

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081284.D
 Acq On : 29 Aug 2015 21:57
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:09:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	66782	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	264469	20.00	ng	-0.06
38) Acenaphthene-d10	9.52	164	126441	20.00	ng	-0.06
63) Phenanthrene-d10	10.98	188	232873	20.00	ng	-0.06
75) Chrysene-d12	13.60	240	192525	20.00	ng	-0.06
86) Perylene-d12	14.92	264	127351	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	359728	81.02	ng	-0.06
7) Phenol-d6	6.15	99	448156	77.36	ng	-0.05
23) Nitrobenzene-d5	7.06	82	428926	74.09	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	82262	75.05	ng	-0.05
44) 2-Fluorobiphenyl	8.86	172	684497	70.93	ng	-0.05
78) Terphenyl-d14	12.57	244	722767	80.48	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.85	88	83396	39.86	ng	# 89
3) Pyridine	2.45	79	260788	44.16	ng	# 77
4) n-Nitrosodimethylamine	2.41	42	127890	38.90	ng	# 75
6) Aniline	6.15	93	320506	38.05	ng	# 74
8) 2-Chlorophenol	6.26	128	188074	38.70	ng	94
9) Benzaldehyde	6.02	77	151019	40.44	ng	97
10) Phenol	6.16	94	286375	41.86	ng	# 77
11) bis(2-Chloroethyl)ether	6.24	93	218277	41.58	ng	96
12) 1,3-Dichlorobenzene	6.42	146	215664	41.30	ng	97
13) 1,4-Dichlorobenzene	6.50	146	219475	42.45	ng	99
14) 1,2-Dichlorobenzene	6.65	146	163866	33.86	ng	97
15) Benzyl Alcohol	6.65	79	195573	41.73	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	6.79	45	397045	38.49	ng	97
17) 2-Methylphenol	6.78	107	172124	41.28	ng	98
18) Hexachloroethane	6.99	117	84310	40.35	ng	98
19) n-Nitroso-di-n-propylamine	6.93	70	155085	38.65	ng	89
20) 3+4-Methylphenols	6.94	107	220206	41.61	ng	# 41
22) Acetophenone	6.91	105	284715	41.01	ng	# 84
24) Nitrobenzene	7.09	77	265959	43.94	ng	95
25) Isophorone	7.33	82	433973	40.20	ng	98
26) 2-Nitrophenol	7.39	139	94047	37.36	ng	88
27) 2,4-Dimethylphenol	7.45	122	171499	38.51	ng	96
28) bis(2-Chloroethoxy)methane	7.55	93	257331	40.35	ng	# 97
29) 2,4-Dichlorophenol	7.65	162	155204	41.39	ng	92
30) 1,2,4-Trichlorobenzene	7.71	180	162237	38.93	ng	96
31) Naphthalene	7.79	128	538851	36.55	ng	99
32) Benzoic acid	7.68	122	6835	2.73	ng	95
33) 4-Chloroaniline	7.86	127	246784	39.67	ng	# 82
34) Hexachlorobutadiene	7.92	225	96142	40.80	ng	98
35) Caprolactam	8.26	113	54879	41.88	ng	# 46
36) 4-Chloro-3-methylphenol	8.35	107	166977	37.37	ng	98
37) 2-Methylnaphthalene	8.48	142	357120	38.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	145516	35.67	ng	# 97
40) Hexachlorocyclopentadiene	8.64	237	79826	37.81	ng	98

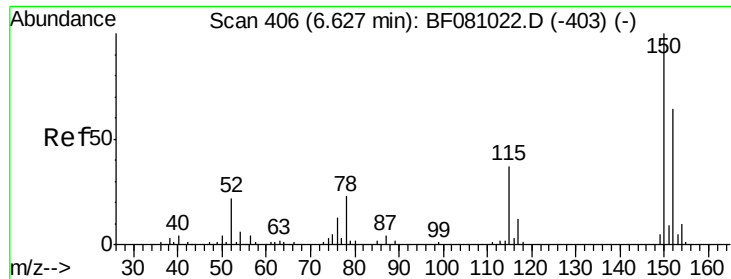
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	106243	36.86	nq	95
43) 2,4,5-Trichlorophenol	8.81	196	110281	38.29	nq #	90
45) 1,1'-Biphenyl	8.95	154	373976	33.58	nq	95
46) 2-Chloronaphthalene	8.97	162	327951	36.65	nq	94
47) 2-Nitroaniline	9.07	65	127111	34.72	nq	96
48) Acenaphthylene	9.38	152	591318	36.94	nq	99
49) Dimethylphthalate	9.27	163	348830	33.50	nq	99
50) 2,6-Dinitrotoluene	9.33	165	82705	36.99	nq #	79
51) Acenaphthene	9.55	154	345216	36.03	nq	100
52) 3-Nitroaniline	9.49	138	98844	35.33	nq	100
53) 2,4-Dinitrophenol	9.60	184	40227	37.54	nq #	61
54) Dibenzofuran	9.73	168	474453	36.95	nq	99
55) 4-Nitrophenol	9.67	139	69662	35.45	nq #	74
56) 2,4-Dinitrotoluene	9.73	165	114450	38.62	nq #	85
57) Fluorene	10.06	166	318198	32.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	79436	35.63	nq	97
59) Diethylphthalate	9.97	149	434519	39.42	nq	95
60) 4-Chlorophenyl-phenylether	10.06	204	148302	35.48	nq	95
61) 4-Nitroaniline	10.10	138	99109	34.66	nq	92
62) Azobenzene	10.22	77	435849	34.32	nq	96
64) 4,6-Dinitro-2-methylphenol	10.14	198	58486	42.05	nq #	49
65) n-Nitrosodiphenylamine	10.18	169	293270	35.28	nq	100
66) 4-Bromophenyl-phenylether	10.55	248	98007	42.84	nq #	94
67) Hexachlorobenzene	10.61	284	102010	44.03	nq	93
68) Atrazine	10.72	200	85278	36.82	nq	98
69) Pentachlorophenol	10.80	266	19771	14.22	nq	97
70) Phenanthrene	11.01	178	471763	34.18	nq	99
71) Anthracene	11.06	178	557160	41.49	nq	100
72) Carbazole	11.22	167	515143	39.84	nq	99
73) Di-n-butylphthalate	11.57	149	625922	40.01	nq	98
74) Fluoranthene	12.18	202	546863	36.72	nq	93
76) Benzidine	12.32	184	302377	41.58	nq	99
77) Pyrene	12.41	202	606379	38.74	nq	99
79) Butylbenzylphthalate	13.05	149	291152	43.28	nq #	81
80) Benzo(a)anthracene	13.59	228	489396	37.90	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	154747	37.00	nq	97
82) Chrysene	13.62	228	350638	30.13	nq	100
83) Bis(2-ethylhexyl)phthalate	13.61	149	357924	41.54	nq #	96
84) Di-n-octyl phthalate	14.22	149	611296	46.67	nq	98
85) Indeno(1,2,3-cd)pyrene	16.07	276	314992	38.56	nq #	94
87) Benzo(b)fluoranthene	14.61	252	733496	81.43	nq	98
88) Benzo(k)fluoranthene	14.61	252	733496	87.39	nq #	96
89) Benzo(a)pyrene	14.87	252	311752	39.72	nq #	95
90) Dibenzo(a,h)anthracene	16.08	278	260723	42.63	nq #	96
91) Benzo(g,h,i)perylene	16.41	276	262135	42.25	nq	96

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

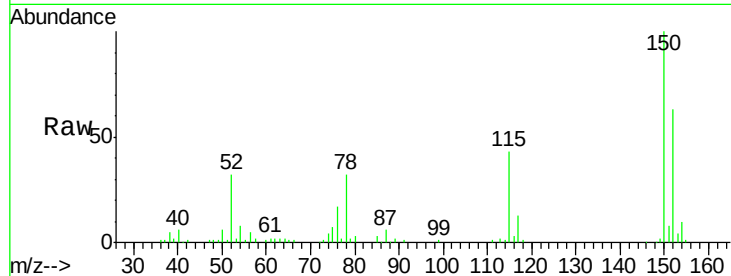


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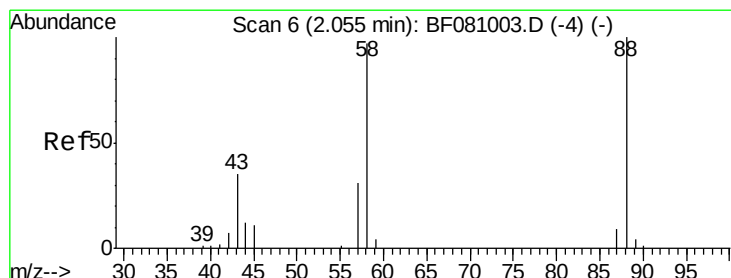
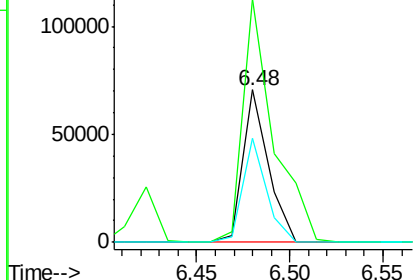
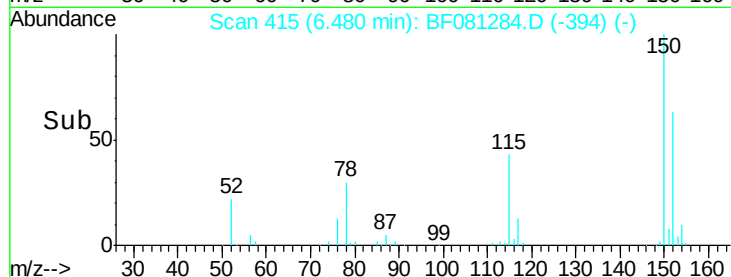
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 66782
Ion Ratio Lower Upper
152 100
150 159.8 123.8 185.6
115 68.7 52.1 78.1



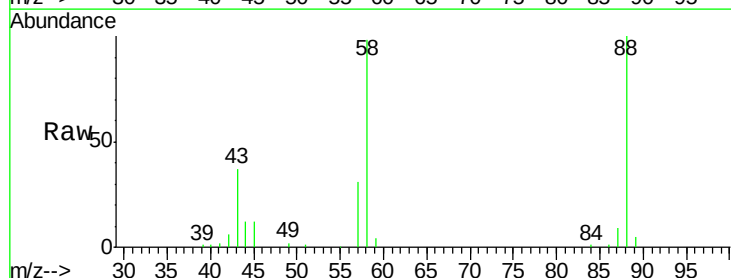
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



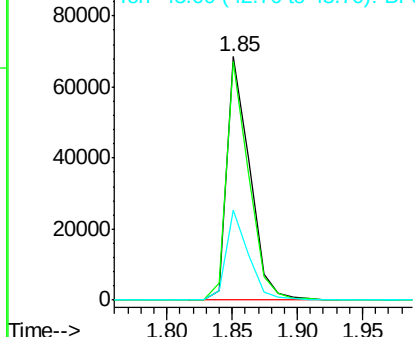
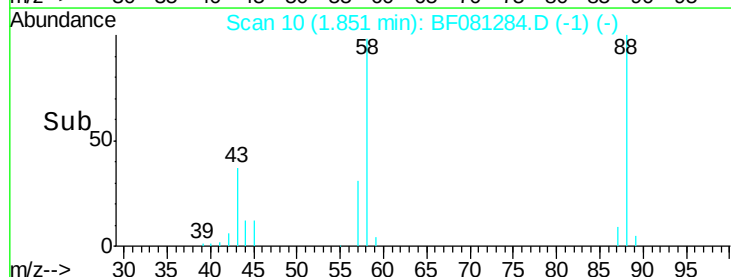
#2

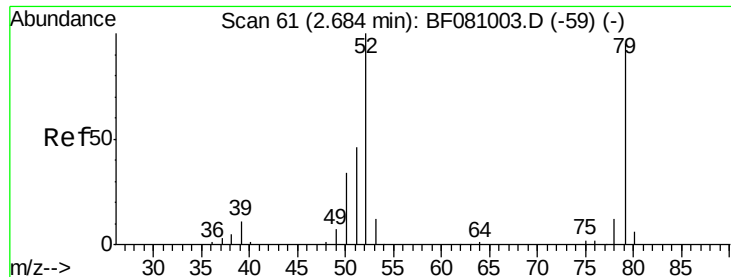
1,4-Dioxane
Concen: 39.86 ng
RT: 1.85 min Scan# 10
Delta R.T. -0.08 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Tgt Ion: 88 Resp: 83396
Ion Ratio Lower Upper
88 100
58 96.3 83.7 125.5
43 36.2 37.5 56.3#



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

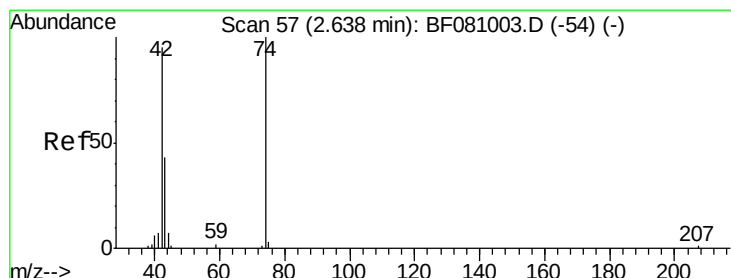
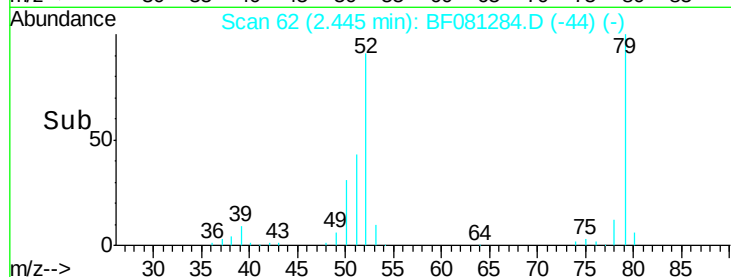
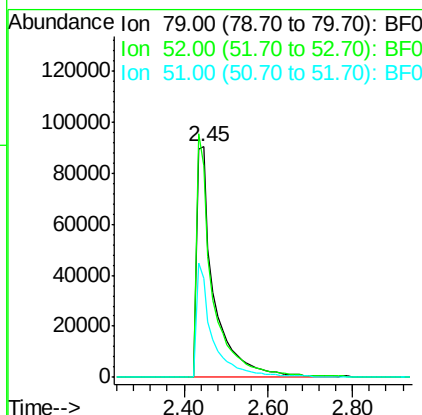
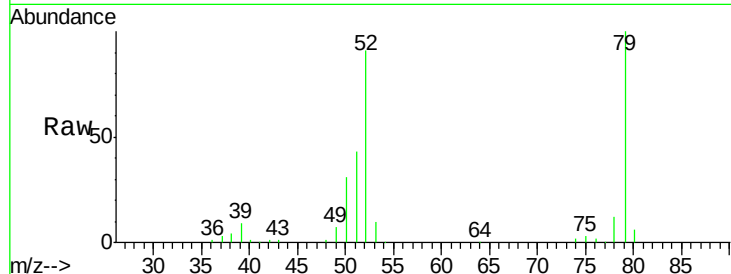




#3
 Pvrindine
 Concen: 44.16 ng
 RT: 2.45 min Scan# 62
 Delta R.T. -0.09 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

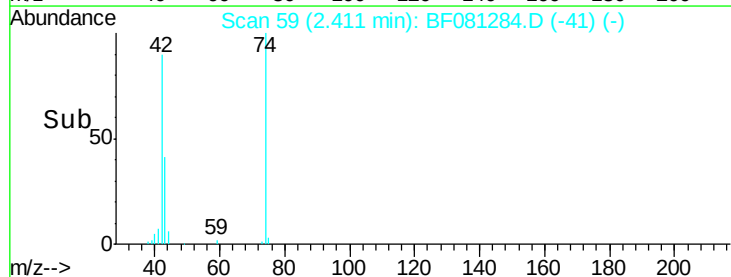
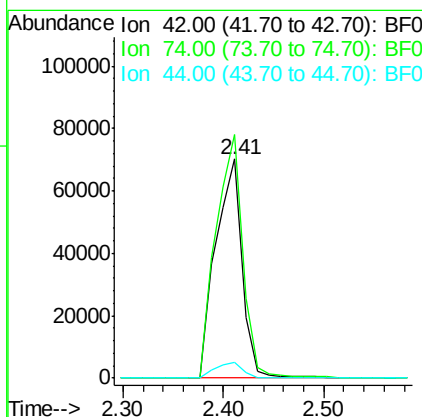
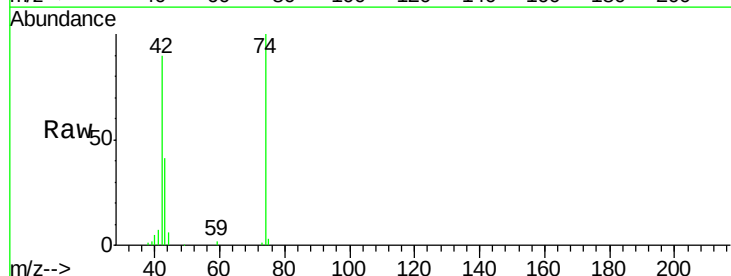
Instrument :
 BNA_F
 ClientSampleId :

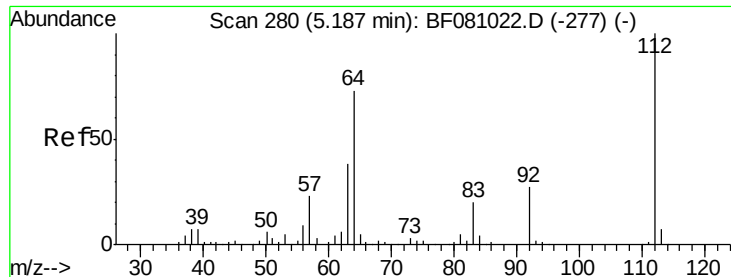
Tot Ion: 79 Resp: 260788
 Ion Ratio Lower Upper
 79 100
 52 91.5 95.1 142.7#
 51 42.9 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 38.90 ng
 RT: 2.41 min Scan# 59
 Delta R.T. -0.09 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion: 42 Resp: 127890
 Ion Ratio Lower Upper
 42 100
 74 111.3 69.3 103.9#
 44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 81.02 ng

RT: 5.04 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

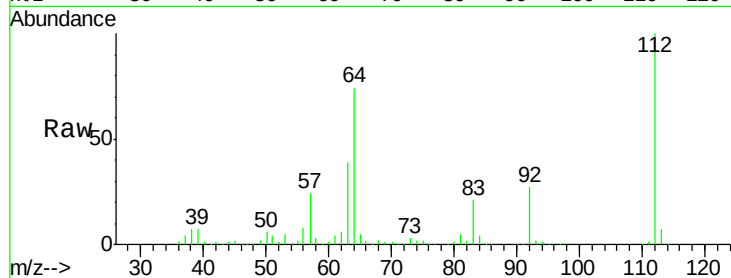
Tot Ion:112 Resp: 359728

Ion Ratio Lower Upper

112 100

64 73.7 66.9 100.3

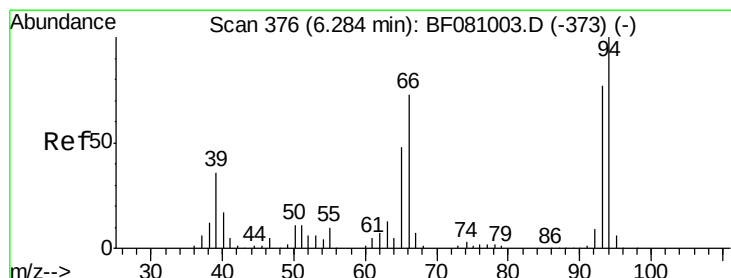
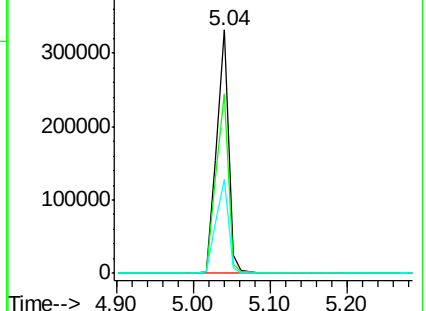
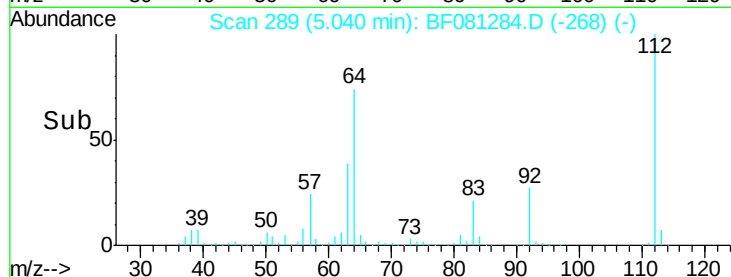
63 38.7 38.1 57.1



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: 38.05 ng

RT: 6.15 min Scan# 386

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

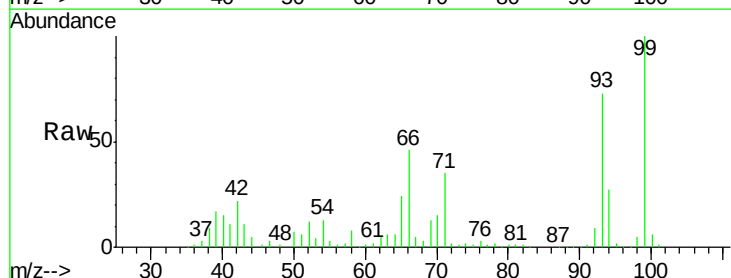
Tgt Ion: 93 Resp: 320506

Ion Ratio Lower Upper

93 100

66 63.3 35.6 53.4#

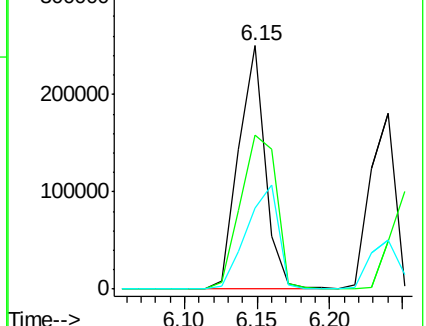
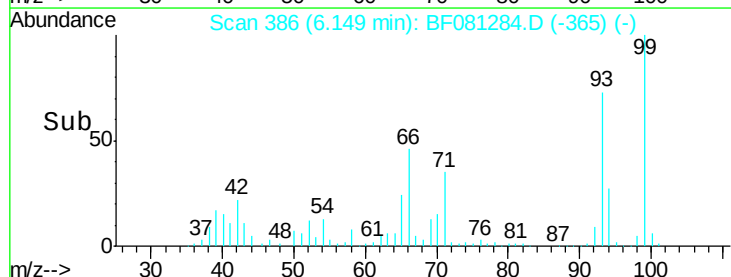
65 33.5 18.7 28.1#

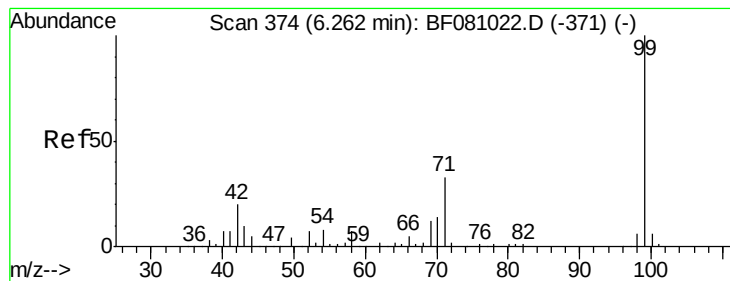


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.36 ng

RT: 6.15 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

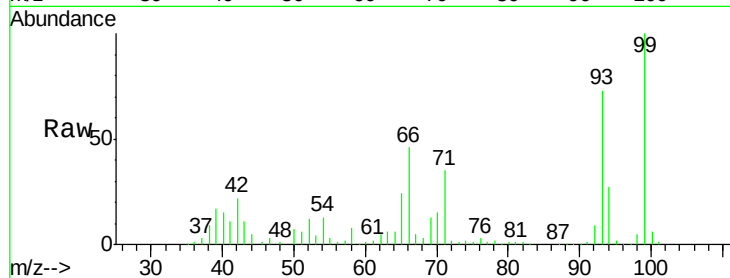
Tot Ion: 99 Resp: 448156

Ion Ratio Lower Upper

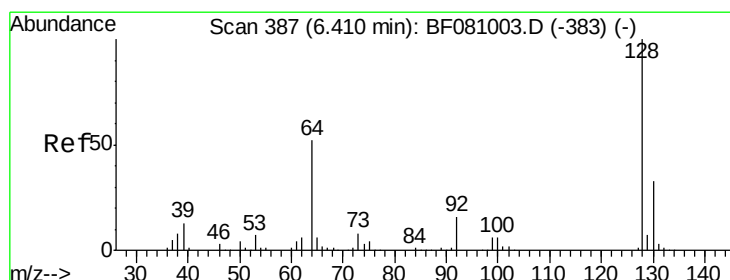
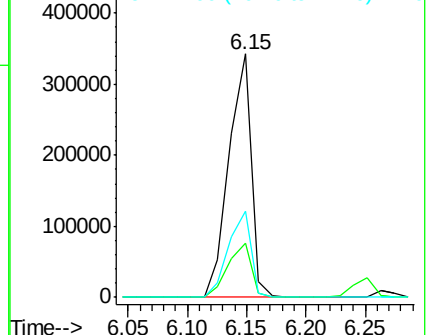
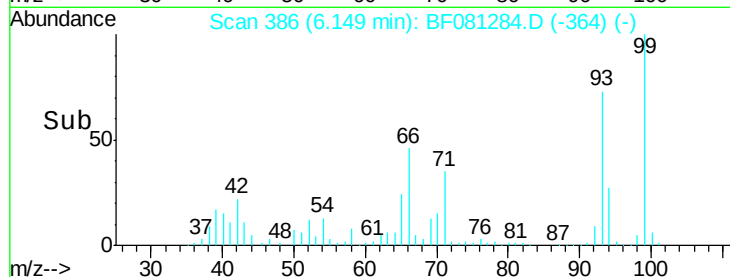
99 100

42 22.1 19.6 29.4

71 35.4 31.2 46.8



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: 38.70 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

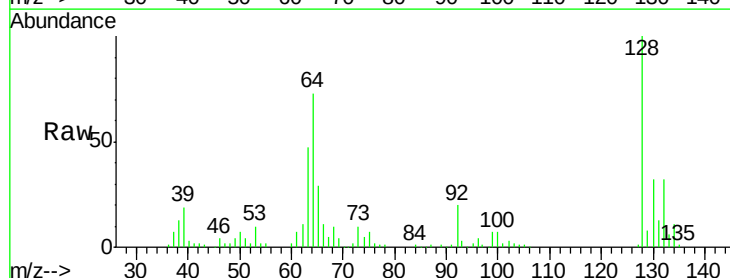
Tgt Ion:128 Resp: 188074

Ion Ratio Lower Upper

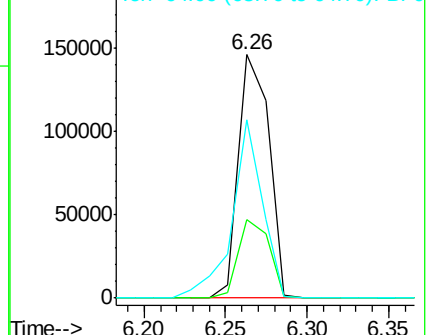
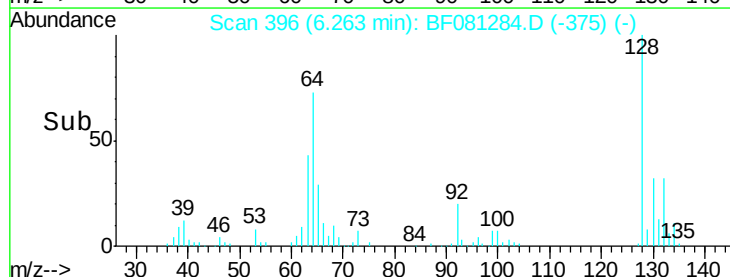
128 100

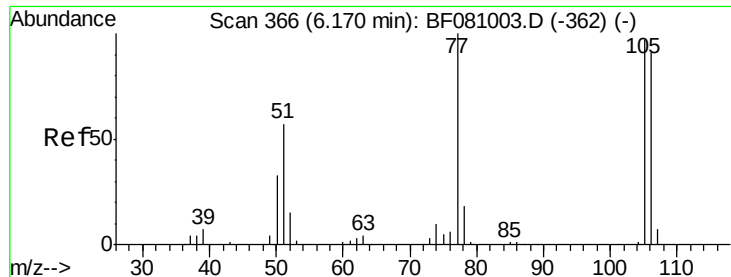
130 32.3 12.5 52.5

64 73.3 46.8 86.8



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: 40.44 ng

RT: 6.02 min Scan# 375

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampled :

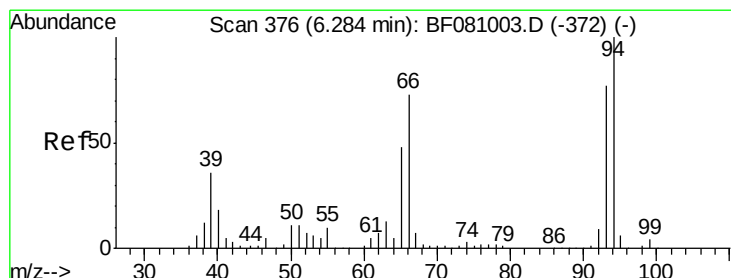
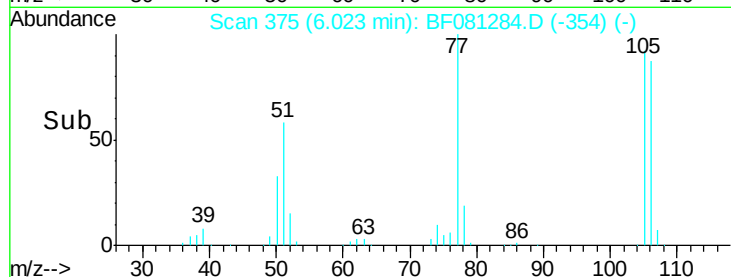
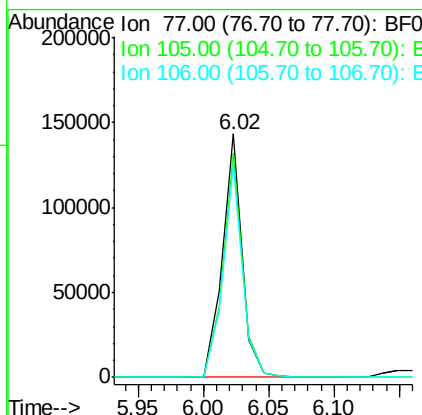
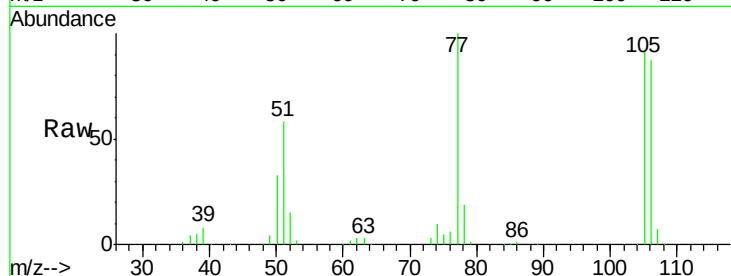
Tot Ion: 77 Resp: 151019

