

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083045.D
 Acq On : 19 Nov 2015 19:09
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 20 00:59:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 00:25:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	118877	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	485530	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	227810	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	455266	20.00	ng	0.01
75) Chrysene-d12	13.86	240	402913	20.00	ng	0.00
86) Perylene-d12	15.24	264	315930	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	709992	94.21	ng	0.00
7) Phenol-d6	6.36	99	1011657	99.73	ng	0.01
23) Nitrobenzene-d5	7.28	82	951584	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	230149	89.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1759610	109.52	ng	0.00
78) Terphenyl-d14	12.82	244	1764566	104.88	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	154892	47.52	ng	97
3) Pyridine	2.83	79	480478	50.10	ng	100
4) n-Nitrosodimethylamine	2.78	42	238432	50.48	ng	98
6) Aniline	6.36	93	664139	46.79	ng	97
8) 2-Chlorophenol	6.49	128	393208	46.73	ng	96
9) Benzaldehyde	6.25	77	250098	45.77	ng	88
10) Phenol	6.37	94	635068	56.07	ng	82
11) bis(2-Chloroethyl)ether	6.44	93	408371	48.38	ng	97
12) 1,3-Dichlorobenzene	6.65	146	486341	51.34	ng	99
13) 1,4-Dichlorobenzene	6.73	146	464841m	46.79	ng	
14) 1,2-Dichlorobenzene	6.88	146	434702	48.19	ng	98
15) Benzyl Alcohol	6.85	79	394568	44.82	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	670305	52.50	ng	96
17) 2-Methylphenol	6.98	107	336462	47.32	ng	99
18) Hexachloroethane	7.22	117	172322	48.48	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	376408	51.05	ng	# 91
20) 3+4-Methylphenols	7.14	107	442500	46.73	ng	97
22) Acetophenone	7.13	105	670386	48.12	ng	# 95
24) Nitrobenzene	7.30	77	539367	48.25	ng	# 84
25) Isophorone	7.54	82	922124	44.58	ng	98
26) 2-Nitrophenol	7.61	139	210540	45.53	ng	98
27) 2,4-Dimethylphenol	7.66	122	354879	41.46	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	561243	48.06	ng	99
29) 2,4-Dichlorophenol	7.86	162	341547	44.08	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	383193	44.43	ng	99
31) Naphthalene	8.02	128	1271824	47.31	ng	99
32) Benzoic acid	7.80	122	255835	45.33	ng	98
33) 4-Chloroaniline	8.06	127	507419	44.89	ng	98
34) Hexachlorobutadiene	8.14	225	241608	44.54	ng	97
35) Caprolactam	8.45	113	110029	45.91	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	418975	45.98	ng	92
37) 2-Methylnaphthalene	8.70	142	756329	44.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	351629	47.70	ng	98
40) Hexachlorocyclopentadiene	8.86	237	184662	47.47	ng	99

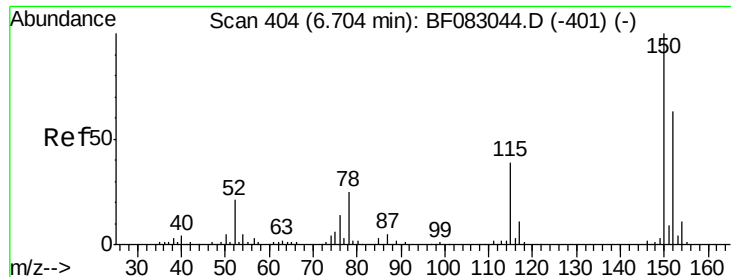
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	254779	45.83	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	288245	52.07	ng	96
45) 1,1'-Biphenyl	9.17	154	906204	47.08	ng	99
46) 2-Chloronaphthalene	9.20	162	747492	49.24	ng	98
47) 2-Nitroaniline	9.30	65	294354	53.33	ng	# 57
48) Acenaphthylene	9.61	152	1157793	48.09	ng	99
49) Dimethylphthalate	9.48	163	849715	44.99	ng	100
50) 2,6-Dinitrotoluene	9.54	165	188010	45.82	ng	# 75
51) Acenaphthene	9.78	154	746645	49.19	ng	100
52) 3-Nitroaniline	9.71	138	266890	61.94	ng	81
53) 2,4-Dinitrophenol	9.81	184	121788	58.24	ng	# 78
54) Dibenzofuran	9.95	168	976624	47.74	ng	99
55) 4-Nitrophenol	9.88	139	156516	46.12	ng	# 78
56) 2,4-Dinitrotoluene	9.94	165	239511	43.49	ng	# 85
57) Fluorene	10.29	166	762846	45.78	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	227463	49.74	ng	95
59) Diethylphthalate	10.18	149	853768	46.63	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	427760	51.41	ng	97
61) 4-Nitroaniline	10.32	138	237497	52.90	ng	95
62) Azobenzene	10.45	77	1101083	55.78	ng	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	150845	45.89	ng	# 52
65) n-Nitrosodiphenylamine	10.41	169	760844	47.22	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	240655	44.10	ng	94
67) Hexachlorobenzene	10.84	284	258185	42.43	ng	95
68) Atrazine	10.94	200	230873	44.96	ng	98
69) Pentachlorophenol	11.04	266	152871	42.92	ng	96
70) Phenanthrene	11.25	178	1348746	50.74	ng	99
71) Anthracene	11.30	178	1201834	43.46	ng	99
72) Carbazole	11.46	167	1063871	43.85	ng	99
73) Di-n-butylphthalate	11.80	149	1344216	44.44	ng	99
74) Fluoranthene	12.43	202	1279577	45.91	ng	99
76) Benzidine	12.56	184	603693	45.12	ng	98
77) Pyrene	12.66	202	1262661	45.69	ng	100
79) Butylbenzylphthalate	13.30	149	607133	49.40	ng	# 65
80) Benzo(a)anthracene	13.85	228	1211582	47.66	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	387475	44.05	ng	98
82) Chrysene	13.88	228	1049225	46.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	785511	47.10	ng	99
84) Di-n-octyl phthalate	14.47	149	1261769	45.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.55	276	920834	46.82	ng	100
87) Benzo(b)fluoranthene	14.85	252	1196824m	58.85	ng	
88) Benzo(k)fluoranthene	14.89	252	697787m	38.60	ng	
89) Benzo(a)pyrene	15.19	252	840755	47.72	ng	98
90) Dibenzo(a,h)anthracene	16.56	278	756288	50.66	ng	# 98
91) Benzo(g,h,i)perylene	16.93	276	753723	52.35	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

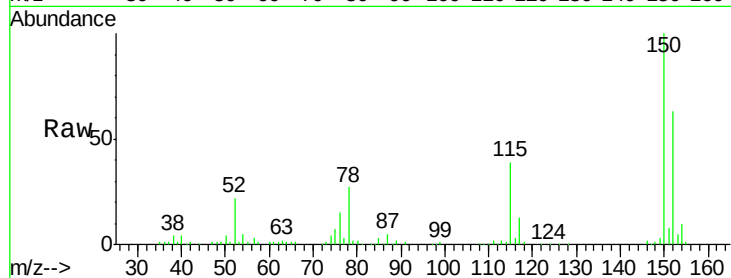
Tgt Ion:152 Resp: 118877

Ion Ratio Lower Upper

152 100

150 159.7 126.4 189.6

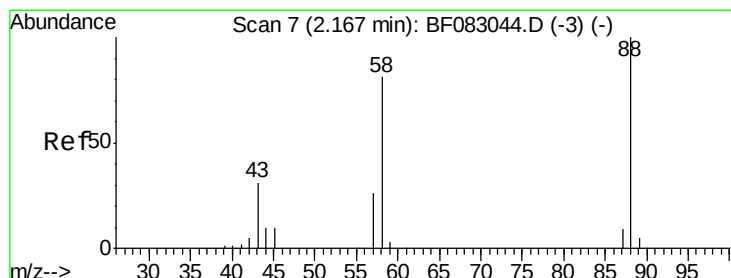
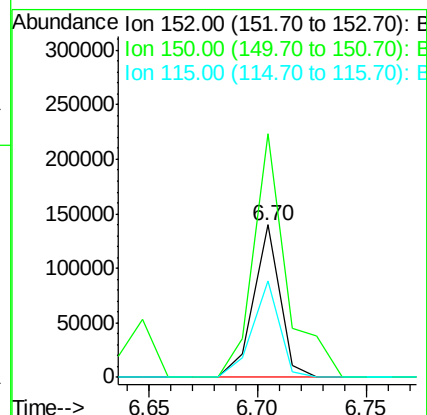
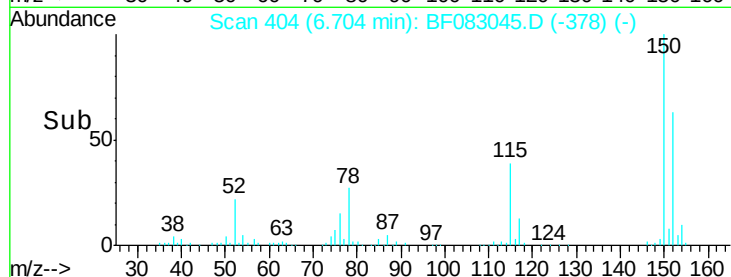
115 62.8 49.0 73.6



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: 47.52 ng

RT: 2.17 min Scan# 7

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

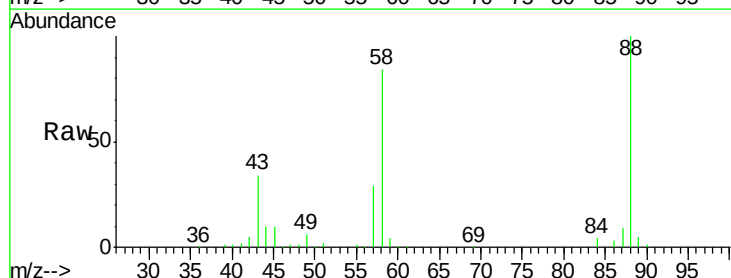
Tgt Ion: 88 Resp: 154892

Ion Ratio Lower Upper

88 100

58 84.6 64.8 97.2

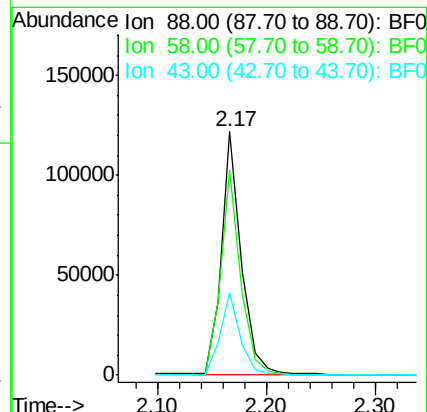
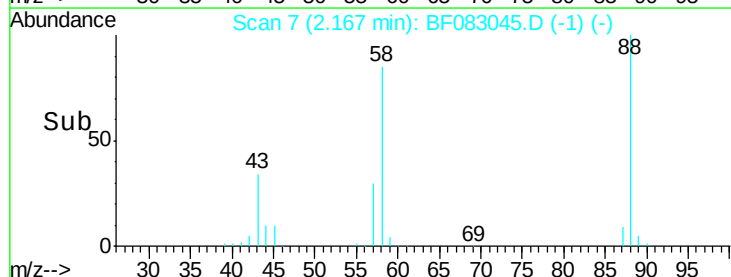
43 33.9 26.2 39.4

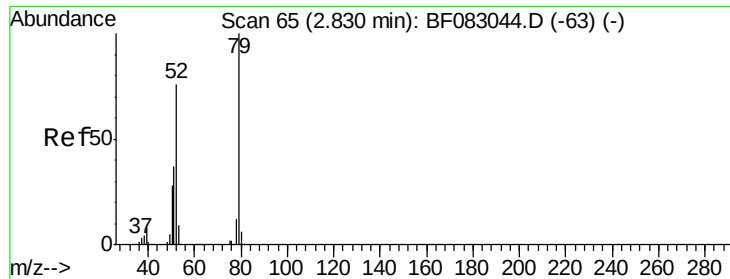


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 50.10 ng

RT: 2.83 min Scan# 65

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

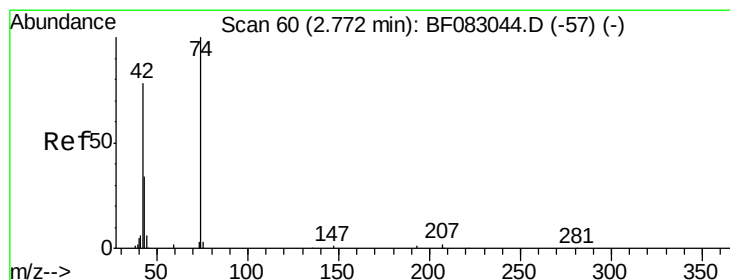
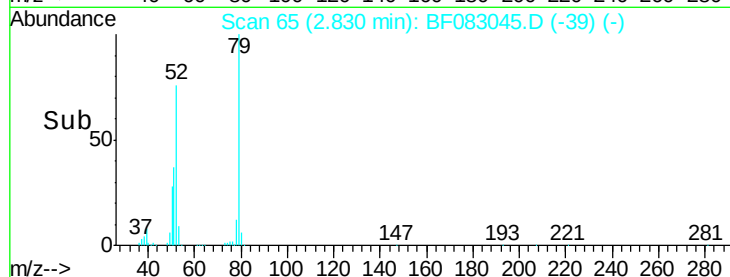
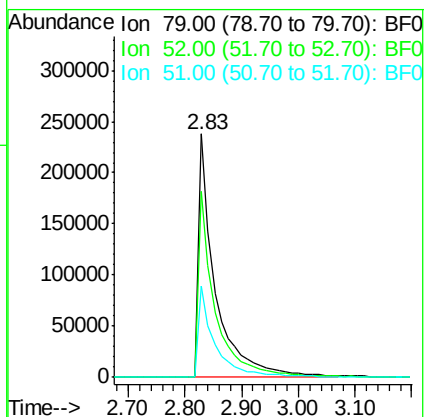
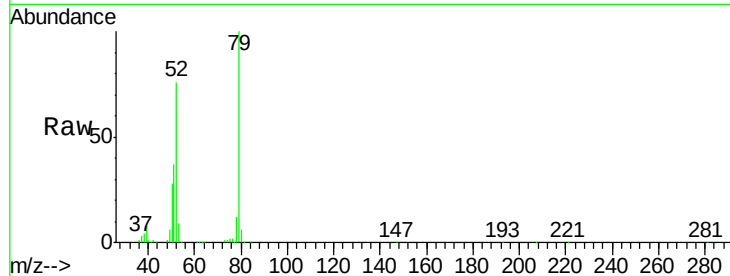
Tgt Ion: 79 Resp: 480478

Ion Ratio Lower Upper

79 100

52 76.4 61.0 91.4

51 37.5 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 50.48 ng

RT: 2.78 min Scan# 61

Delta R.T. 0.01 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

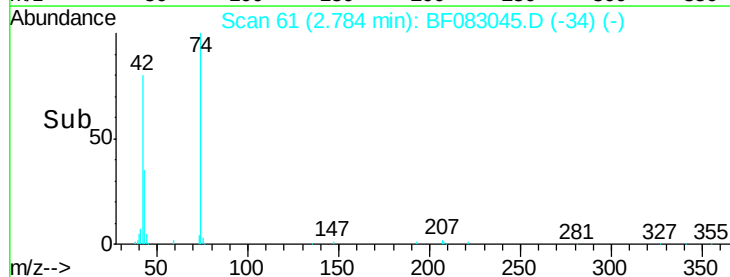
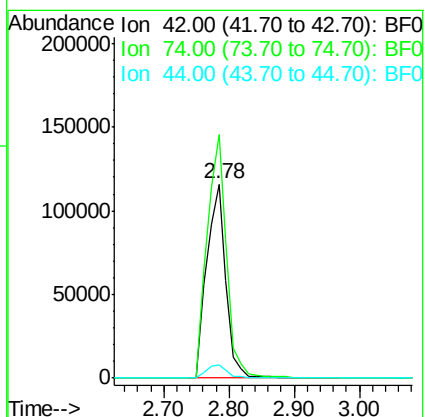
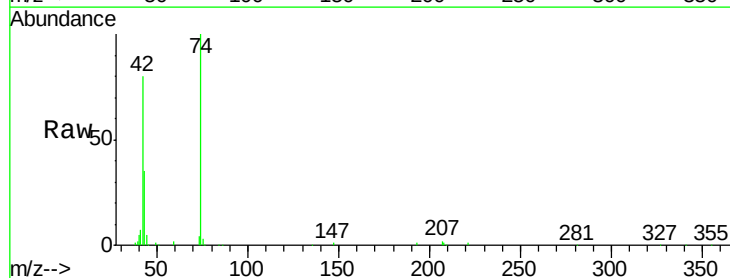
Tgt Ion: 42 Resp: 238432

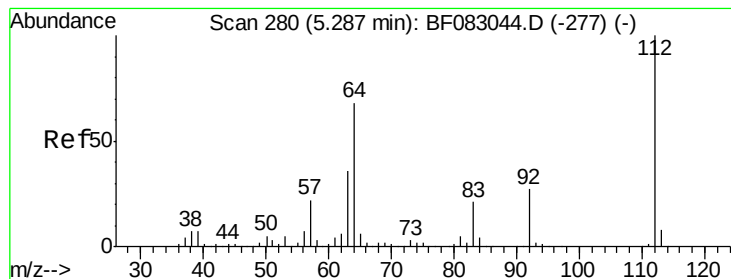
Ion Ratio Lower Upper

42 100

74 125.4 102.4 153.6

44 6.8 5.8 8.8





#5

2-Fluorophenol

Concen: 94.21 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

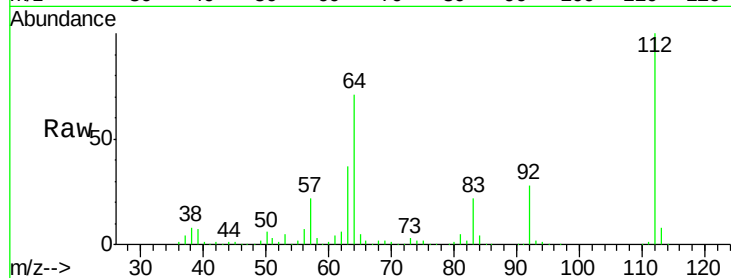
Instrument :

BNA_F

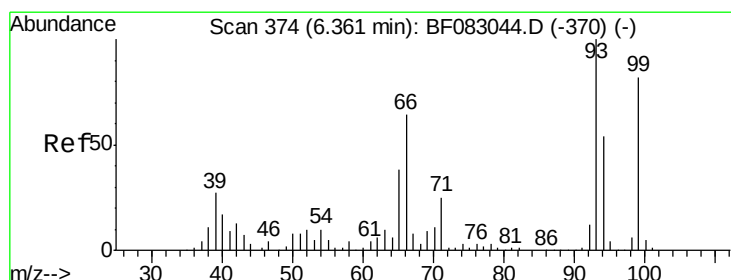
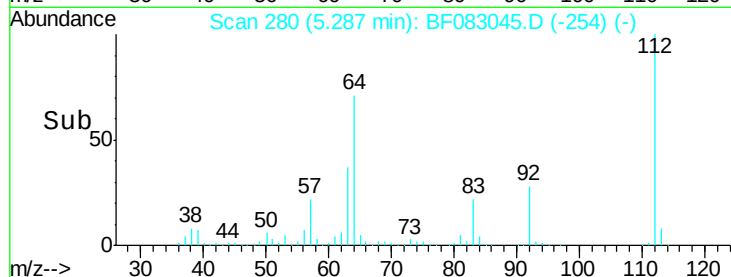
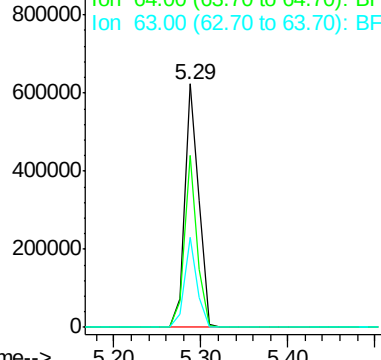
ClientSampleId :

SSTDIC050

Tgt Ion:	112	Resp:	709992
Ion	Ratio	Lower	Upper
112	100		
64	70.6	54.8	82.2
63	37.1	29.0	43.4



Abundance Ion 112.00 (111.70 to 112.70): BF083044.D (-277) (-)



#6

Aniline

Concen: 46.79 ng

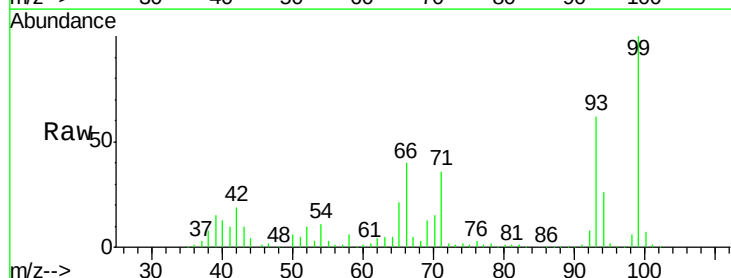
RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

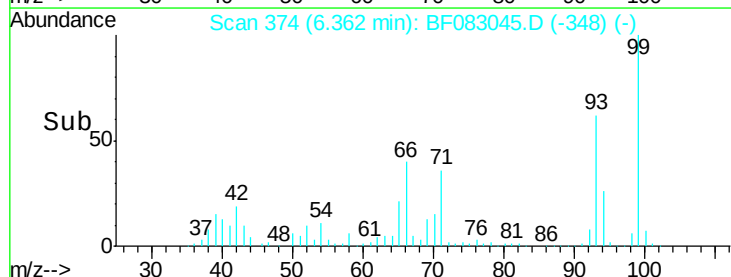
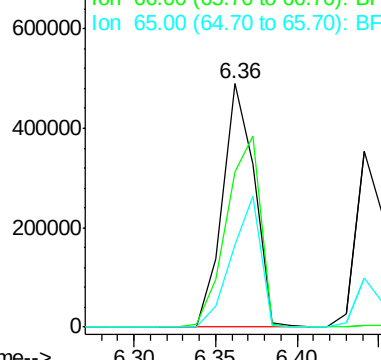
Lab File: BF083045.D

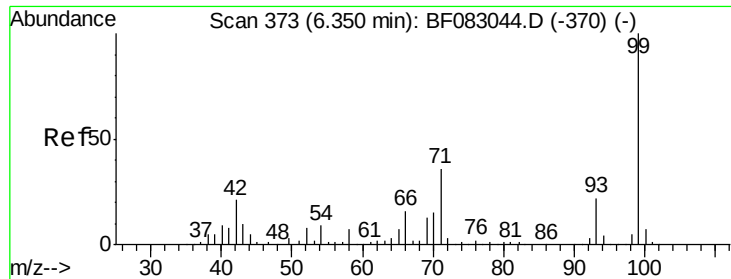
Acq: 19 Nov 2015 19:09

Tgt Ion:	93	Resp:	664139
Ion	Ratio	Lower	Upper
93	100		
66	63.7	51.4	77.2
65	33.8	30.7	46.1



Abundance Ion 93.00 (92.70 to 93.70): BF083044.D (-370) (-)





#7

Phenol-d6

Concen: 99.73 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

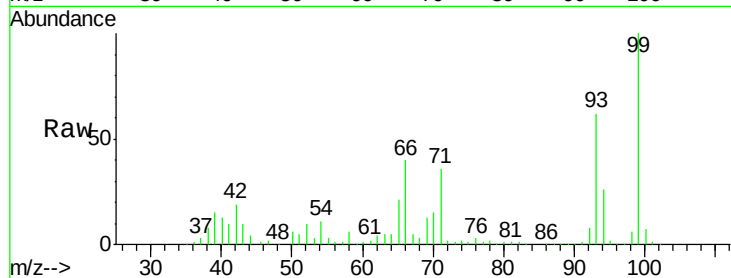
Tgt Ion: 99 Resp: 1011657

Ion Ratio Lower Upper

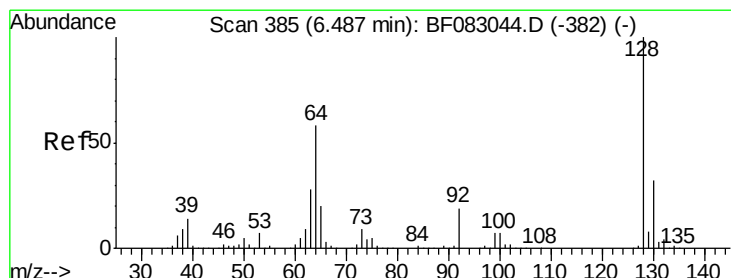
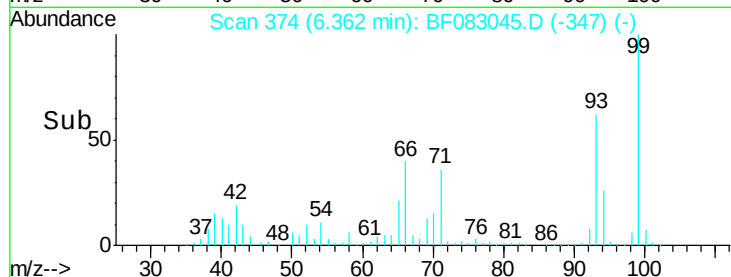
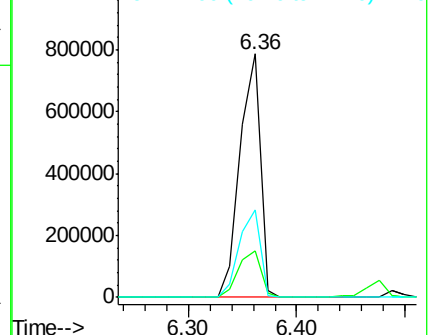
99 100

42 19.1 16.6 25.0

71 35.7 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.73 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

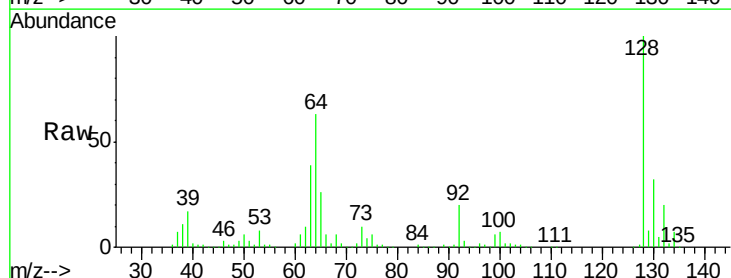
Tgt Ion: 128 Resp: 393208

Ion Ratio Lower Upper

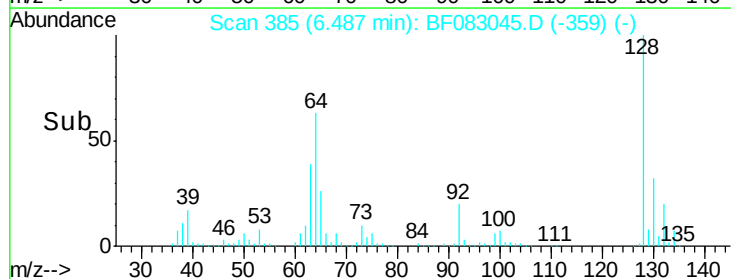
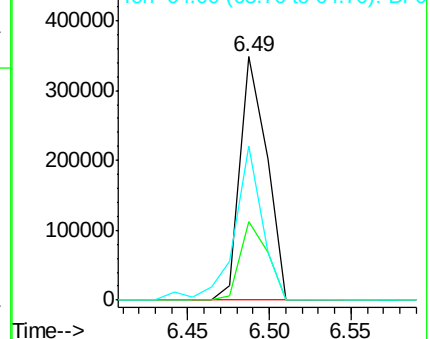
128 100

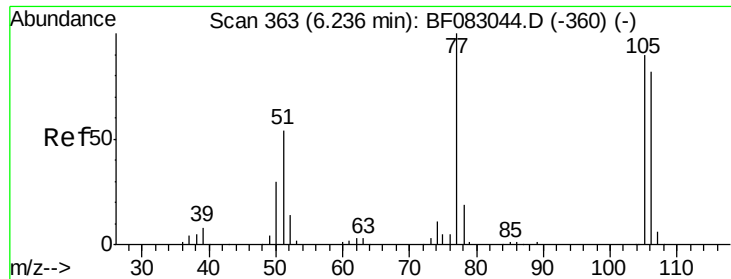
130 32.4 12.3 52.3

64 63.2 38.3 78.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 45.77 ng

RT: 6.25 min Scan# 364

Delta R.T. 0.01 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

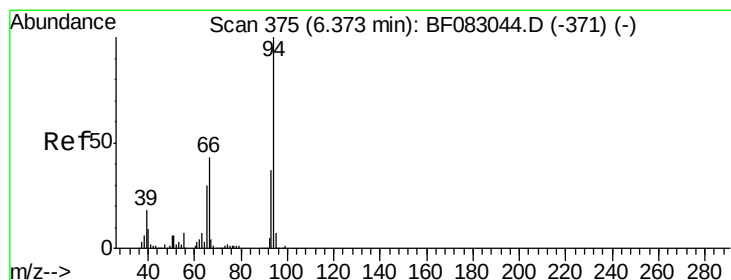
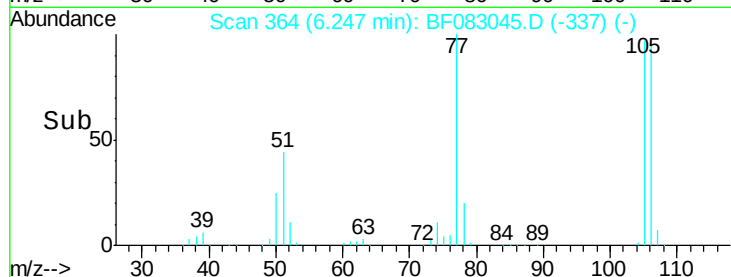
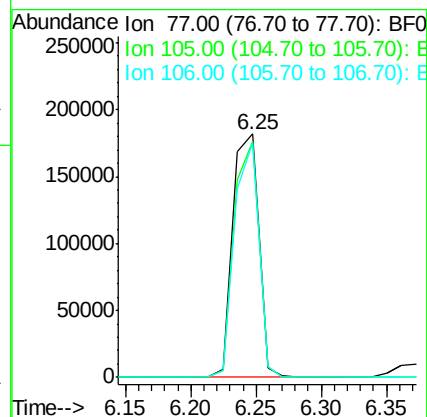
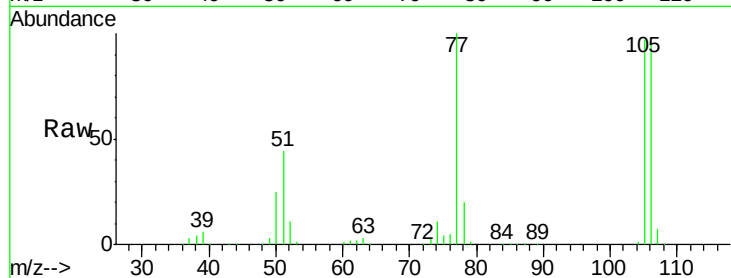
Tgt Ion: 77 Resp: 250098

