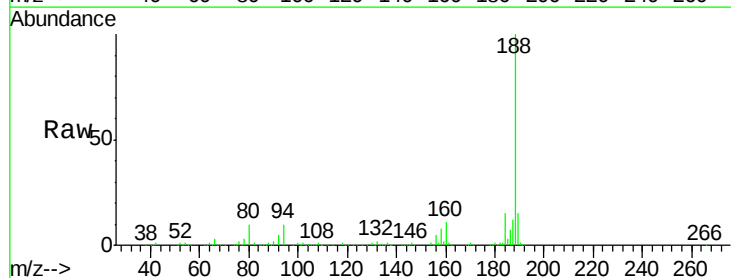


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

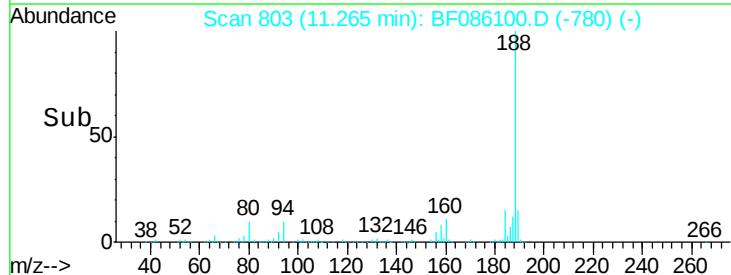
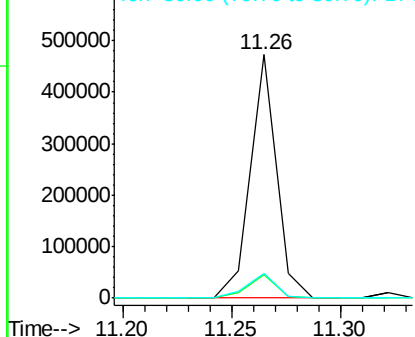


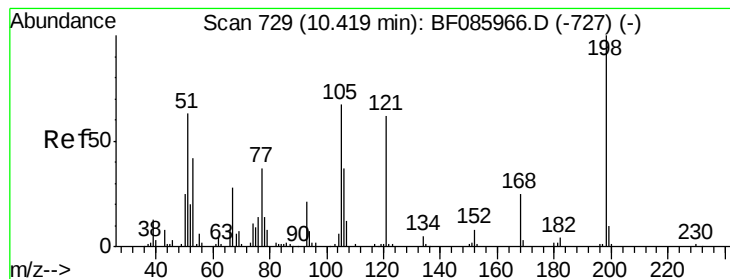
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion: 188 Resp: 395222
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 10.0 5.5 8.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 40.12 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

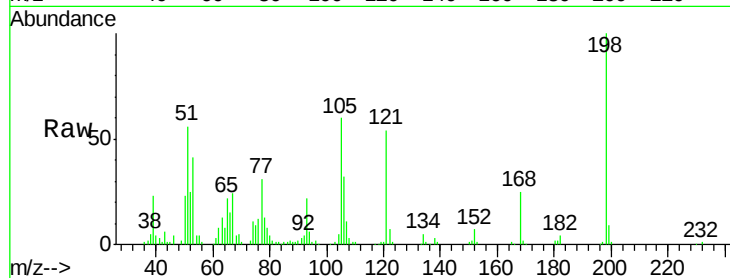
Tgt Ion:198 Resp: 96092

Ion Ratio Lower Upper

198 100

51 55.6 45.4 85.4

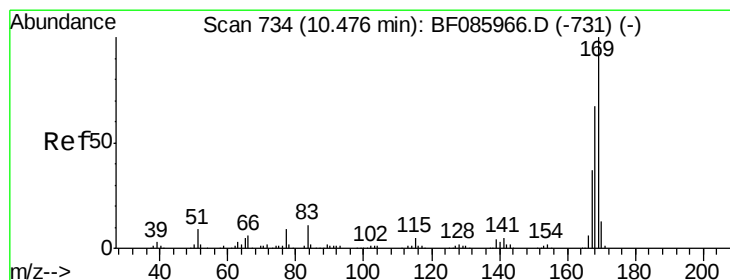
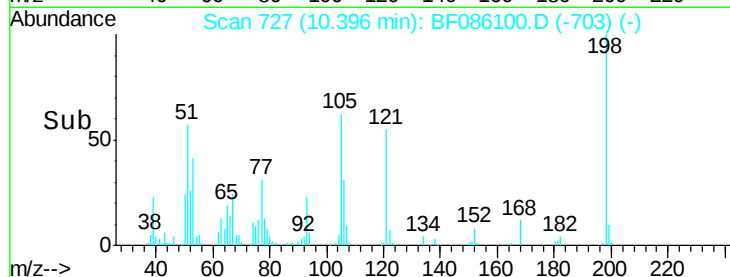
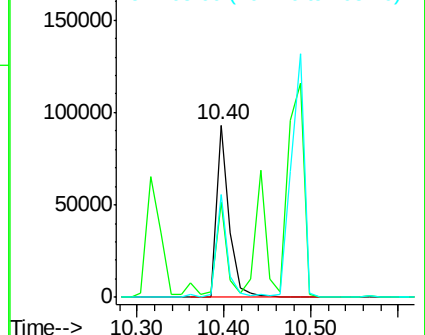
105 59.9 45.9 85.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.90 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

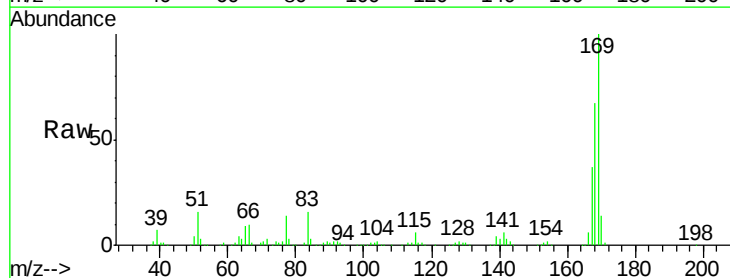
Tgt Ion:169 Resp: 468442

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

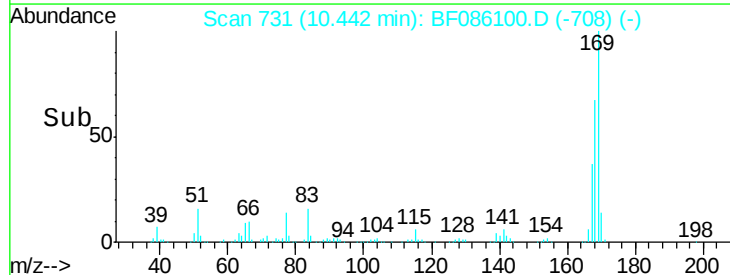
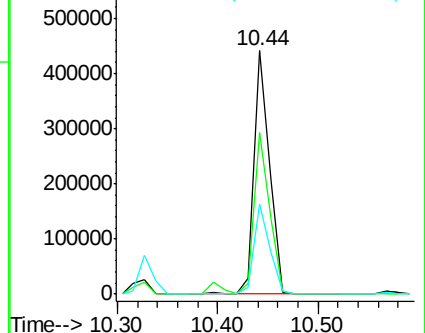
167 37.0 29.4 44.0

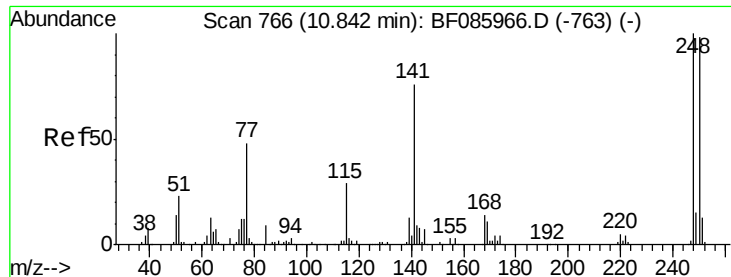


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

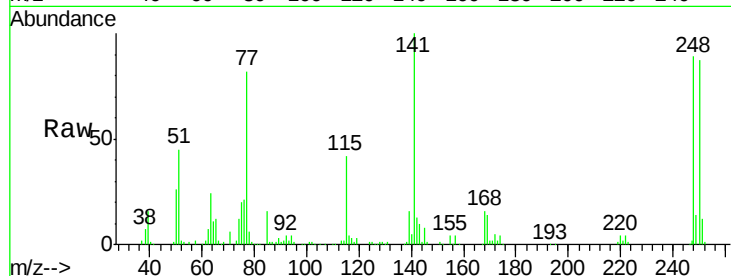




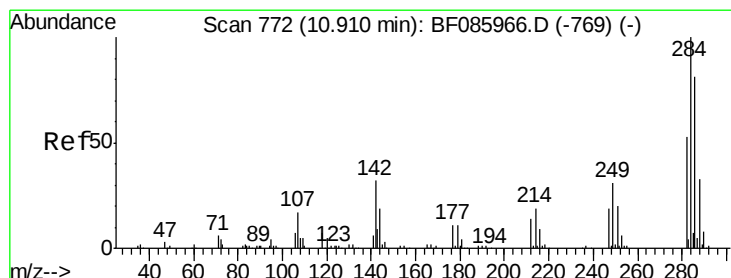
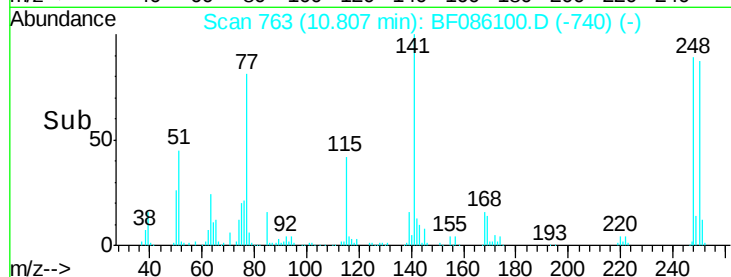
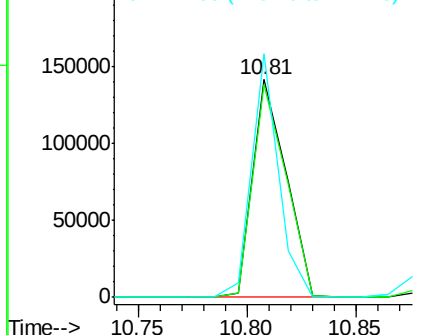
#66
4-Bromophenyl-phenylether
Concen: 37.37 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 150787
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.0
141 111.8 63.6 95.4#