Ion Ratio Lower Upper

77 100

105 92.2 69.6 109.6

106 87.4 64.0 104.0



#10

Phenol

Concen: 41.86 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

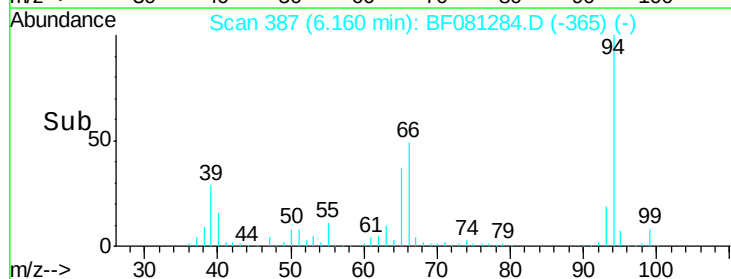
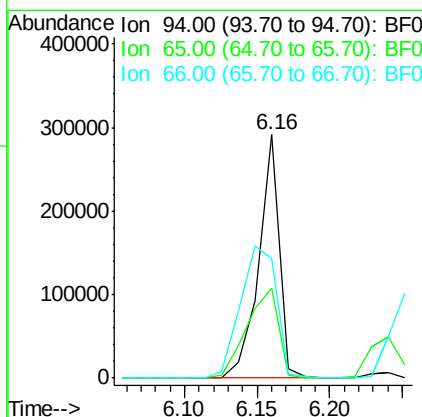
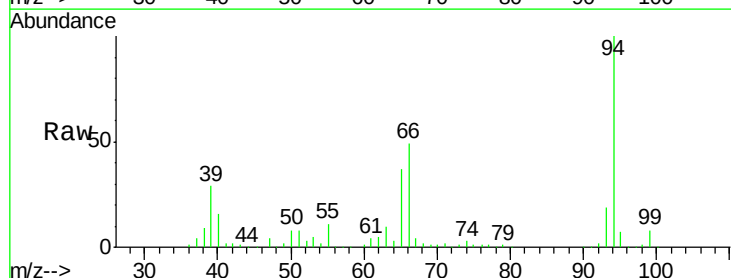
Tgt Ion: 94 Resp: 286375

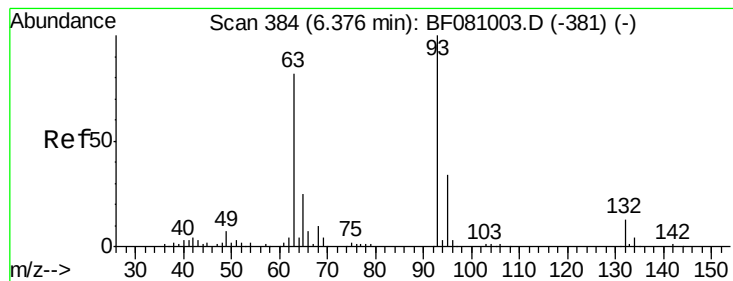
Ion Ratio Lower Upper

94 100

65 36.7 28.4 68.4

66 49.3 52.3 92.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.58 ng

RT: 6.24 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

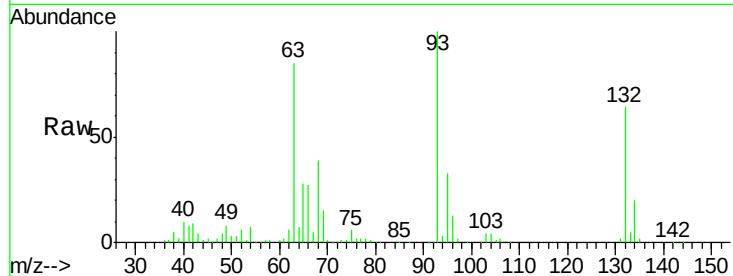
Tot Ion: 93 Resp: 218277

Ion Ratio Lower Upper

93 100

63 85.5 69.6 109.6

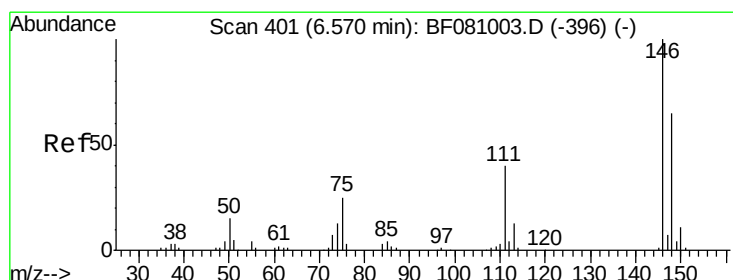
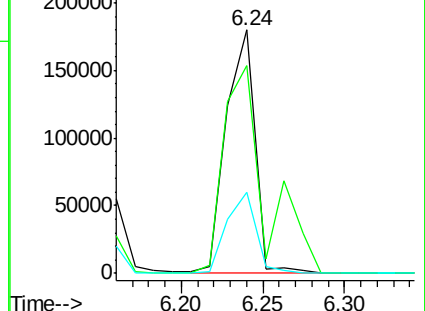
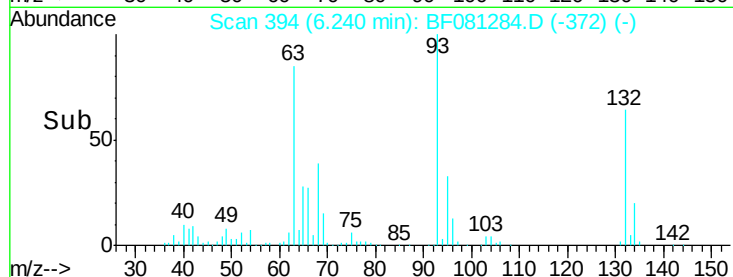
95 33.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.30 ng

RT: 6.42 min Scan# 410

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

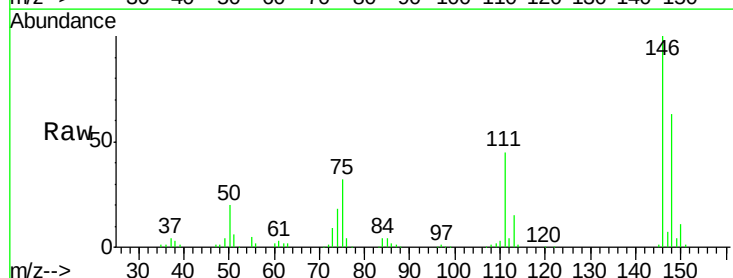
Tgt Ion: 146 Resp: 215664

Ion Ratio Lower Upper

146 100

148 63.2 53.3 79.9

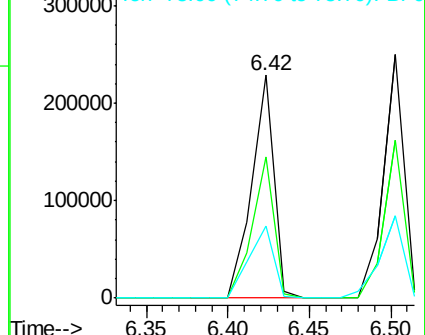
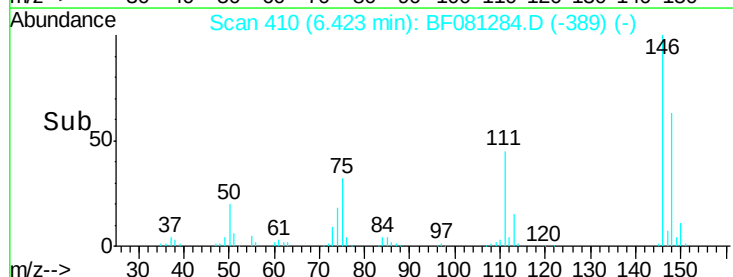
75 32.3 25.0 37.6

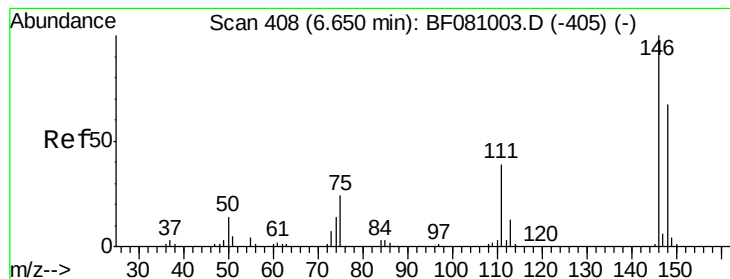


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.45 ng

RT: 6.50 min Scan# 417

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

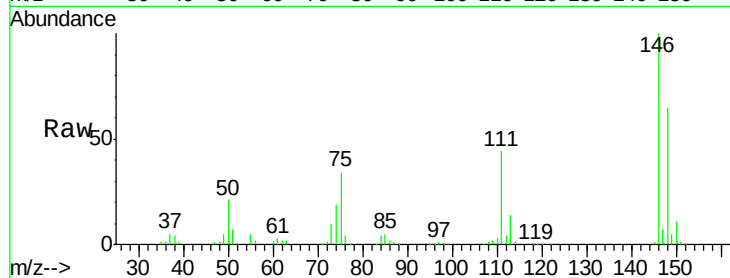
Tot Ion:146 Resp: 219475

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

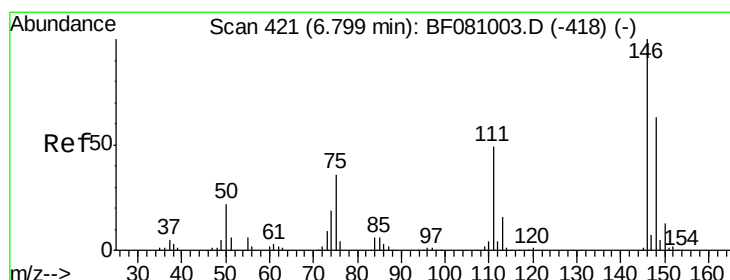
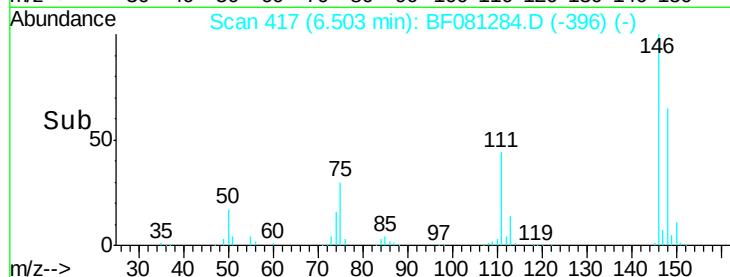
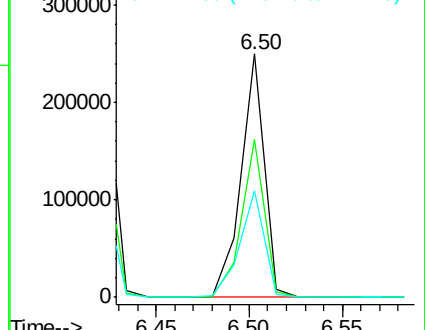
111 43.9 34.4 51.6



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: 33.86 ng

RT: 6.65 min Scan# 430

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

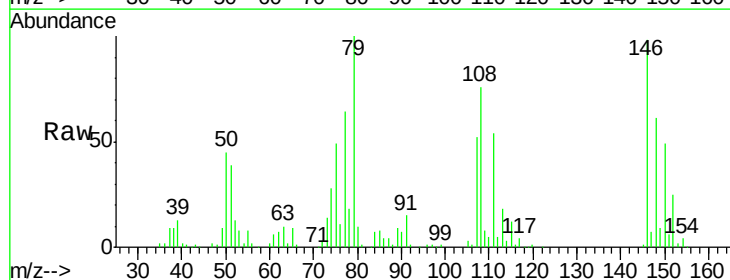
Tgt Ion:146 Resp: 163866

Ion Ratio Lower Upper

146 100

148 62.8 48.7 73.1

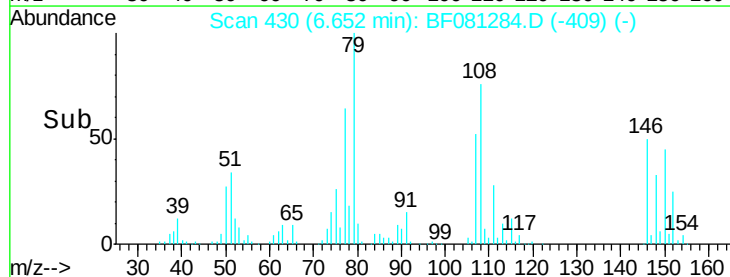
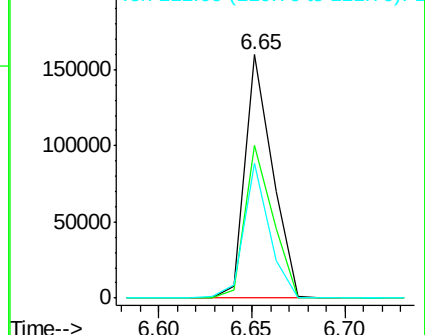
111 55.5 42.3 63.5

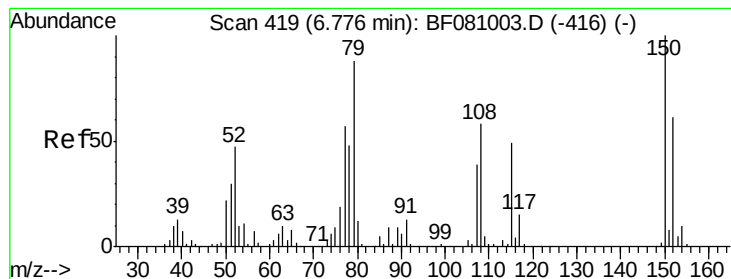


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.73 ng

RT: 6.65 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

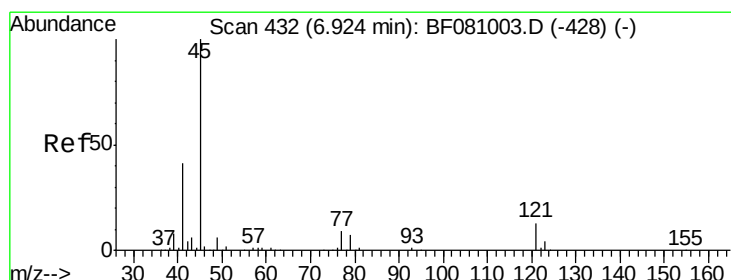
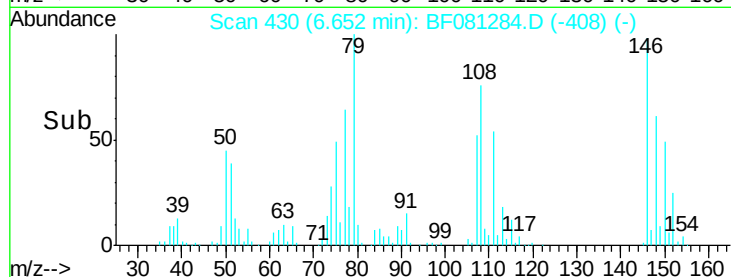
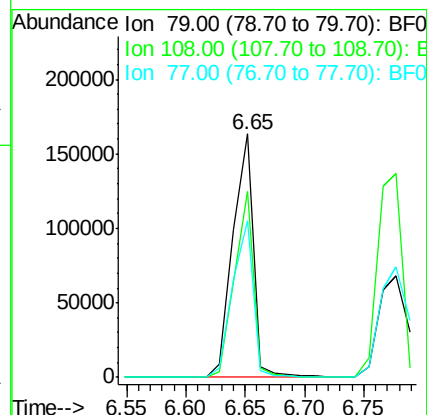
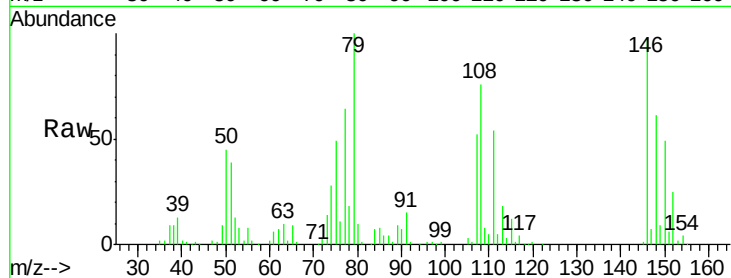
Tot Ion: 79 Resp: 195573

Ion Ratio Lower Upper

79 100

108 76.3 49.4 74.2#

77 64.2 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.49 ng

RT: 6.79 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

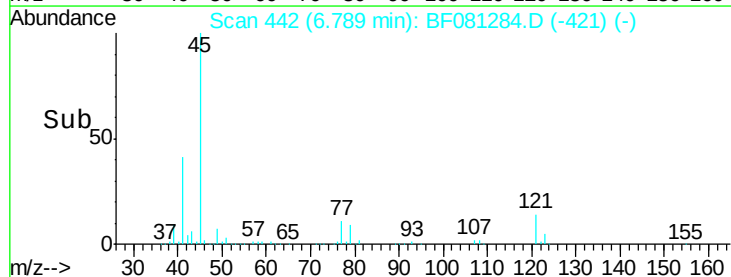
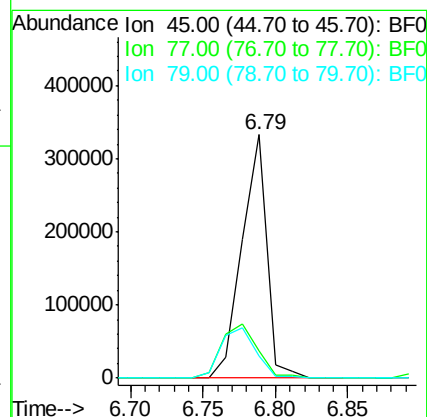
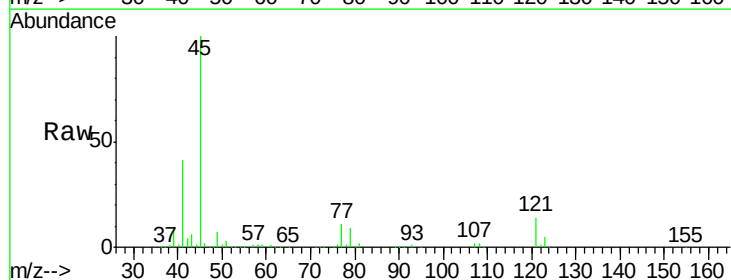
Tgt Ion: 45 Resp: 397045

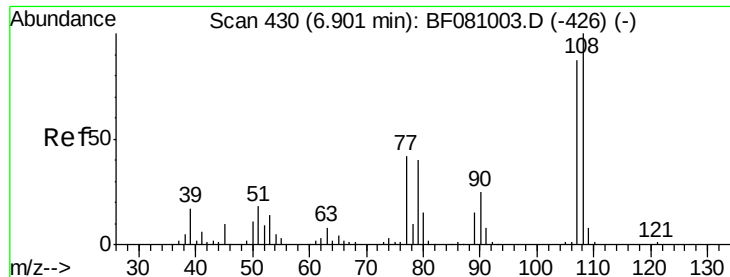
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.2

79 9.1 0.0 28.0





#17

2-Methylphenol

Concen: 41.28 ng

RT: 6.78 min Scan# 441

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 172124

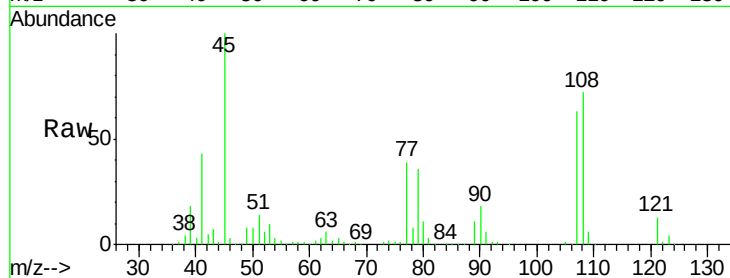
Ion Ratio Lower Upper

107 100

108 114.1 90.4 135.6

77 61.8 46.5 69.7

79 56.8 46.3 69.5

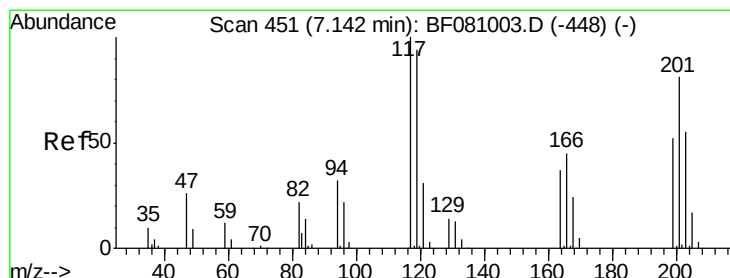
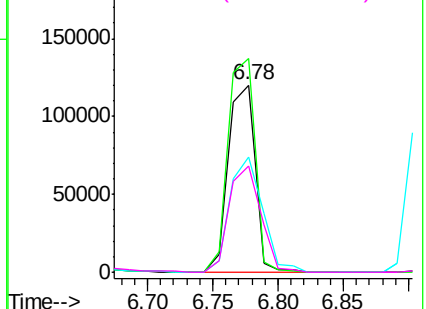
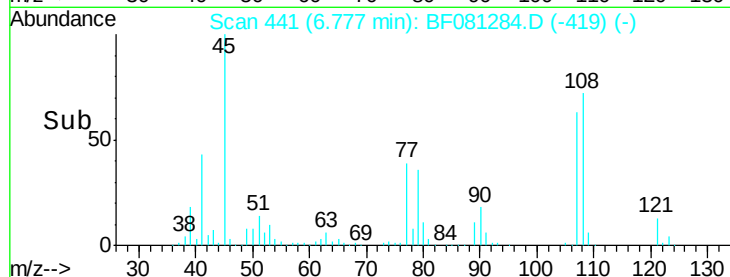


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.35 ng

RT: 6.99 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

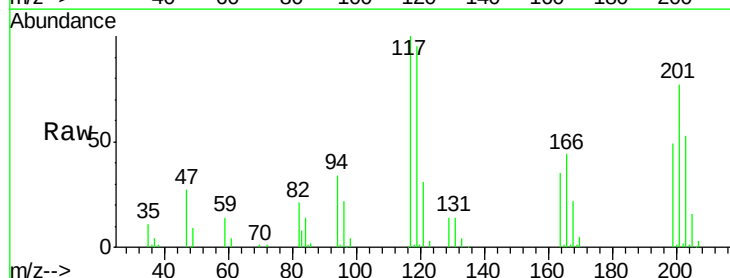
Tgt Ion:117 Resp: 84310

Ion Ratio Lower Upper

117 100

119 95.4 77.9 116.9

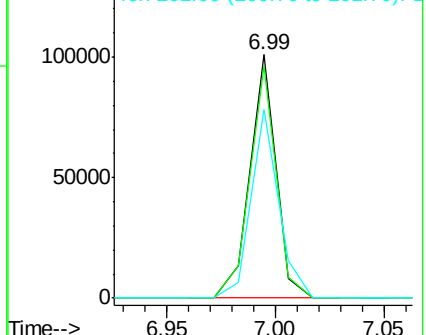
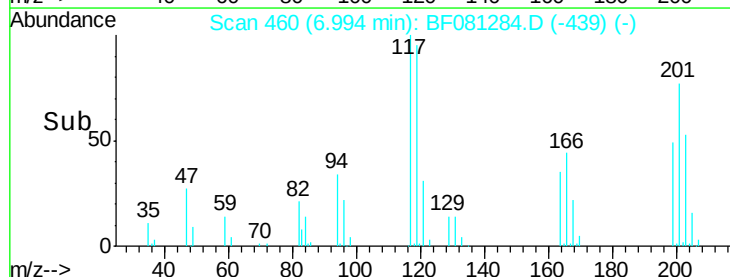
201 77.4 61.3 91.9

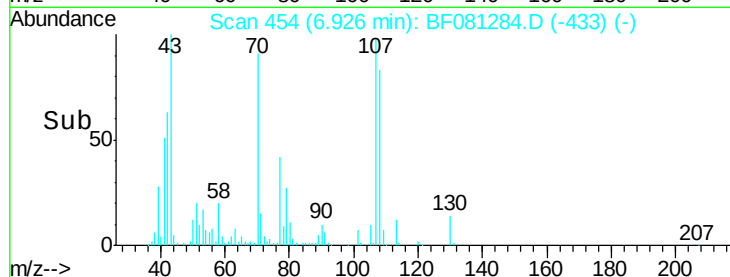
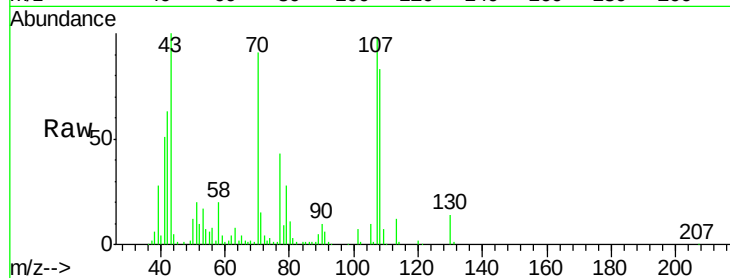
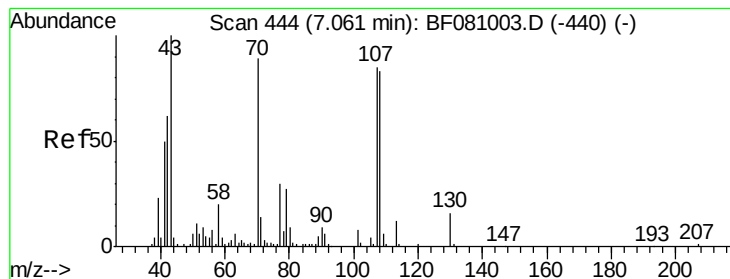


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.65 ng

RT: 6.93 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 155085

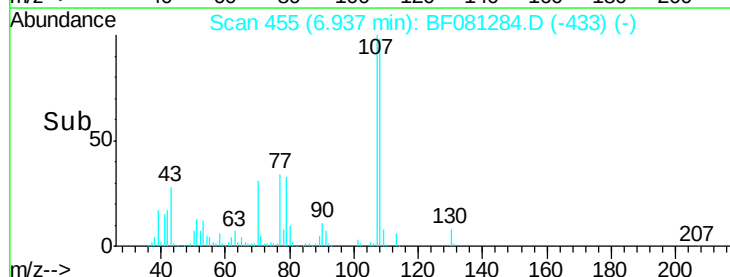
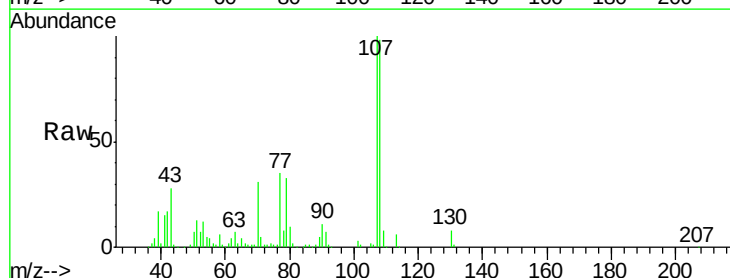
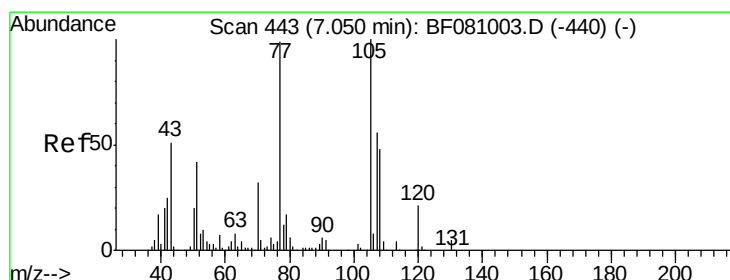
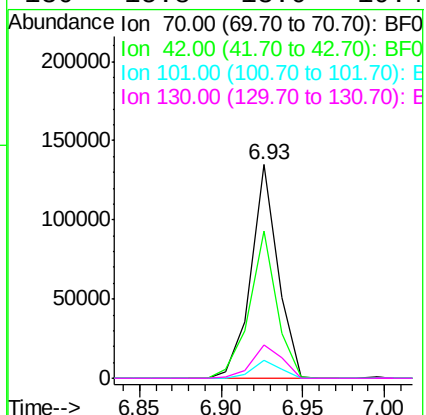
Ion Ratio Lower Upper

70 100

42 69.0 65.0 97.4

101 8.2 7.4 11.2

130 15.8 13.0 19.4



#20

3+4-Methylphenols

Concen: 41.61 ng

RT: 6.94 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Tgt Ion: 107 Resp: 220206

