

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
 Data File : BF083081.D
 Acq On : 20 Nov 2015 14:55
 Operator : UM/IZ
 Sample : G4452-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 22:31:09 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 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155069	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	574819	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	262742	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	419579	20.00	ng	0.00
75) Chrysene-d12	13.86	240	363866	20.00	ng	0.00
86) Perylene-d12	15.24	264	318791	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1358338	136.05	ng	0.02
7) Phenol-d6	6.36	99	1636457	124.45	ng	0.01
23) Nitrobenzene-d5	7.28	82	1212377	96.56	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	214933	77.05	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1840433	94.34	ng	-0.01
78) Terphenyl-d14	12.81	244	1376405	89.30	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	171999	37.99	ng	99
3) Pyridine	2.91	79	497989	40.58	ng	98
4) n-Nitrosodimethylamine	2.85	42	263763	42.49	ng	98
6) Aniline	6.36	93	555772	30.90	ng	# 93
8) 2-Chlorophenol	6.49	128	444737	39.94	ng	89
9) Benzaldehyde	6.24	77	440705	85.08	ng	97
10) Phenol	6.37	94	577603	37.70	ng	81
11) bis(2-Chloroethyl)ether	6.44	93	472541	42.45	ng	98
12) 1,3-Dichlorobenzene	6.65	146	537921	43.15	ng	100
13) 1,4-Dichlorobenzene	6.72	146	496491	39.33	ng	99
14) 1,2-Dichlorobenzene	6.88	146	540555	46.33	ng	98
15) Benzyl Alcohol	6.85	79	513571	47.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	765842	44.13	ng	77
17) 2-Methylphenol	6.98	107	377646	40.61	ng	97
18) Hexachloroethane	7.22	117	154336	33.26	ng	# 90
19) n-Nitroso-di-n-propylamine	7.13	70	385804	40.15	ng	98
20) 3+4-Methylphenols	7.14	107	495905	40.91	ng	98
22) Acetophenone	7.12	105	699755	43.46	ng	98
24) Nitrobenzene	7.29	77	497883	39.31	ng	98
25) Isophorone	7.54	82	1046450	44.19	ng	97
26) 2-Nitrophenol	7.61	139	113534	20.50	ng	91
27) 2,4-Dimethylphenol	7.66	122	380805	41.60	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	662213	49.91	ng	98
29) 2,4-Dichlorophenol	7.86	162	362993	40.91	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	448129	45.60	ng	99
31) Naphthalene	8.02	128	1715526	57.28	ng	100
32) Benzoic acid	7.74	122	23515	4.22	ng	# 86
33) 4-Chloroaniline	8.06	127	391548	30.06	ng	99
34) Hexachlorobutadiene	8.14	225	279553	45.52	ng	99
35) Caprolactam	8.44	113	109904	38.96	ng	97
36) 4-Chloro-3-methylphenol	8.57	107	396804	38.69	ng	92
37) 2-Methylnaphthalene	8.72	142	1564503	78.46	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	417300	48.16	ng	99
40) Hexachlorocyclopentadiene	8.86	237	114223	28.29	ng	99

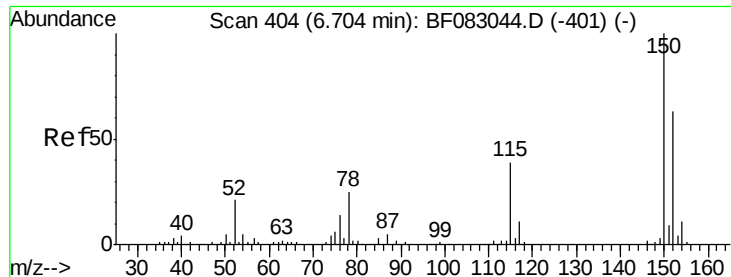
Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
 Data File : BF083081.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	220384	35.05	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	230549	36.78	nq	# 88
45) 1,1'-Biphenyl	9.17	154	1040336	45.01	nq	100
46) 2-Chloronaphthalene	9.20	162	867955	49.35	nq	99
47) 2-Nitroaniline	9.29	65	287204	43.29	nq	97
48) Acenaphthylene	9.61	152	1208742	41.75	nq	98
49) Dimethylphthalate	9.48	163	1367294	63.23	nq	99
50) 2,6-Dinitrotoluene	9.54	165	144308	30.96	nq	94
51) Acenaphthene	9.78	154	715239	39.09	nq	99
52) 3-Nitroaniline	9.71	138	246220	46.30	nq	# 65
53) 2,4-Dinitrophenol	9.81	184	16151	6.80	nq	# 84
54) Dibenzofuran	9.95	168	1063597	43.38	nq	99
55) 4-Nitrophenol	9.88	139	138545	37.96	nq	# 84
56) 2,4-Dinitrotoluene	9.94	165	183729	29.45	nq	# 86
57) Fluorene	10.29	166	869781	44.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	154581	30.51	nq	# 99
59) Diethylphthalate	10.18	149	915584	43.42	nq	100
60) 4-Chlorophenyl-phenylether	10.29	204	422414	45.72	nq	99
61) 4-Nitroaniline	10.32	138	235373	43.34	nq	98
62) Azobenzene	10.44	77	1017303	43.07	nq	83
64) 4,6-Dinitro-2-methylphenol	10.35	198	18882	7.06	nq	# 1
65) n-Nitrosodiphenylamine	10.41	169	733078	49.86	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	222030	45.69	nq	98
67) Hexachlorobenzene	10.84	284	243567	45.82	nq	99
68) Atrazine	10.94	200	226523	49.18	nq	96
69) Pentachlorophenol	11.04	266	110003	40.55	nq	98
70) Phenanthrene	11.25	178	1182954	46.73	nq	100
71) Anthracene	11.30	178	1091058	42.79	nq	100
72) Carbazole	11.46	167	1051938	47.19	nq	100
73) Di-n-butylphthalate	11.80	149	1327557	47.23	nq	100
74) Fluoranthene	12.43	202	1050444	39.82	nq	99
76) Benzidine	12.56	184	339060	28.48	nq	97
77) Pyrene	12.66	202	1149091	44.86	nq	100
79) Butylbenzylphthalate	13.29	149	496967	43.90	nq	99
80) Benzo(a)anthracene	13.85	228	1102054	47.66	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	255460	32.82	nq	97
82) Chrysene	13.88	228	826557	38.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	724071	48.92	nq	100
84) Di-n-octyl phthalate	14.48	149	1184577	49.13	nq	98
85) Indeno(1,2,3-cd)pyrene	16.55	276	773756	44.85	nq	100
87) Benzo(b)fluoranthene	14.89	252	1790734	80.33	nq	# 97
88) Benzo(k)fluoranthene	14.89	252	1790734	105.46	nq	# 99
89) Benzo(a)pyrene	15.19	252	792176	44.29	nq	98
90) Dibenzo(a,h)anthracene	16.56	278	659346	42.36	nq	98
91) Benzo(g,h,i)perylene	16.93	276	615753	40.55	nq	98

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

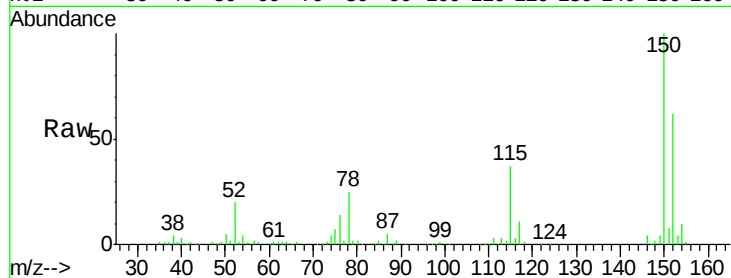


#1

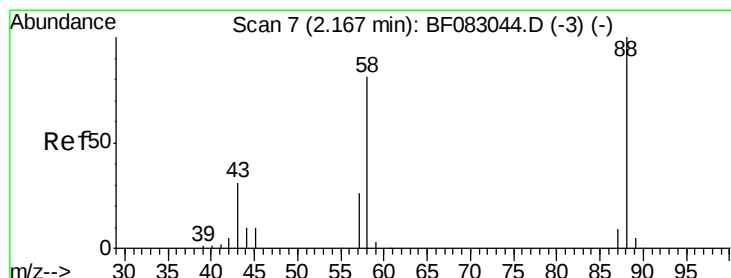
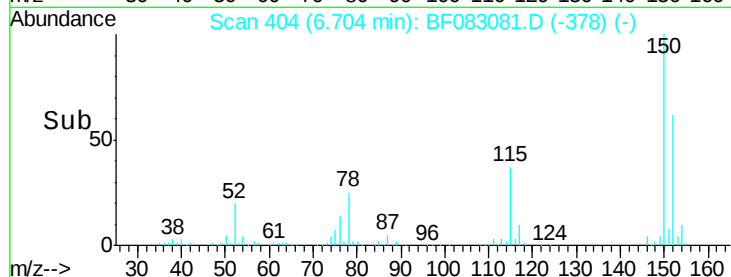
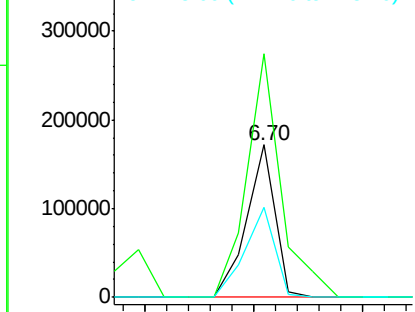
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.4	189.6
115	59.2	49.0	73.6



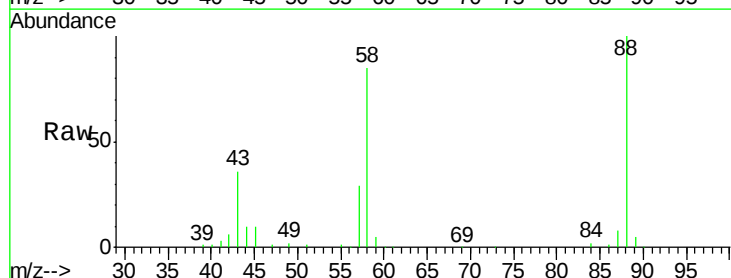
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



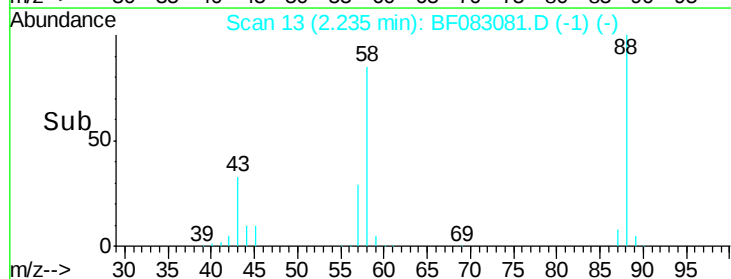
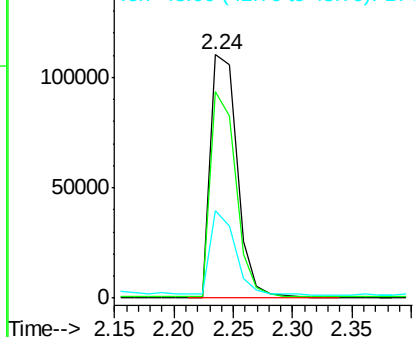
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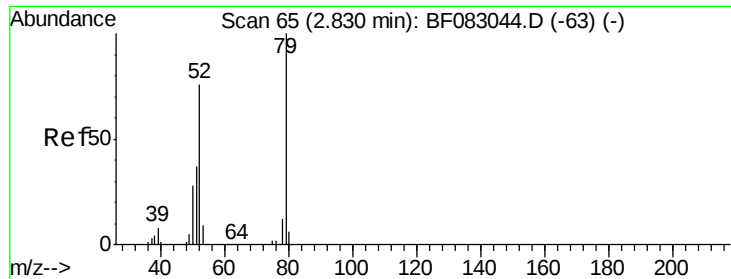
1,4-Dioxane
Concen: 37.99 ng
RT: 2.24 min Scan# 13
Delta R.T. 0.07 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	64.8	97.2
43	33.0	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

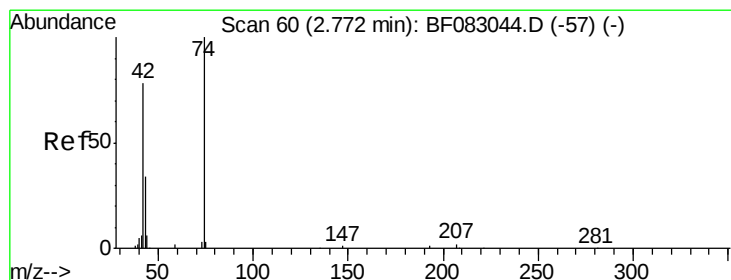
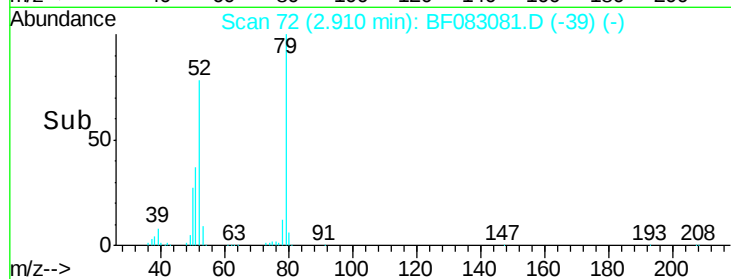
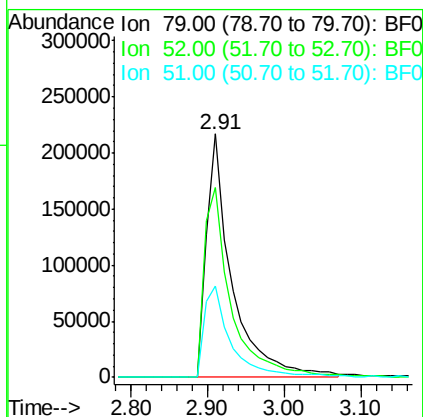
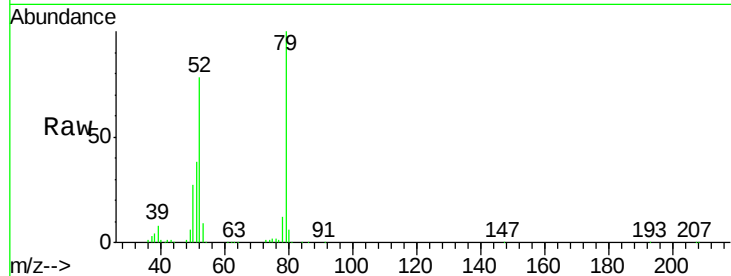




#3
 Pvridine
 Concen: 40.58 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.08 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

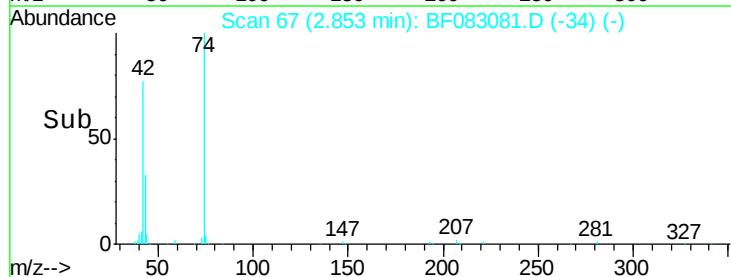
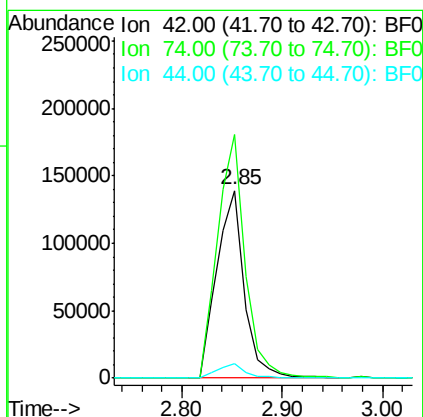
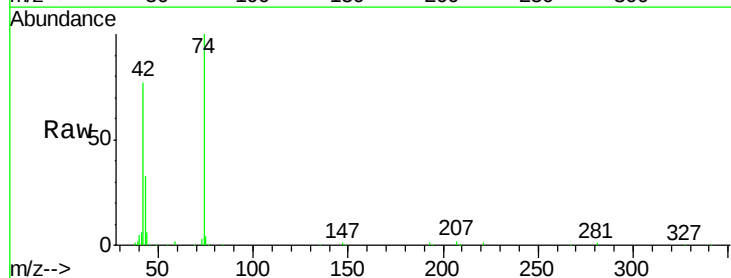
Instrument :
 BNA_F
 ClientSampled :

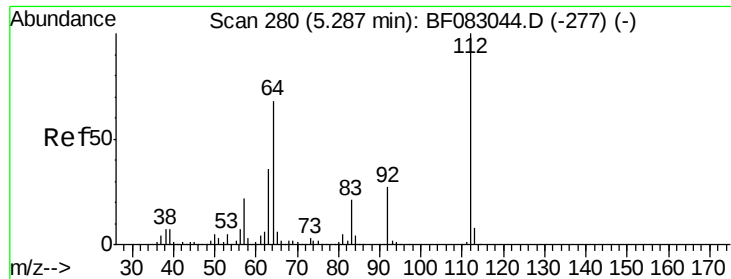
Tot Ion	Ratio	Lower	Upper
79	100		
52	78.2	61.0	91.4
51	37.6	30.0	45.0



#4
 n-Nitrosodimethylamine
 Concen: 42.49 ng
 RT: 2.85 min Scan# 67
 Delta R.T. 0.08 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.9	102.4	153.6
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 136.05 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

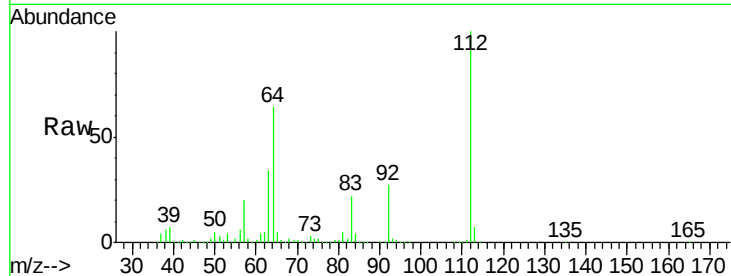
Tot Ion:112 Resp: 1358338

Ion Ratio Lower Upper

112 100

64 63.6 54.8 82.2

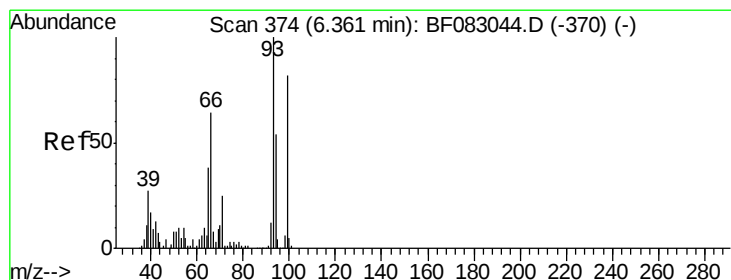
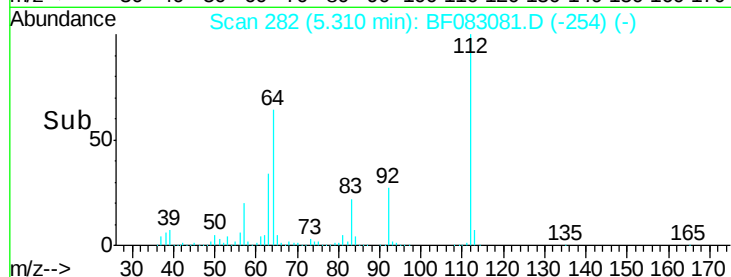
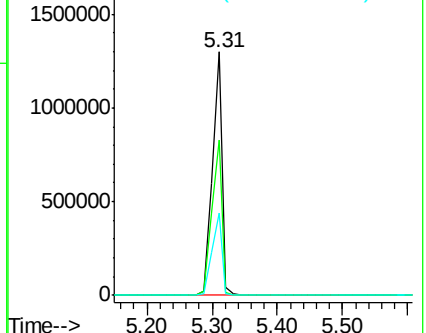
63 33.6 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.90 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

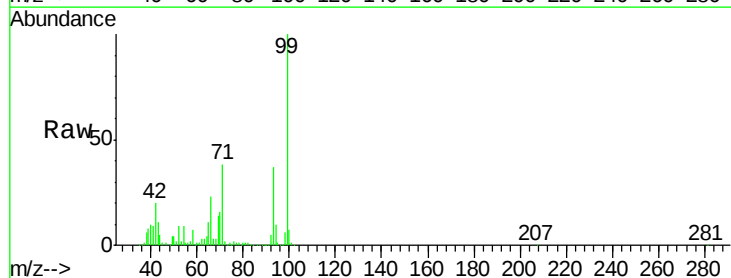
Tgt Ion: 93 Resp: 555772

Ion Ratio Lower Upper

93 100

66 62.4 51.4 77.2

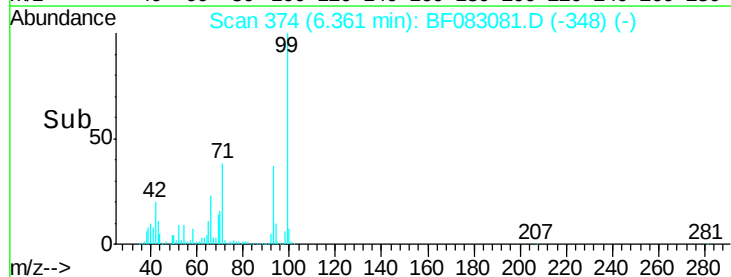
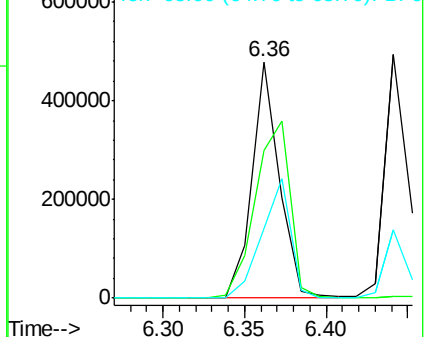
65 29.7 30.7 46.1#

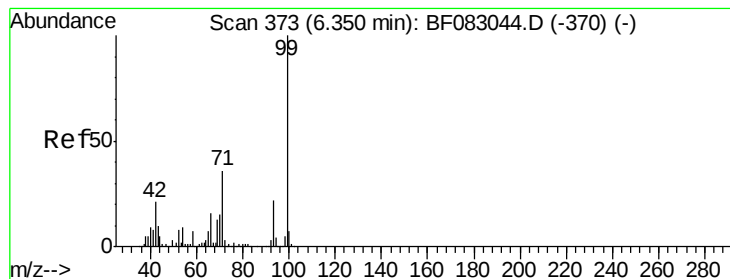


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.45 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

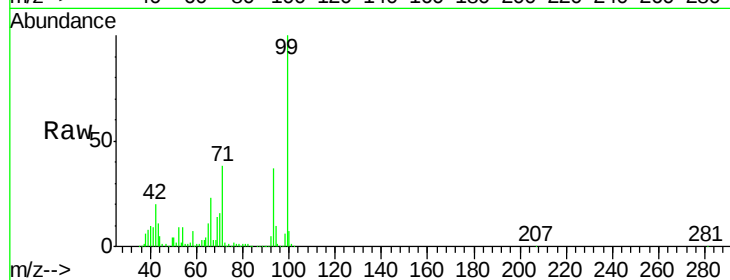
Tot Ion: 99 Resp: 1636457

Ion Ratio Lower Upper

99 100

42 20.4 16.6 25.0

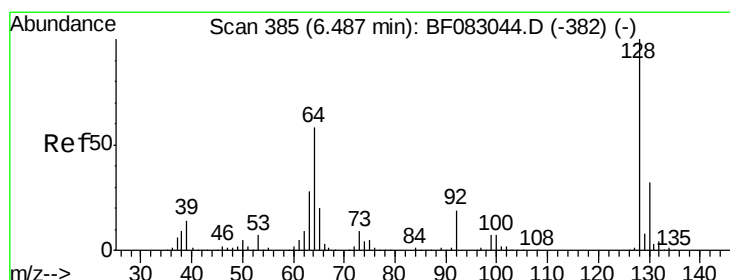
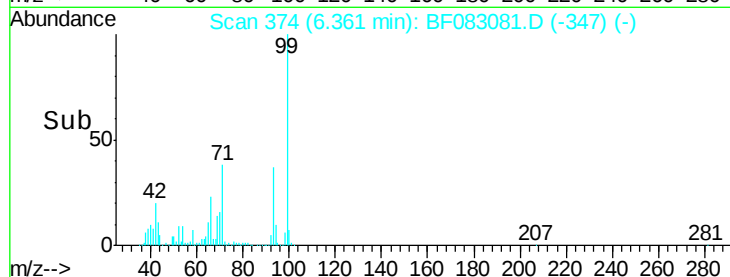
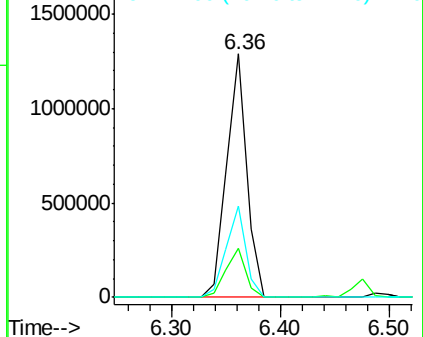
71 37.7 29.2 43.8



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: 39.94 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

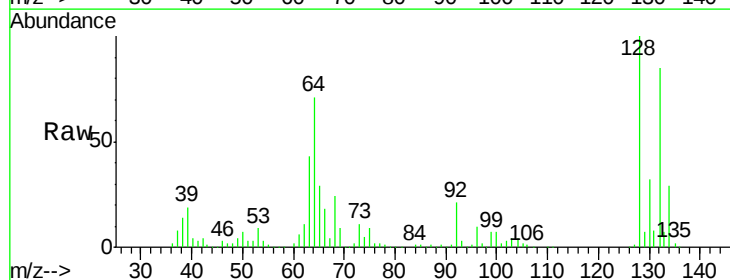
Tgt Ion:128 Resp: 444737

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

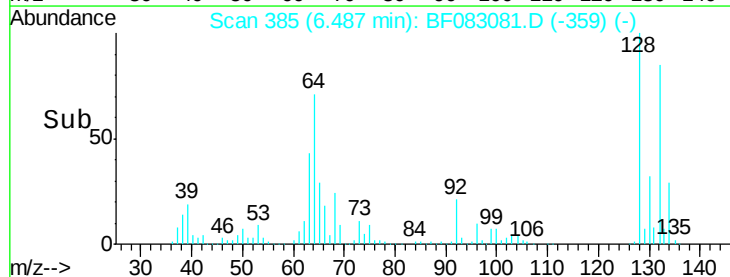
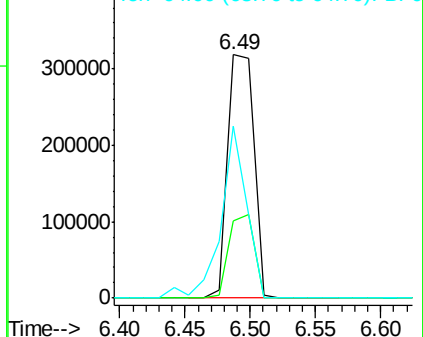
64 70.7 38.3 78.3

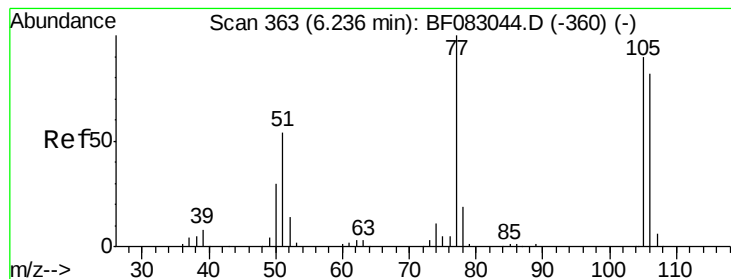


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 85.08 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampled :

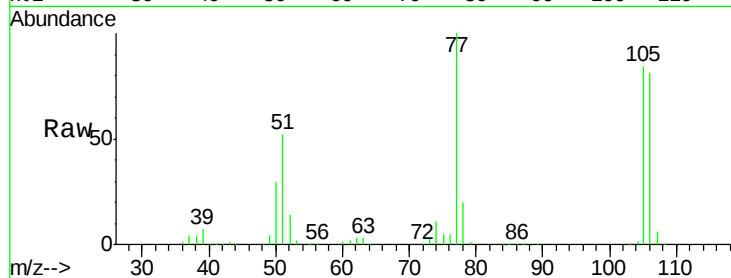
Tot Ion: 77 Resp: 440705

Ion Ratio Lower Upper

77 100

105 84.1 69.6 109.6

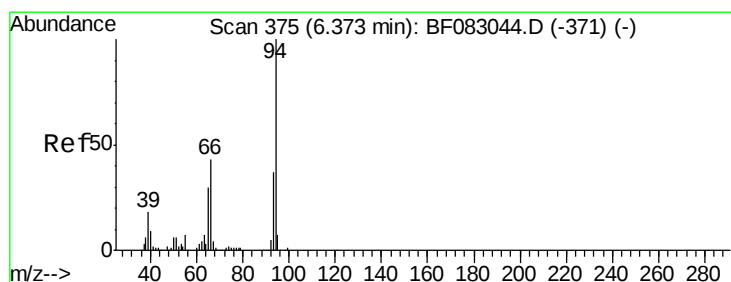
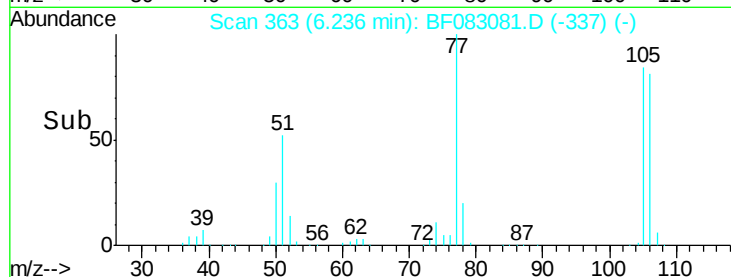
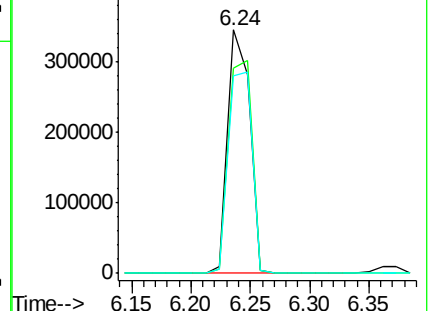
106 81.3 62.0 102.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.70 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