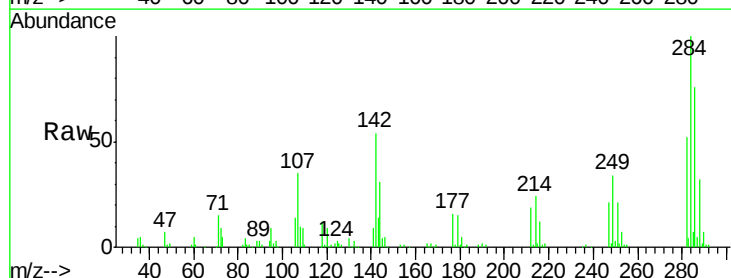


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

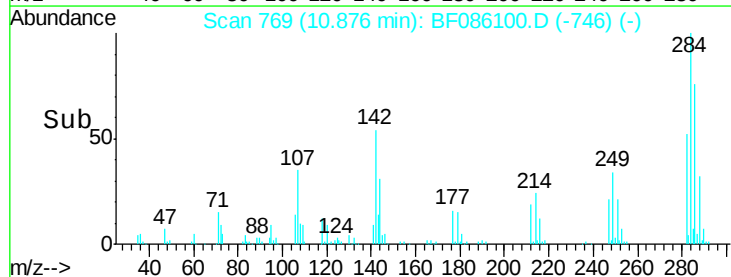
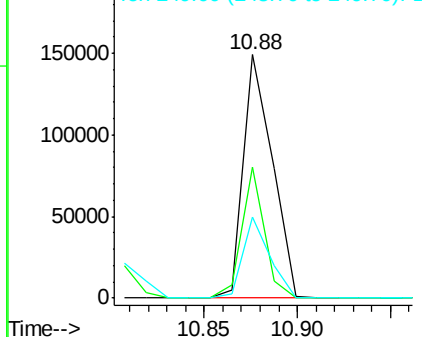


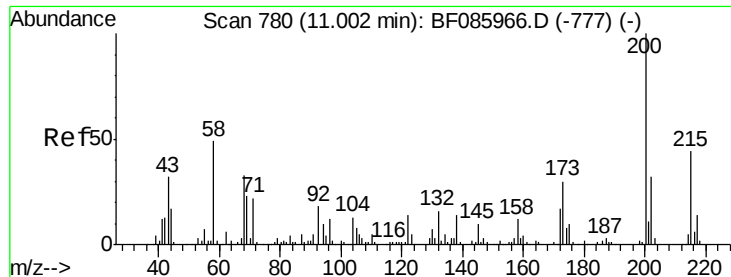
#67
Hexachlorobenzene
Concen: 38.61 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion:284 Resp: 161114
Ion Ratio Lower Upper
284 100
142 53.9 23.1 34.7#
249 33.5 24.2 36.2



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

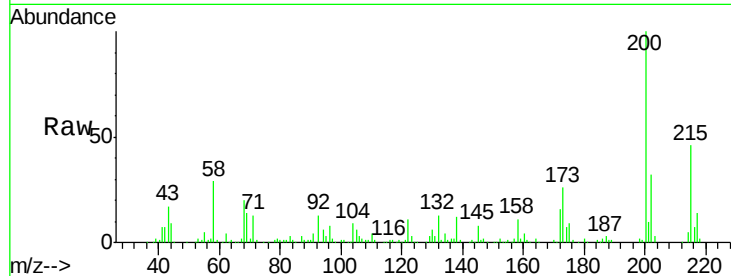




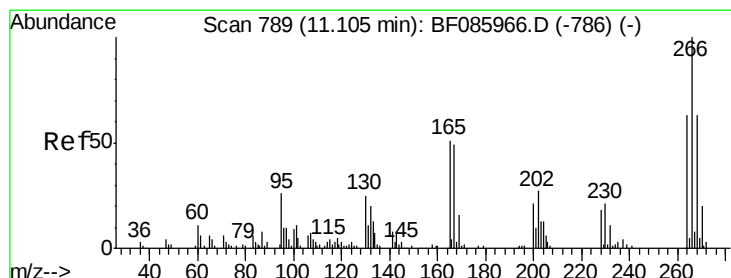
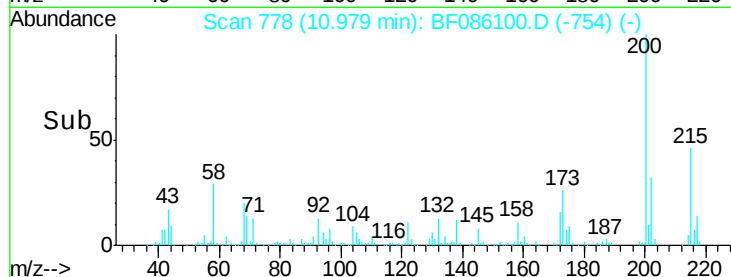
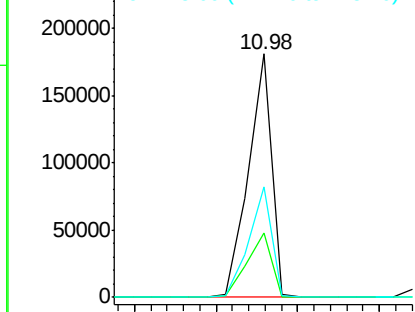
#68
Atrazine
Concen: 44.51 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 177741
Ion Ratio Lower Upper
200 100
173 26.3 7.7 47.7
215 45.6 25.4 65.4

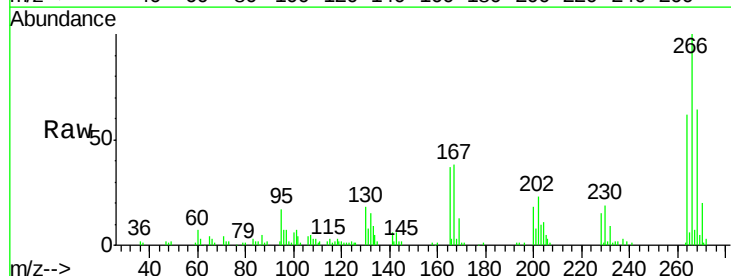


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

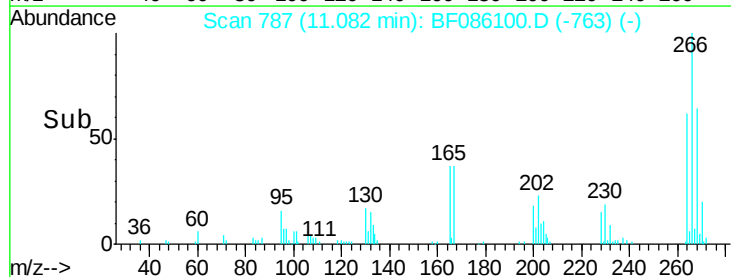
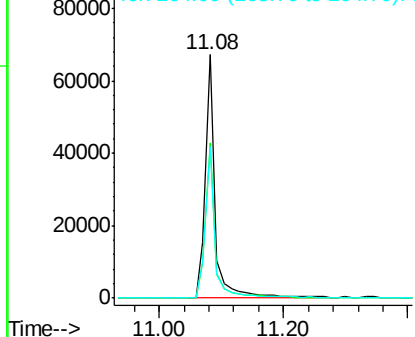


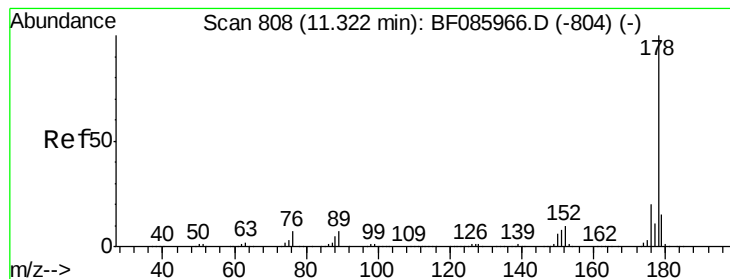
#69
Pentachlorophenol
Concen: 38.34 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion:266 Resp: 74967
Ion Ratio Lower Upper
266 100
268 63.7 51.5 77.3
264 62.4 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.37 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