Ion Ratio Lower Upper

77 100

105 96.9 69.6 109.6

106 96.4 62.0 102.0



#10

Phenol

Concen: 56.07 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

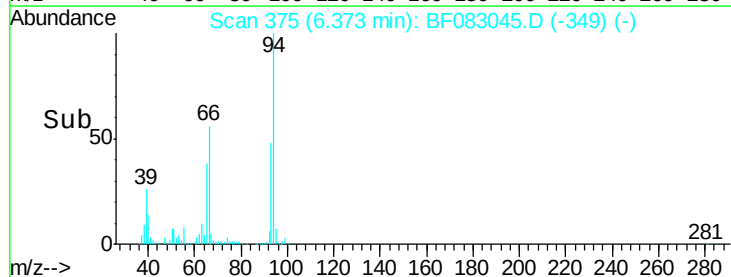
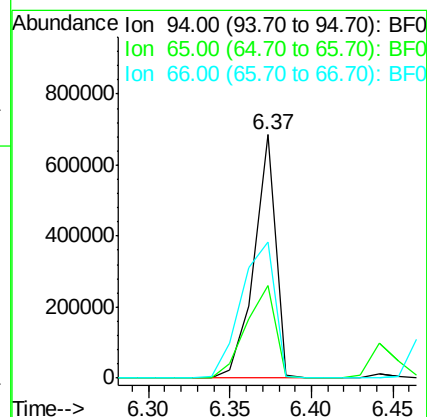
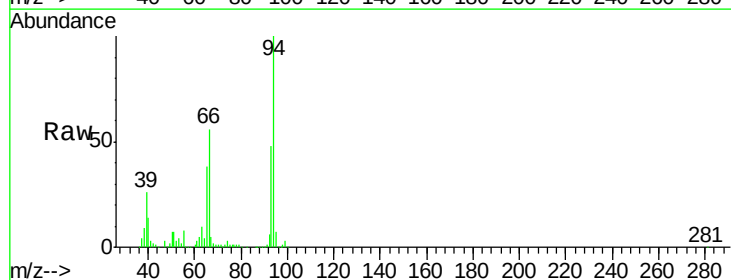
Tgt Ion: 94 Resp: 635068

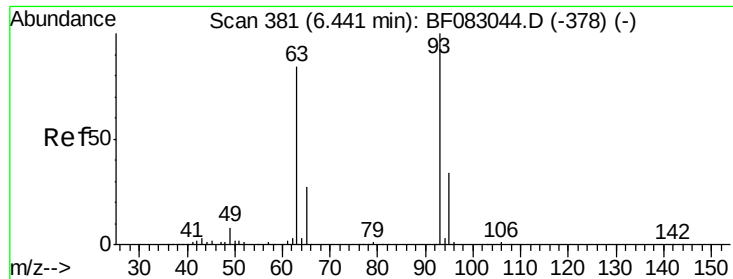
Ion Ratio Lower Upper

94 100

65 38.3 10.1 50.1

66 56.0 23.2 63.2

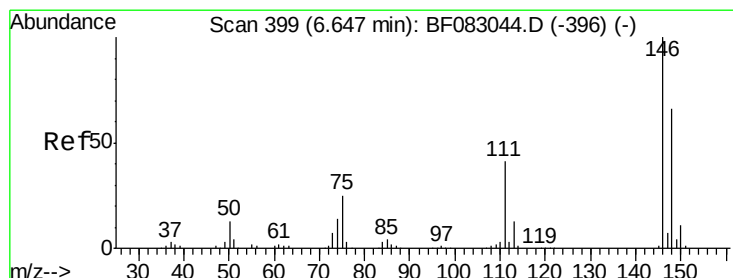
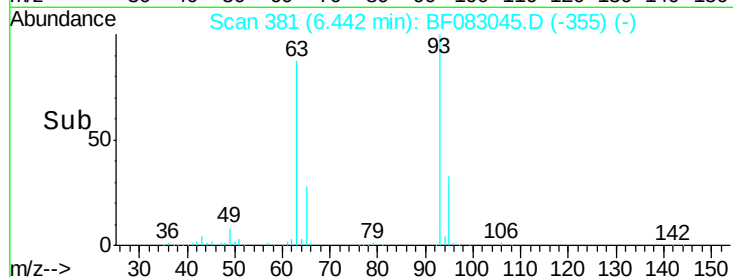
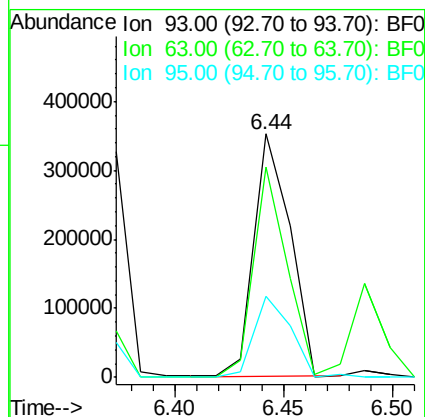
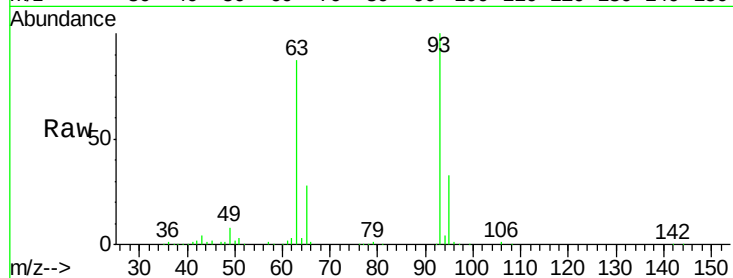




#11
bis(2-Chloroethyl)ether
Concen: 48.38 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

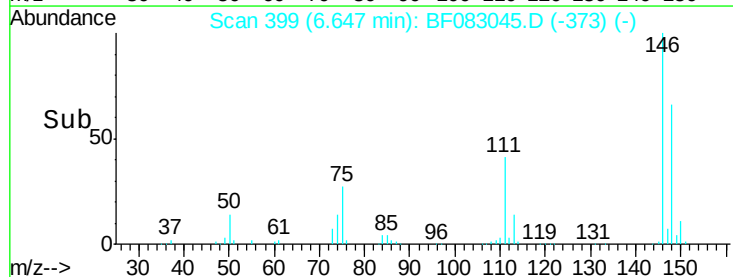
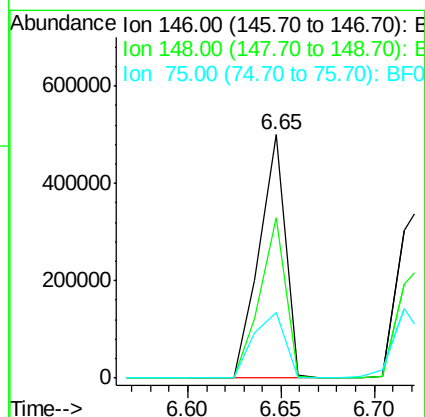
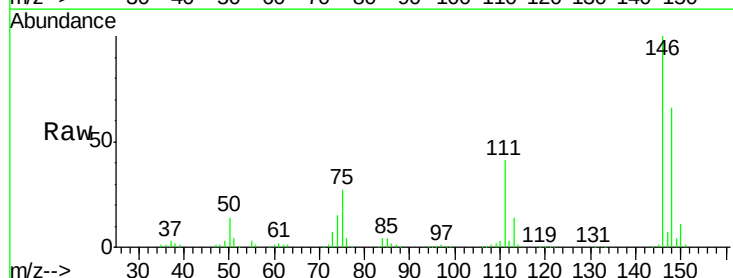
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

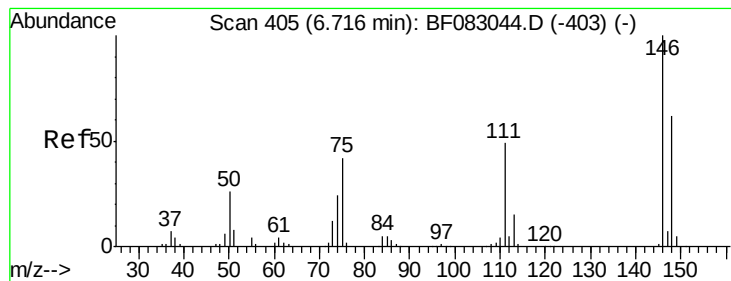
Tgt Ion: 93 Resp: 408371
Ion Ratio Lower Upper
93 100
63 86.6 63.6 103.6
95 33.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 51.34 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion: 146 Resp: 486341
Ion Ratio Lower Upper
146 100
148 65.8 52.8 79.2
75 26.8 20.3 30.5





#13

1,4-Dichlorobenzene

Concen: 46.79 ng m

RT: 6.73 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

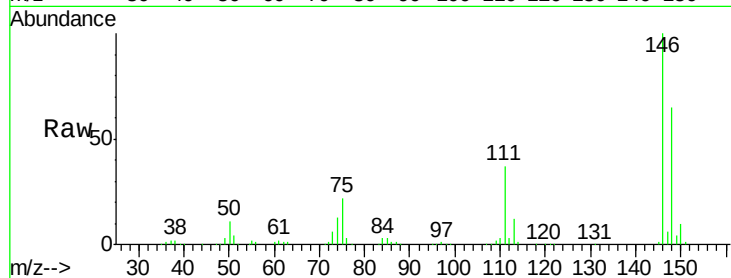
Tgt Ion:146 Resp: 464841

Ion Ratio Lower Upper

146 100

148 65.1 49.6 74.4

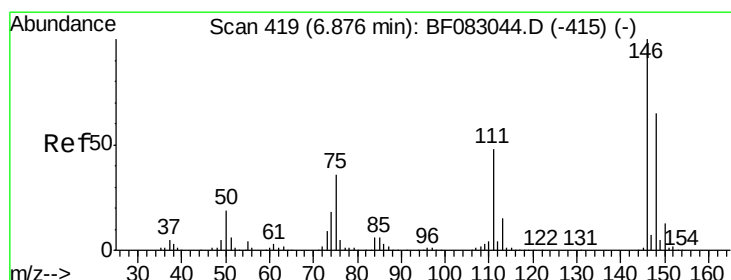
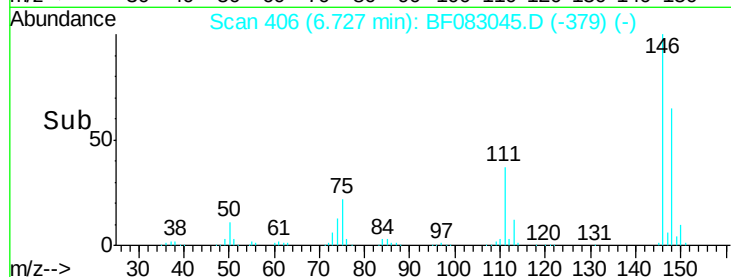
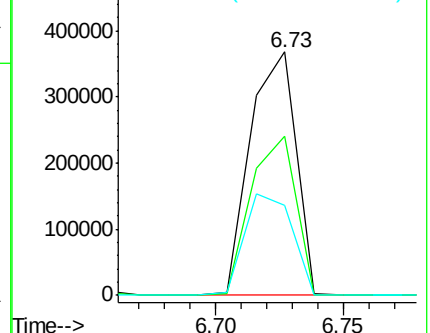
111 36.8 39.0 58.6#



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: 48.19 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

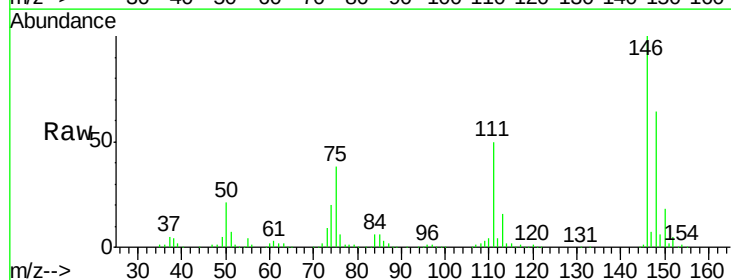
Tgt Ion:146 Resp: 434702

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

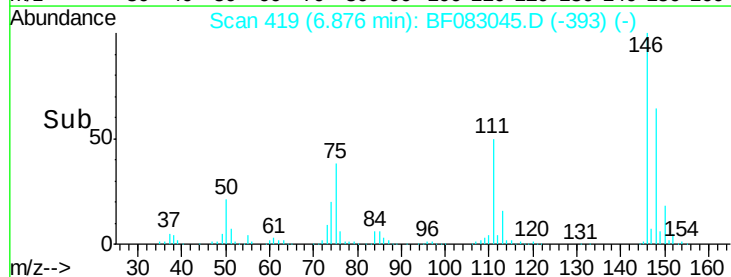
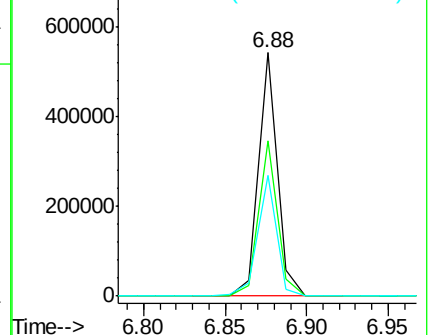
111 49.5 38.2 57.2

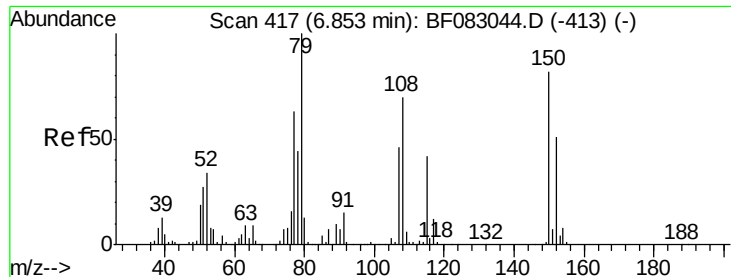


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.82 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

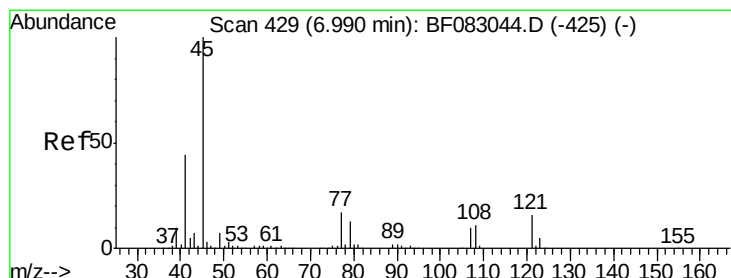
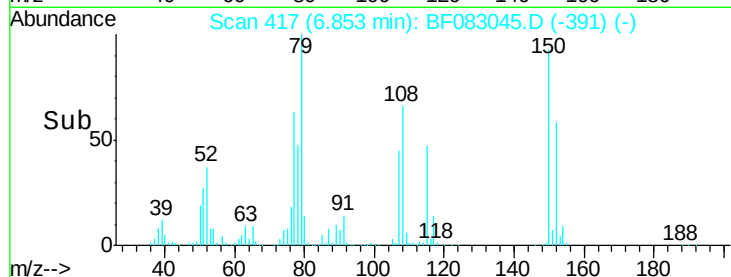
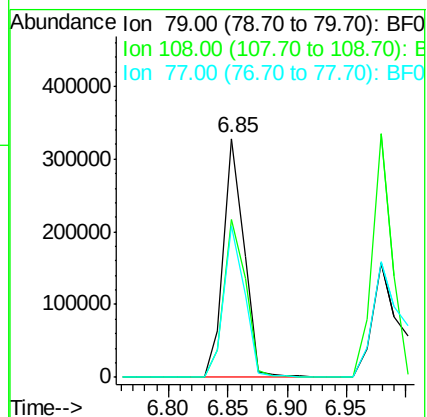
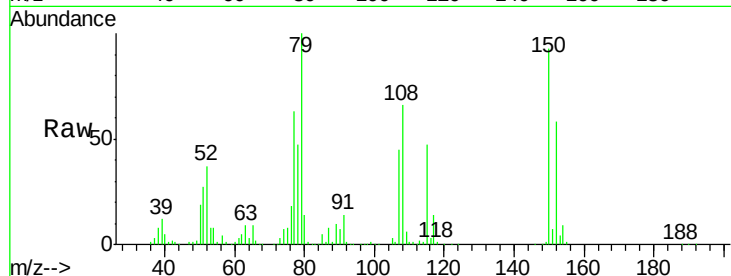
Tgt Ion: 79 Resp: 394568

Ion Ratio Lower Upper

79 100

108 66.4 55.7 83.5

77 63.3 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.50 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

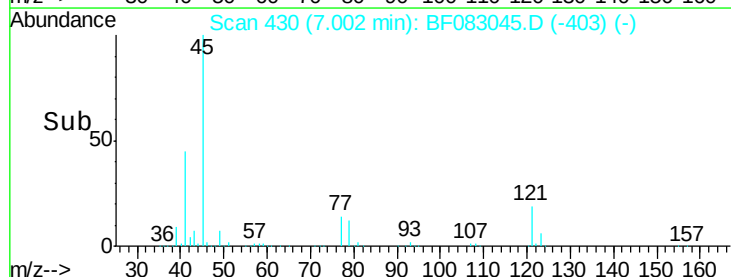
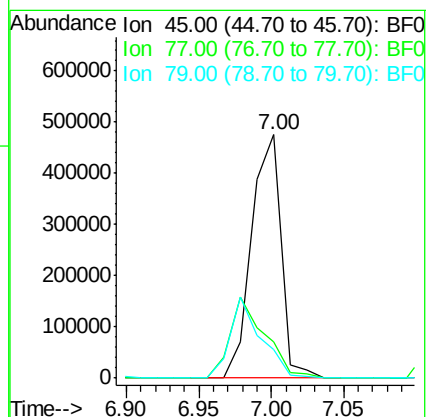
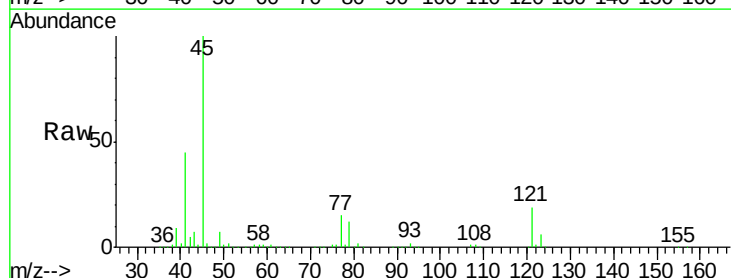
Tgt Ion: 45 Resp: 670305

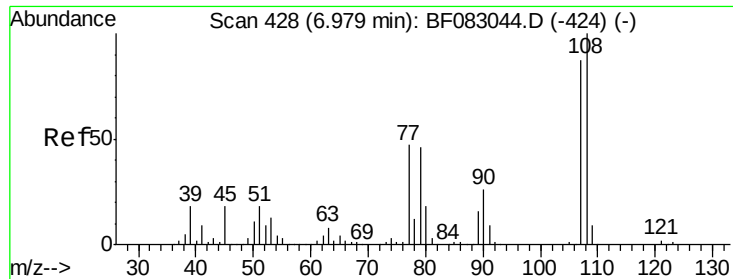
Ion Ratio Lower Upper

45 100

77 14.7 0.0 36.7

79 11.8 0.0 33.0

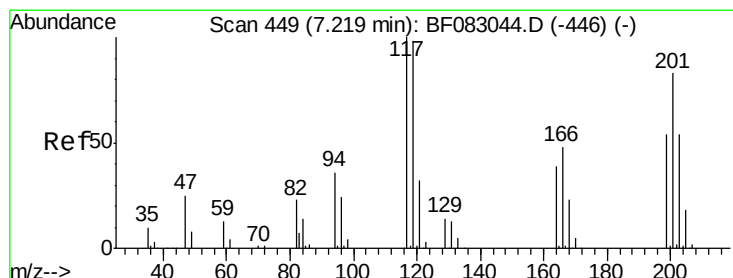
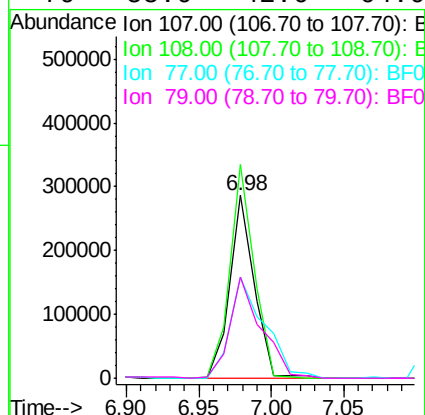
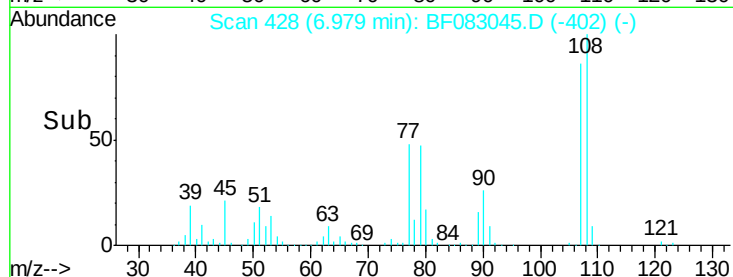
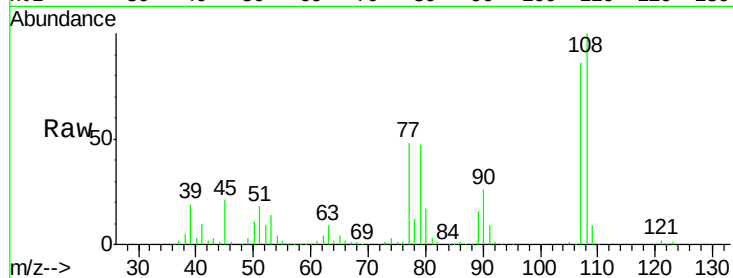




#17
2-Methylphenol
Concen: 47.32 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

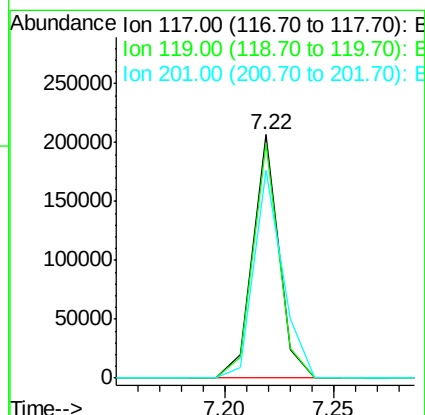
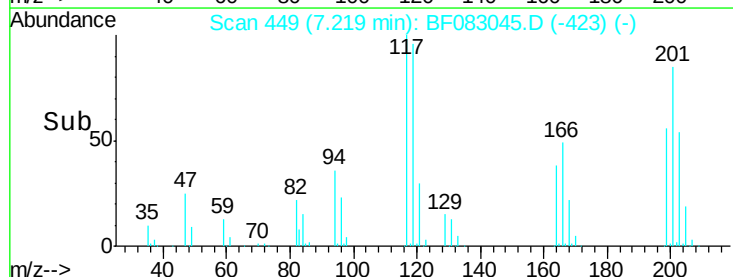
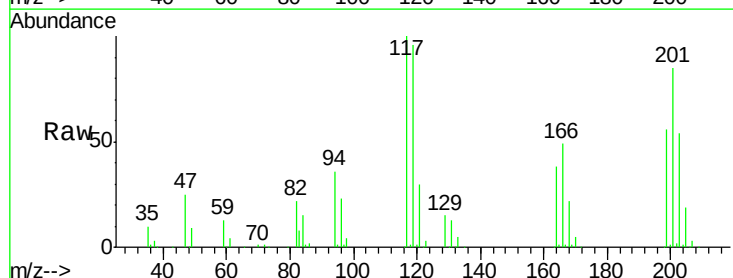
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

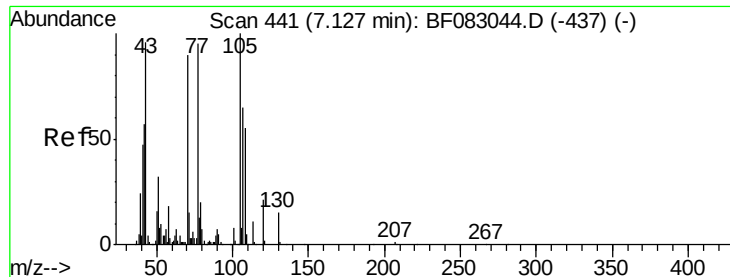
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.7	92.3	138.5
77	55.6	43.9	65.9
79	55.0	42.6	64.0



#18
Hexachloroethane
Concen: 48.48 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.3	117.5
201	85.5	66.5	99.7

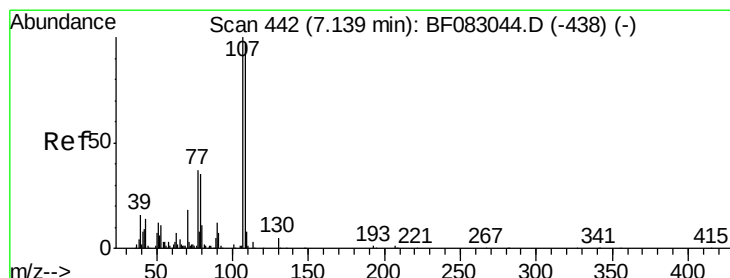
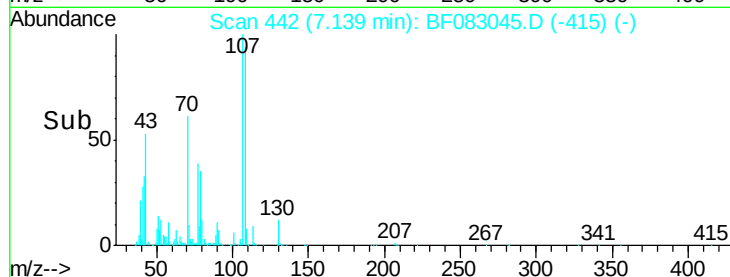
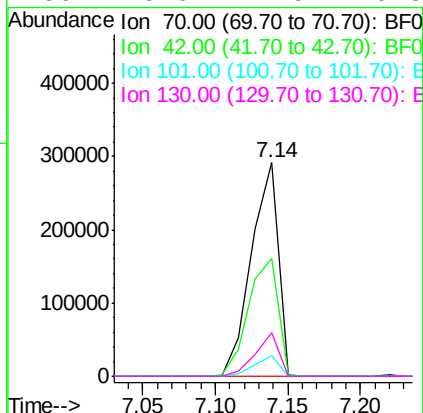
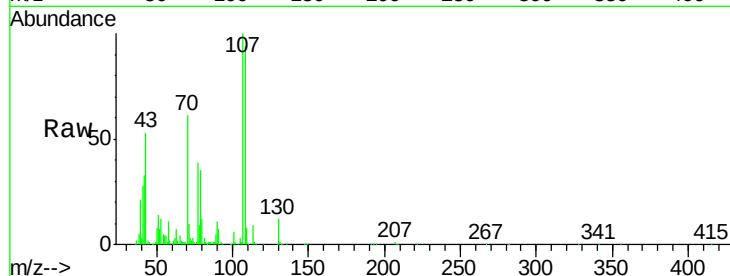




#19
n-Nitroso-di-n-propylamine
Concen: 51.05 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.01 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

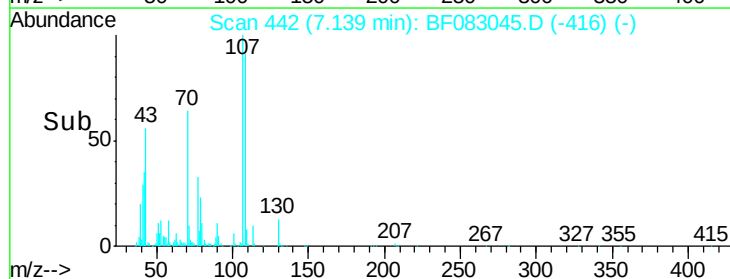
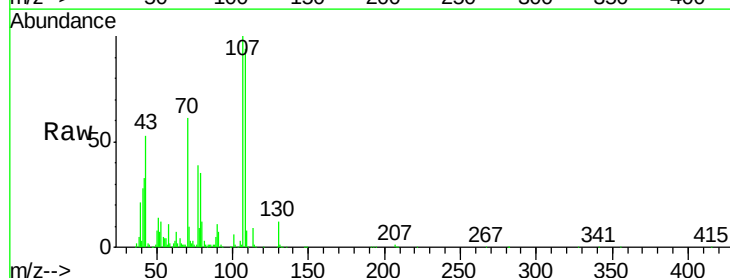
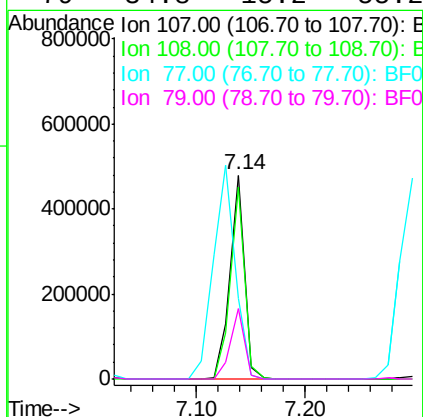
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

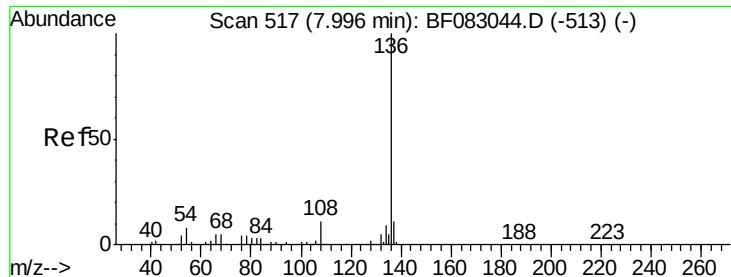
Tgt Ion: 70 Resp: 376408
Ion Ratio Lower Upper
70 100
42 54.9 50.2 75.2
101 9.4 6.8 10.2
130 20.6 12.9 19.3#



#20
3+4-Methylphenols
Concen: 46.73 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion: 107 Resp: 442500
Ion Ratio Lower Upper
107 100
108 94.3 77.4 117.4
77 39.4 16.7 56.7
79 34.8 15.2 55.2