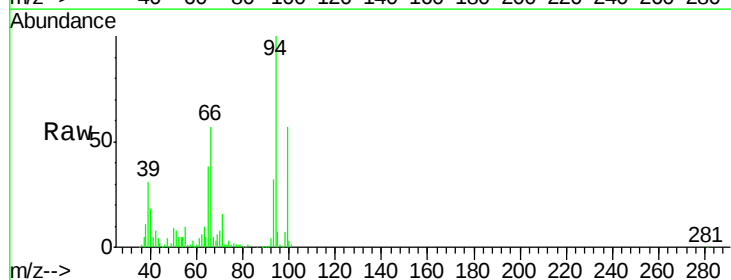
Tgt Ion: 94 Resp: 577603

Ion Ratio Lower Upper

94 100

65 38.4 10.1 50.1

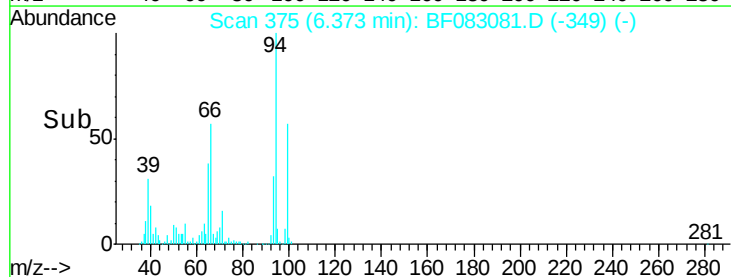
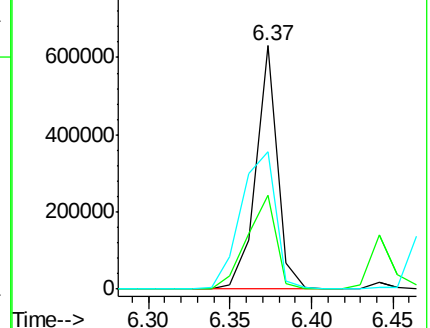
66 56.7 23.2 63.2

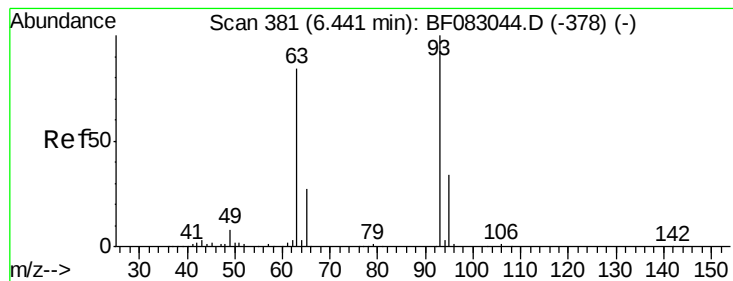


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.45 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

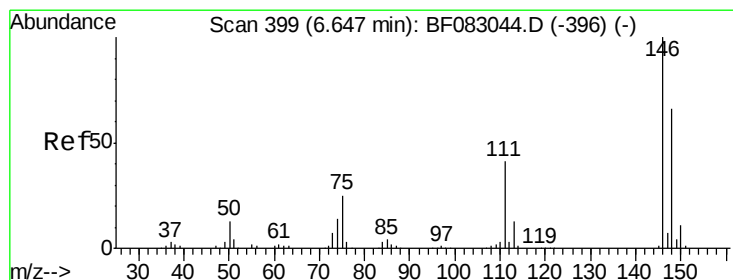
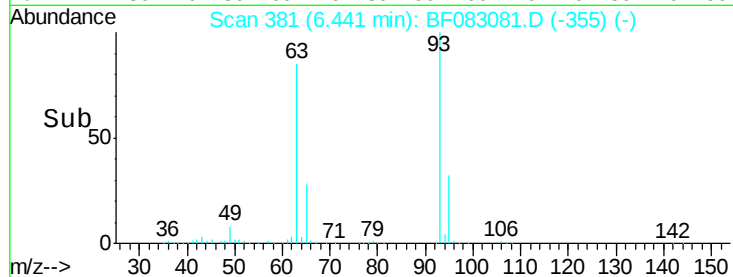
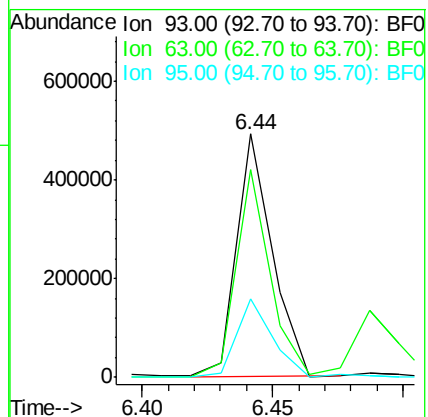
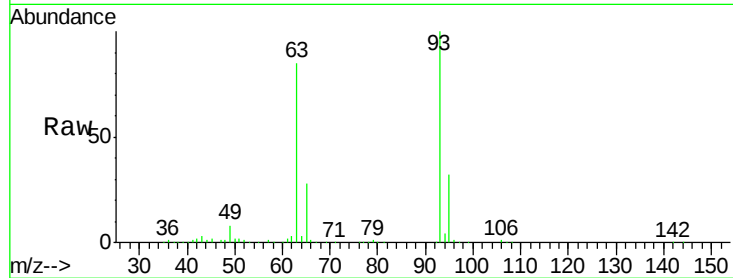
Tot Ion: 93 Resp: 472541

Ion Ratio Lower Upper

93 100

63 85.1 63.6 103.6

95 32.2 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 43.15 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

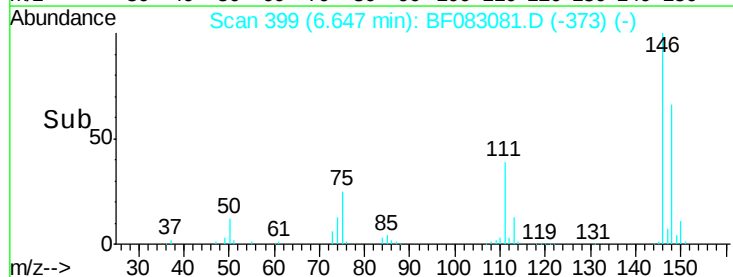
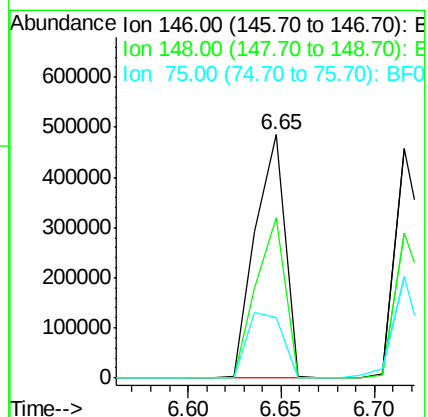
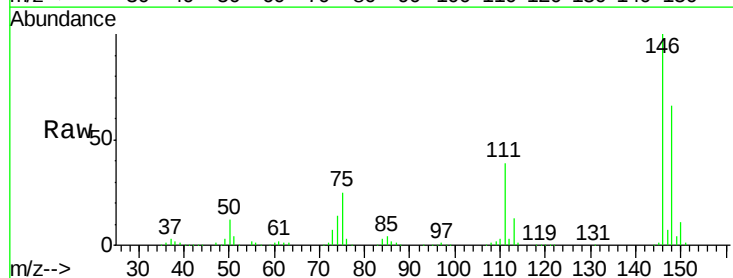
Tgt Ion: 146 Resp: 537921

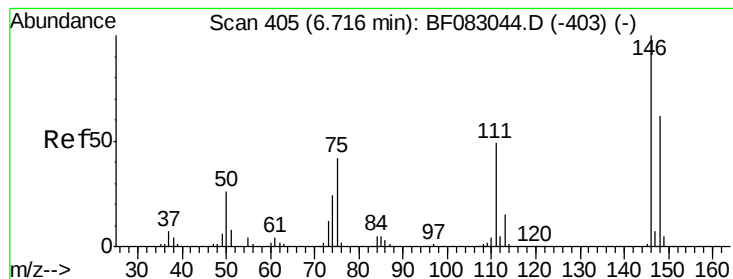
Ion Ratio Lower Upper

146 100

148 66.1 52.8 79.2

75 25.0 20.3 30.5





#13

1,4-Dichlorobenzene

Concen: 39.33 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

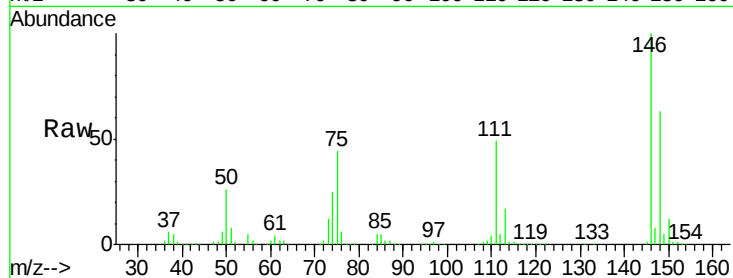
Tot Ion:146 Resp: 496491

Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

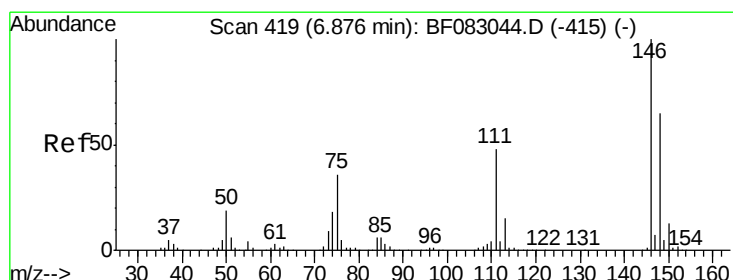
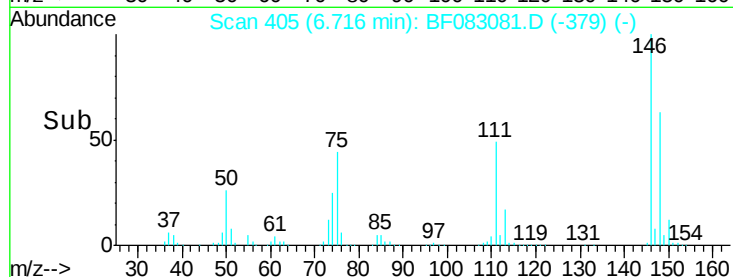
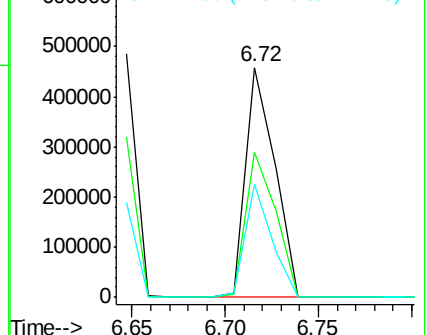
111 49.4 39.0 58.6



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: 46.33 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

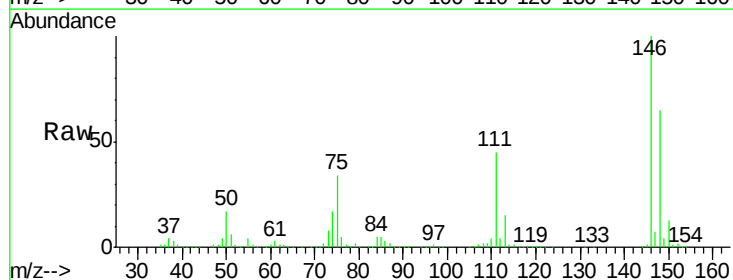
Tgt Ion:146 Resp: 540555

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

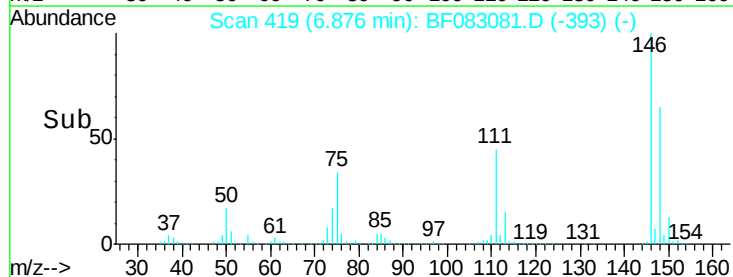
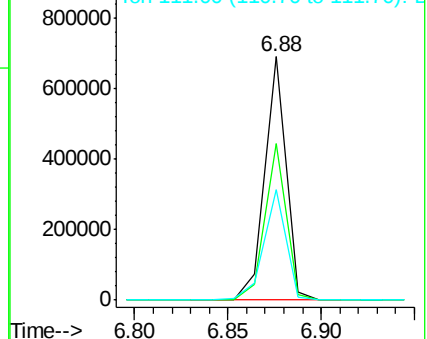
111 45.4 38.2 57.2

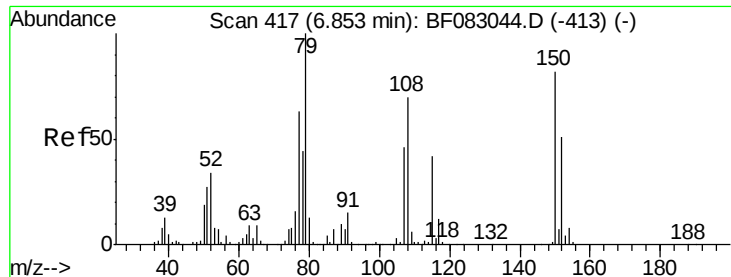


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.47 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

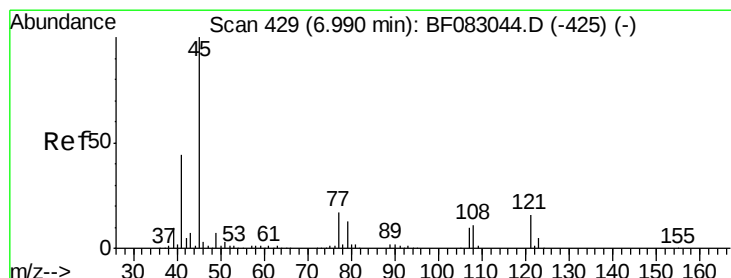
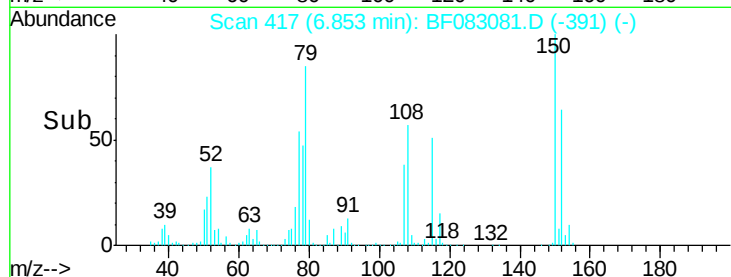
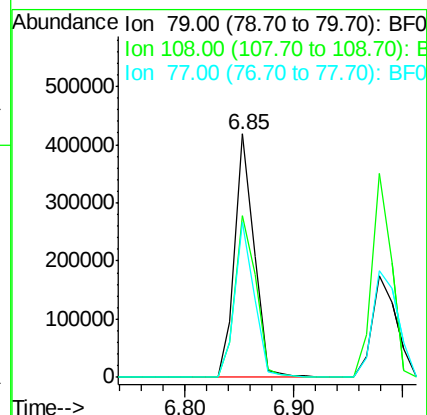
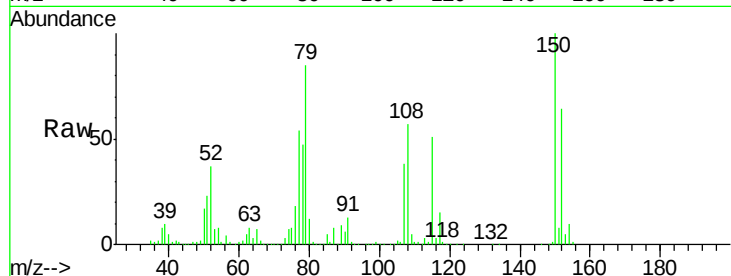
Tot Ion: 79 Resp: 513571

Ion Ratio Lower Upper

79 100

108 66.6 55.7 83.5

77 63.9 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.13 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

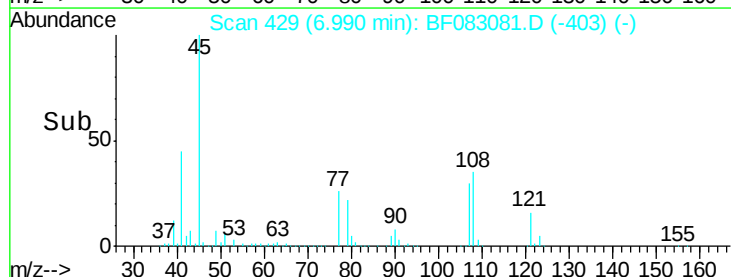
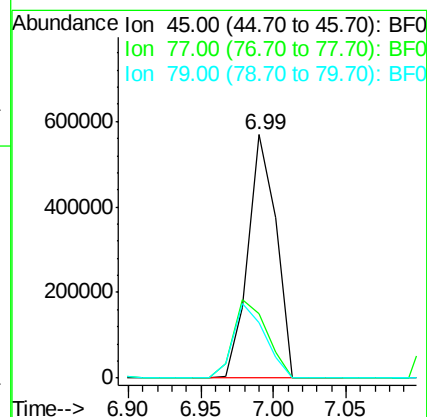
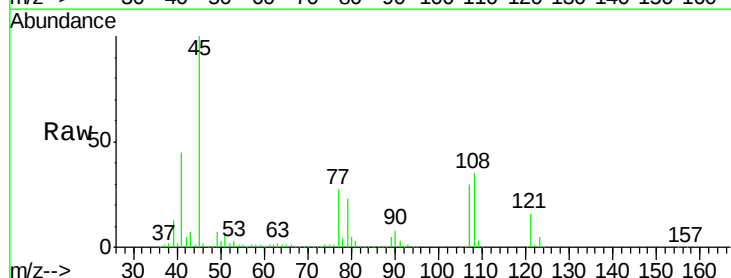
Tgt Ion: 45 Resp: 765842

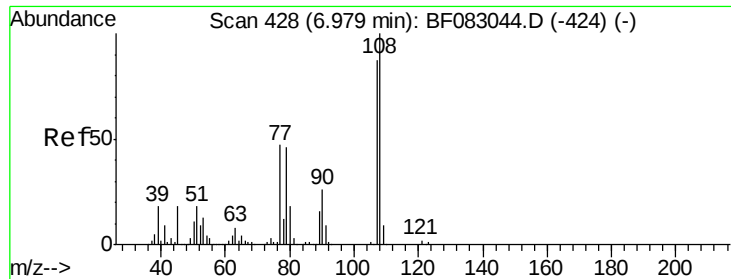
Ion Ratio Lower Upper

45 100

77 26.6 0.0 36.7

79 22.5 0.0 33.0





#17

2-Methylphenol

Concen: 40.61 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 377646

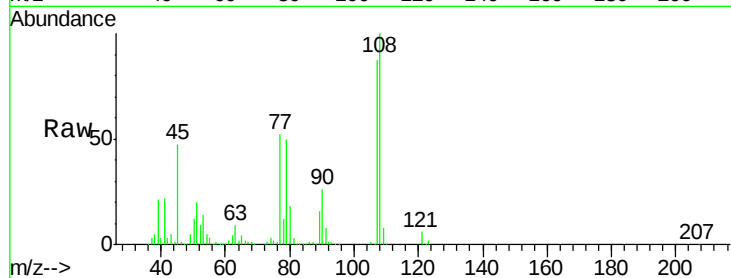
Ion Ratio Lower Upper

107 100

108 114.7 92.3 138.5

77 60.1 43.9 65.9

79 57.1 42.6 64.0

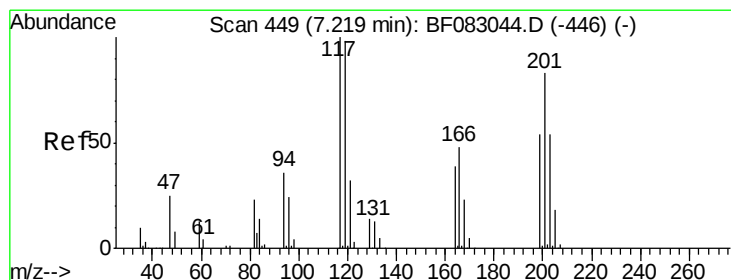
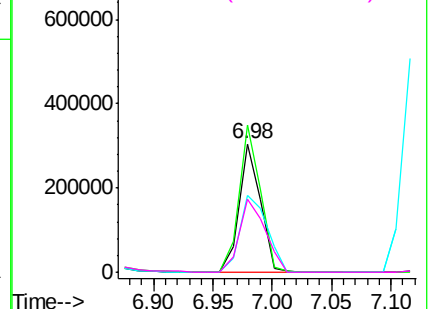
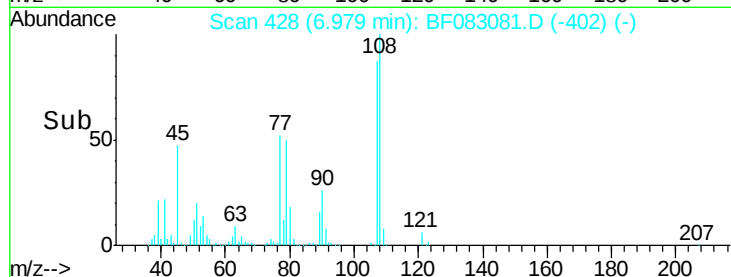


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.26 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

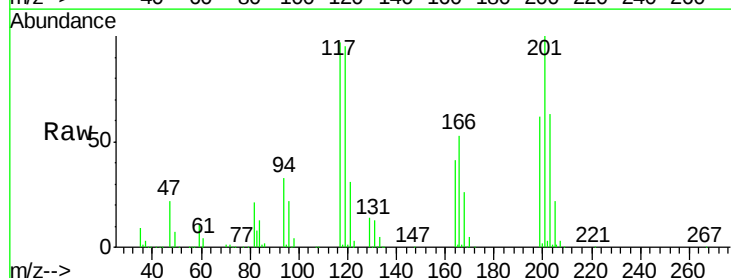
Tgt Ion:117 Resp: 154336

Ion Ratio Lower Upper

117 100

119 97.9 78.3 117.5

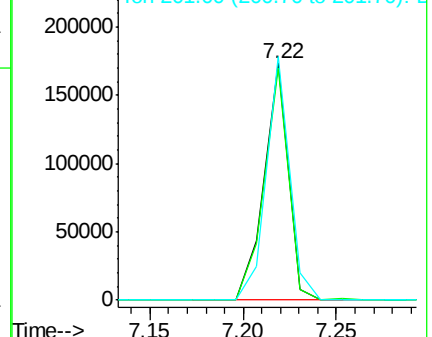
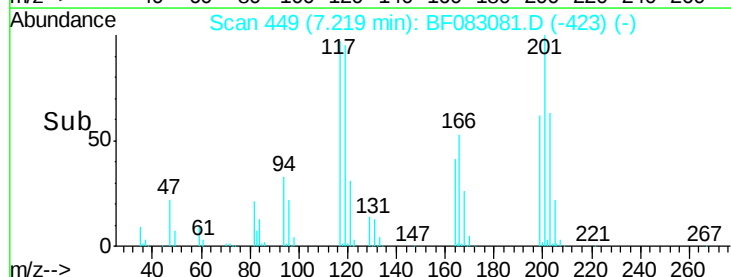
201 102.7 66.5 99.7#

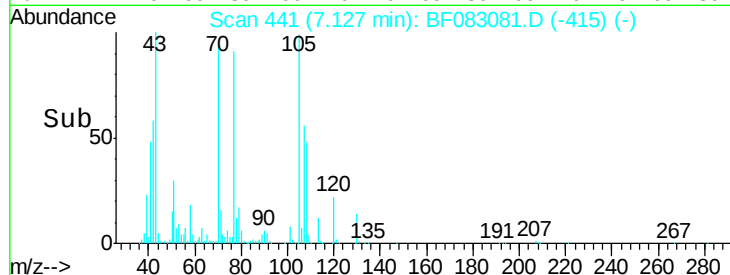
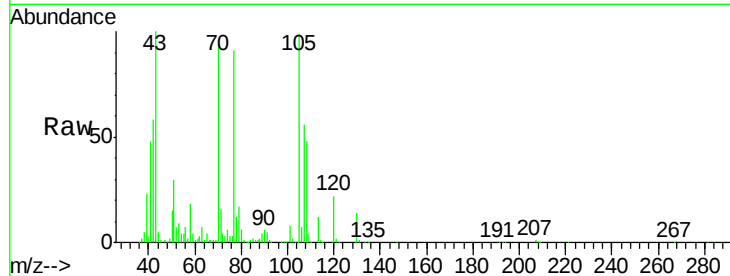
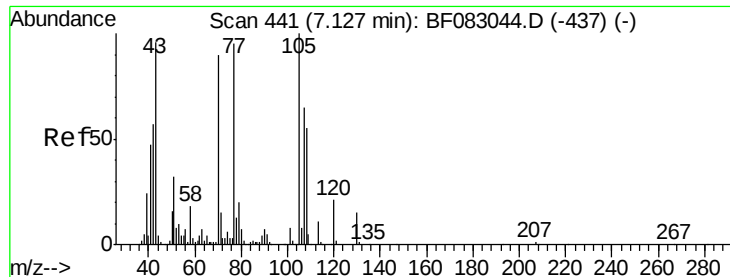


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

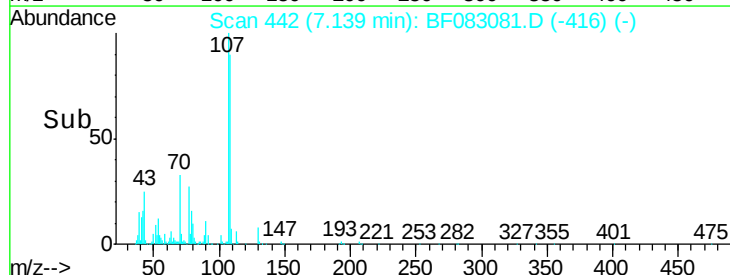
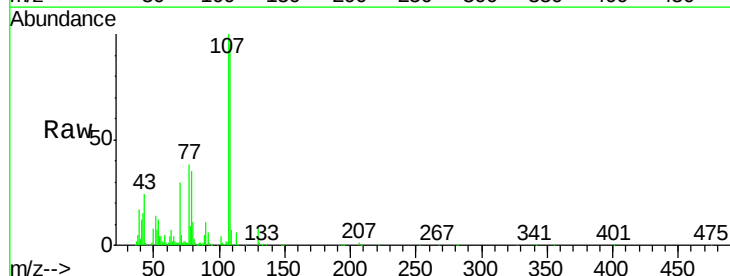
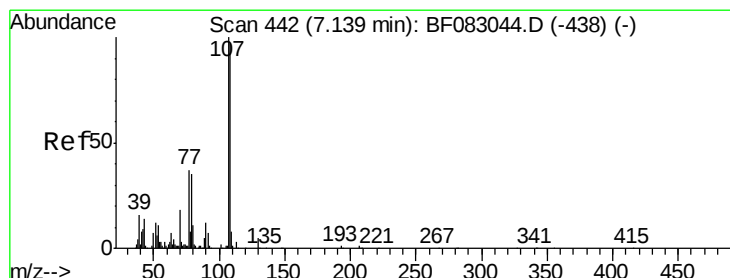
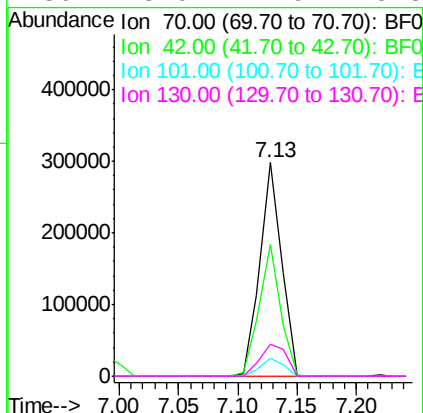




#19
n-Nitroso-di-n-propylamine
Concen: 40.15 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

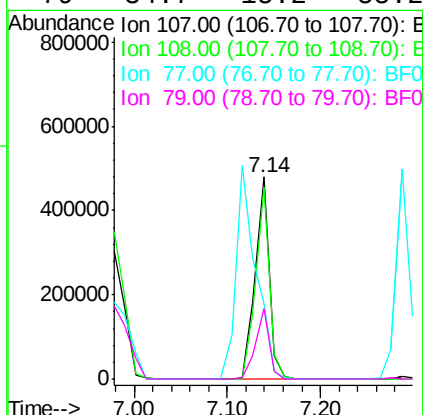
Instrument :
BNA_F
ClientSampleId :

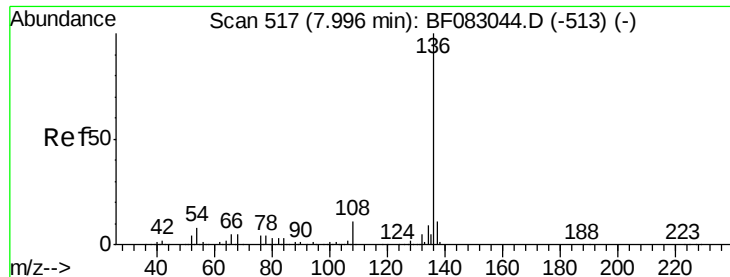
Tot Ion:	70	Resp:	385804
Ion	Ratio	Lower	Upper
70	100		
42	61.6	50.2	75.2
101	8.3	6.8	10.2
130	15.0	12.9	19.3



#20
3+4-Methylphenols
Concen: 40.91 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:	107	Resp:	495905
Ion	Ratio	Lower	Upper
107	100		
108	95.1	77.4	117.4
77	37.6	16.7	56.7
79	34.7	15.2	55.2