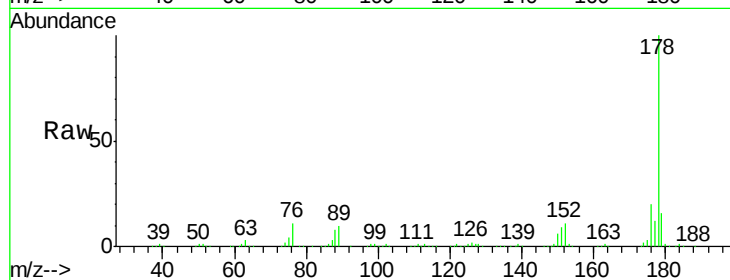
Tgt Ion:178 Resp: 784130

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

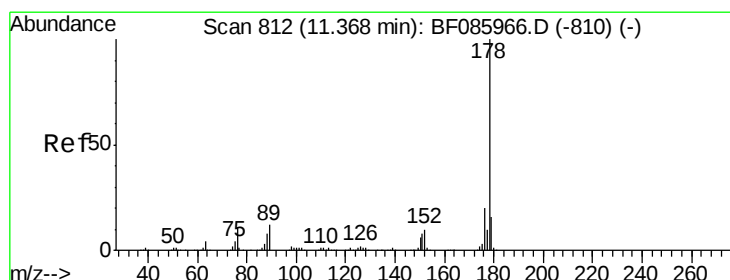
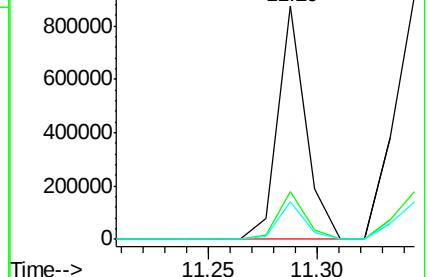
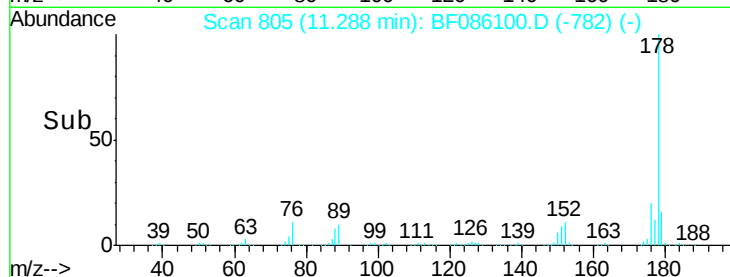
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.46 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

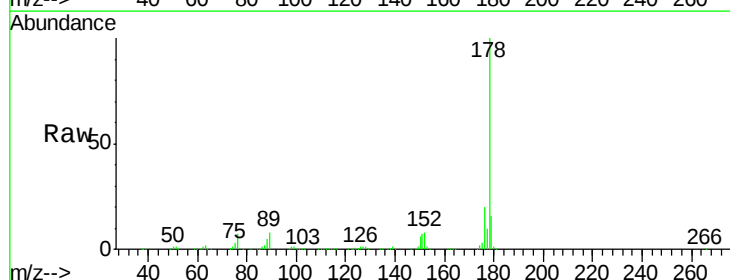
Tgt Ion:178 Resp: 913724

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

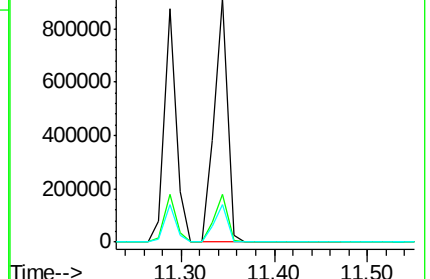
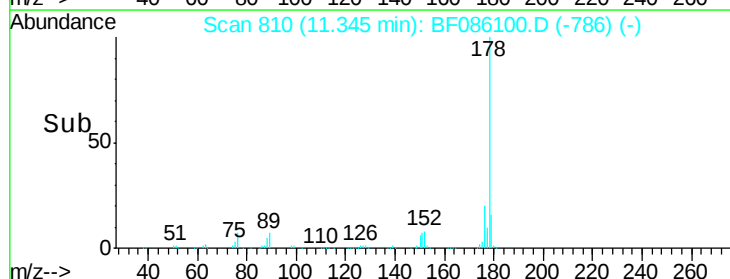
179 15.6 13.0 19.4

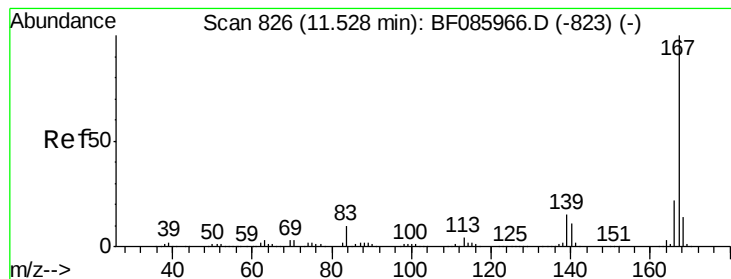


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.29 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

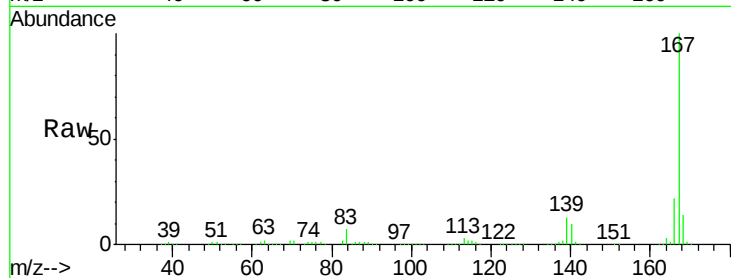
Tgt Ion:167 Resp: 782175

Ion Ratio Lower Upper

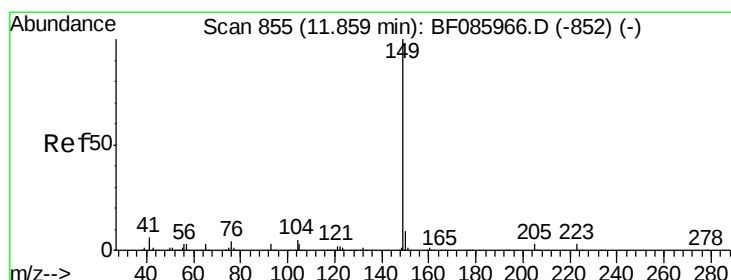
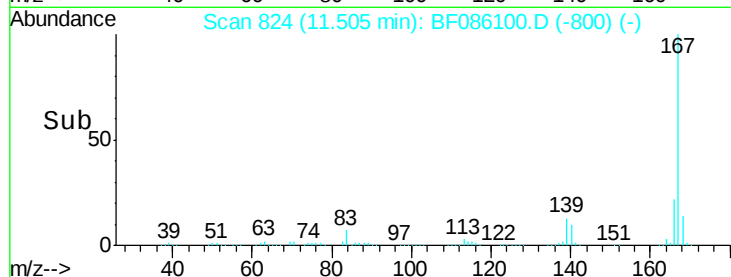
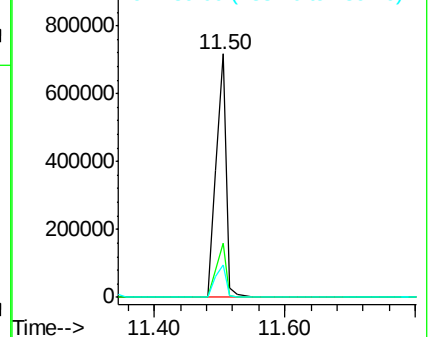
167 100

166 22.1 17.8 26.8

139 13.3 11.6 17.4



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



#73

Di-n-butylphthalate

Concen: 37.59 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

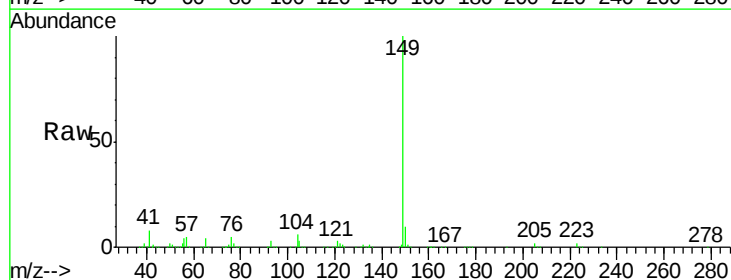
Tgt Ion:149 Resp: 904242

Ion Ratio Lower Upper

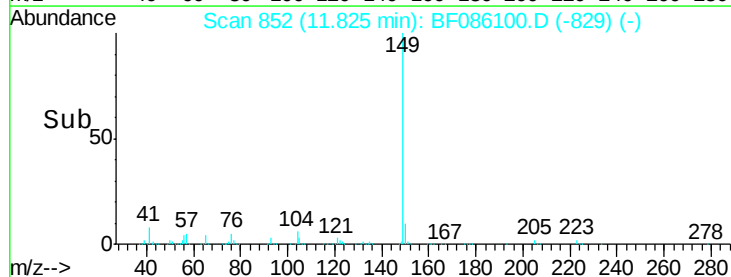
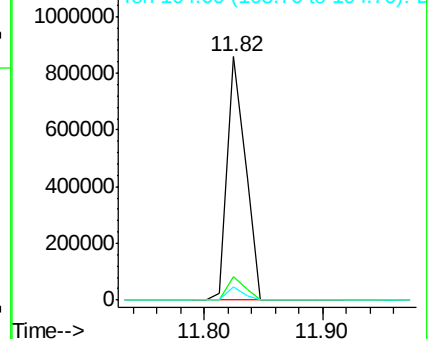
149 100