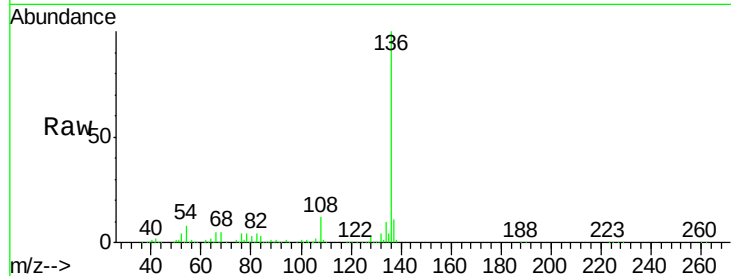




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:	136	Resp:	485530
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.1	6.2	9.2
68	5.3	4.2	6.2



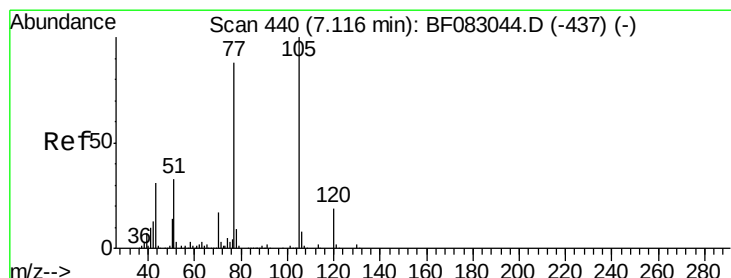
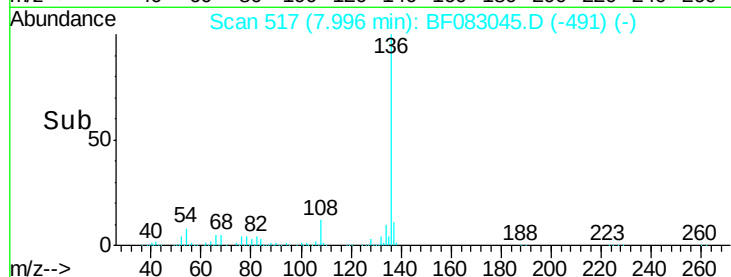
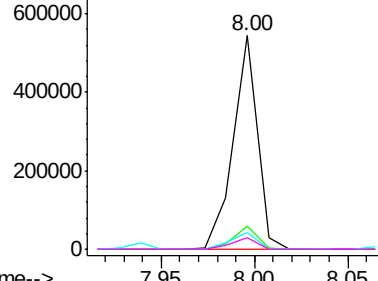
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

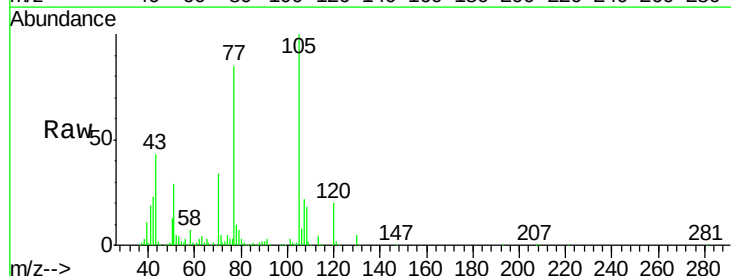
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 48.12 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:	105	Resp:	670386
Ion	Ratio	Lower	Upper
105	100		
71	5.4	2.3	3.5#
51	29.3	26.1	39.1
120	20.4	15.3	22.9



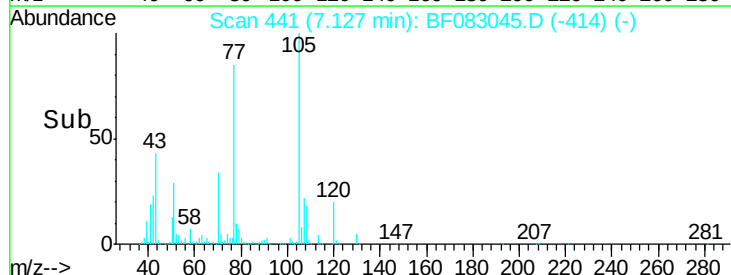
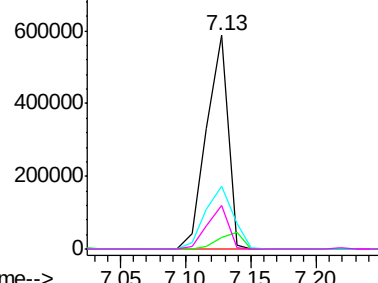
Abundance

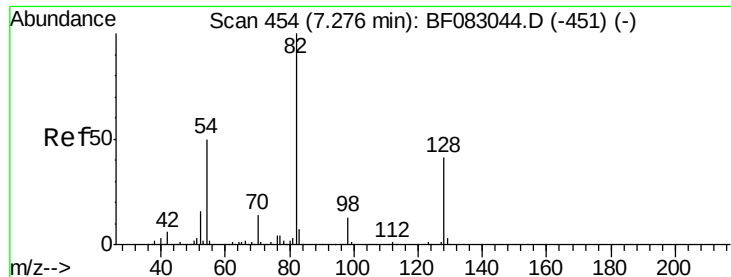
Ion 105.00 (104.70 to 105.70): E

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

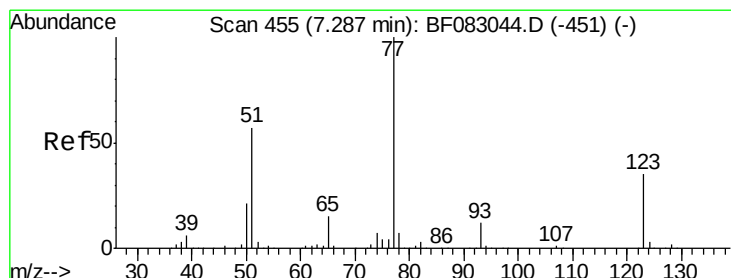
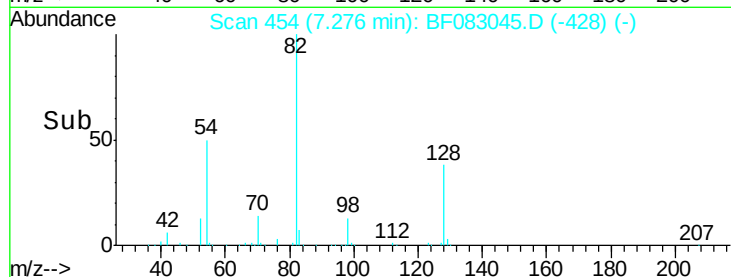
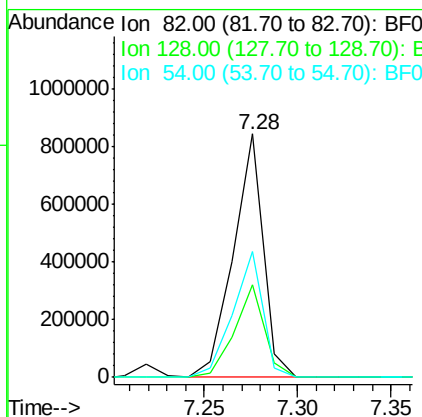
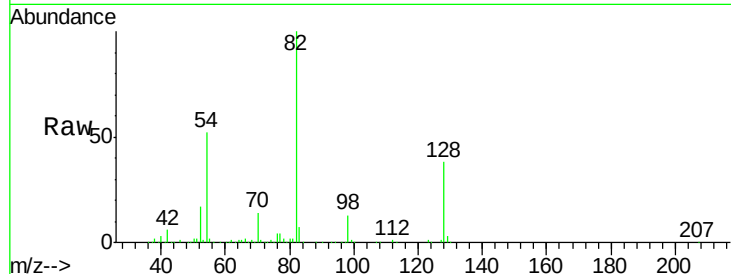




#23
 Nitrobenzene-d5
 Concen: 85.90 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

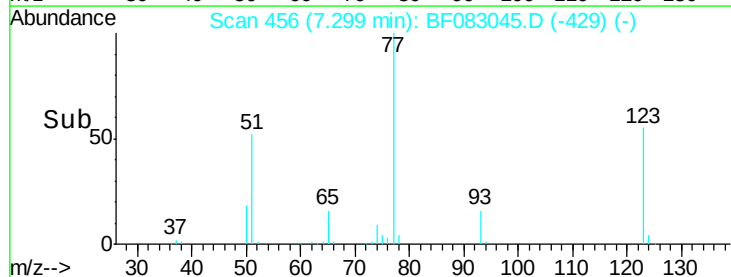
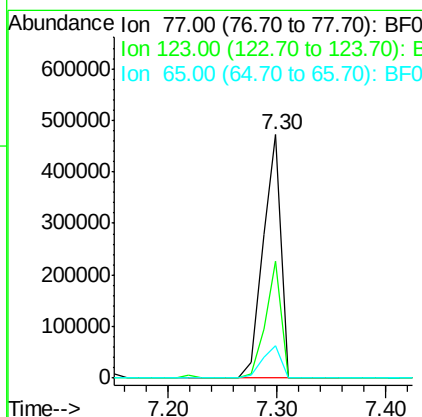
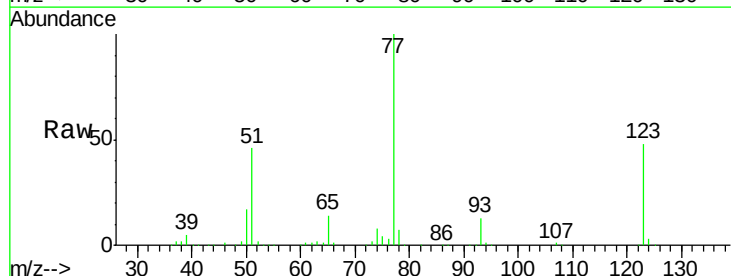
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

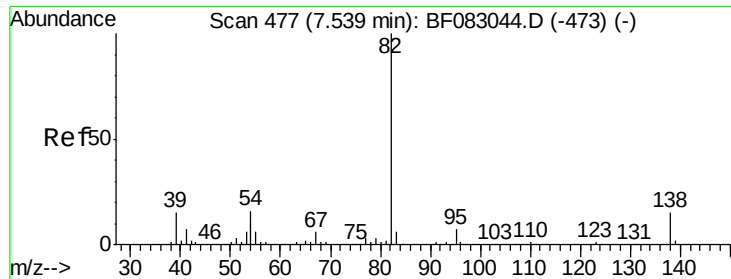
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.1	49.7
54	51.9	39.8	59.6



#24
 Nitrobenzene
 Concen: 48.25 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	28.2	42.4#
65	13.6	11.8	17.8





#25

Isophorone

Concen: 44.58 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

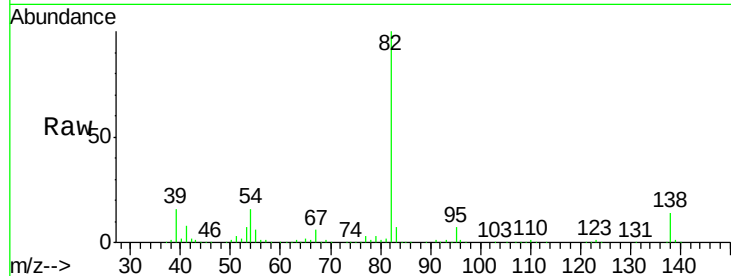
Tgt Ion: 82 Resp: 922124

Ion Ratio Lower Upper

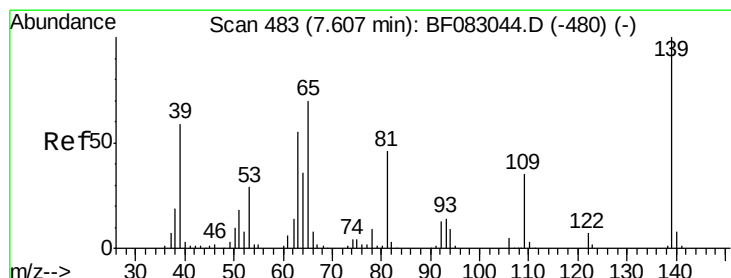
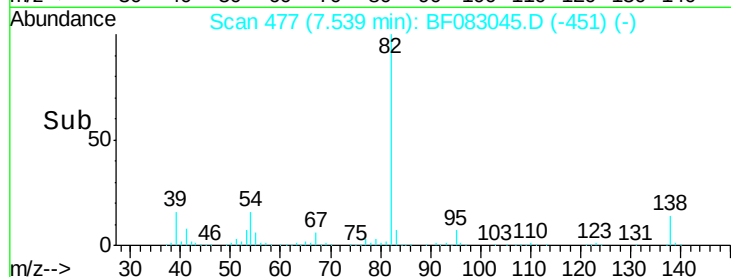
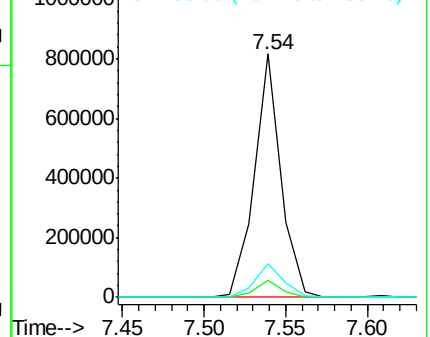
82 100

95 7.1 5.7 8.5

138 13.8 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.53 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

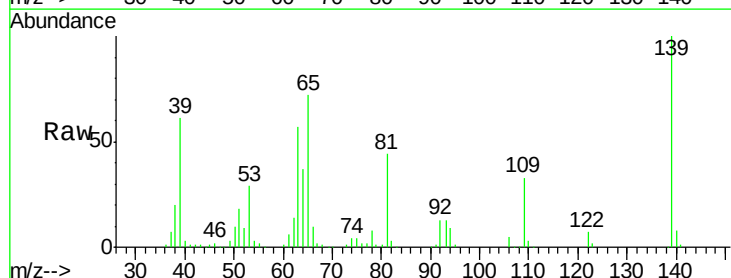
Tgt Ion: 139 Resp: 210540

Ion Ratio Lower Upper

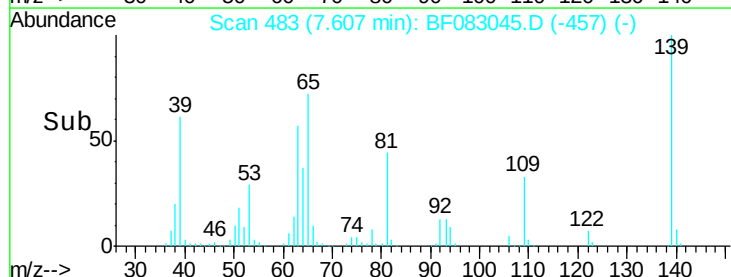
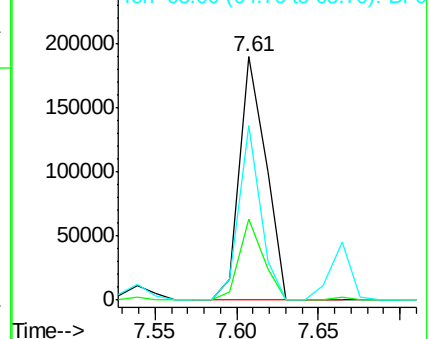
139 100

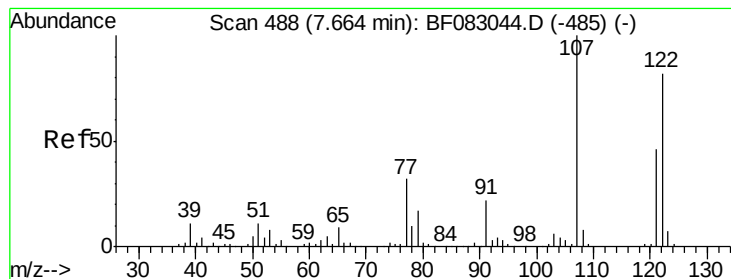
109 33.3 27.8 41.6

65 71.8 56.4 84.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.46 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

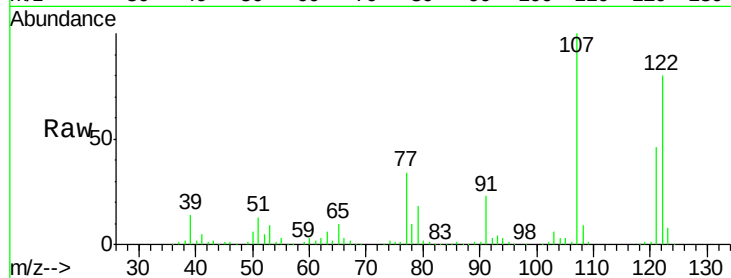
Tgt Ion:122 Resp: 354879

Ion Ratio Lower Upper

122 100

107 124.9 97.5 146.3

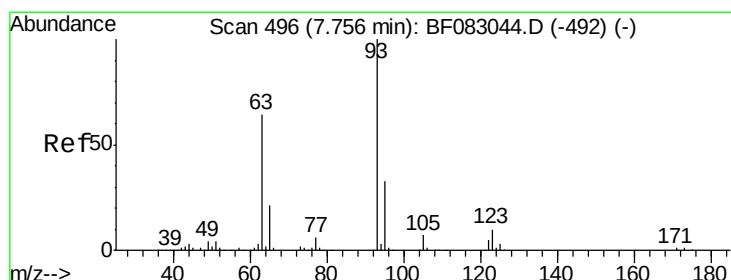
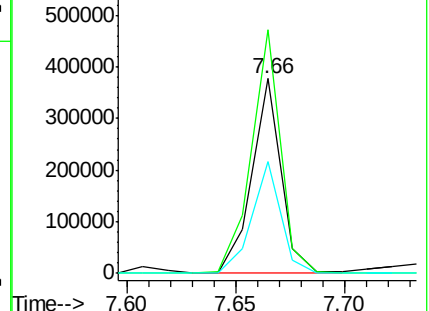
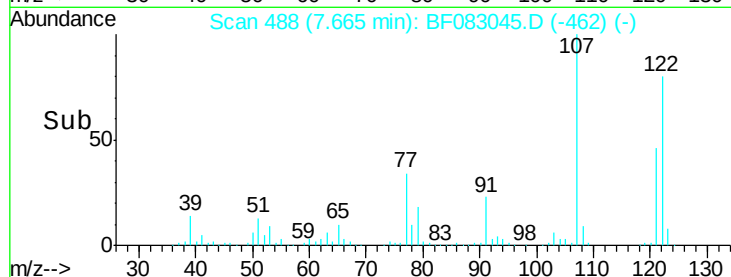
121 57.6 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.06 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

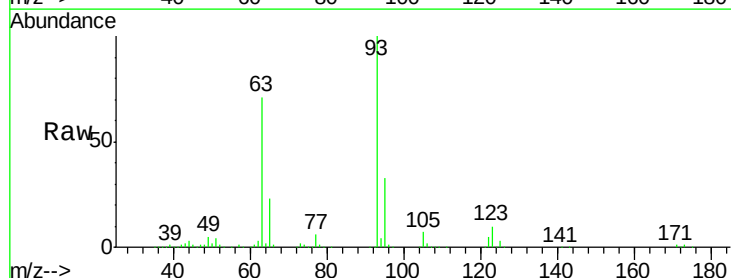
Tgt Ion: 93 Resp: 561243

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

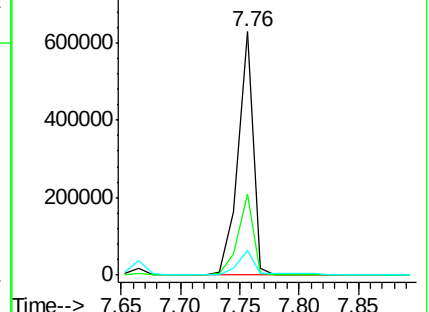
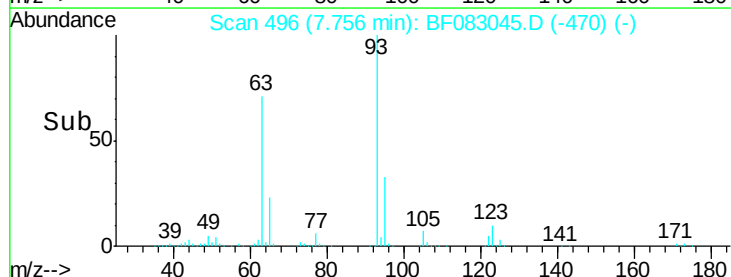
123 9.9 8.5 12.7

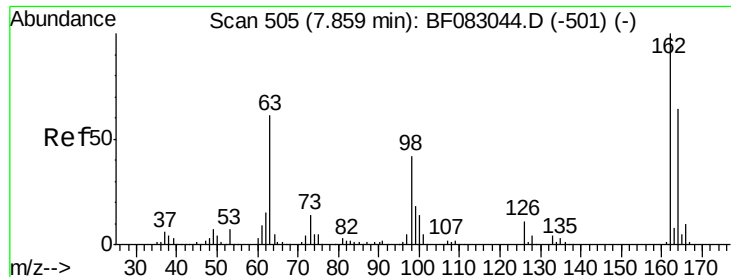


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

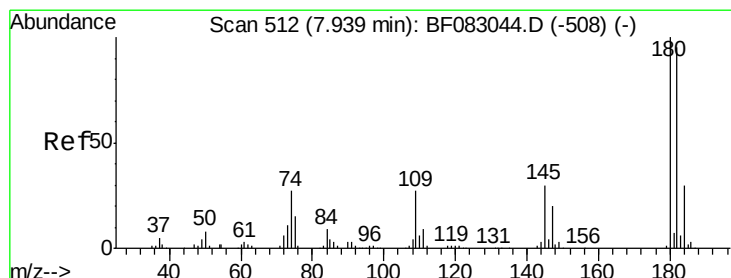
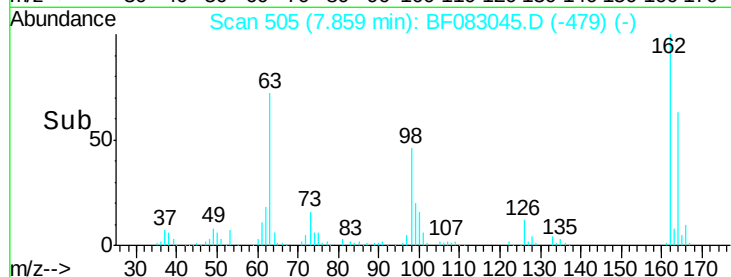
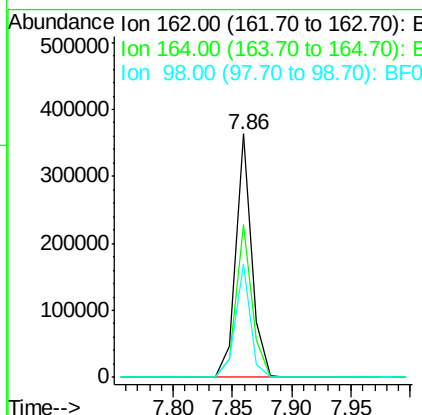
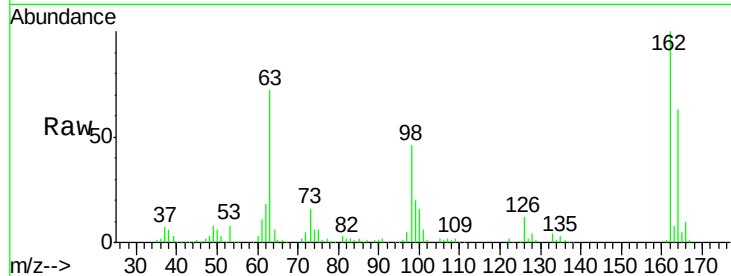




#29
 2,4-Dichlorophenol
 Concen: 44.08 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

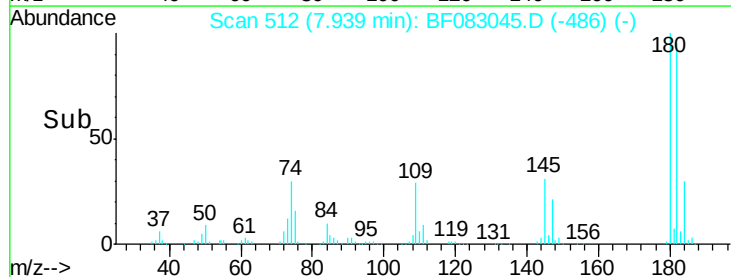
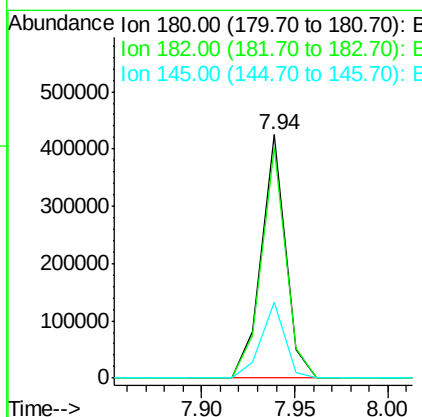
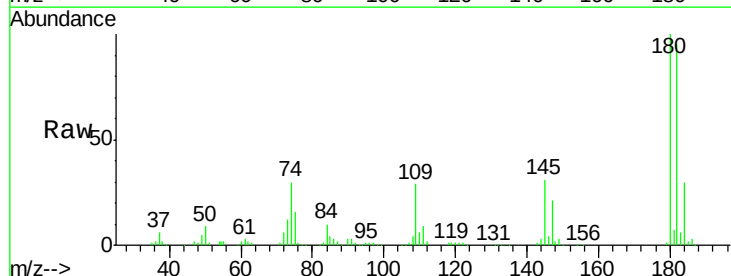
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

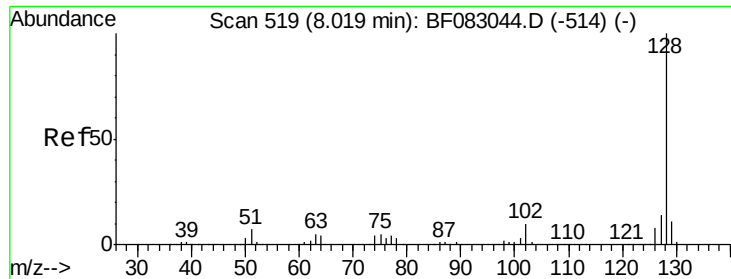
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.1	84.1
98	46.4	21.6	61.6



#30
 1,2,4-Trichlorobenzene
 Concen: 44.43 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	31.0	24.0	36.0

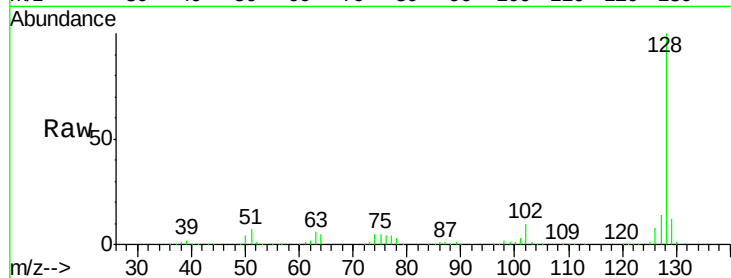




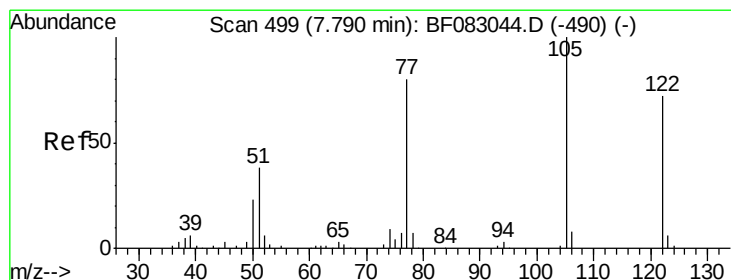
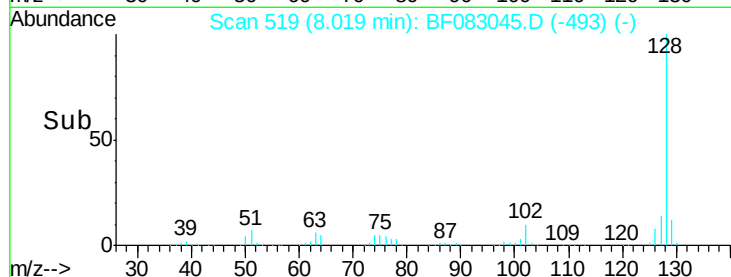
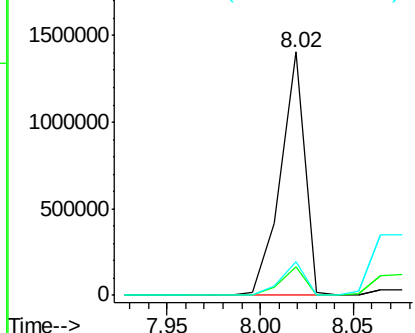
#31
Naphthalene
Concen: 47.31 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:128 Resp: 1271824
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.8 10.9 16.3

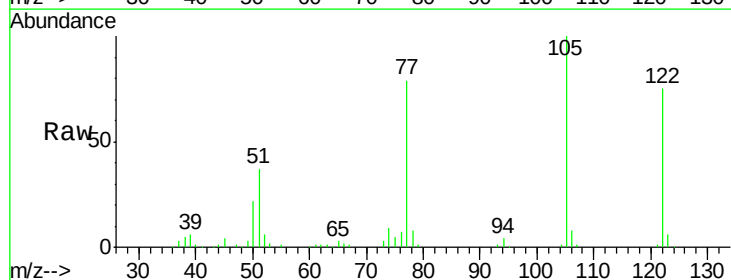


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

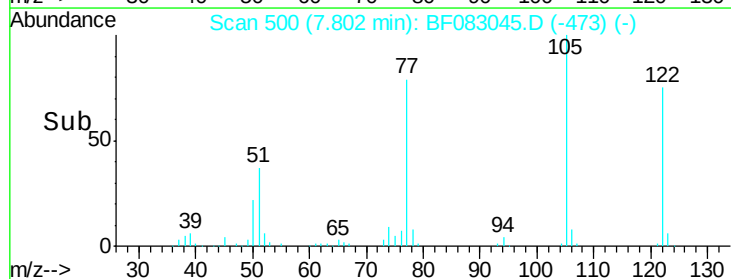
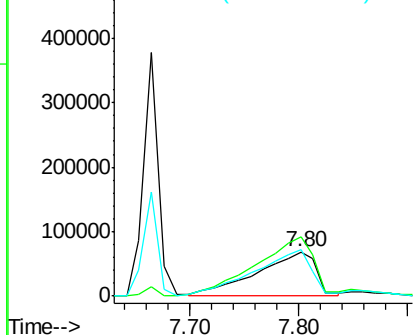


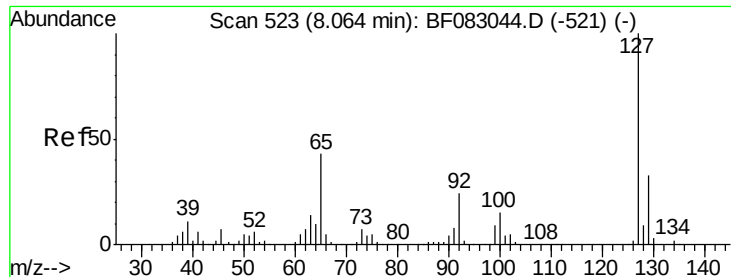
#32
Benzoic acid
Concen: 45.33 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:122 Resp: 255835
Ion Ratio Lower Upper
122 100
105 133.8 115.0 155.0
77 106.3 89.0 129.0