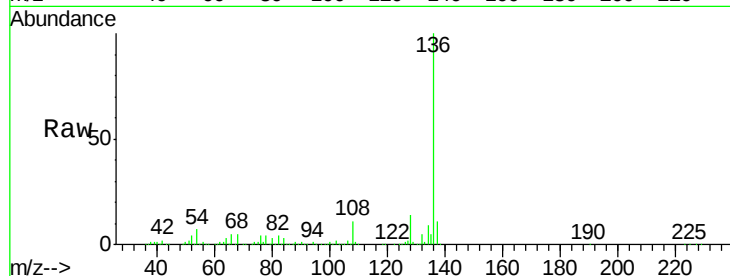




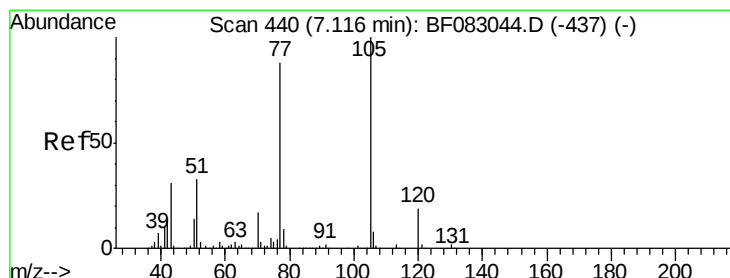
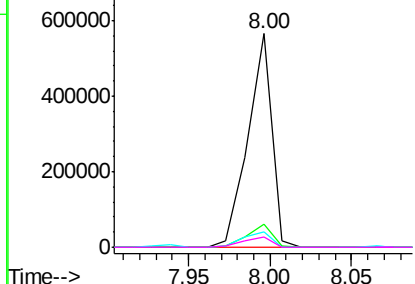
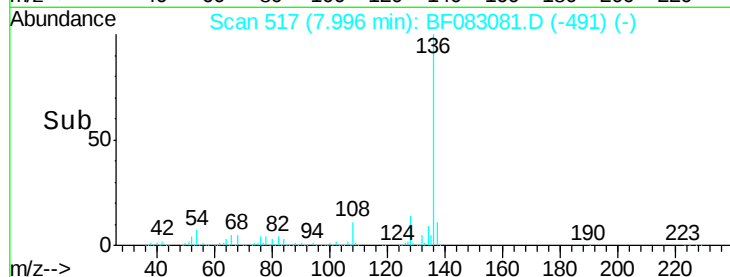
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 574819
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 12.8
54 7.2	6.2 9.2
68 5.0	4.2 6.2

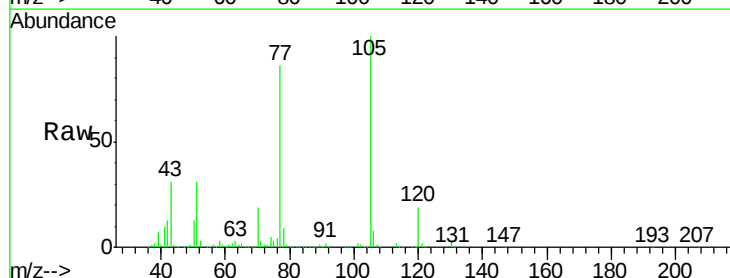


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

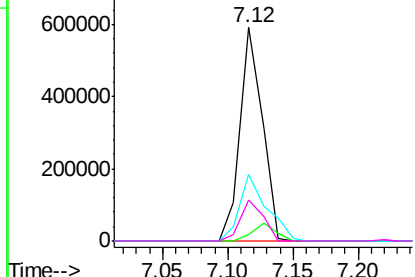
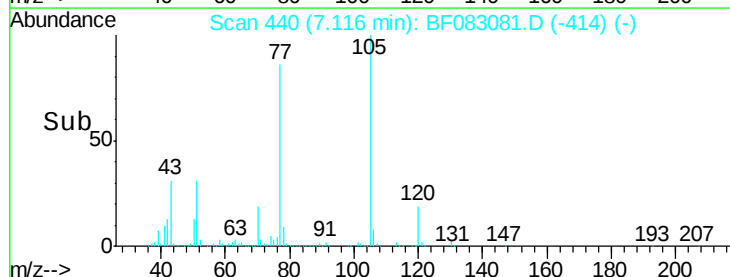


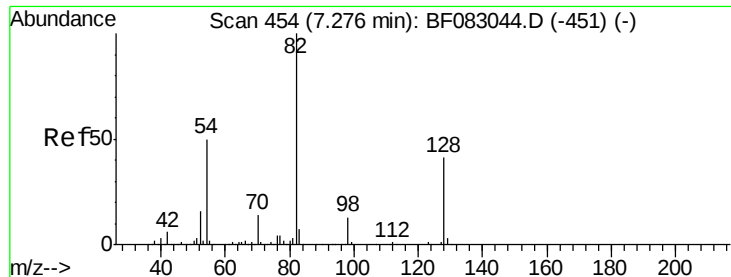
#22
Acetophenone
Concen: 43.46 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt	Ion:105	Resp:	699755
Ion	Ratio	Lower	Upper
105	100		
71	3.0	2.3	3.5
51	31.2	26.1	39.1
120	19.5	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

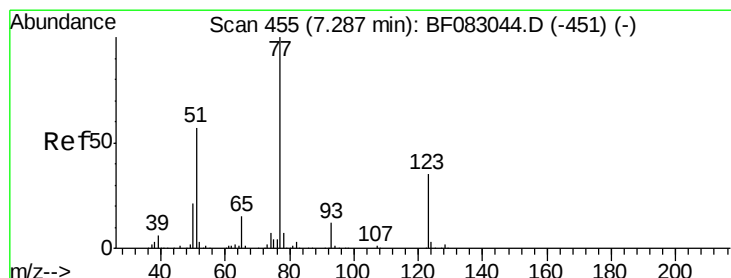
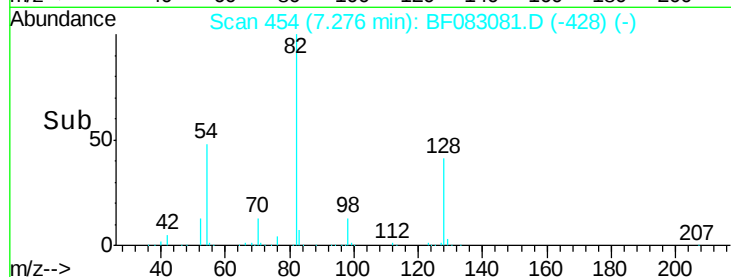
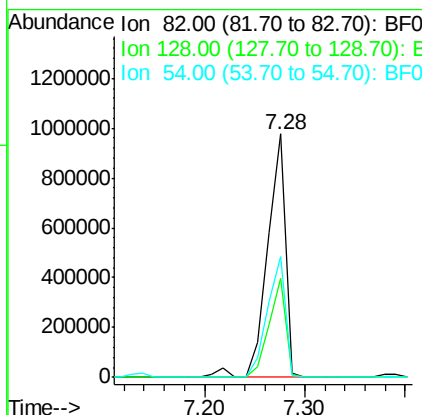
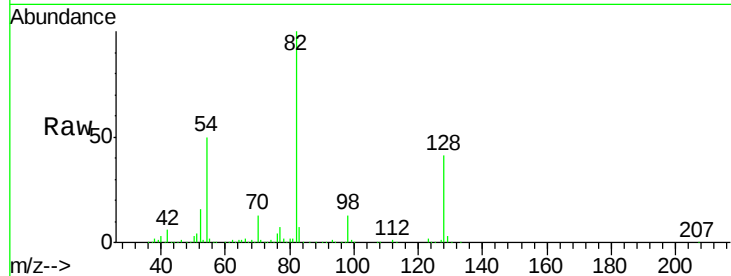




#23
Nitrobenzene-d5
Concen: 96.56 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

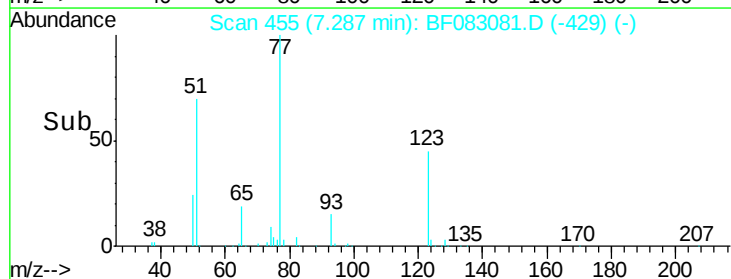
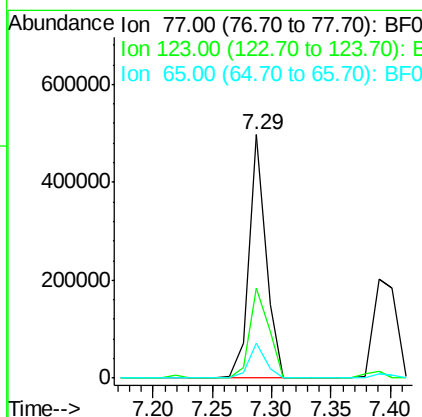
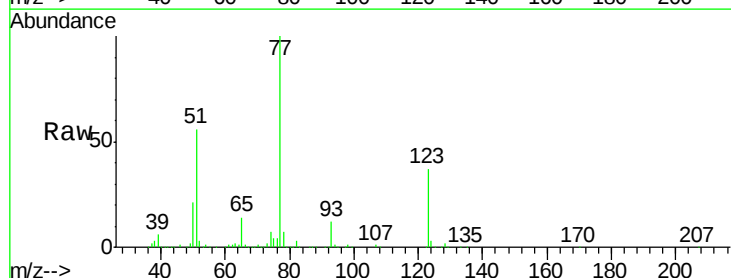
Instrument :
BNA_F
ClientSampleId :

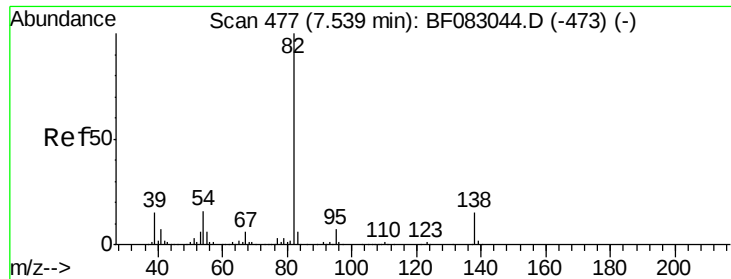
Tot Ion: 82 Resp: 1212377
Ion Ratio Lower Upper
82 100
128 40.7 33.1 49.7
54 49.5 39.8 59.6



#24
Nitrobenzene
Concen: 39.31 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion: 77 Resp: 497883
Ion Ratio Lower Upper
77 100
123 37.1 28.2 42.4
65 14.5 11.8 17.8





#25

Isophorone

Concen: 44.19 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampled :

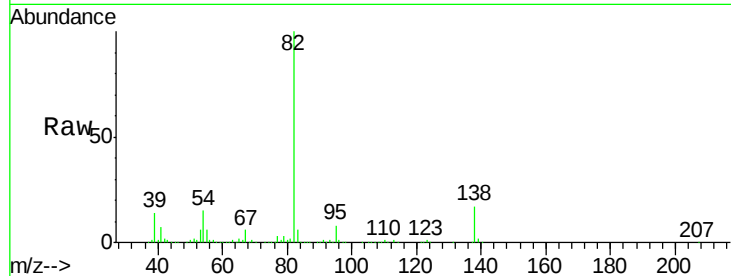
Tot Ion: 82 Resp: 1046450

Ion Ratio Lower Upper

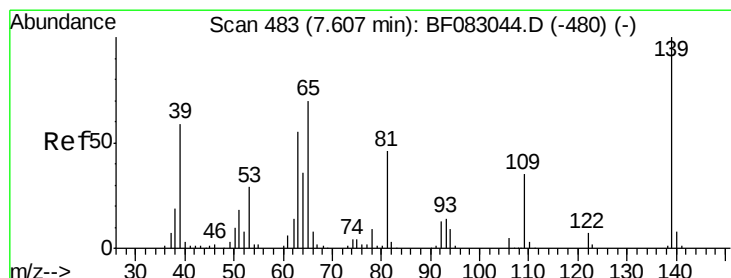
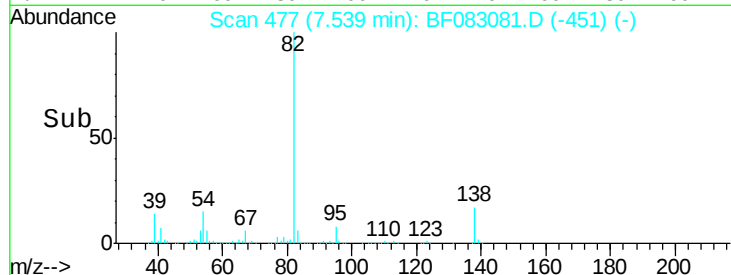
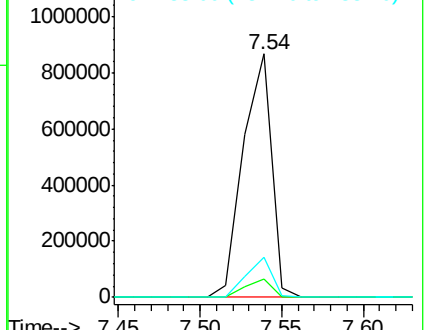
82 100

95 7.6 5.7 8.5

138 16.7 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: 20.50 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

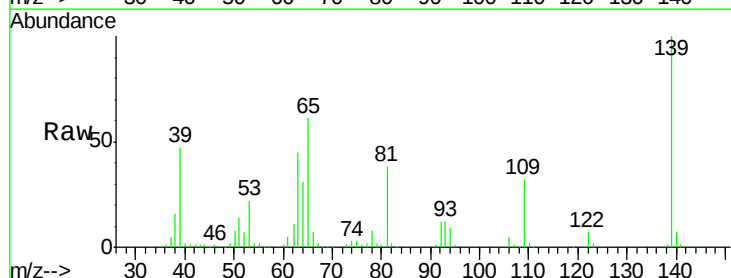
Tgt Ion: 139 Resp: 113534

Ion Ratio Lower Upper

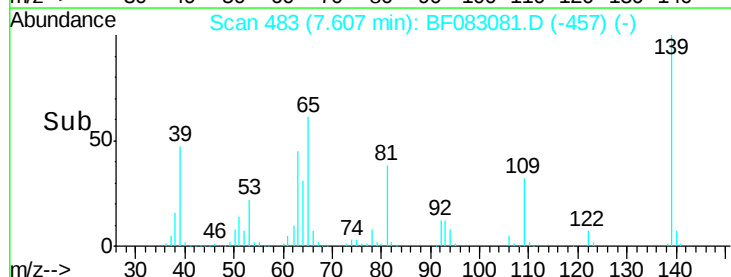
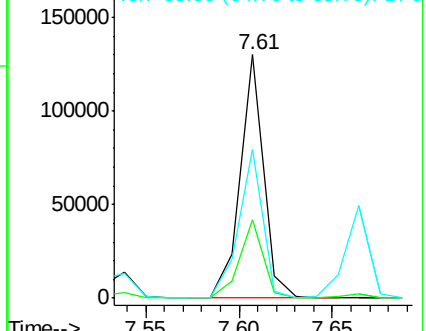
139 100

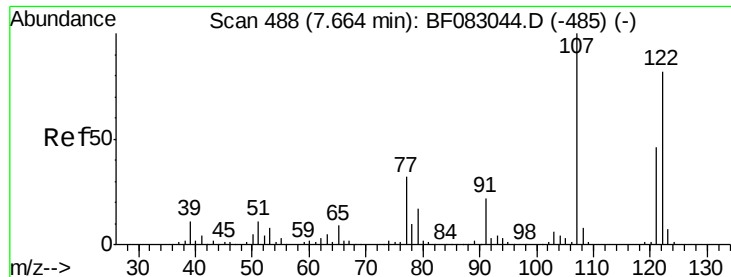
109 32.2 27.8 41.6

65 61.0 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

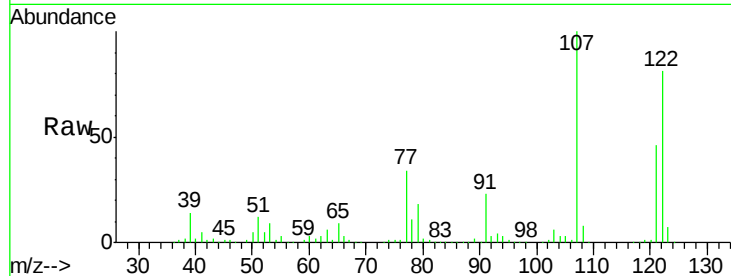




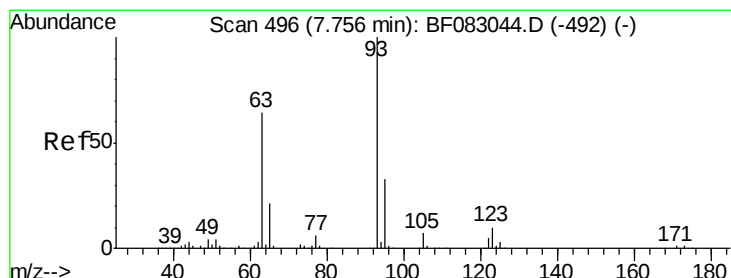
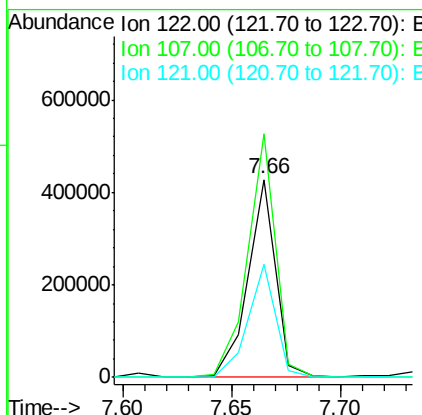
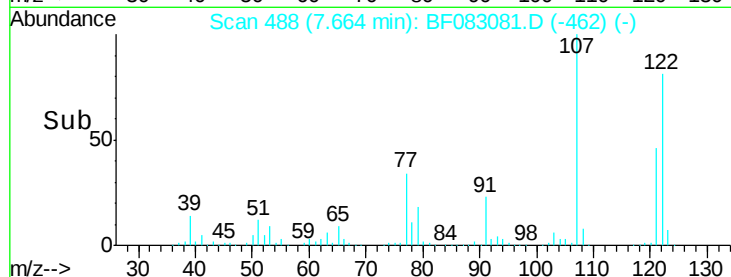
#27
 2,4-Dimethylphenol
 Concen: 41.60 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 380805
 Ion Ratio Lower Upper
 122 100
 107 123.1 97.5 146.3
 121 57.0 45.3 67.9

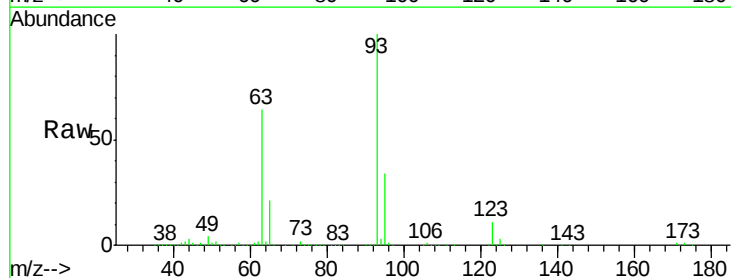


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

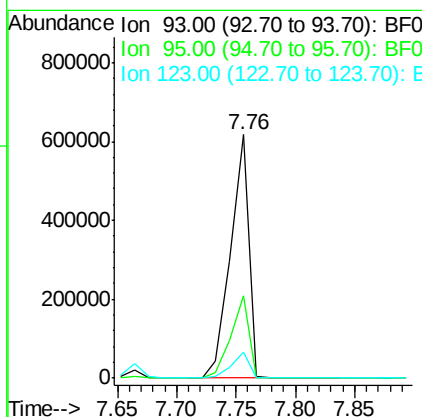
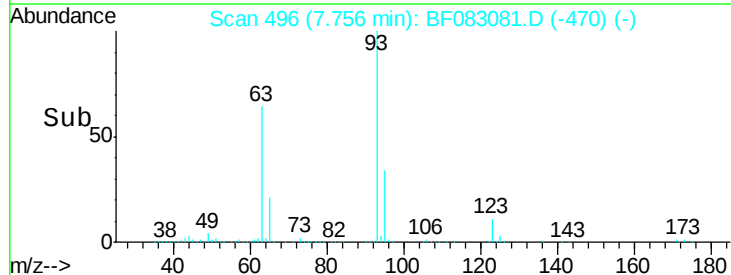


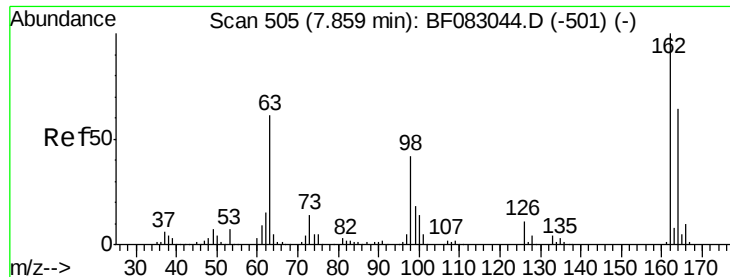
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.91 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion: 93 Resp: 662213
 Ion Ratio Lower Upper
 93 100
 95 34.0 26.2 39.2
 123 10.6 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

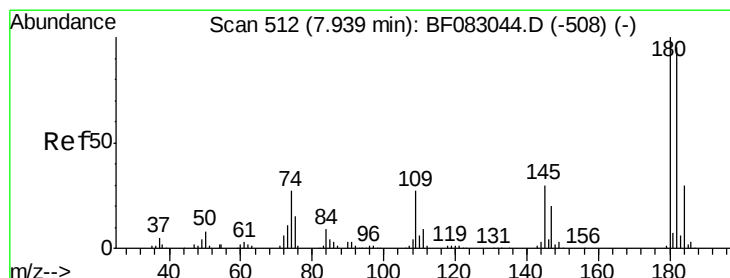
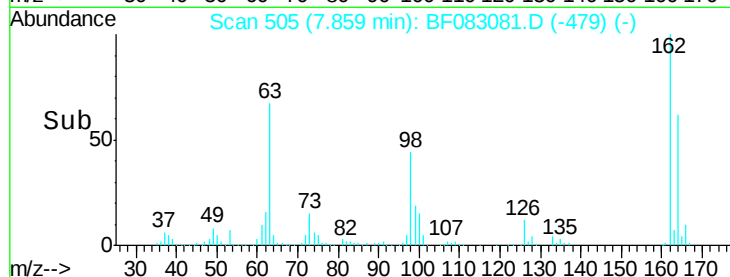
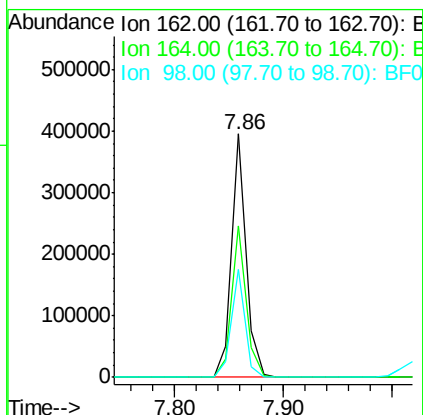
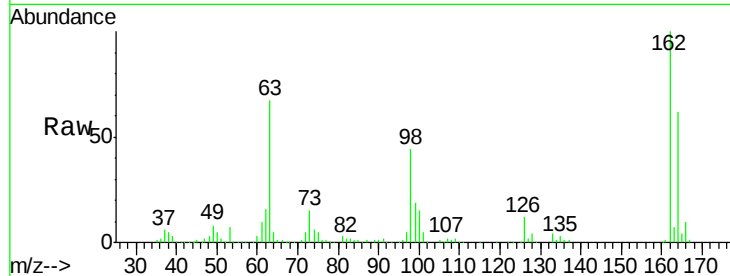




#29
 2,4-Dichlorophenol
 Concen: 40.91 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

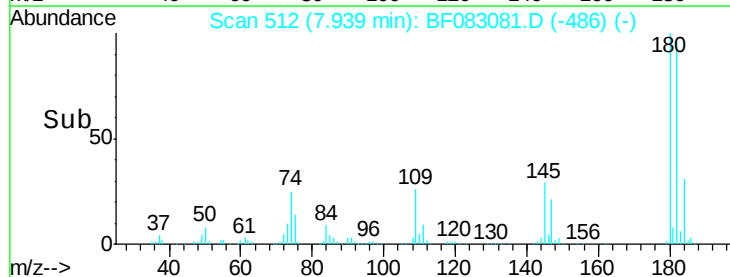
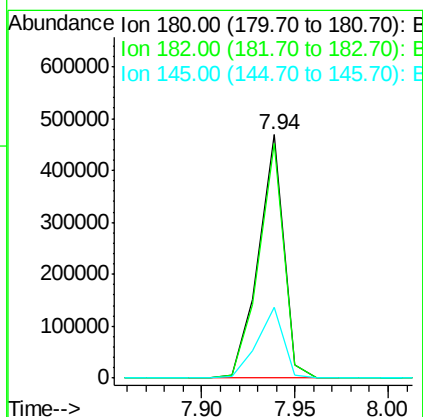
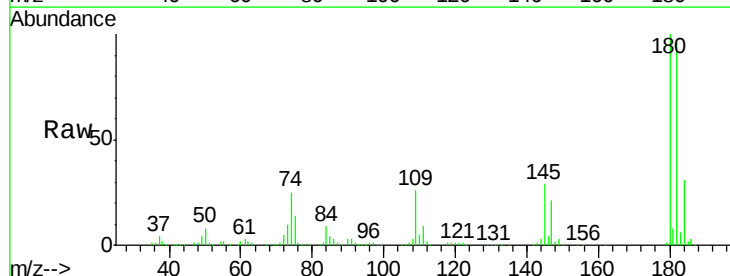
Instrument :
 BNA_F
 ClientSampleId :

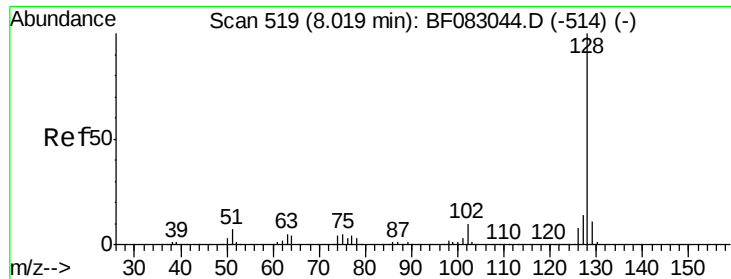
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.1	84.1
98	44.4	21.6	61.6



#30
 1,2,4-Trichlorobenzene
 Concen: 45.60 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.2	114.4
145	29.1	24.0	36.0

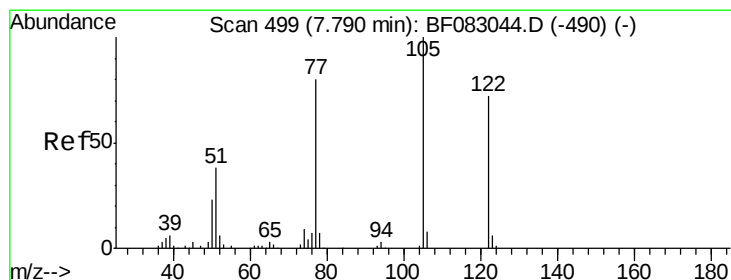
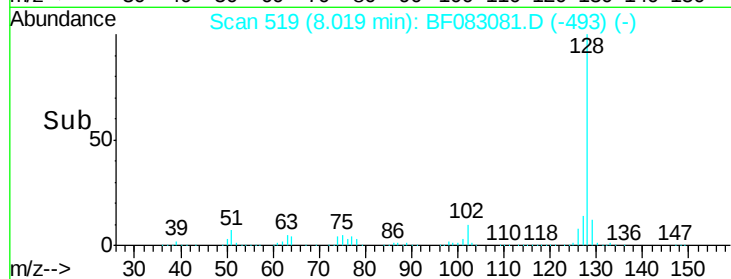
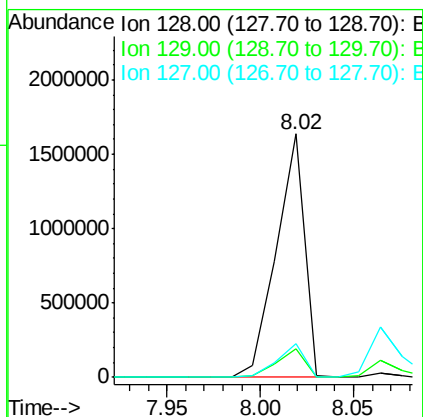
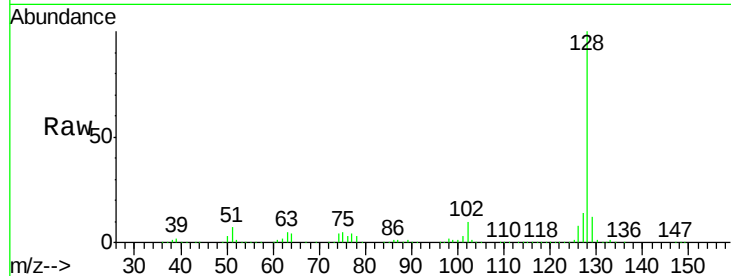




#31
Naphthalene
Concen: 57.28 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

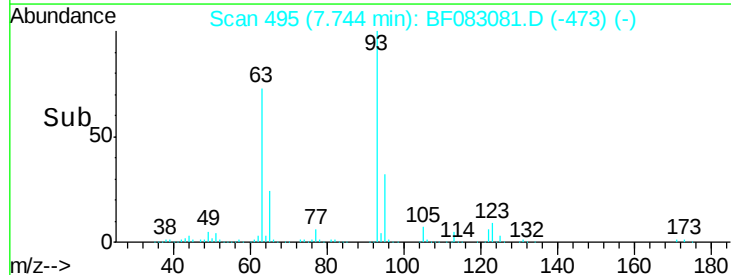
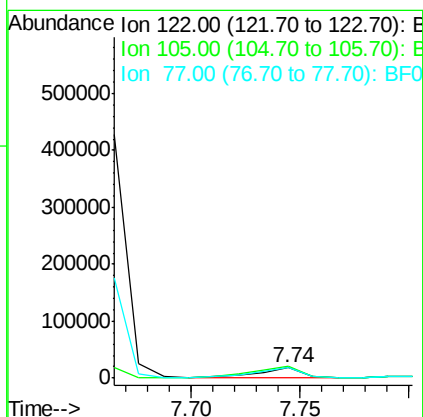
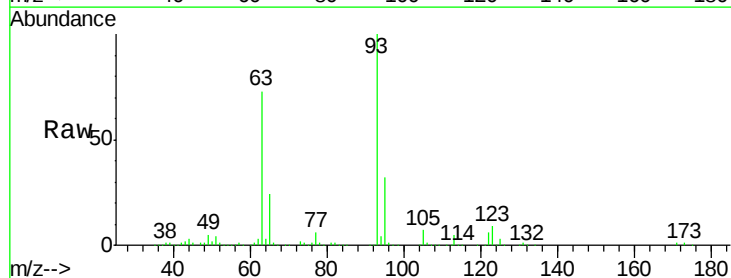
Instrument :
BNA_F
ClientSampleId :