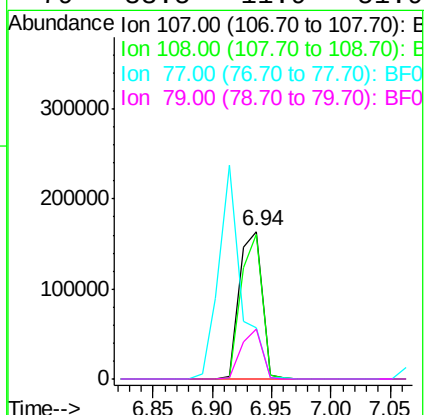
Ion Ratio Lower Upper

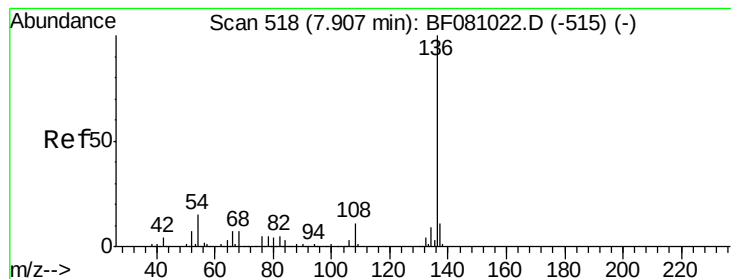
107 100

108 97.9 66.1 106.1

77 34.6 139.3 179.3#

79 33.5 11.9 51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 264469

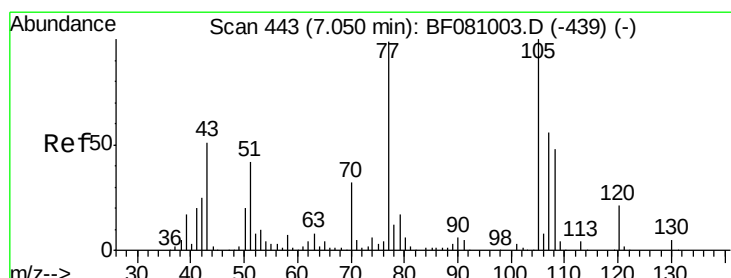
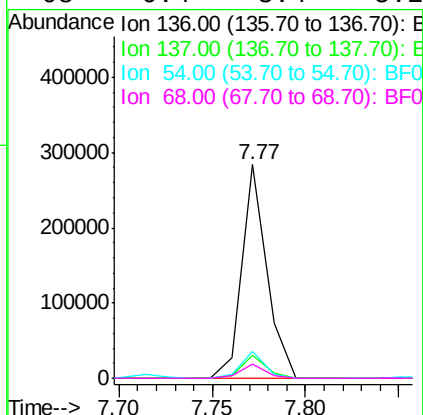
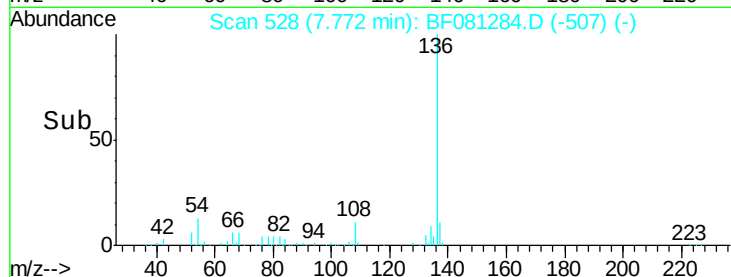
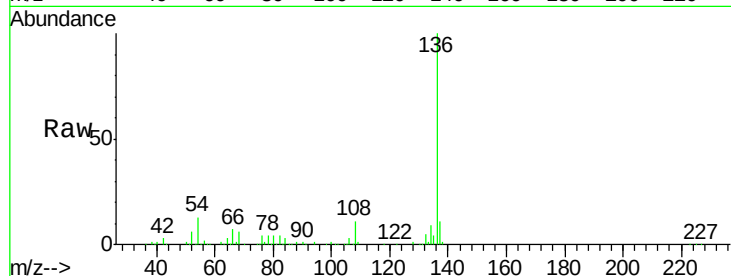
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 12.6 7.7 11.5#

68 6.4 3.4 5.2#



#22

Acetophenone

Concen: 41.01 ng

RT: 6.91 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Tgt Ion:105 Resp: 284715

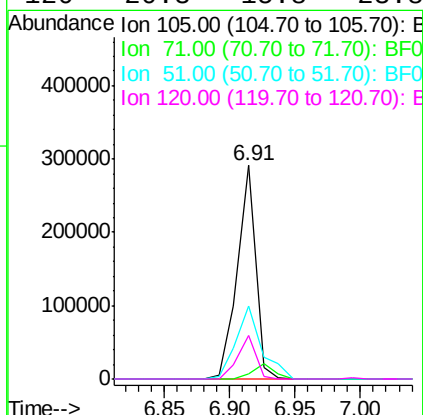
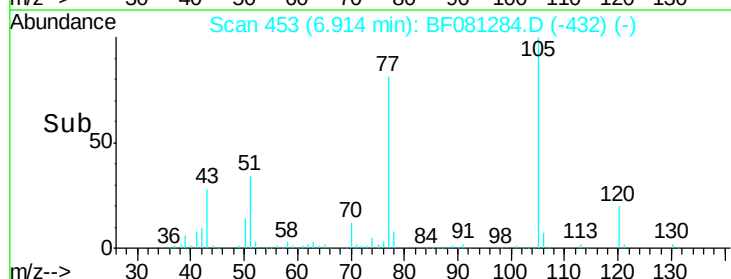
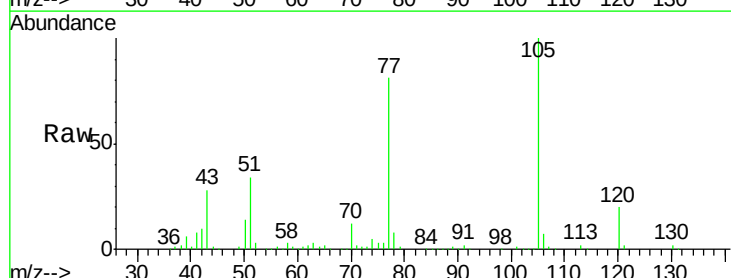
Ion Ratio Lower Upper

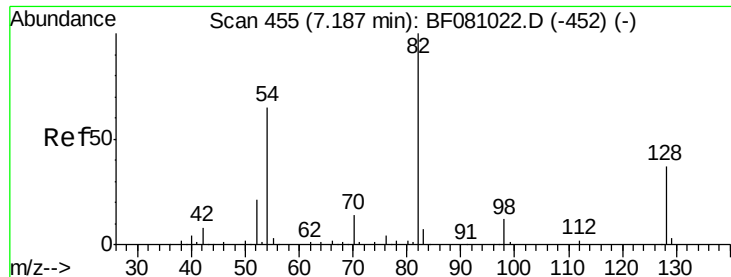
105 100

71 2.2 3.0 4.6#

51 34.4 39.8 59.8#

120 20.3 15.8 23.8

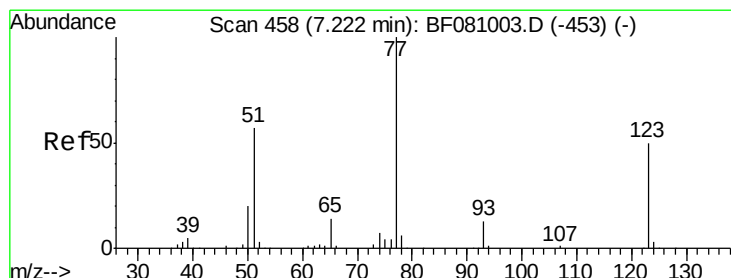
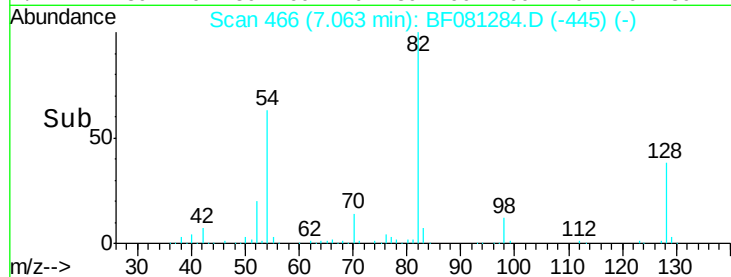
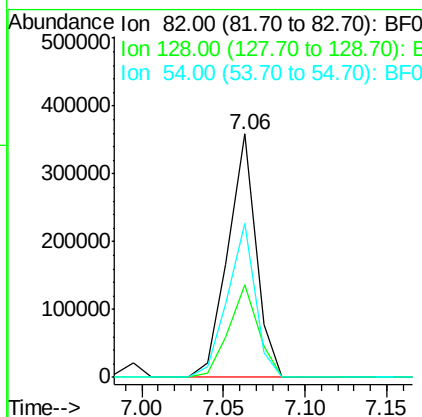
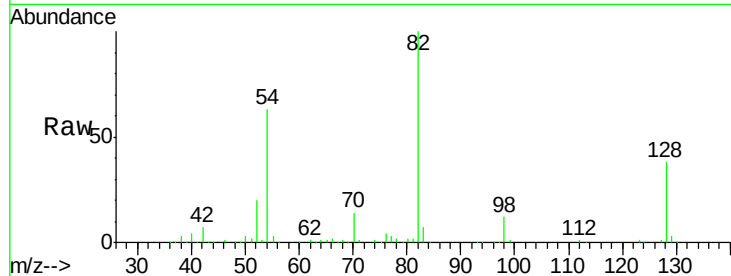




#23
 Nitrobenzene-d5
 Concen: 74.09 ng
 RT: 7.06 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

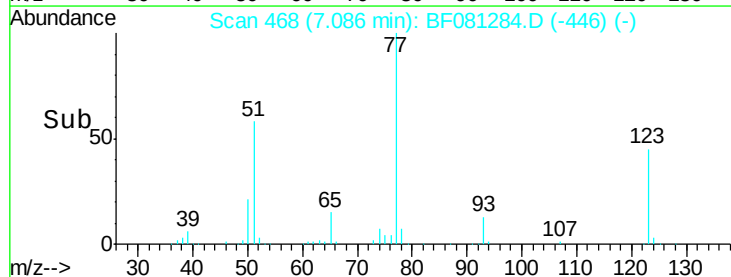
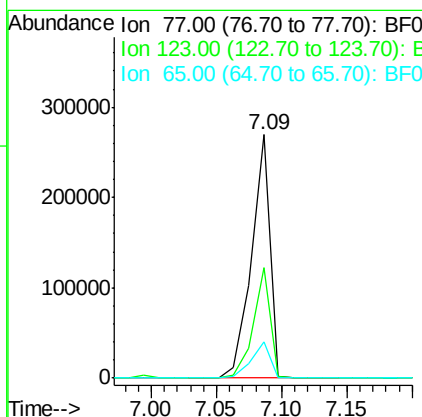
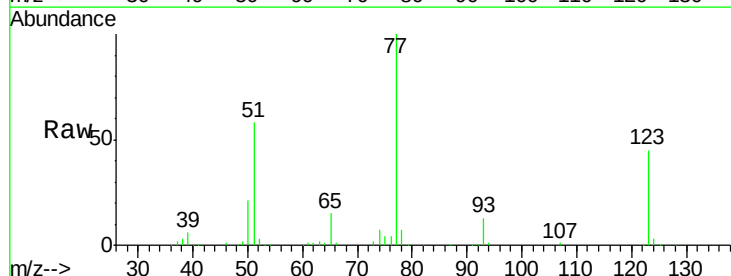
Instrument :
 BNA_F
 ClientSampleID :

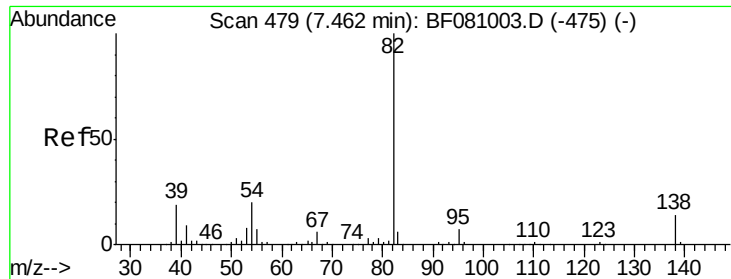
Tot Ion	82	Resp	428926
Ion Ratio	Lower	Upper	
82	100		
128	37.8	28.6	42.8
54	63.3	55.1	82.7



#24
 Nitrobenzene
 Concen: 43.94 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion	77	Resp	265959
Ion Ratio	Lower	Upper	
77	100		
123	45.2	32.9	49.3
65	15.0	12.5	18.7





#25

Isophorone

Concen: 40.20 ng

RT: 7.33 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

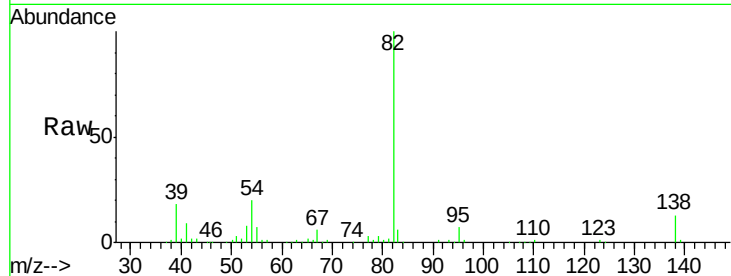
Tot Ion: 82 Resp: 433973

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

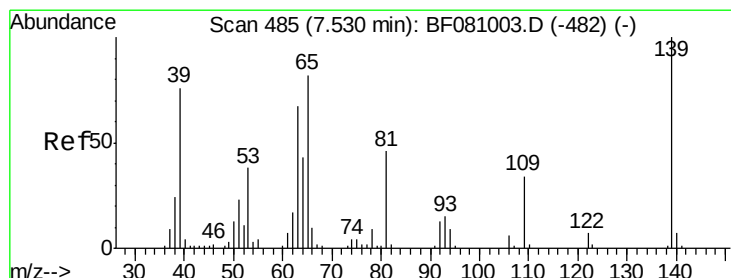
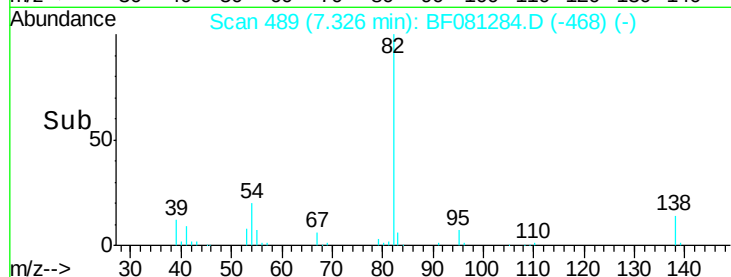
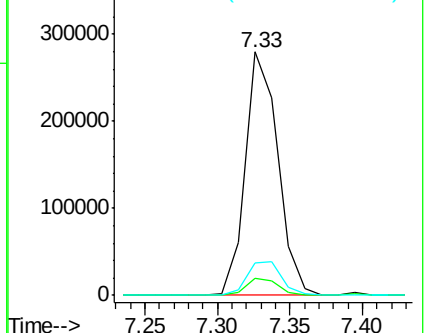
138 13.5 10.5 15.7



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: 37.36 ng

RT: 7.39 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

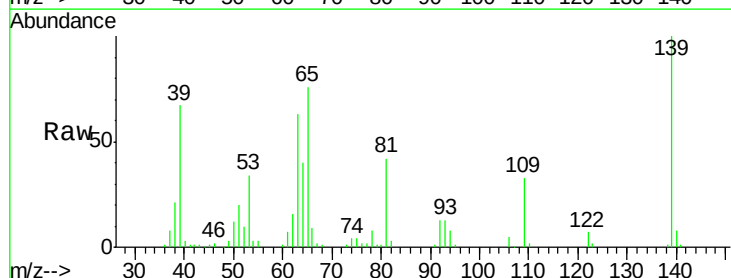
Tgt Ion: 139 Resp: 94047

Ion Ratio Lower Upper

139 100

109 33.1 32.1 48.1

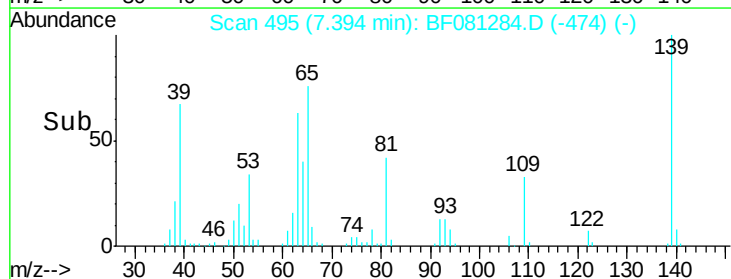
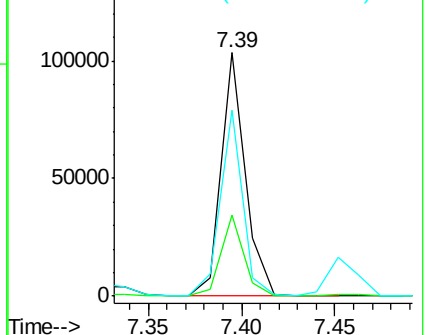
65 76.4 69.9 104.9

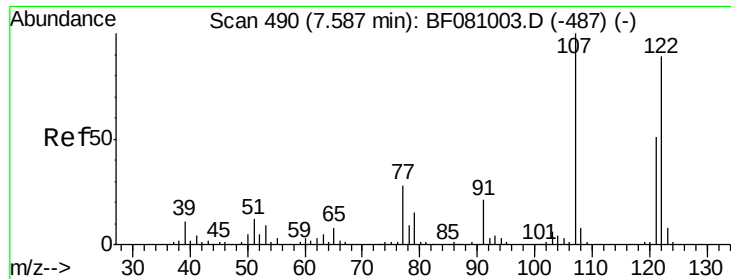


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

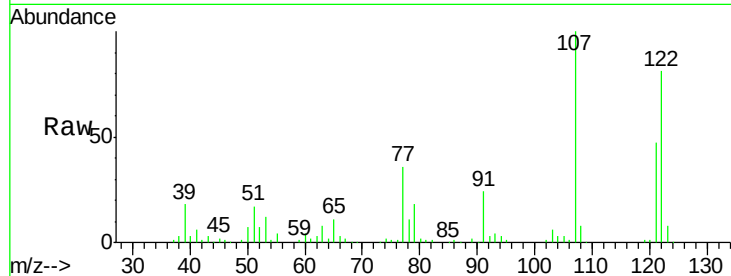




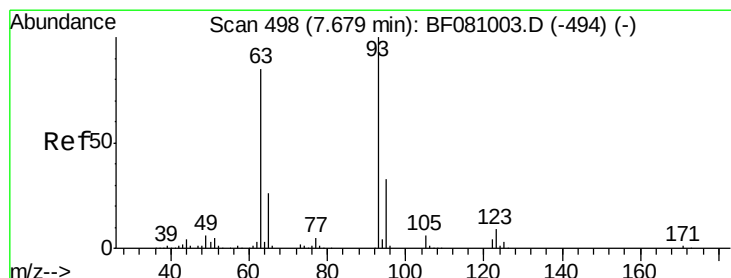
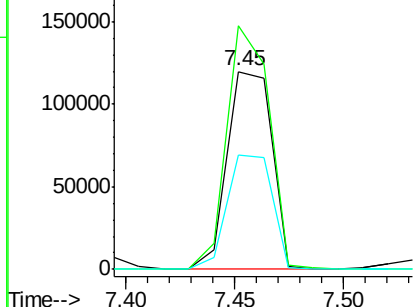
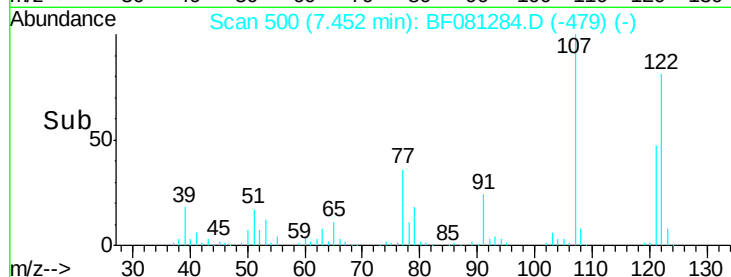
#27
 2,4-Dimethylphenol
 Concen: 38.51 ng
 RT: 7.45 min Scan# 500
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 171499
 Ion Ratio Lower Upper
 122 100
 107 123.3 103.8 155.6
 121 57.8 47.0 70.4

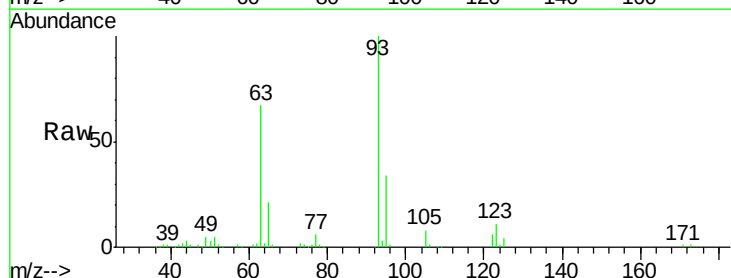


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

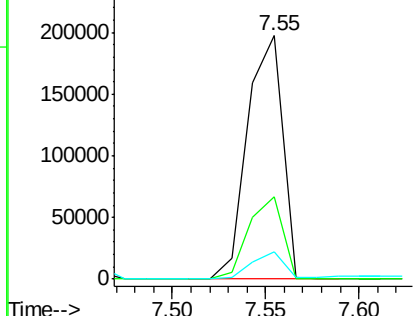
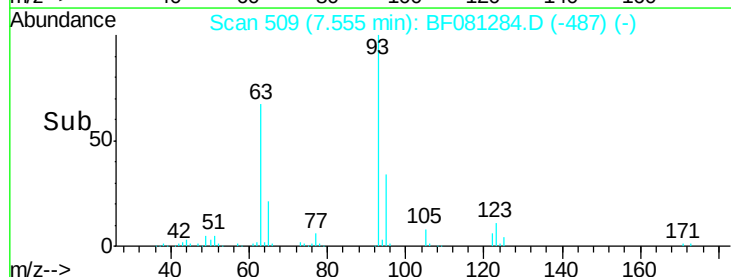


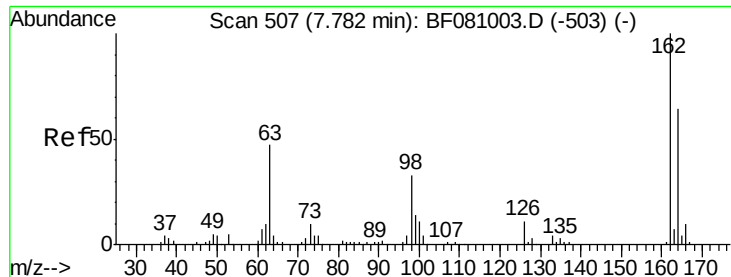
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.35 ng
 RT: 7.55 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion: 93 Resp: 257331
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.8 38.8
 123 11.4 7.4 11.0#



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

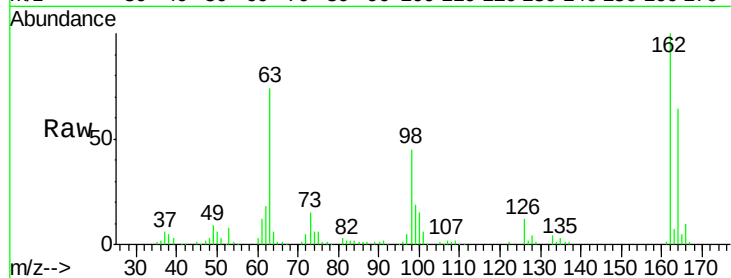




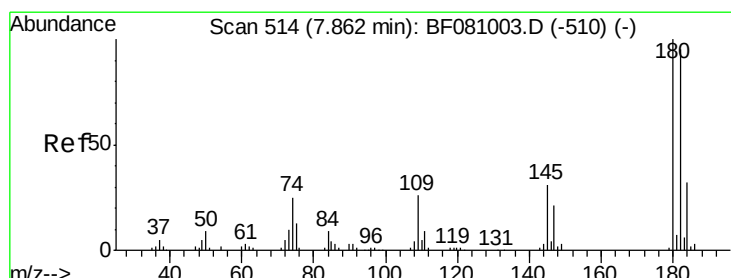
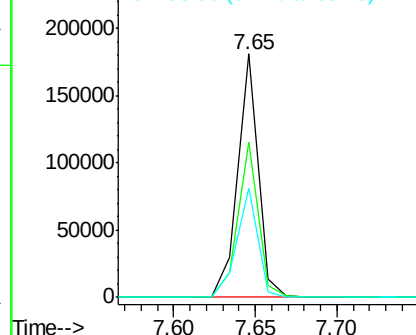
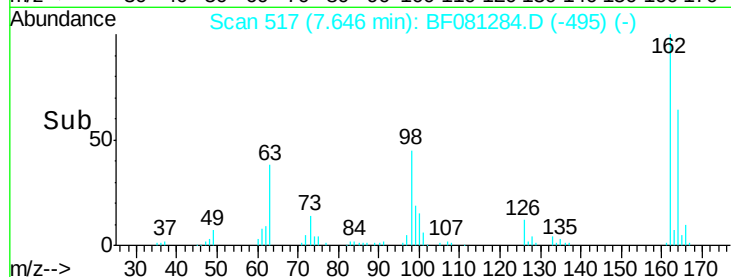
#29
 2,4-Dichlorophenol
 Concen: 41.39 ng
 RT: 7.65 min Scan# 517
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.2	83.2
98	44.8	12.3	52.3

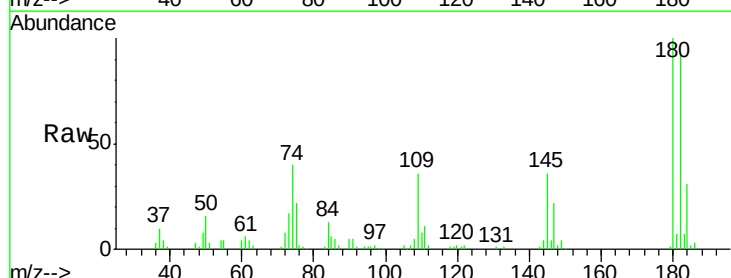


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

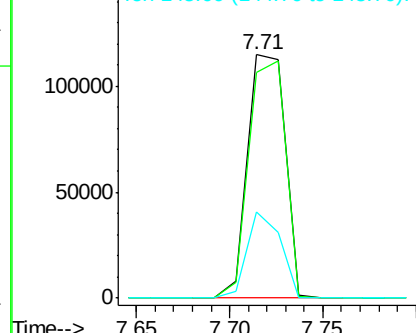
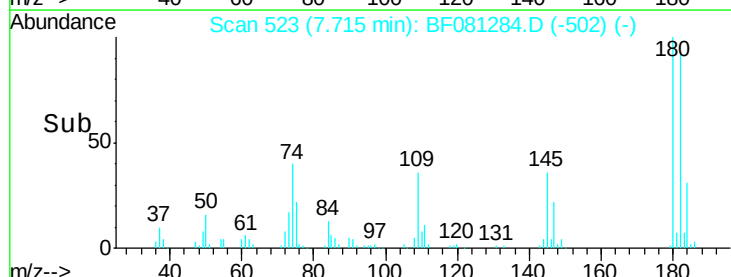


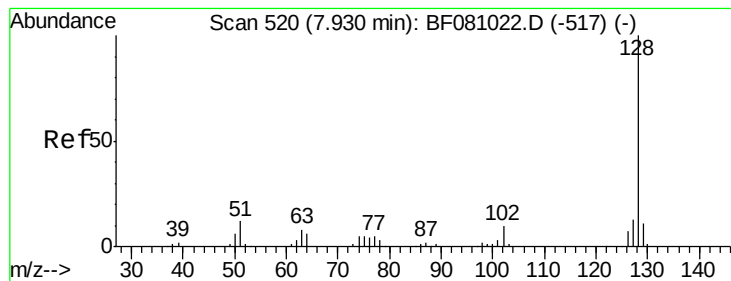
#30
 1,2,4-Trichlorobenzene
 Concen: 38.93 ng
 RT: 7.71 min Scan# 523
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.4	114.6
145	35.5	25.4	38.2



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





#31

Naphthalene

Concen: 36.55 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

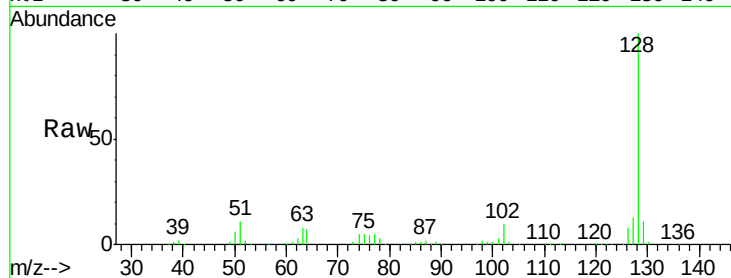
Tot Ion:128 Resp: 538851

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

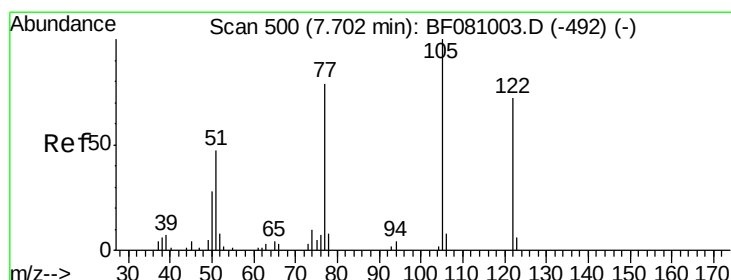
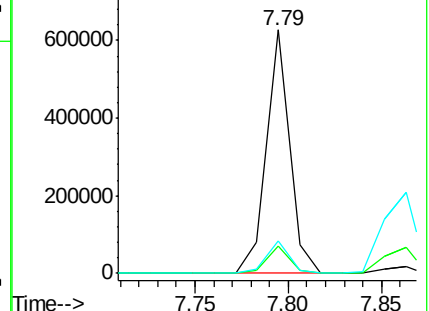
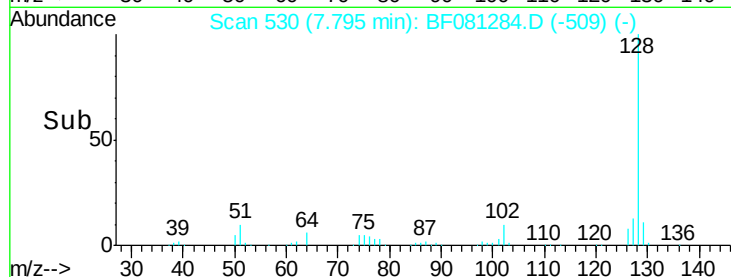
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.73 ng

RT: 7.68 min Scan# 520

Delta R.T. 0.03 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

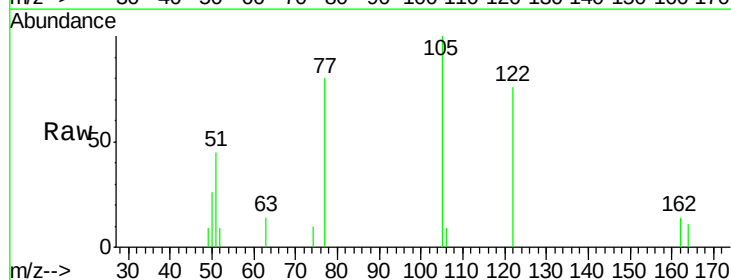
Tgt Ion:122 Resp: 6835

Ion Ratio Lower Upper

122 100

105 131.4 113.8 153.8

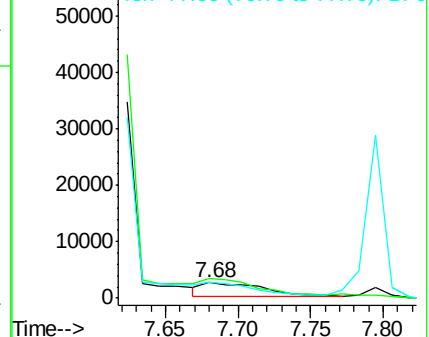
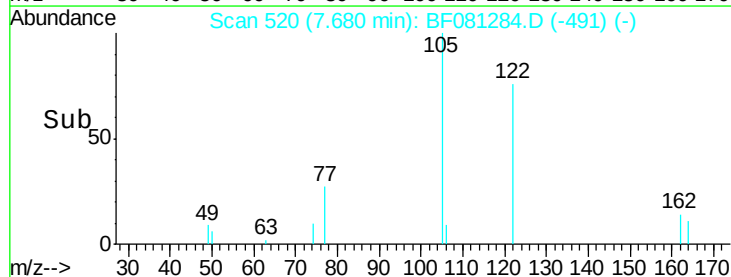
77 105.0 93.8 133.8