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

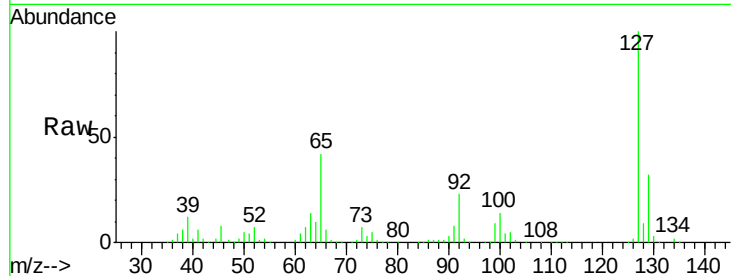




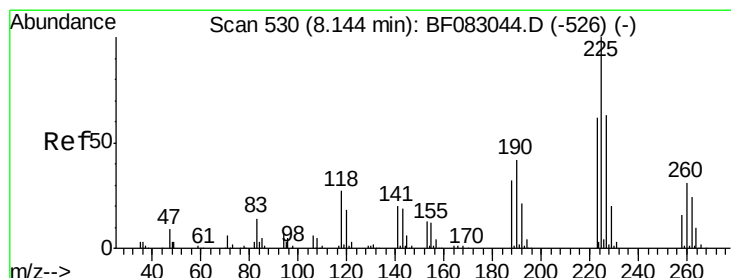
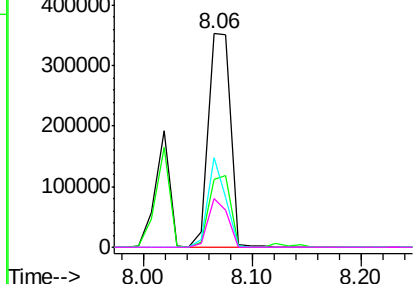
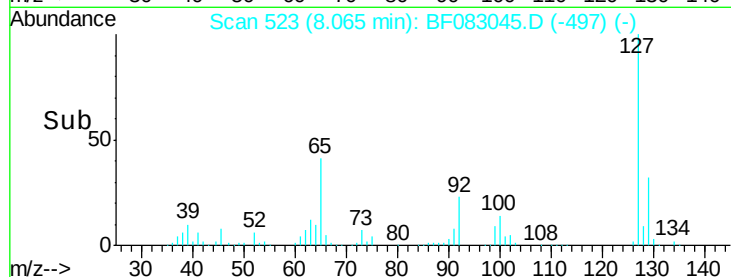
#33
4-Chloroaniline
Concen: 44.89 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:	127	Resp:	507419
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	42.0	34.4	51.6
92	22.8	19.5	29.3

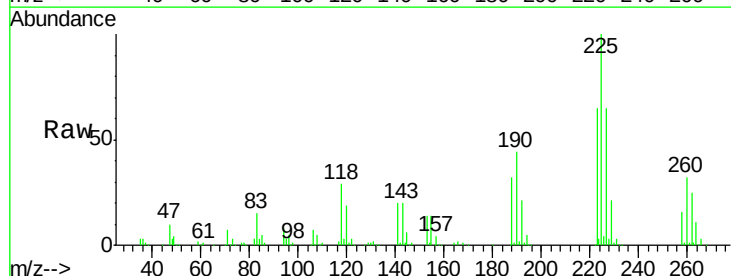


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

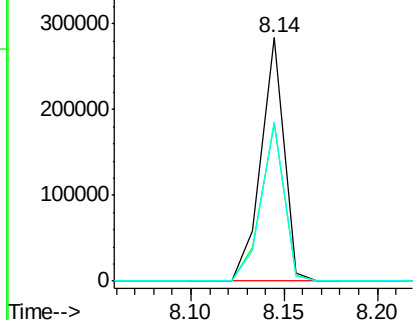
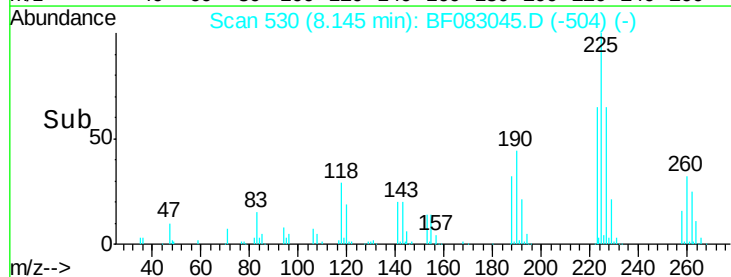


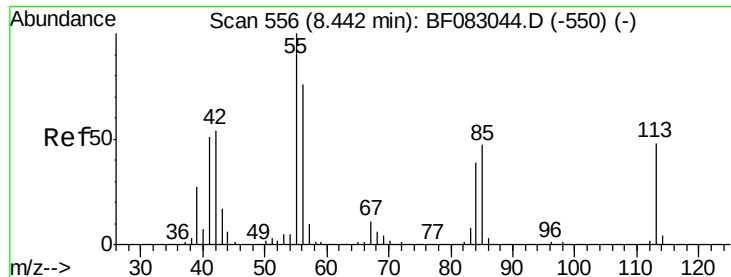
#34
Hexachlorobutadiene
Concen: 44.54 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:	225	Resp:	241608
Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.8	74.6
227	65.4	50.6	76.0



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

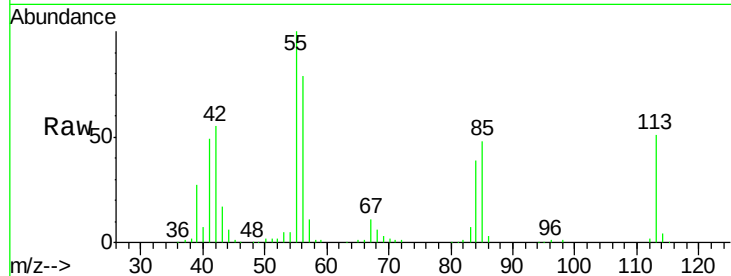




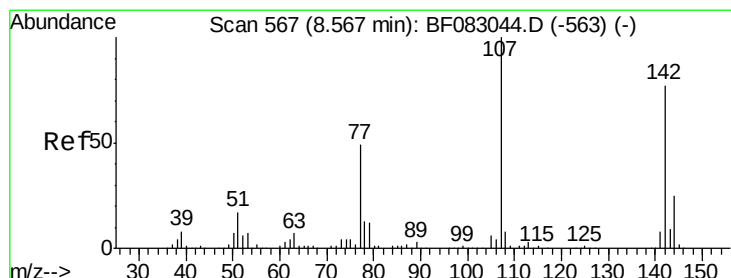
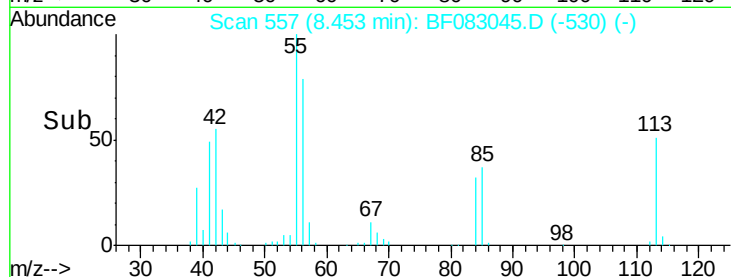
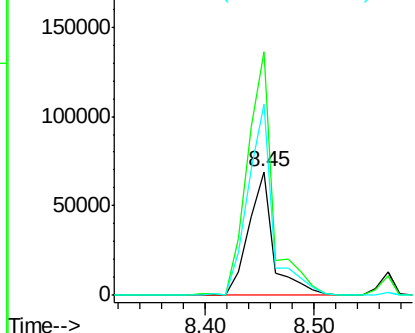
#35
 Caprolactam
 Concen: 45.91 ng
 RT: 8.45 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:113 Resp: 110029
 Ion Ratio Lower Upper
 113 100
 55 197.2 189.1 229.1
 56 155.0 137.9 177.9

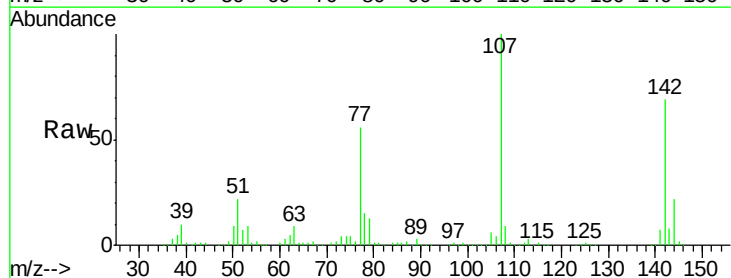


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

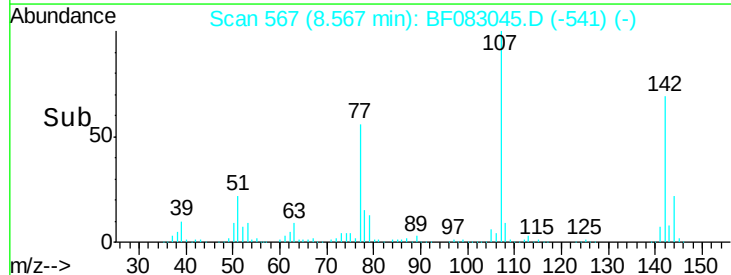
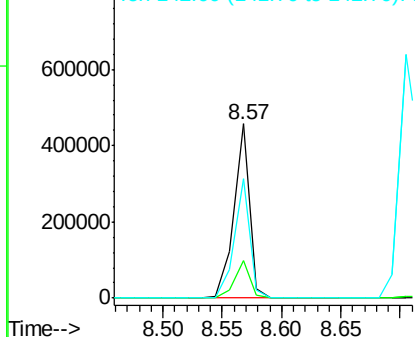


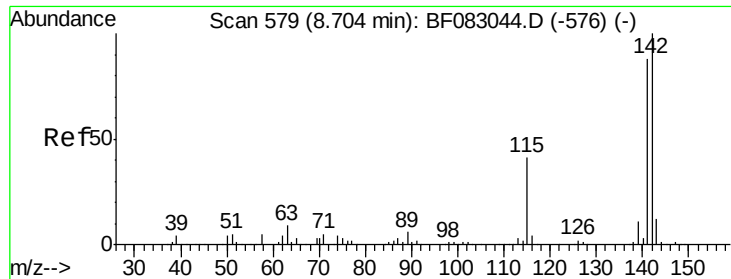
#36
 4-Chloro-3-methylphenol
 Concen: 45.98 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:107 Resp: 418975
 Ion Ratio Lower Upper
 107 100
 144 21.8 20.0 30.0
 142 68.7 61.3 91.9



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

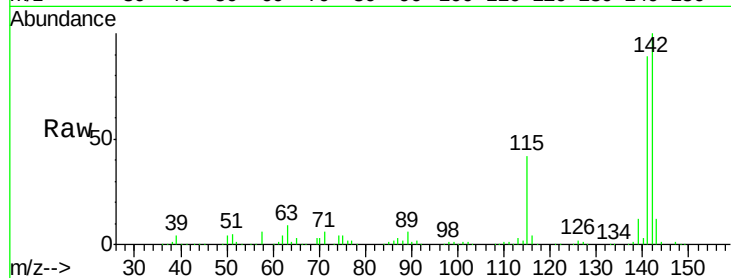




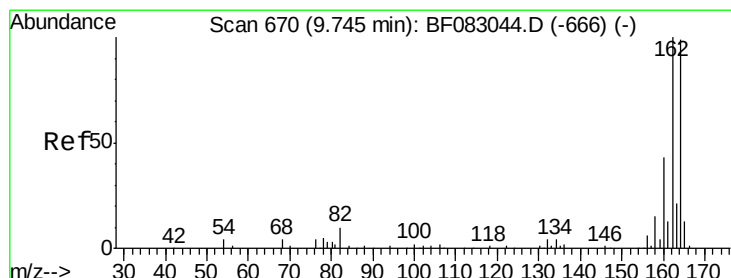
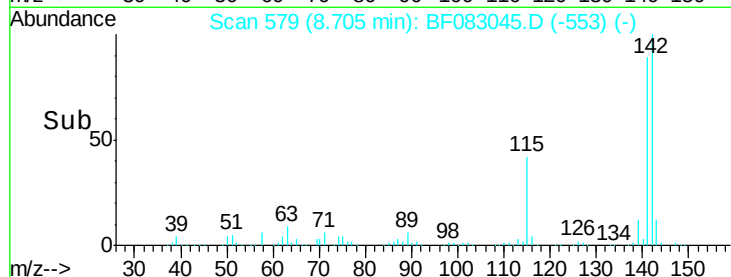
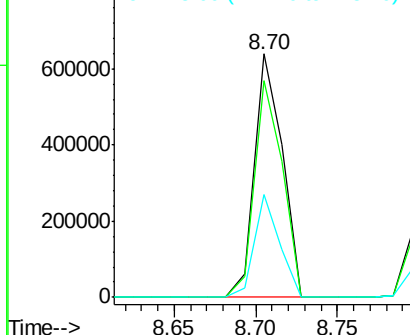
#37
 2-Methylnaphthalene
 Concen: 44.05 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:142 Resp: 756329
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.7 106.1
 115 42.4 33.1 49.7

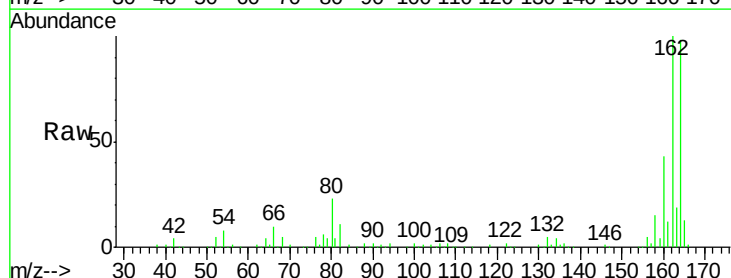


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

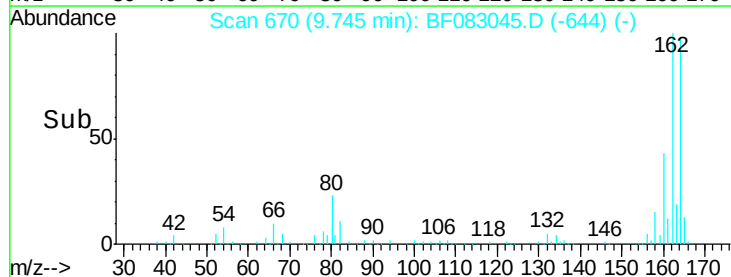
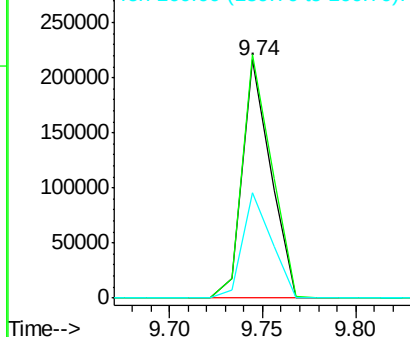


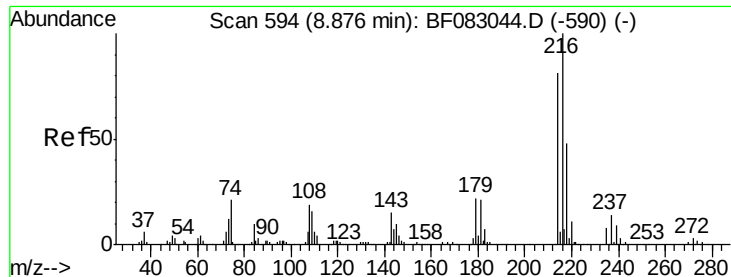
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:164 Resp: 227810
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.5 120.7
 160 44.2 35.0 52.4



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

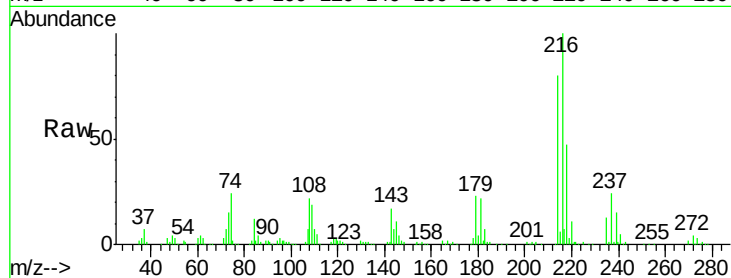




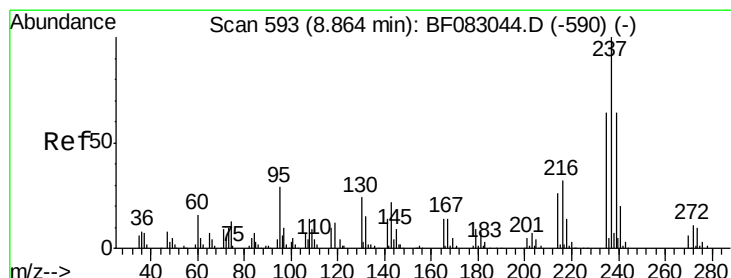
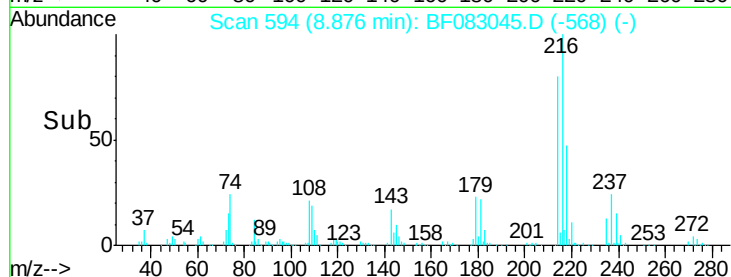
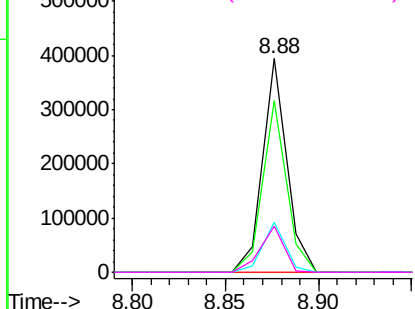
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.70 ng
RT: 8.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:	216	Resp:	351629
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.6	97.0
179	22.3	17.8	26.6
108	22.0	16.8	25.2

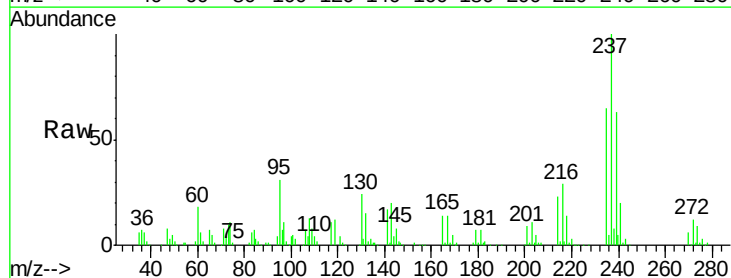


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

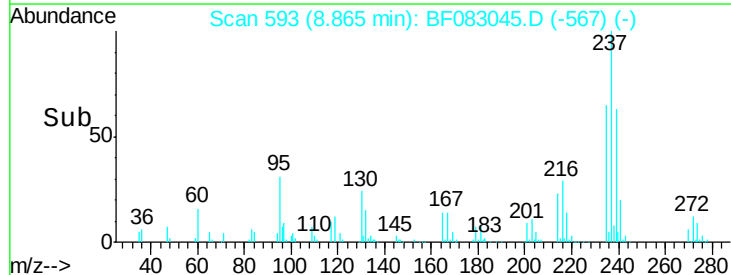
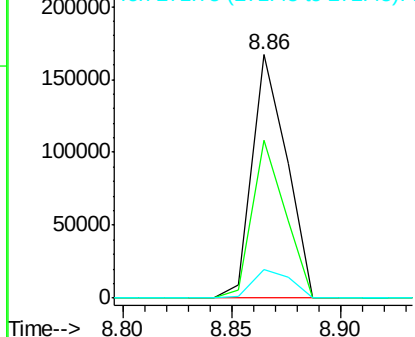


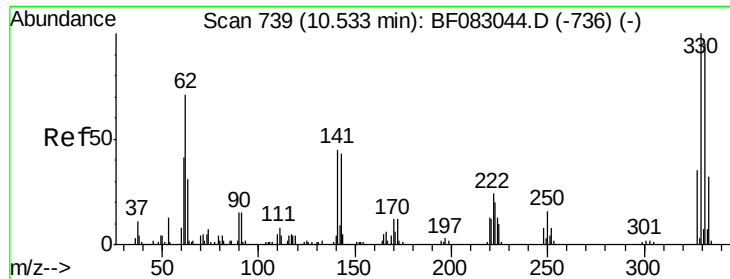
#40
Hexachlorocyclopentadiene
Concen: 47.47 ng
RT: 8.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:	237	Resp:	184662
Ion	Ratio	Lower	Upper
237	100		
235	64.8	44.1	84.1
272	11.7	0.0	30.9



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

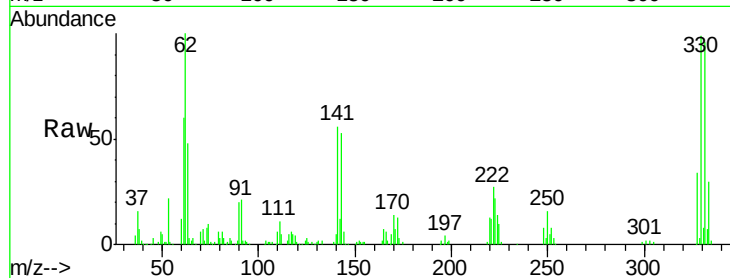




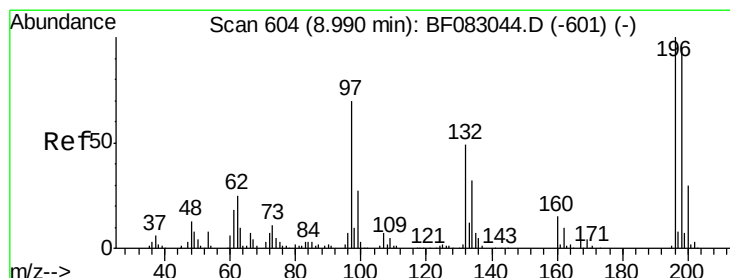
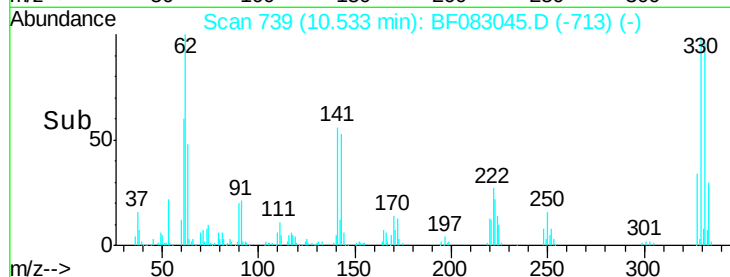
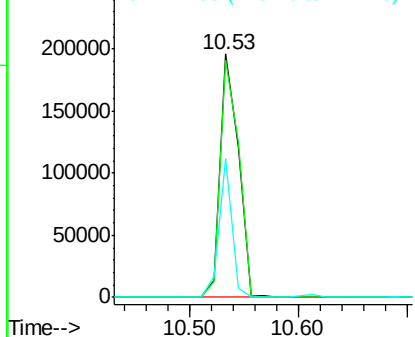
#41
 2,4,6-Tribromophenol
 Concen: 89.10 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 230149
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.6 116.4
 141 40.4 34.6 52.0

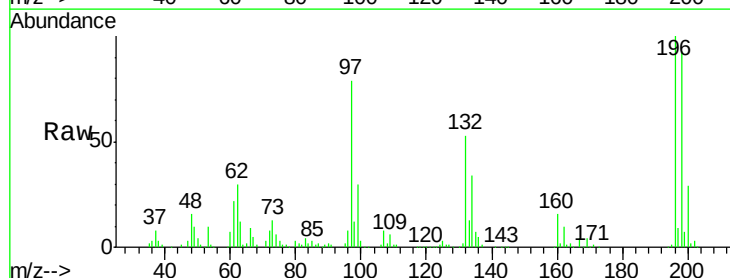


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

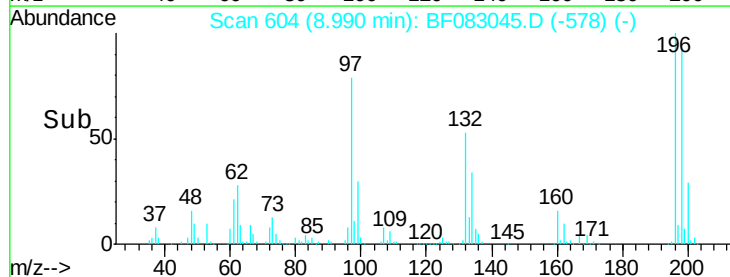
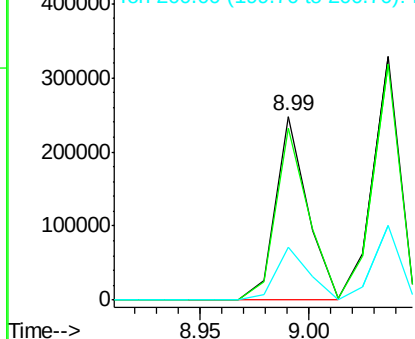


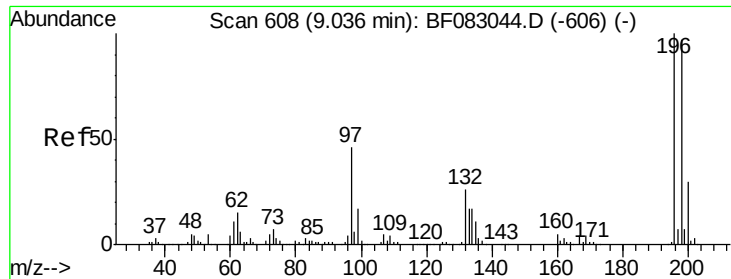
#42
 2,4,6-Trichlorophenol
 Concen: 45.83 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:196 Resp: 254779
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.9 113.9
 200 28.9 24.0 36.0



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

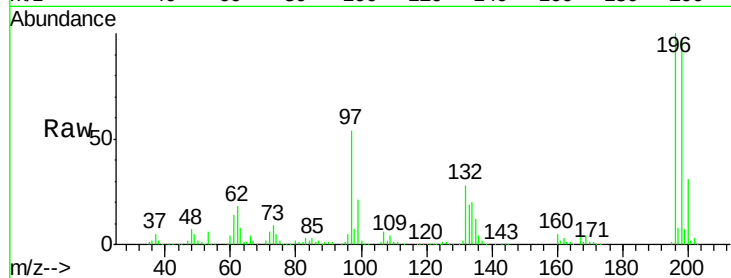




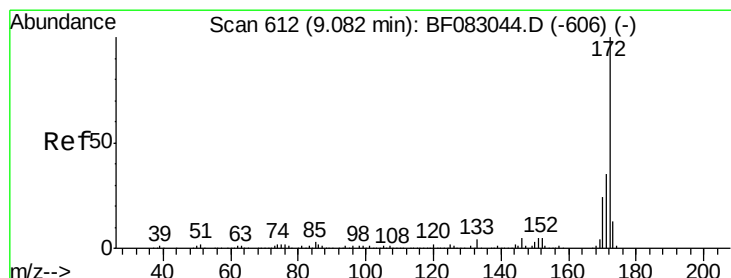
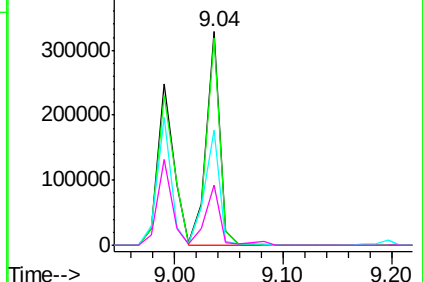
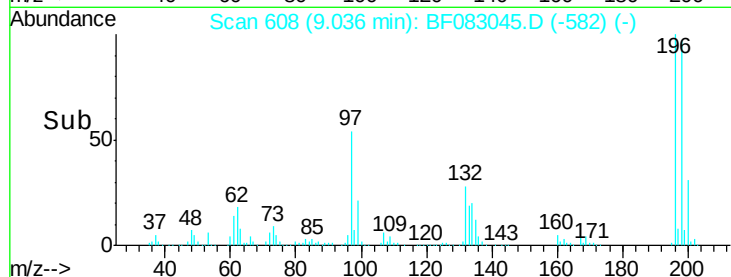
#43
 2,4,5-Trichlorophenol
 Concen: 52.07 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 288245
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.8 116.6
 97 53.8 37.1 55.7
 132 28.0 21.0 31.4

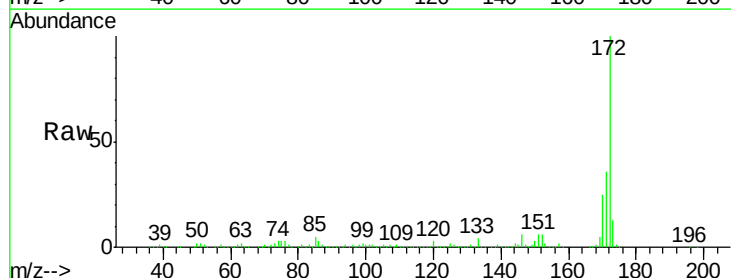


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

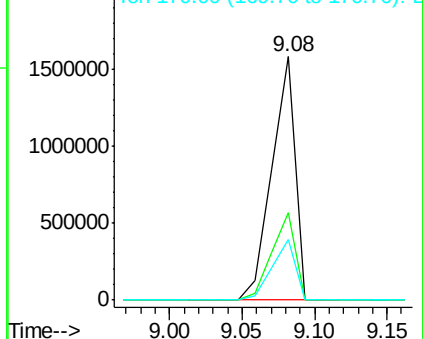
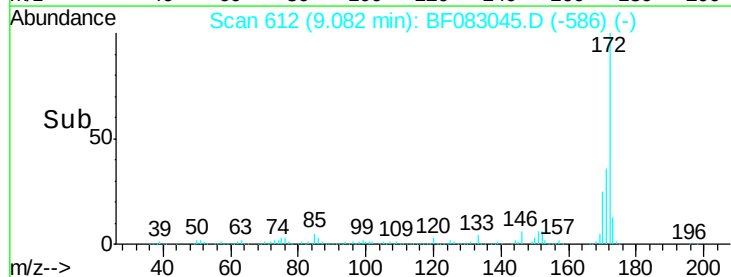