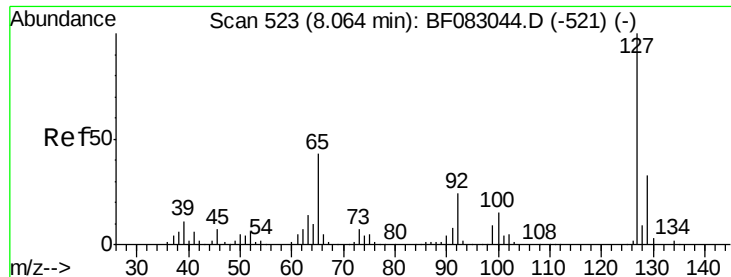
Tot Ion:128 Resp: 1715526
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 4.22 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:122 Resp: 23515
Ion Ratio Lower Upper
122 100
105 115.0 115.0 155.0#
77 98.0 89.0 129.0

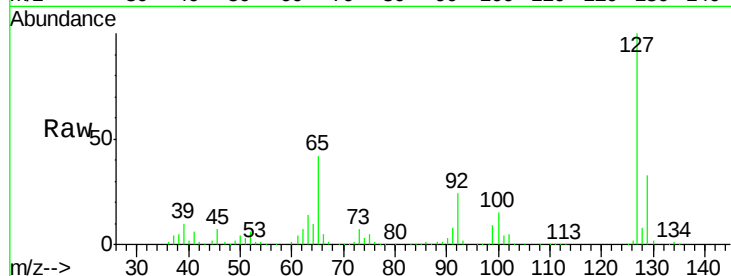




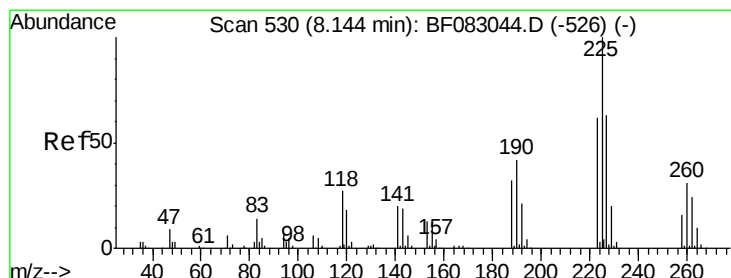
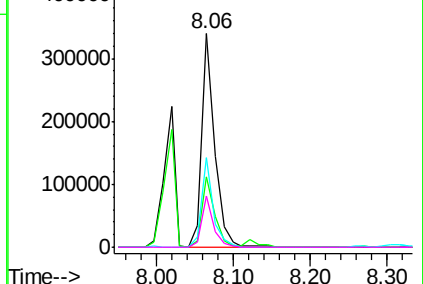
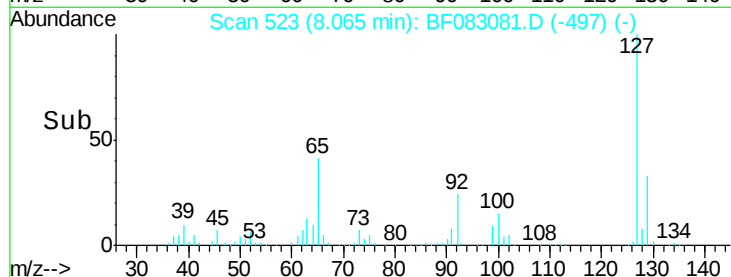
#33
4-Chloroaniline
Concen: 30.06 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 391548
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 41.7 34.4 51.6
92 23.9 19.5 29.3

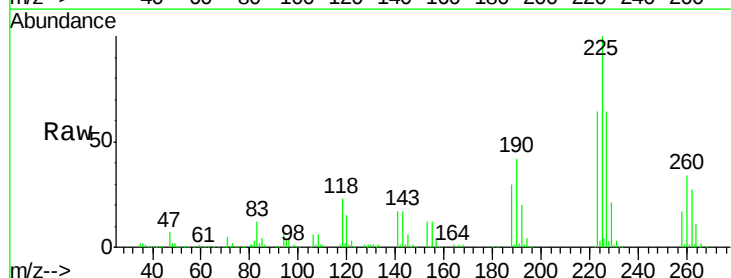


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

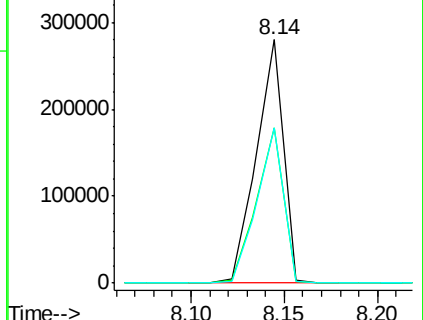
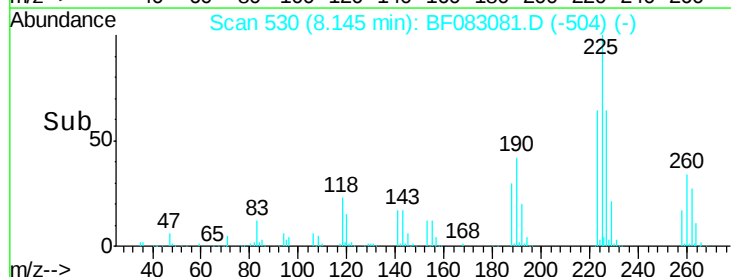


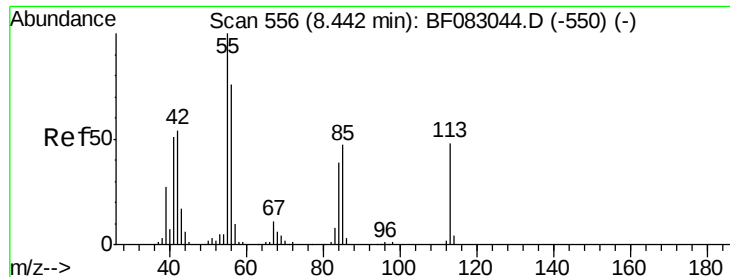
#34
Hexachlorobutadiene
Concen: 45.52 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:225 Resp: 279553
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.6
227 64.0 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

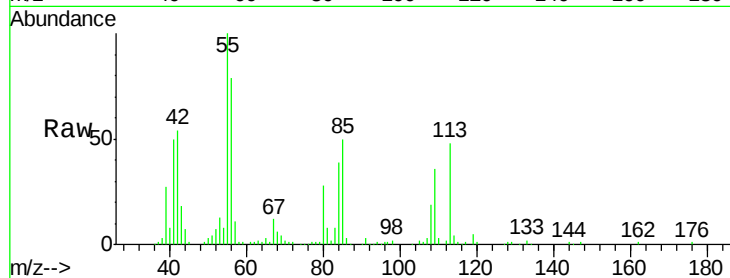




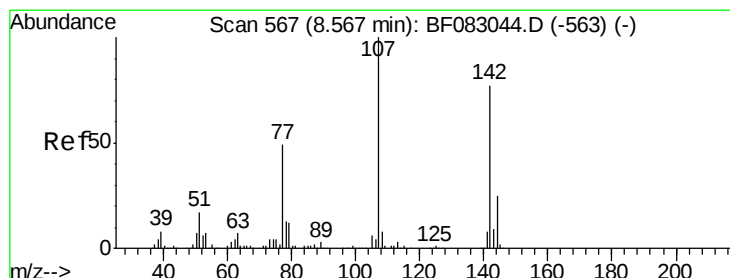
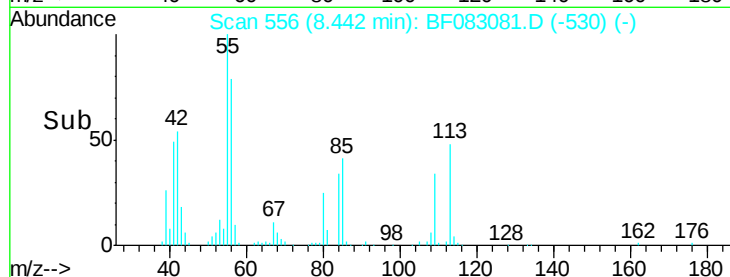
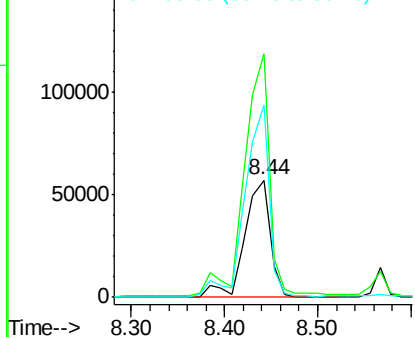
#35
 Caprolactam
 Concen: 38.96 ng
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 109904
 Ion Ratio Lower Upper
 113 100
 55 208.2 189.1 229.1
 56 164.7 137.9 177.9

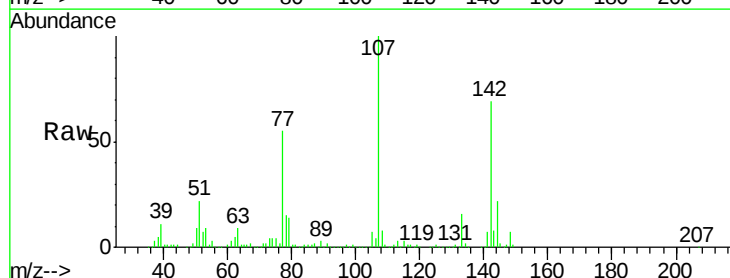


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

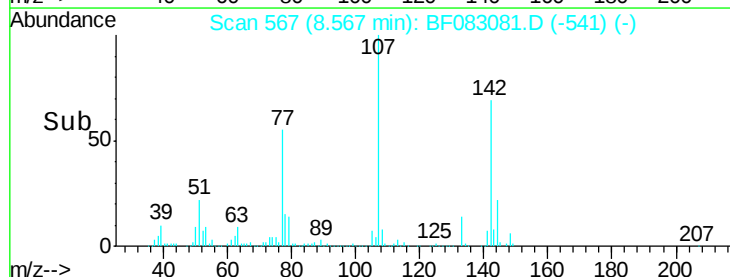
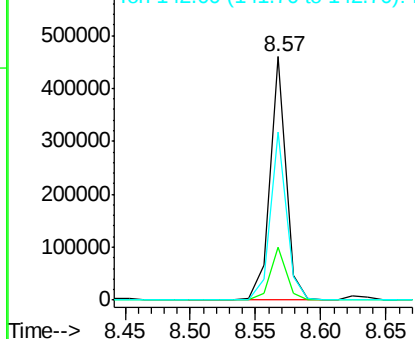


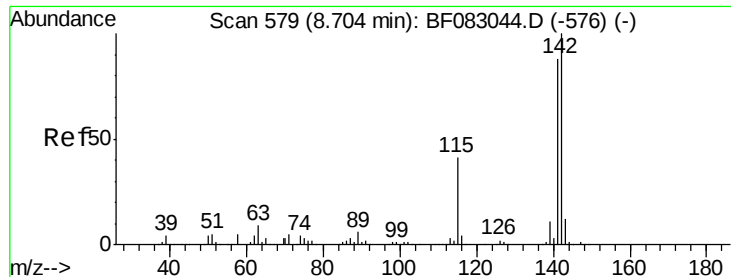
#36
 4-Chloro-3-methylphenol
 Concen: 38.69 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:107 Resp: 396804
 Ion Ratio Lower Upper
 107 100
 144 21.6 20.0 30.0
 142 68.9 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

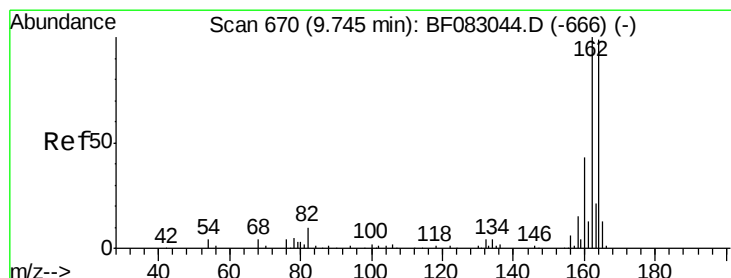
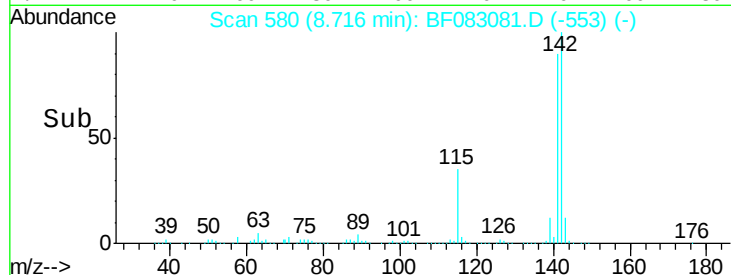
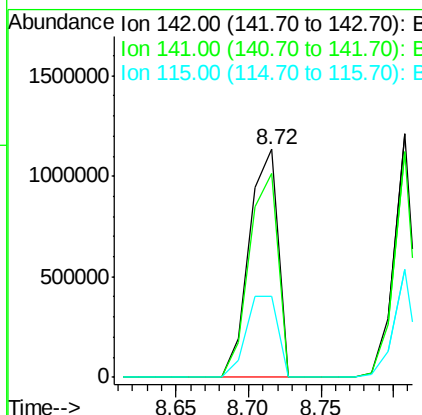
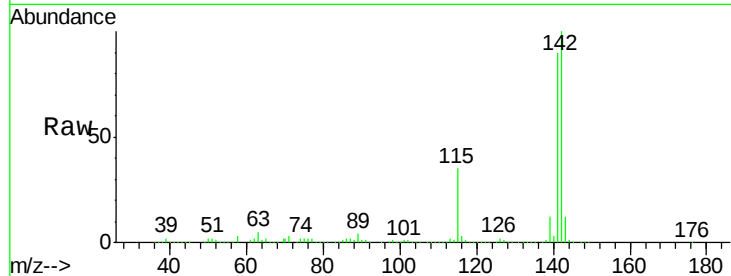




#37
 2-Methylnaphthalene
 Concen: 78.46 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

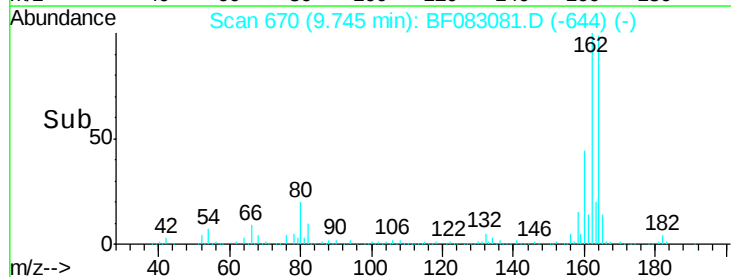
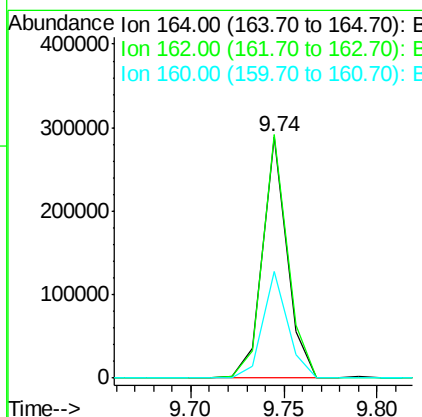
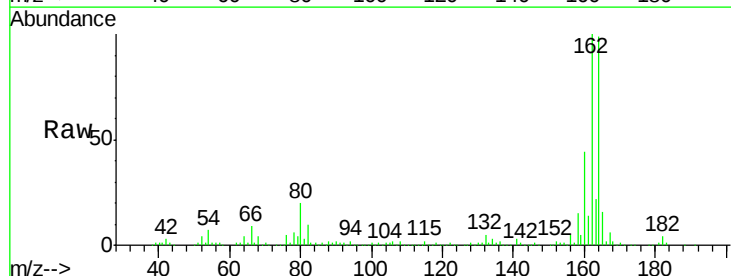
Instrument :
 BNA_F
 ClientSampleId :

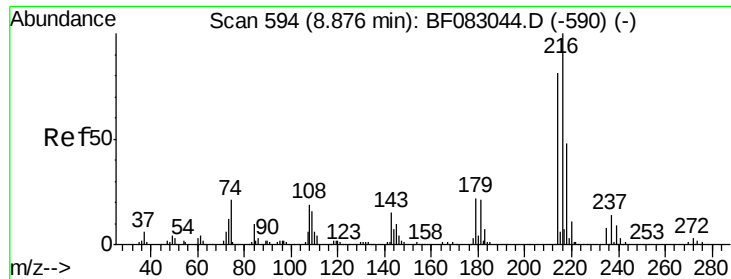
Tot Ion:142 Resp: 1564503
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.7 106.1
 115 35.5 33.1 49.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:164 Resp: 262742
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.5 120.7
 160 44.2 35.0 52.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.16 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 417300

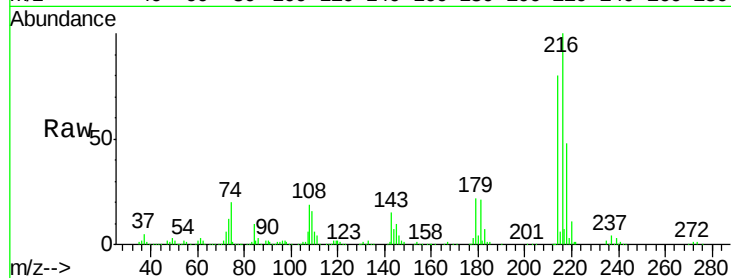
Ion Ratio Lower Upper

216 100

214 79.5 64.6 97.0

179 22.1 17.8 26.6

108 20.2 16.8 25.2

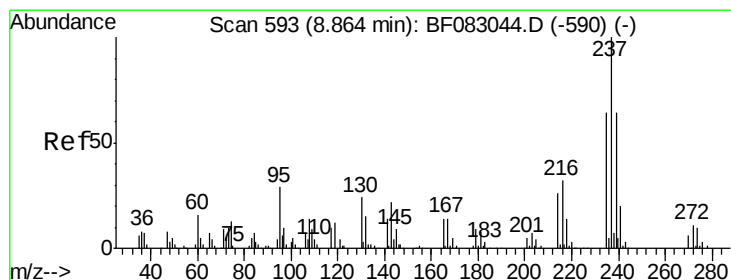
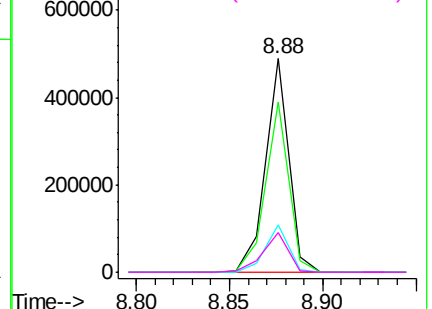
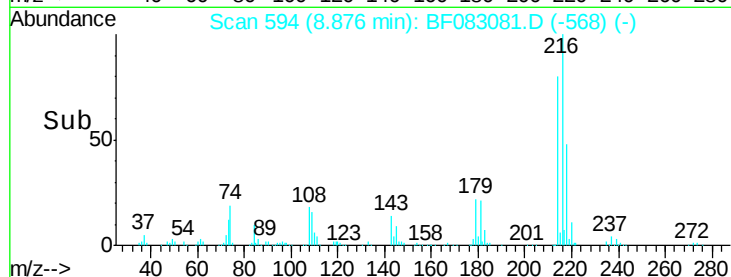


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.29 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

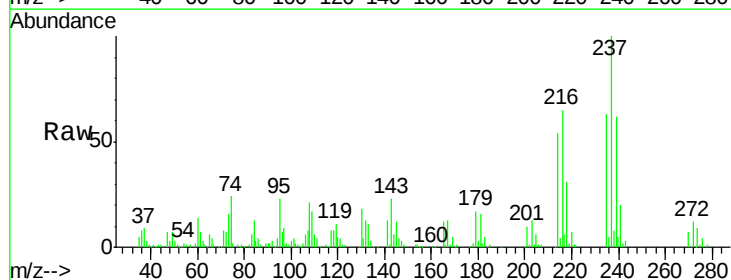
Tgt Ion:237 Resp: 114223

Ion Ratio Lower Upper

237 100

235 63.2 44.1 84.1

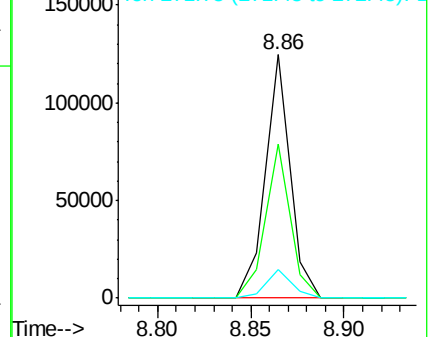
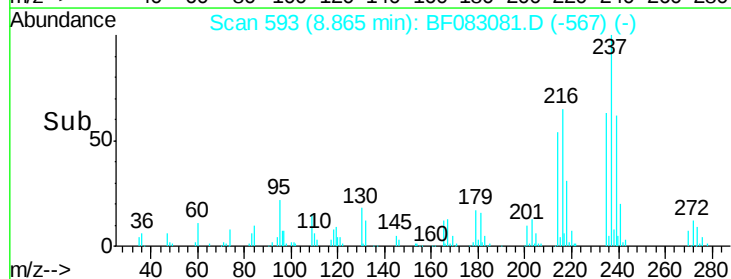
272 11.9 0.0 30.9

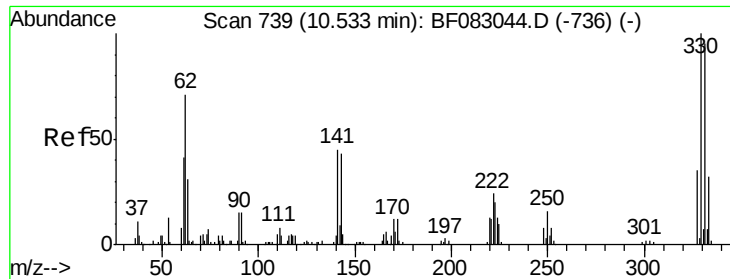


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

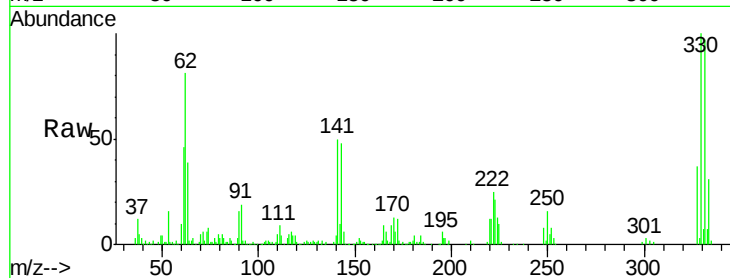




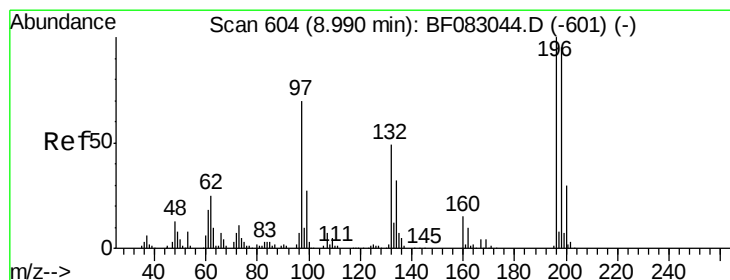
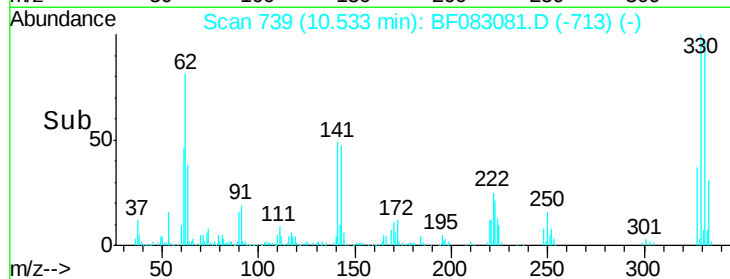
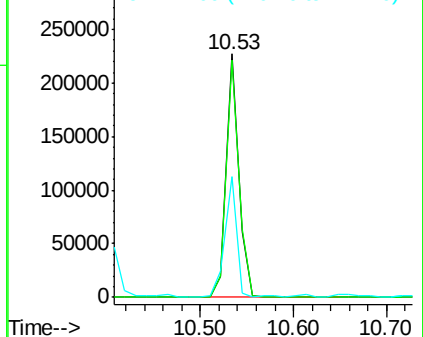
#41
 2,4,6-Tribromophenol
 Concen: 77.05 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 214933
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.6 116.4
 141 45.9 34.6 52.0

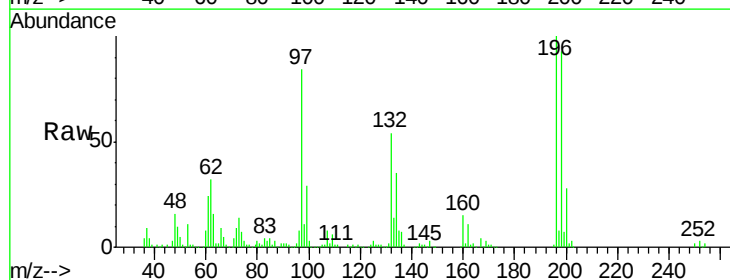


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

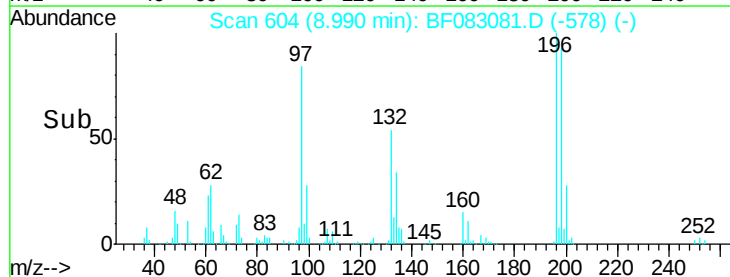
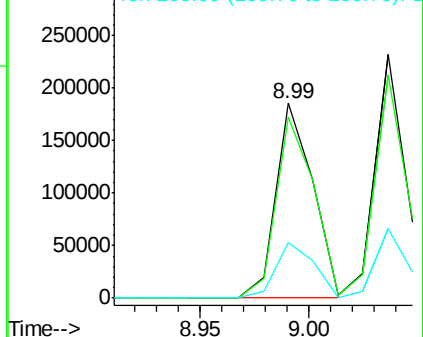


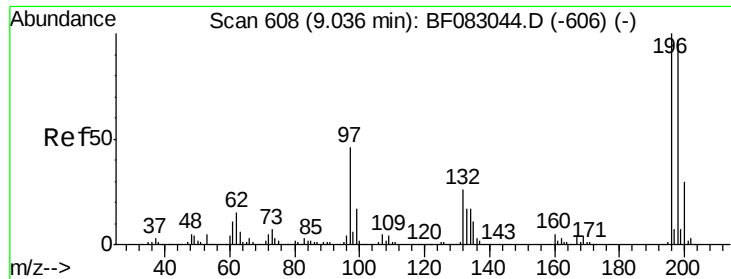
#42
 2,4,6-Trichlorophenol
 Concen: 35.05 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:196 Resp: 220384
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.9 113.9
 200 28.2 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

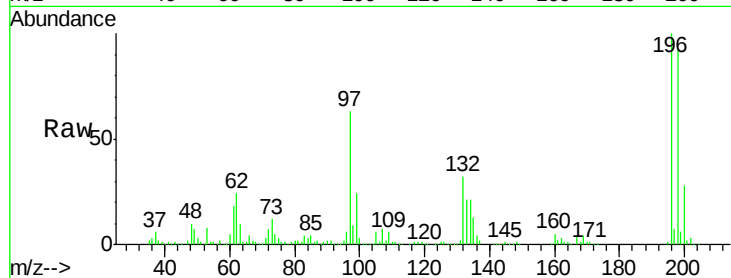




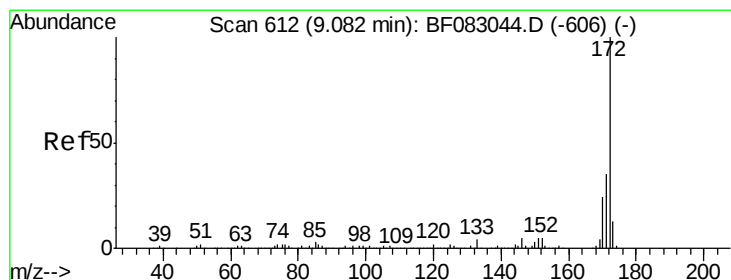
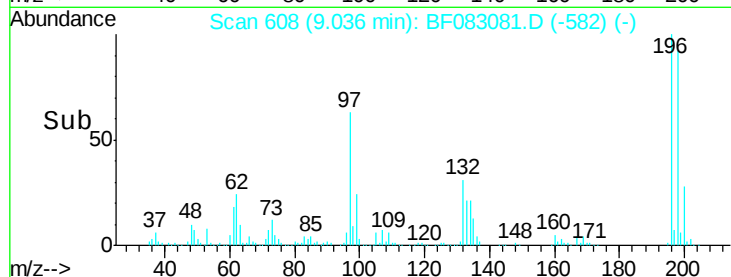
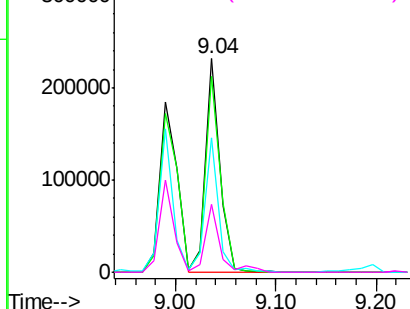
#43
2,4,5-Trichlorophenol
Concen: 36.78 ng
RT: 9.04 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.8	77.8	116.6
97	62.8	37.1	55.7#
132	31.6	21.0	31.4#

