

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081286.D
 Acq On : 29 Aug 2015 22:59
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:09:30 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	65525	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	266482	20.00	ng	-0.06
38) Acenaphthene-d10	9.52	164	128106	20.00	ng	-0.06
63) Phenanthrene-d10	10.98	188	241564	20.00	ng	-0.06
75) Chrysene-d12	13.60	240	192560	20.00	ng	-0.06
86) Perylene-d12	14.92	264	135183	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	367697	84.40	ng	-0.06
7) Phenol-d6	6.15	99	456154	80.25	ng	-0.05
23) Nitrobenzene-d5	7.06	82	431513	73.97	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	84191	75.82	ng	-0.05
44) 2-Fluorobiphenyl	8.86	172	687611	70.33	ng	-0.05
78) Terphenyl-d14	12.57	244	727266	80.97	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.85	88	83352	40.60	ng	# 89
3) Pyridine	2.43	79	258550	44.62	ng	# 82
4) n-Nitrosodimethylamine	2.41	42	127613	39.56	ng	# 77
6) Aniline	6.15	93	318240	38.51	ng	# 71
8) 2-Chlorophenol	6.26	128	188857	39.61	ng	94
9) Benzaldehyde	6.02	77	148118	40.42	ng	97
10) Phenol	6.16	94	297364	44.30	ng	# 76
11) bis(2-Chloroethyl)ether	6.24	93	217478	42.22	ng	97
12) 1,3-Dichlorobenzene	6.42	146	217516	42.45	ng	99
13) 1,4-Dichlorobenzene	6.50	146	221529	43.66	ng	98
14) 1,2-Dichlorobenzene	6.65	146	164616	34.67	ng	97
15) Benzyl Alcohol	6.65	79	195497	42.51	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.79	45	393971	38.92	ng	96
17) 2-Methylphenol	6.77	107	171508	41.92	ng	96
18) Hexachloroethane	6.99	117	84607	41.27	ng	99
19) n-Nitroso-di-n-propylamine	6.93	70	156563	39.76	ng	90
20) 3+4-Methylphenols	6.94	107	218934	42.16	ng	# 40
22) Acetophenone	6.91	105	286385	40.94	ng	# 85
24) Nitrobenzene	7.09	77	268507	44.02	ng	94
25) Isophorone	7.33	82	441848	40.62	ng	99
26) 2-Nitrophenol	7.39	139	94325	37.19	ng	89
27) 2,4-Dimethylphenol	7.45	122	169584	37.79	ng	95
28) bis(2-Chloroethoxy)methane	7.55	93	261199	40.64	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	158660	42.00	ng	92
30) 1,2,4-Trichlorobenzene	7.71	180	162528	38.71	ng	97
31) Naphthalene	7.79	128	544118	36.63	ng	99
32) Benzoic acid	7.62	122	119223	47.23	ng	90
33) 4-Chloroaniline	7.86	127	246913	39.40	ng	# 82
34) Hexachlorobutadiene	7.92	225	99603	41.95	ng	96
35) Caprolactam	8.26	113	54782	41.49	ng	# 44
36) 4-Chloro-3-methylphenol	8.35	107	167071	37.11	ng	99
37) 2-Methylnaphthalene	8.58	142	355694	37.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	142517	34.48	ng	# 97
40) Hexachlorocyclopentadiene	8.64	237	81071	37.90	ng	97

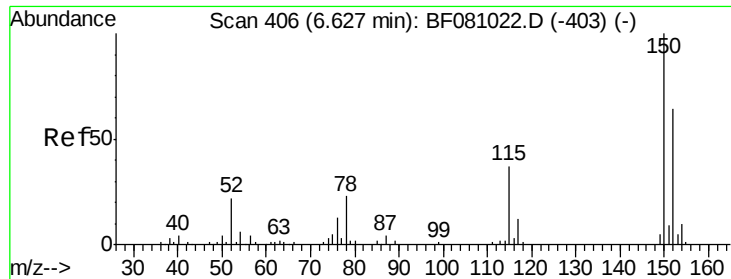
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	109816	37.61	nq	97
43) 2,4,5-Trichlorophenol	8.81	196	111379	38.17	nq	# 90
45) 1,1'-Biphenyl	8.95	154	369922	32.78	nq	95
46) 2-Chloronaphthalene	8.97	162	330222	36.43	nq	94
47) 2-Nitroaniline	9.07	65	124974	33.69	nq	96
48) Acenaphthylene	9.38	152	595125	36.70	nq	99
49) Dimethylphthalate	9.27	163	363129	34.42	nq	99
50) 2,6-Dinitrotoluene	9.33	165	87235	38.51	nq	# 84
51) Acenaphthene	9.55	154	341596	35.19	nq	100
52) 3-Nitroaniline	9.49	138	96556	34.06	nq	99
53) 2,4-Dinitrophenol	9.60	184	34109	32.29	nq	# 64
54) Dibenzofuran	9.73	168	469792	36.11	nq	99
55) 4-Nitrophenol	9.67	139	73290	36.81	nq	# 71
56) 2,4-Dinitrotoluene	9.73	165	115947	38.62	nq	# 88
57) Fluorene	10.06	166	319421	31.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	80393	35.59	nq	96
59) Diethylphthalate	9.97	149	437421	39.17	nq	# 94
60) 4-Chlorophenyl-phenylether	10.06	204	151361	35.74	nq	96
61) 4-Nitroaniline	10.10	138	100956	34.85	nq	93
62) Azobenzene	10.22	77	439012	34.12	nq	96
64) 4,6-Dinitro-2-methylphenol	10.14	198	56498	39.16	nq	# 53
65) n-Nitrosodiphenylamine	10.18	169	300550	34.85	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	97773	41.20	nq	# 94
67) Hexachlorobenzene	10.61	284	103728	43.16	nq	93
68) Atrazine	10.72	200	89000	37.04	nq	99
69) Pentachlorophenol	10.80	266	20770	14.40	nq	98
70) Phenanthrene	11.01	178	474016	33.11	nq	99
71) Anthracene	11.06	178	569304	40.87	nq	100
72) Carbazole	11.22	167	523479	39.03	nq	99
73) Di-n-butylphthalate	11.57	149	639558	39.41	nq	98
74) Fluoranthene	12.18	202	540450	34.98	nq	94
76) Benzidine	12.32	184	309453	42.54	nq	99
77) Pyrene	12.41	202	614294	39.24	nq	99
79) Butylbenzylphthalate	13.05	149	298359	44.34	nq	# 80
80) Benzo(a)anthracene	13.59	228	495614	38.38	nq	100
81) 3,3'-Dichlorobenzidine	13.57	252	158025	37.78	nq	99
82) Chrysene	13.62	228	373257	32.07	nq	100
83) Bis(2-ethylhexyl)phthalate	13.61	149	370838	43.03	nq	# 97
84) Di-n-octyl phthalate	14.22	149	651046	49.70	nq	97
85) Indeno(1,2,3-cd)pyrene	16.07	276	333645	40.83	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	747770	78.20	nq	97
88) Benzo(k)fluoranthene	14.61	252	747770	83.93	nq	99
89) Benzo(a)pyrene	14.87	252	321792	38.62	nq	# 95
90) Dibenzo(a,h)anthracene	16.08	278	276147	42.54	nq	# 95
91) Benzo(g,h,i)perylene	16.41	276	271376	41.20	nq	# 94

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

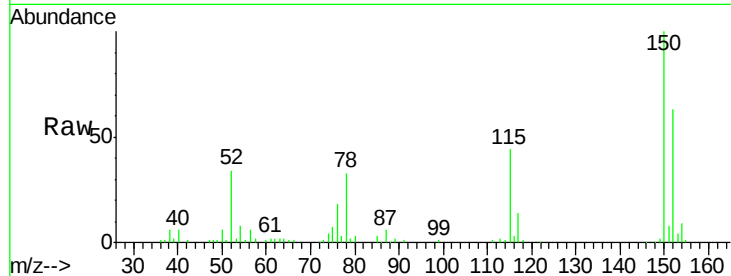


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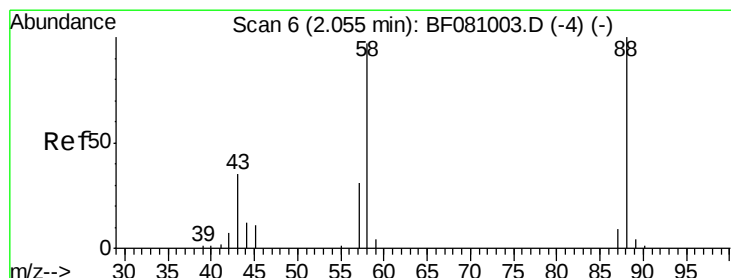
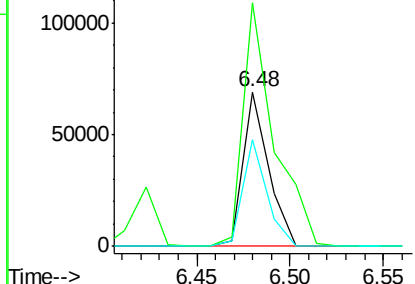
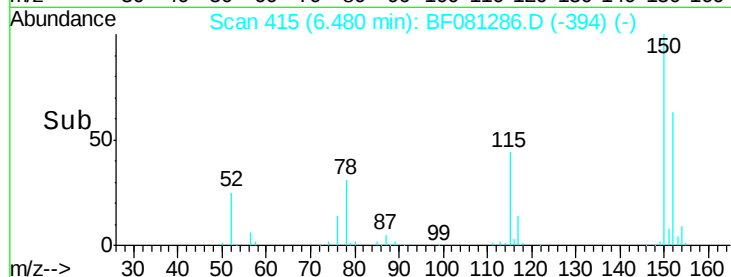
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65525
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 69.5 52.1 78.1