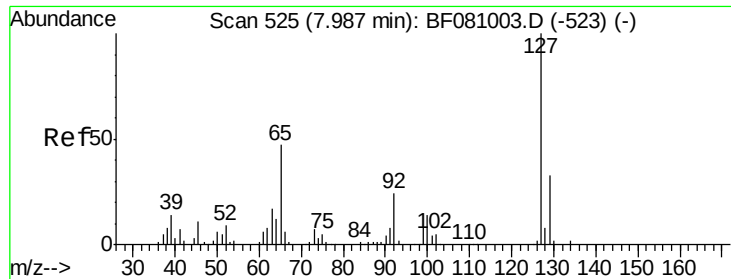


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

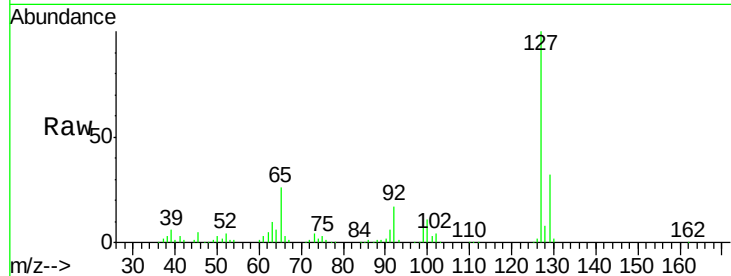




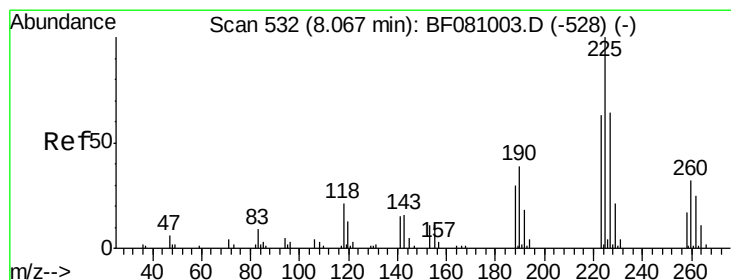
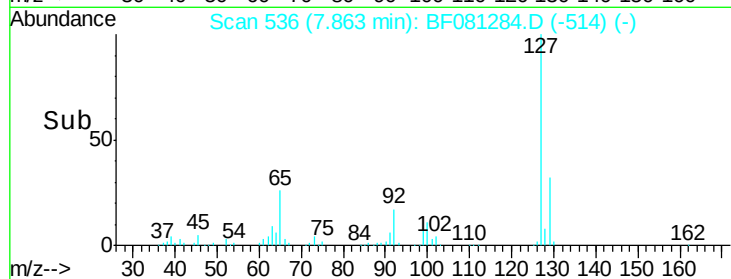
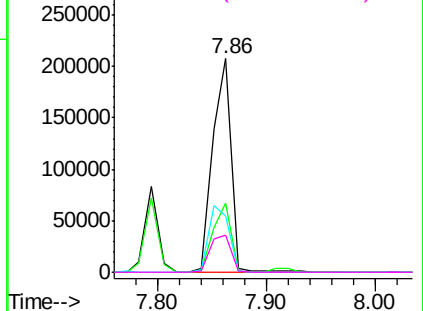
#33
 4-Chloroaniline
 Concen: 39.67 ng
 RT: 7.86 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	246784
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.2	37.8
65	26.5	37.8	56.6#
92	17.2	19.5	29.3#

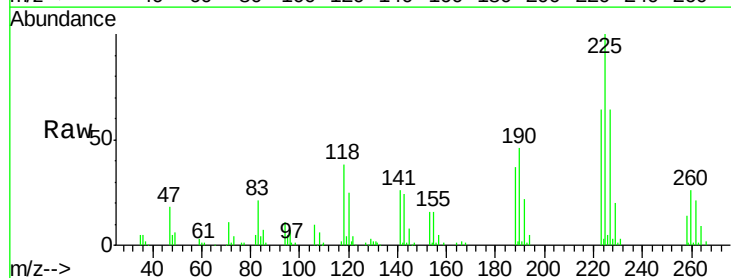


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

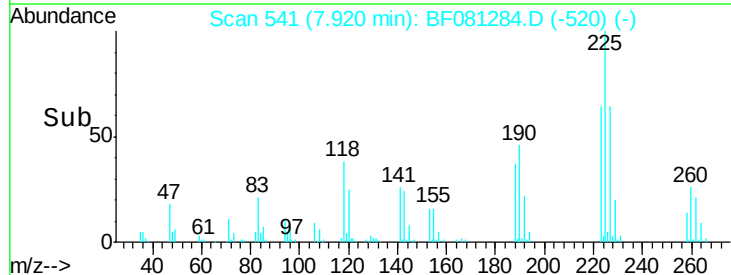
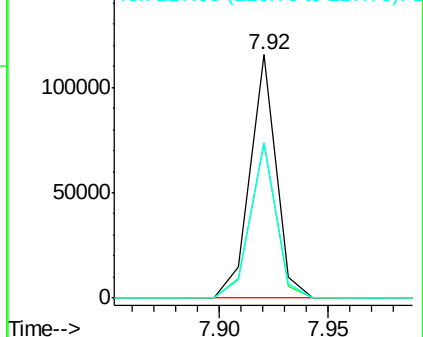


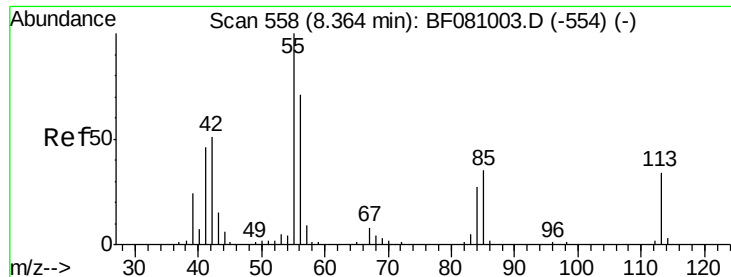
#34
 Hexachlorobutadiene
 Concen: 40.80 ng
 RT: 7.92 min Scan# 541
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion:	225	Resp:	96142
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.6	79.0
227	63.5	51.1	76.7



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: 41.88 ng

RT: 8.26 min Scan# 571

Delta R.T. -0.04 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

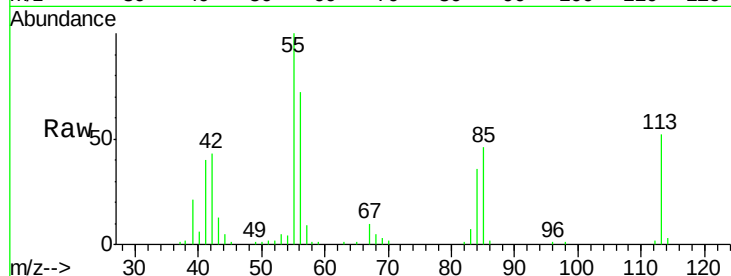
Tot Ion:113 Resp: 54879

Ion Ratio Lower Upper

113 100

55 193.5 280.4 320.4#

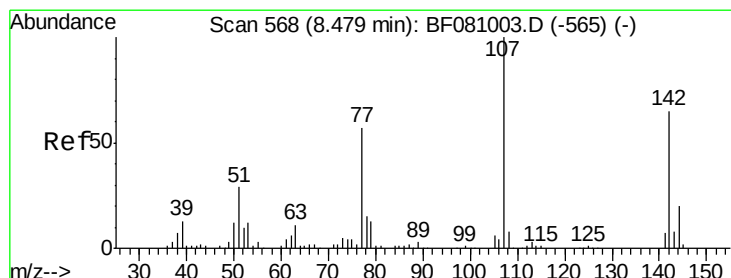
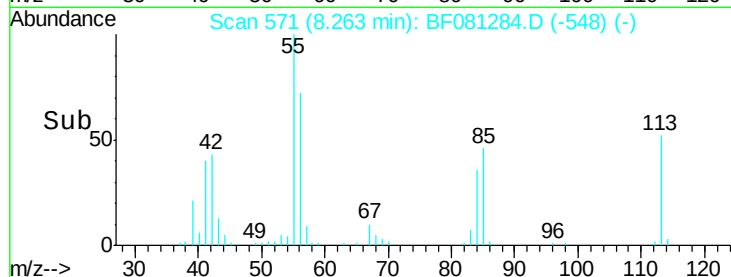
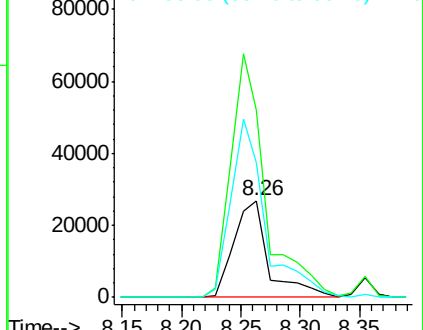
56 139.2 205.9 245.9#



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: 37.37 ng

RT: 8.35 min Scan# 579

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

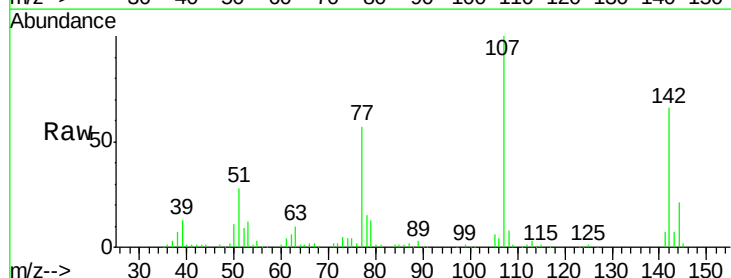
Tgt Ion:107 Resp: 166977

Ion Ratio Lower Upper

107 100

144 20.8 17.2 25.8

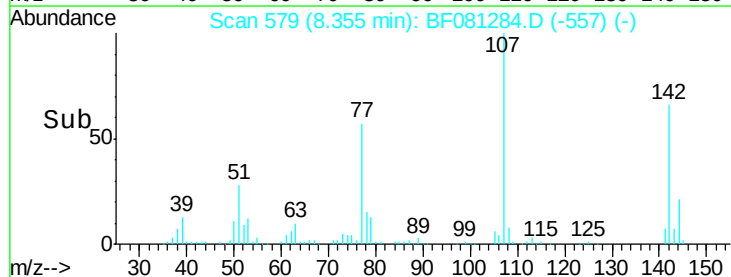
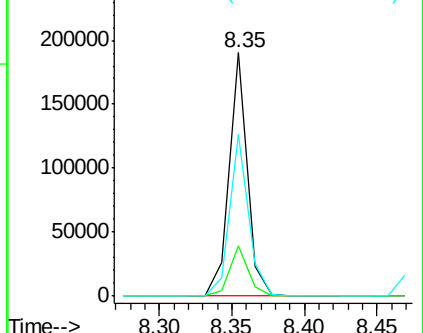
142 66.3 54.9 82.3

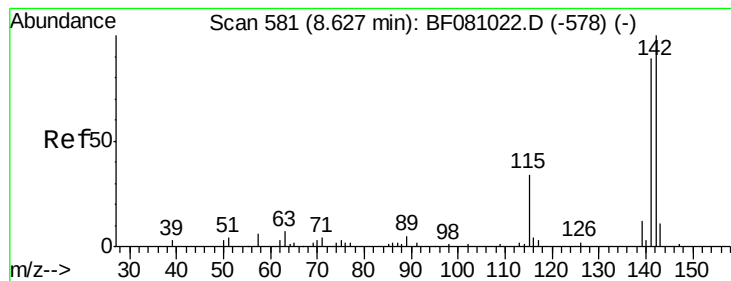


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.35 ng

RT: 8.48 min Scan# 590

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

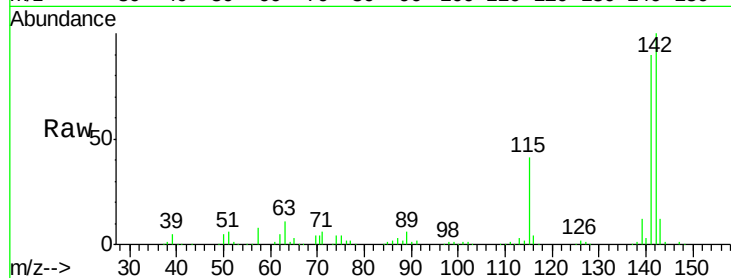
Tot Ion:142 Resp: 357120

Ion Ratio Lower Upper

142 100

141 90.0 71.4 107.2

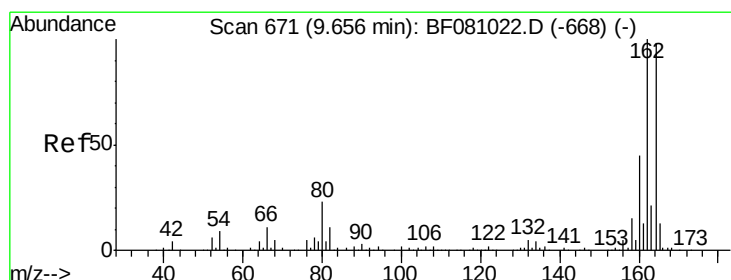
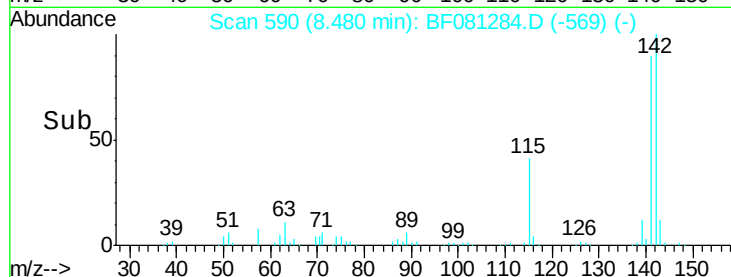
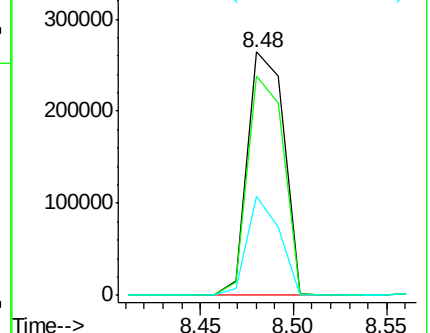
115 40.9 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 681

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

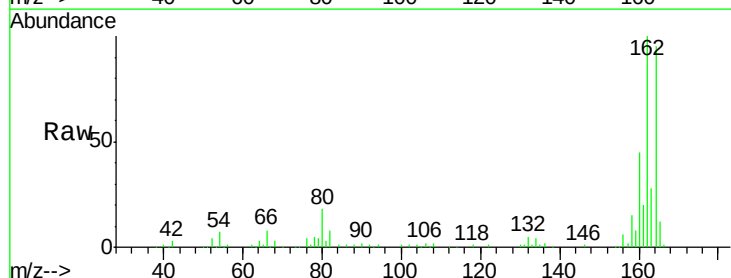
Tgt Ion:164 Resp: 126441

Ion Ratio Lower Upper

164 100

162 105.6 83.8 125.8

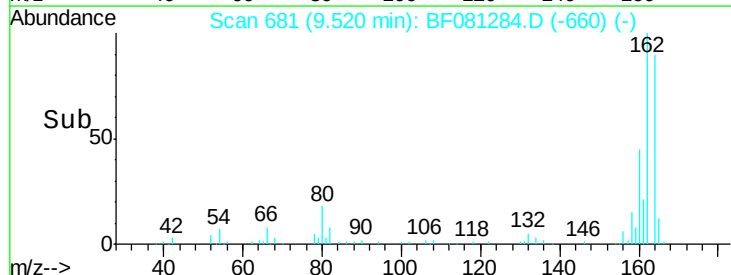
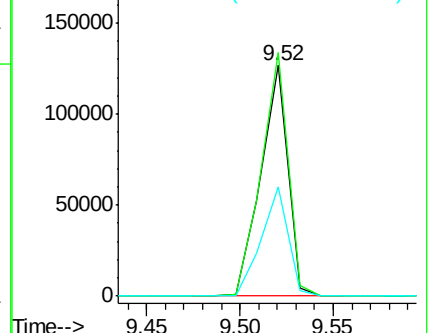
160 47.3 39.8 59.8

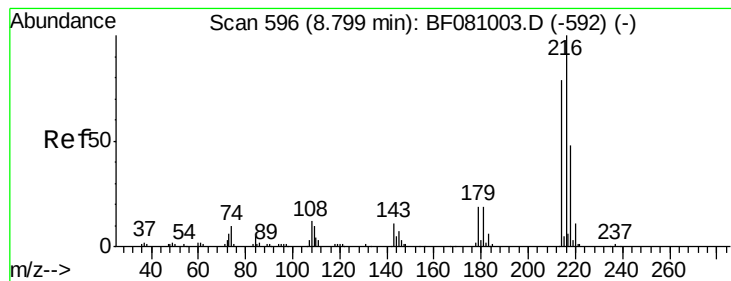


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.67 ng

RT: 8.65 min Scan# 605

Delta R.T. -0.06 min

Lab File: BF081284.D

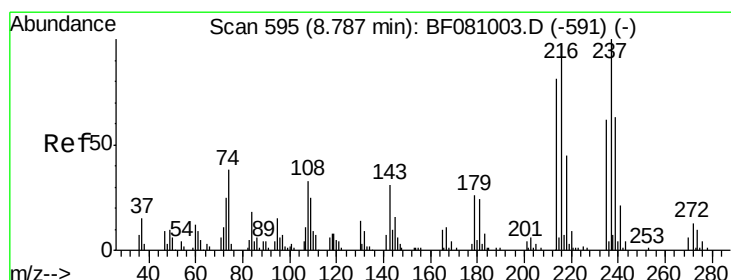
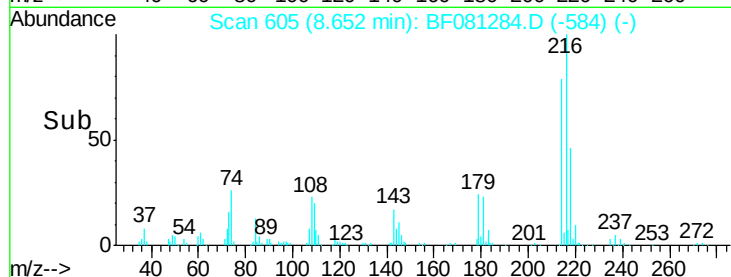
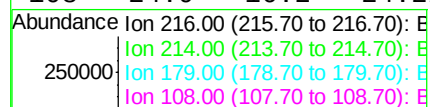
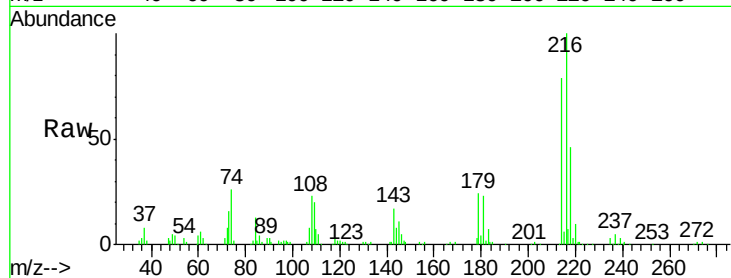
Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:	216	Resp:	145516
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	23.3	17.8	26.8
108	24.9	16.2	24.2#



#40

Hexachlorocyclopentadiene

Concen: 37.81 ng

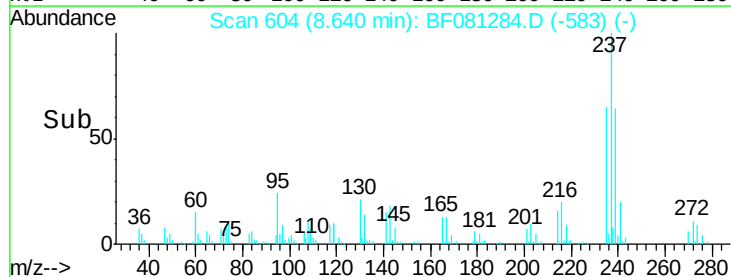
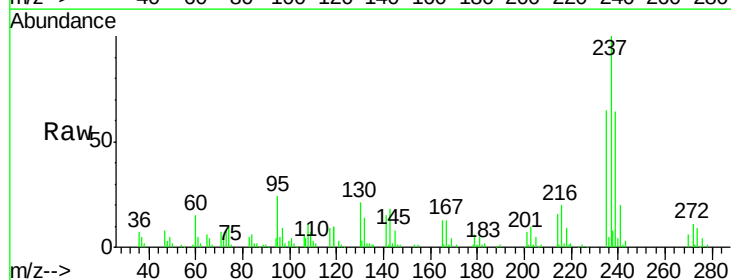
RT: 8.64 min Scan# 604

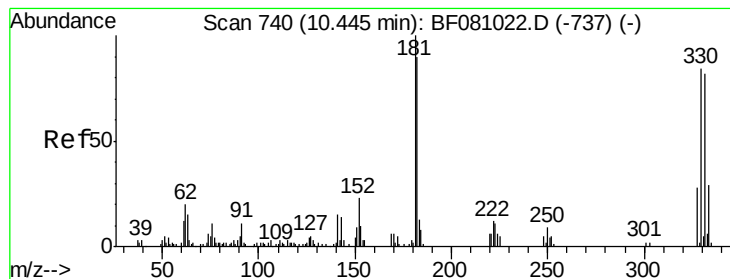
Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Tgt Ion:	237	Resp:	79826
Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.6	83.6
272	10.9	0.0	32.2





#41

2,4,6-Tribromophenol

Concen: 75.05 ng

RT: 10.31 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

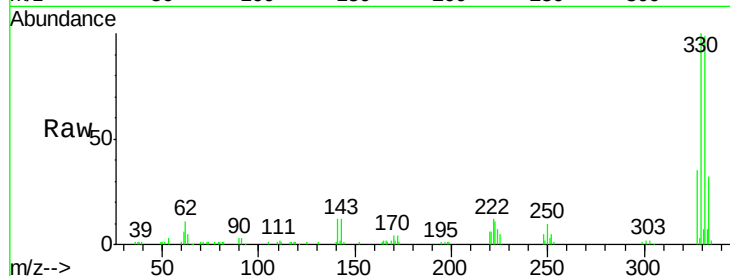
Tot Ion:330 Resp: 82262

Ion Ratio Lower Upper

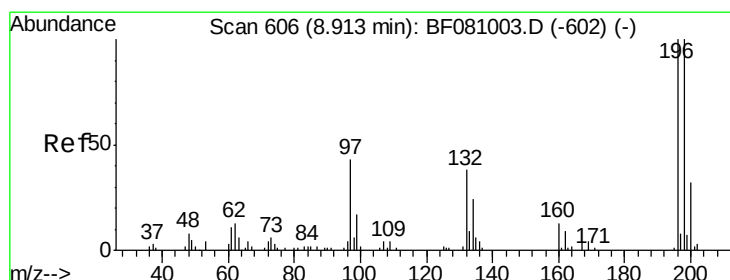
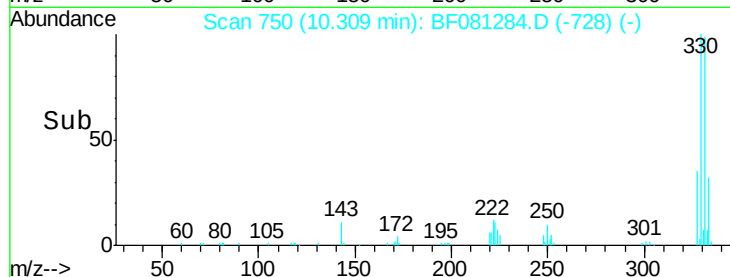
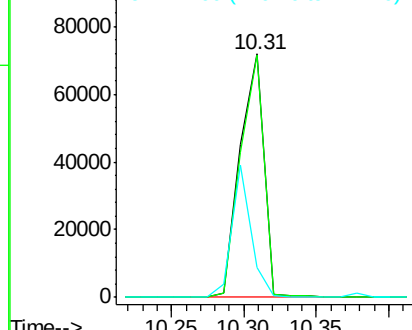
330 100

332 97.8 77.3 115.9

141 43.6 44.9 67.3#



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



#42

2,4,6-Trichlorophenol

Concen: 36.86 ng

RT: 8.78 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

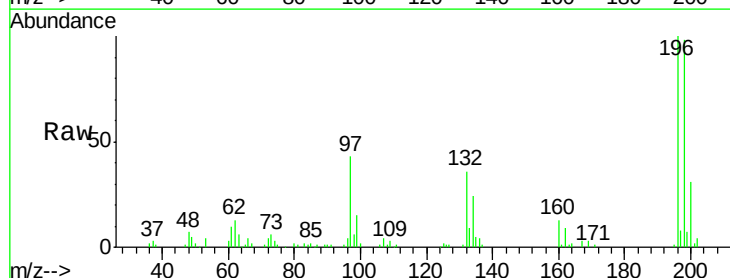
Tgt Ion:196 Resp: 106243

Ion Ratio Lower Upper

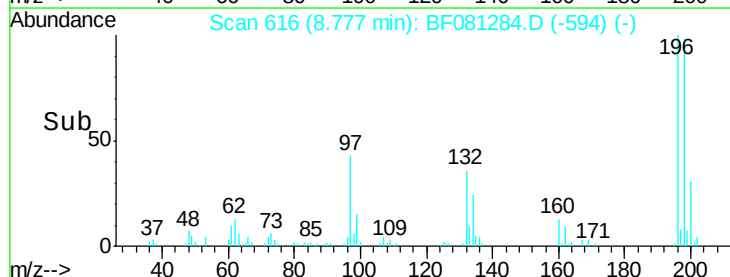
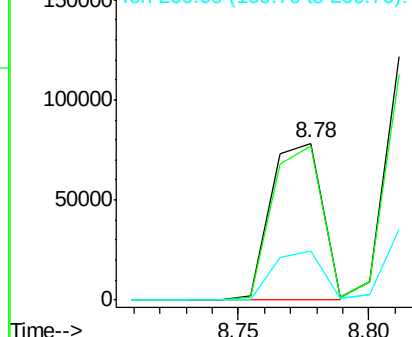
196 100

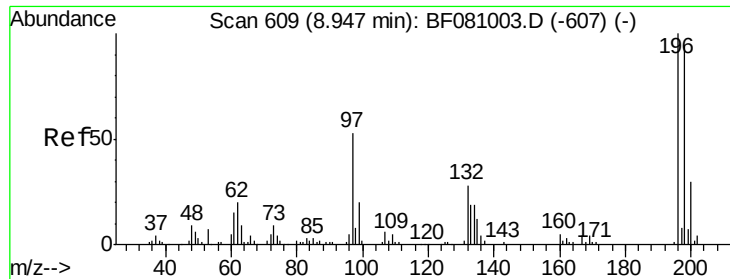
198 97.8 74.6 111.8

200 31.3 22.7 34.1



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

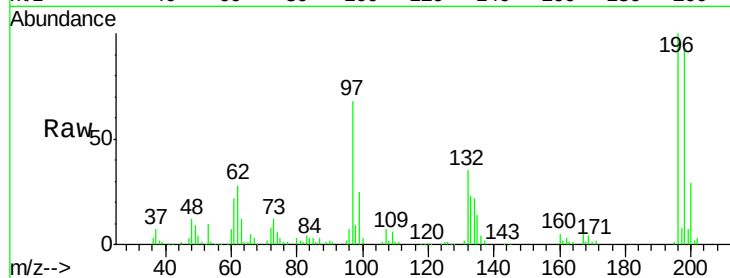




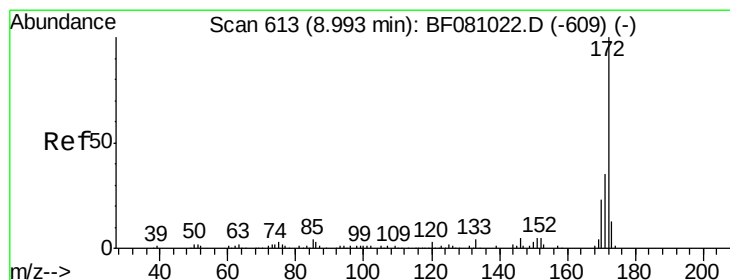
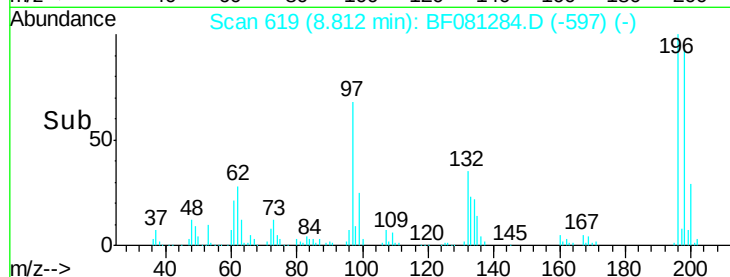
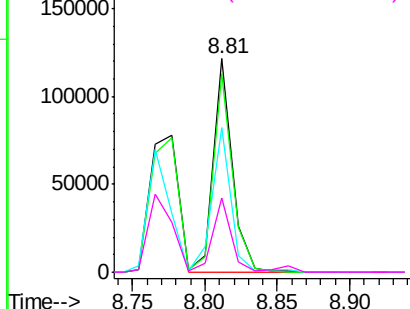
#43
 2,4,5-Trichlorophenol
 Concen: 38.29 ng
 RT: 8.81 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	78.3	117.5
97	67.5	42.7	64.1#
132	34.7	23.3	34.9

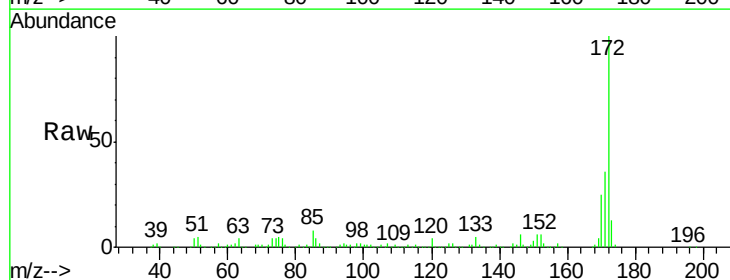


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

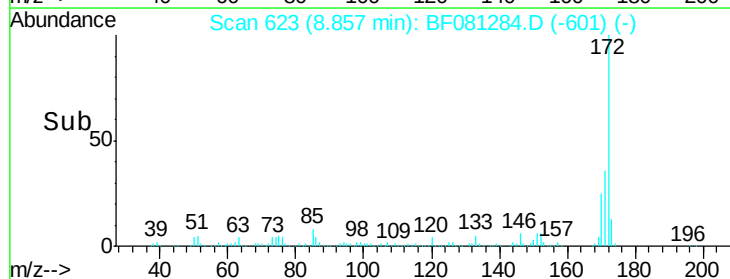
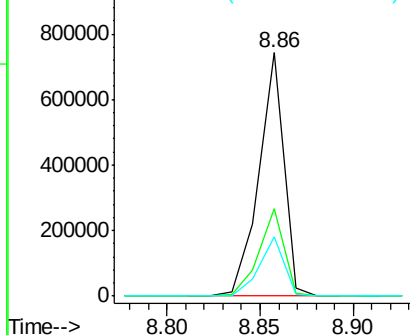