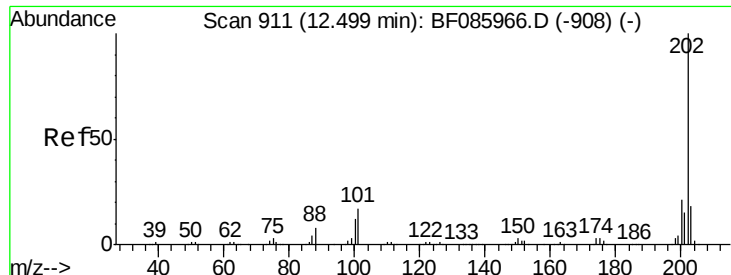
150 9.6 7.6 11.4

104 5.7 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

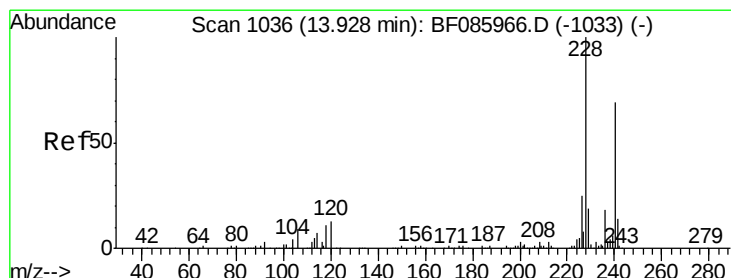
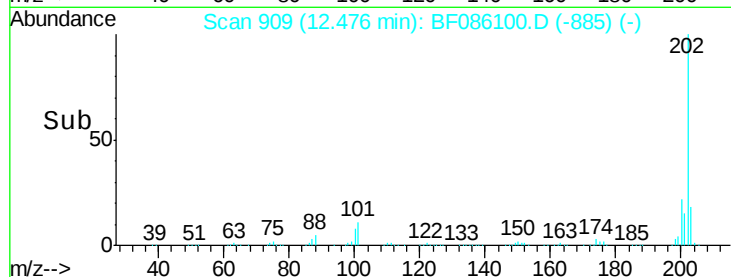
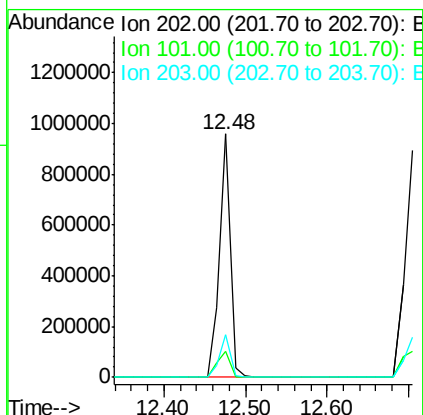
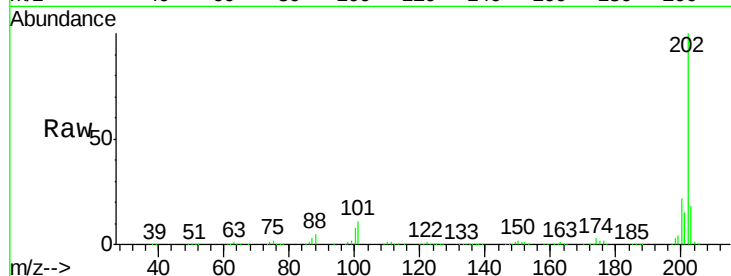




#74
Fluoranthene
 Concen: 39.15 ng
 RT: 12.48 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

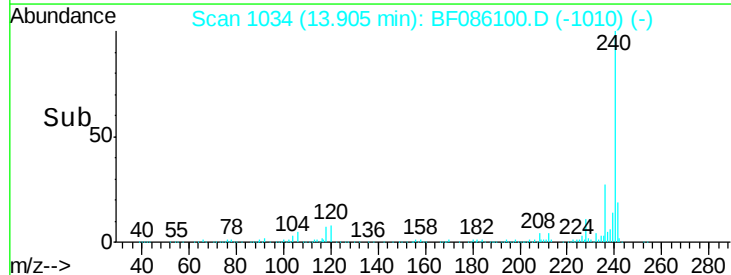
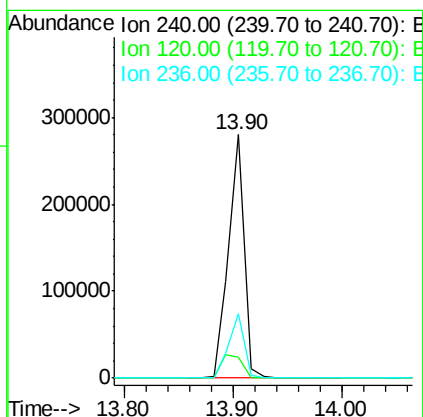
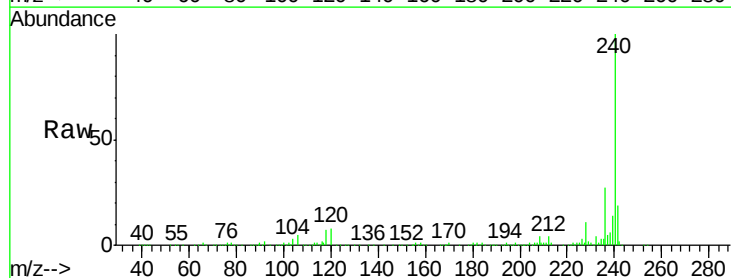
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

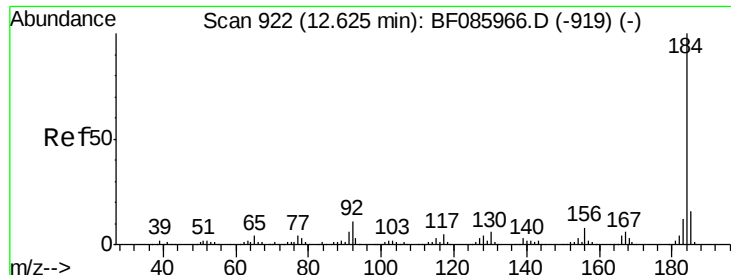
Tgt Ion: 202 Resp: 877893
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 36.6
 203 17.7 0.0 38.1



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion: 240 Resp: 280303
 Ion Ratio Lower Upper
 240 100
 120 8.5 13.8 20.8#
 236 26.6 20.6 30.8

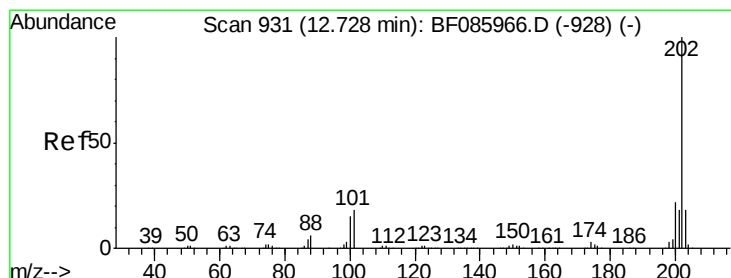
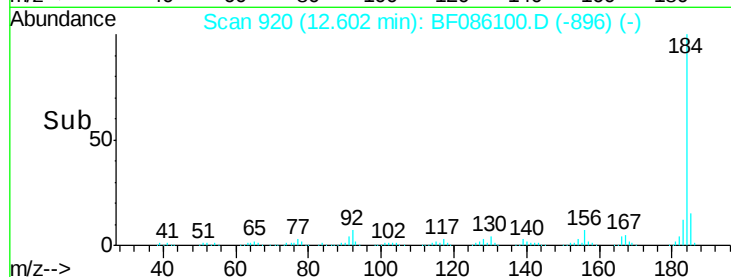
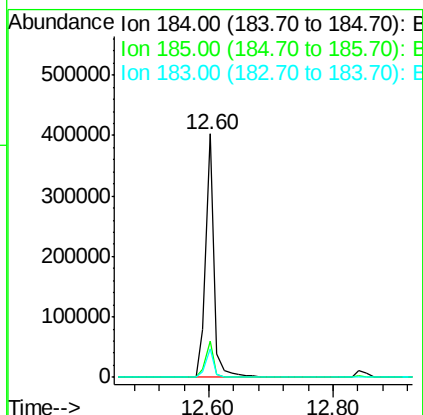
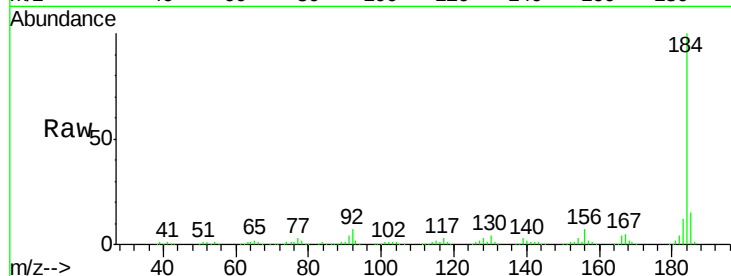




#76
Benzidine
Concen: 38.61 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