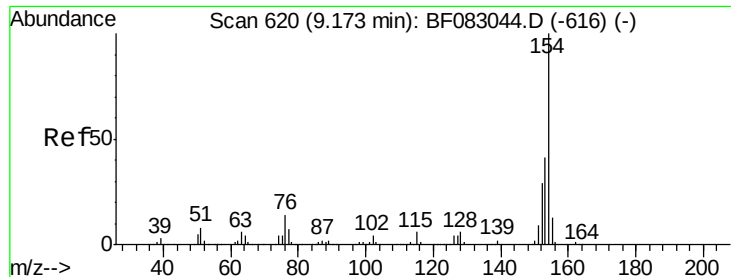
#44
 2-Fluorobiphenyl
 Concen: 109.52 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:172 Resp: 1759610
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.2 42.4
 170 24.7 19.4 29.0



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: 47.08 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

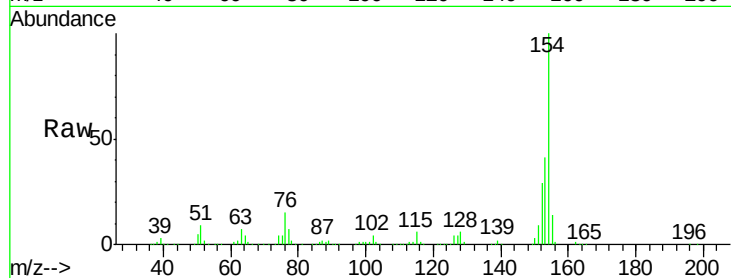
Tgt Ion:154 Resp: 906204

Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

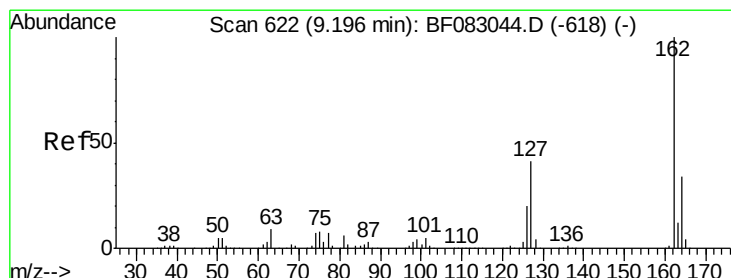
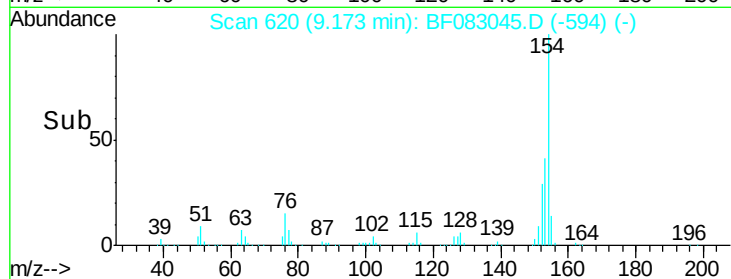
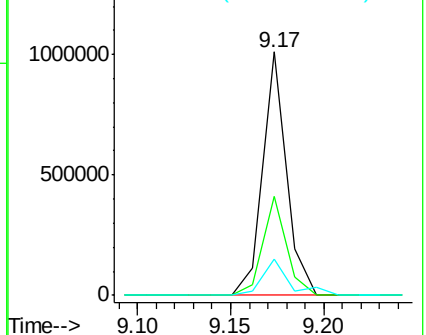
76 15.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.24 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

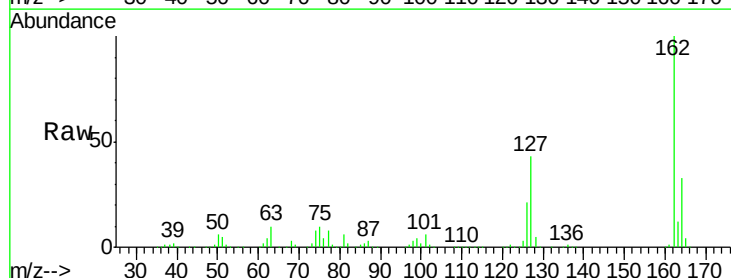
Tgt Ion:162 Resp: 747492

Ion Ratio Lower Upper

162 100

127 42.8 32.8 49.2

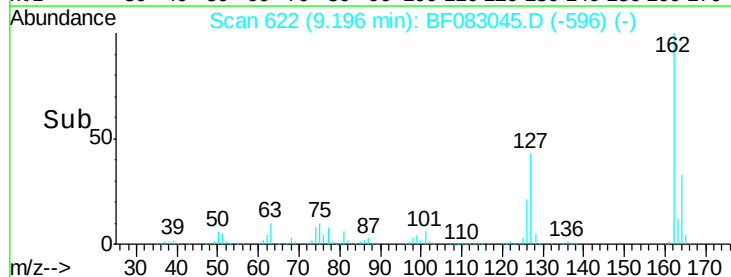
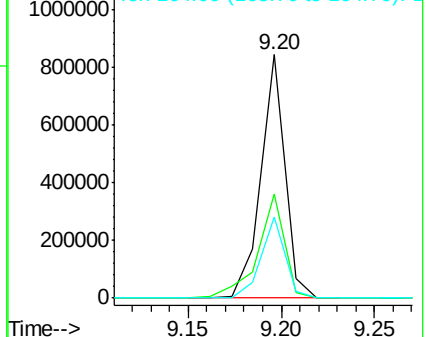
164 33.3 26.9 40.3

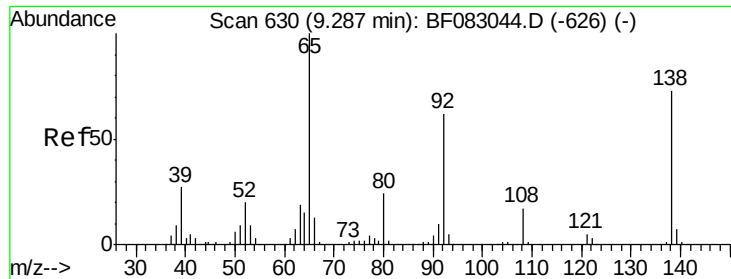


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

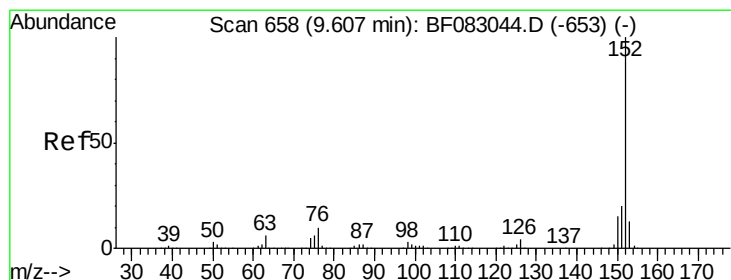
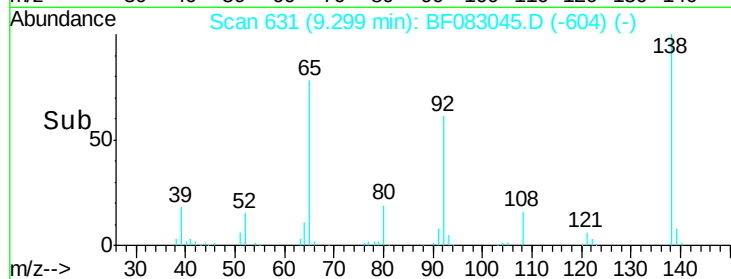
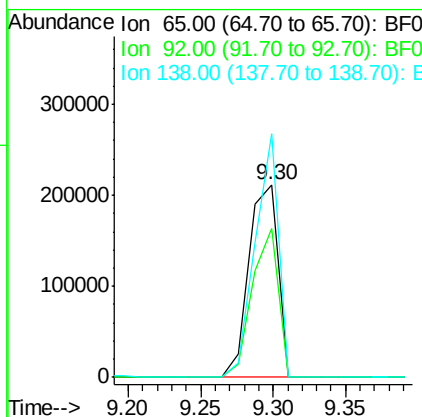
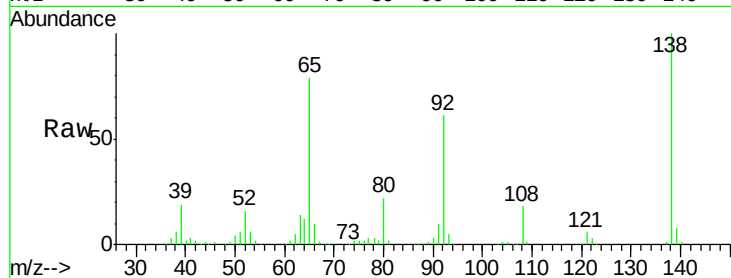




#47
 2-Nitroaniline
 Concen: 53.33 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

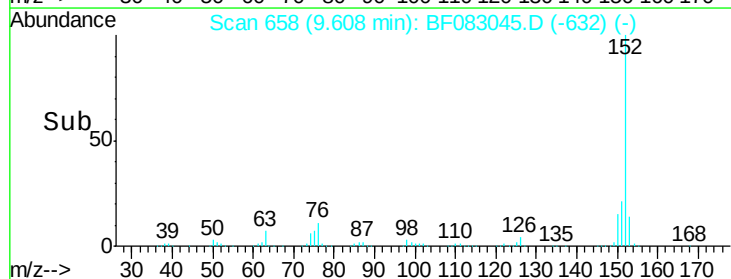
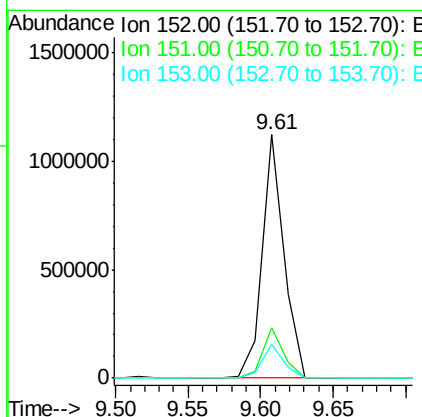
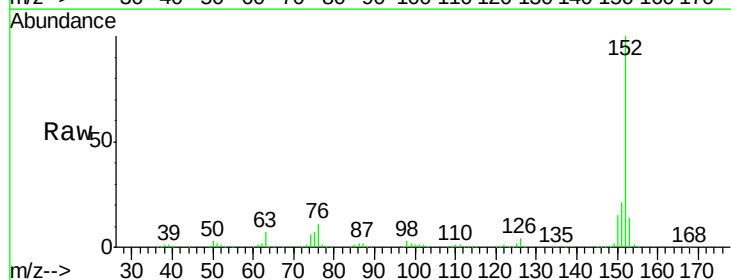
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

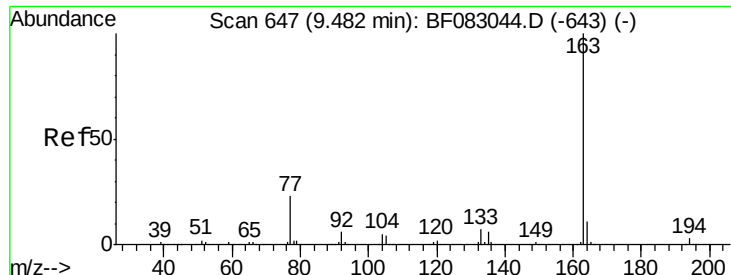
Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.6	49.6	74.4#
138	126.6	58.8	88.2#



#48
 Acenaphthylene
 Concen: 48.09 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	13.9	10.6	15.8

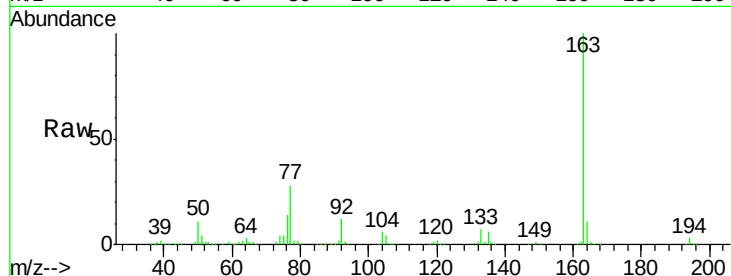




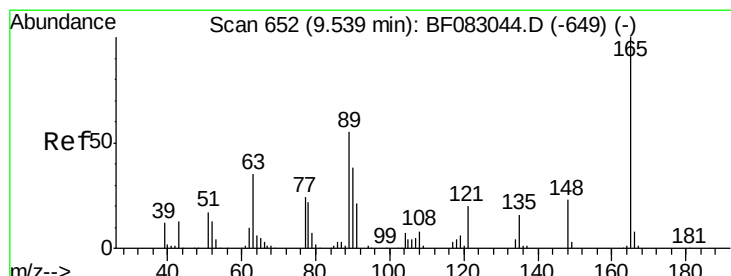
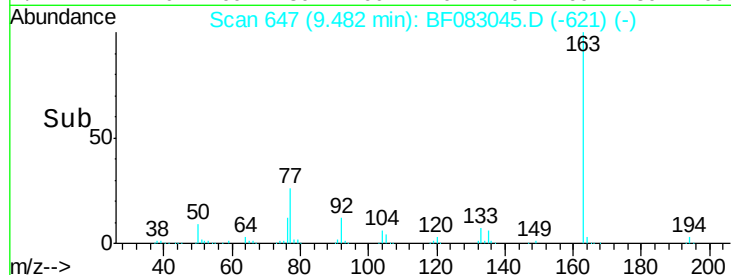
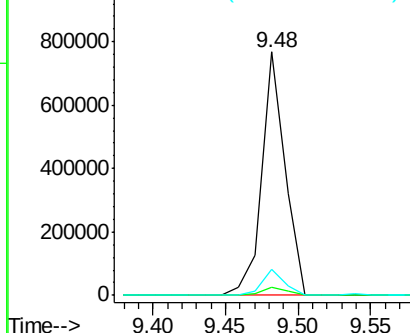
#49
Dimethylphthalate
Concen: 44.99 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:163 Resp: 849715
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.5 12.7

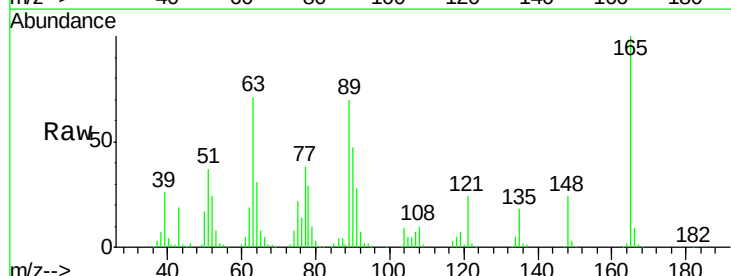


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

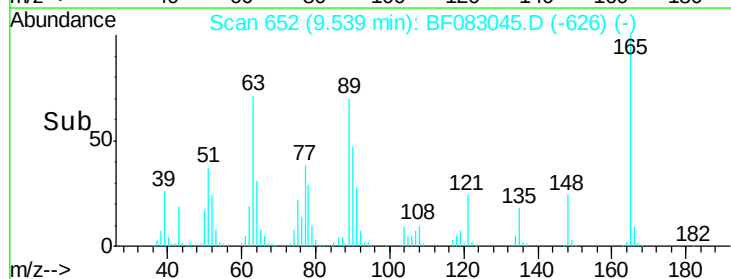
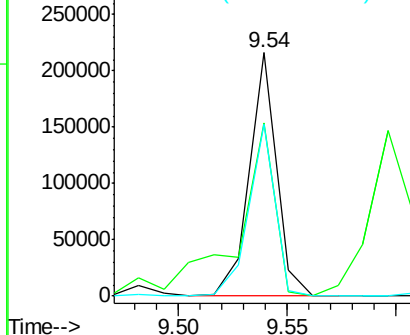


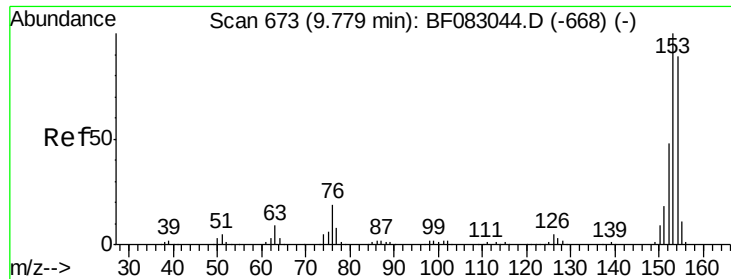
#50
2,6-Dinitrotoluene
Concen: 45.82 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:165 Resp: 188010
Ion Ratio Lower Upper
165 100
63 71.2 40.6 61.0#
89 70.4 44.5 66.7#



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: 49.19 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

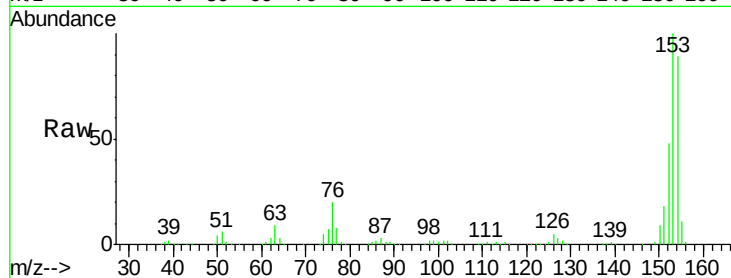
Tgt Ion:154 Resp: 746645

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

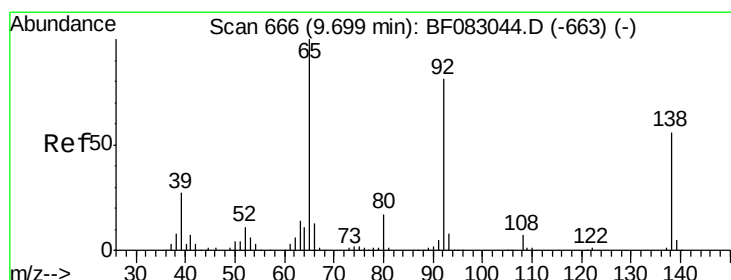
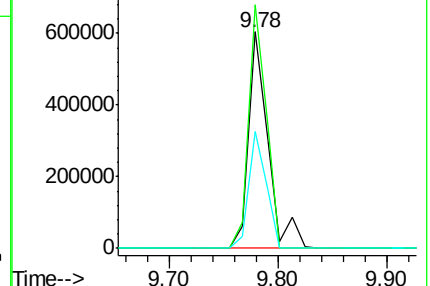
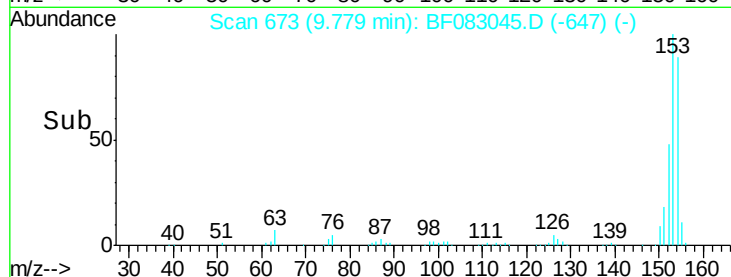
152 54.0 43.3 64.9



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: 61.94 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

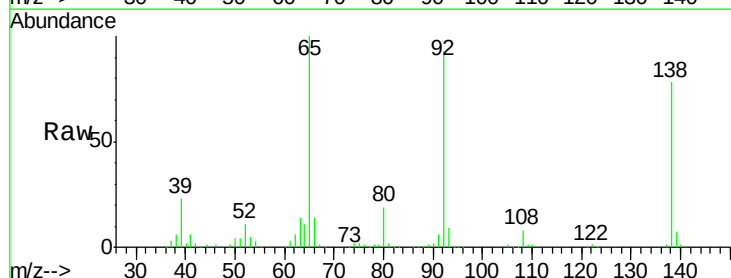
Tgt Ion:138 Resp: 266890

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

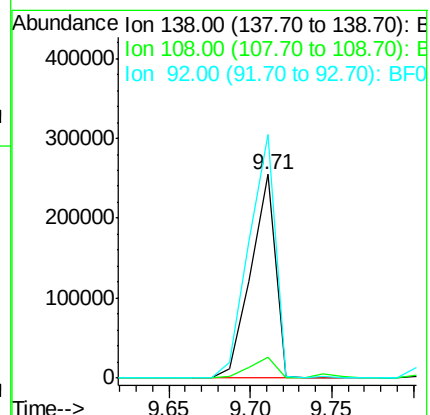
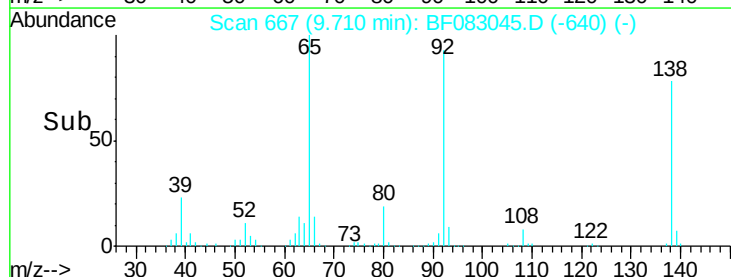
92 119.4 115.2 172.8

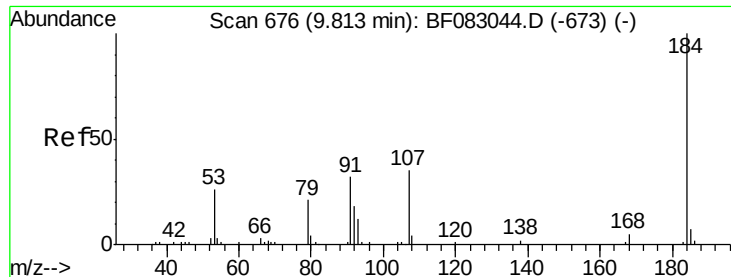


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

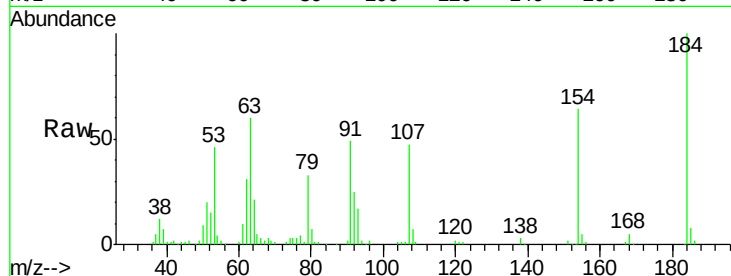




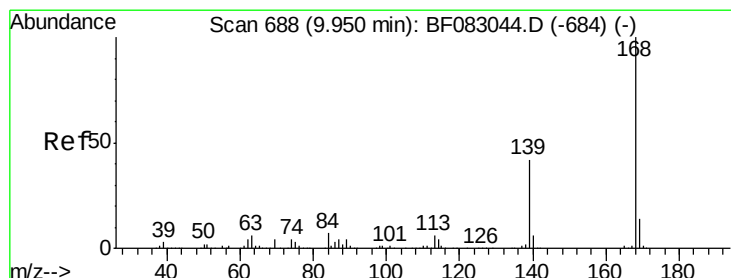
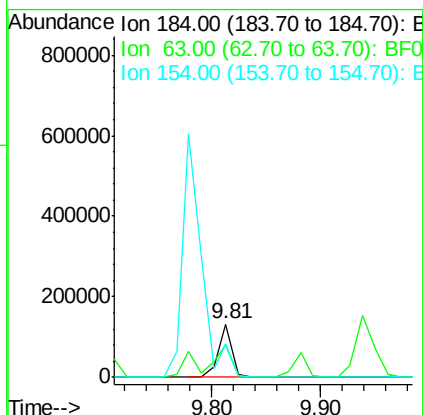
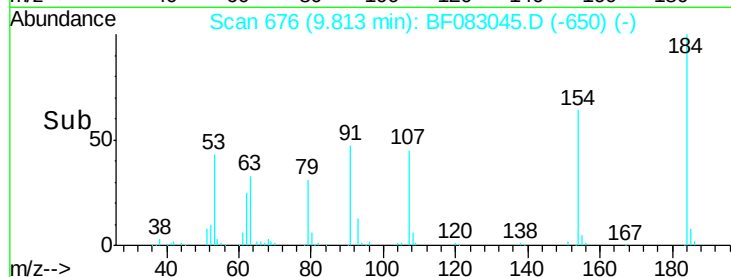
#53
 2,4-Dinitrophenol
 Concen: 58.24 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:184 Resp: 121788
 Ion Ratio Lower Upper
 184 100
 63 60.3 30.4 45.6#
 154 64.2 44.9 67.3

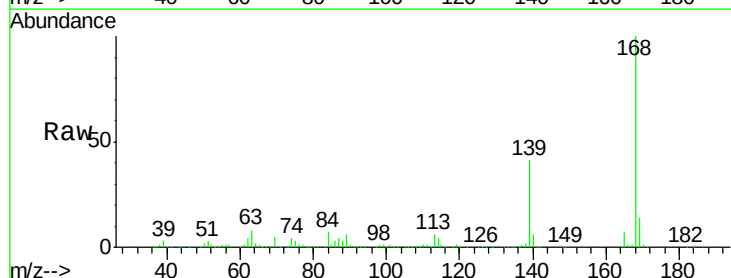


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

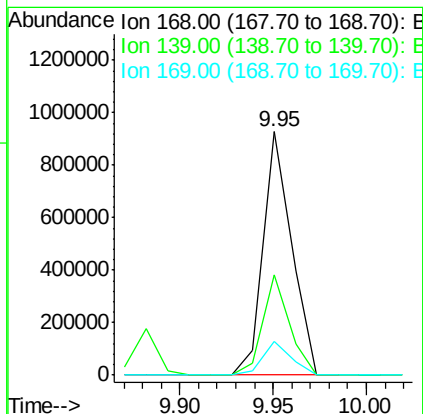
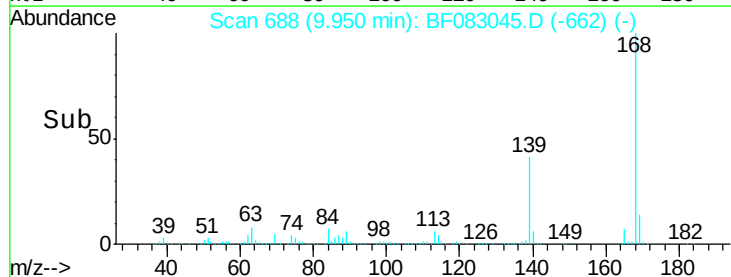


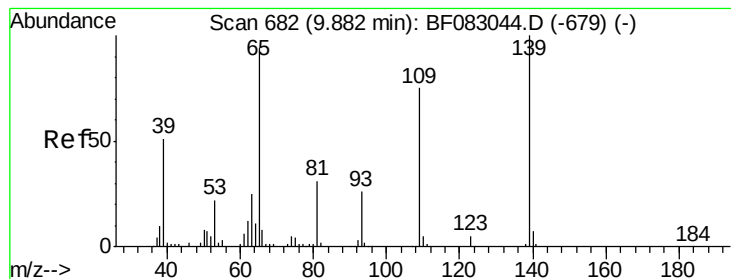
#54
 Dibenzofuran
 Concen: 47.74 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:168 Resp: 976624
 Ion Ratio Lower Upper
 168 100
 139 41.4 33.5 50.3
 169 13.9 11.2 16.8



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: 46.12 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

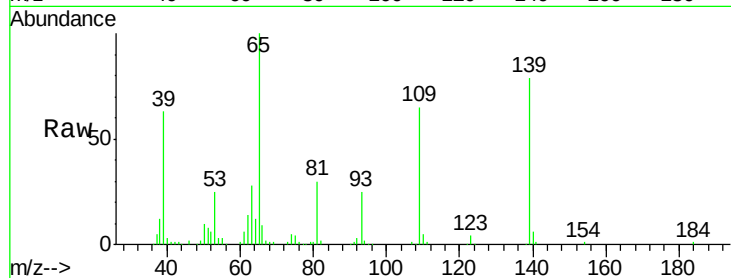
Tgt Ion:139 Resp: 156516

Ion Ratio Lower Upper

139 100

109 81.6 54.6 94.6

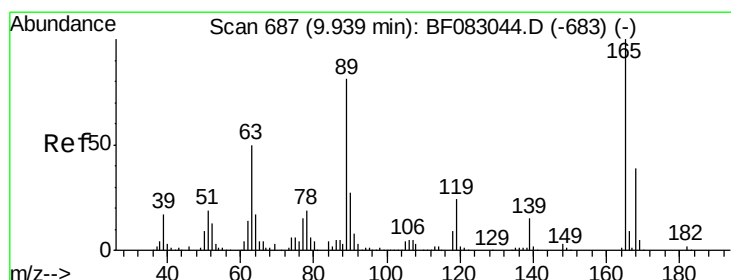
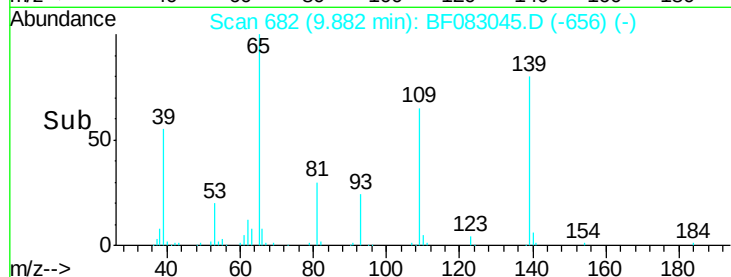
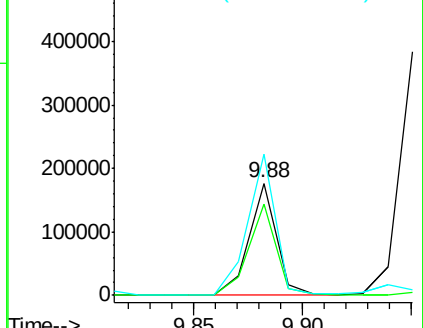
65 126.2 74.4 114.4#



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: 43.49 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Tgt Ion:165 Resp: 239511