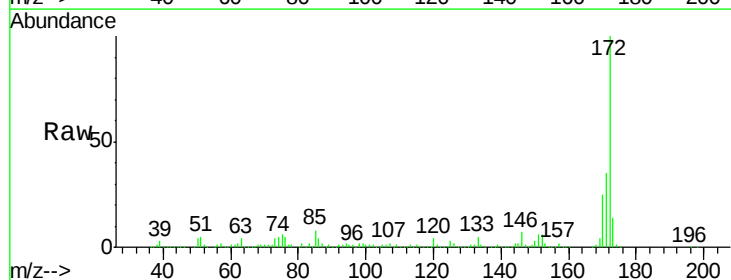


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

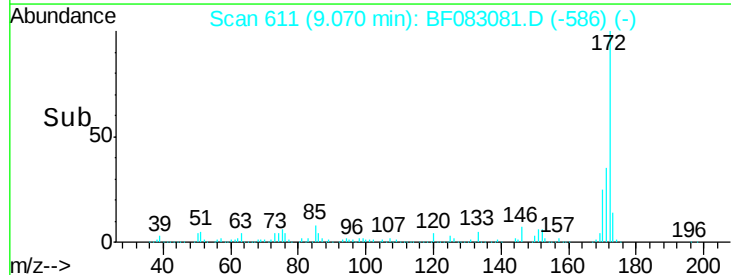
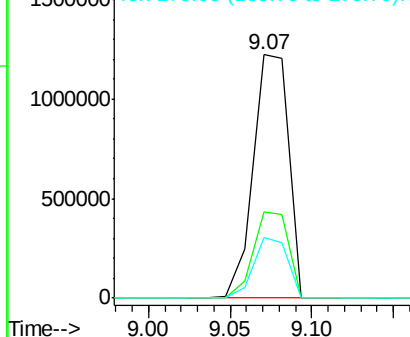


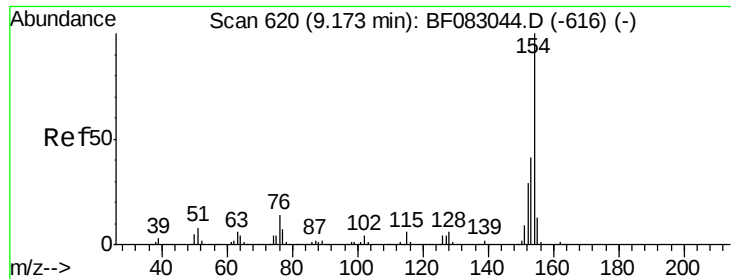
#44
2-Fluorobiphenyl
Concen: 94.34 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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: 45.01 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

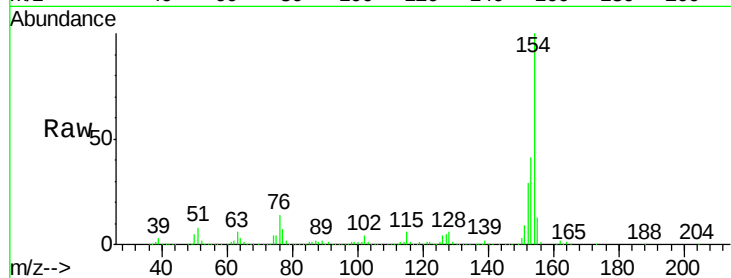
Tot Ion:154 Resp: 1040336

Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

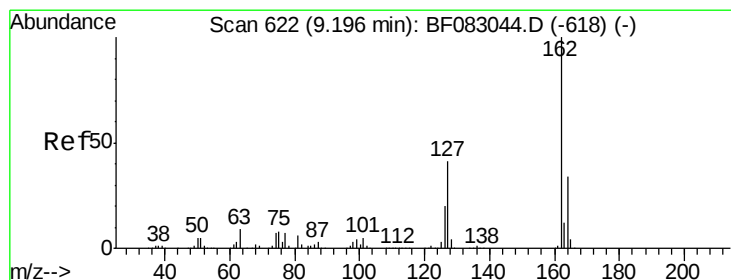
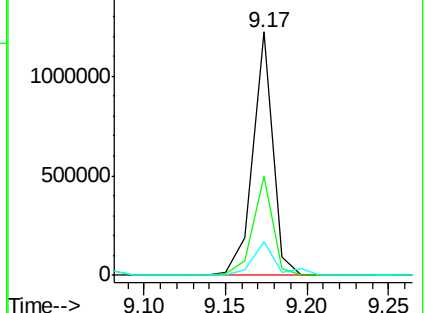
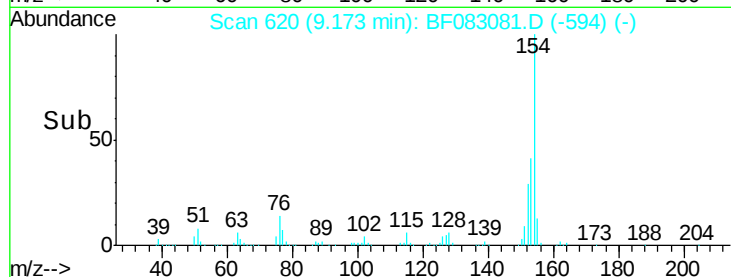
76 13.9 0.0 34.0



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: 49.35 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

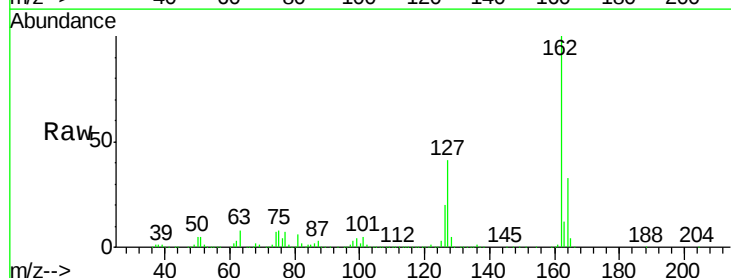
Tgt Ion:162 Resp: 867955

Ion Ratio Lower Upper

162 100

127 40.7 32.8 49.2

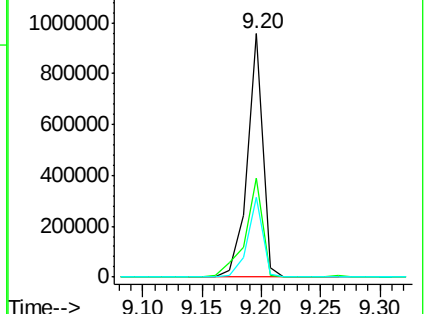
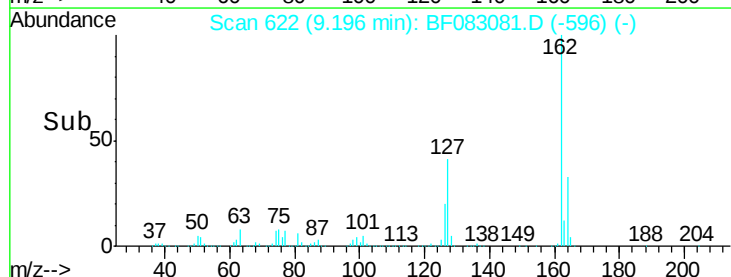
164 33.0 26.9 40.3

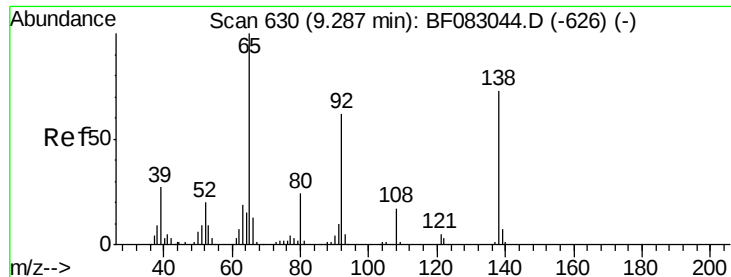


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.29 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

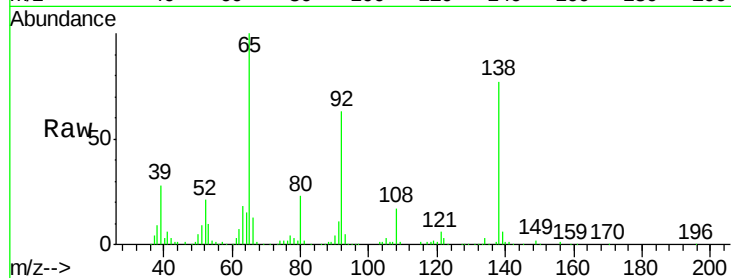
Tot Ion: 65 Resp: 287204

Ion Ratio Lower Upper

65 100

92 63.2 49.6 74.4

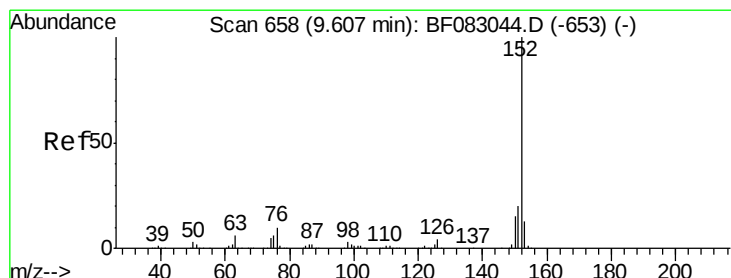
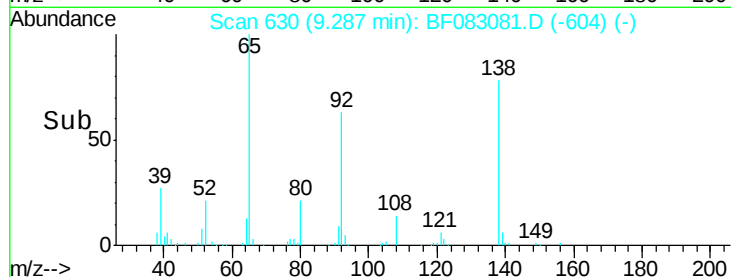
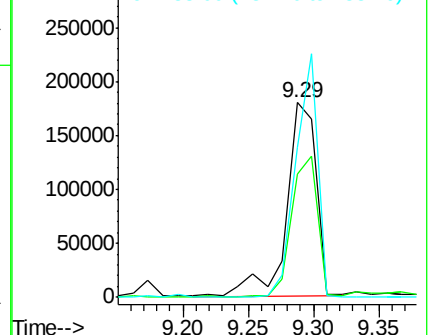
138 76.9 58.8 88.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.75 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

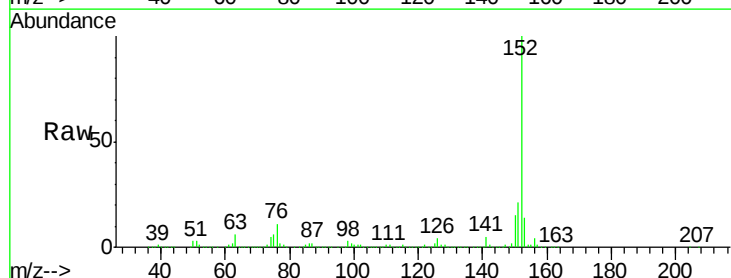
Tgt Ion: 152 Resp: 1208742

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.2

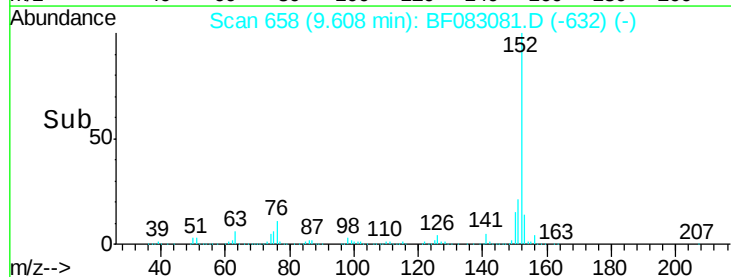
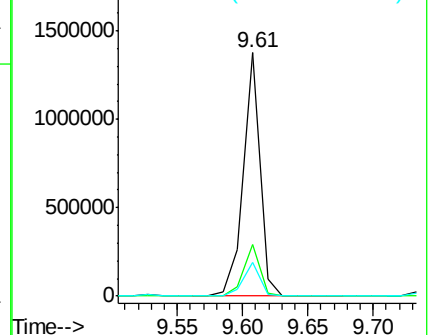
153 14.0 10.6 15.8

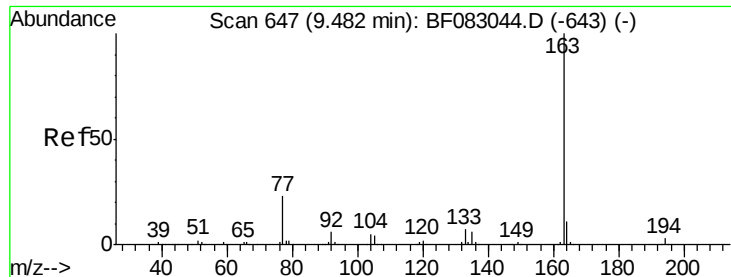


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

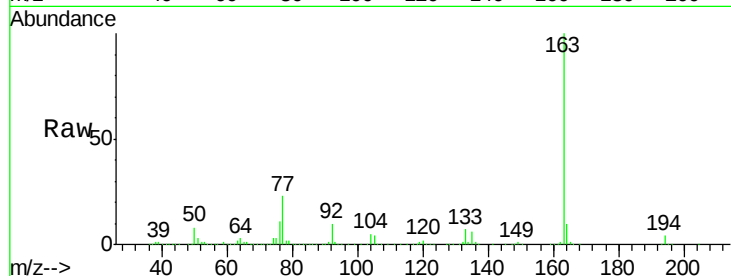




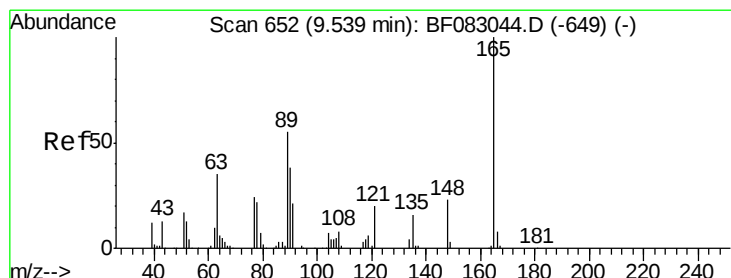
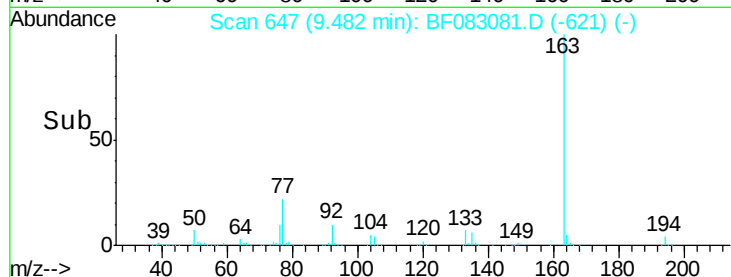
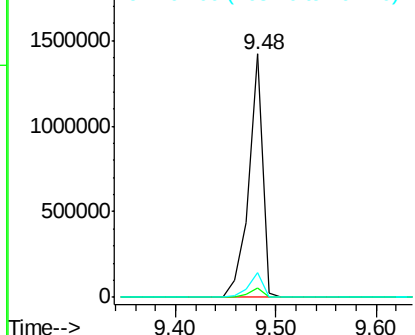
#49
Dimethylphthalate
Concen: 63.23 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1367294
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.5 12.7

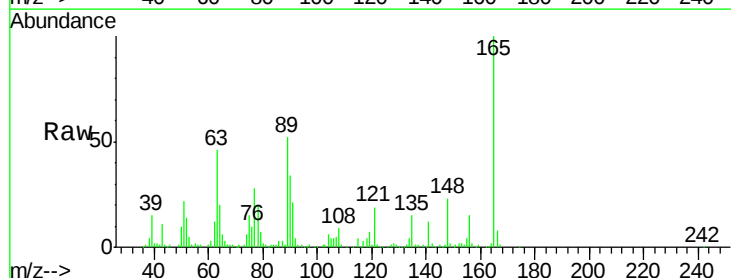


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

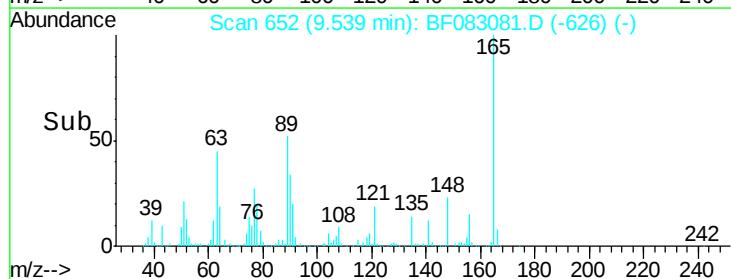
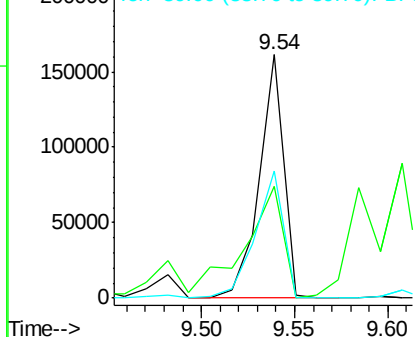


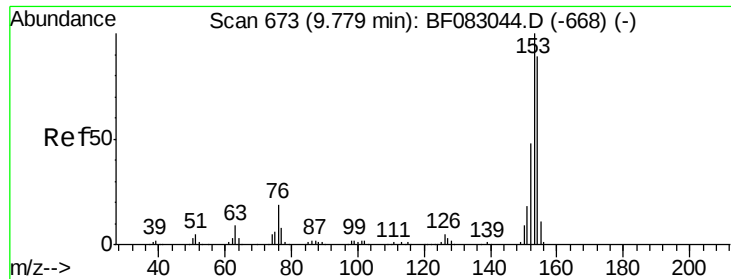
#50
2,6-Dinitrotoluene
Concen: 30.96 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:165 Resp: 144308
Ion Ratio Lower Upper
165 100
63 45.7 40.6 61.0
89 52.1 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

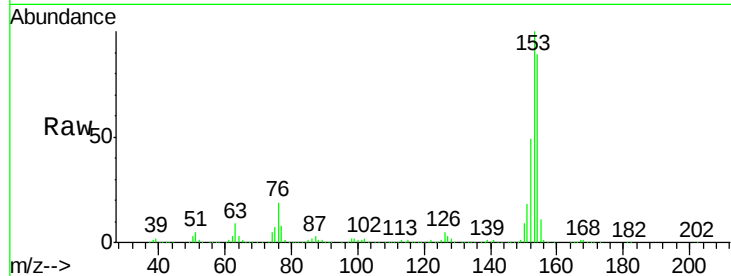




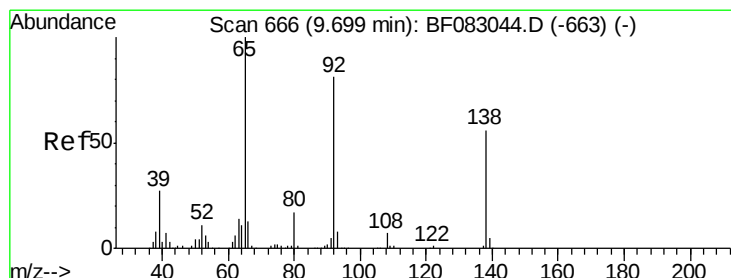
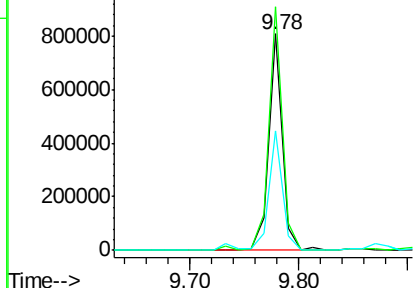
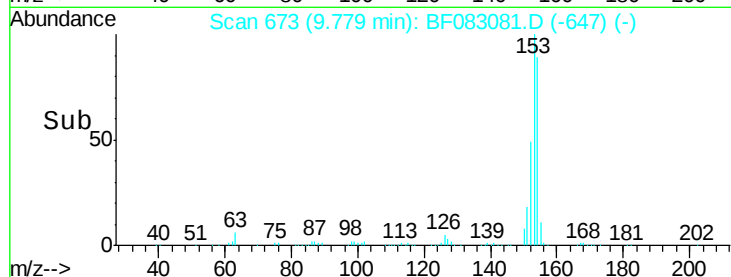
#51
Acenaphthene
Concen: 39.09 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 715239
Ion Ratio Lower Upper
154 100
153 112.4 90.1 135.1
152 55.0 43.3 64.9

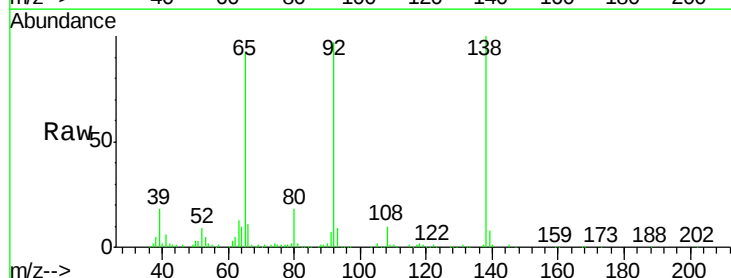


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

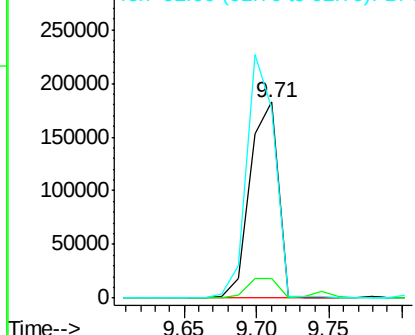
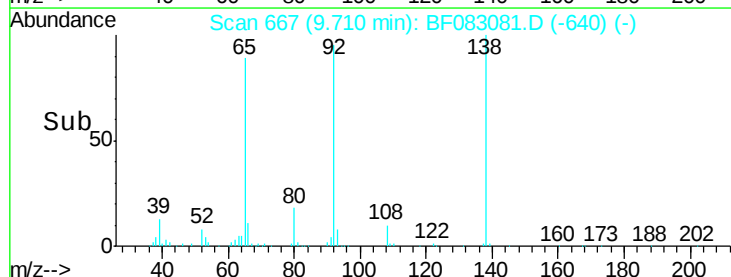


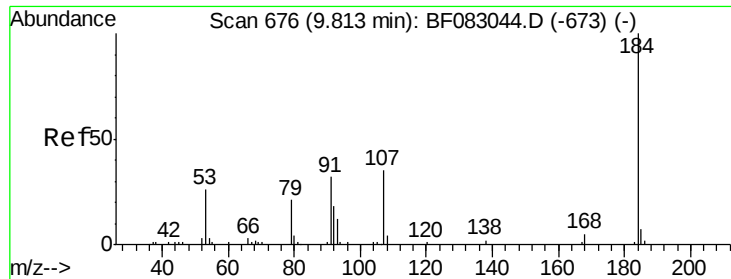
#52
3-Nitroaniline
Concen: 46.30 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:138 Resp: 246220
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 97.2 115.2 172.8#



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

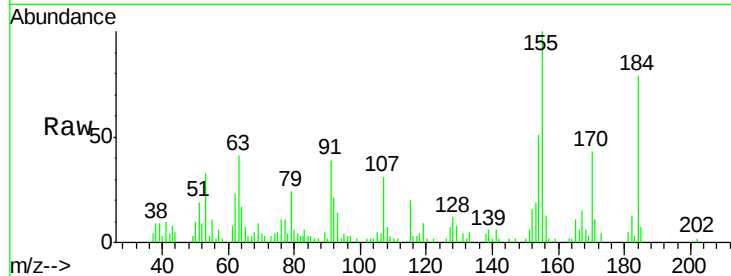




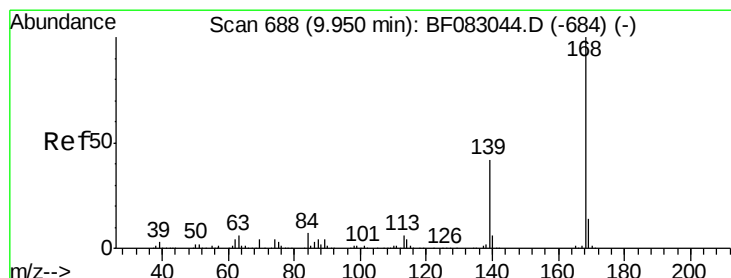
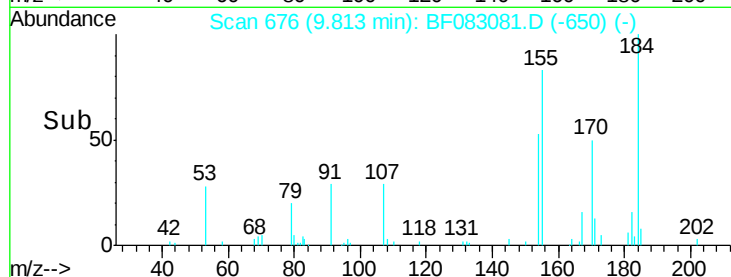
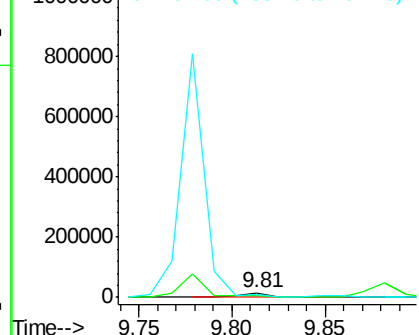
#53
2,4-Dinitrophenol
Concen: 6.80 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 16151
Ion Ratio Lower Upper
184 100
63 52.0 30.4 45.6#
154 64.4 44.9 67.3

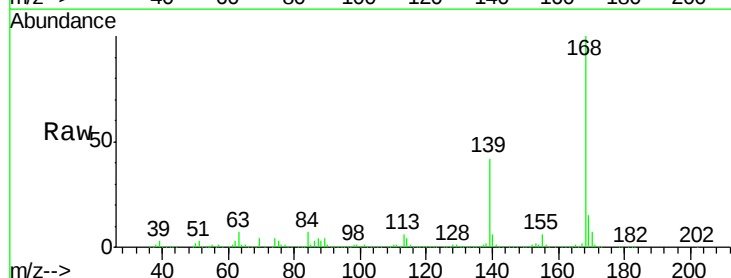


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

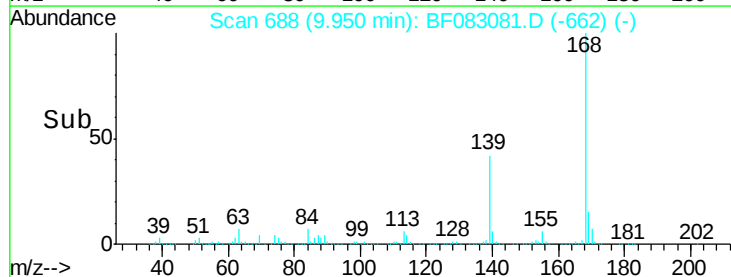
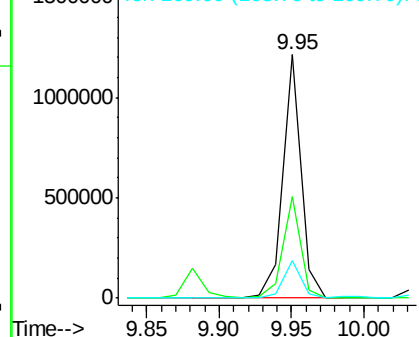


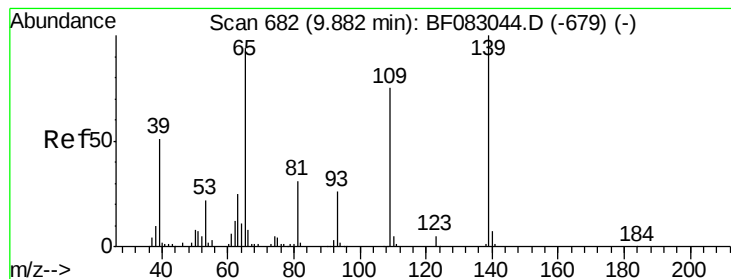
#54
Dibenzofuran
Concen: 43.38 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:168 Resp: 1063597
Ion Ratio Lower Upper
168 100
139 41.6 33.5 50.3
169 15.3 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: 37.96 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

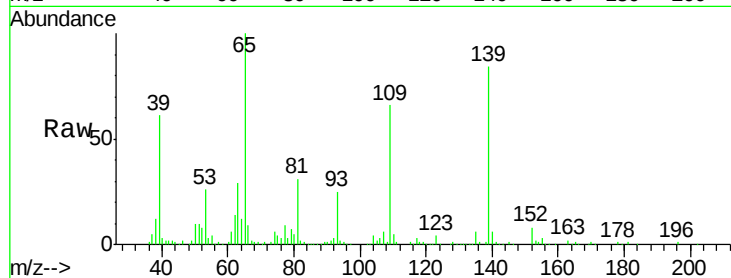
Tot Ion:139 Resp: 138545

Ion Ratio Lower Upper

139 100

109 78.5 54.6 94.6

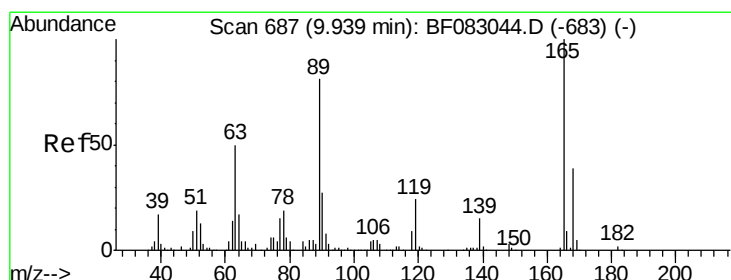
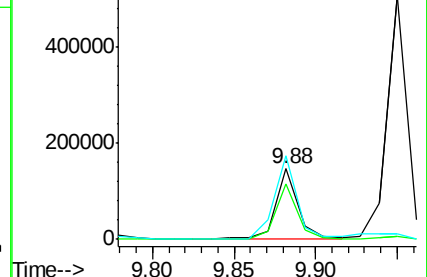
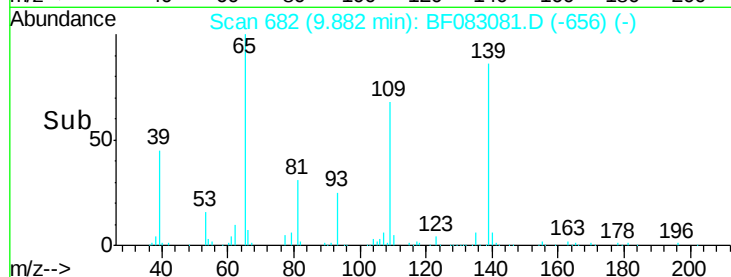
65 118.6 74.4 114.4#



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: 29.45 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Tgt Ion:165 Resp: 183729