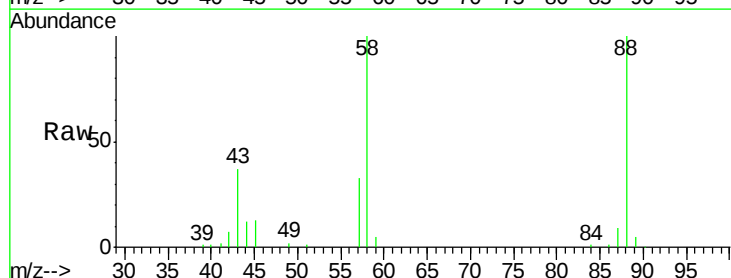
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



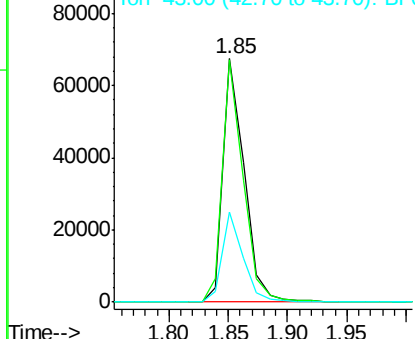
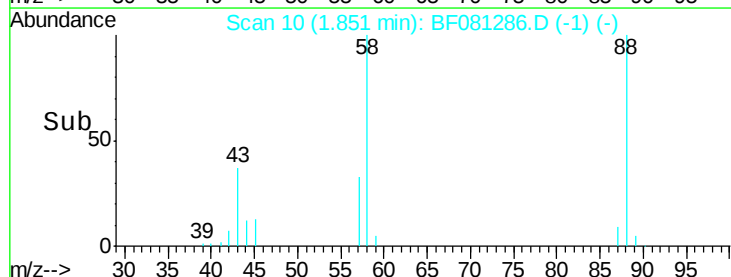
#2

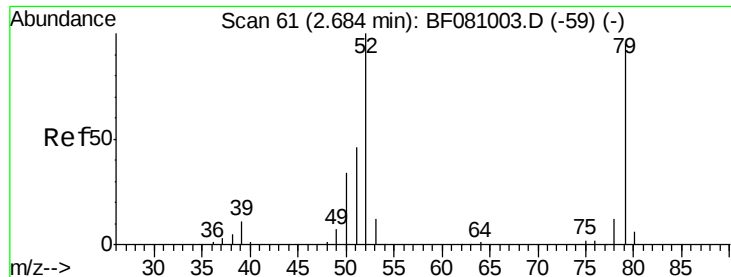
1,4-Dioxane
Concen: 40.60 ng
RT: 1.85 min Scan# 10
Delta R.T. -0.08 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion: 88 Resp: 83352
Ion Ratio Lower Upper
88 100
58 96.4 83.7 125.5
43 36.0 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

Pvridine

Concen: 44.62 ng

RT: 2.43 min Scan# 61

Delta R.T. -0.10 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

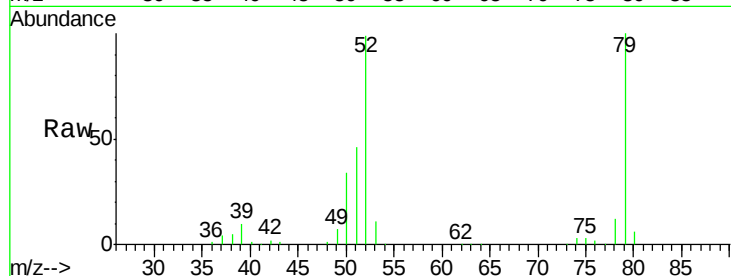
Tot Ion: 79 Resp: 258550

Ion Ratio Lower Upper

79 100

52 99.1 95.1 142.7

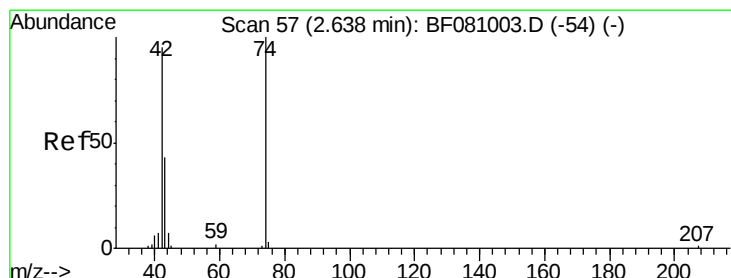
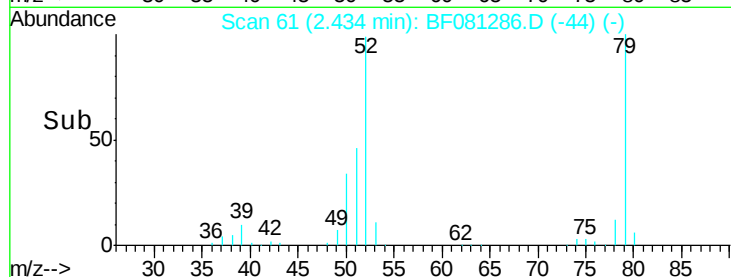
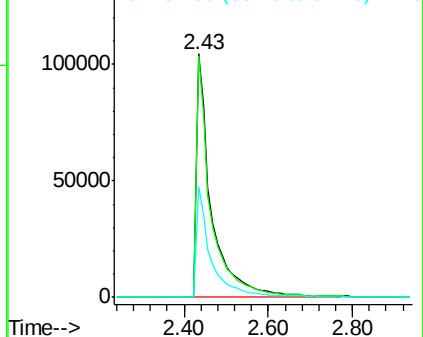
51 45.6 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.56 ng

RT: 2.41 min Scan# 59

Delta R.T. -0.09 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

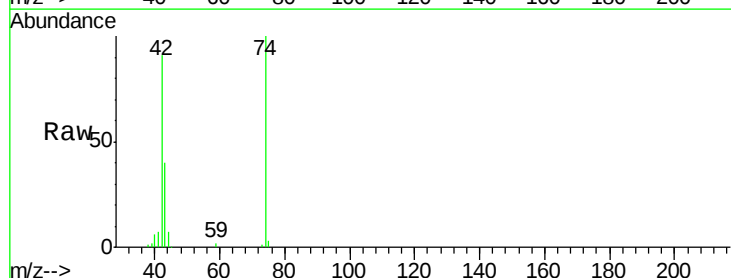
Tgt Ion: 42 Resp: 127613

Ion Ratio Lower Upper

42 100

74 109.5 69.3 103.9#

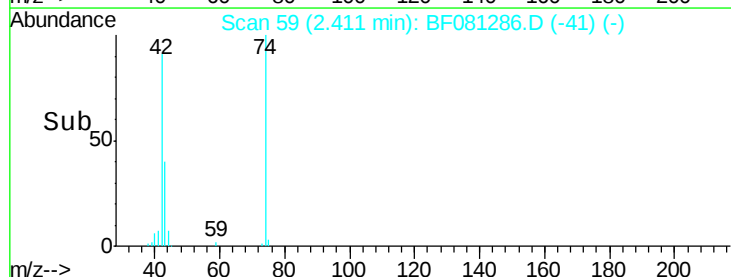
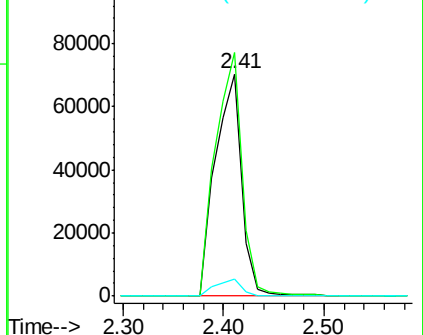
44 7.8 5.5 8.3

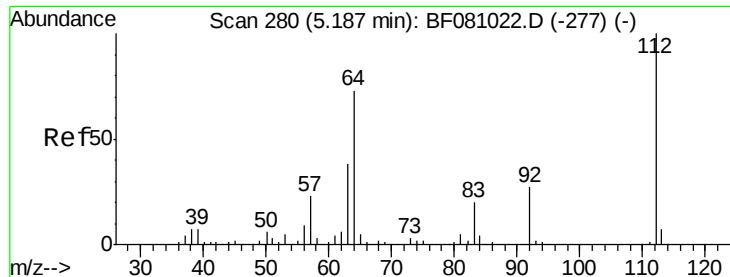


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.40 ng

RT: 5.04 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF081286.D

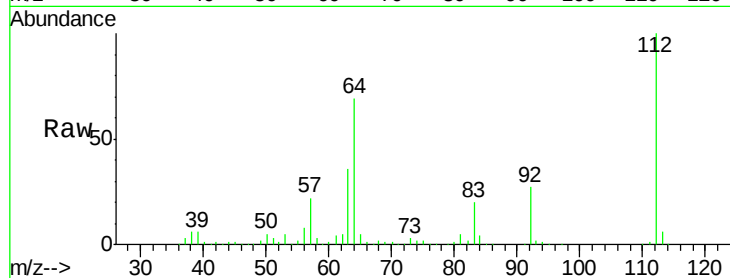
Acq: 29 Aug 2015 22:59

Instrument :