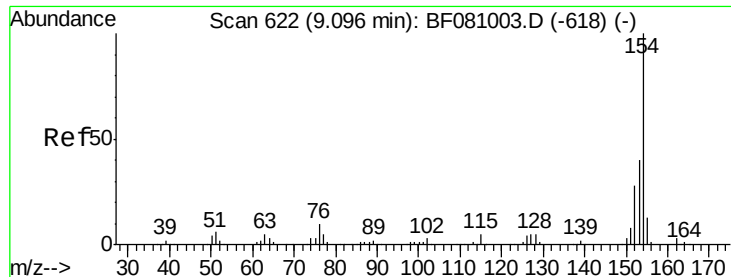
#44
 2-Fluorobiphenyl
 Concen: 70.93 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.5	19.4	29.2



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: 33.58 ng

RT: 8.95 min Scan# 631

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

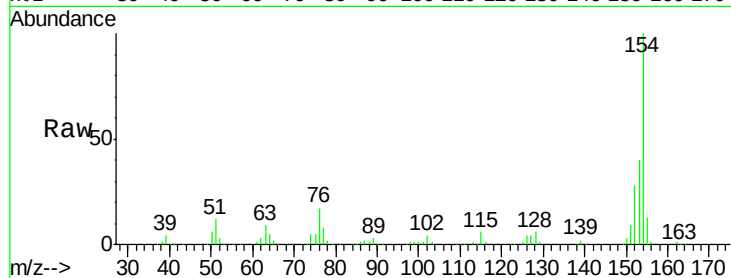
Tot Ion:154 Resp: 373976

Ion Ratio Lower Upper

154 100

153 40.3 19.5 59.5

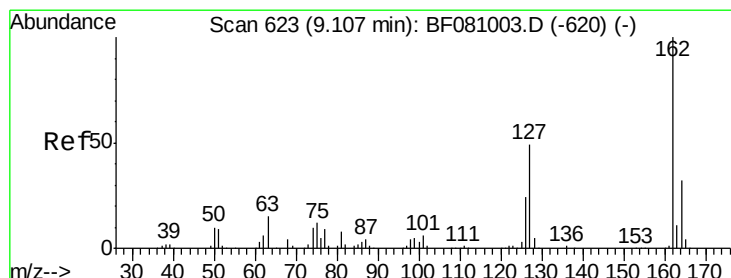
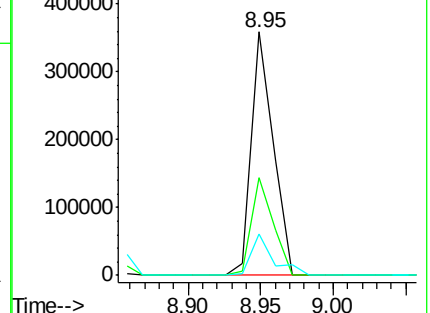
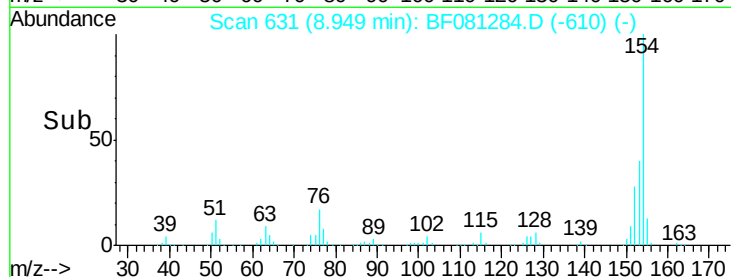
76 16.7 0.0 29.3



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: 36.65 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

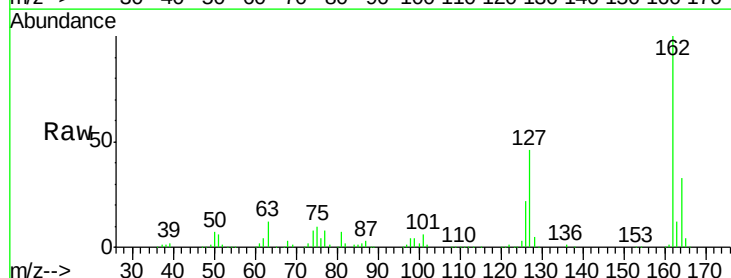
Tgt Ion:162 Resp: 327951

Ion Ratio Lower Upper

162 100

127 45.6 31.3 46.9

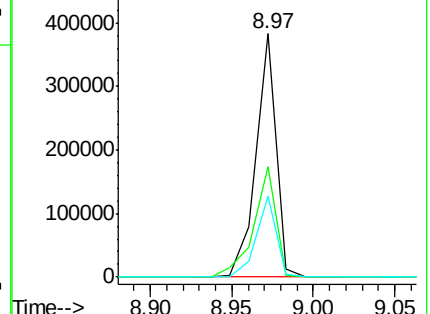
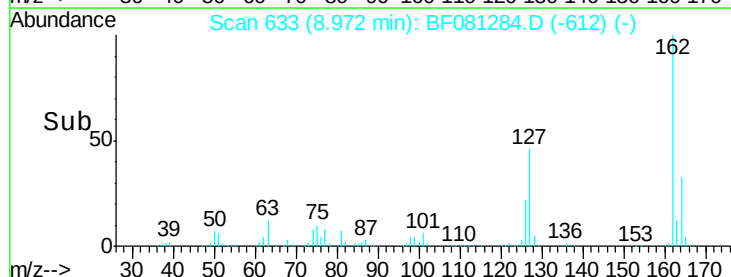
164 33.5 26.3 39.5

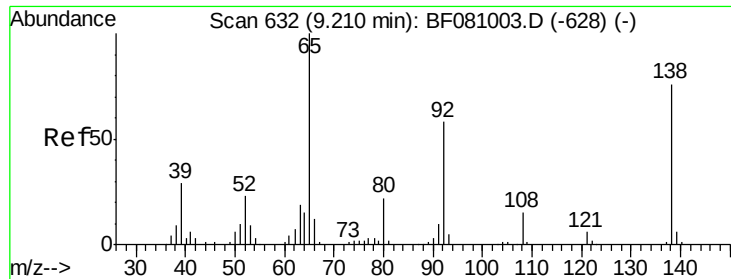


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

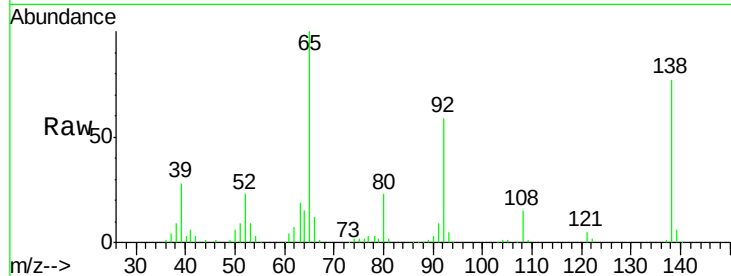




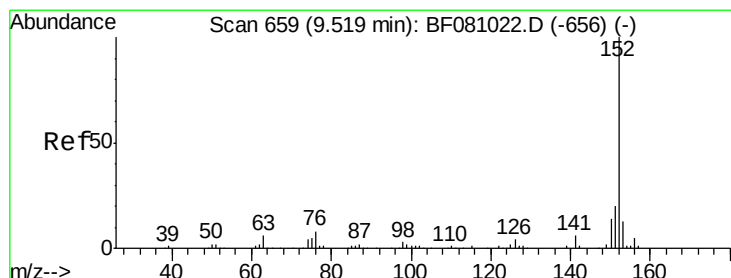
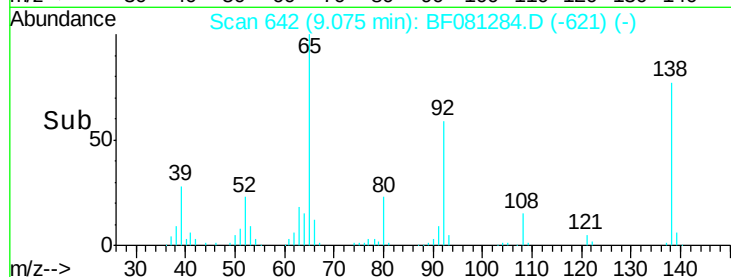
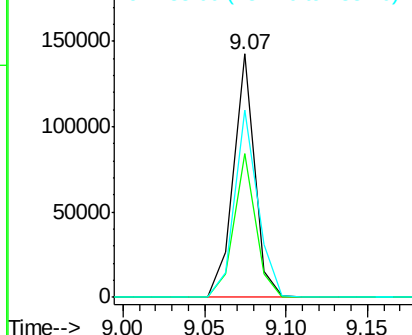
#47
 2-Nitroaniline
 Concen: 34.72 ng
 RT: 9.07 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 127111
 Ion Ratio Lower Upper
 65 100
 92 59.1 45.6 68.4
 138 76.8 57.9 86.9

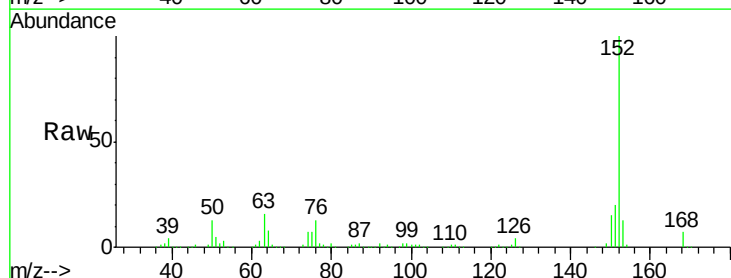


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

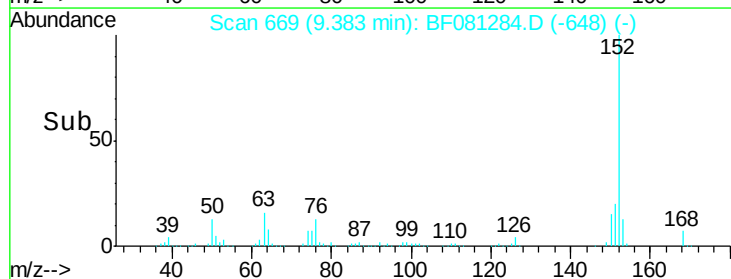
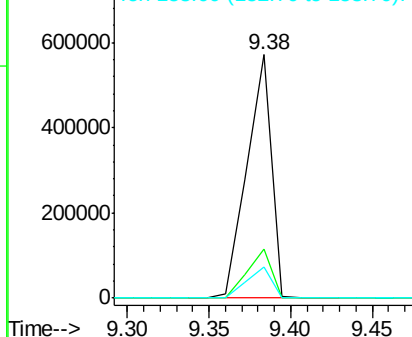


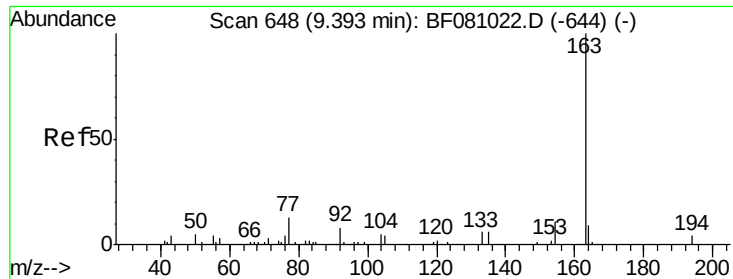
#48
 Acenaphthylene
 Concen: 36.94 ng
 RT: 9.38 min Scan# 669
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion: 152 Resp: 591318
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.1 24.1
 153 12.9 9.8 14.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 33.50 ng

RT: 9.27 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

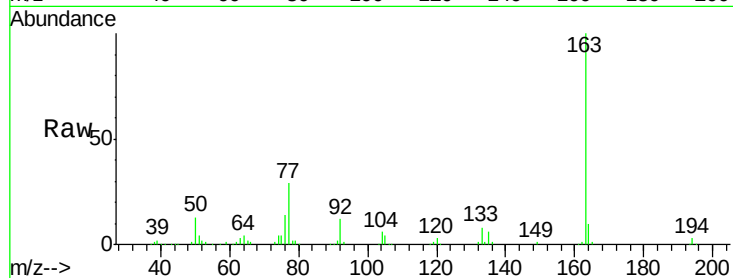
Tot Ion:163 Resp: 348830

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

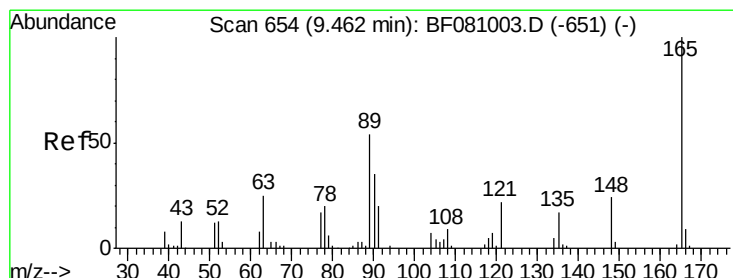
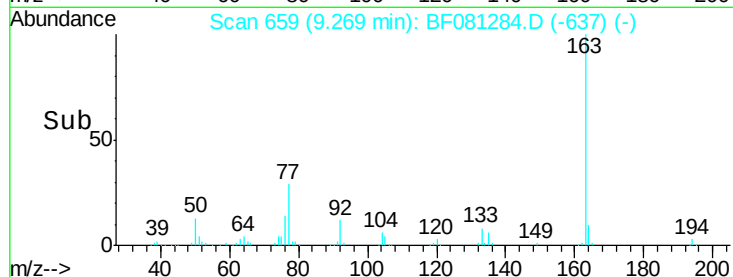
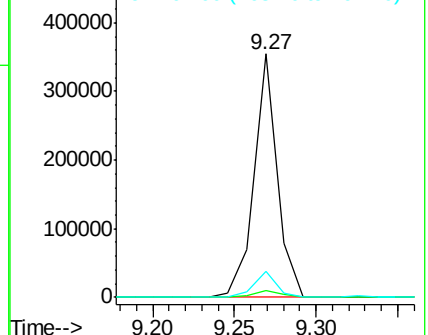
164 10.5 8.1 12.1



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: 36.99 ng

RT: 9.33 min Scan# 664

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

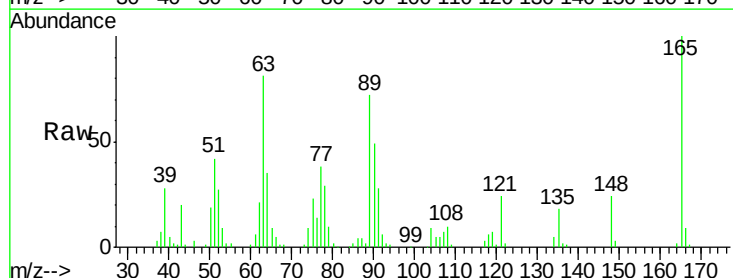
Tgt Ion:165 Resp: 82705

Ion Ratio Lower Upper

165 100

63 81.1 49.5 74.3#

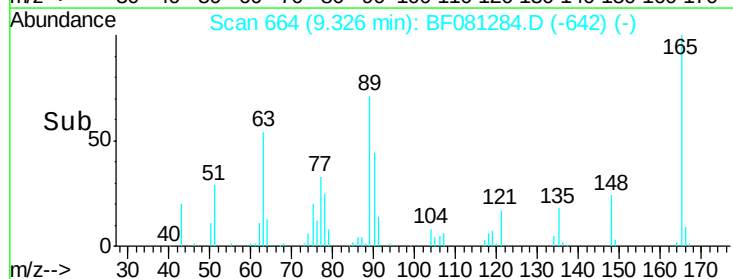
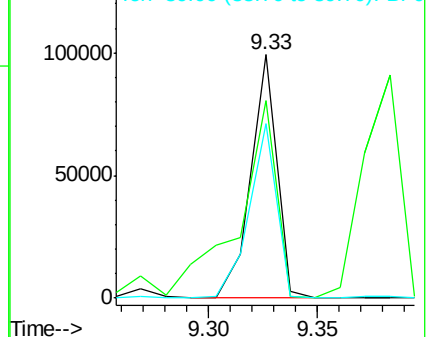
89 71.9 47.6 71.4#

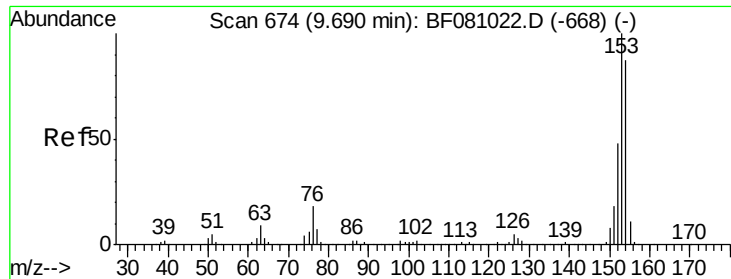


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.03 ng

RT: 9.55 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampled :

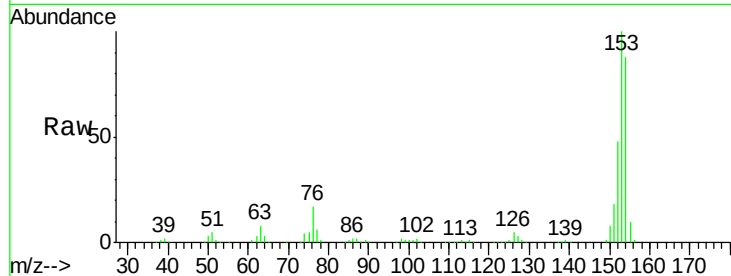
Tot Ion:154 Resp: 345216

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

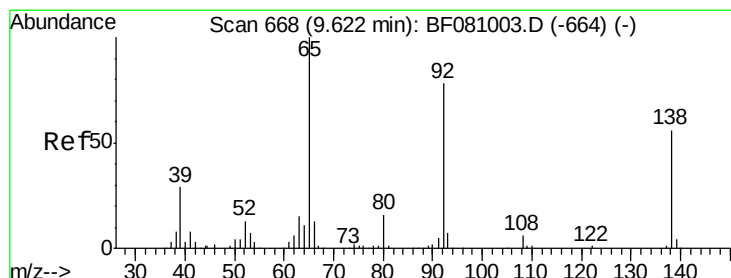
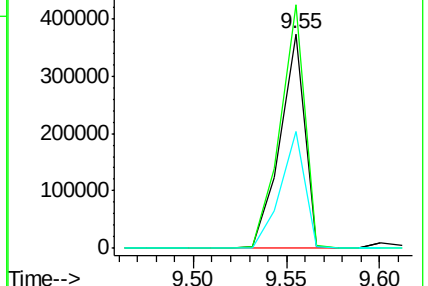
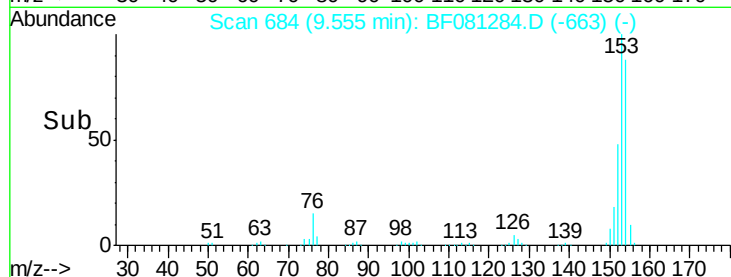
152 54.7 43.7 65.5



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: 35.33 ng

RT: 9.49 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

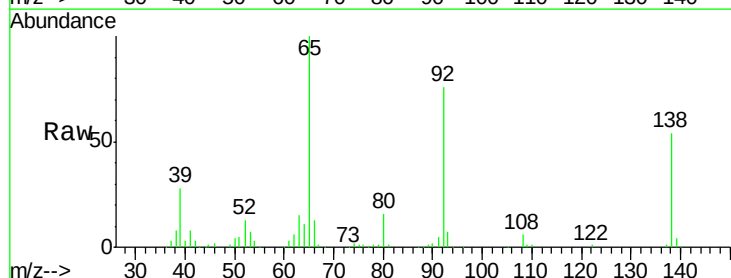
Tgt Ion:138 Resp: 98844

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

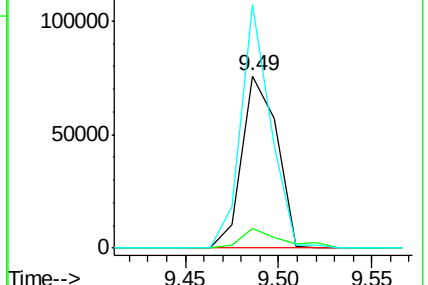
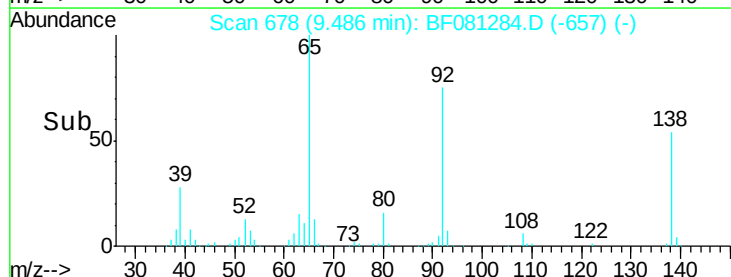
92 141.2 113.2 169.8

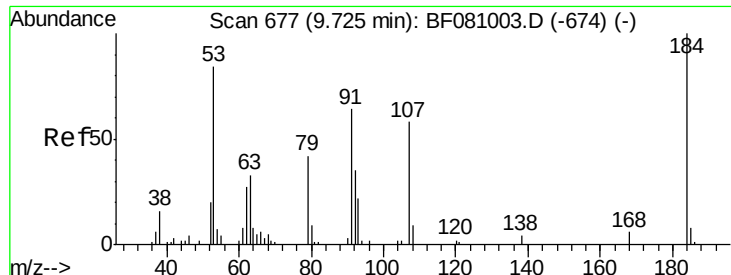


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

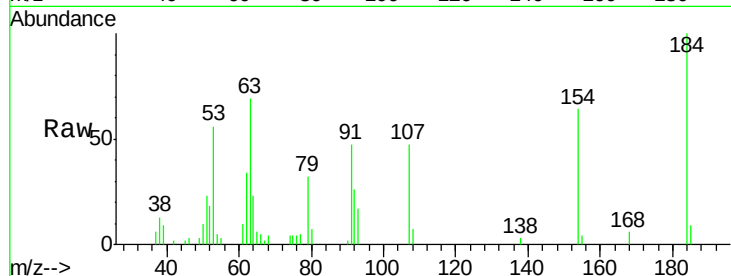




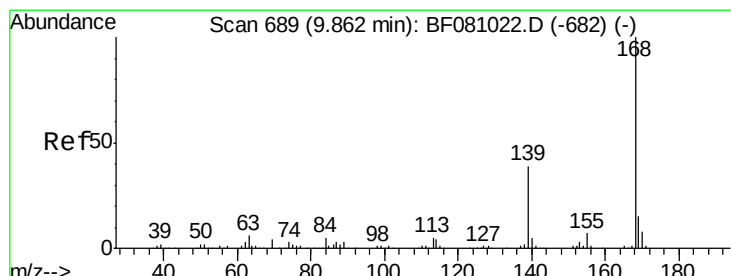
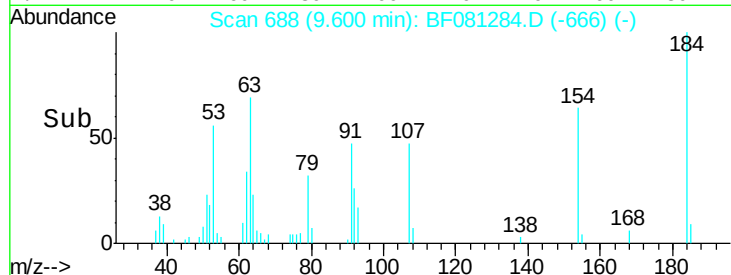
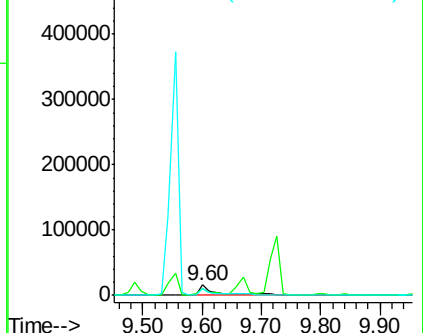
#53
 2,4-Dinitrophenol
 Concen: 37.54 ng
 RT: 9.60 min Scan# 688
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 40227
 Ion Ratio Lower Upper
 184 100
 63 68.6 101.7 152.5#
 154 64.0 67.4 101.0#

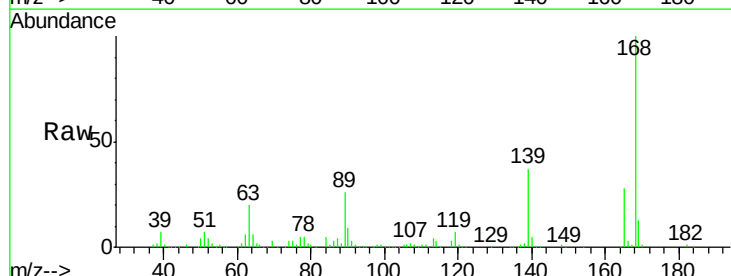


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

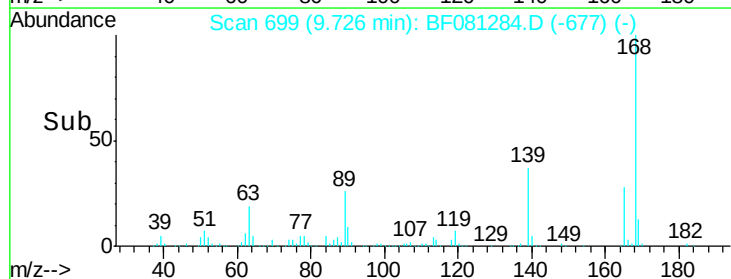
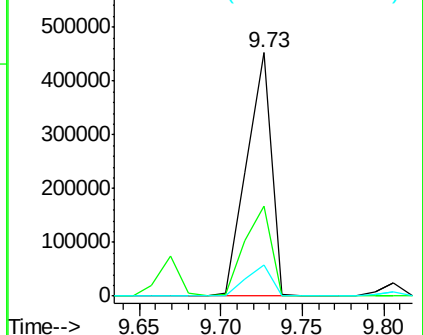


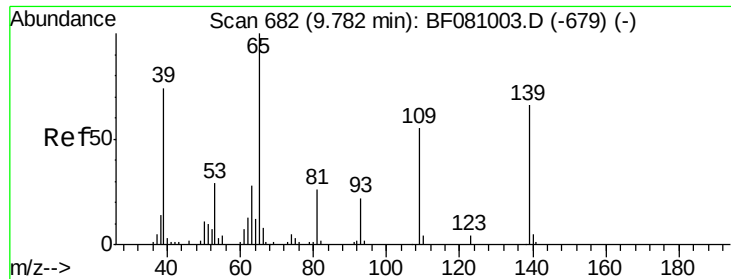
#54
 Dibenzofuran
 Concen: 36.95 ng
 RT: 9.73 min Scan# 699
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion:168 Resp: 474453
 Ion Ratio Lower Upper
 168 100
 139 37.2 29.3 43.9
 169 13.0 10.3 15.5



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: 35.45 ng

RT: 9.67 min Scan# 694

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

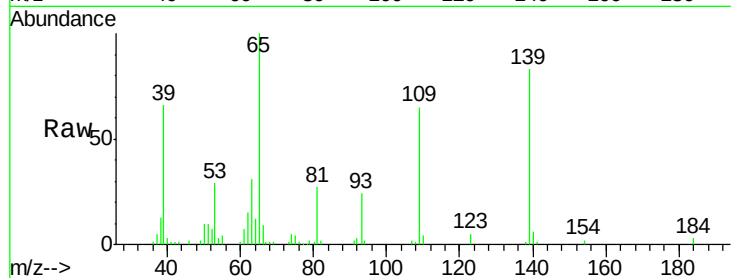
Tot Ion:139 Resp: 69662

Ion Ratio Lower Upper

139 100

109 77.9 80.0 120.0#

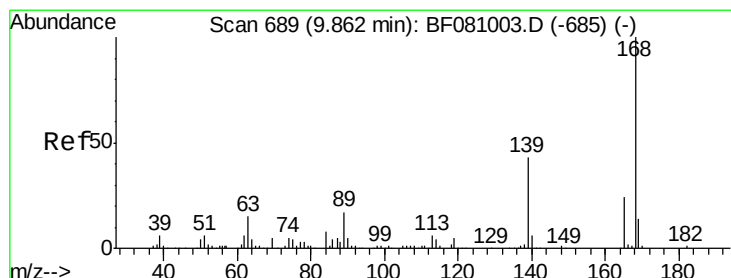
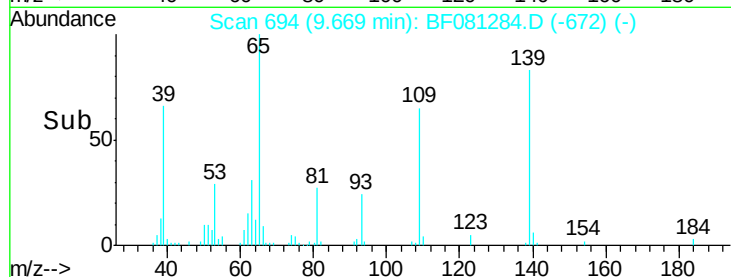
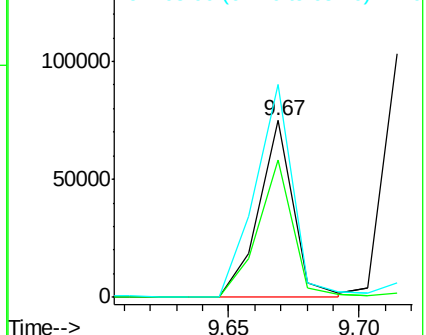
65 120.1 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.62 ng

RT: 9.73 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Tgt Ion:165 Resp: 114450