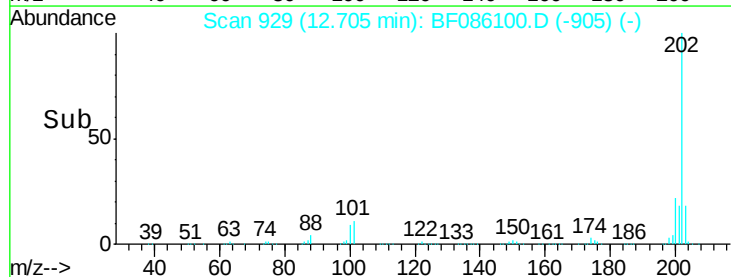
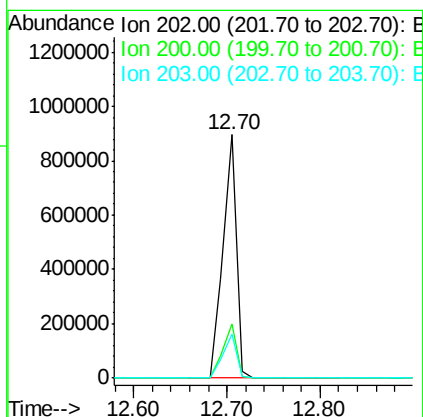
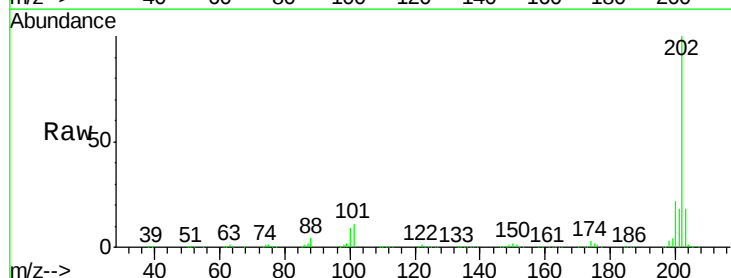
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

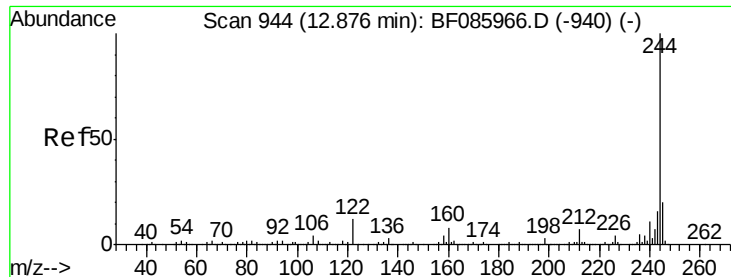
Tgt Ion:184 Resp: 381854
Ion Ratio Lower Upper
184 100
185 15.0 12.4 18.6
183 11.7 9.4 14.2



#77
Pyrene
Concen: 45.06 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion:202 Resp: 890144
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 17.8 14.0 21.0

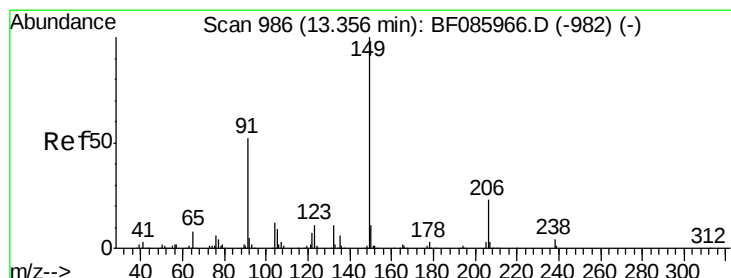
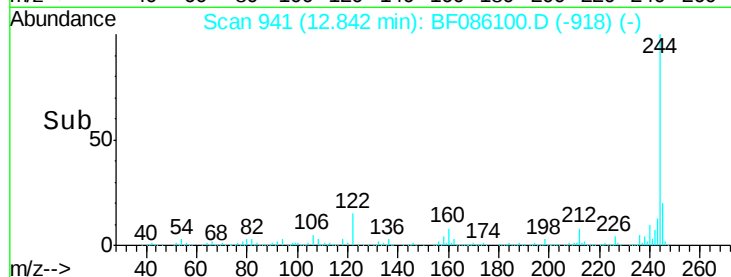
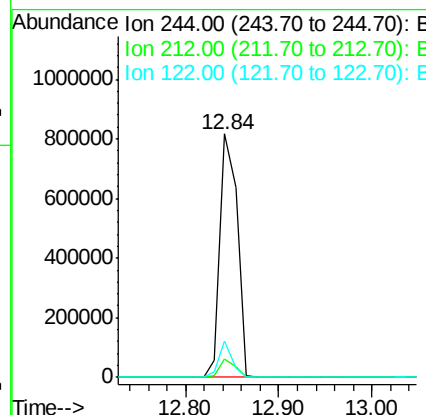
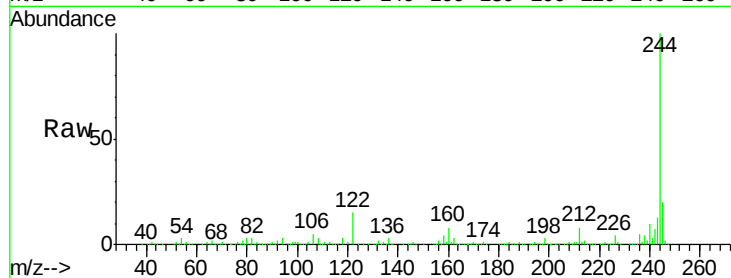




#78
 Terphenyl-d14
 Concen: 87.50 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

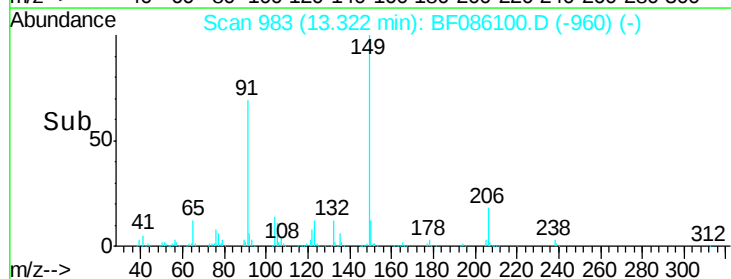
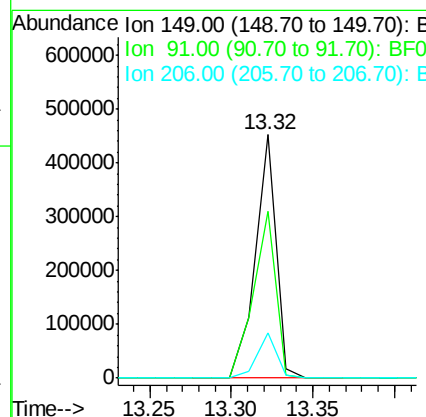
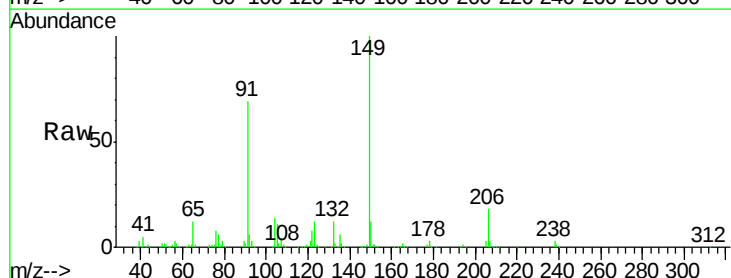
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

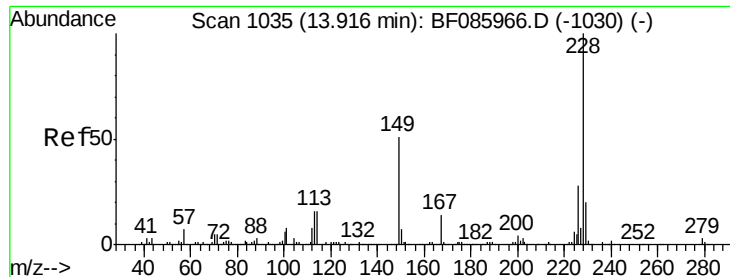
Tgt Ion:244 Resp: 1043420
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.7 10.2 15.4



#79
 Butylbenzylphthalate
 Concen: 44.93 ng
 RT: 13.32 min Scan# 983
 Delta R.T. -0.03 min
 Lab File: BF086100.D
 Acq: 6 Apr 2016 15:59

Tgt Ion:149 Resp: 399614
 Ion Ratio Lower Upper
 149 100
 91 68.7 45.8 68.8
 206 18.4 17.8 26.8





#80

Benzo(a)anthracene

Concen: 39.81 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

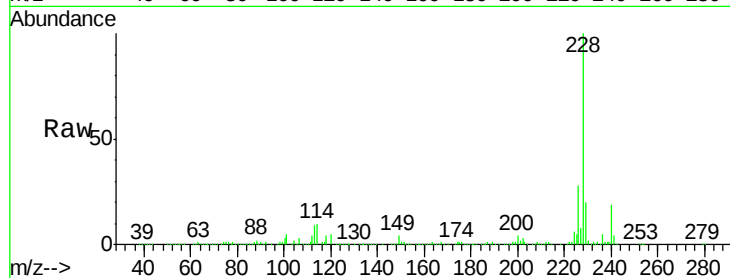
Tgt Ion:228 Resp: 657725

Ion Ratio Lower Upper

228 100

226 28.3 22.1 33.1

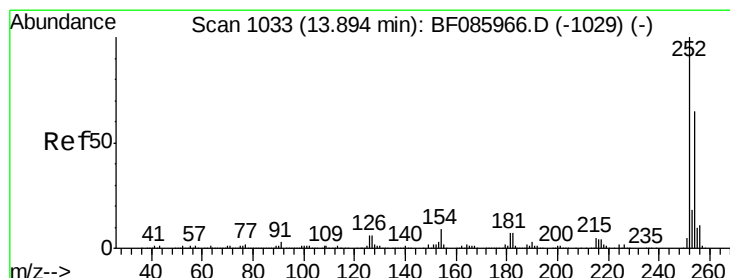
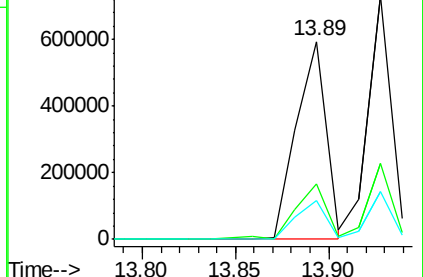
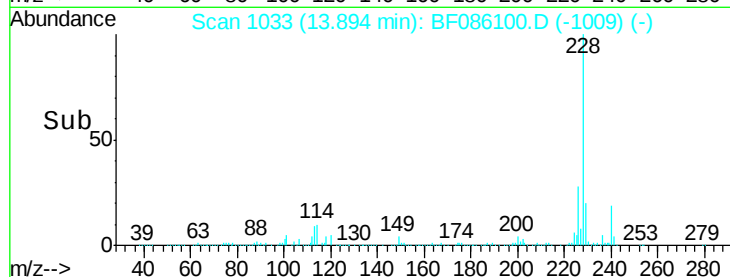
229 19.8 16.2 24.4