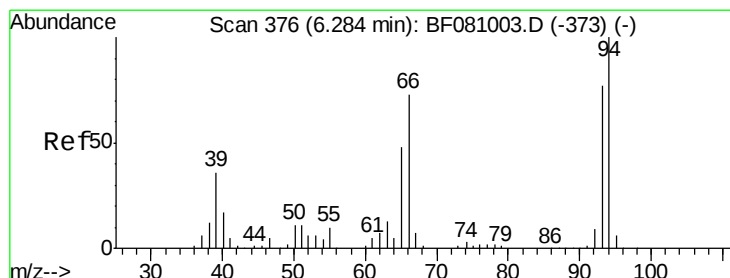
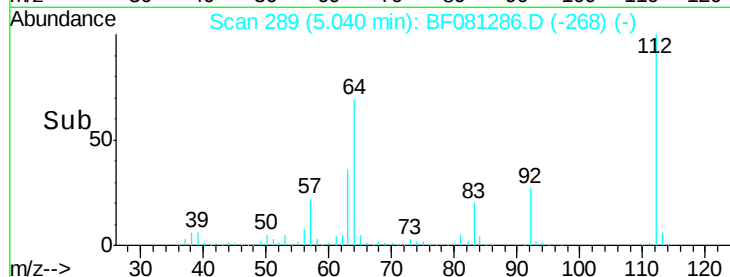
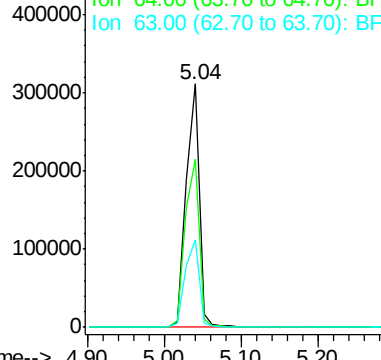
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	367697
Ion	Ratio	Lower	Upper
112	100		
64	69.1	66.9	100.3
63	36.1	38.1	57.1#



Abundance Ion 112.00 (111.70 to 112.70): BF081022.D (-277) (-)



#6

Aniline

Concen: 38.51 ng

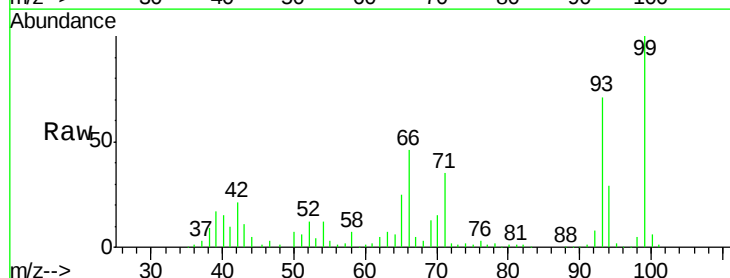
RT: 6.15 min Scan# 386

Delta R.T. -0.06 min

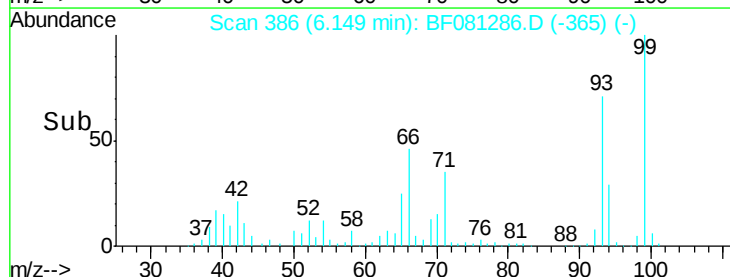
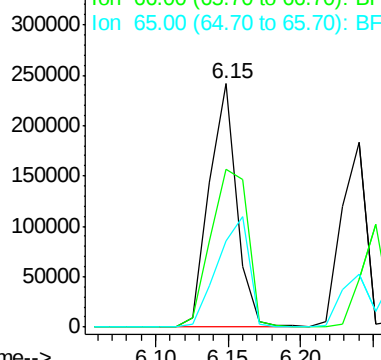
Lab File: BF081286.D

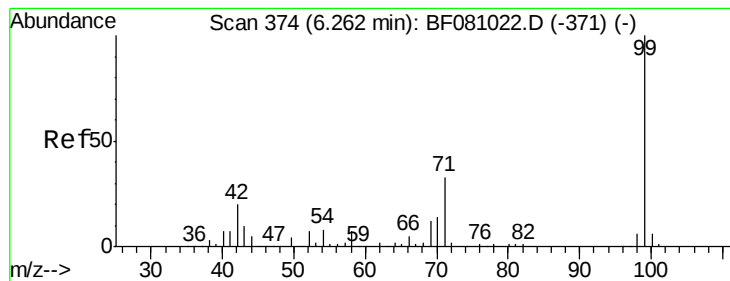
Acq: 29 Aug 2015 22:59

Tgt Ion:	93	Resp:	318240
Ion	Ratio	Lower	Upper
93	100		
66	64.9	35.6	53.4#
65	35.2	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF081003.D (-373) (-)





#7

Phenol-d6

Concen: 80.25 ng

RT: 6.15 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampled :

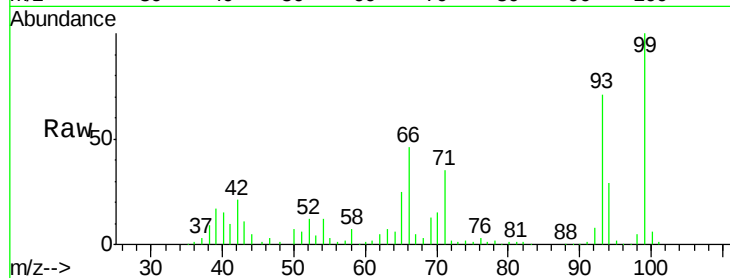
Tot Ion: 99 Resp: 456154

Ion Ratio Lower Upper

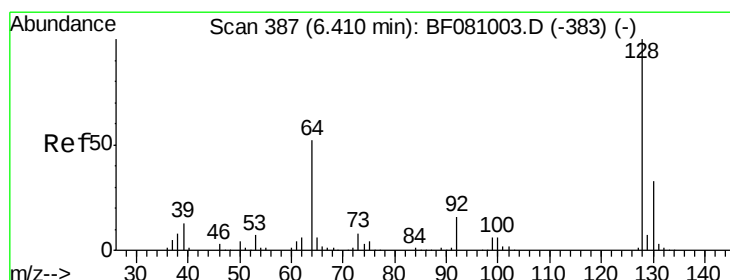
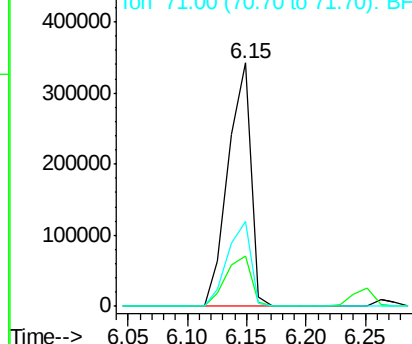
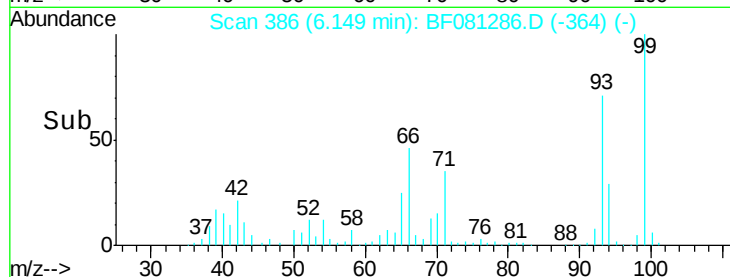
99 100

42 20.8 19.6 29.4

71 34.6 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: 39.61 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

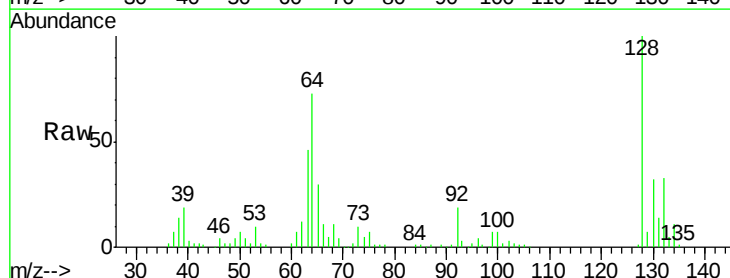
Tgt Ion: 128 Resp: 188857

Ion Ratio Lower Upper

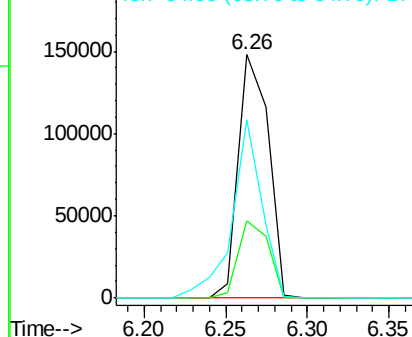
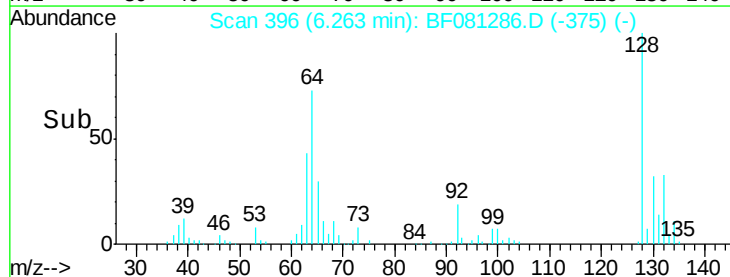
128 100