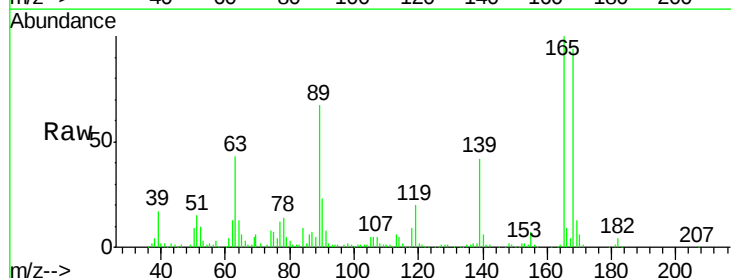
Ion Ratio Lower Upper

165 100

63 42.8 40.6 61.0

89 67.2 64.4 96.6

182 4.5 1.6 2.4#

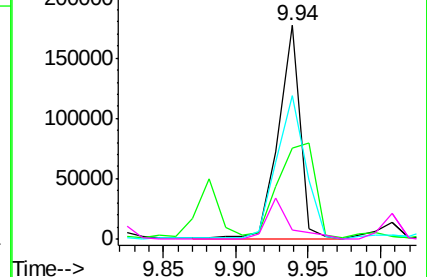
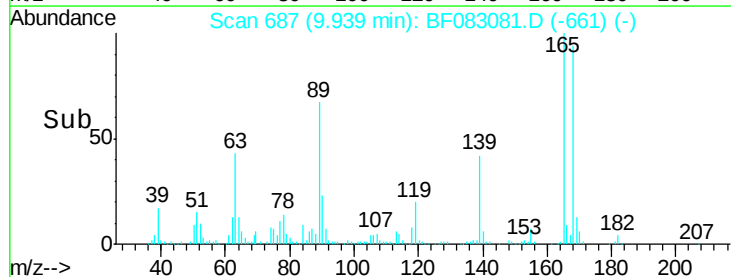


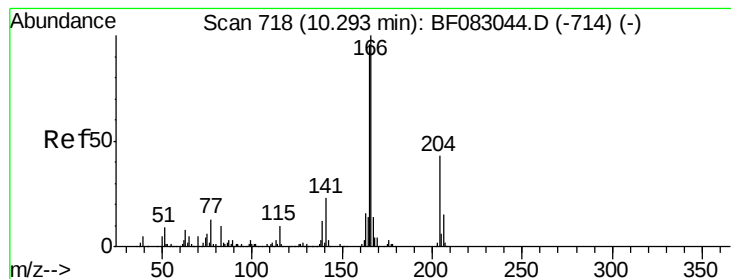
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.09 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

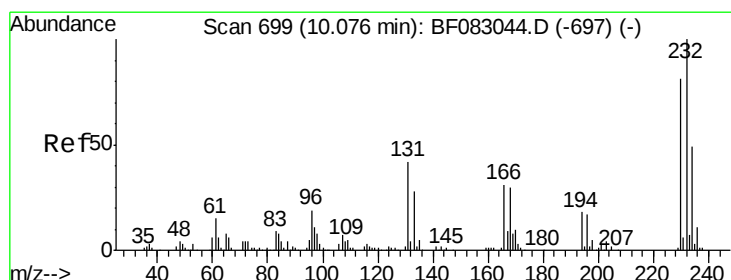
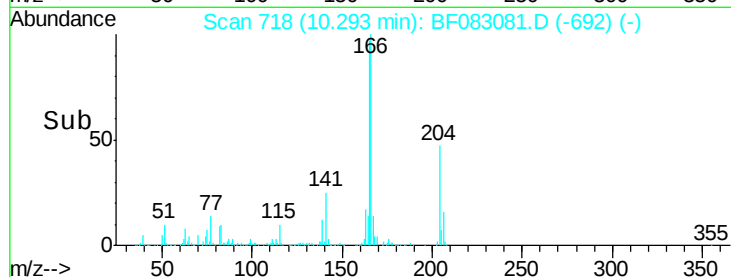
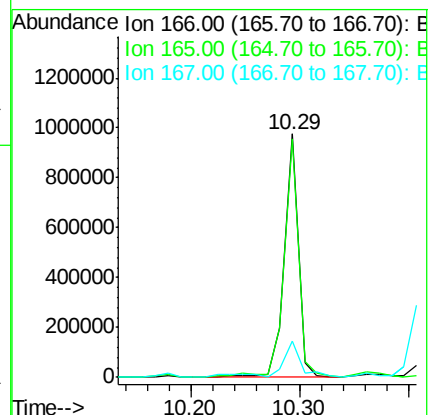
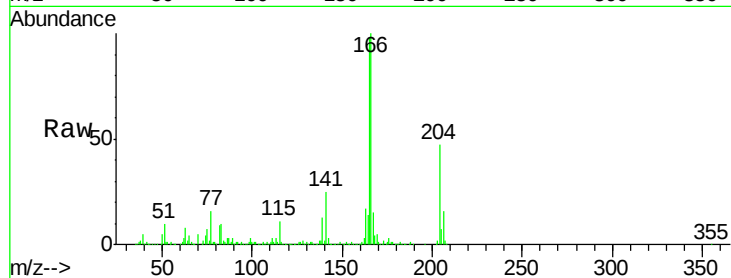
Tot Ion:166 Resp: 869781

Ion Ratio Lower Upper

166 100

165 97.8 77.1 115.7

167 15.2 11.0 16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.51 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Tgt Ion:232 Resp: 154581

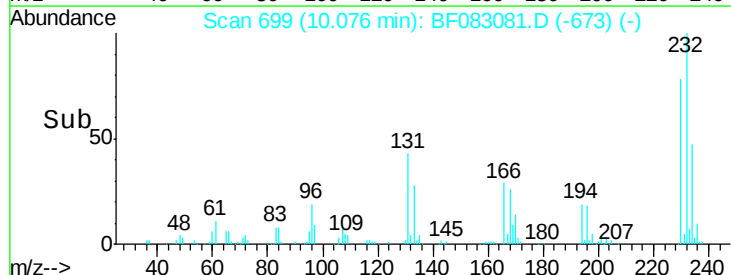
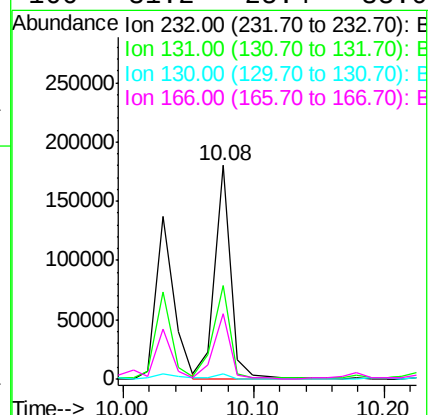
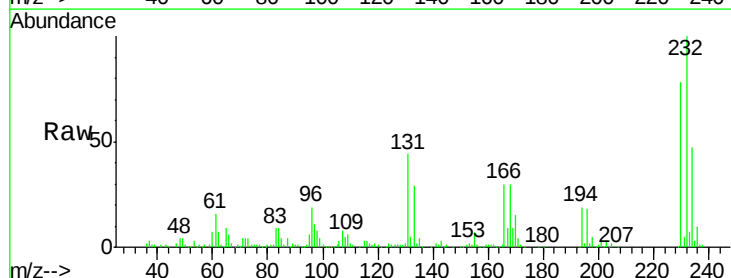
Ion Ratio Lower Upper

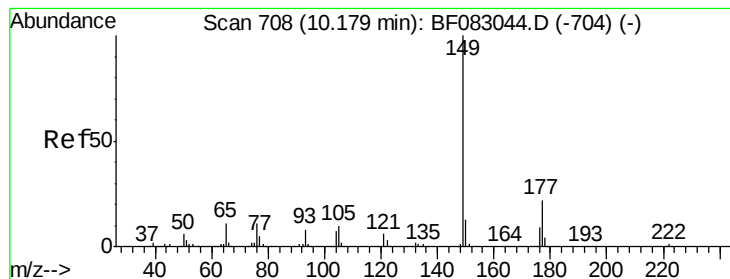
232 100

131 45.4 36.5 54.7

130 2.9 1.8 2.6#

166 31.2 25.4 38.0





#59

Diethylphthalate

Concen: 43.42 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

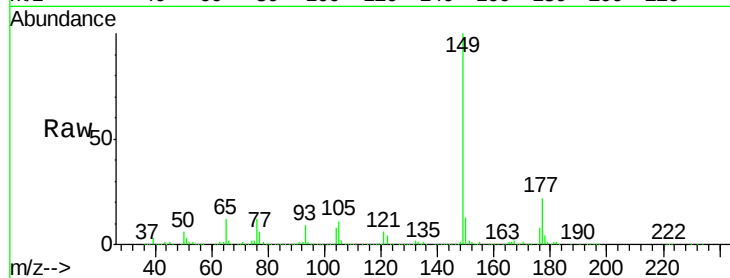
Tot Ion:149 Resp: 915584

Ion Ratio Lower Upper

149 100

177 21.7 17.4 26.2

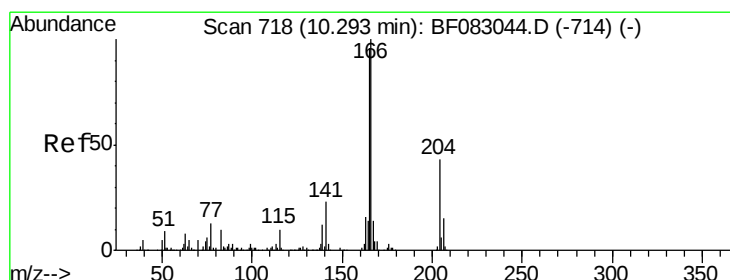
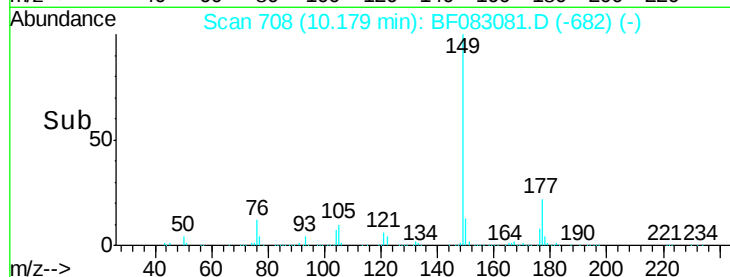
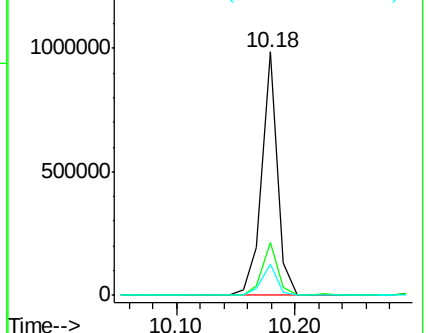
150 12.9 10.2 15.2



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: 45.72 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

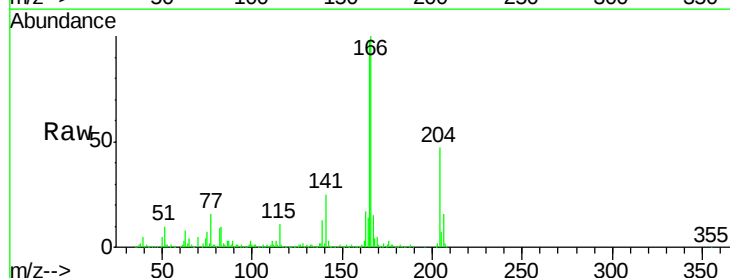
Tgt Ion:204 Resp: 422414

Ion Ratio Lower Upper

204 100

206 35.0 28.2 42.4

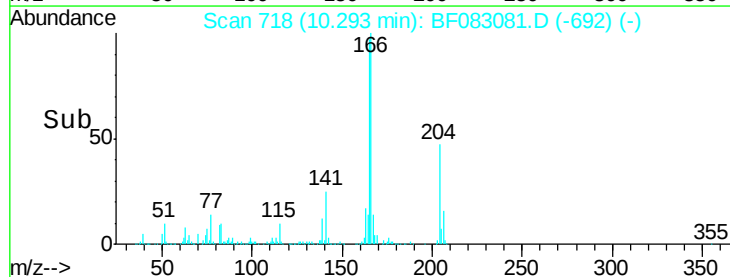
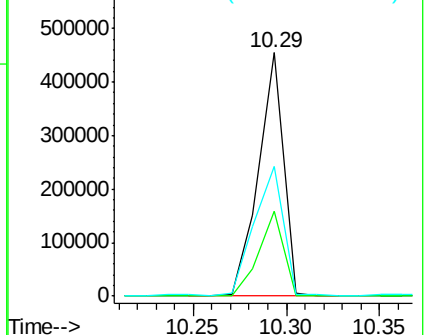
141 53.2 41.8 62.8

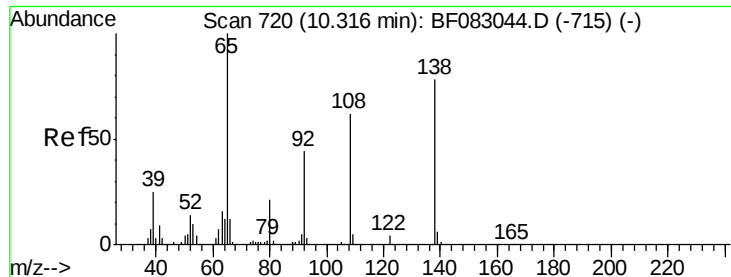


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

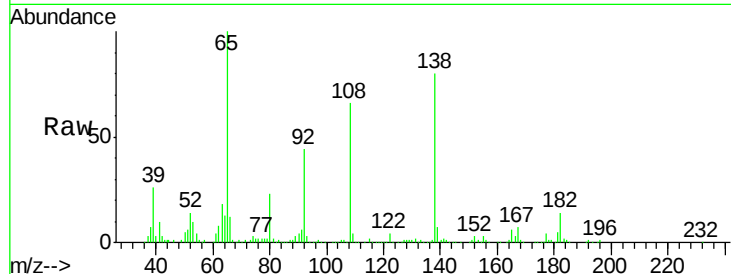




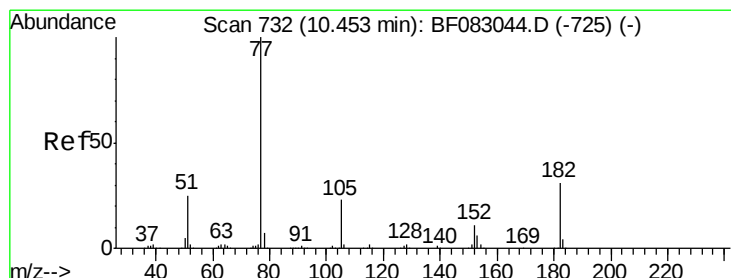
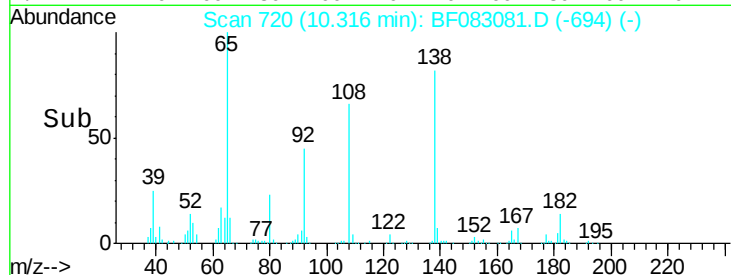
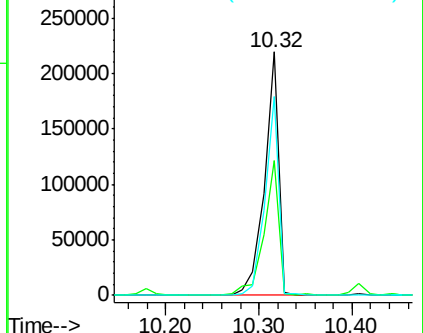
#61
4-Nitroaniline
Concen: 43.34 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 235373
Ion Ratio Lower Upper
138 100
92 55.3 36.4 76.4
108 81.7 59.6 99.6

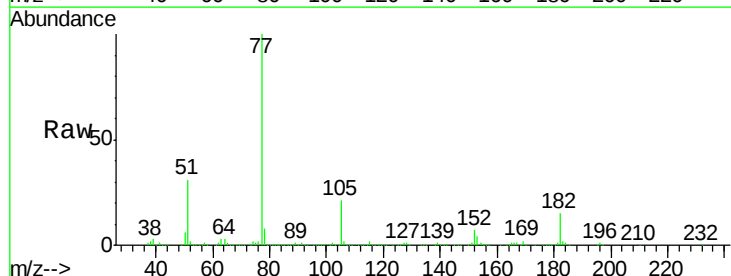


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

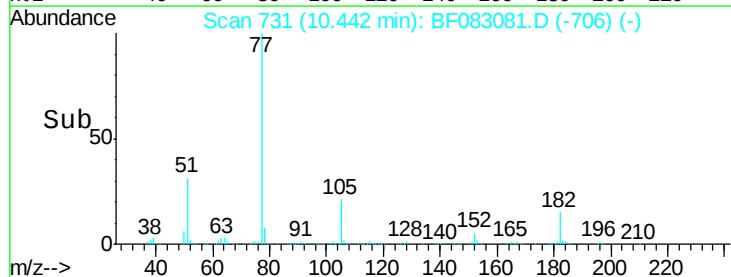
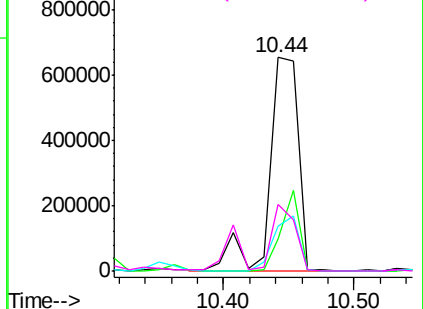


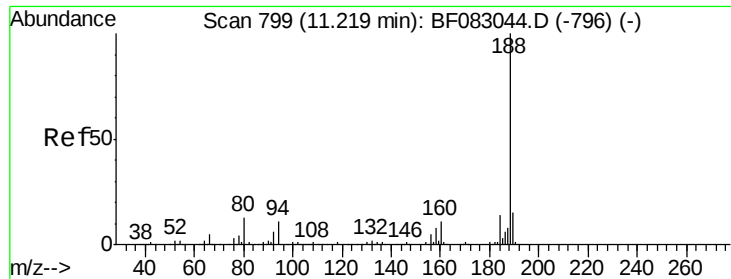
#62
Azobenzene
Concen: 43.07 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion: 77 Resp: 1017303
Ion Ratio Lower Upper
77 100
182 15.1 10.8 50.8
105 21.2 3.4 43.4
51 31.4 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

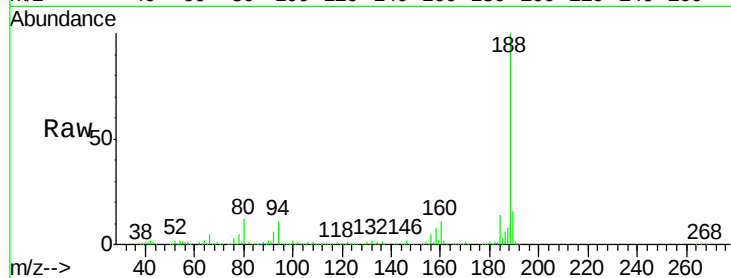




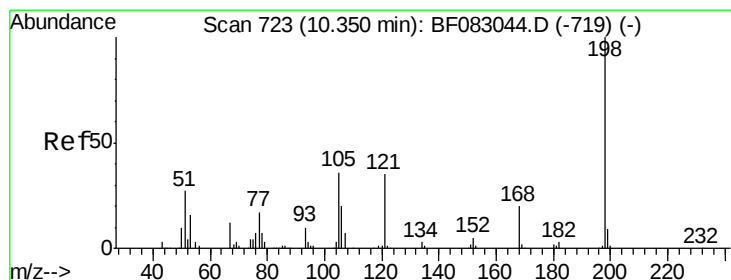
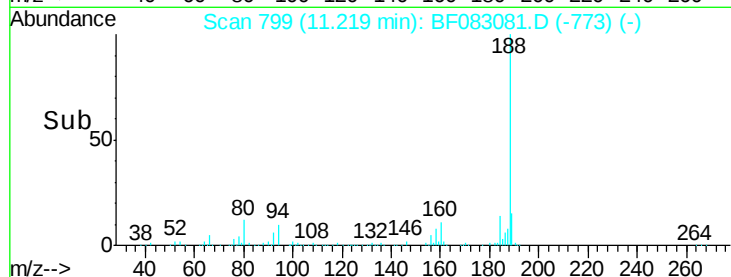
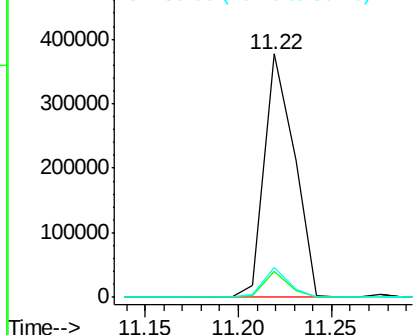
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 419579
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 12.4 10.2 15.4

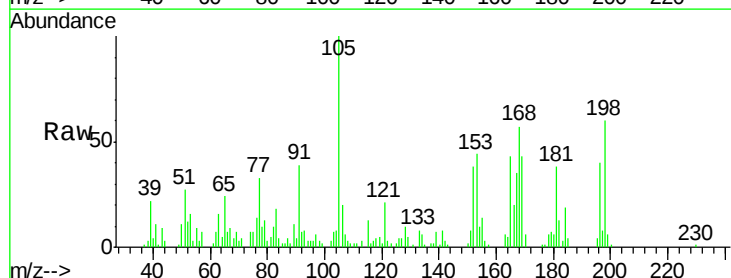


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

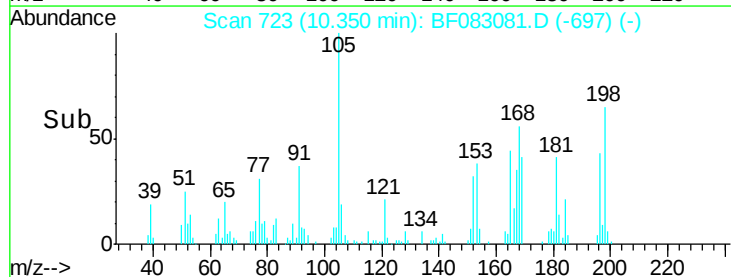
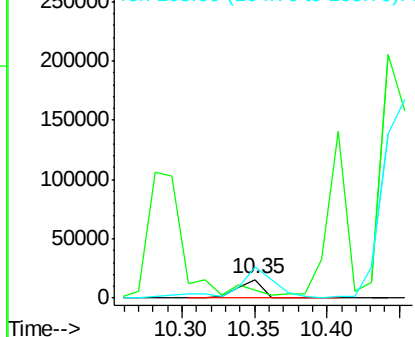


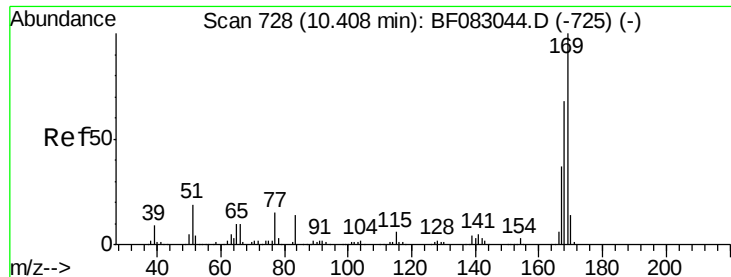
#64
4,6-Dinitro-2-methylphenol
Concen: 7.06 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:198 Resp: 18882
Ion Ratio Lower Upper
198 100
51 44.8 11.1 51.1
105 167.8 16.5 56.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.86 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

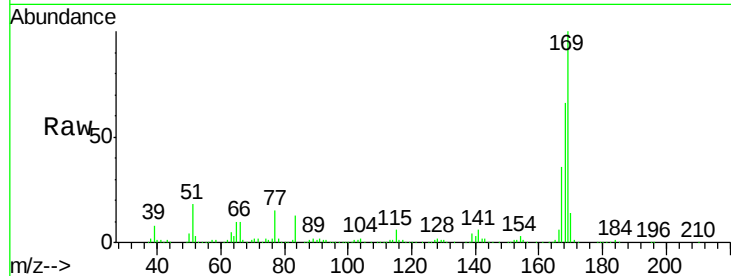
Tot Ion:169 Resp: 733078

Ion Ratio Lower Upper

169 100

168 66.5 54.2 81.2

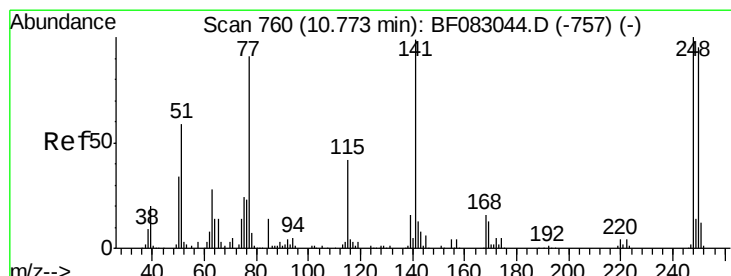
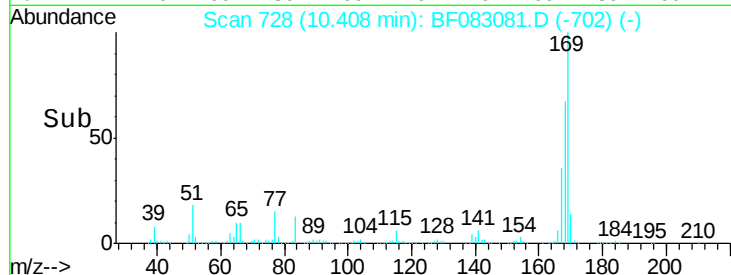
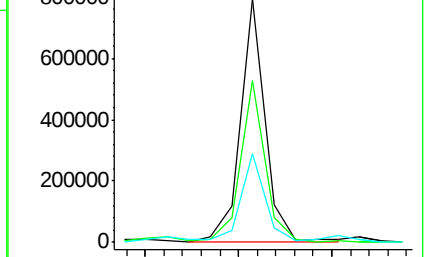
167 36.4 29.5 44.3



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: 45.69 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

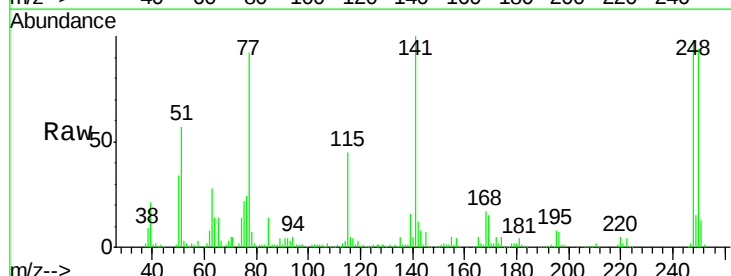
Tgt Ion:248 Resp: 222030

Ion Ratio Lower Upper

248 100

250 96.4 76.1 114.1

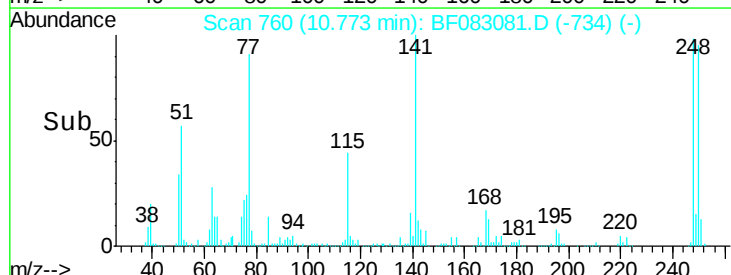
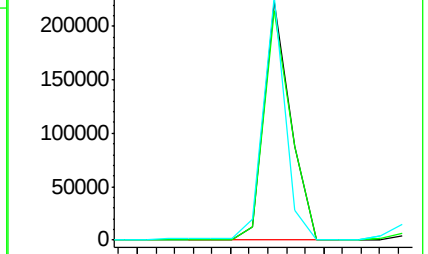
141 102.1 79.2 118.8

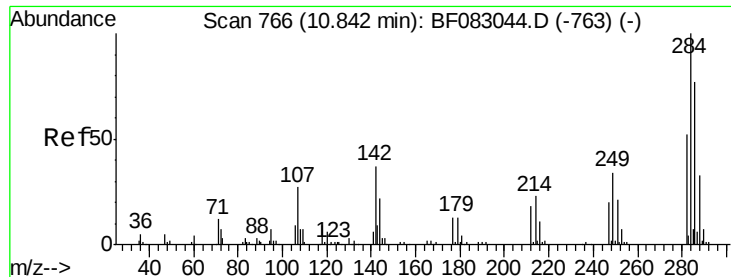


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

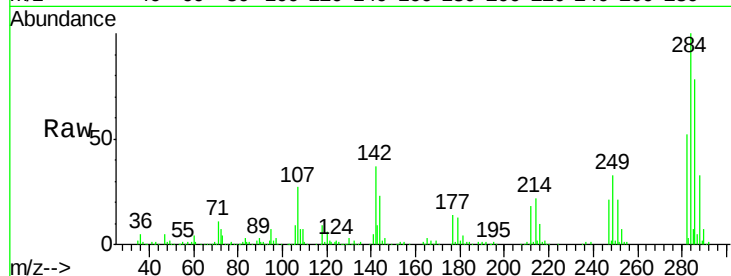




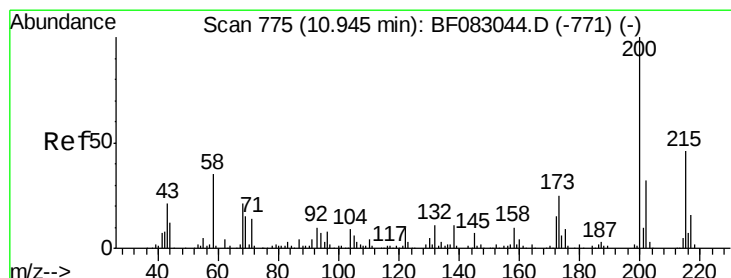
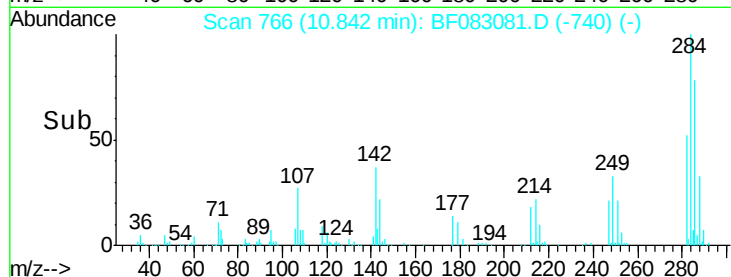
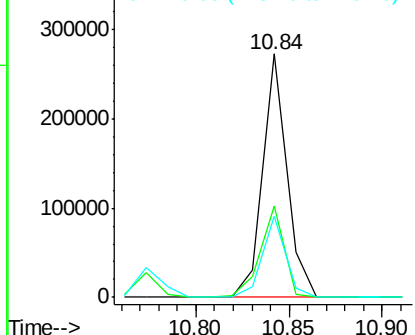
#67
Hexachlorobenzene
Concen: 45.82 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.4	29.5	44.3
249	33.3	27.2	40.8