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



#81

3,3'-Dichlorobenzidine

Concen: 41.81 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

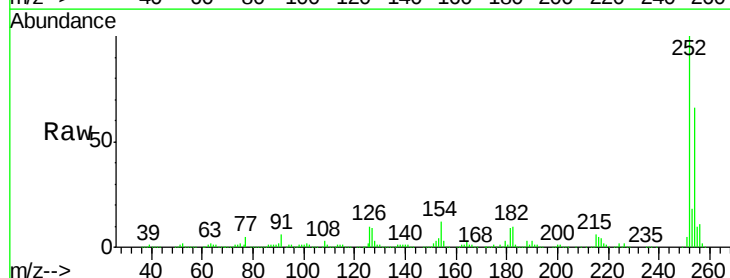
Tgt Ion:252 Resp: 504531

Ion Ratio Lower Upper

252 100

254 65.6 50.7 76.1

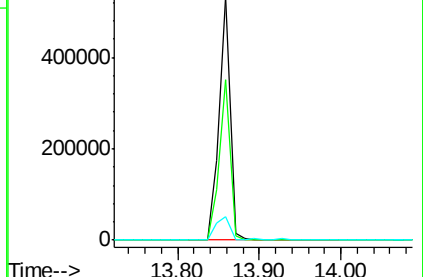
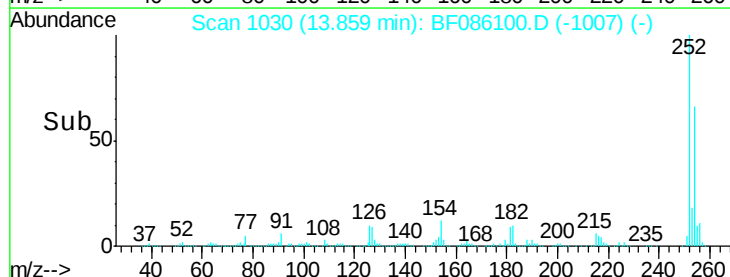
126 9.8 11.8 17.6#

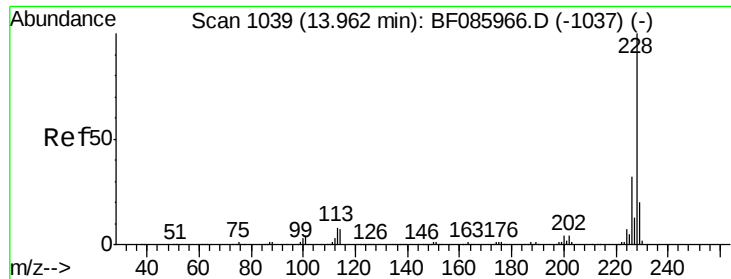


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.08 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

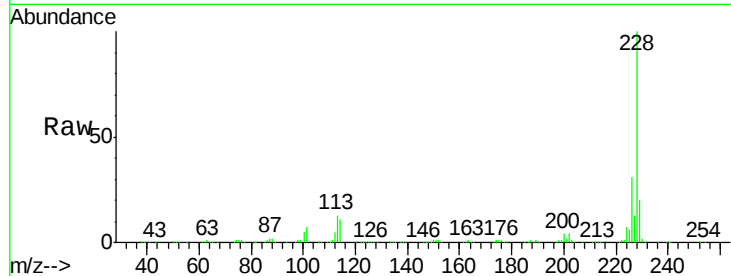
Tgt Ion:228 Resp: 637884

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

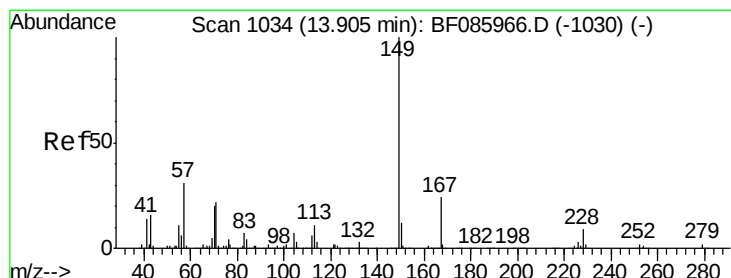
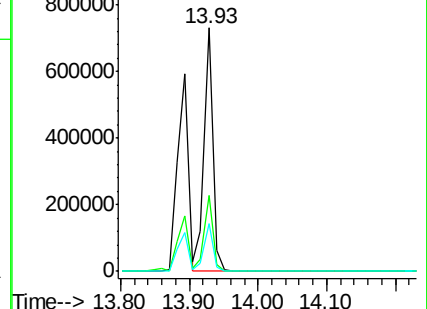
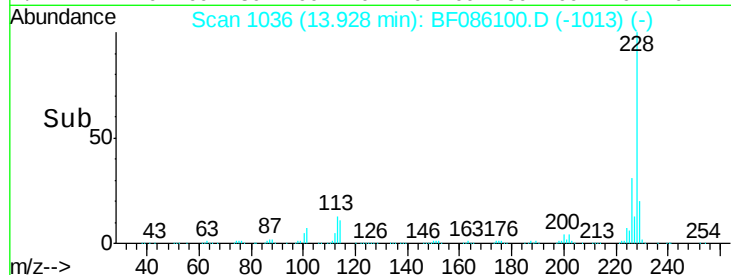
229 19.9 15.7 23.5



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: 40.65 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

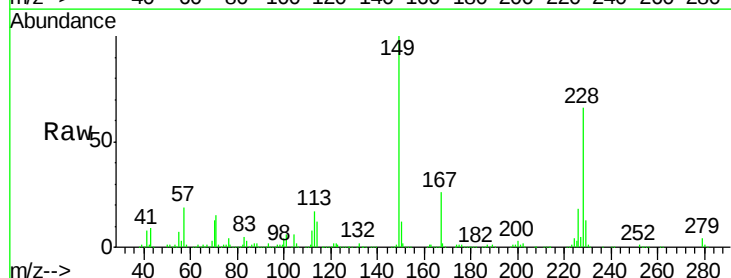
Tgt Ion:149 Resp: 479855

Ion Ratio Lower Upper

149 100

167 26.4 19.4 29.2

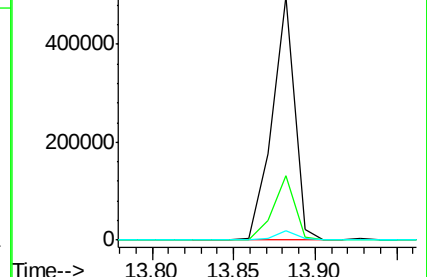
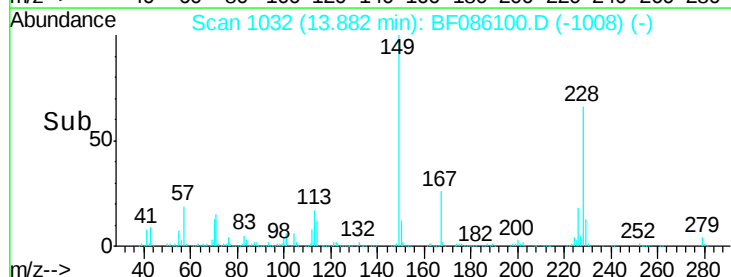
279 3.8 1.5 2.3#

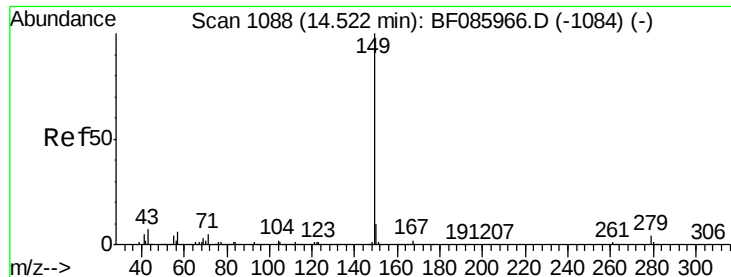


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.34 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