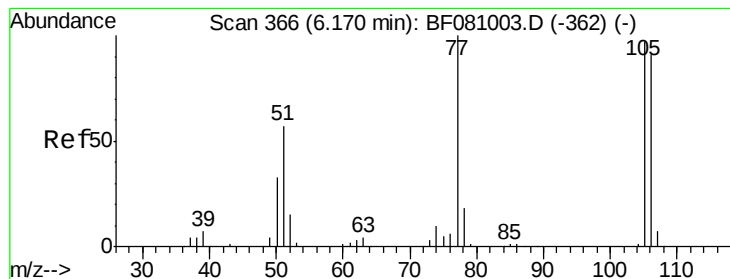
130 31.7 12.5 52.5

64 73.2 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: 40.42 ng

RT: 6.02 min Scan# 375

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampled :

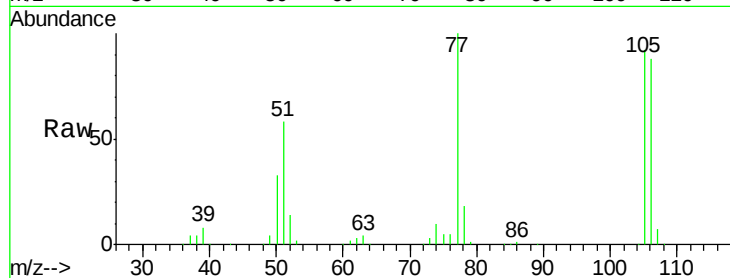
Tot Ion: 77 Resp: 148118

Ion Ratio Lower Upper

77 100

105 92.3 69.6 109.6

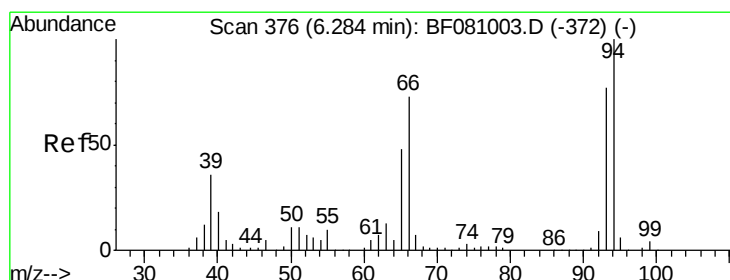
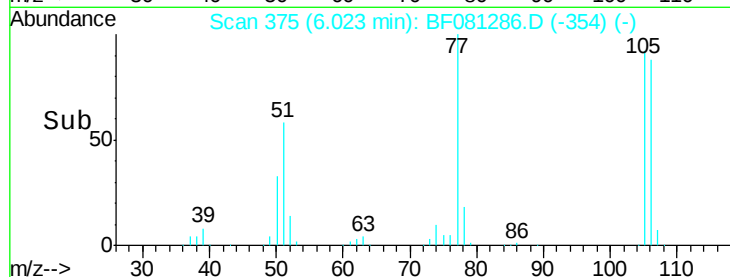
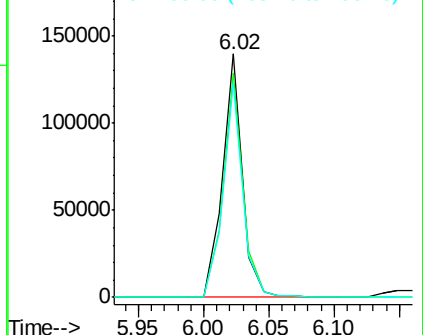
106 87.7 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.30 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

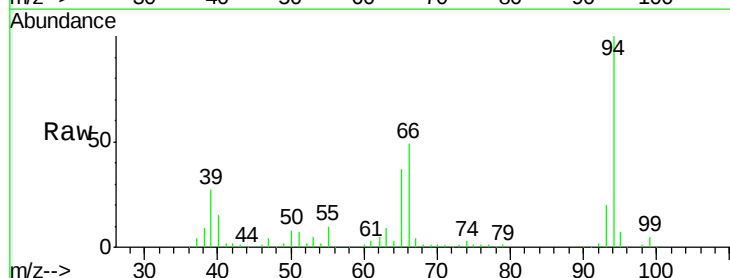
Tgt Ion: 94 Resp: 297364

Ion Ratio Lower Upper

94 100

65 36.5 28.4 68.4

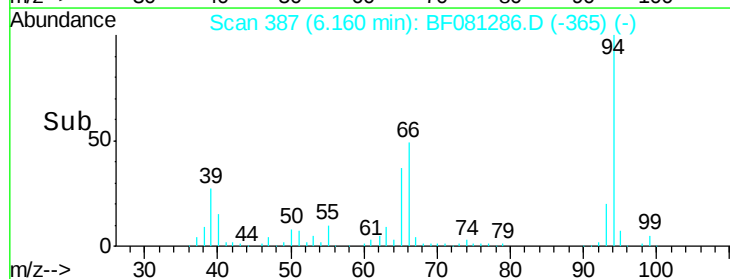
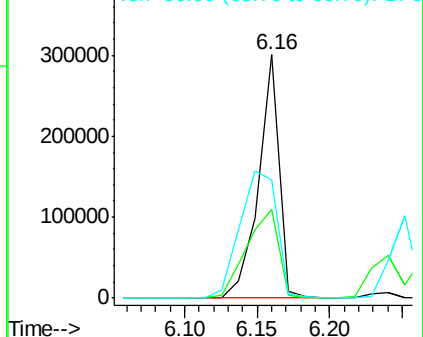
66 48.5 52.3 92.3#

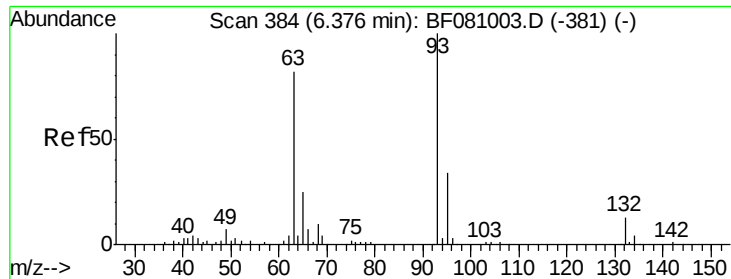


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

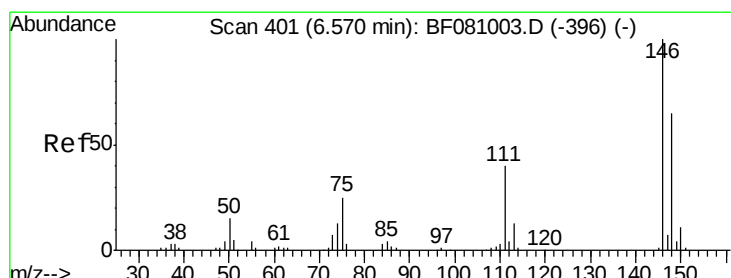
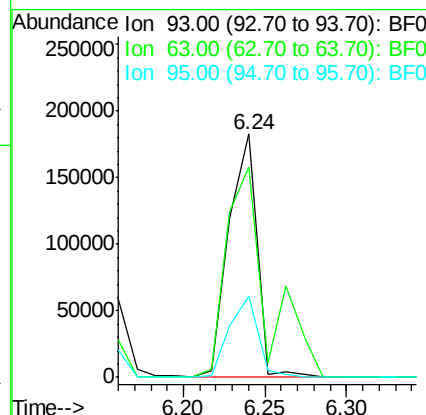
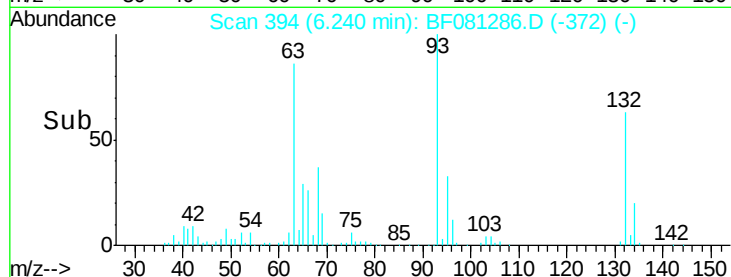
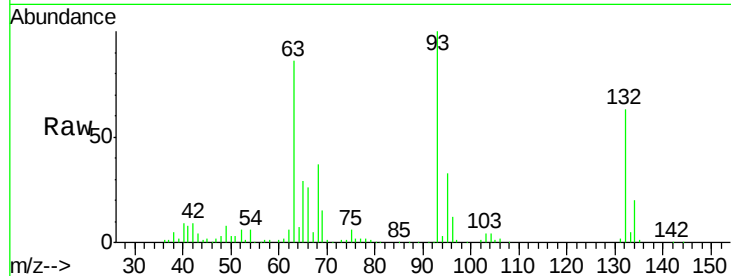




#11
bis(2-Chloroethyl)ether
Concen: 42.22 ng
RT: 6.24 min Scan# 394
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