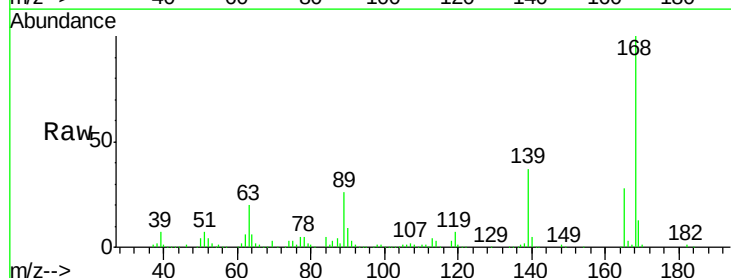
Ion Ratio Lower Upper

165 100

63 71.4 52.2 78.4

89 94.3 60.1 90.1#

182 1.9 1.8 2.6

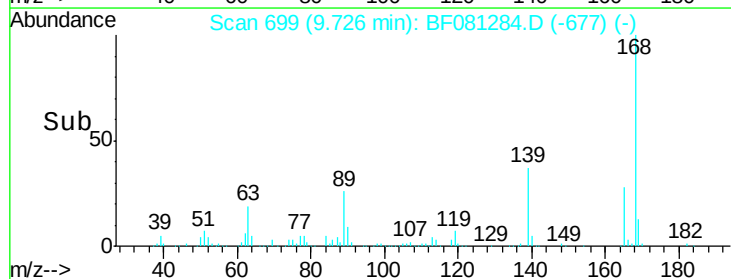
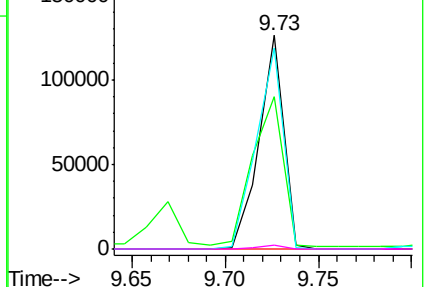


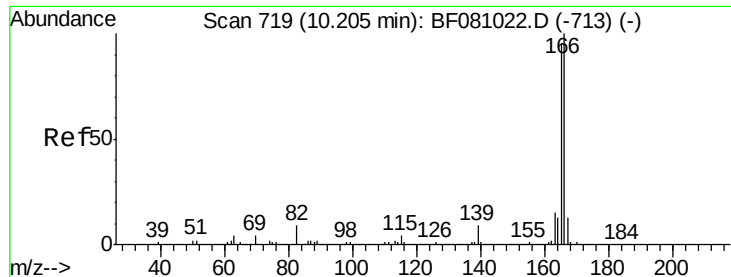
Abundance Ion 165.00 (164.70 to 165.70): E

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

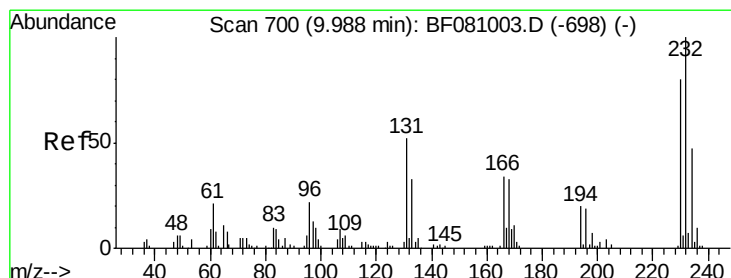
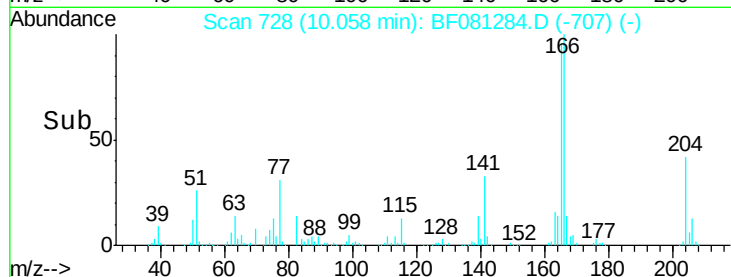
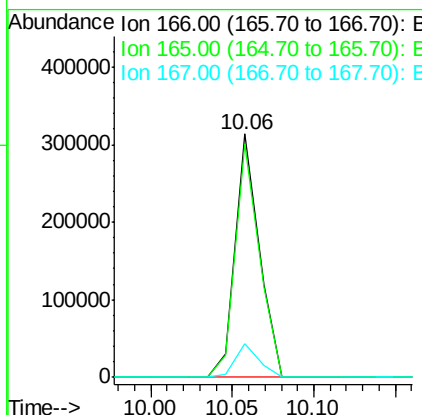
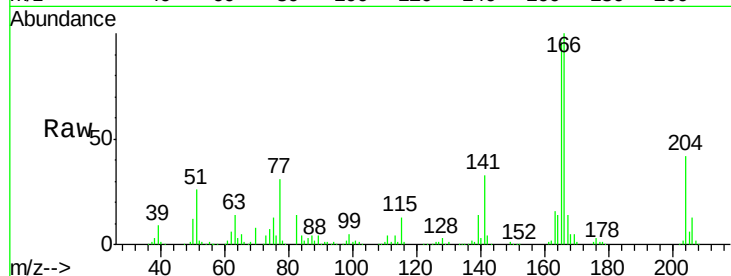




#57
 Fluorene
 Concen: 32.21 ng
 RT: 10.06 min Scan# 728
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

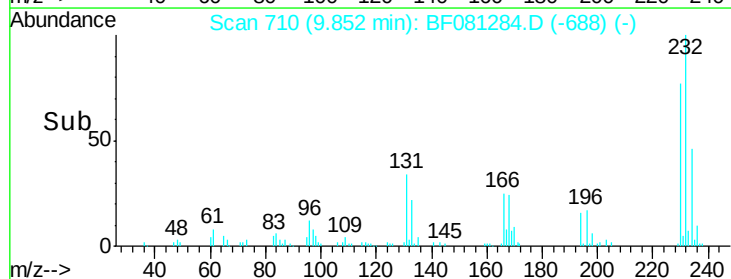
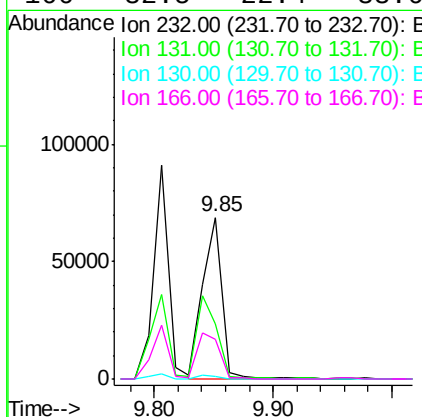
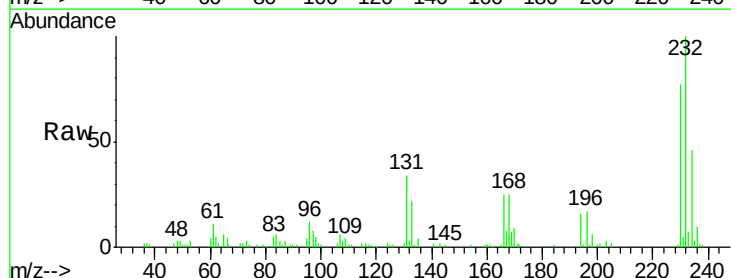
Instrument :
 BNA_F
 ClientSampleId :

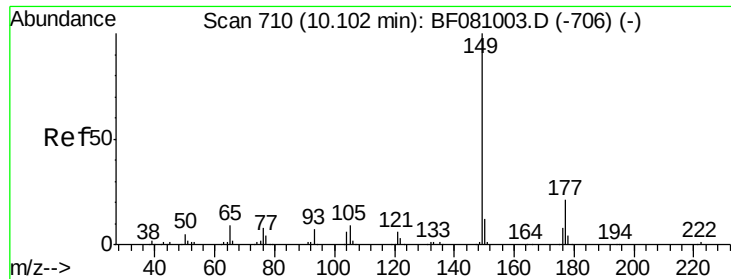
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	75.8	113.8
167	13.9	11.3	16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.63 ng
 RT: 9.85 min Scan# 710
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	42.2	63.4
130	2.6	2.1	3.1
166	32.5	22.4	33.6

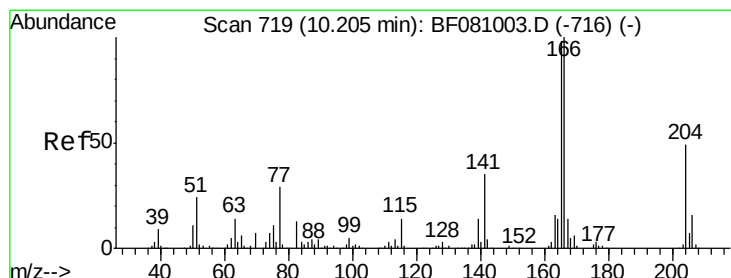
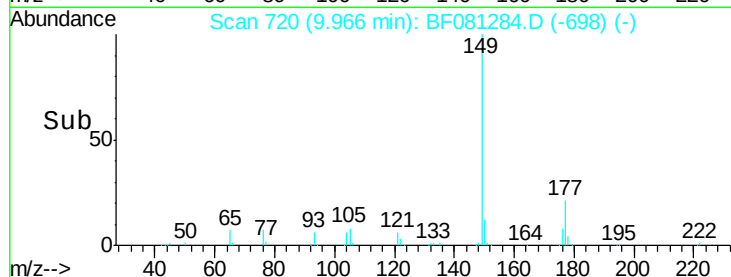
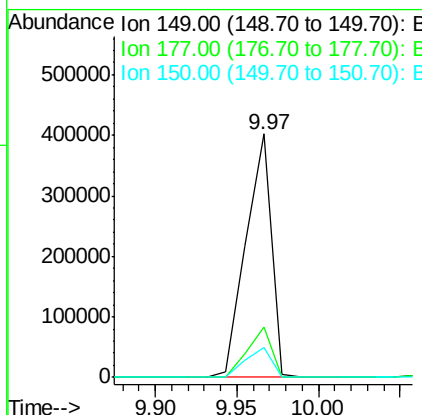
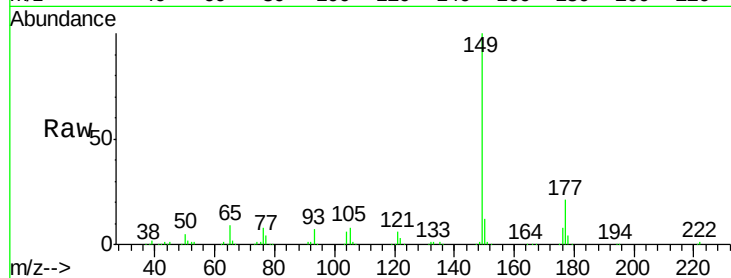




#59
Diethylphthalate
Concen: 39.42 ng
RT: 9.97 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

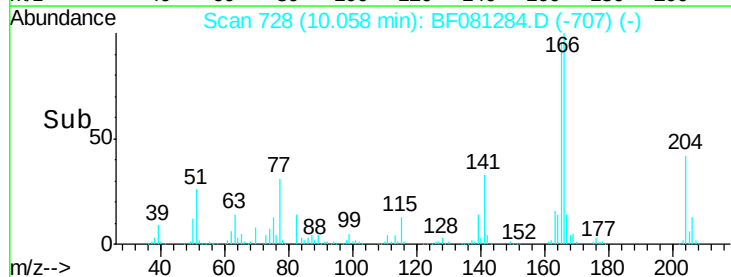
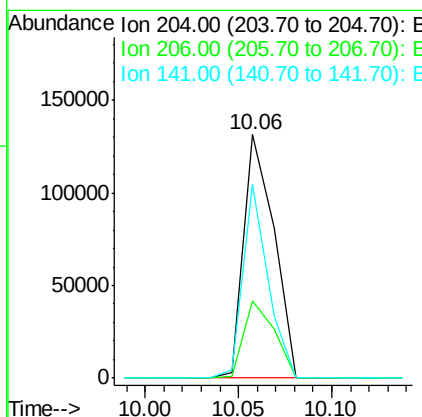
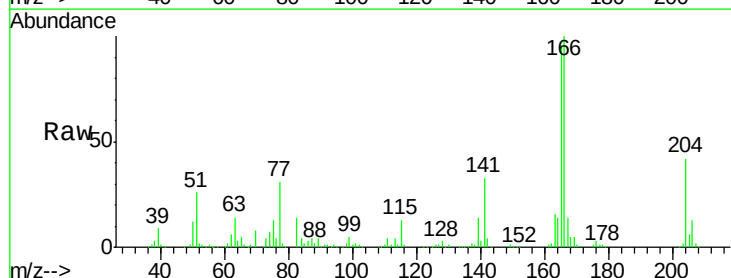
Instrument :
BNA_F
ClientSampleId :

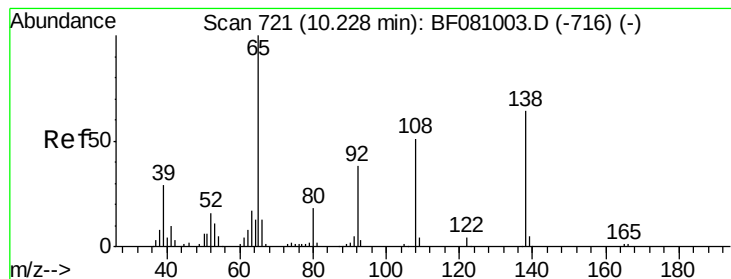
Tot Ion:149 Resp: 434519
Ion Ratio Lower Upper
149 100
177 20.6 14.1 21.1
150 12.2 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 35.48 ng
RT: 10.06 min Scan# 728
Delta R.T. -0.06 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Tgt Ion:204 Resp: 148302
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 79.6 59.6 89.4





#61

4-Nitroaniline

Concen: 34.66 ng

RT: 10.10 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

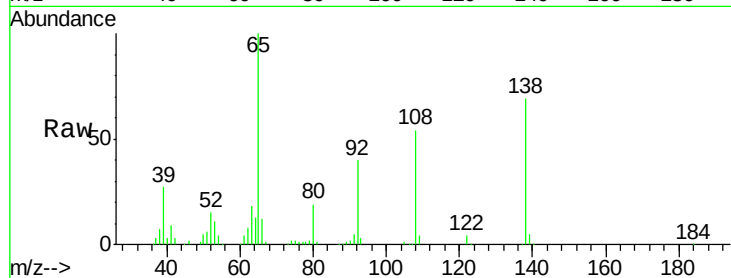
Tot Ion:138 Resp: 99109

Ion Ratio Lower Upper

138 100

92 57.0 34.7 74.7

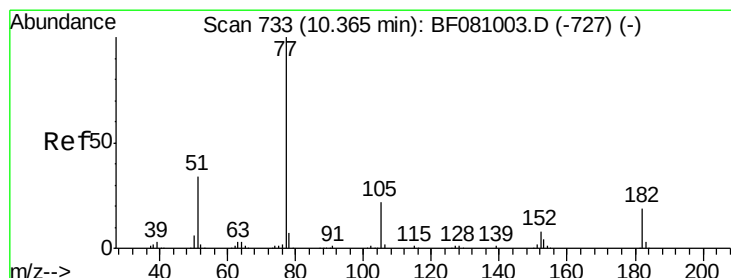
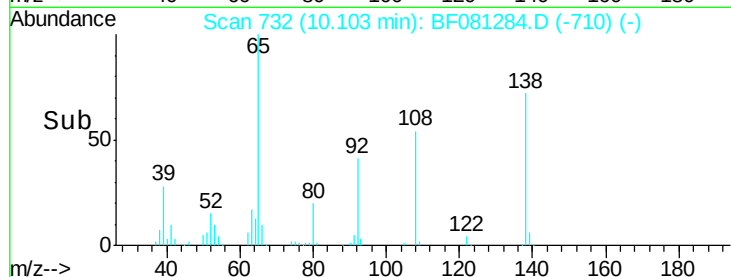
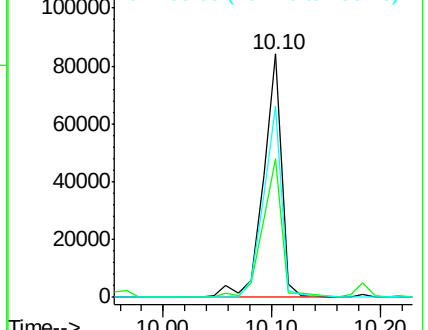
108 78.4 68.9 108.9



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: 34.32 ng

RT: 10.22 min Scan# 742

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Tgt Ion: 77 Resp: 435849

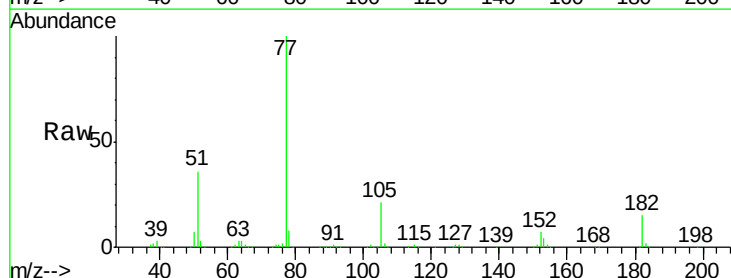
Ion Ratio Lower Upper

77 100

182 15.2 0.0 39.0

105 20.7 0.2 40.2

51 36.0 18.0 58.0

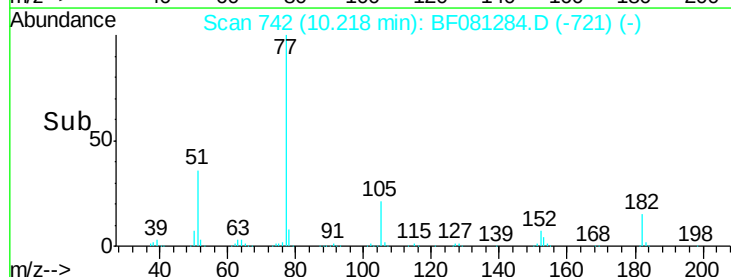
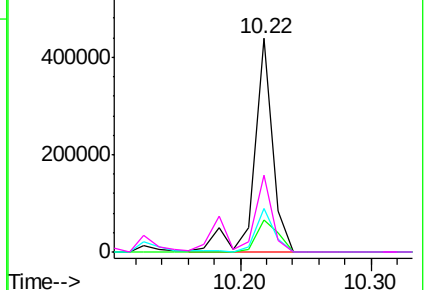


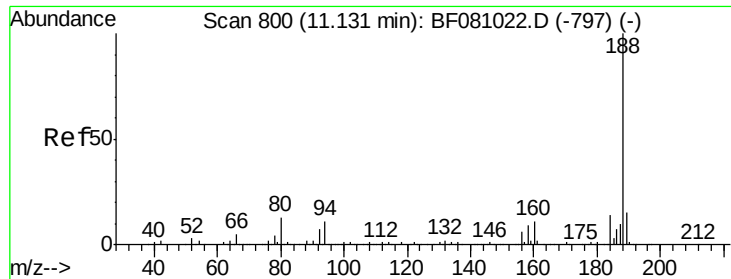
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

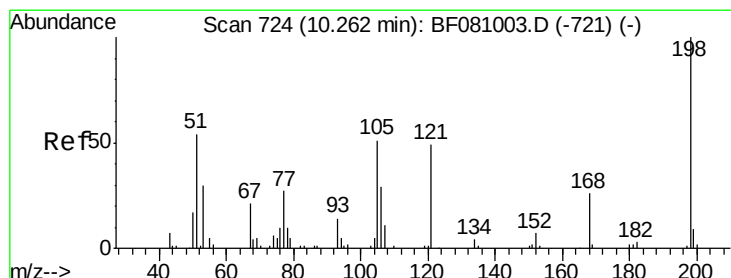
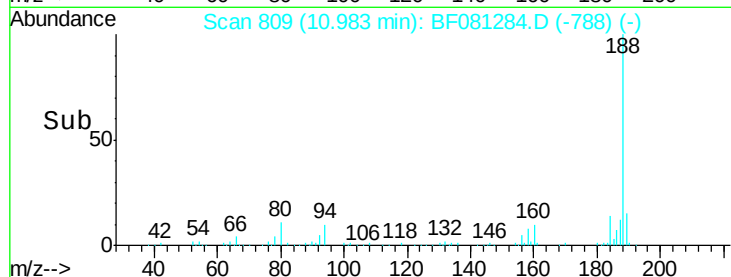
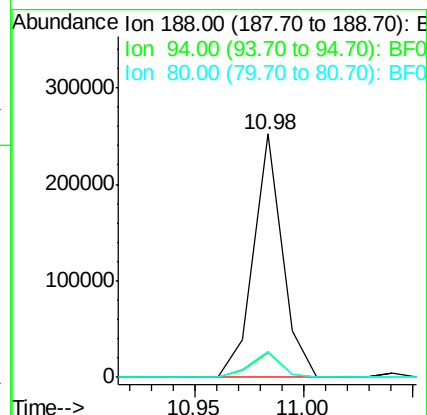
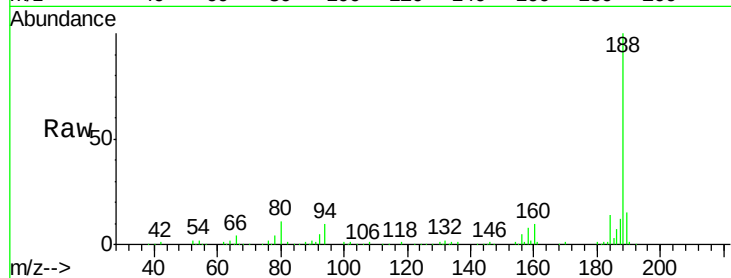




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

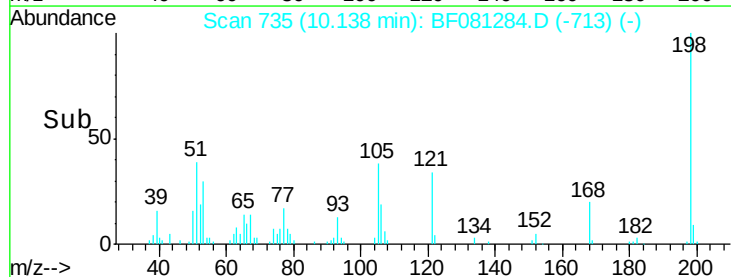
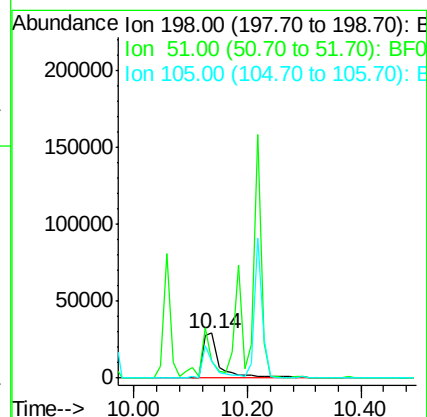
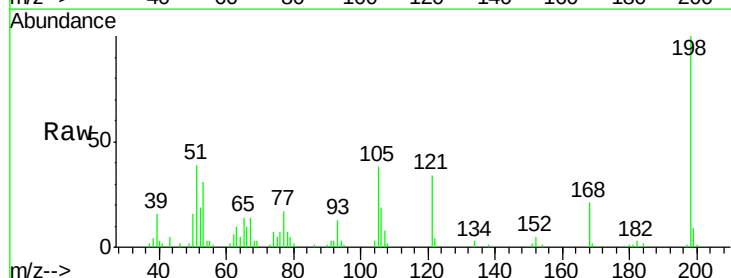
Instrument :
 BNA_F
 ClientSampleId :

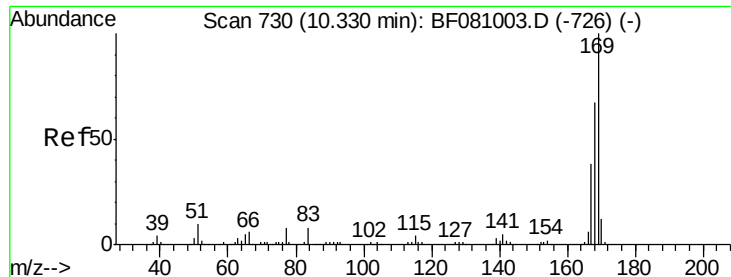
Tot Ion:188 Resp: 232873
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.2 12.2
 80 10.9 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.05 ng
 RT: 10.14 min Scan# 735
 Delta R.T. -0.05 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion:198 Resp: 58486
 Ion Ratio Lower Upper
 198 100
 51 39.0 79.7 119.7#
 105 37.8 47.0 87.0#





#65

n-Nitrosodiphenylamine

Concen: 35.28 ng

RT: 10.18 min Scan# 739

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

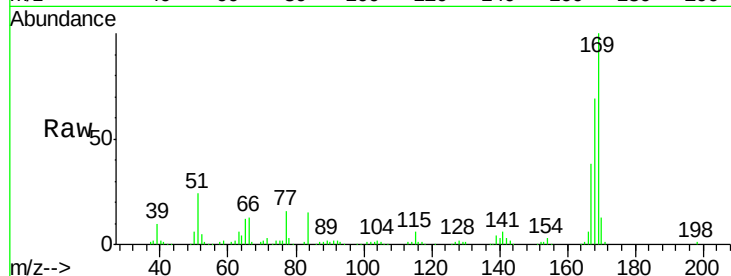
Tot Ion:169 Resp: 293270

Ion Ratio Lower Upper

169 100

168 69.0 55.3 82.9

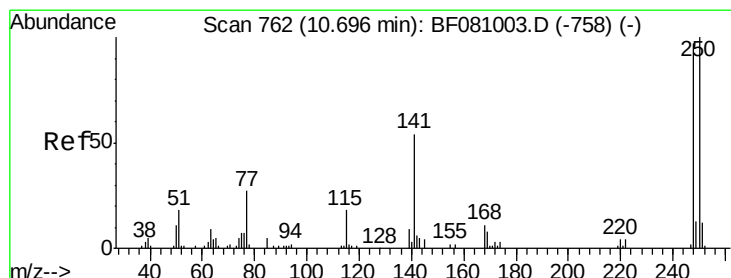
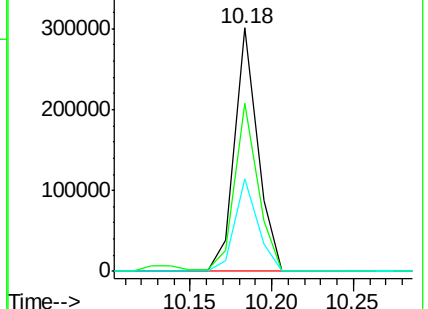
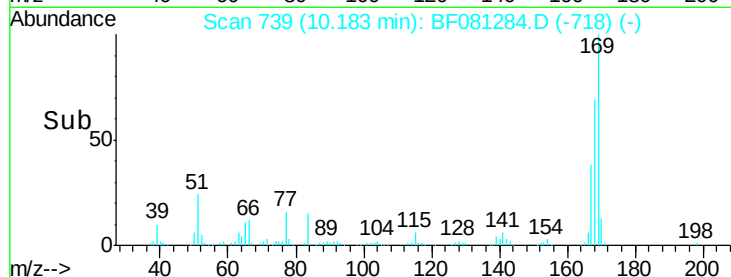
167 38.3 30.8 46.2



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: 42.84 ng

RT: 10.55 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

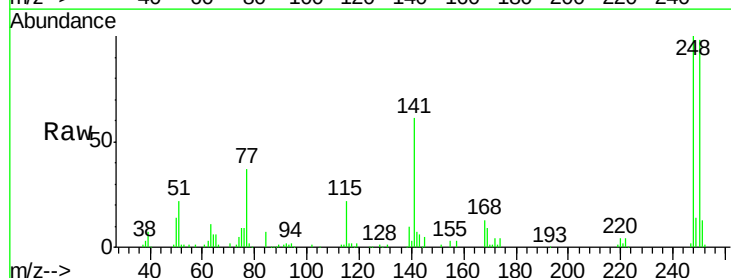
Tgt Ion:248 Resp: 98007

Ion Ratio Lower Upper

248 100

250 98.2 77.8 116.6

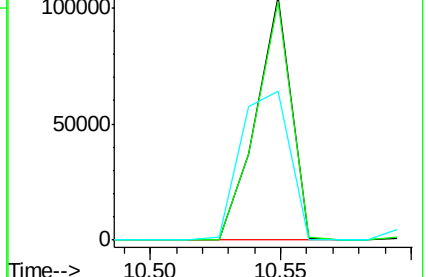
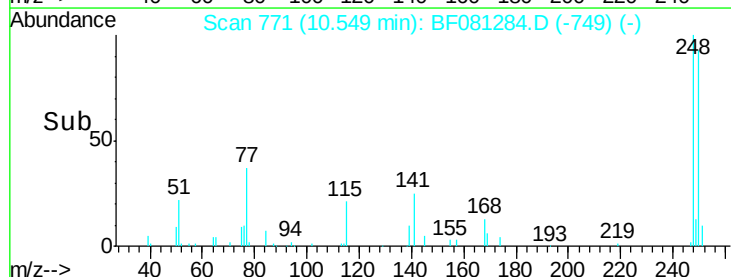
141 61.3 39.8 59.6#

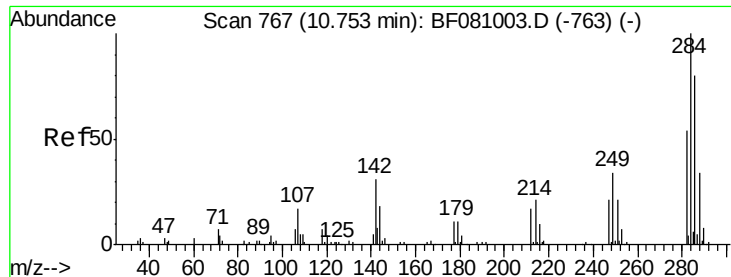


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

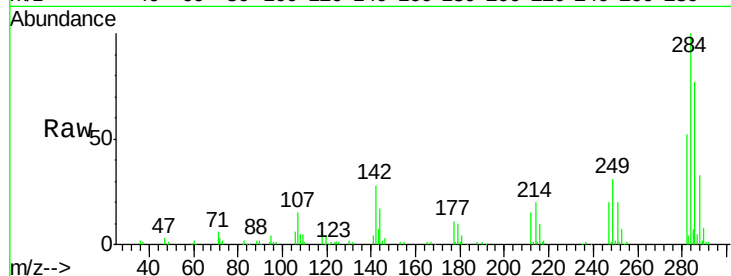




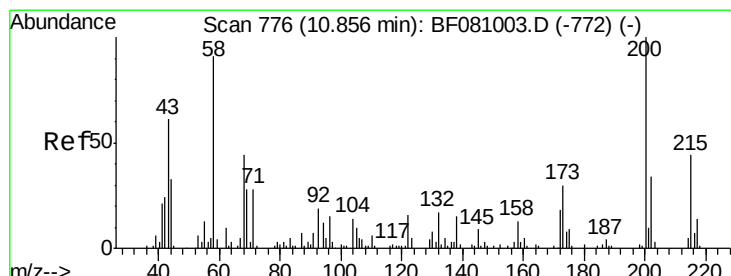
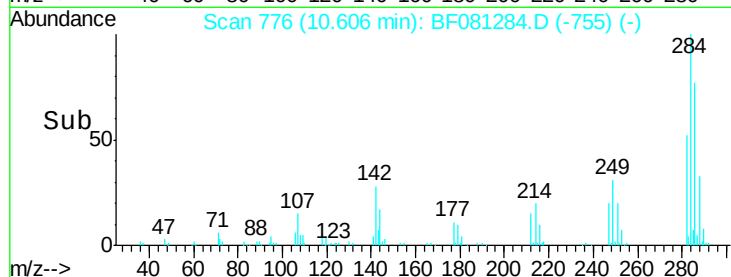
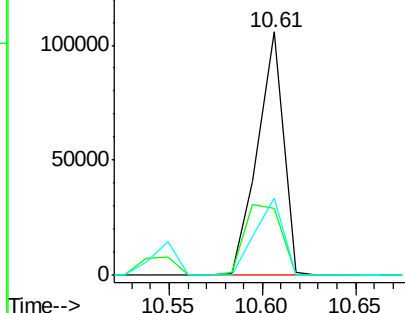
#67
Hexachlorobenzene
Concen: 44.03 ng
RT: 10.61 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.8	25.4	38.0
249	31.5	28.5	42.7