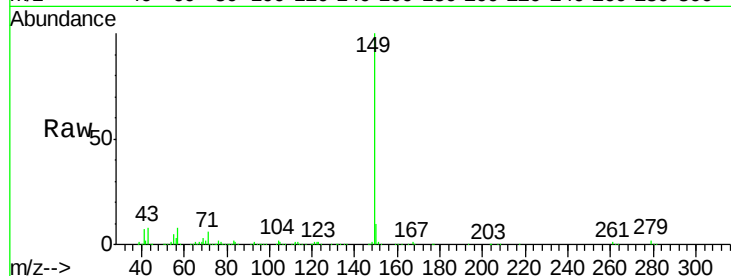
Tgt Ion:149 Resp: 741615

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

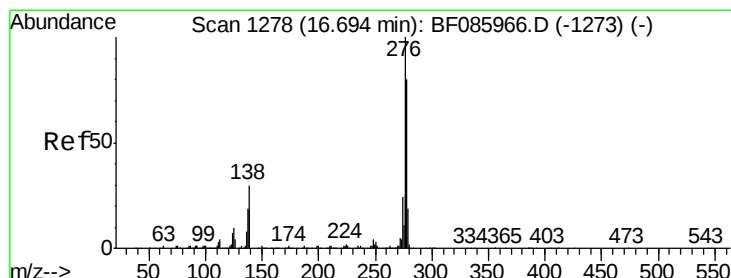
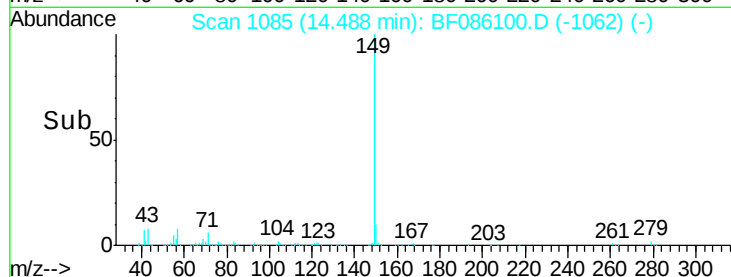
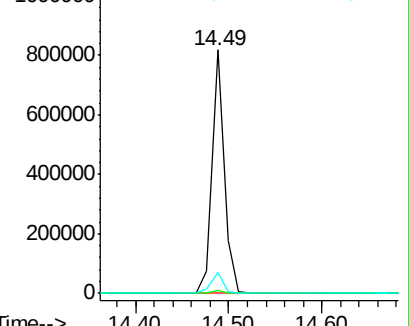
43 8.5 7.1 10.7



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): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.27 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

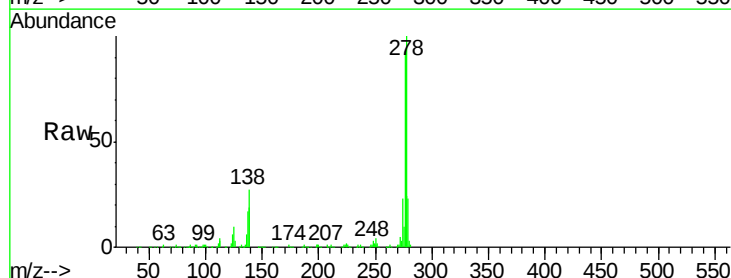
Tgt Ion:276 Resp: 532936

Ion Ratio Lower Upper

276 100

138 29.4 24.2 36.4

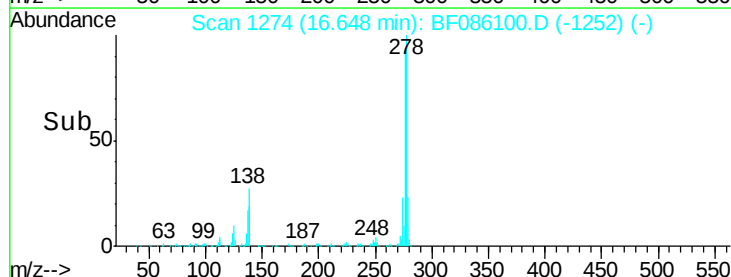
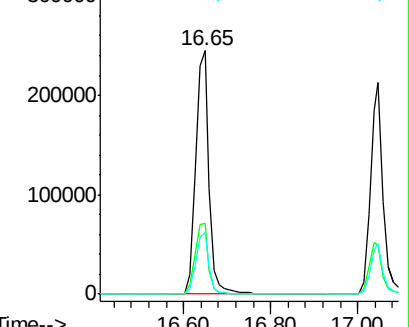
277 24.9 20.0 30.0

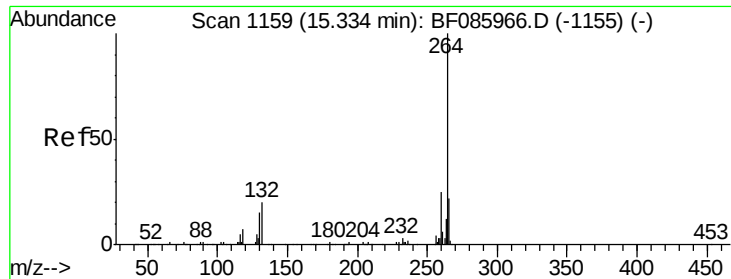


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

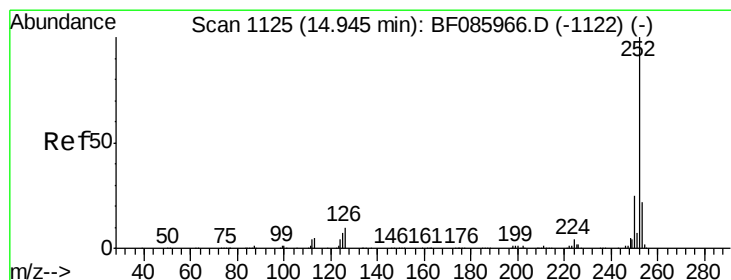
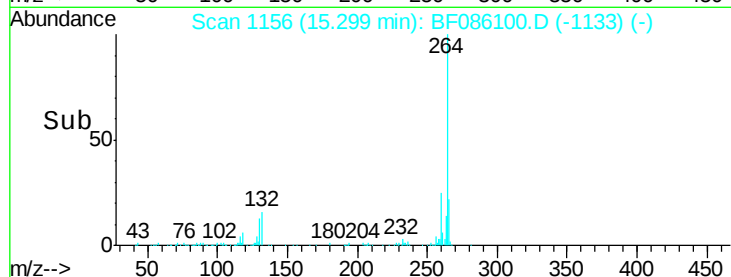
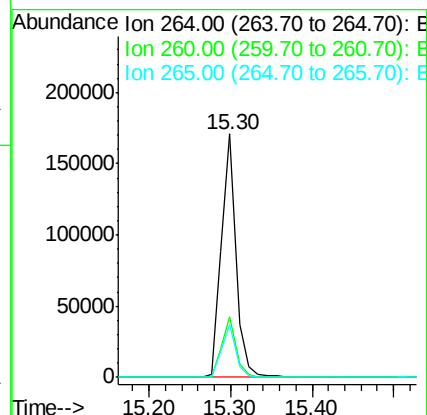
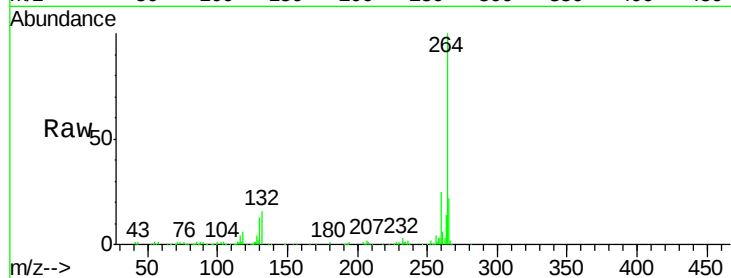




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

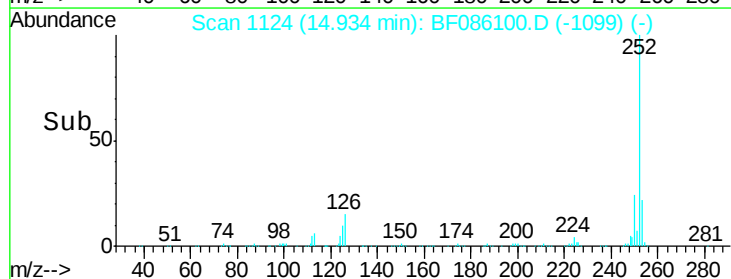
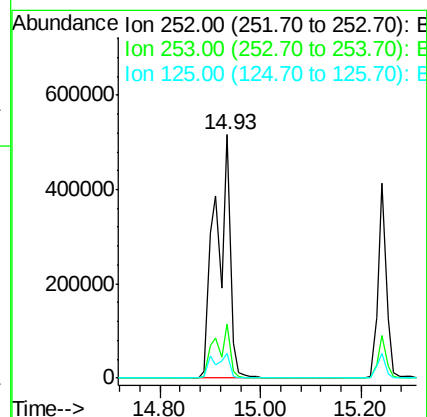
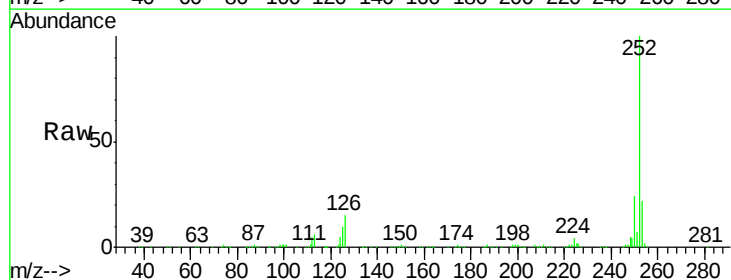
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

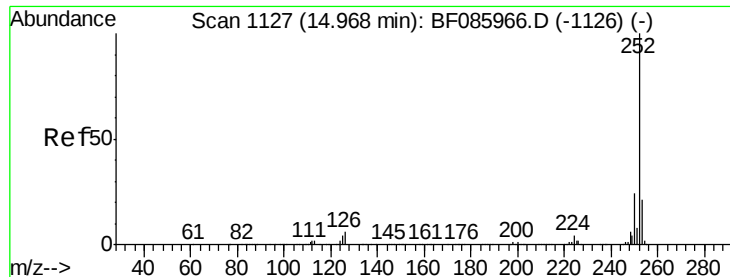
Tgt Ion: 264 Resp: 213952
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 77.87 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion: 252 Resp: 1048025
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.1 10.3 15.5#