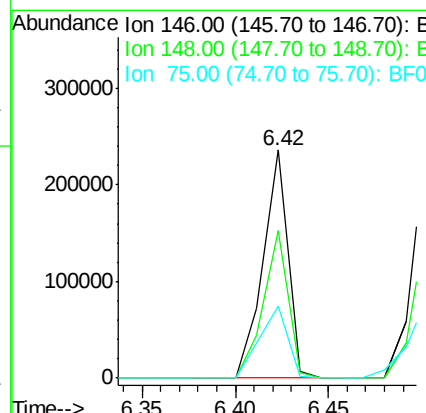
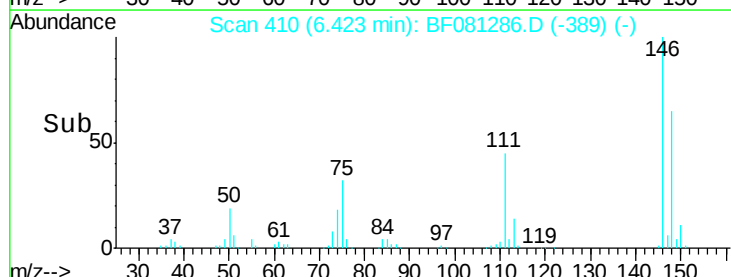
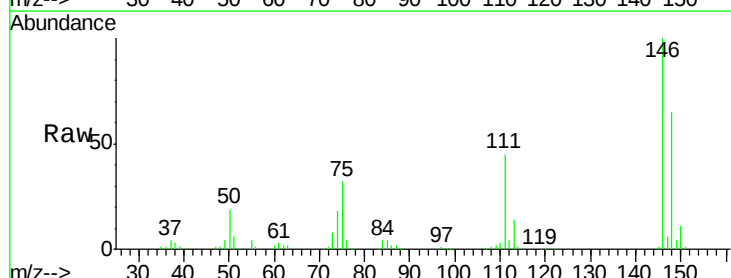
Instrument :
BNA_F
ClientSampled :

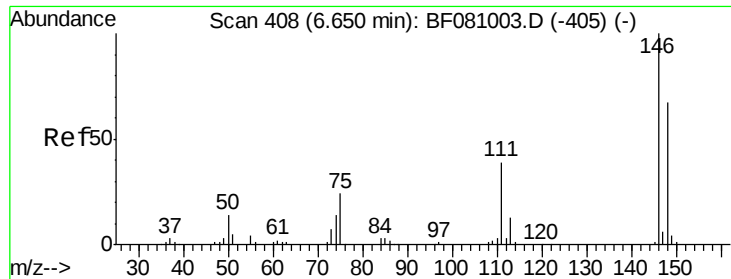
Tot Ion: 93 Resp: 217478
Ion Ratio Lower Upper
93 100
63 86.4 69.6 109.6
95 33.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.45 ng
RT: 6.42 min Scan# 410
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion: 146 Resp: 217516
Ion Ratio Lower Upper
146 100
148 65.0 53.3 79.9
75 31.5 25.0 37.6

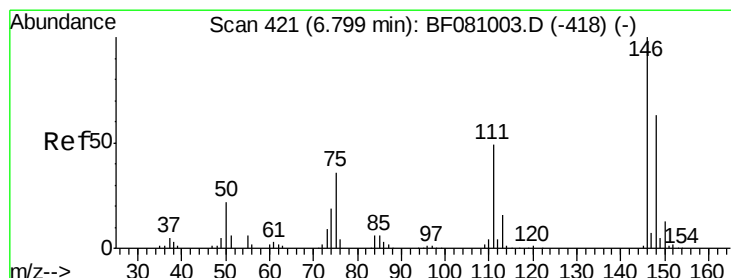
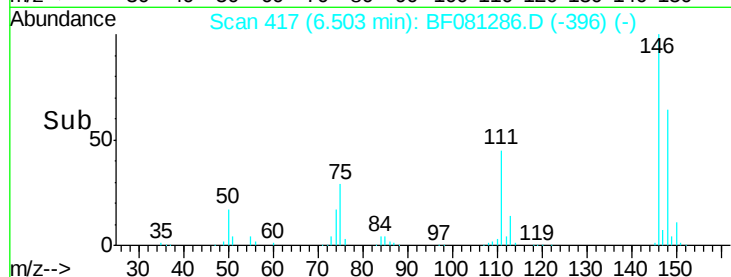
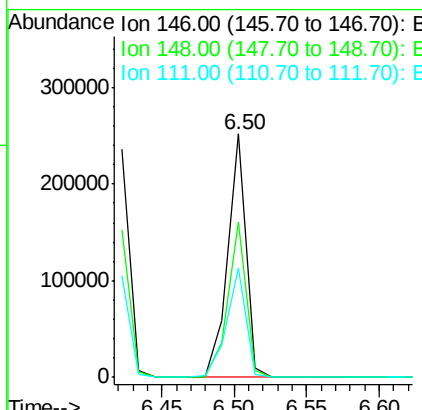
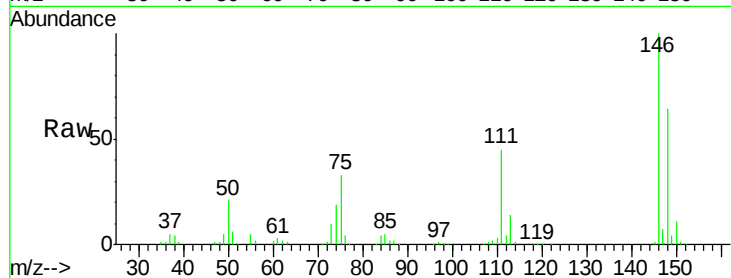




#13
 1,4-Dichlorobenzene
 Concen: 43.66 ng
 RT: 6.50 min Scan# 417
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

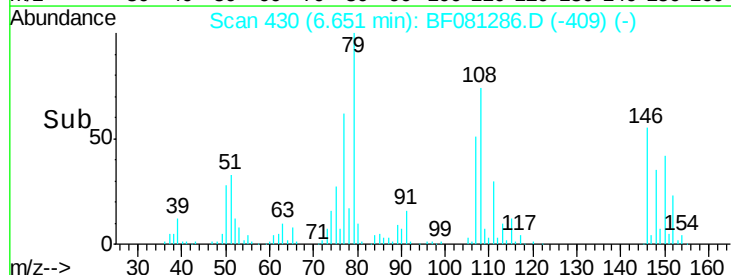
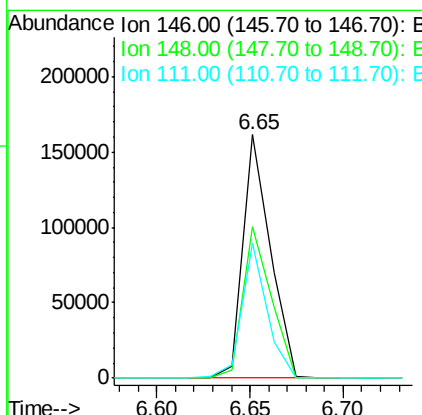
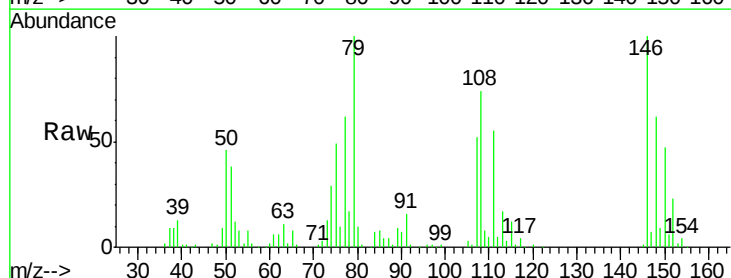
Instrument :
 BNA_F
 ClientSampleId :

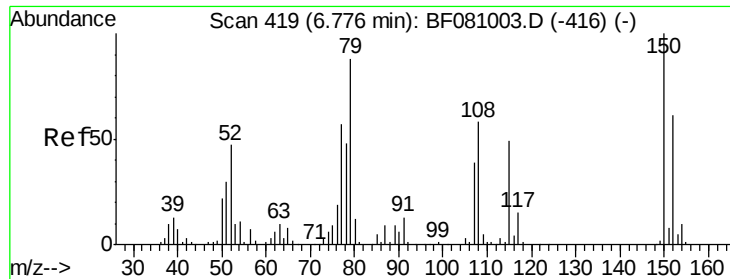
Tot Ion:146 Resp: 221529
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 44.8 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 34.67 ng
 RT: 6.65 min Scan# 430
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:146 Resp: 164616
 Ion Ratio Lower Upper
 146 100
 148 62.3 48.7 73.1
 111 55.6 42.3 63.5