Ion Ratio Lower Upper

165 100

63 63.2 40.6 61.0#

89 92.6 64.4 96.6

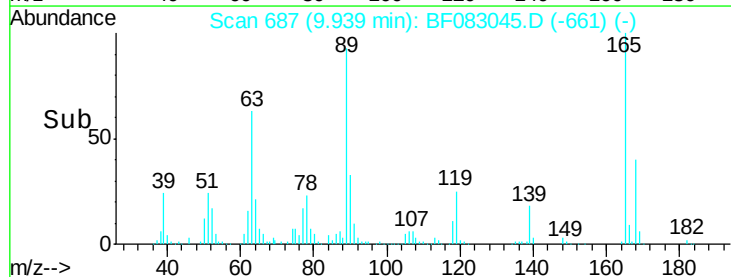
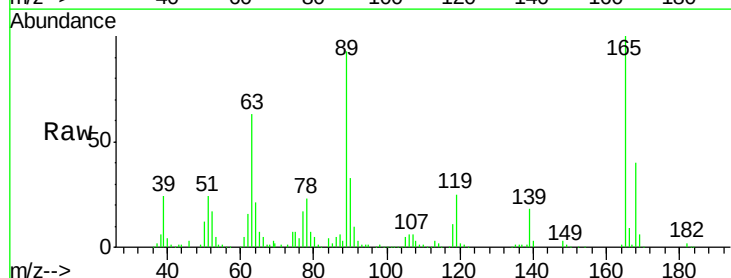
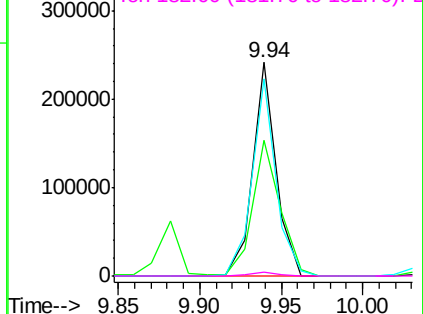
182 2.1 1.6 2.4

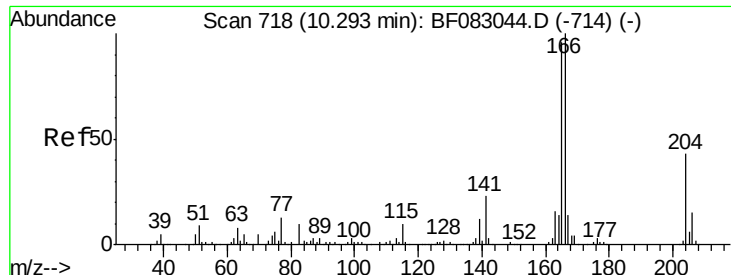
Abundance Ion 165.00 (164.70 to 165.70): E

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

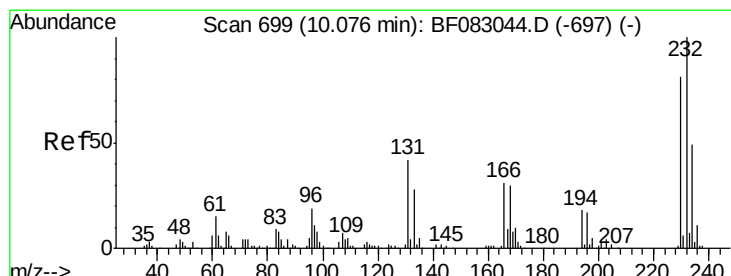
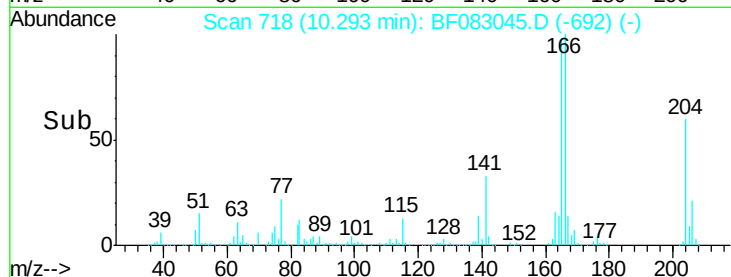
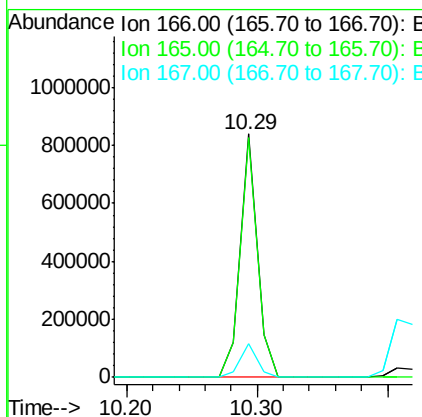
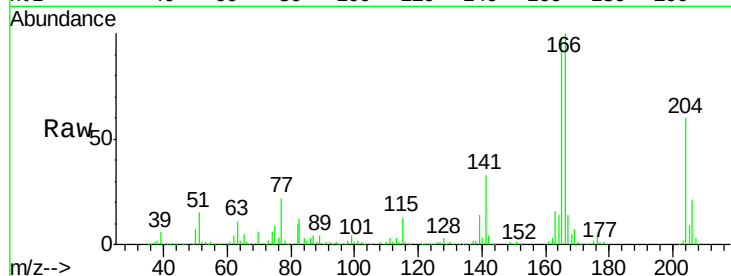




#57
 Fluorene
 Concen: 45.78 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

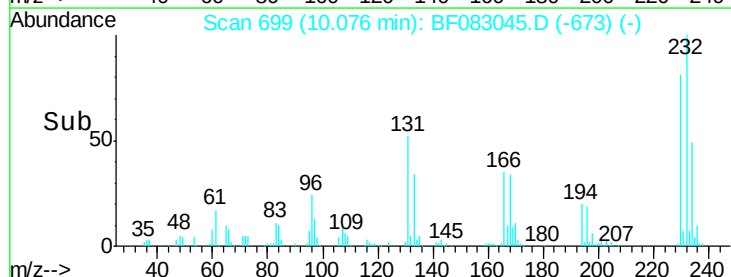
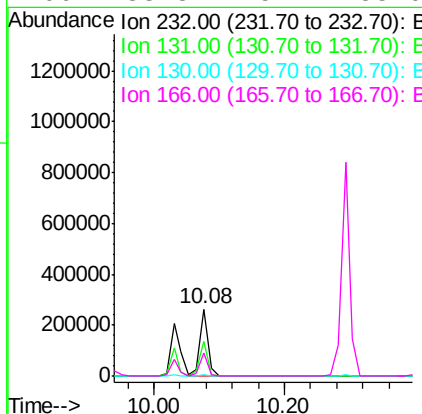
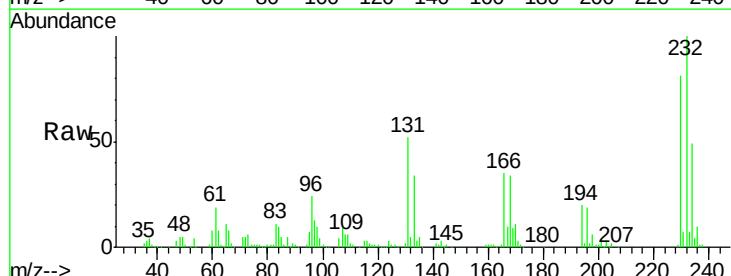
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

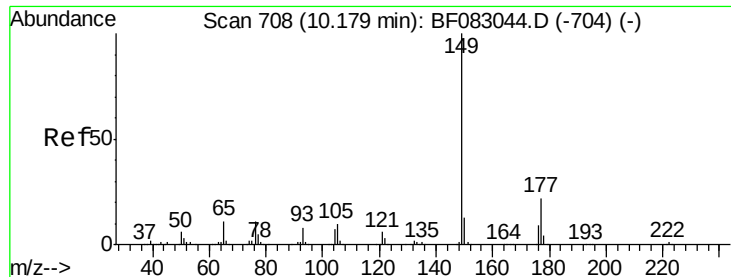
Tgt Ion:166 Resp: 762846
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.1 115.7
 167 13.9 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.74 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:232 Resp: 227463
 Ion Ratio Lower Upper
 232 100
 131 50.3 36.5 54.7
 130 2.3 1.8 2.6
 166 33.3 25.4 38.0

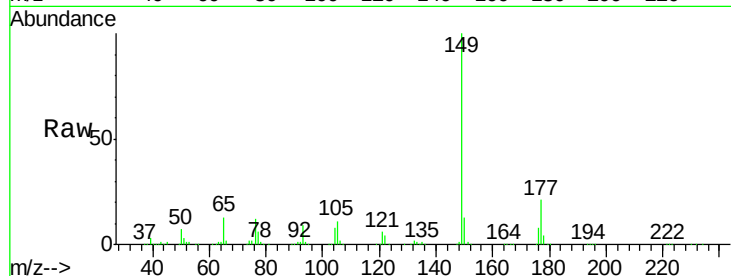




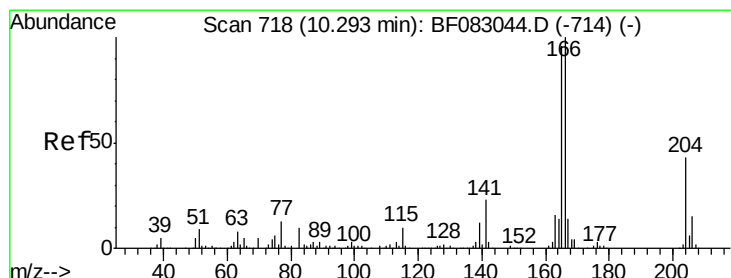
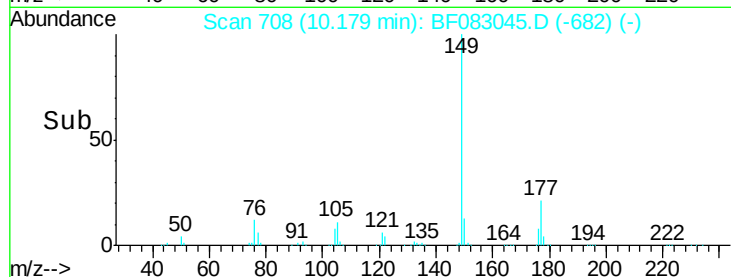
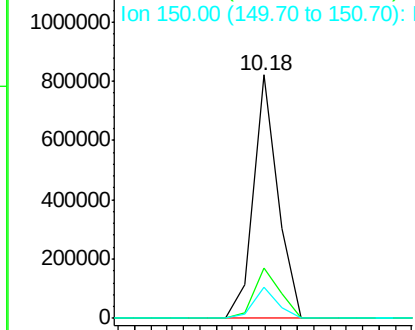
#59
Diethylphthalate
Concen: 46.63 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:149 Resp: 853768
Ion Ratio Lower Upper
149 100
177 20.8 17.4 26.2
150 13.0 10.2 15.2

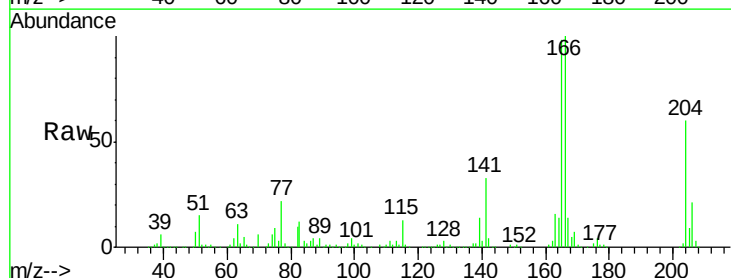


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

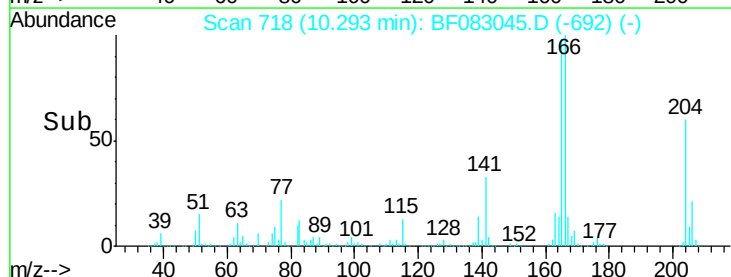
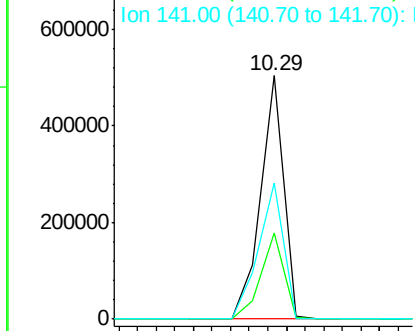


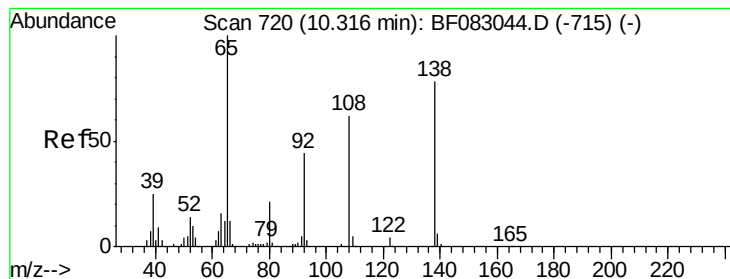
#60
4-Chlorophenyl-phenylether
Concen: 51.41 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:204 Resp: 427760
Ion Ratio Lower Upper
204 100
206 35.2 28.2 42.4
141 55.7 41.8 62.8



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





#61

4-Nitroaniline

Concen: 52.90 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

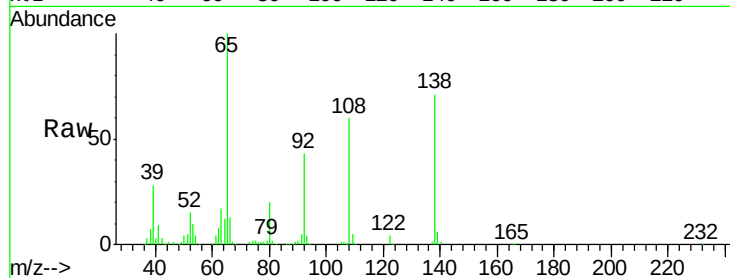
Tgt Ion:138 Resp: 237497

Ion Ratio Lower Upper

138 100

92 60.0 36.4 76.4

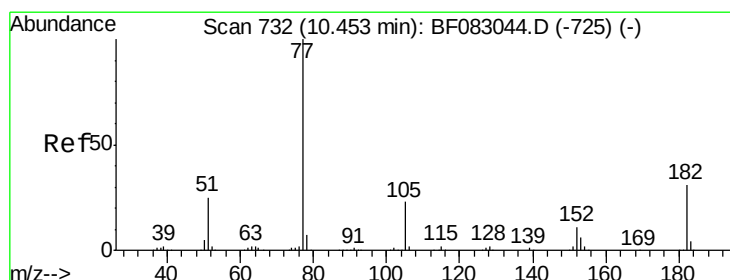
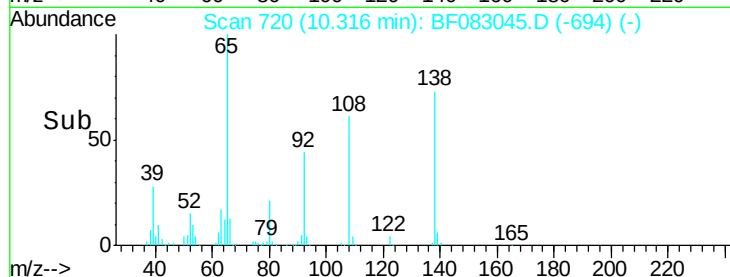
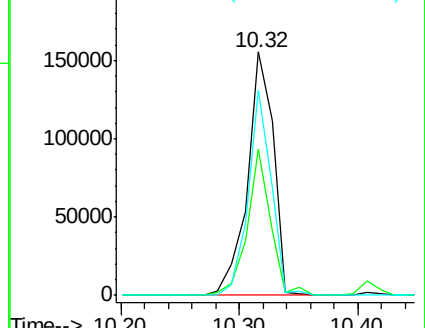
108 84.2 59.6 99.6



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: 55.78 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Tgt Ion: 77 Resp: 1101083

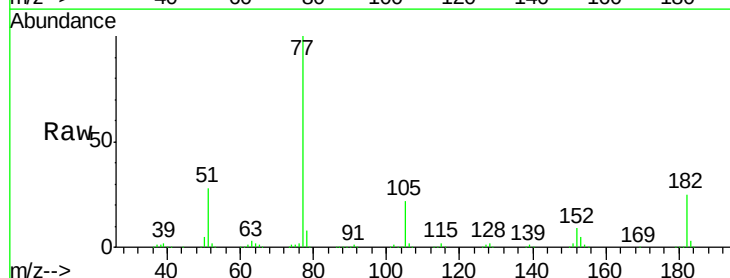
Ion Ratio Lower Upper

77 100

182 24.5 10.8 50.8

105 22.5 3.4 43.4

51 28.0 4.7 44.7

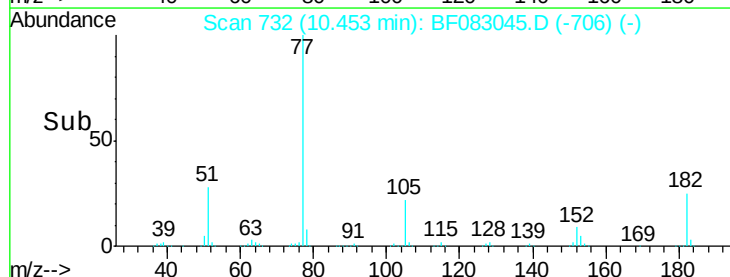
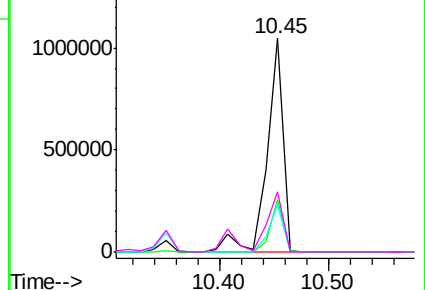


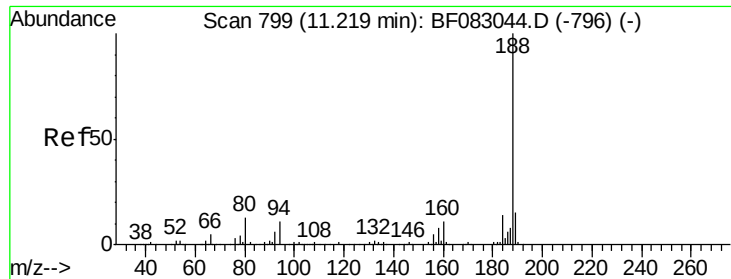
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

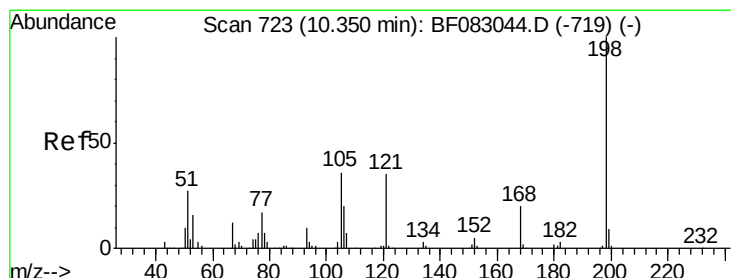
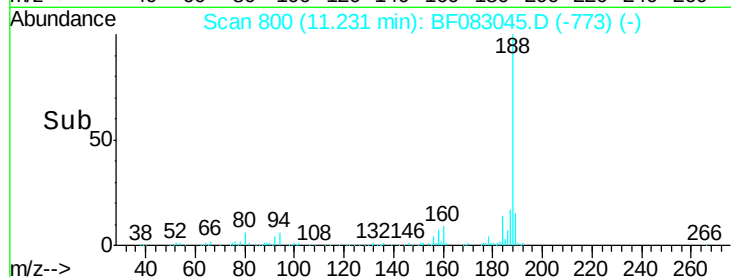
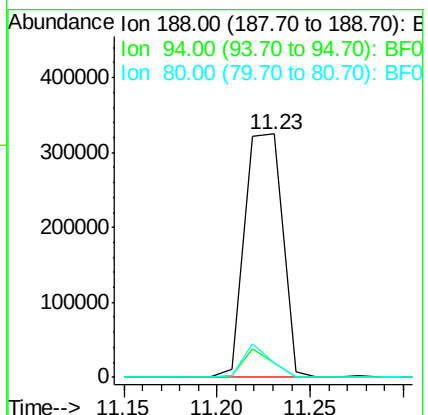
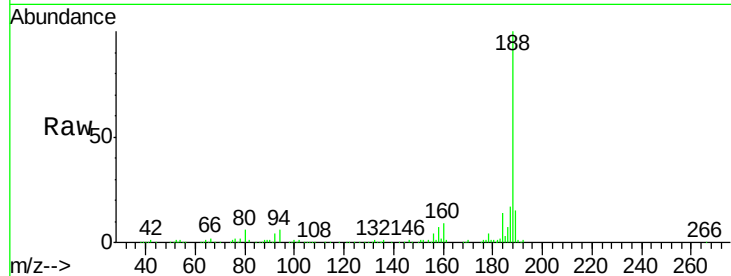




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

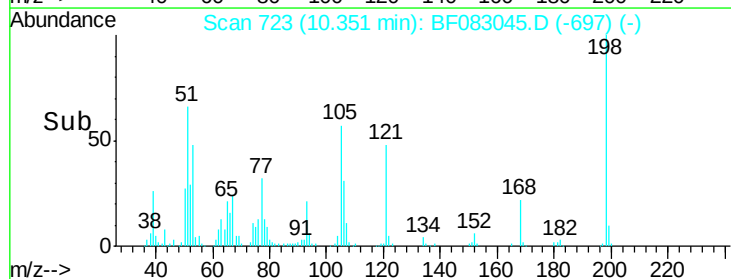
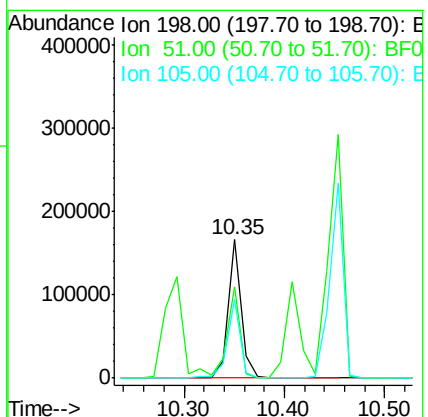
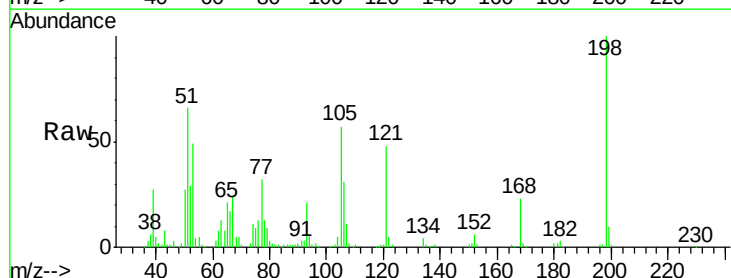
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

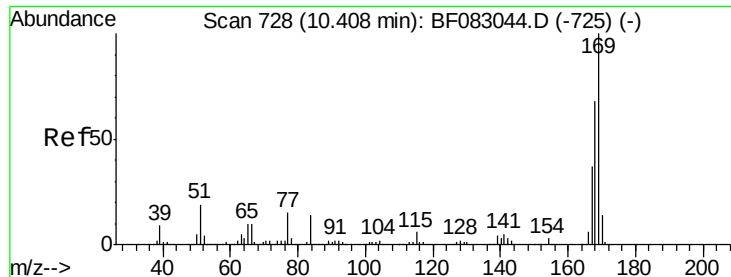
Tgt Ion:188 Resp: 455266
Ion Ratio Lower Upper
188 100
94 5.8 9.0 13.4#
80 6.2 10.2 15.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.89 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:198 Resp: 150845
Ion Ratio Lower Upper
198 100
51 66.0 11.1 51.1#
105 56.9 16.5 56.5#





#65

n-Nitrosodiphenylamine

Concen: 47.22 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

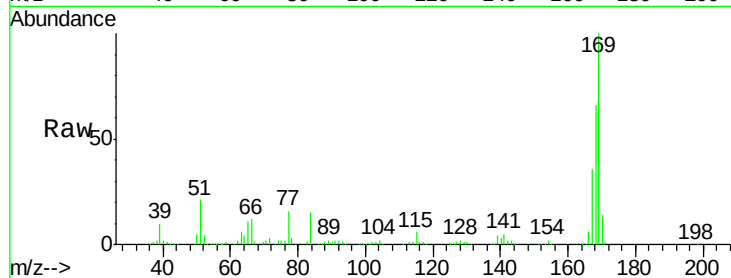
Tgt Ion:169 Resp: 760844

Ion Ratio Lower Upper

169 100

168 65.5 54.2 81.2

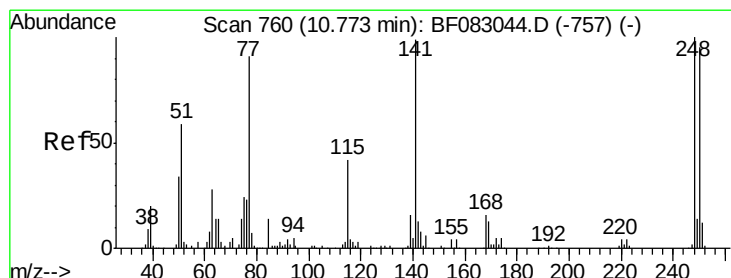
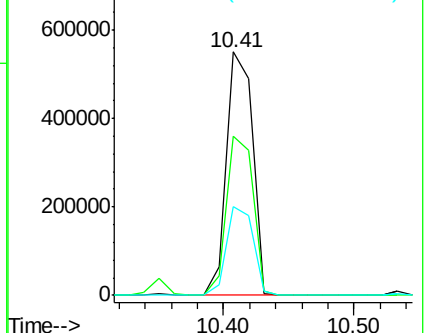
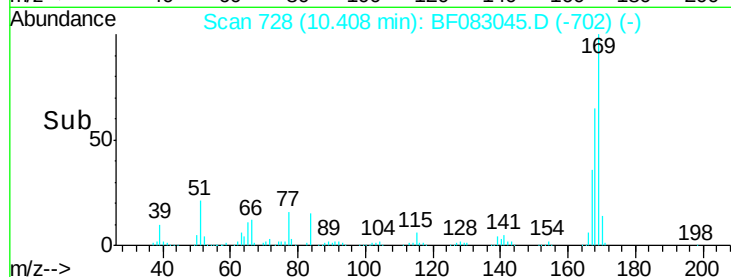
167 36.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.10 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

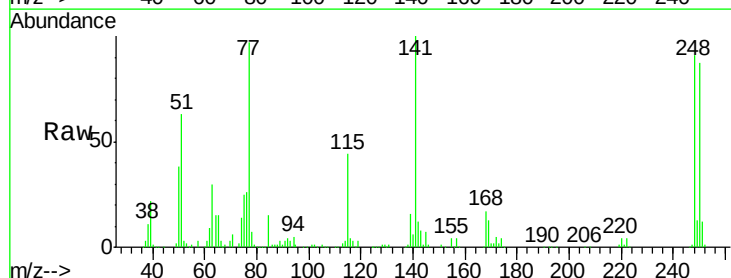
Tgt Ion:248 Resp: 240655

Ion Ratio Lower Upper

248 100

250 95.6 76.1 114.1

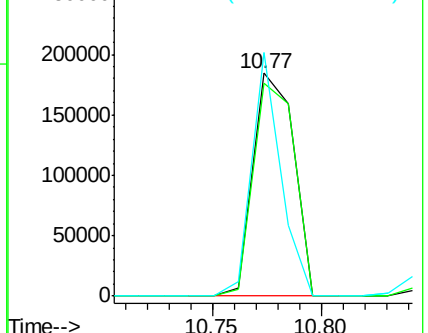
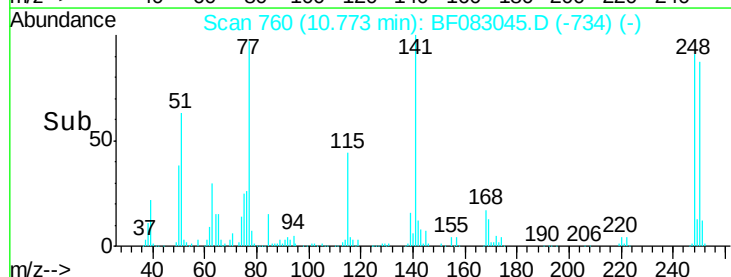
141 109.4 79.2 118.8

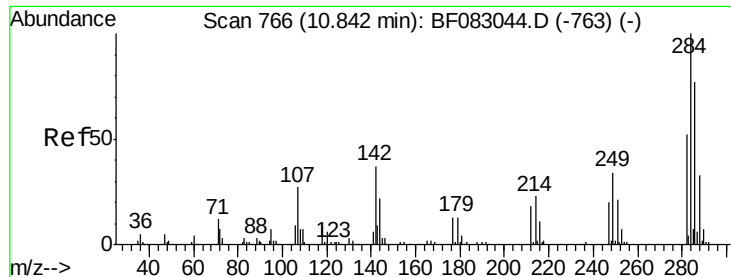


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

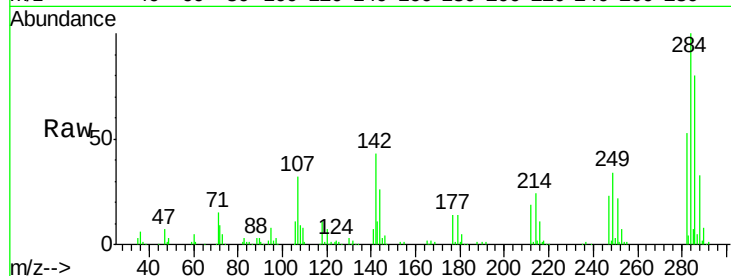




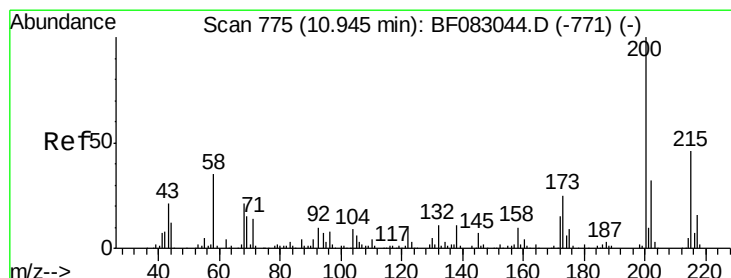
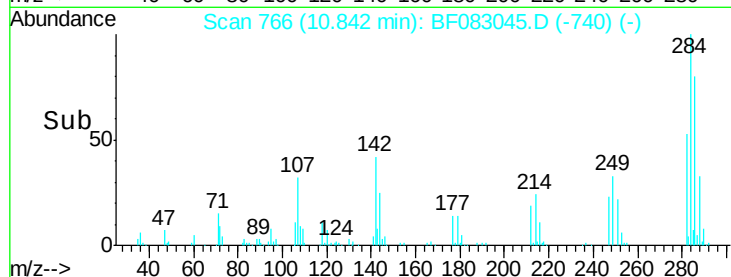
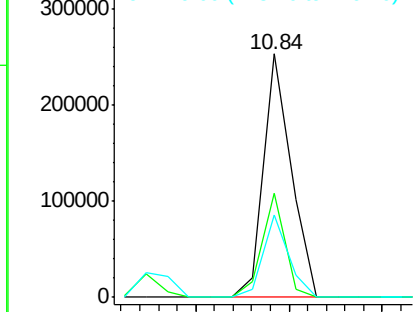
#67
Hexachlorobenzene
Concen: 42.43 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.0	29.5	44.3
249	33.9	27.2	40.8