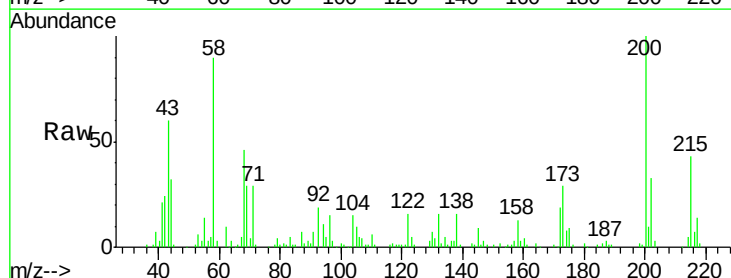


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

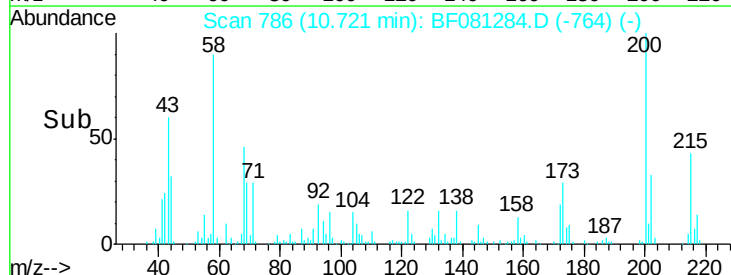
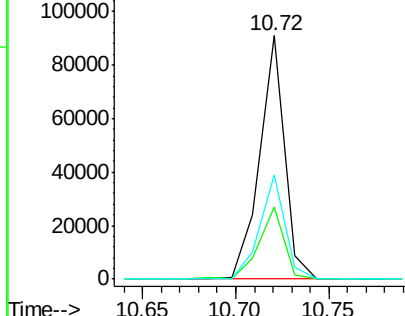


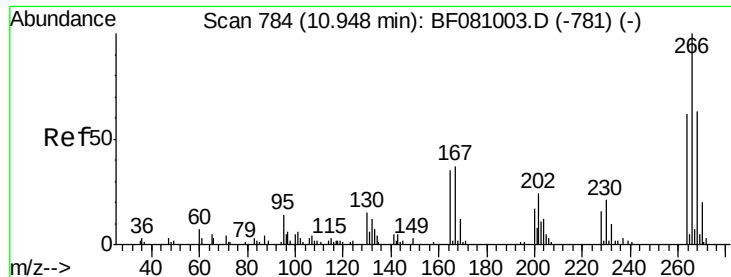
#68
Atrazine
Concen: 36.82 ng
RT: 10.72 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.1	48.1
215	42.7	23.3	63.3



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

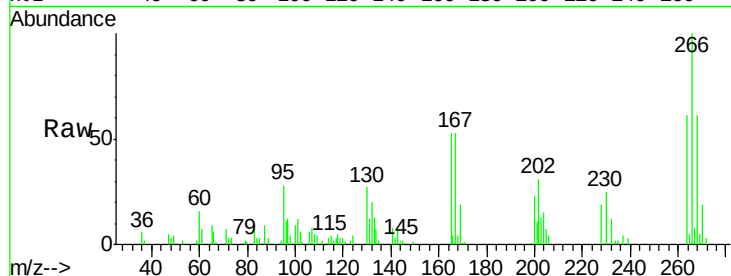




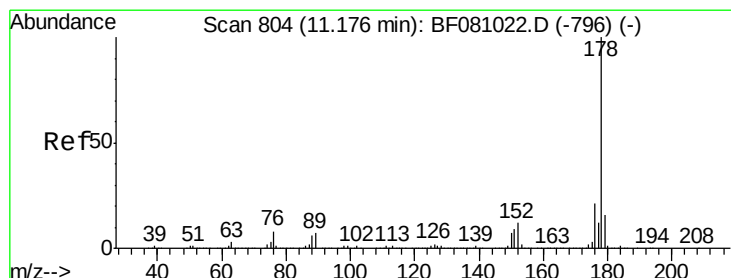
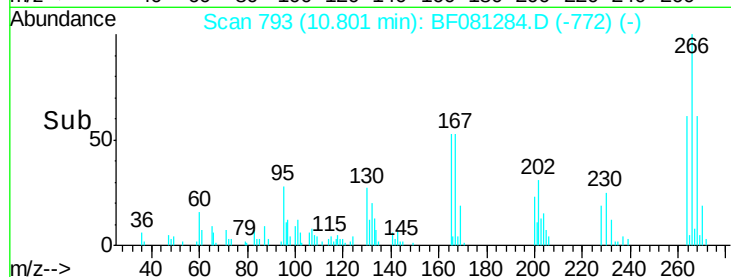
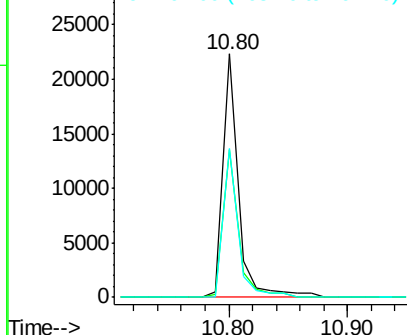
#69
 Pentachlorophenol
 Concen: 14.22 ng
 RT: 10.80 min Scan# 793
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 19771
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.2 76.8
 264 61.2 50.6 75.8

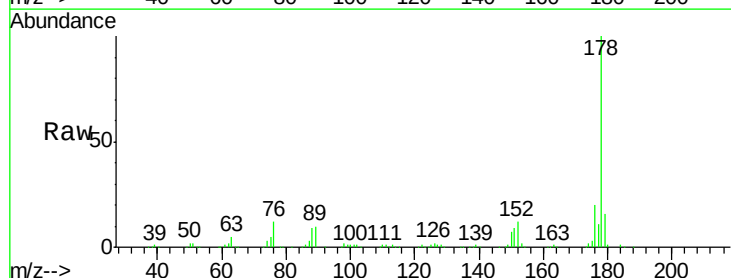


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

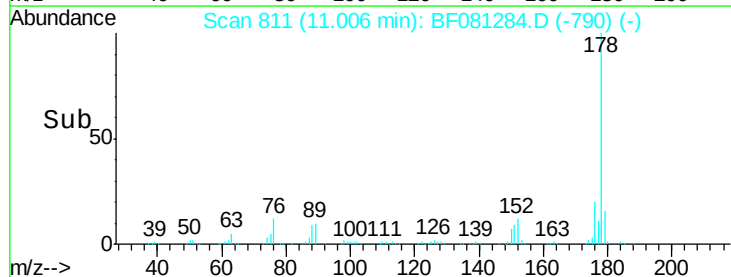
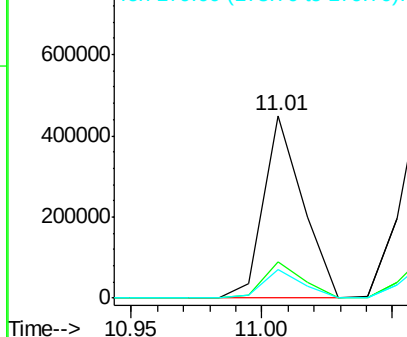


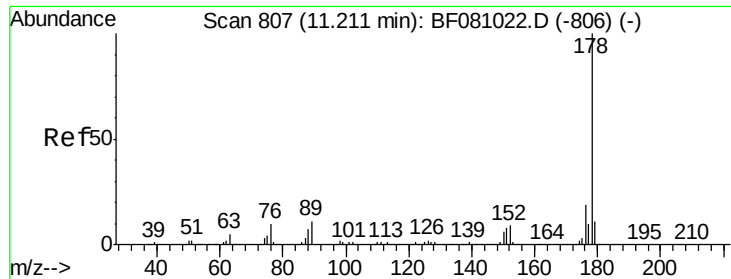
#70
 Phenanthrene
 Concen: 34.18 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion:178 Resp: 471763
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.8 12.2 18.2



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

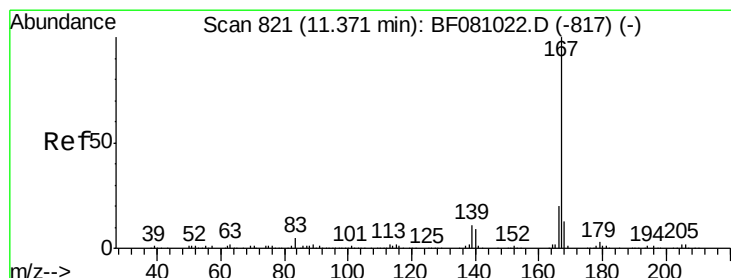
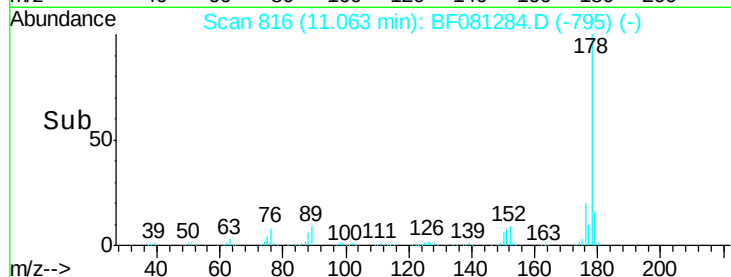
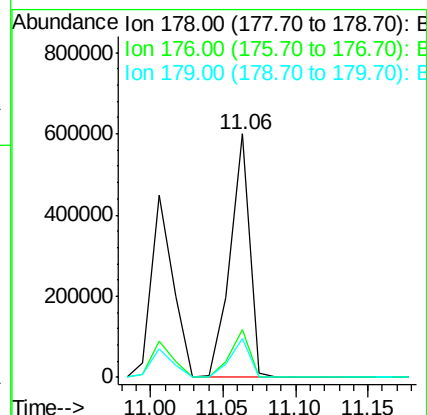
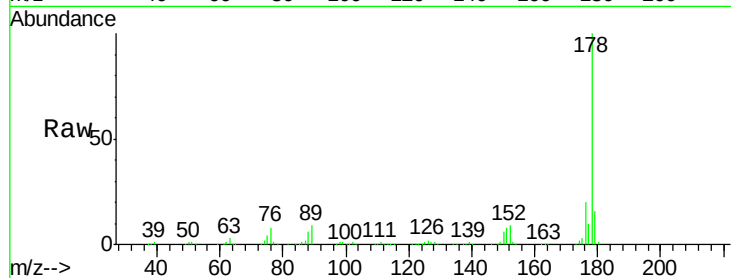




#71
 Anthracene
 Concen: 41.49 ng
 RT: 11.06 min Scan# 816
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

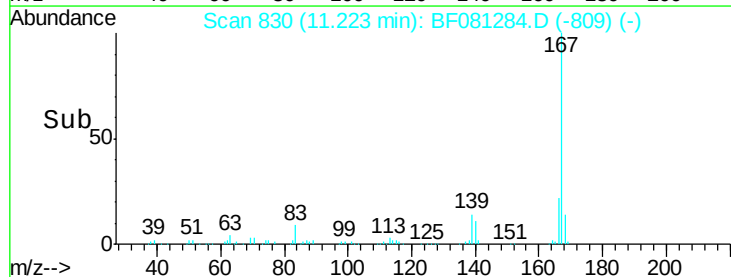
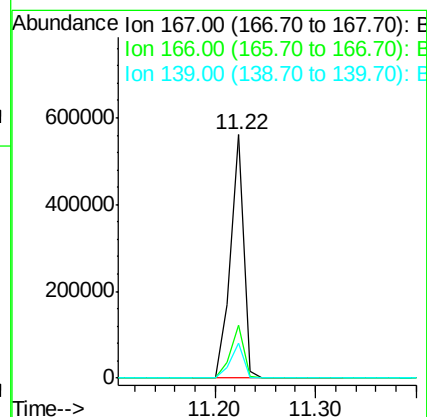
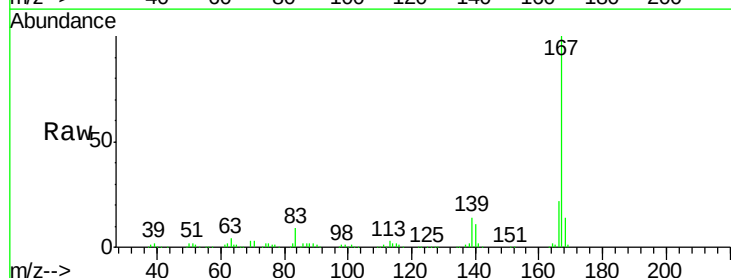
Instrument :
 BNA_F
 ClientSampleId :

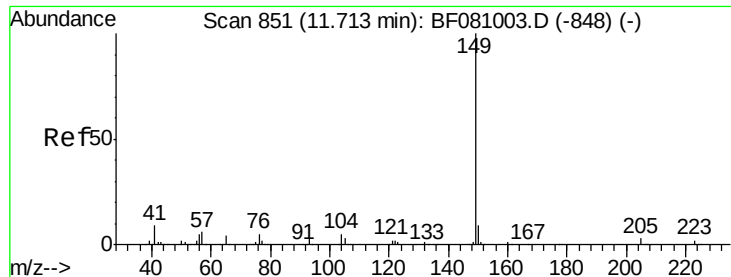
Tot Ion:178 Resp: 557160
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 39.84 ng
 RT: 11.22 min Scan# 830
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion:167 Resp: 515143
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 14.3 10.6 16.0





#73

Di-n-butylphthalate

Concen: 40.01 ng

RT: 11.57 min Scan# 860

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

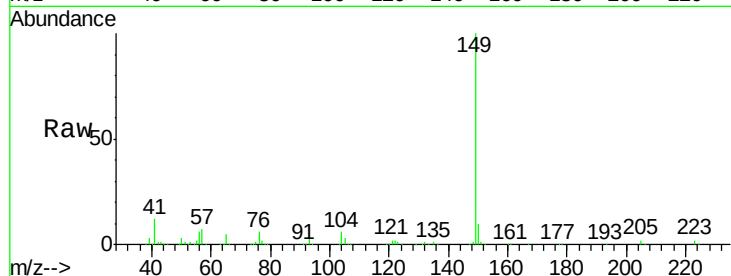
Tot Ion:149 Resp: 625922

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

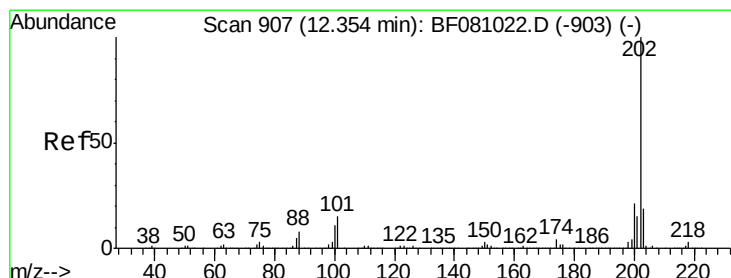
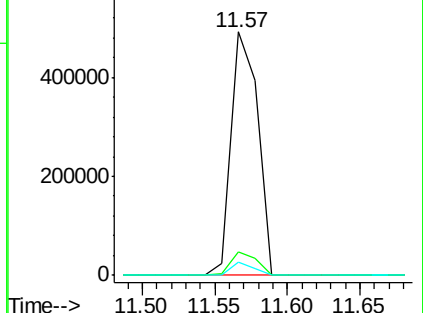
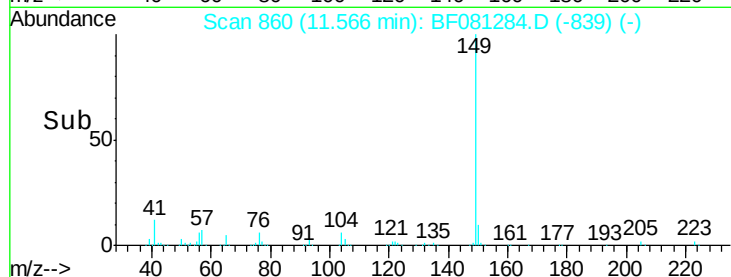
104 5.6 3.9 5.9



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: 36.72 ng

RT: 12.18 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

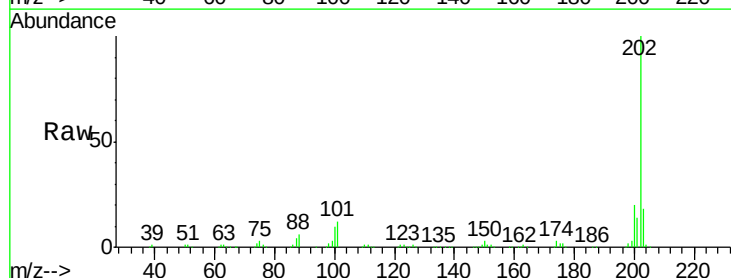
Tgt Ion:202 Resp: 546863

Ion Ratio Lower Upper

202 100

101 12.3 0.0 24.8

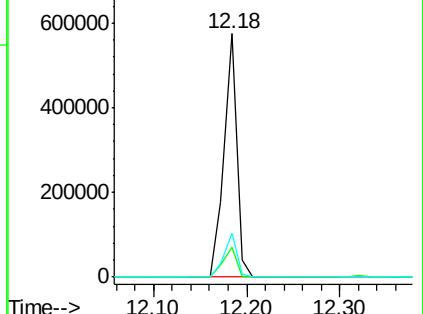
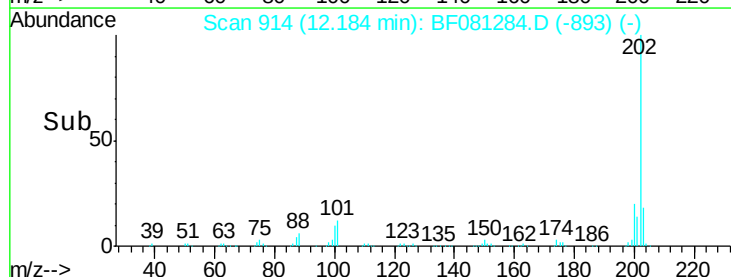
203 18.0 0.0 36.9

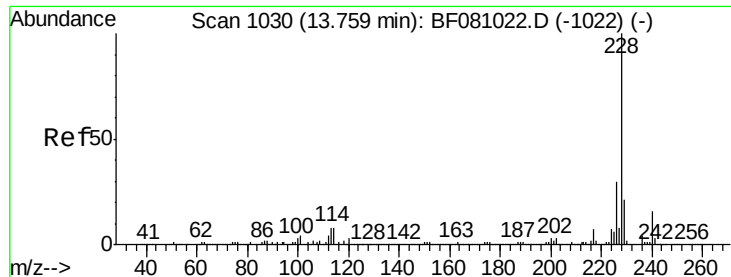


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.60 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

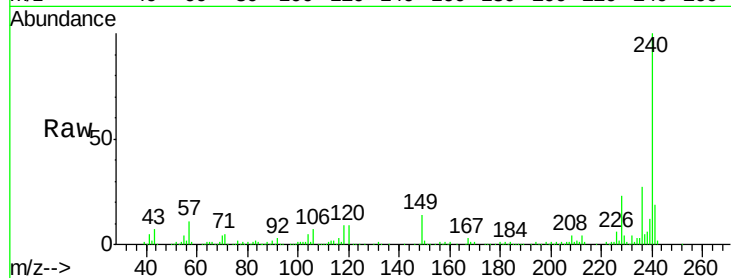
Tot Ion:240 Resp: 192525

Ion Ratio Lower Upper

240 100

120 9.5 5.6 8.4#

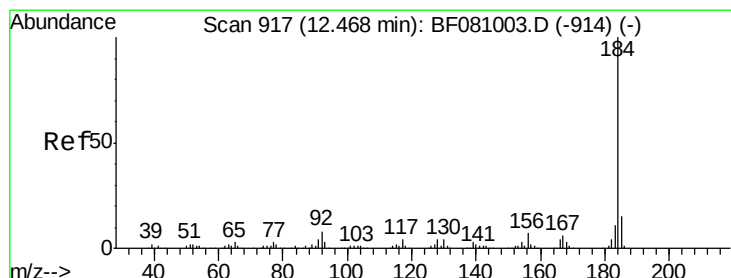
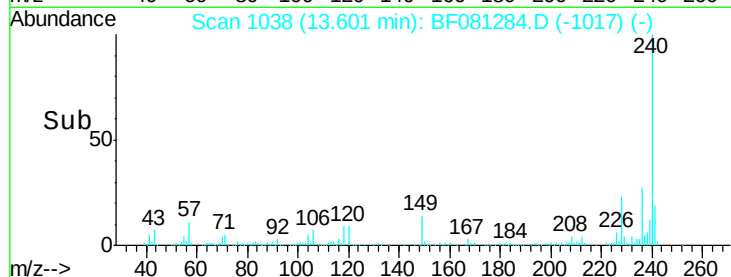
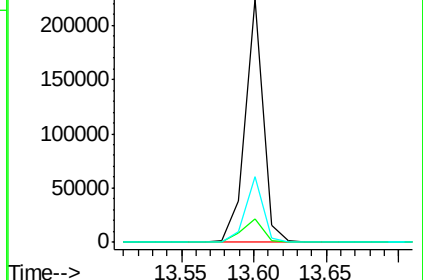
236 26.7 20.6 30.8



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: 41.58 ng

RT: 12.32 min Scan# 926

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

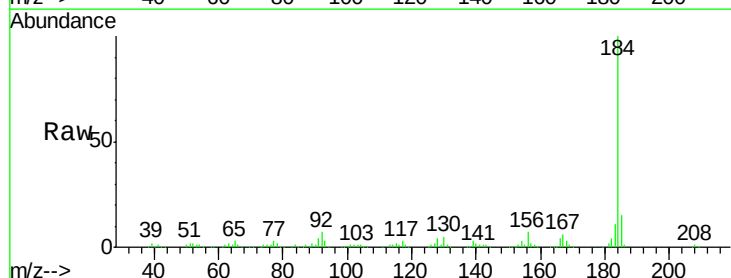
Tgt Ion:184 Resp: 302377

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

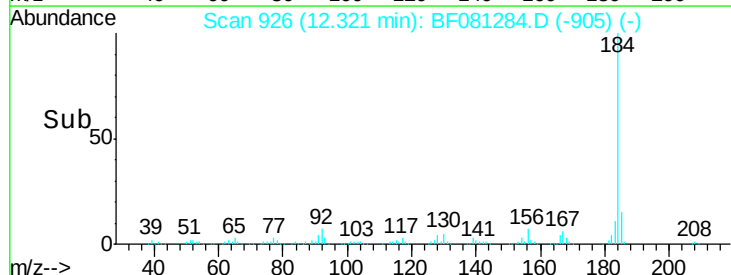
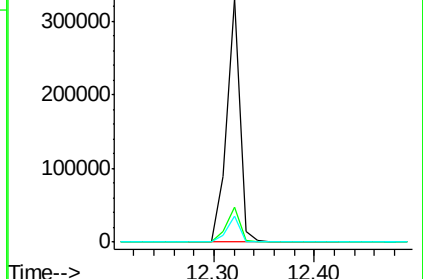
183 10.5 8.9 13.3

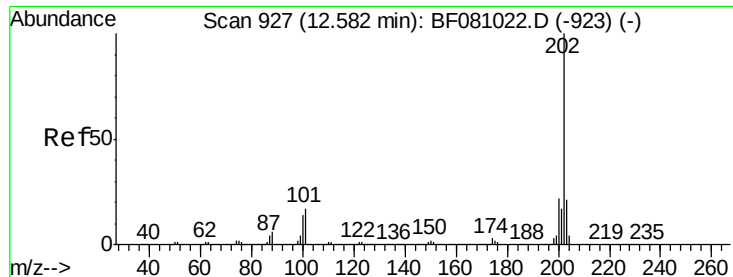


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

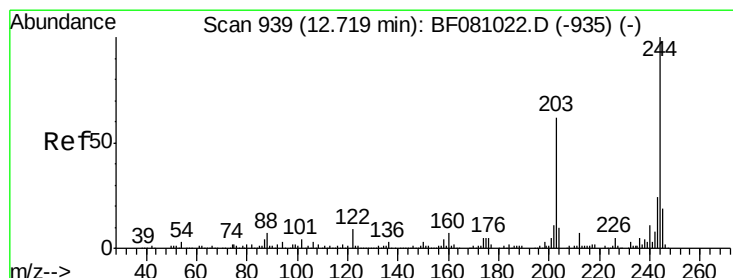
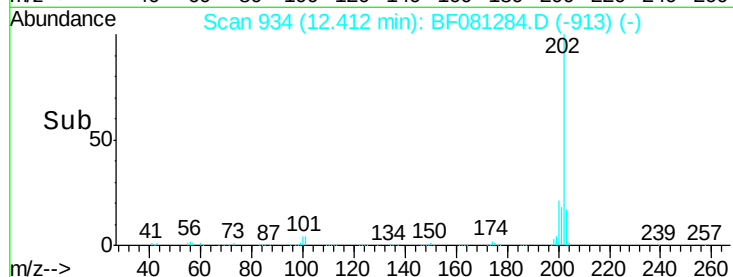
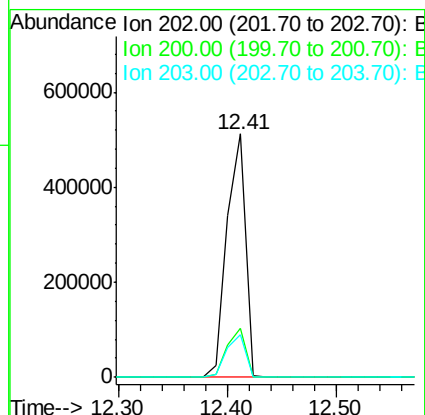
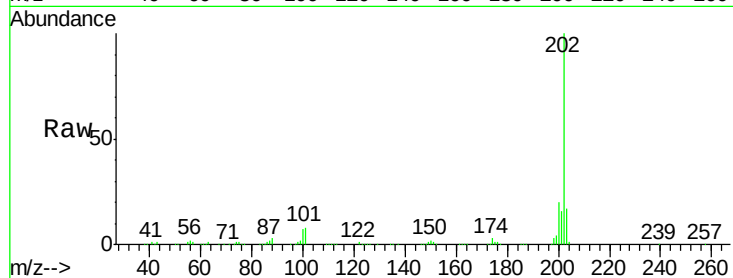




#77
Pvrene
Concen: 38.74 ng
RT: 12.41 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

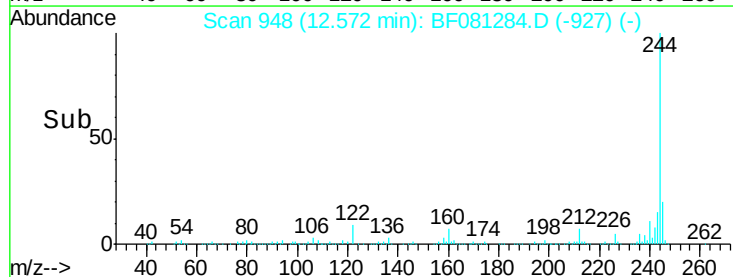
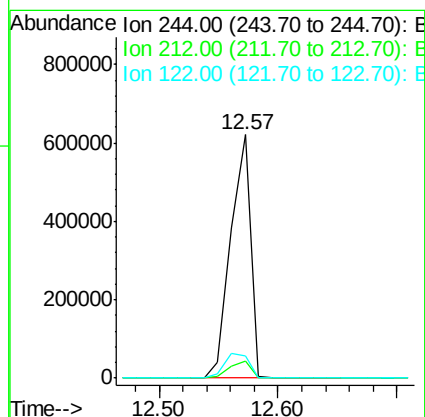
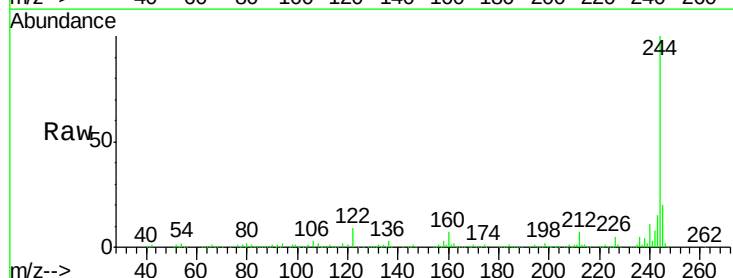
Instrument :
BNA_F
ClientSampleId :

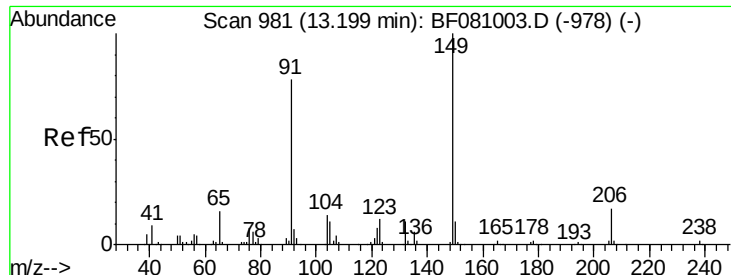
Tot Ion:202 Resp: 606379
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.3 14.1 21.1



#78
Terphenyl-d14
Concen: 80.48 ng
RT: 12.57 min Scan# 948
Delta R.T. -0.06 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Tgt Ion:244 Resp: 722767
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 8.9 8.2 12.4