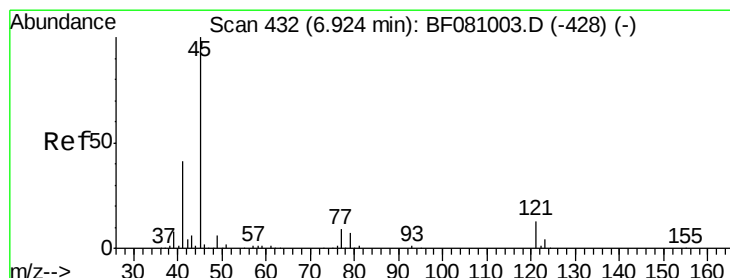
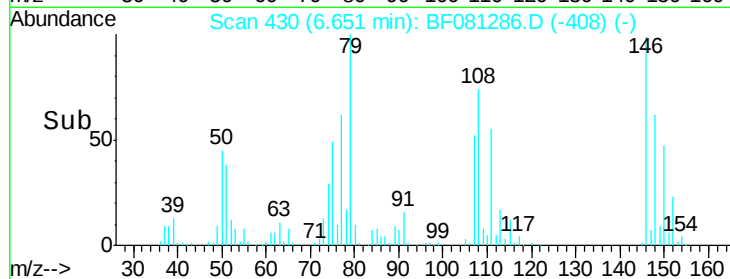
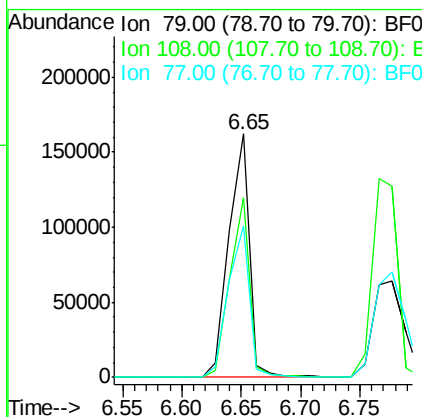
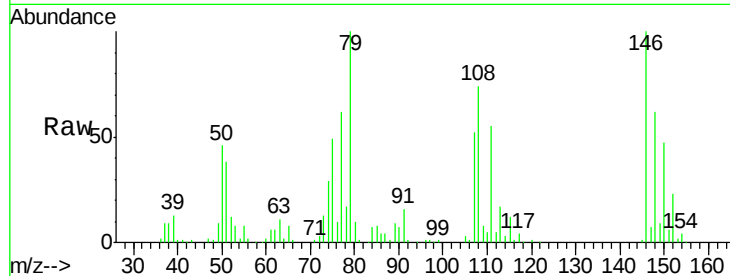




#15
Benzyl Alcohol
Concen: 42.51 ng
RT: 6.65 min Scan# 430
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

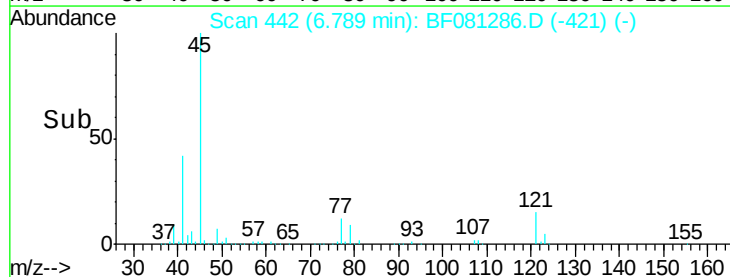
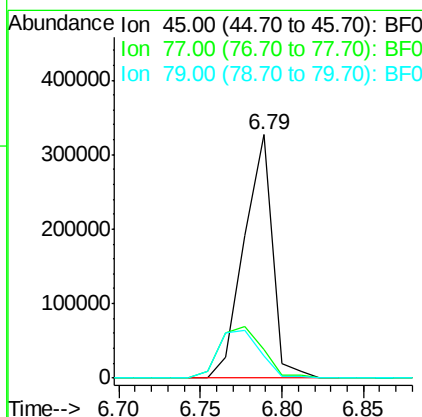
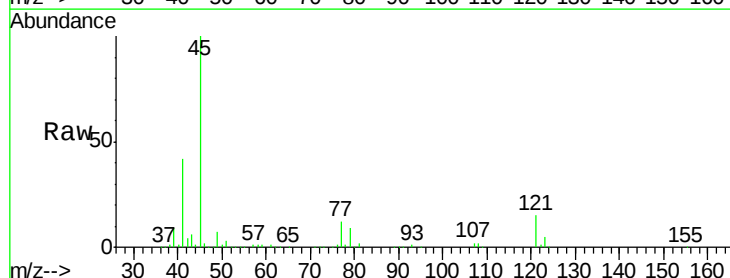
Instrument :
BNA_F
ClientSampleId :

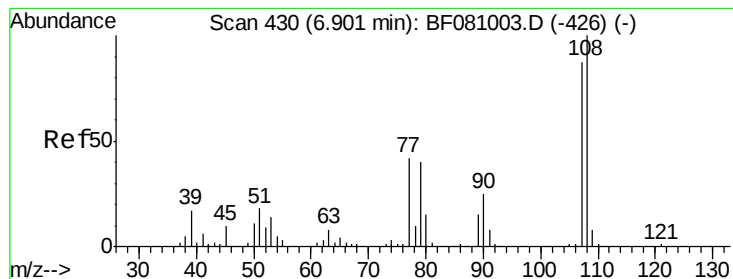
Tot Ion: 79 Resp: 195497
Ion Ratio Lower Upper
79 100
108 74.0 49.4 74.2
77 62.2 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.92 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion: 45 Resp: 393971
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.2
79 9.2 0.0 28.0





#17

2-Methylphenol

Concen: 41.92 ng

RT: 6.77 min Scan# 440

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 171508

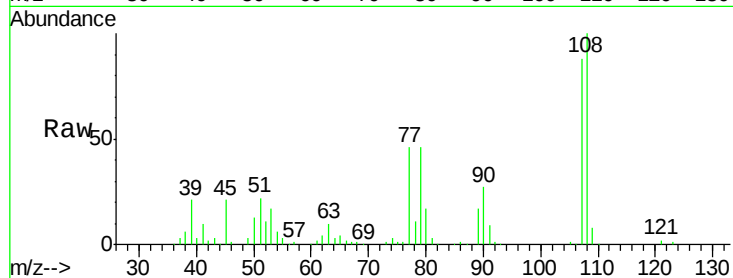
Ion Ratio Lower Upper

107 100

108 114.0 90.4 135.6

77 52.8 46.5 69.7

79 52.9 46.3 69.5

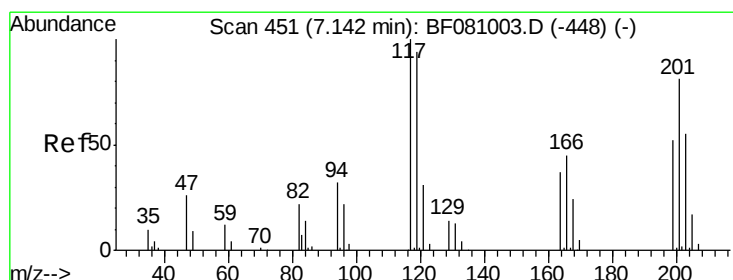
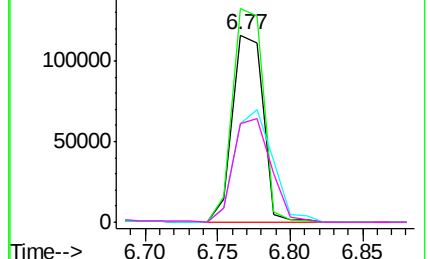
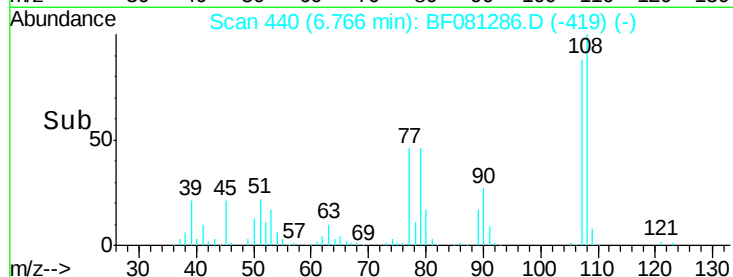


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.27 ng

RT: 6.99 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

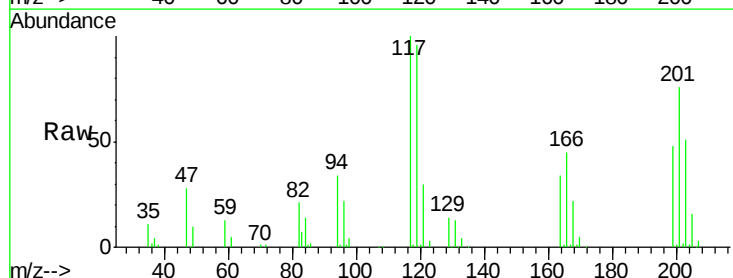
Tgt Ion:117 Resp: 84607

Ion Ratio Lower Upper

117 100

119 95.6 77.9 116.9

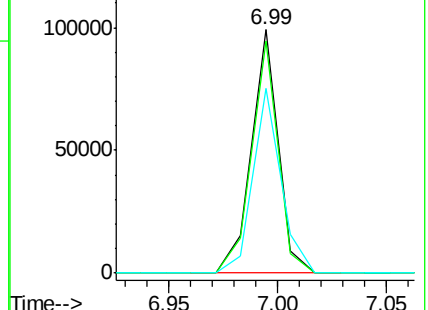
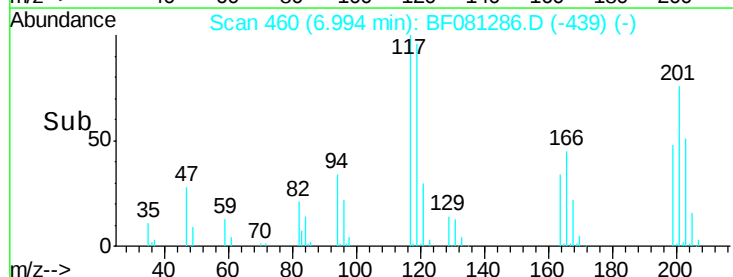
201 76.0 61.3 91.9