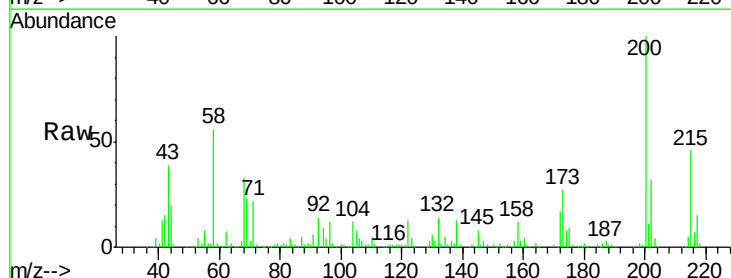


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

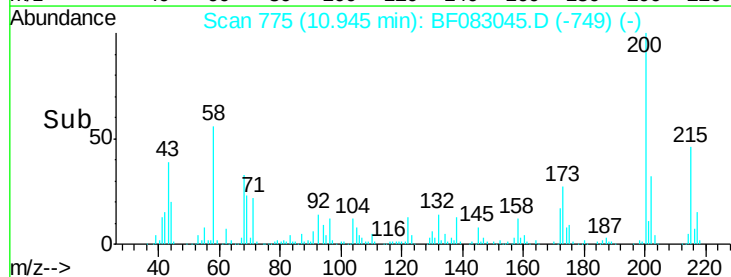
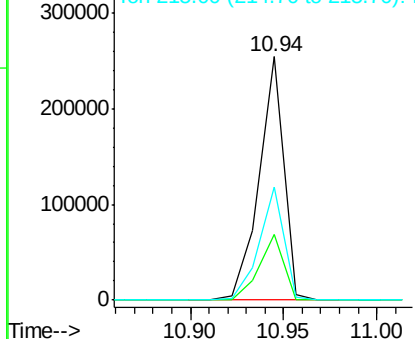


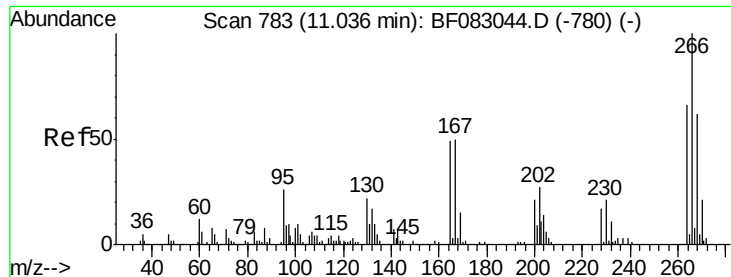
#68
Atrazine
Concen: 44.96 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	4.9	44.9
215	46.2	25.5	65.5



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

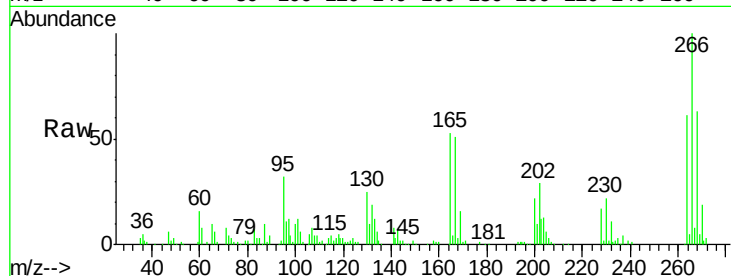




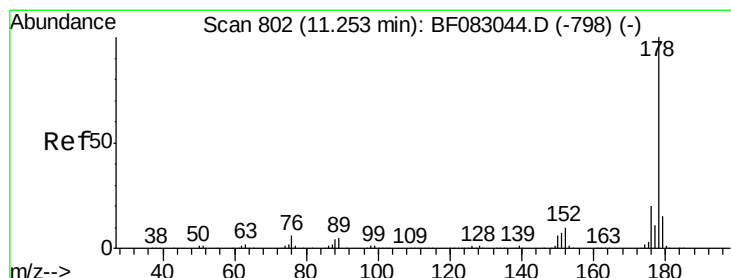
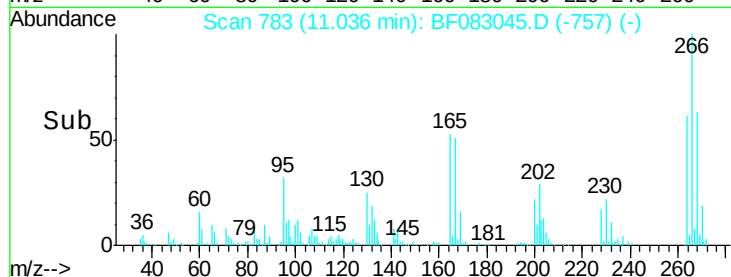
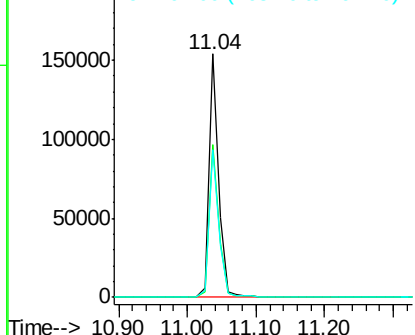
#69
 Pentachlorophenol
 Concen: 42.92 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:266 Resp: 152871
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.6 74.4
 264 60.9 52.7 79.1

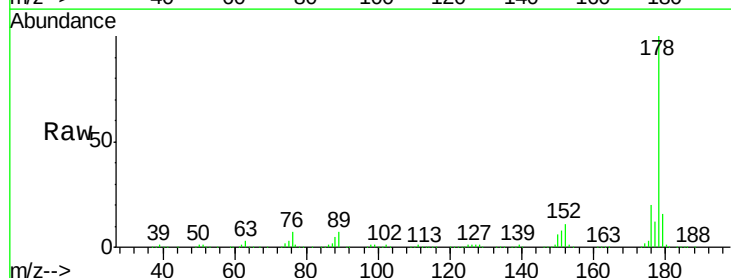


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

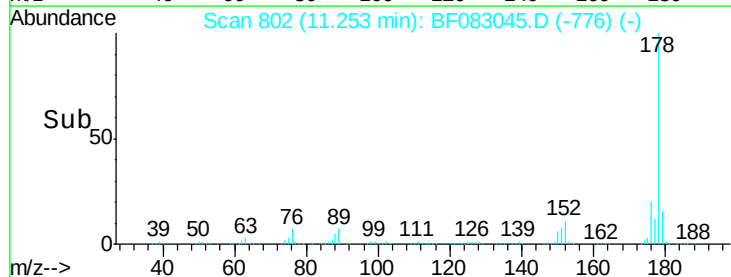
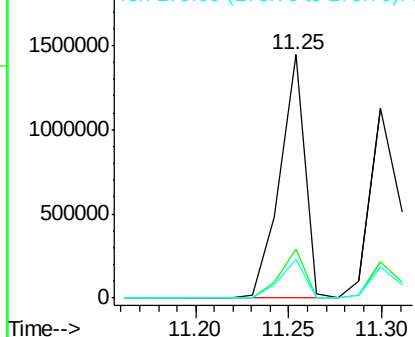


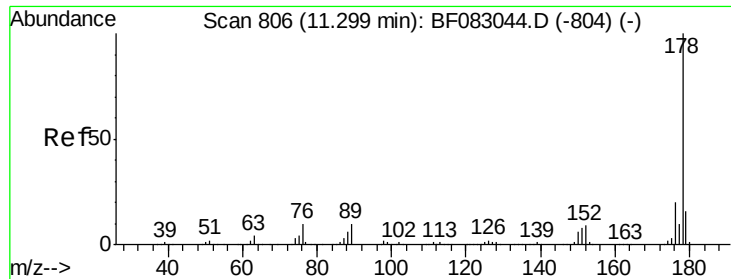
#70
 Phenanthrene
 Concen: 50.74 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:178 Resp: 1348746
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.6 23.4
 179 15.7 12.3 18.5



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

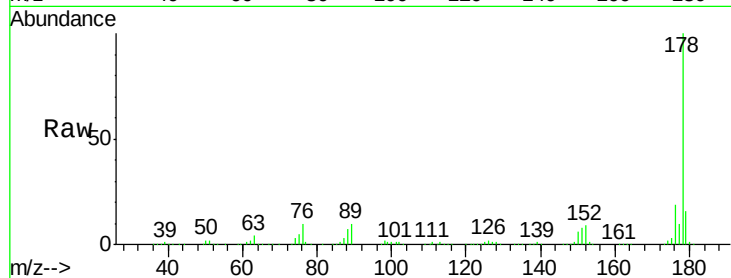




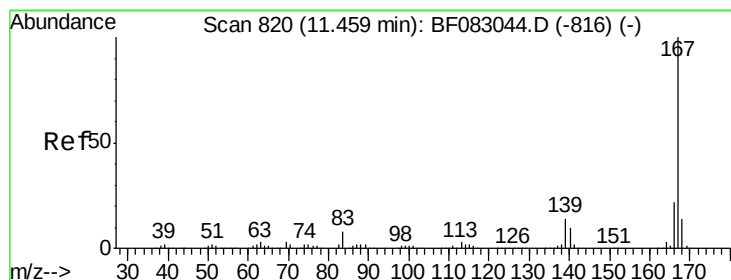
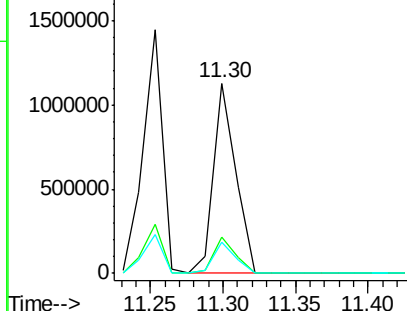
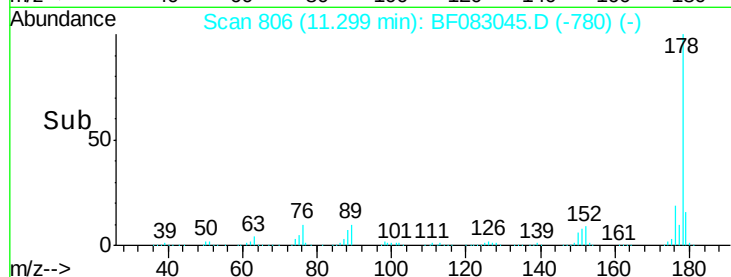
#71
 Anthracene
 Concen: 43.46 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 1201834
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 16.2 13.1 19.7

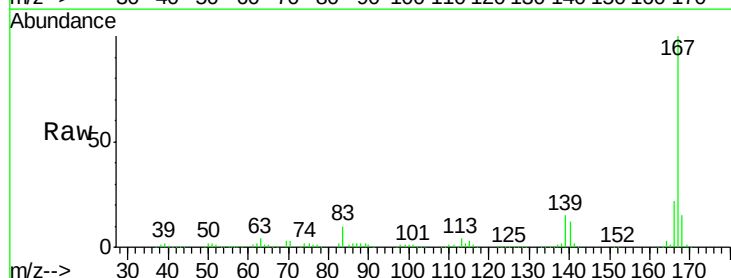


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

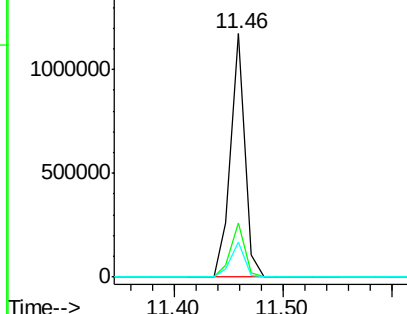
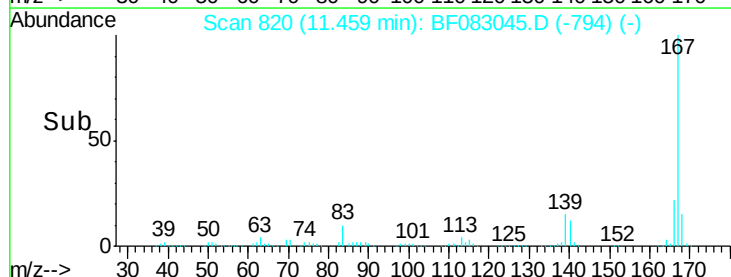


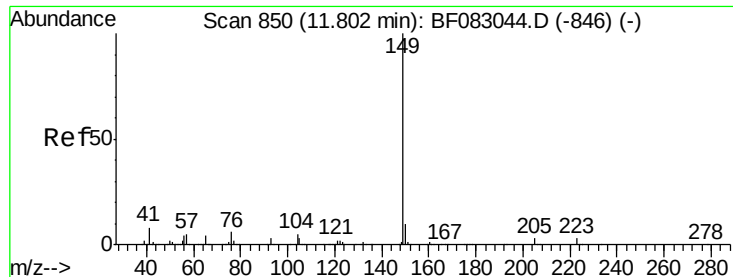
#72
 Carbazole
 Concen: 43.85 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion:167 Resp: 1063871
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.6 11.0 16.4



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

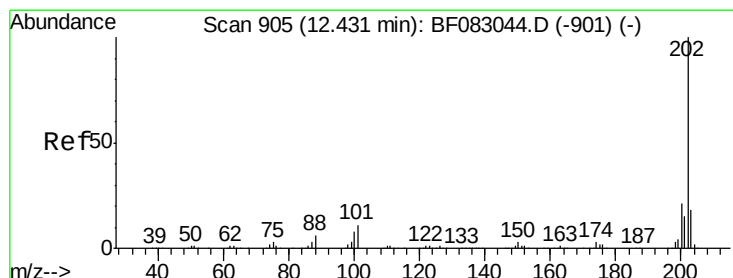
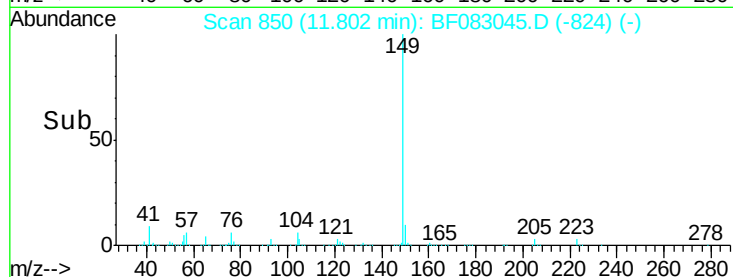
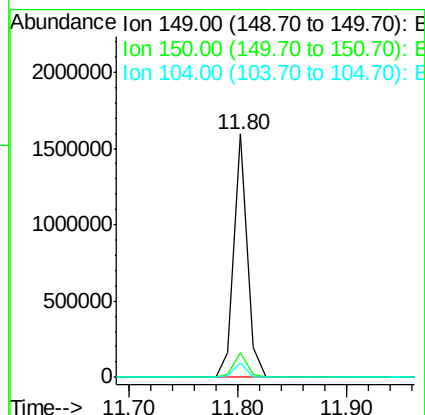
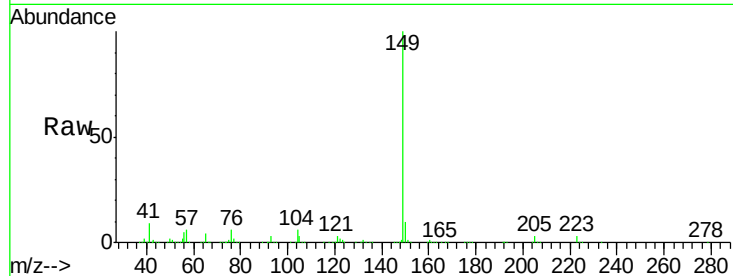




#73
Di-n-butylphthalate
Concen: 44.44 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

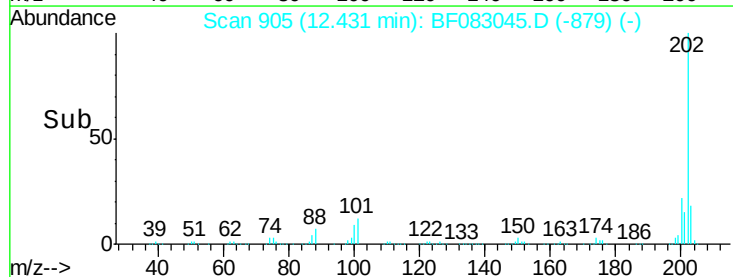
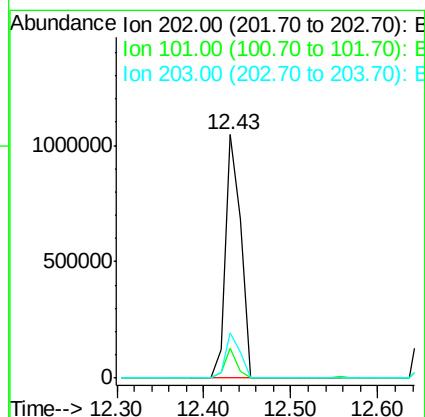
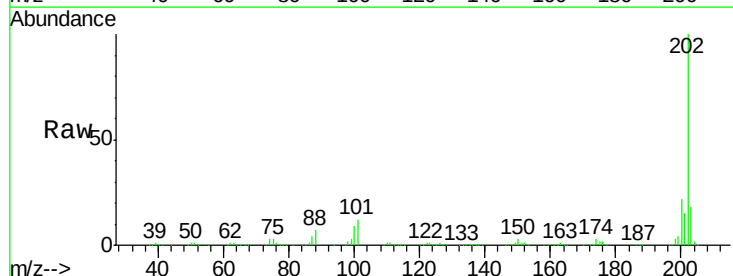
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

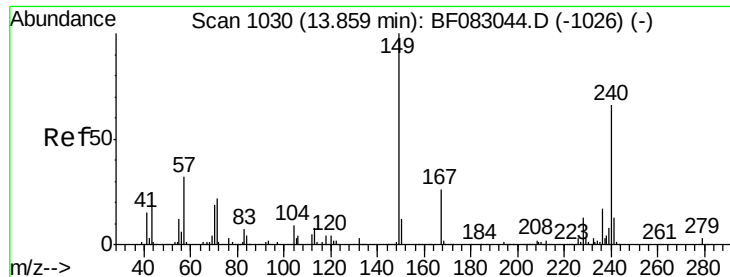
Tgt Ion:149 Resp: 1344216
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.8
104 5.9 4.3 6.5



#74
Fluoranthene
Concen: 45.91 ng
RT: 12.43 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion:202 Resp: 1279577
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.1
203 18.4 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

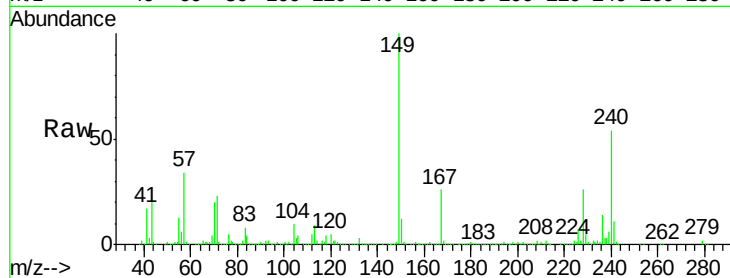
Tgt Ion:240 Resp: 402913

Ion Ratio Lower Upper

240 100

120 9.0 5.3 7.9#

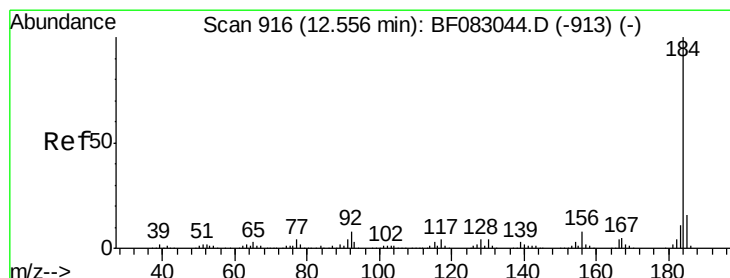
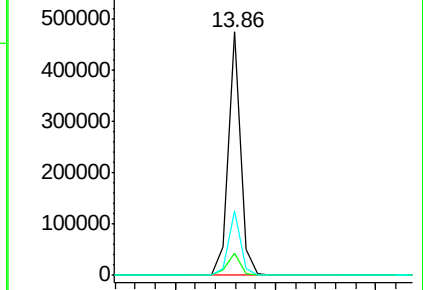
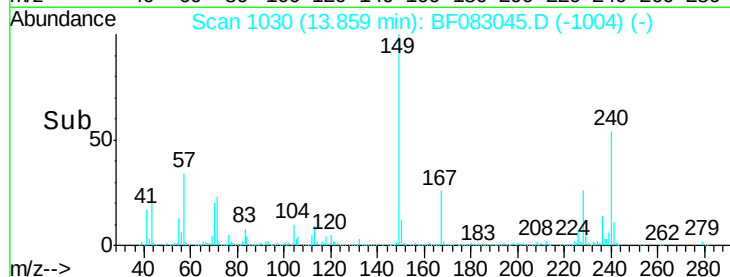
236 26.4 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.12 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

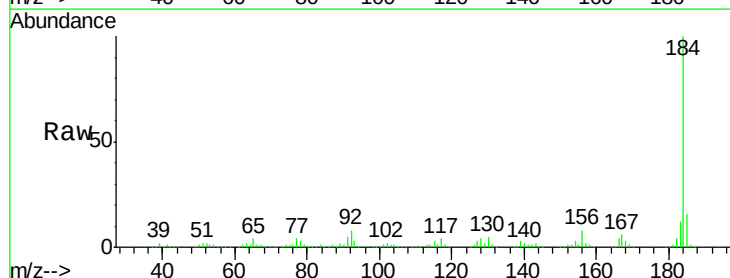
Tgt Ion:184 Resp: 603693

Ion Ratio Lower Upper

184 100

185 16.5 12.6 19.0

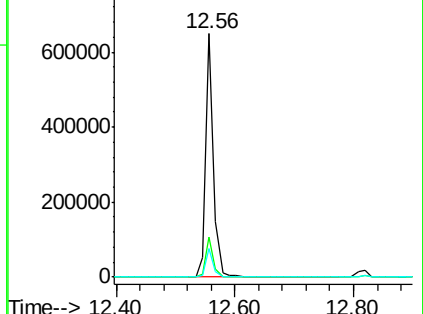
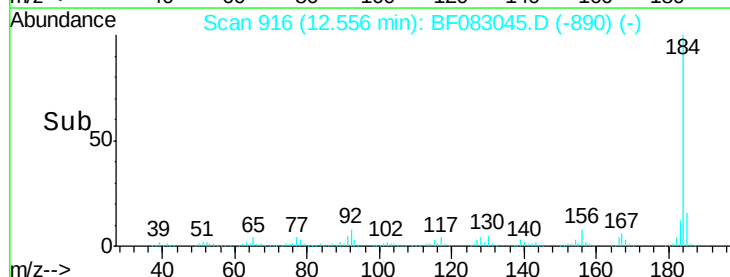
183 11.7 9.0 13.4

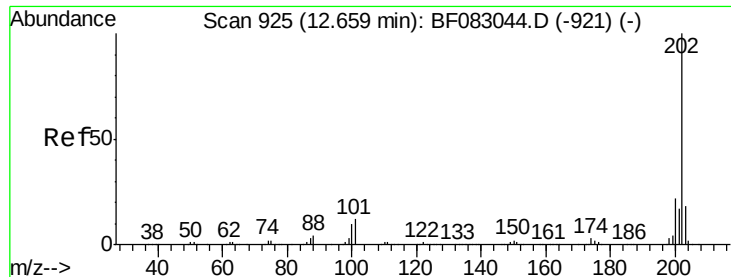


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



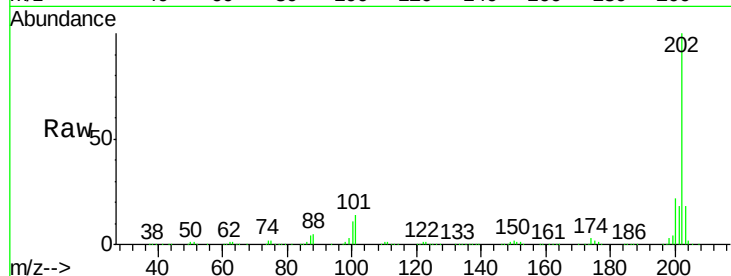


#77
Pyrene
 Concen: 45.69 ng
 RT: 12.66 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

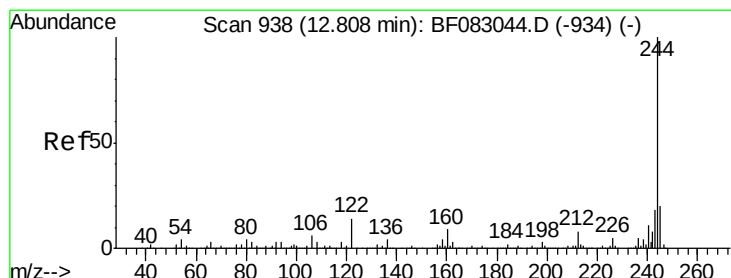
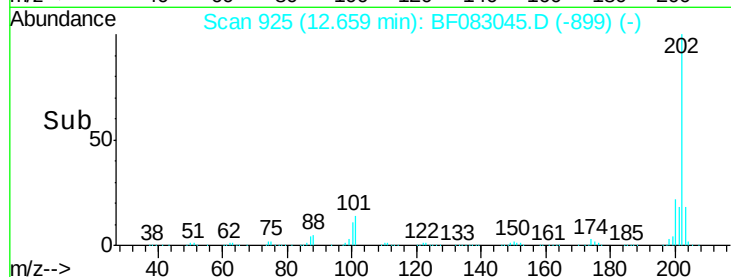
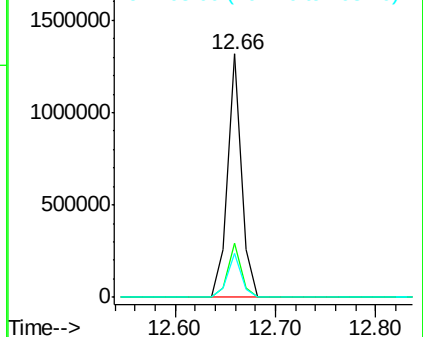
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 202 Resp: 1262661

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.6	22.0



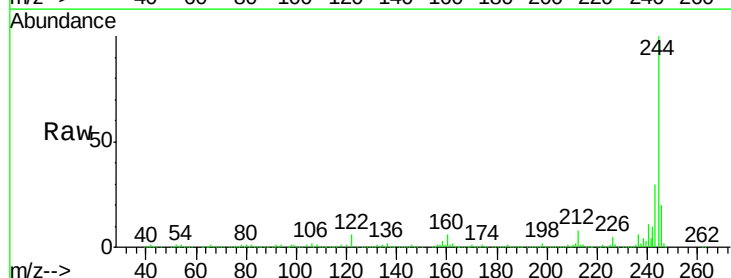
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



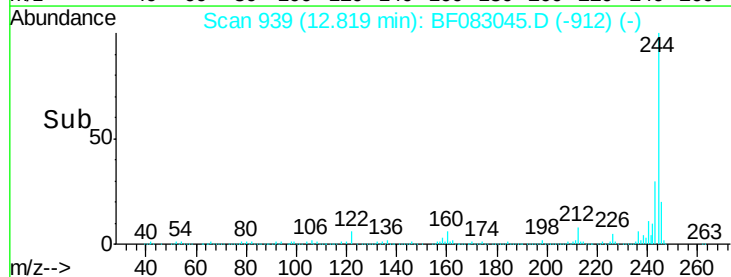
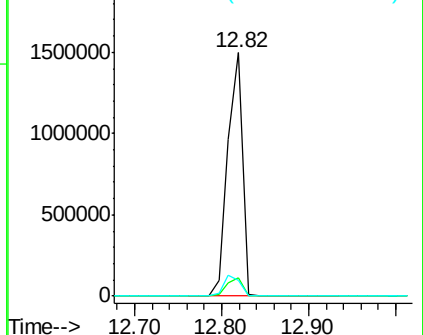
#78
Terphenyl-d14
 Concen: 104.88 ng
 RT: 12.82 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

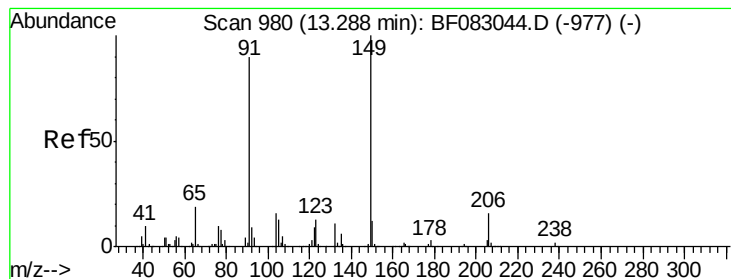
Tgt Ion: 244 Resp: 1764566

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	6.5	10.9	16.3



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.40 ng

RT: 13.30 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

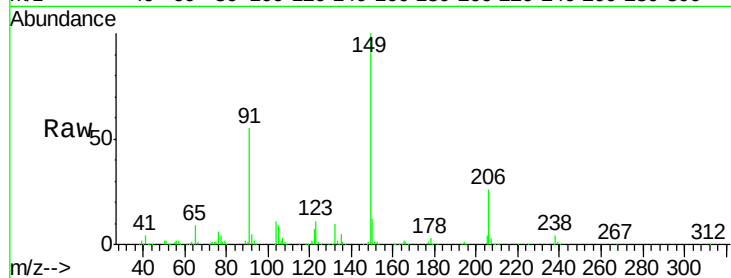
Tgt Ion:149 Resp: 607133

Ion Ratio Lower Upper

149 100

91 54.7 71.9 107.9#

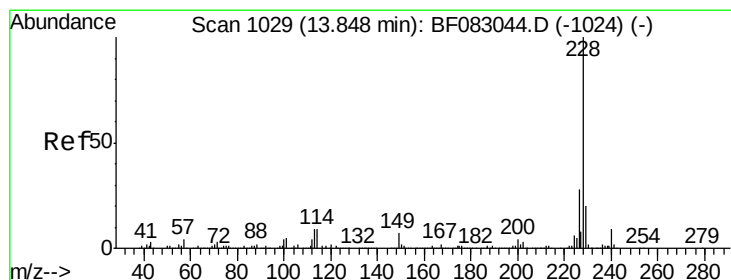
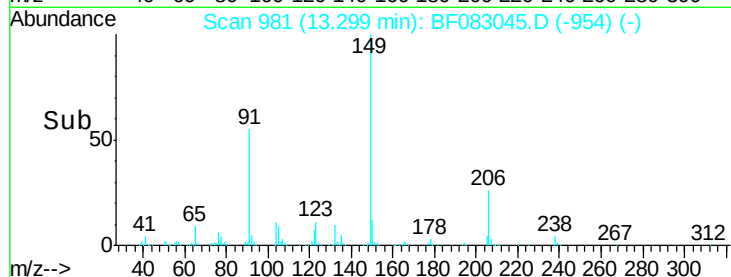
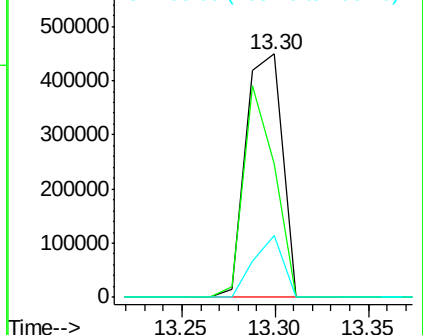
206 25.6 13.1 19.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.66 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