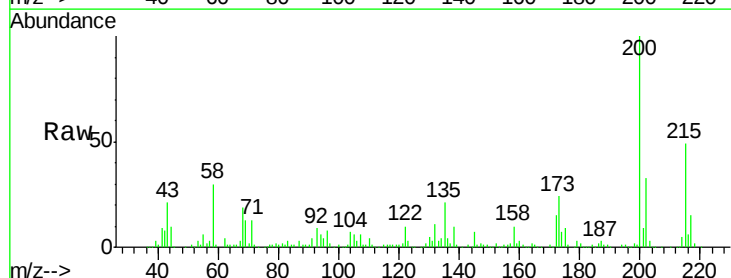


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

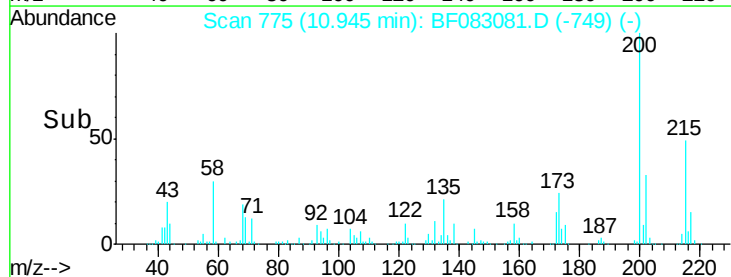
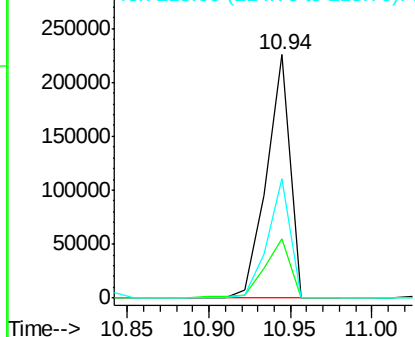


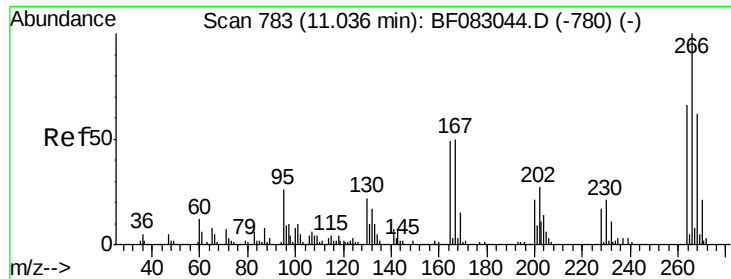
#68
Atrazine
Concen: 49.18 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.9	44.9
215	49.0	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

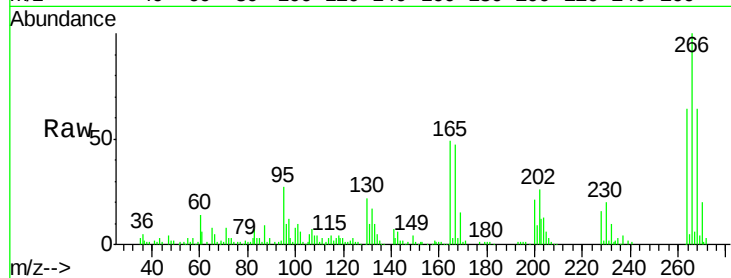




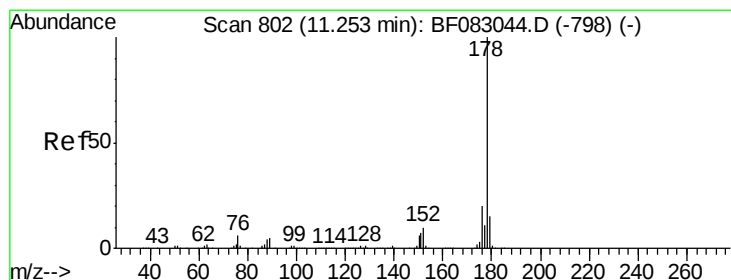
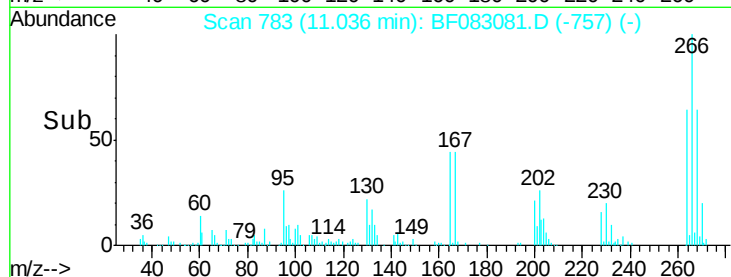
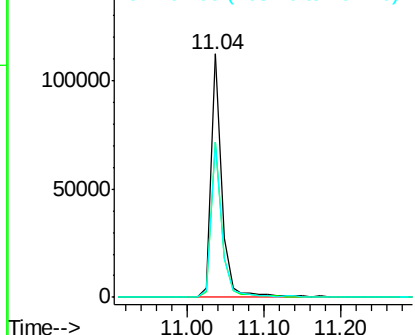
#69
 Pentachlorophenol
 Concen: 40.55 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 110003
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.6 74.4
 264 64.0 52.7 79.1

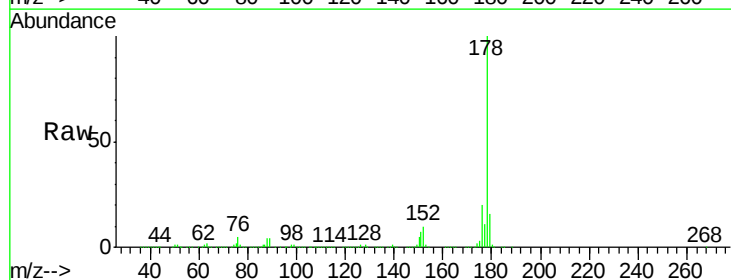


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

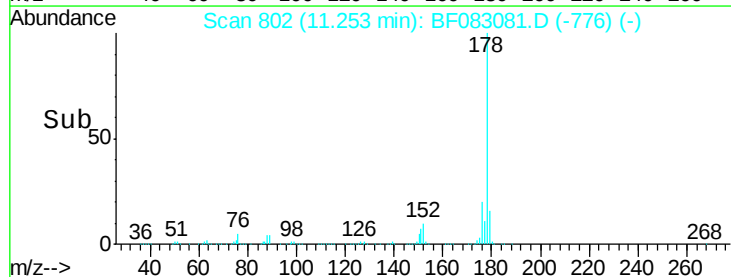
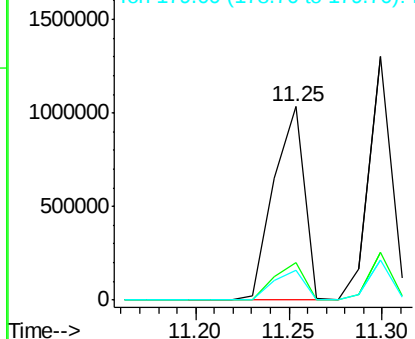


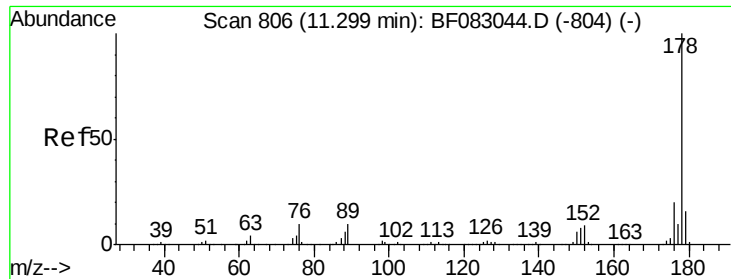
#70
 Phenanthrene
 Concen: 46.73 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:178 Resp: 1182954
 Ion Ratio Lower Upper
 178 100
 176 19.5 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

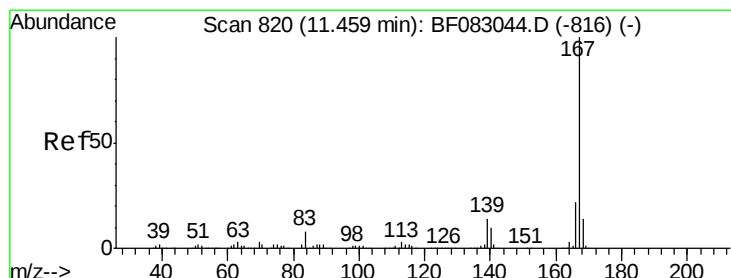
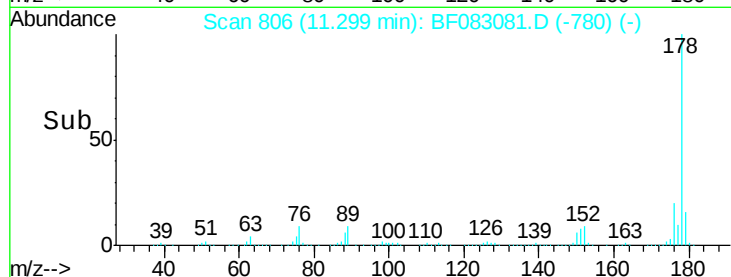
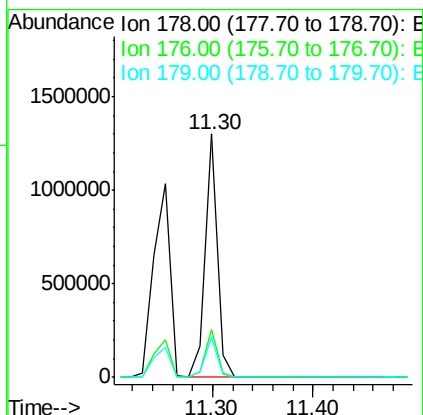
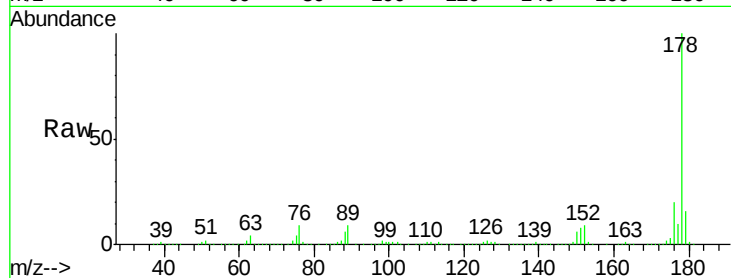




#71
 Anthracene
 Concen: 42.79 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

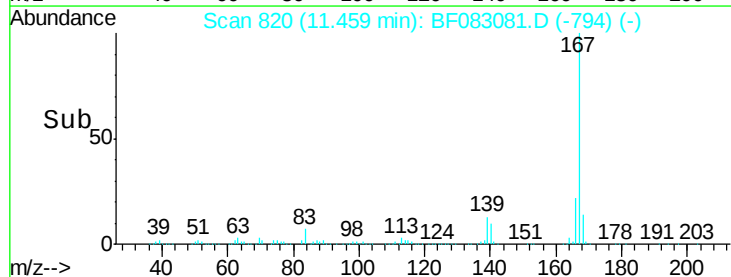
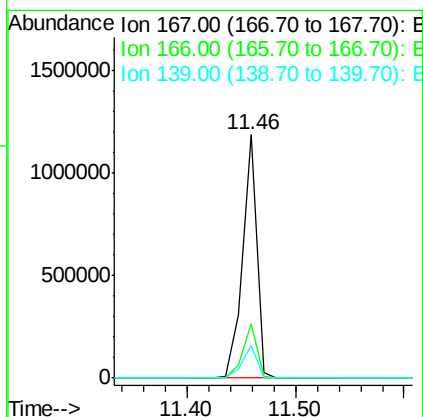
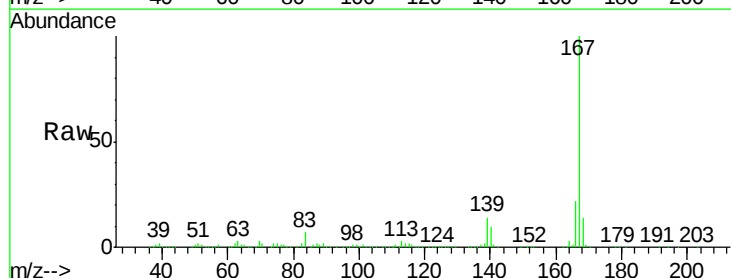
Instrument :
 BNA_F
 ClientSampleId :

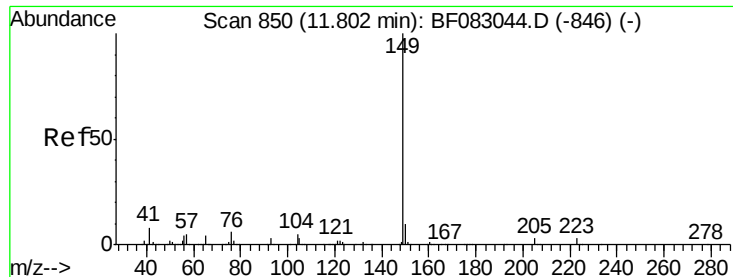
Tot Ion:178 Resp: 1091058
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.5 13.1 19.7



#72
 Carbazole
 Concen: 47.19 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:167 Resp: 1051938
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.6
 139 13.5 11.0 16.4





#73

Di-n-butylphthalate

Concen: 47.23 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

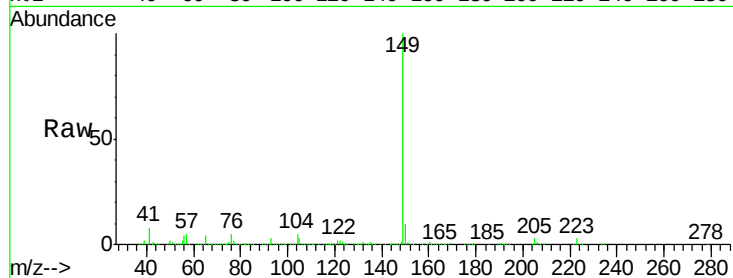
Tot Ion:149 Resp: 1327557

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

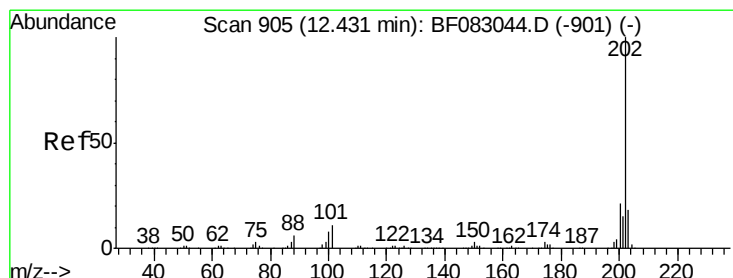
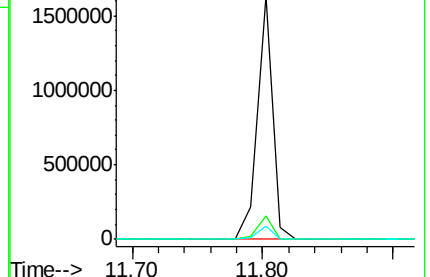
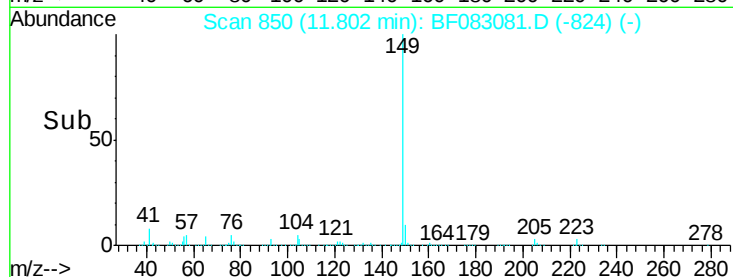
104 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.82 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

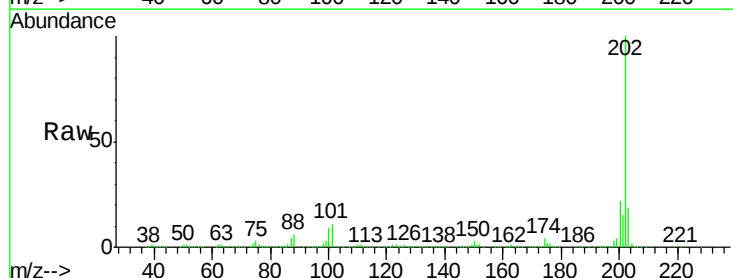
Tgt Ion:202 Resp: 1050444

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.1

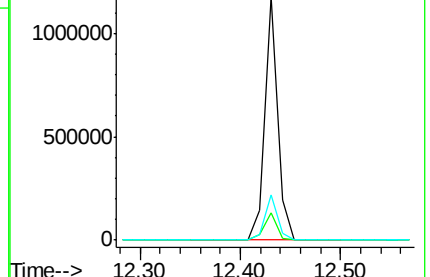
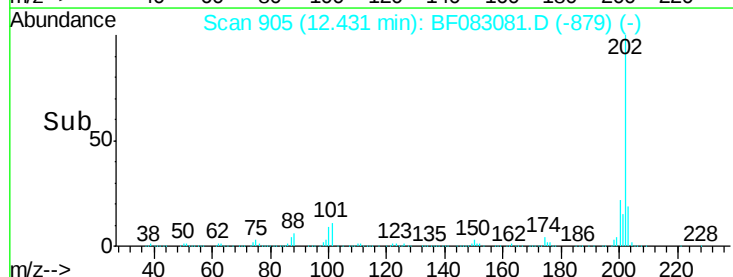
203 18.7 0.0 38.4

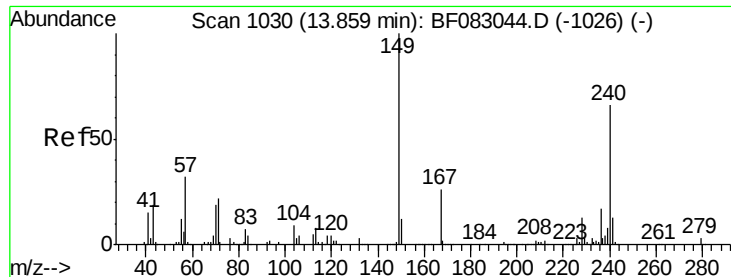


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

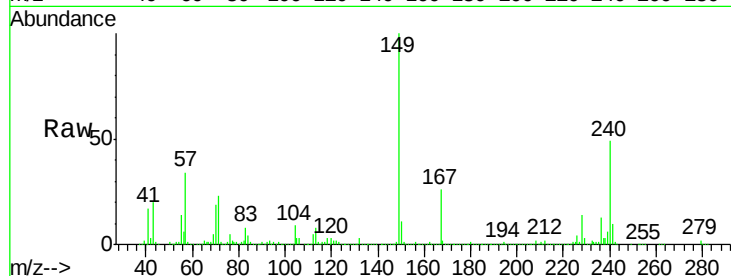
Tot Ion:240 Resp: 363866

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

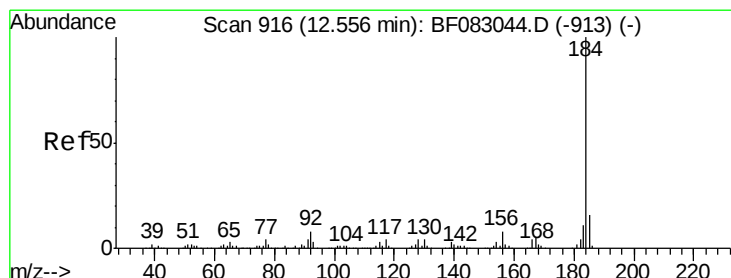
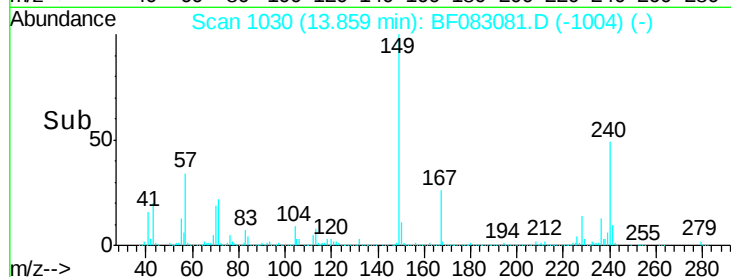
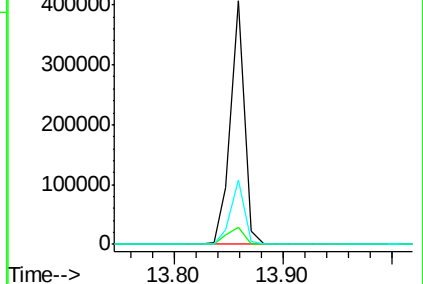
236 26.6 20.4 30.6



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: 28.48 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

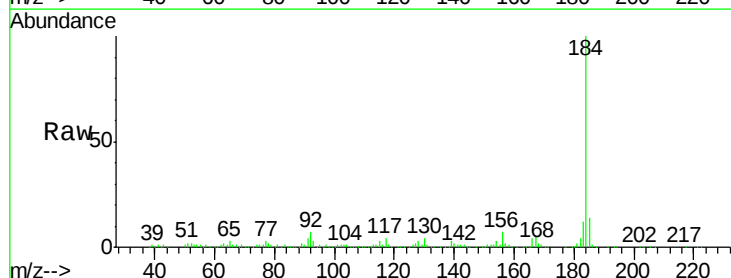
Tgt Ion:184 Resp: 339060

Ion Ratio Lower Upper

184 100

185 14.2 12.6 19.0

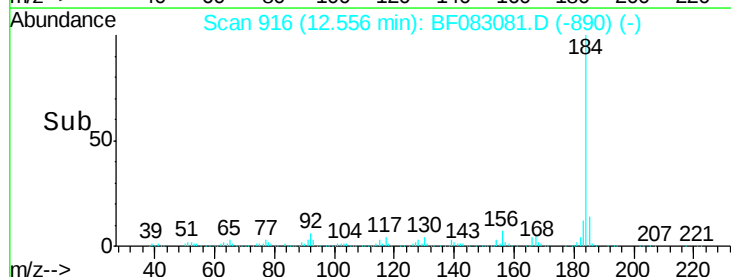
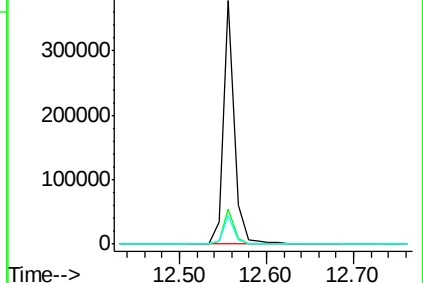
183 11.6 9.0 13.4

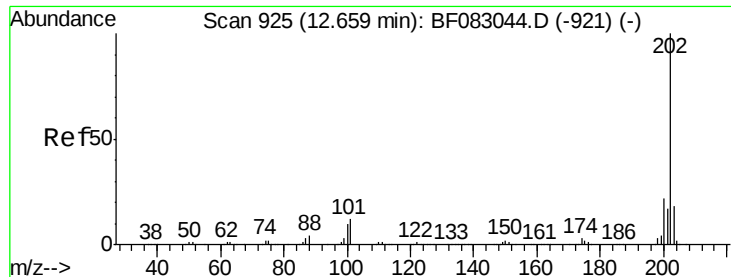


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

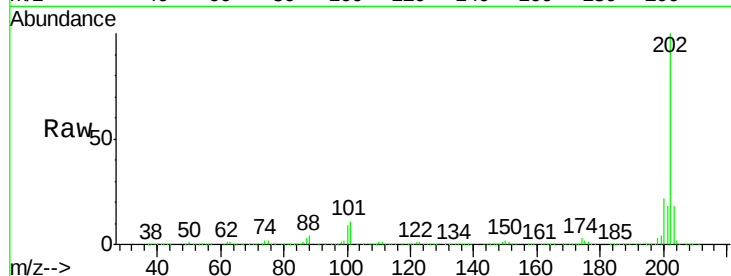




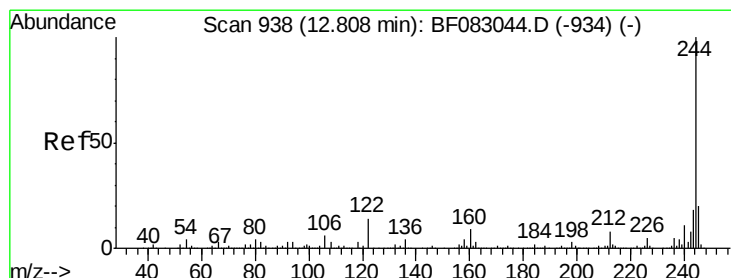
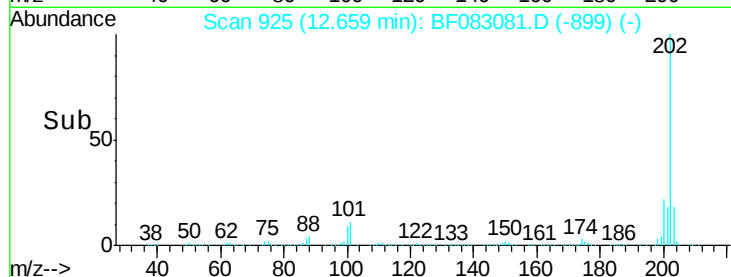
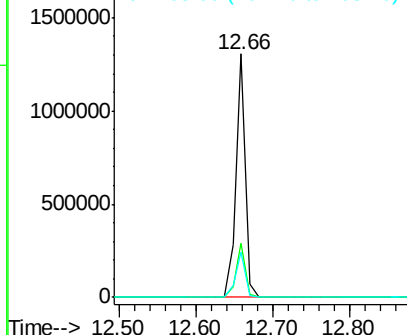
#77
Pvrene
Concen: 44.86 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1149091
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.4 14.6 22.0

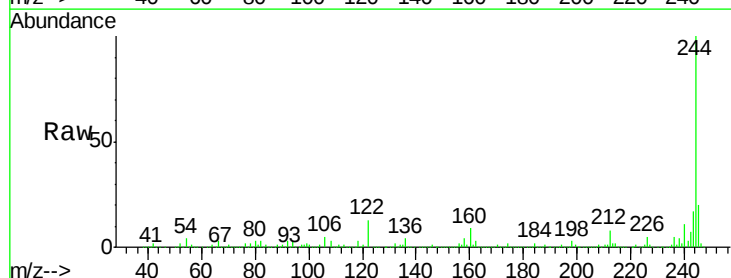


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

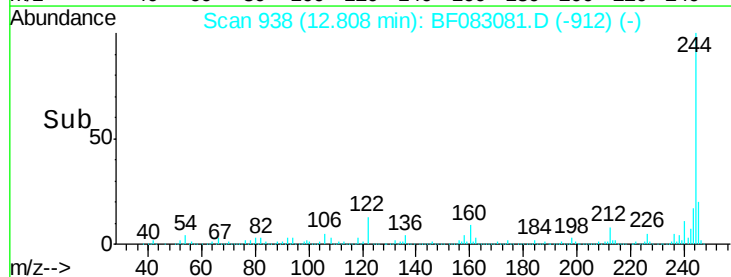
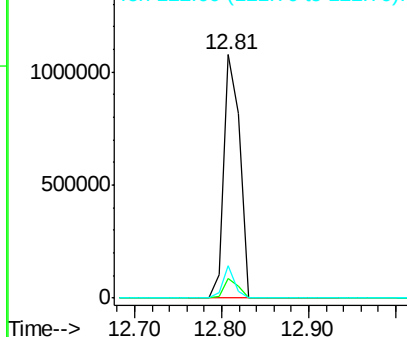


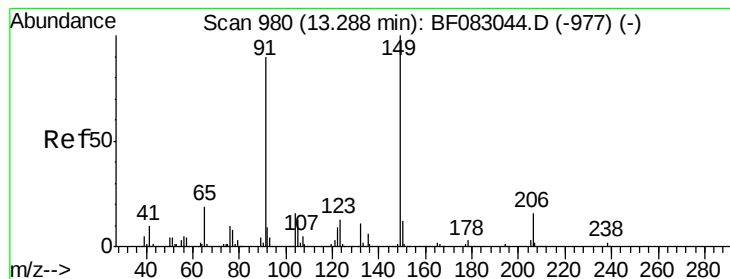
#78
Terphenyl-d14
Concen: 89.30 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:244 Resp: 1376405
Ion Ratio Lower Upper
244 100
212 8.2 6.4 9.6
122 13.4 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: 43.90 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF083081.D

Acq: 20 Nov 2015 14:55

Instrument :

BNA_F

ClientSampleId :

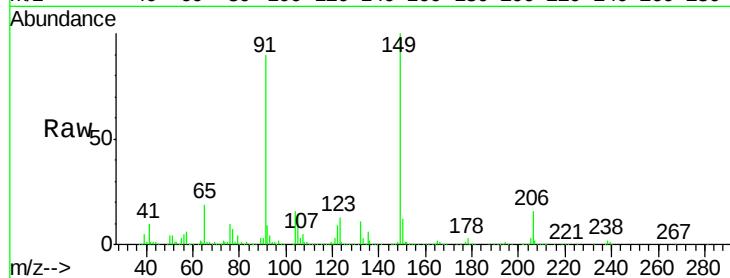
Tot Ion:149 Resp: 496967

Ion Ratio Lower Upper

149 100

91 90.4 71.9 107.9

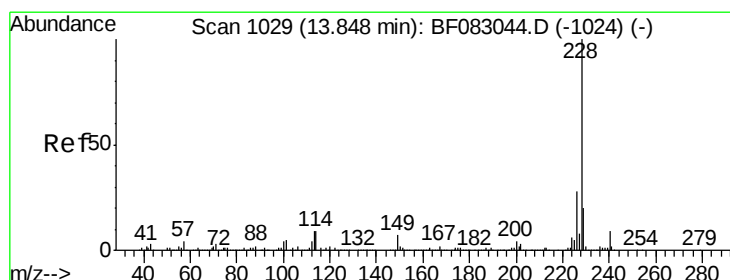
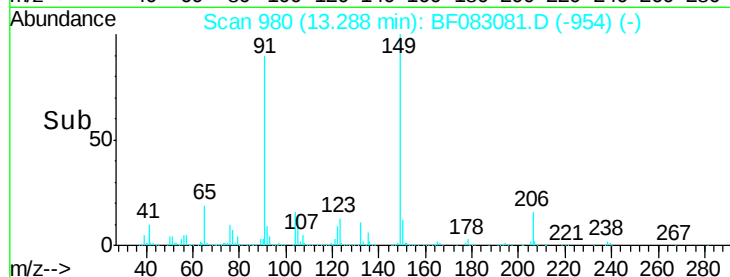
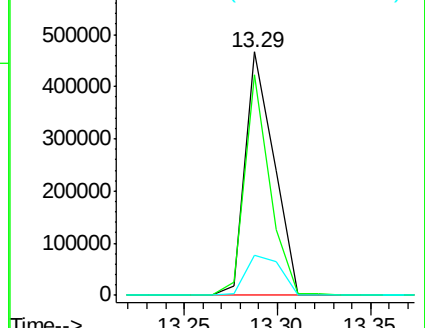
206 16.2 13.1 19.7