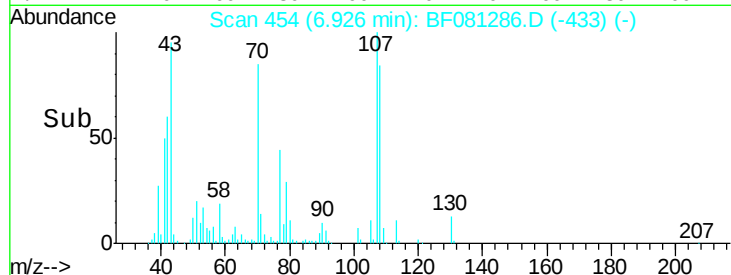
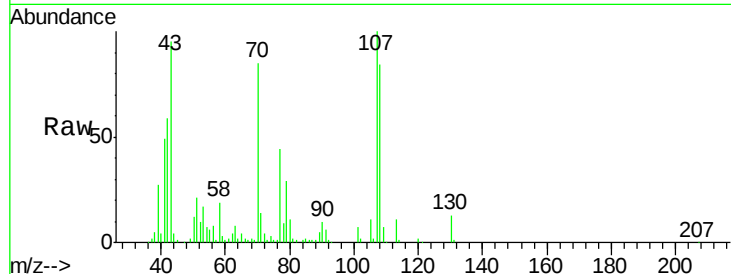
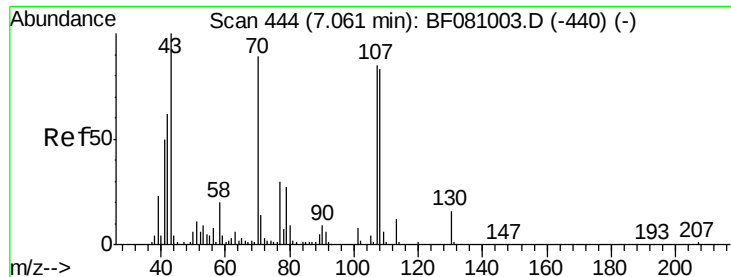


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

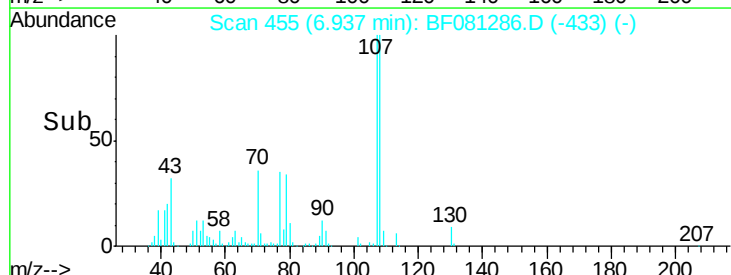
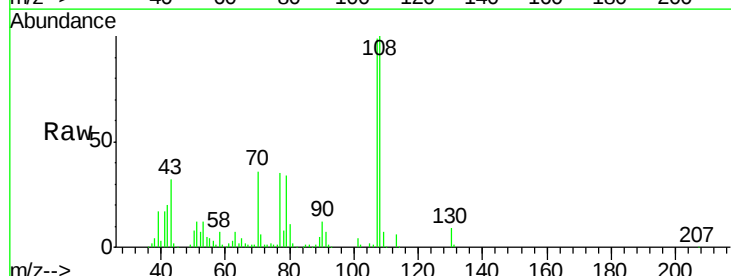
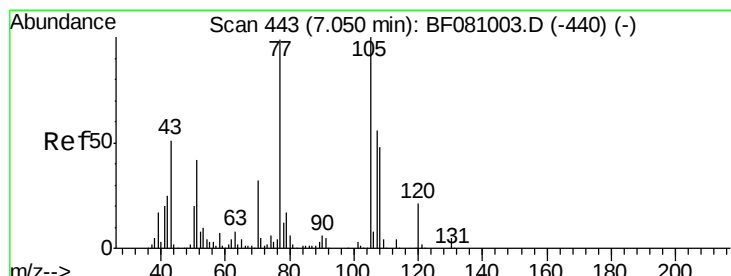
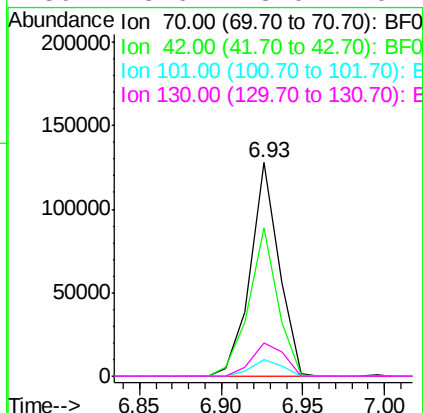




#19
n-Nitroso-di-n-propylamine
Concen: 39.76 ng
RT: 6.93 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

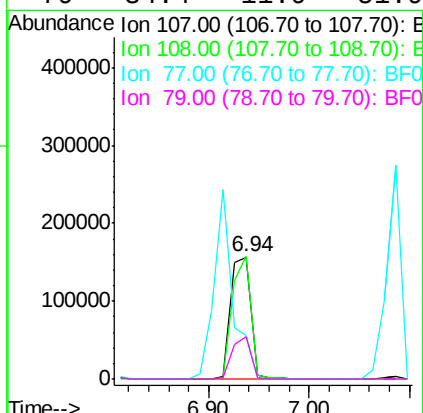
Instrument :
BNA_F
ClientSampleId :

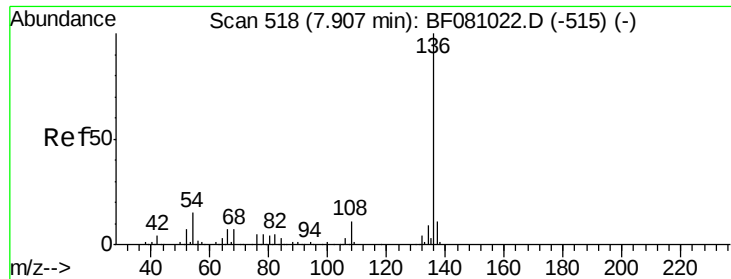
Tot Ion:	70	Resp:	156563
Ion	Ratio	Lower	Upper
70	100		
42	69.8	65.0	97.4
101	8.0	7.4	11.2
130	15.6	13.0	19.4



#20
3+4-Methylphenols
Concen: 42.16 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion:	107	Resp:	218934
Ion	Ratio	Lower	Upper
107	100		
108	100.6	66.1	106.1
77	35.4	139.3	179.3#
79	34.4	11.9	51.9

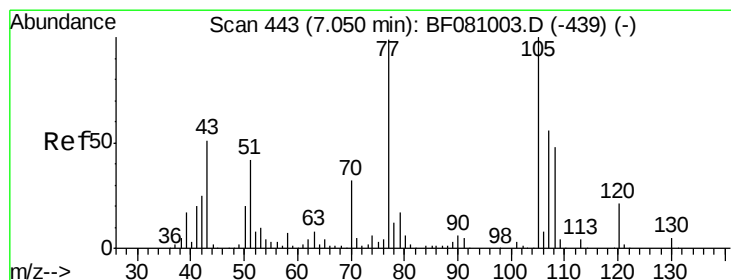
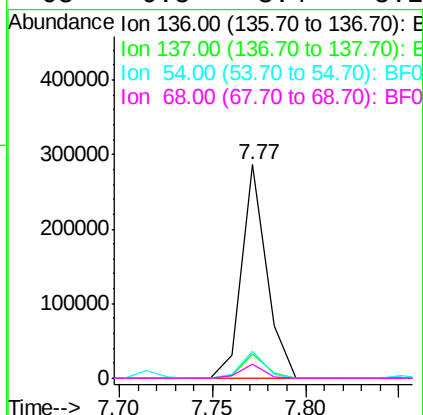
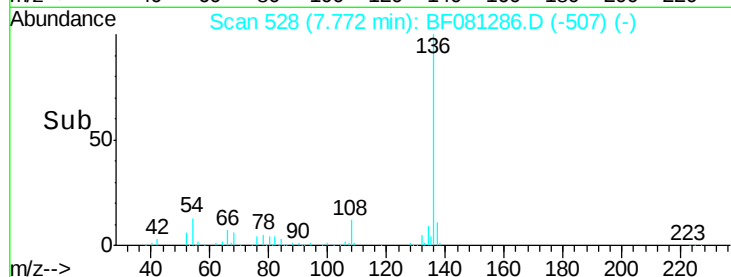
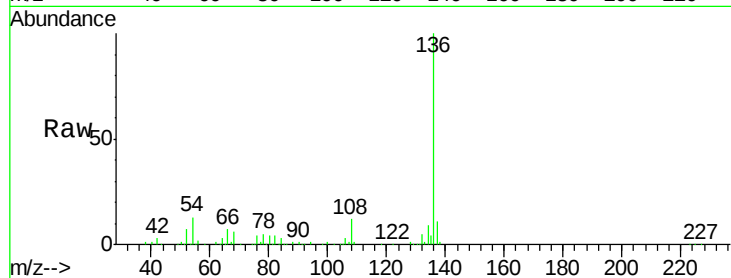