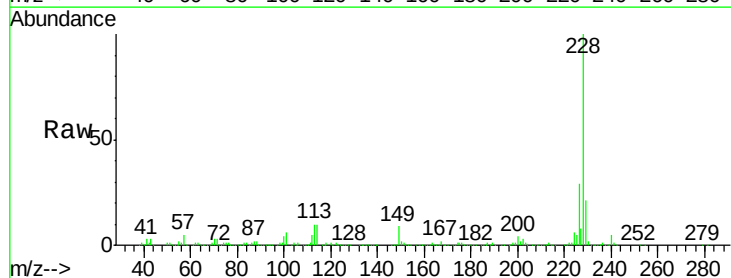
Tgt Ion:228 Resp: 1211582

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

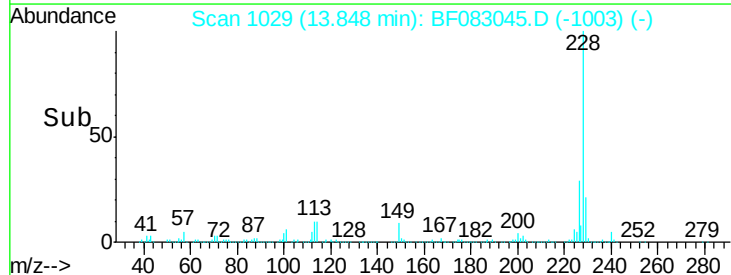
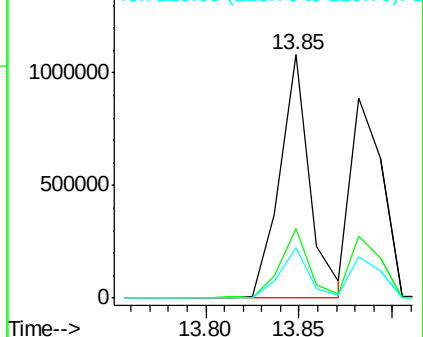
229 20.8 16.1 24.1

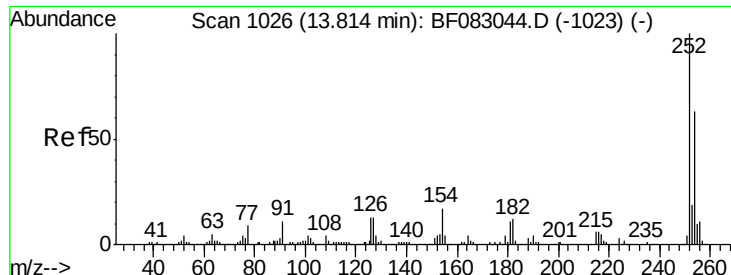


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

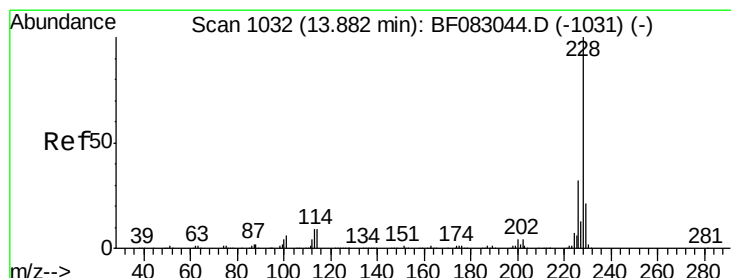
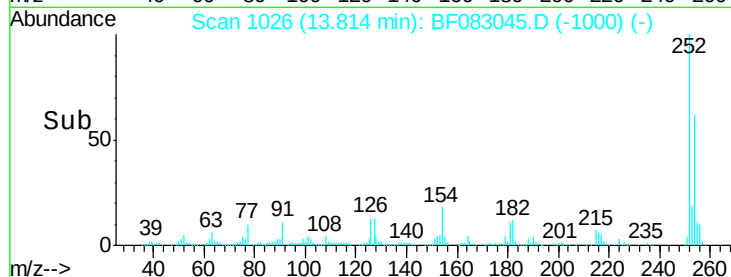
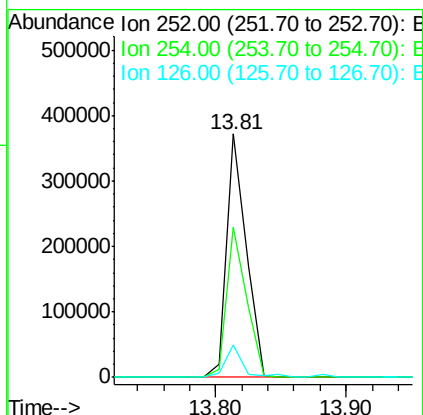
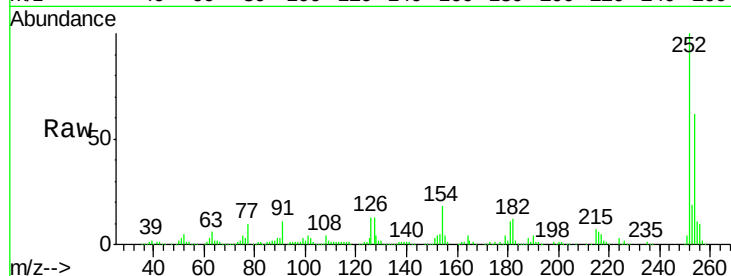




#81
 3,3'-Dichlorobenzidine
 Concen: 44.05 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

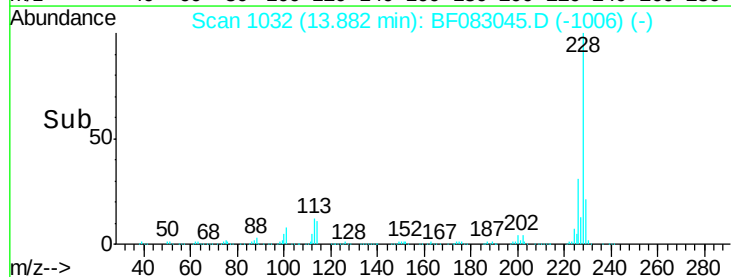
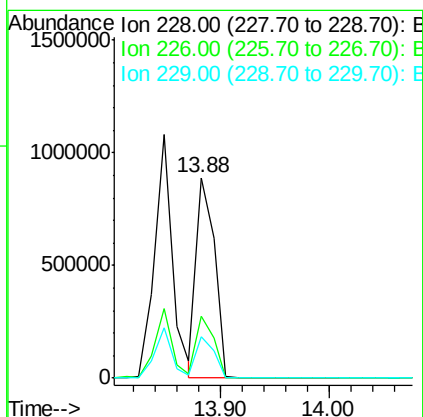
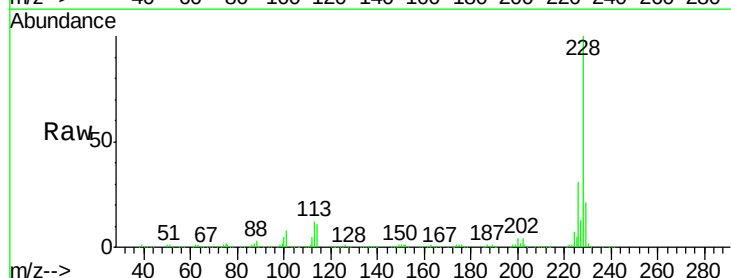
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

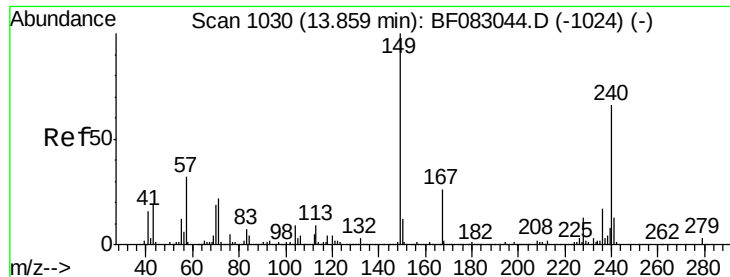
Tgt Ion: 252 Resp: 387475
 Ion Ratio Lower Upper
 252 100
 254 61.5 50.6 76.0
 126 13.1 10.2 15.4



#82
 Chrysene
 Concen: 46.18 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion: 228 Resp: 1049225
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.3 37.9
 229 20.7 16.4 24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.10 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

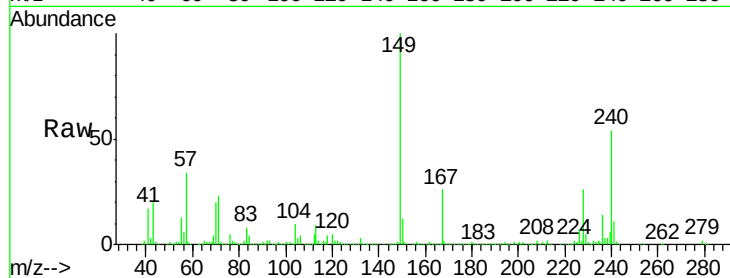
Tgt Ion:149 Resp: 785511

Ion Ratio Lower Upper

149 100

167 25.8 20.9 31.3

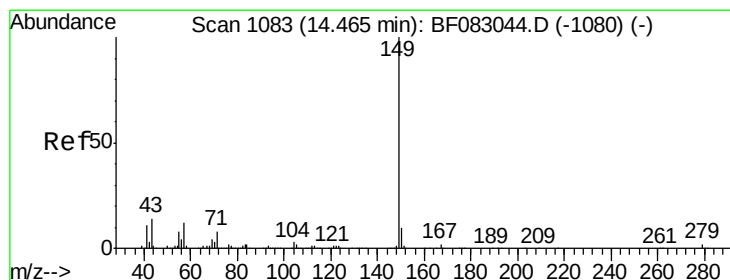
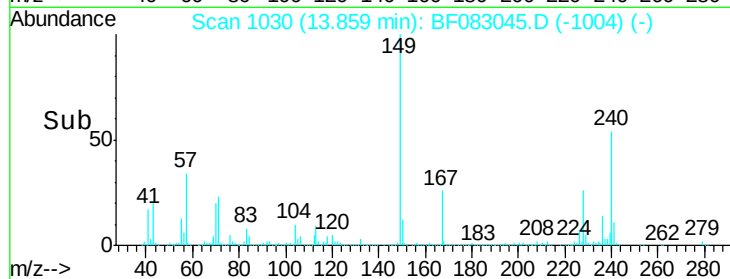
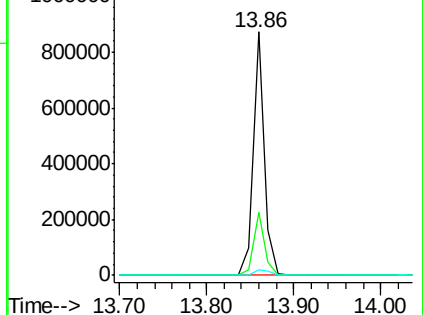
279 2.5 2.0 3.0



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: 45.88 ng

RT: 14.47 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

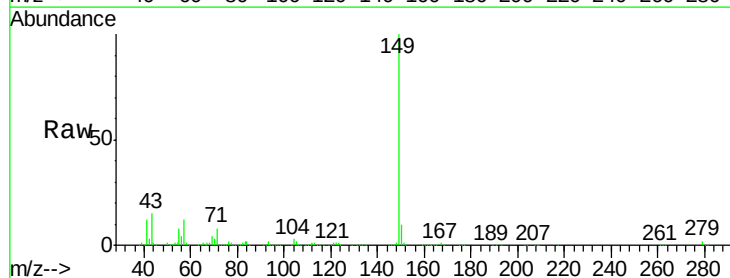
Tgt Ion:149 Resp: 1261769

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

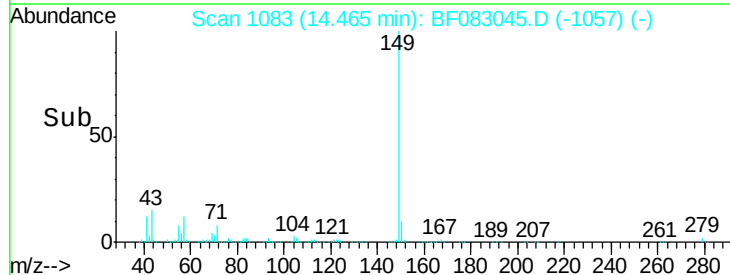
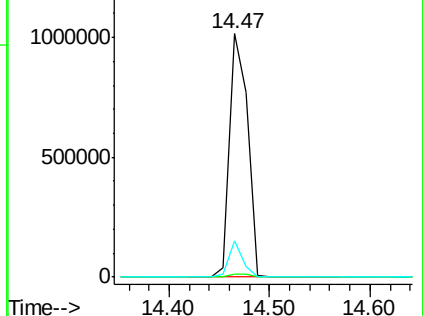
43 11.3 8.8 13.2

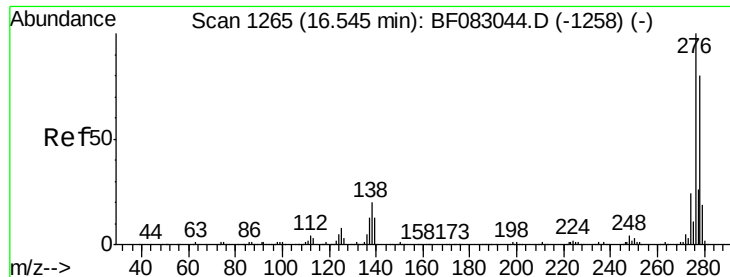


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

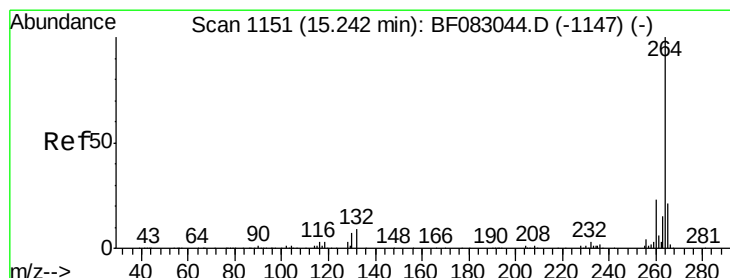
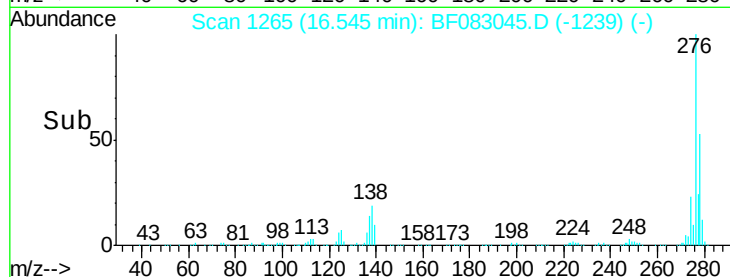
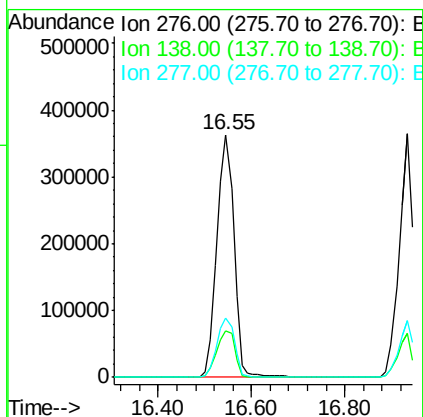
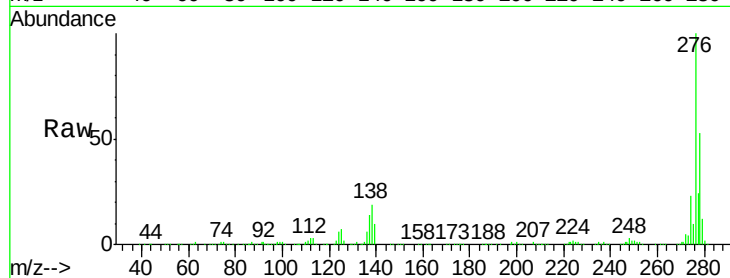




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.82 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

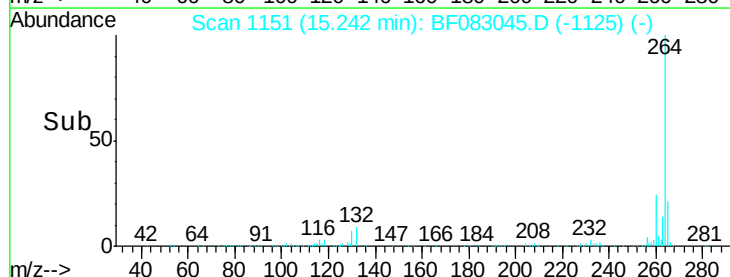
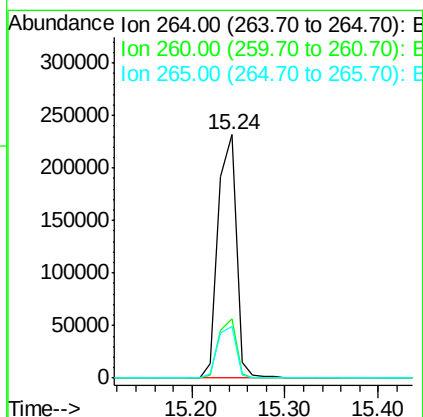
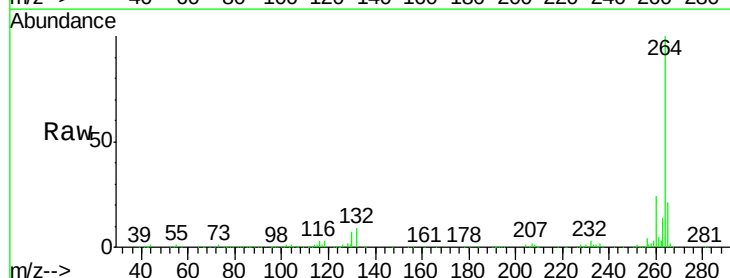
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

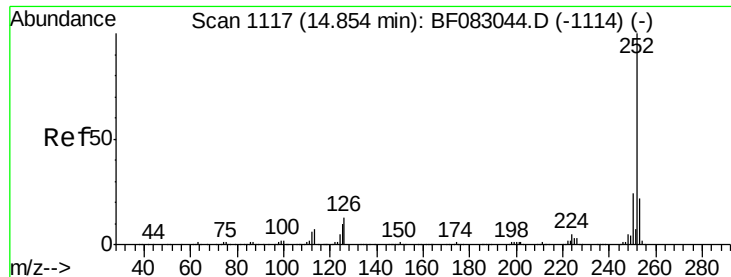
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.3	24.5
277	25.0	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF083045.D
 Acq: 19 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.1	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 58.85 ng m

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

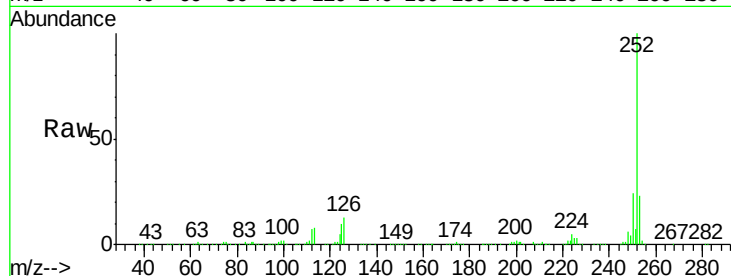
Tgt Ion:252 Resp: 1196824

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

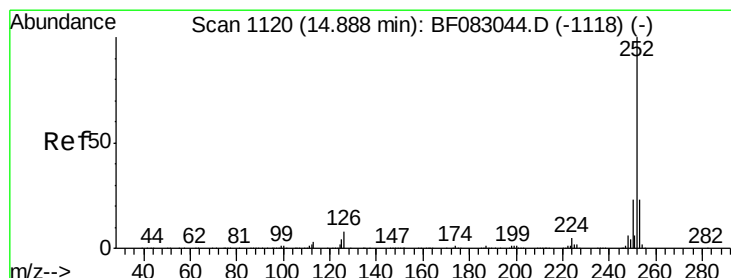
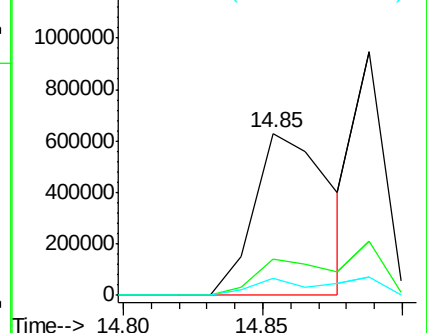
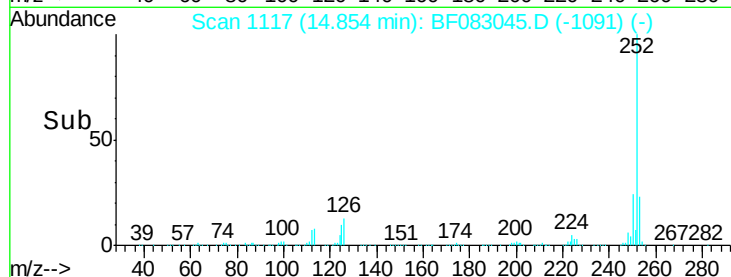
125 10.4 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.60 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

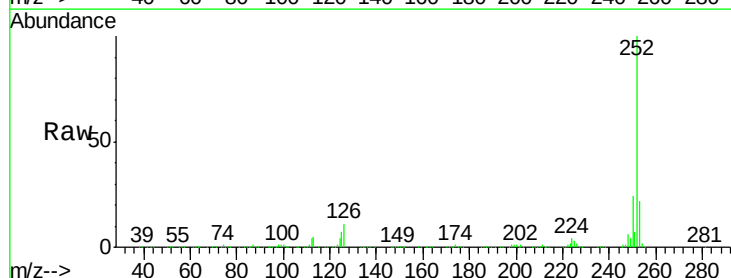
Tgt Ion:252 Resp: 697787

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

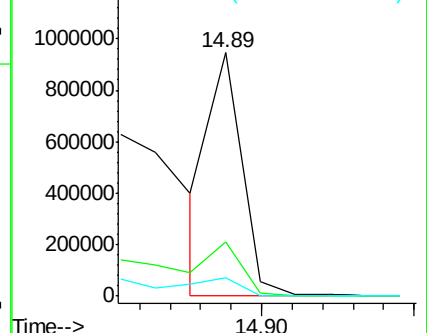
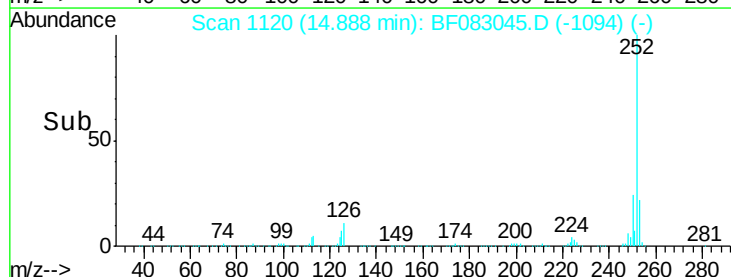
125 7.5 3.8 5.6#

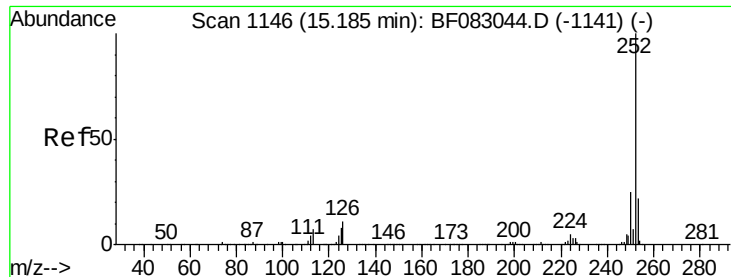


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

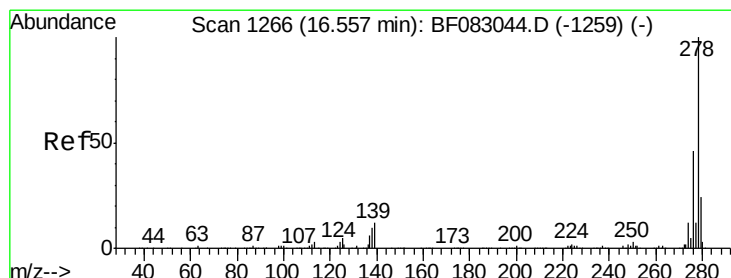
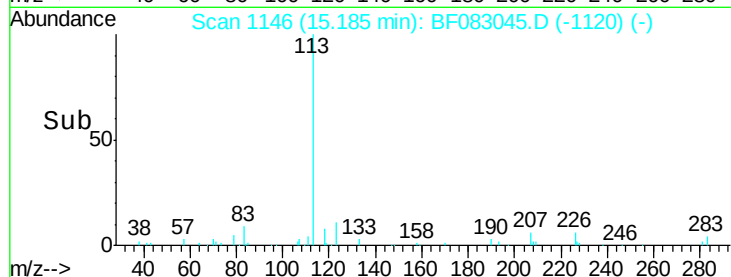
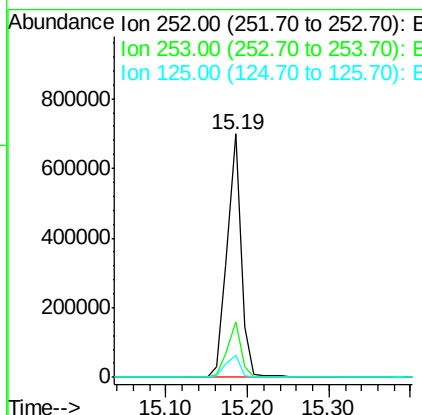
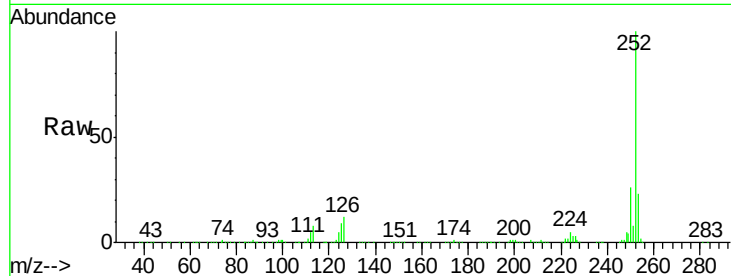




#89
Benzo(a)pyrene
Concen: 47.72 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

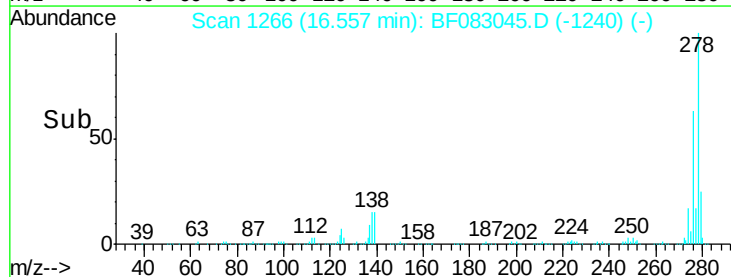
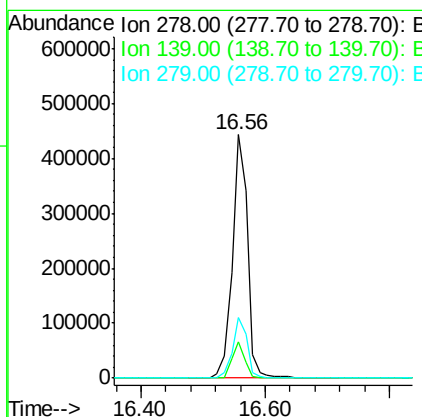
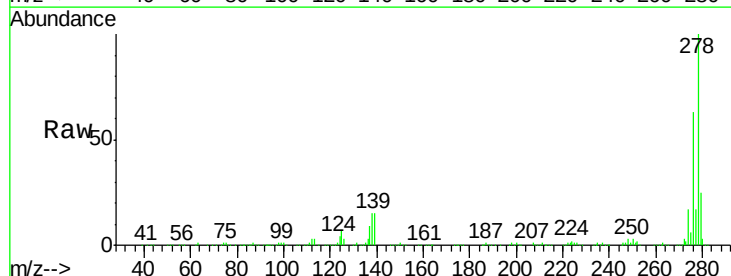
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

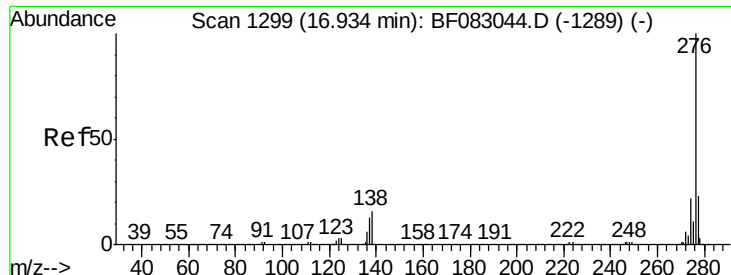
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.2	6.4	9.6



#90
Dibenzo(a,h)anthracene
Concen: 50.66 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF083045.D
Acq: 19 Nov 2015 19:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	9.8	14.8#
279	24.8	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 52.35 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF083045.D

Acq: 19 Nov 2015 19:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

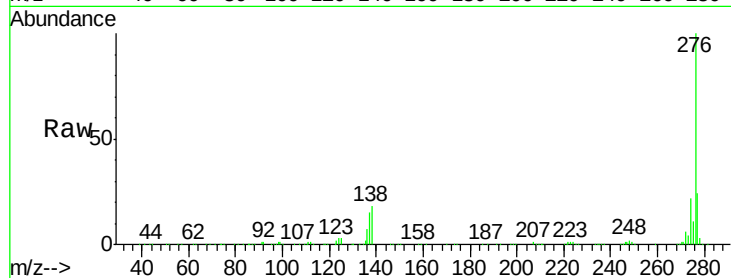
Tgt Ion: 276 Resp: 753723

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 18.1 12.5 18.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