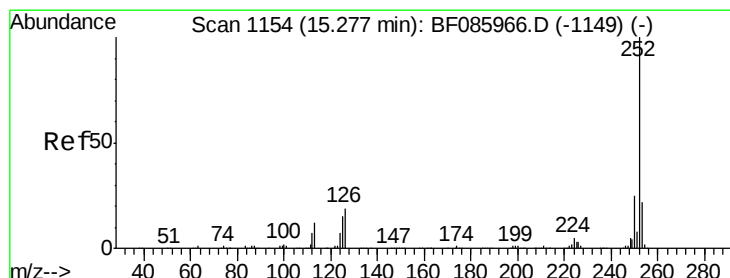
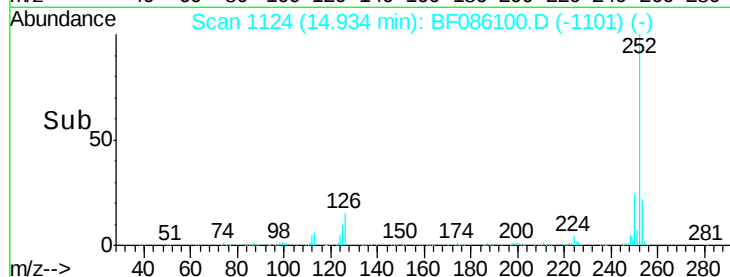
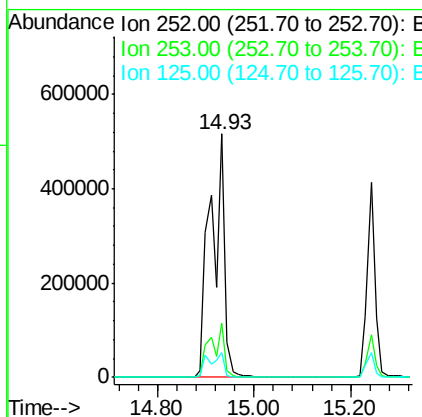
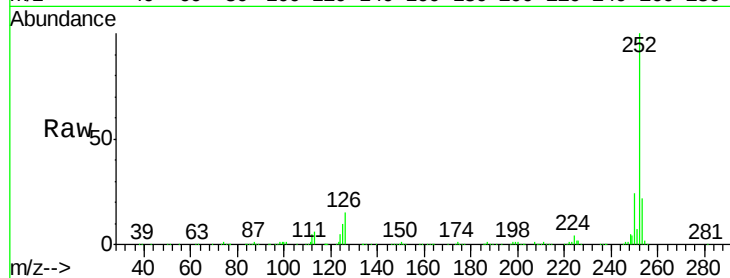




#88
Benzo(k)fluoranthene
Concen: 87.94 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

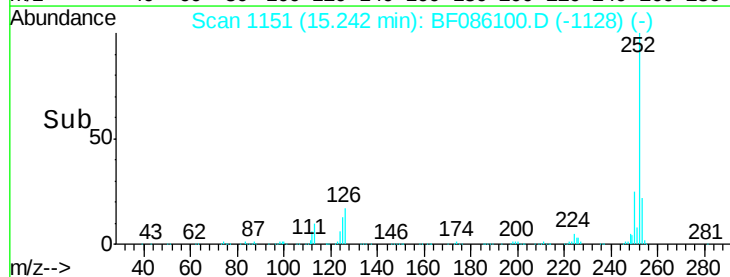
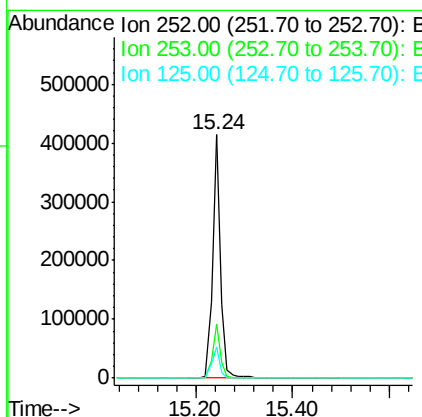
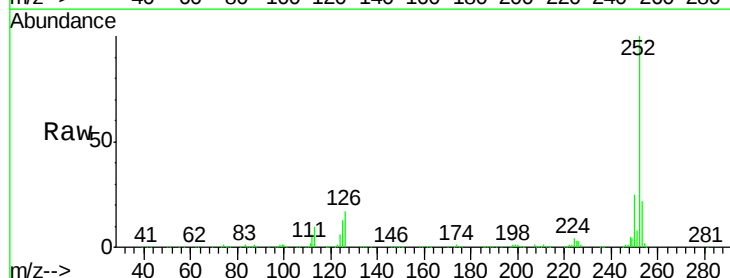
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

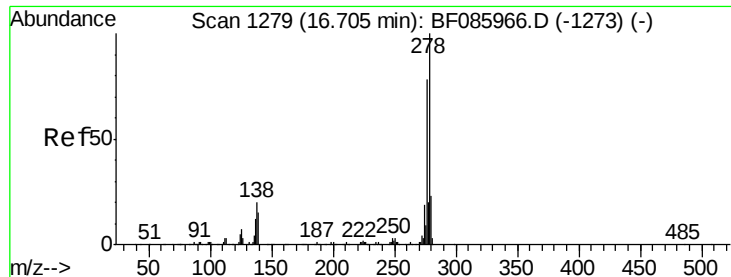
Tgt Ion:252 Resp: 1048038
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.1 7.7 11.5



#89
Benzo(a)pyrene
Concen: 40.77 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086100.D
Acq: 6 Apr 2016 15:59

Tgt Ion:252 Resp: 486199
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 12.8 10.3 15.5





#90

Dibenzo(a,h)anthracene

Concen: 46.75 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.06 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

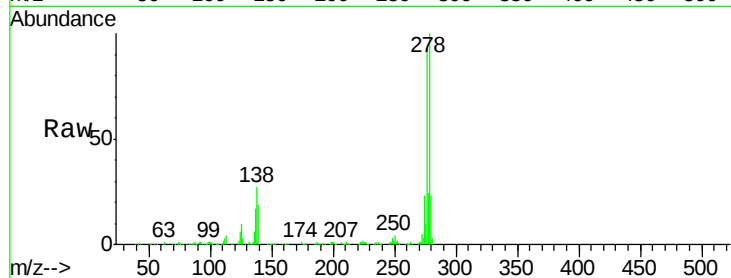
Tgt Ion:278 Resp: 448491

Ion Ratio Lower Upper

278 100

139 18.9 14.4 21.6

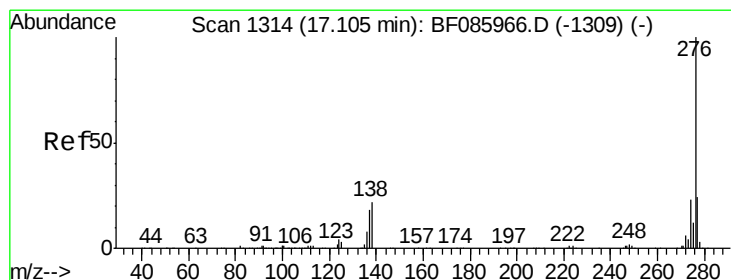
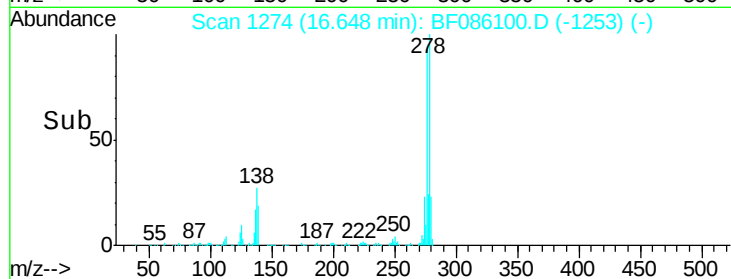
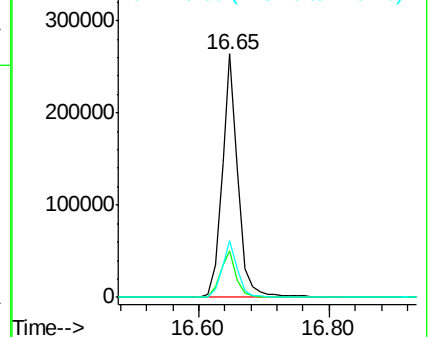
279 23.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 48.19 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.06 min

Lab File: BF086100.D

Acq: 6 Apr 2016 15:59

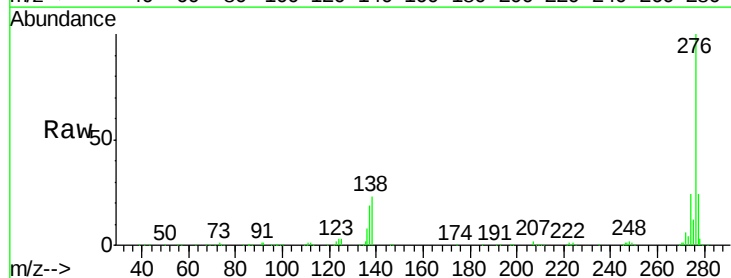
Tgt Ion:276 Resp: 447433

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 23.1 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