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: BF083081.D

Acq: 20 Nov 2015 14:55

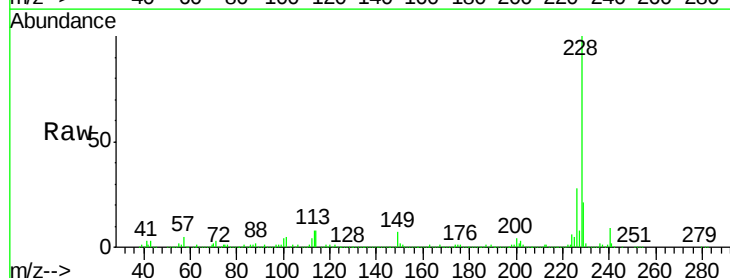
Tgt Ion:228 Resp: 1102054

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

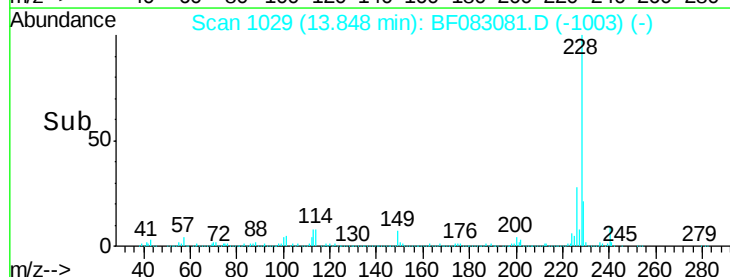
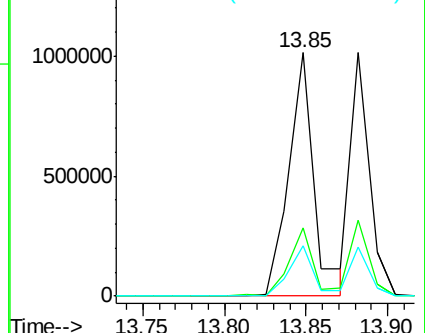
229 20.9 16.1 24.1

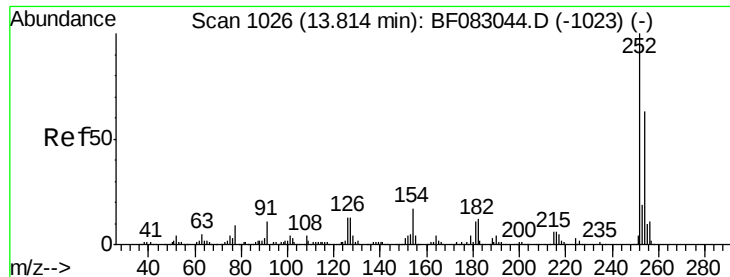


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

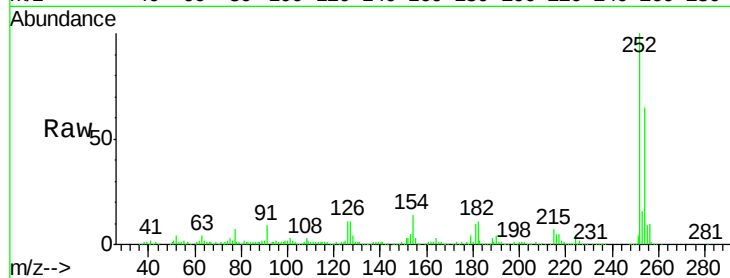




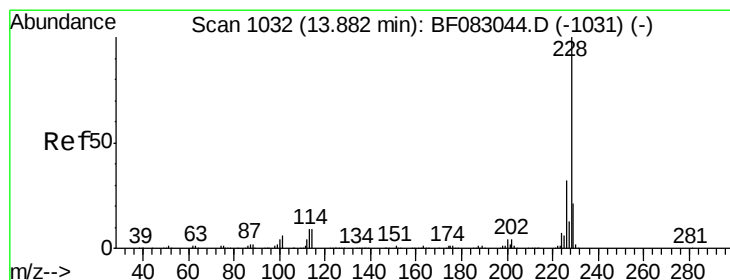
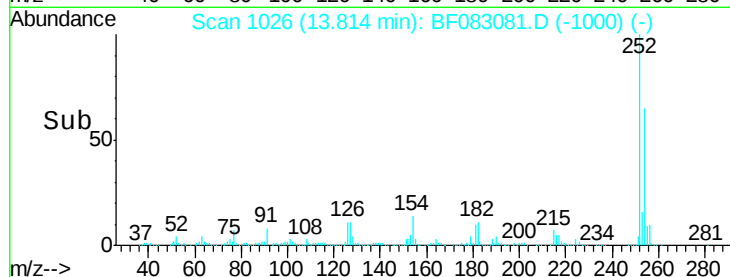
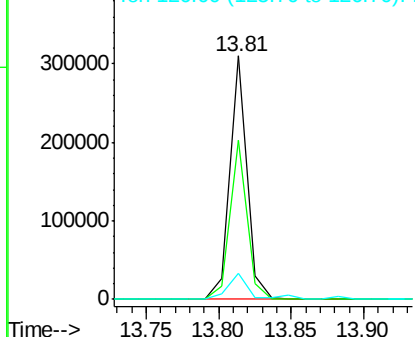
#81
 3,3'-Dichlorobenzidine
 Concen: 32.82 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	76.0
126	10.6	10.2	15.4

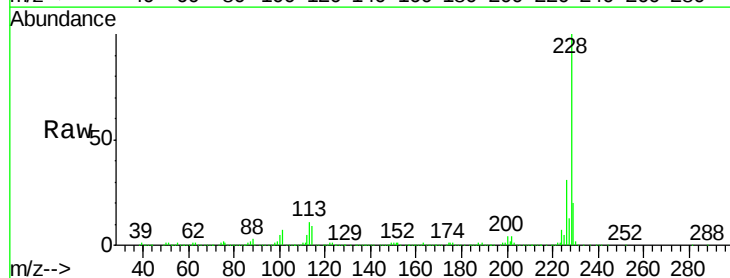


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

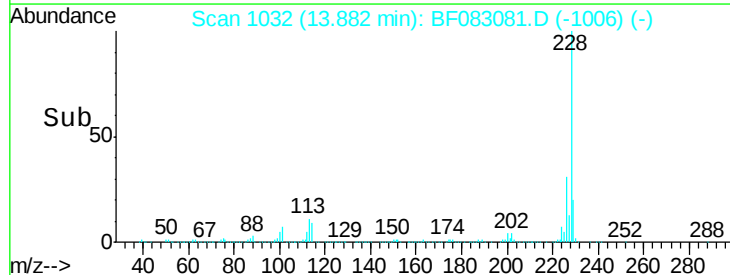
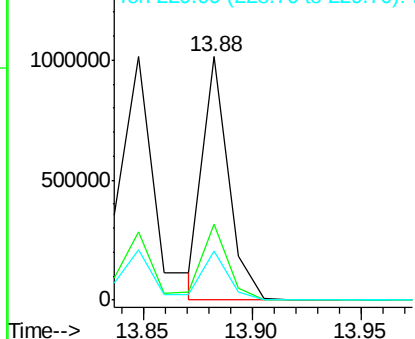


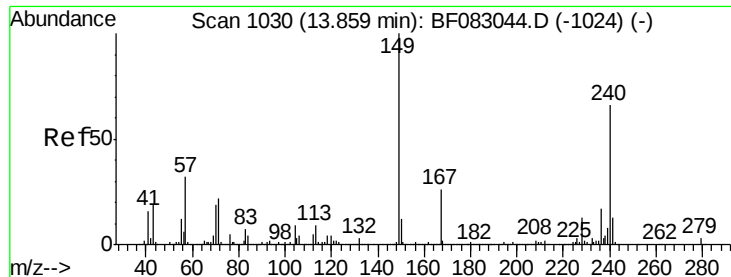
#82
 Chrysene
 Concen: 38.98 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.3	37.9
229	20.1	16.4	24.6



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

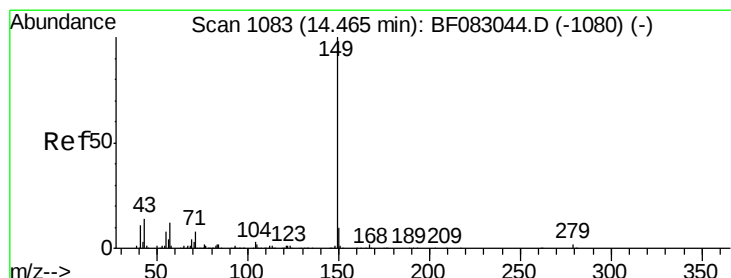
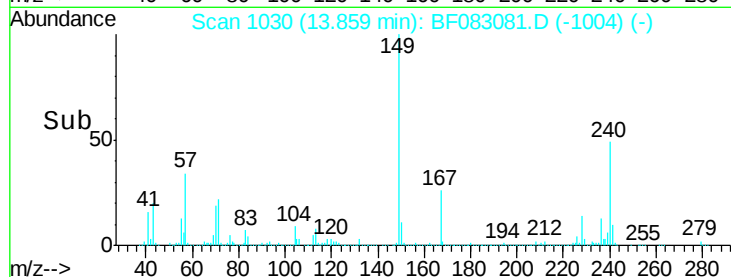
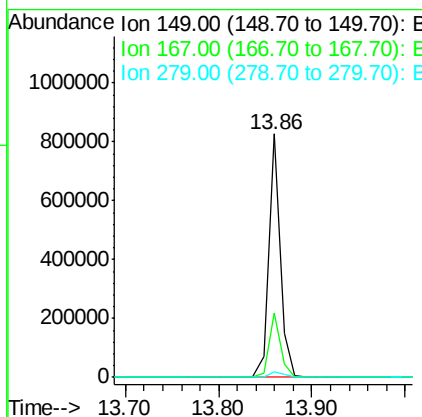
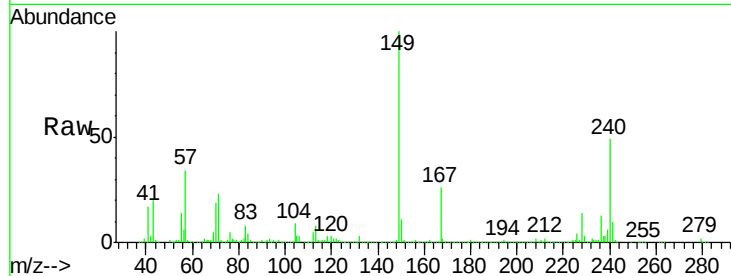




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.92 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

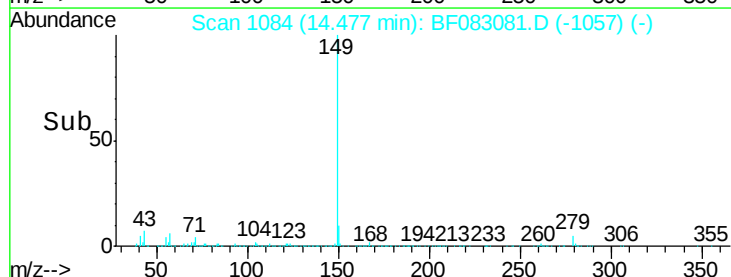
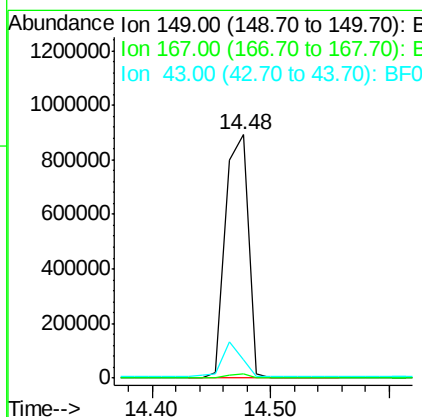
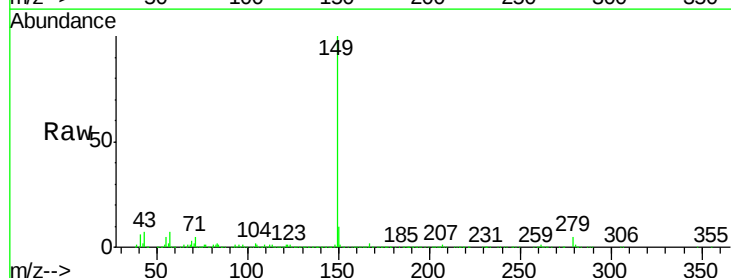
Instrument :
 BNA_F
 ClientSampled :

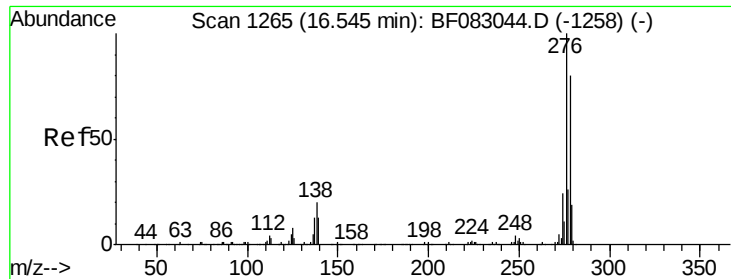
Tot Ion:149 Resp: 724071
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.9 31.3
 279 2.3 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 49.13 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion:149 Resp: 1184577
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.8 8.8 13.2

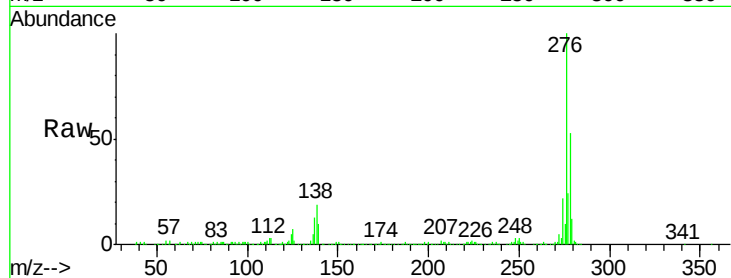




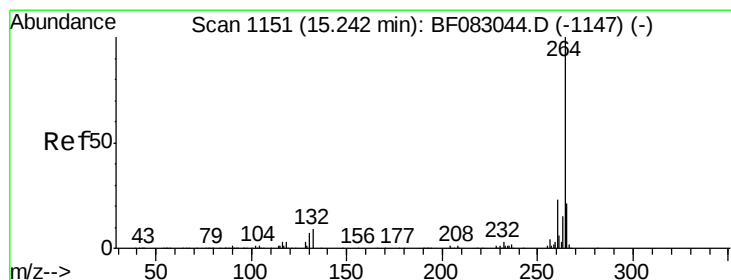
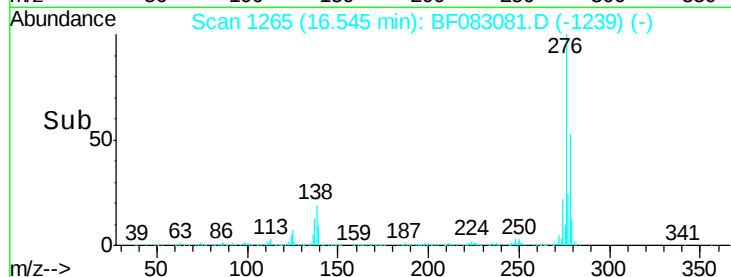
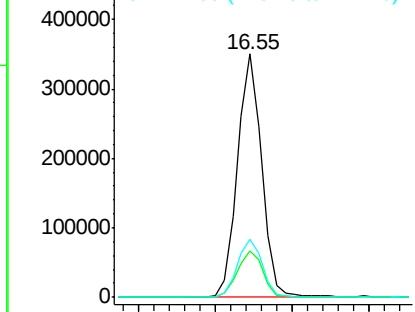
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.85 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :

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

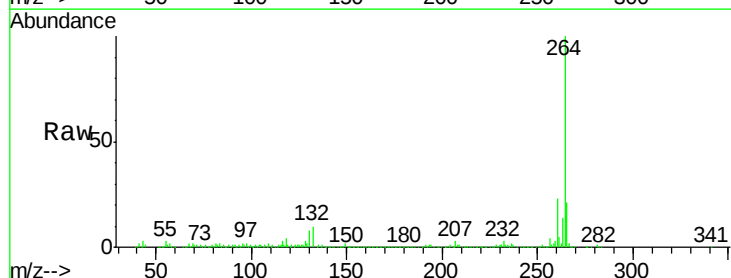


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

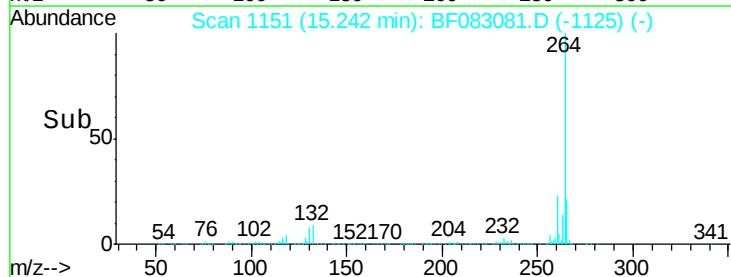
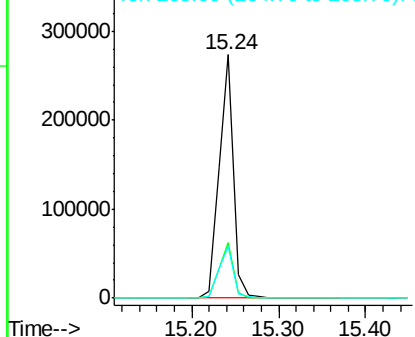


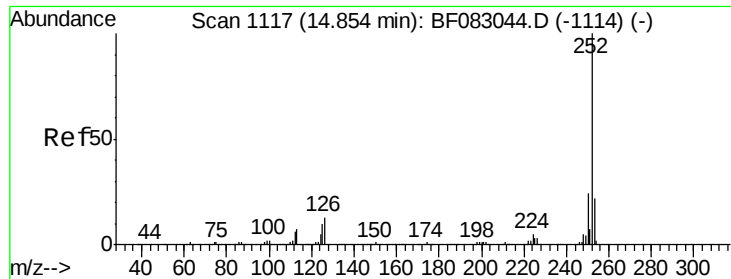
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.0	17.0	25.6



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

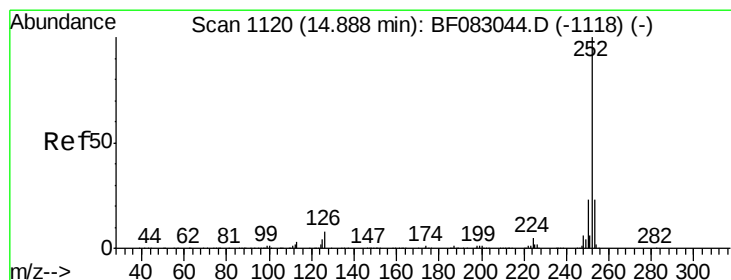
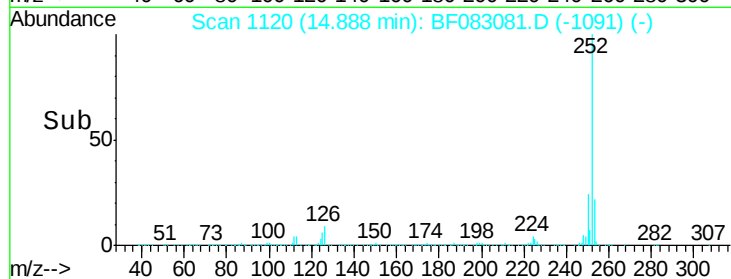
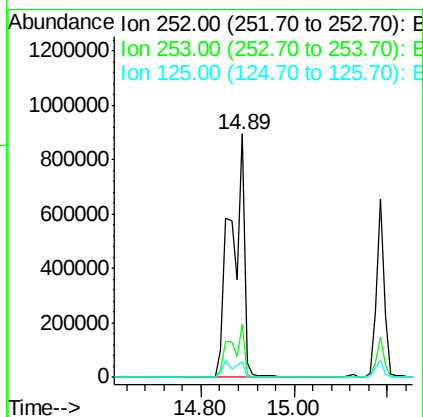
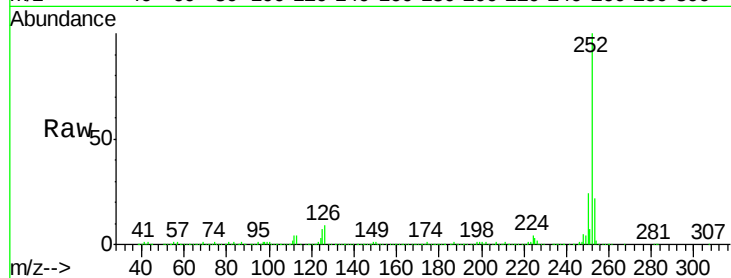




#87
Benzo(b)fluoranthene
Concen: 80.33 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.03 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

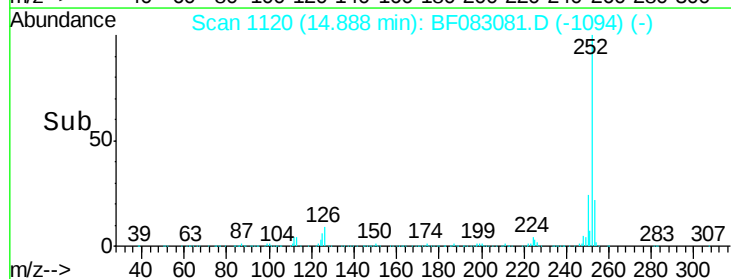
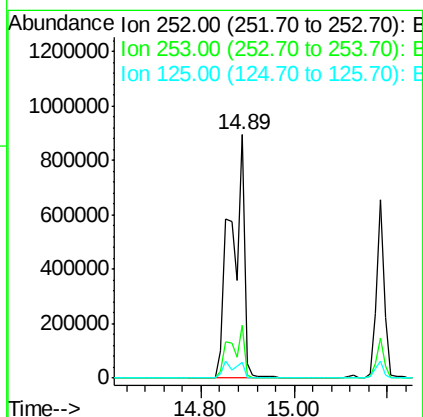
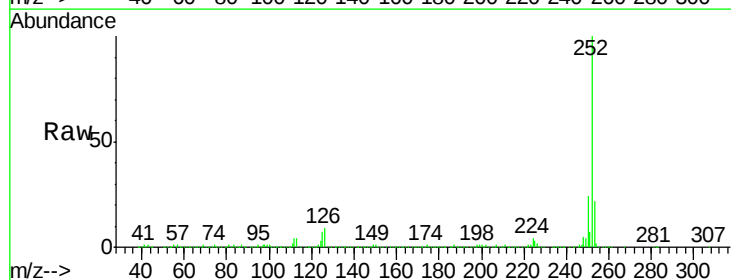
Instrument :
BNA_F
ClientSampleId :

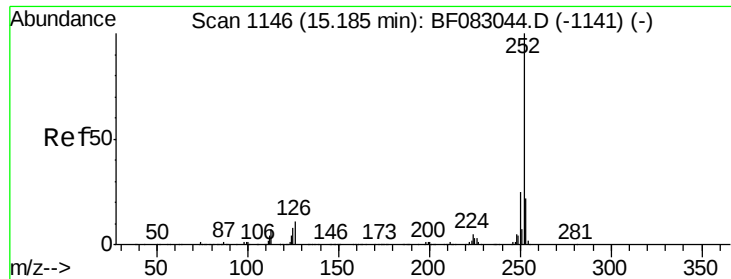
Tot Ion:252 Resp: 1790734
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 6.6 7.7 11.5#



#88
Benzo(k)fluoranthene
Concen: 105.46 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:252 Resp: 1790734
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 6.6 3.8 5.6#

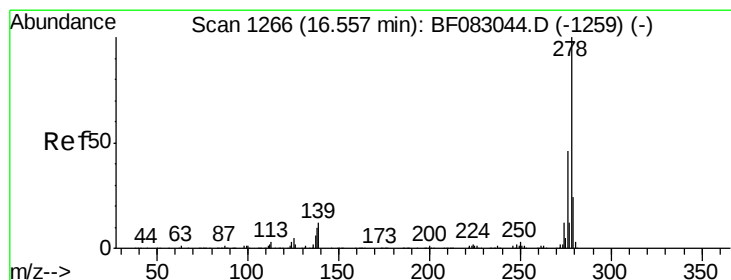
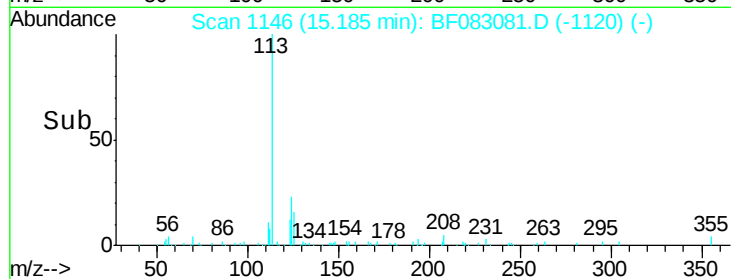
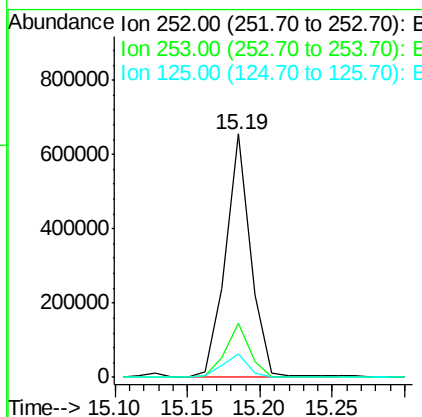
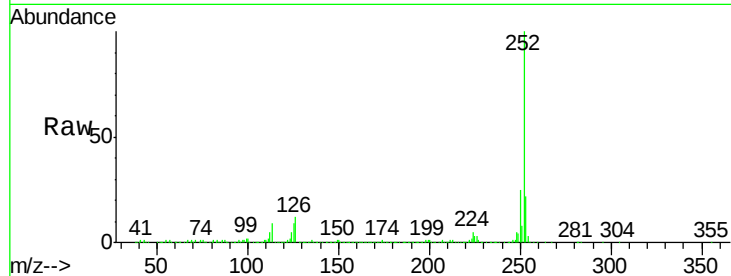




#89
Benzo(a)pyrene
Concen: 44.29 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

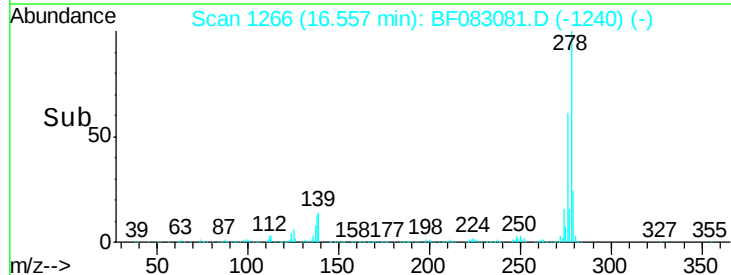
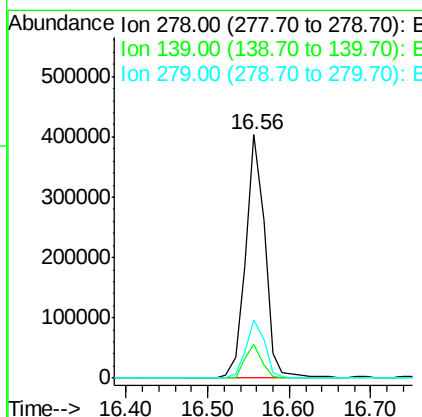
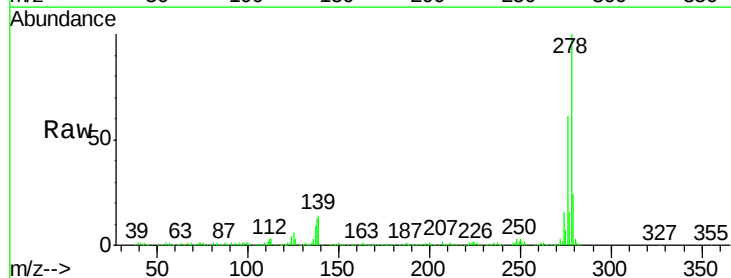
Instrument :
BNA_F
ClientSampleId :

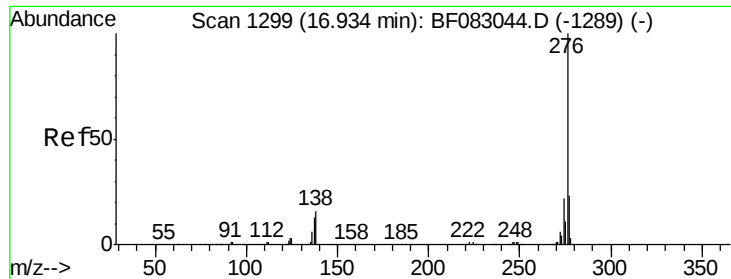
Tot Ion:252 Resp: 792176
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.4 6.4 9.6



#90
Dibenzo(a,h)anthracene
Concen: 42.36 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF083081.D
Acq: 20 Nov 2015 14:55

Tgt Ion:278 Resp: 659346
Ion Ratio Lower Upper
278 100
139 13.7 9.8 14.8
279 24.0 19.6 29.4

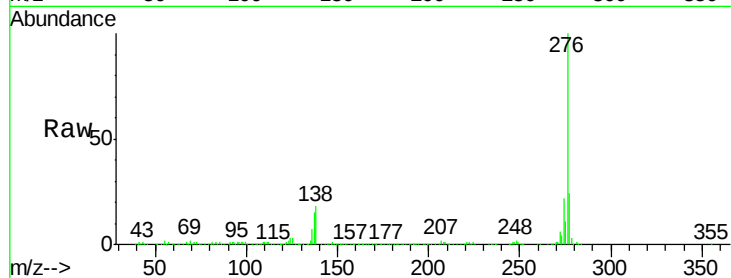




#91
 Benzo(a,h,i)perylene
 Concen: 40.55 ng
 RT: 16.93 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF083081.D
 Acq: 20 Nov 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	17.6	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