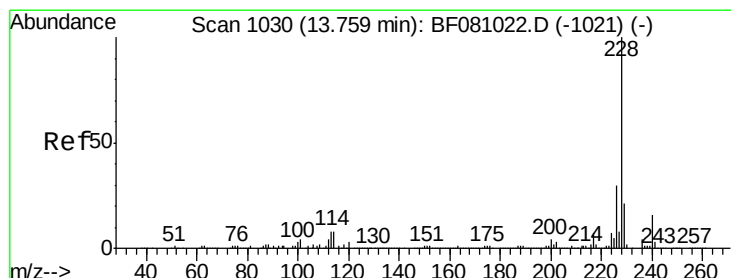
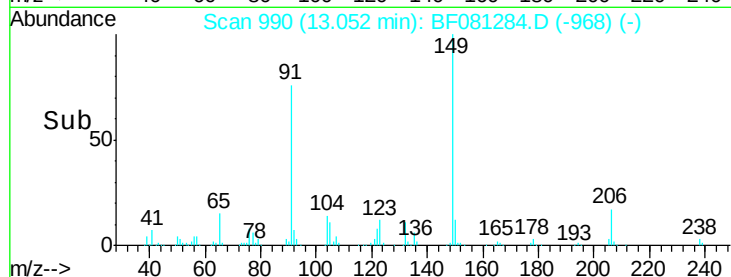
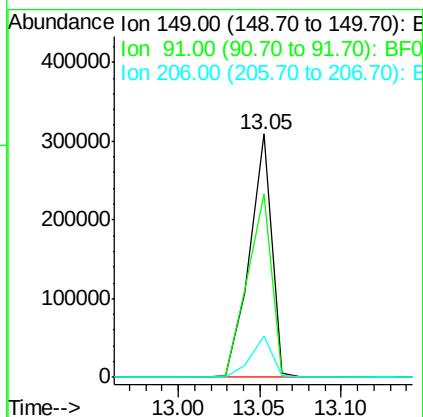
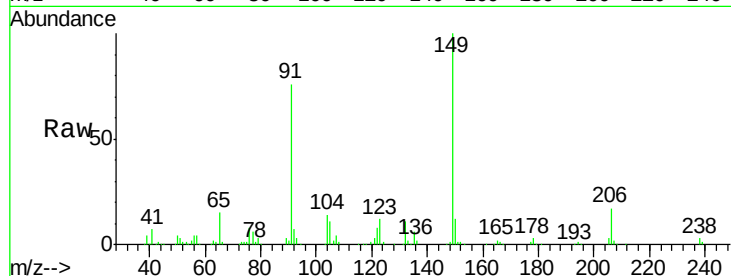




#79
Butylbenzylphthalate
Concen: 43.28 ng
RT: 13.05 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

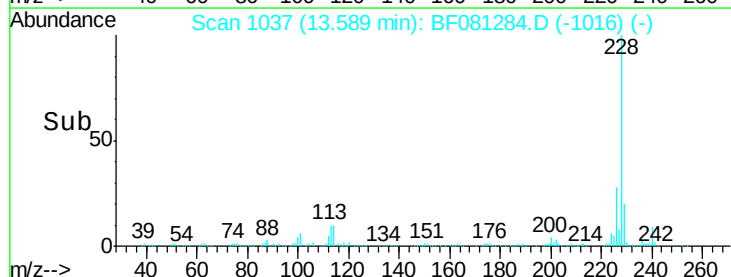
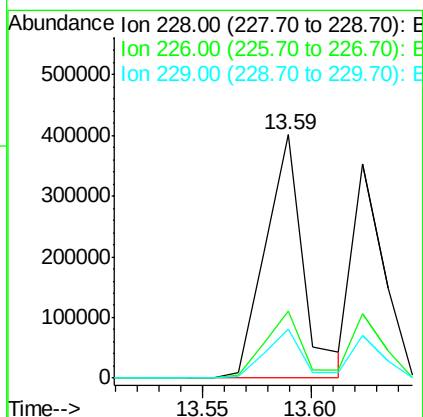
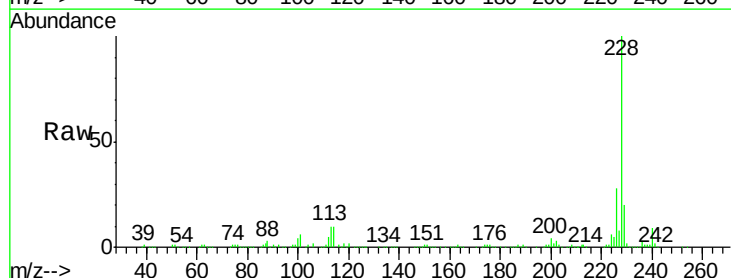
Instrument :
BNA_F
ClientSampleId :

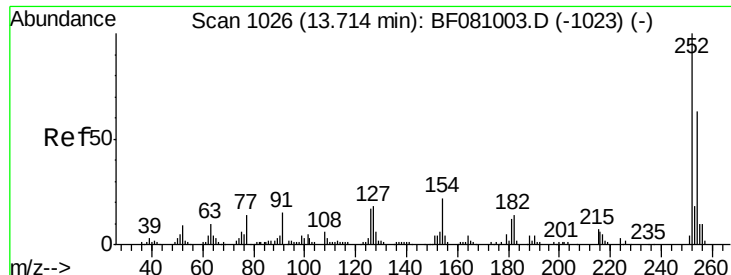
Tot Ion:149 Resp: 291152
Ion Ratio Lower Upper
149 100
91 75.5 46.9 70.3#
206 17.1 17.0 25.4



#80
Benzo(a)anthracene
Concen: 37.90 ng
RT: 13.59 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Tgt Ion:228 Resp: 489396
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.1 15.9 23.9

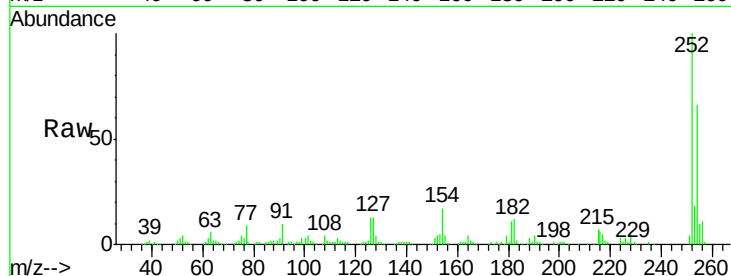




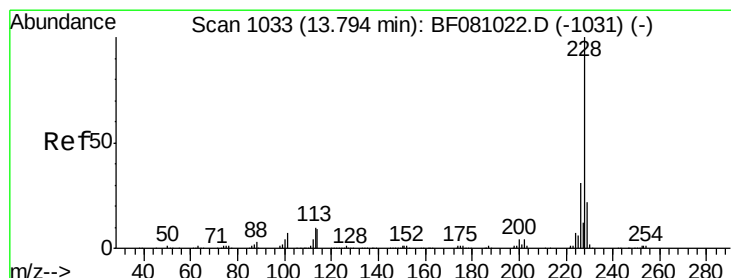
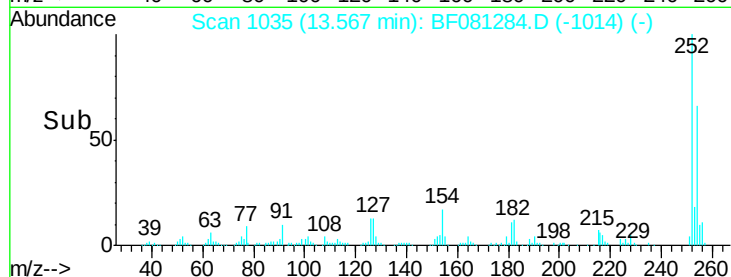
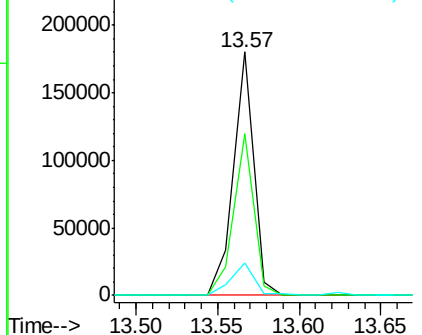
#81
 3,3'-Dichlorobenzidine
 Concen: 37.00 ng
 RT: 13.57 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.5	77.3
126	13.3	12.5	18.7

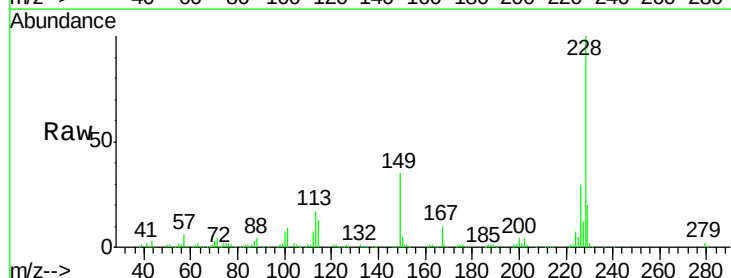


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

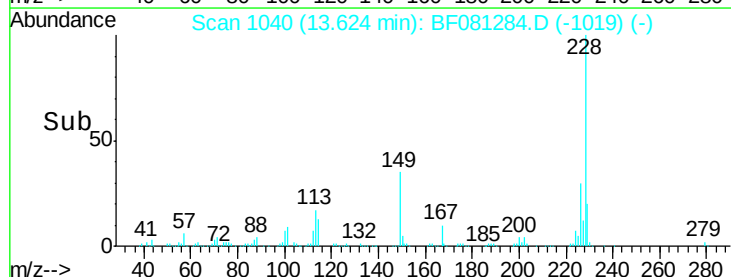
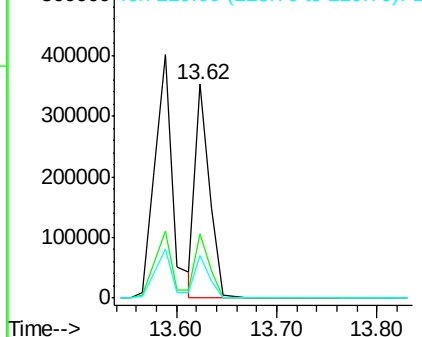


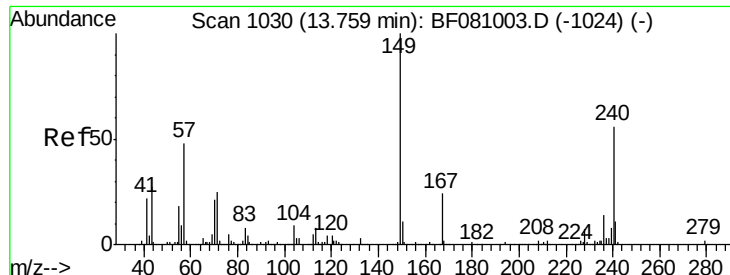
#82
 Chrysene
 Concen: 30.13 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.7	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.54 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampled :

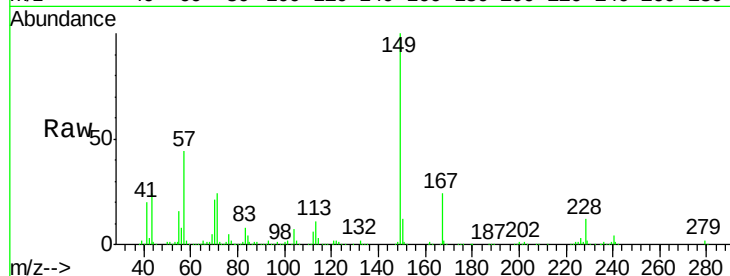
Tot Ion:149 Resp: 357924

Ion Ratio Lower Upper

149 100

167 23.9 20.7 31.1

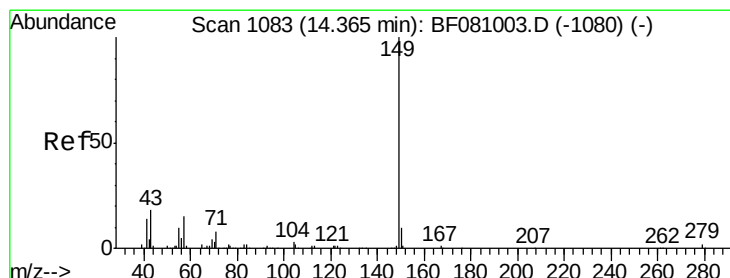
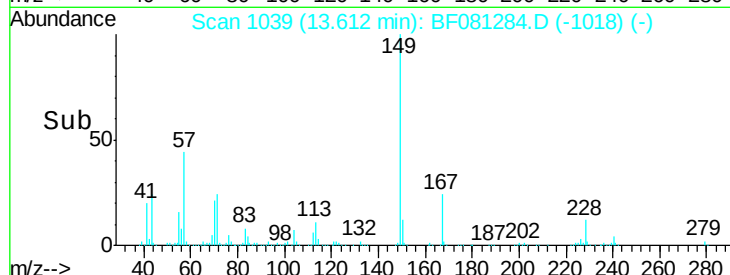
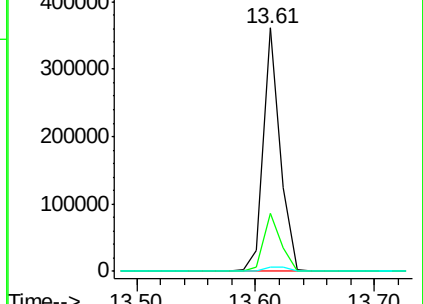
279 1.8 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.67 ng

RT: 14.22 min Scan# 1092

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

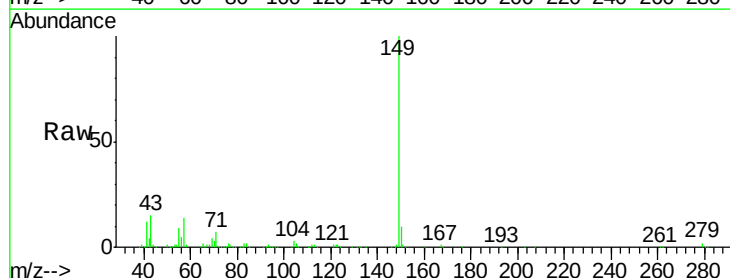
Tgt Ion:149 Resp: 611296

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

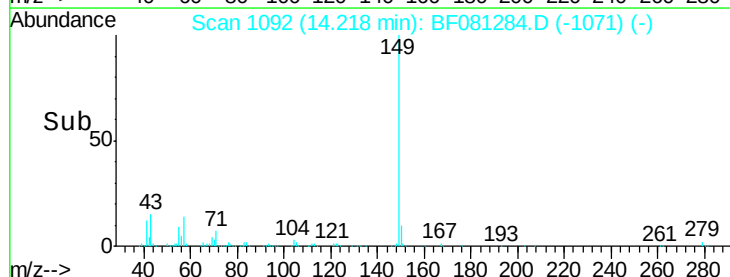
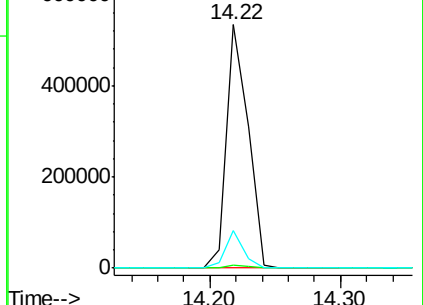
43 13.7 11.6 17.4

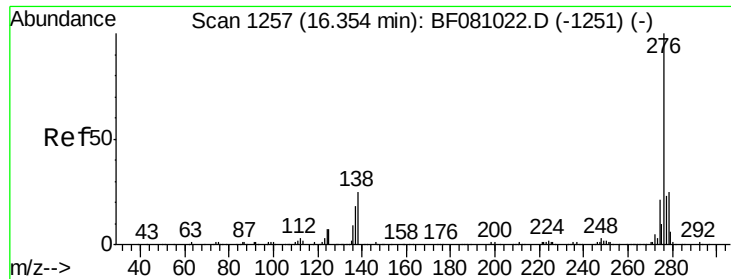


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

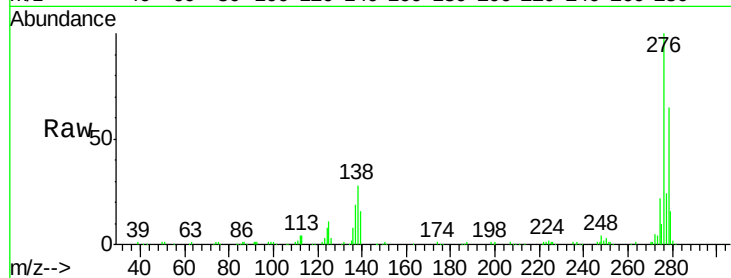




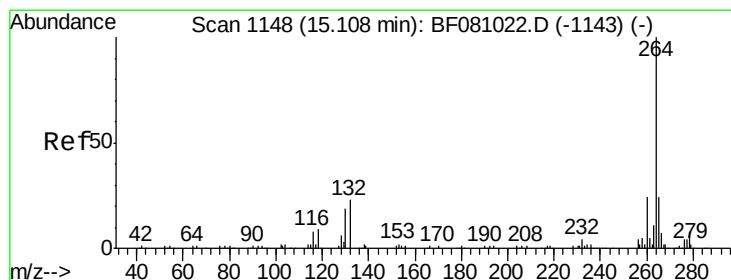
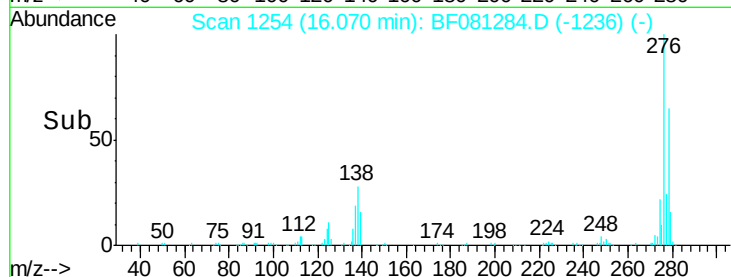
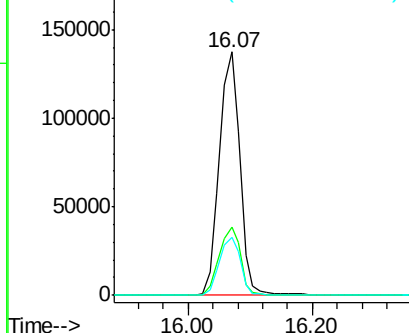
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.56 ng
 RT: 16.07 min Scan# 1254
 Delta R.T. -0.09 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.6	28.0#
277	24.4	19.8	29.8

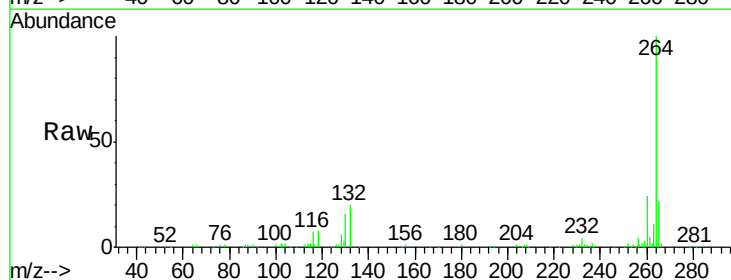


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

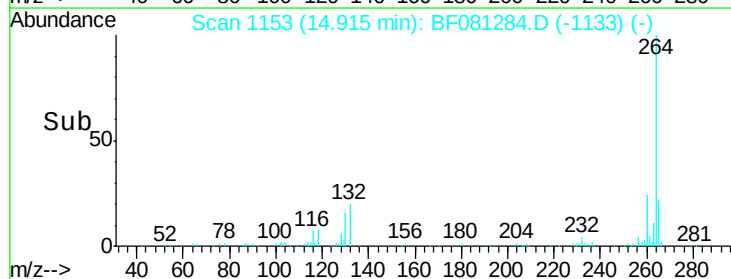
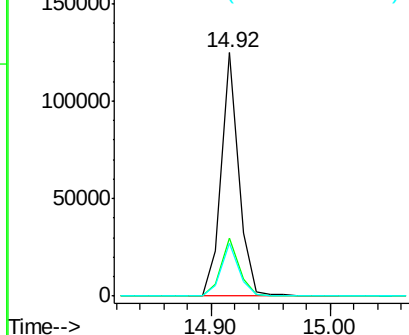


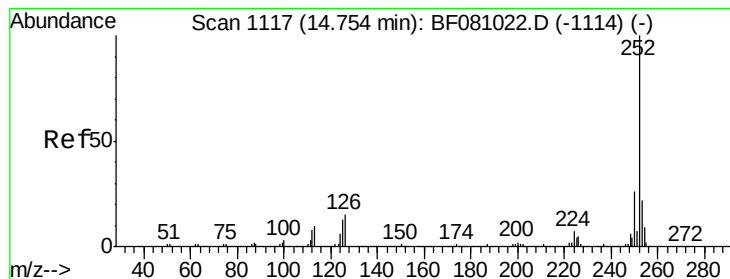
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.0	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 81.43 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

Instrument :

BNA_F

ClientSampleId :

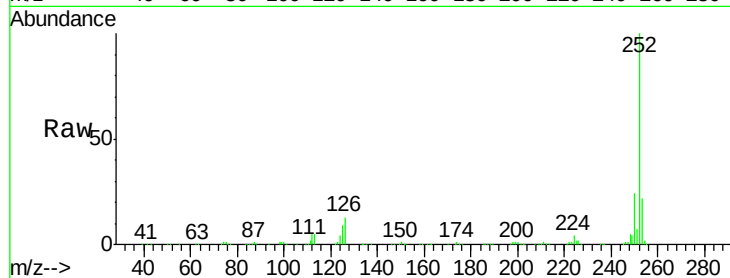
Tot Ion:252 Resp: 733496

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

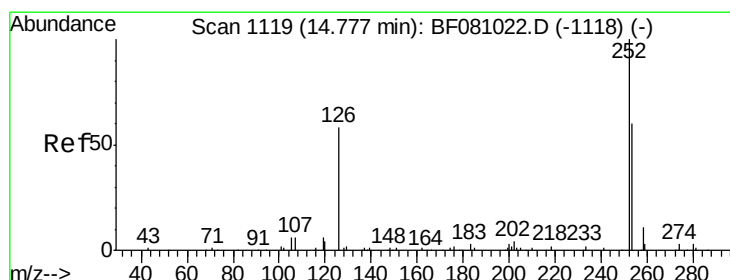
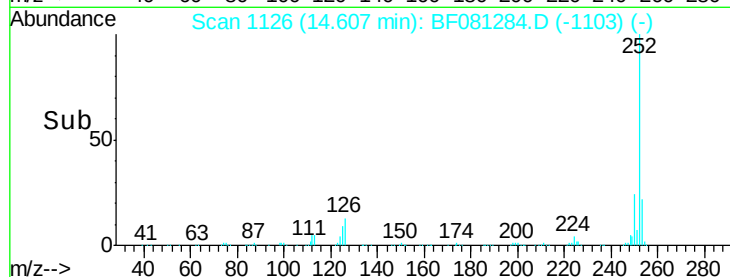
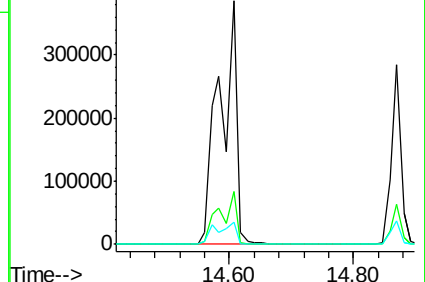
125 8.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.39 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081284.D

Acq: 29 Aug 2015 21:57

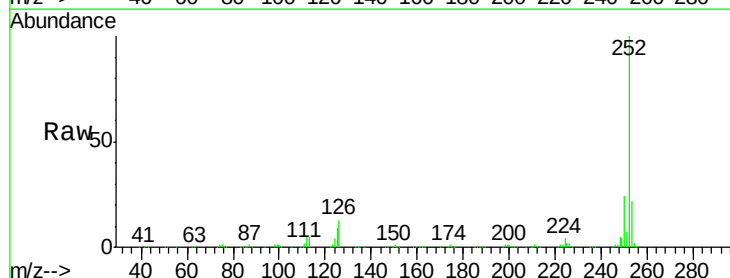
Tgt Ion:252 Resp: 733496

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

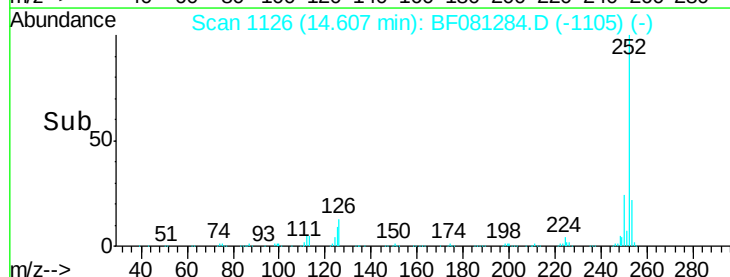
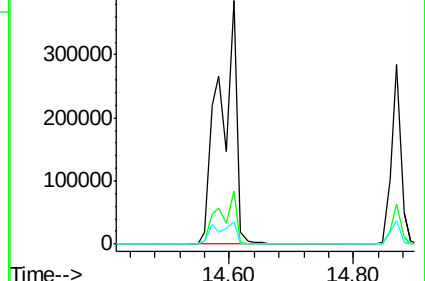
125 8.9 10.3 15.5#

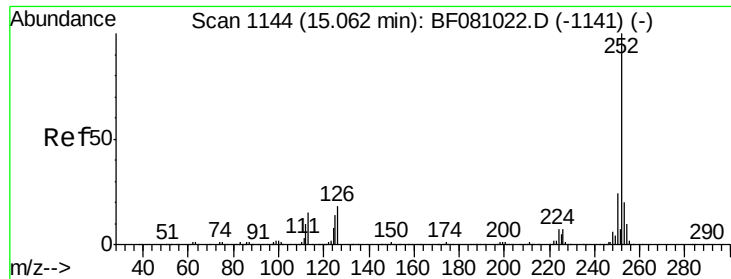


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

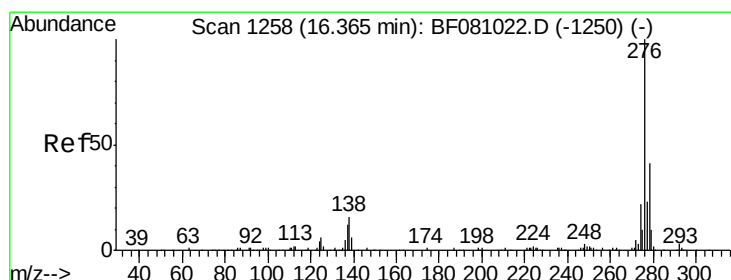
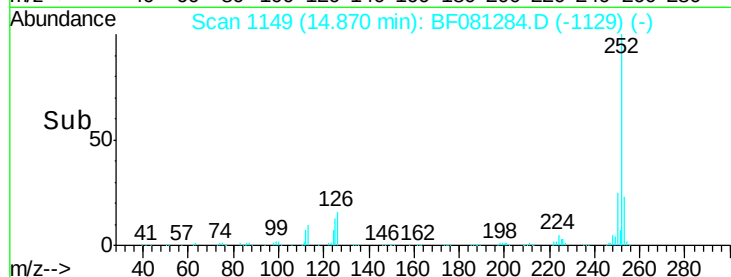
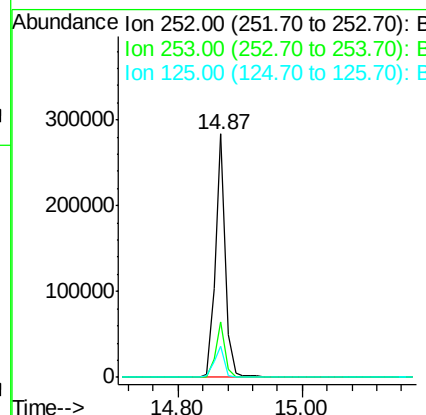
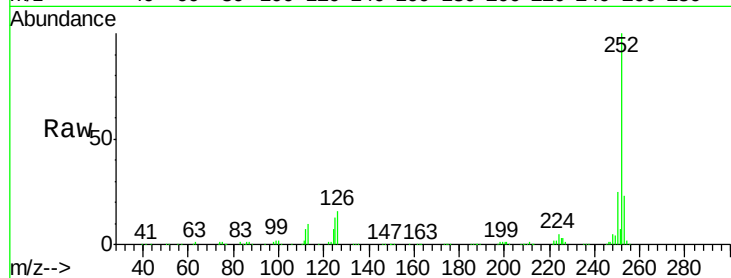




#89
Benzo(a)pyrene
Concen: 39.72 ng
RT: 14.87 min Scan# 1149
Delta R.T. -0.07 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

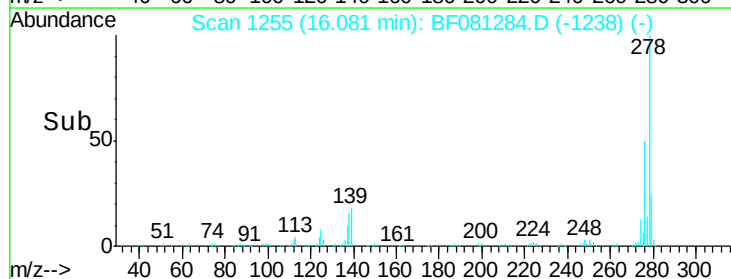
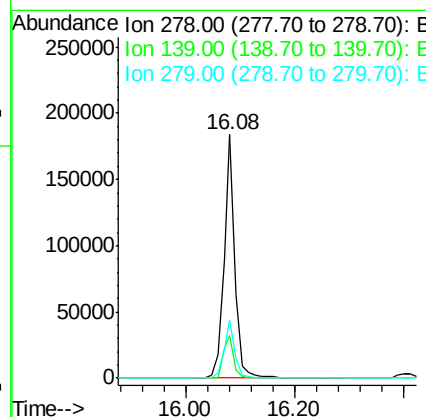
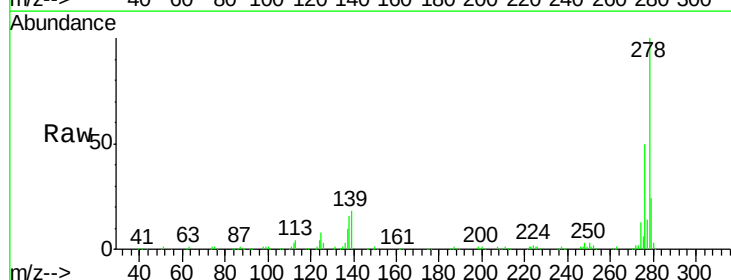
Instrument :
BNA_F
ClientSampleId :

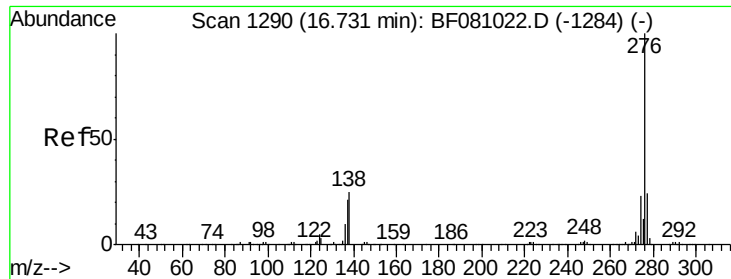
Tot Ion:252 Resp: 311752
Ion Ratio Lower Upper
252 100
253 22.6 16.6 25.0
125 12.9 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 42.63 ng
RT: 16.08 min Scan# 1255
Delta R.T. -0.10 min
Lab File: BF081284.D
Acq: 29 Aug 2015 21:57

Tgt Ion:278 Resp: 260723
Ion Ratio Lower Upper
278 100
139 17.5 10.8 16.2#
279 23.7 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.25 ng
 RT: 16.41 min Scan# 1284
 Delta R.T. -0.10 min
 Lab File: BF081284.D
 Acq: 29 Aug 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.2
138	20.5	13.7	20.5