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

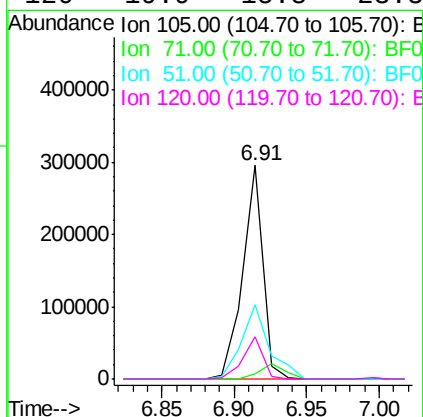
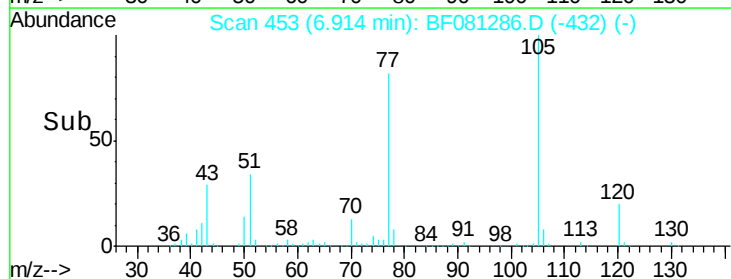
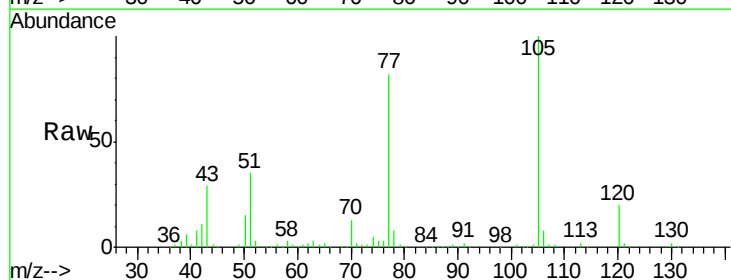
Instrument :
BNA_F
ClientSampleId :

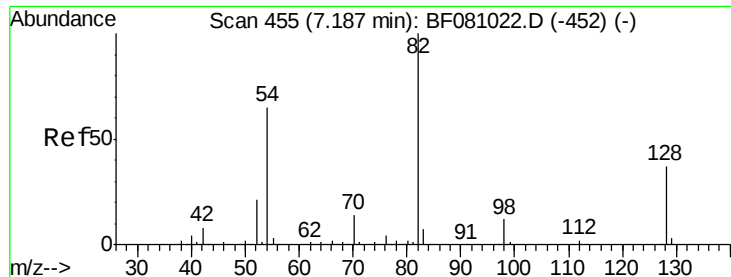
Tot Ion:136	Resp:	266482
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.2 12.2
54	12.9	7.7 11.5#
68	6.5	3.4 5.2#



#22
Acetophenone
Concen: 40.94 ng
RT: 6.91 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion:105	Resp:	286385
Ion Ratio	Lower	Upper
105	100	
71	2.1	3.0 4.6#
51	34.7	39.8 59.8#
120	19.9	15.8 23.8

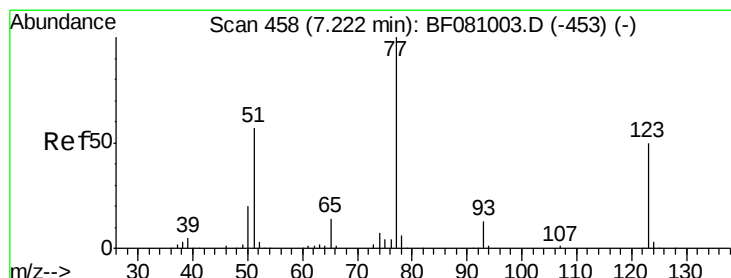
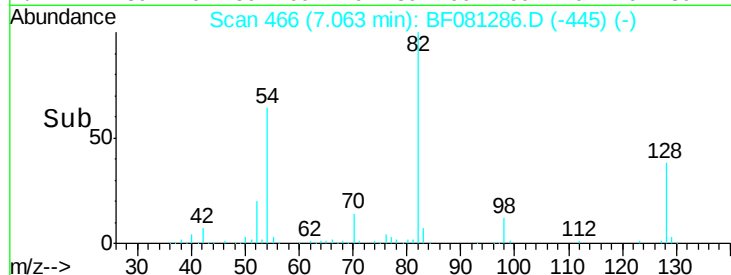
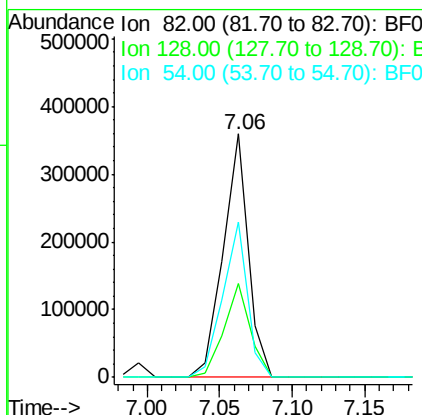
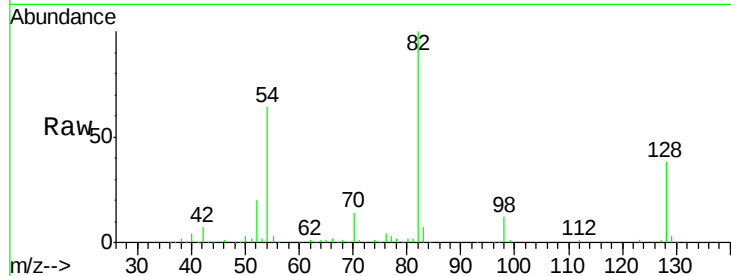




#23
 Nitrobenzene-d5
 Concen: 73.97 ng
 RT: 7.06 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

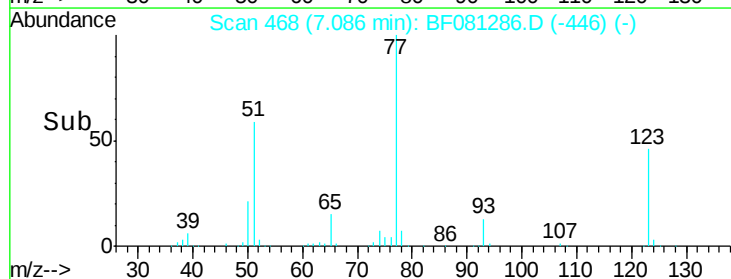
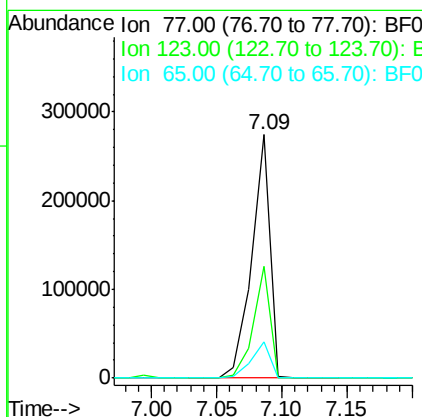
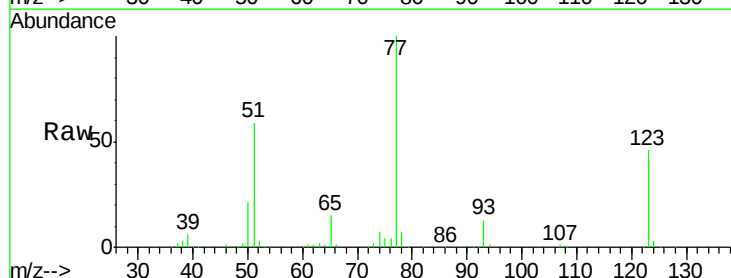
Instrument :
 BNA_F
 ClientSampleID :

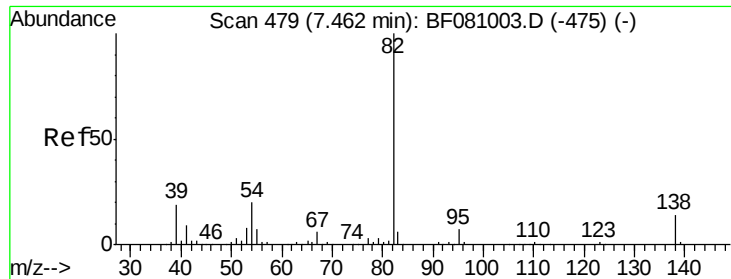
Tot Ion	82	Resp	431513
Ion Ratio	Lower	Upper	
82	100		
128	38.4	28.6	42.8
54	64.0	55.1	82.7



#24
 Nitrobenzene
 Concen: 44.02 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion	77	Resp	268507
Ion Ratio	Lower	Upper	
77	100		
123	45.9	32.9	49.3
65	14.8	12.5	18.7





#25

Isophorone

Concen: 40.62 ng

RT: 7.33 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

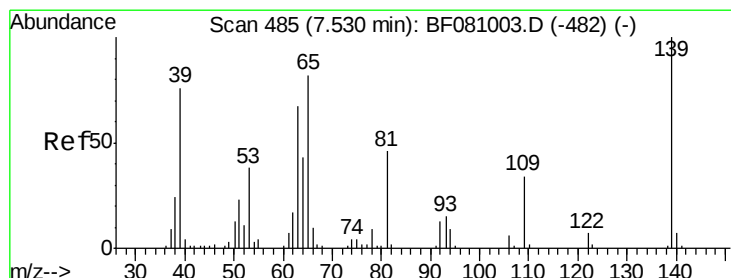
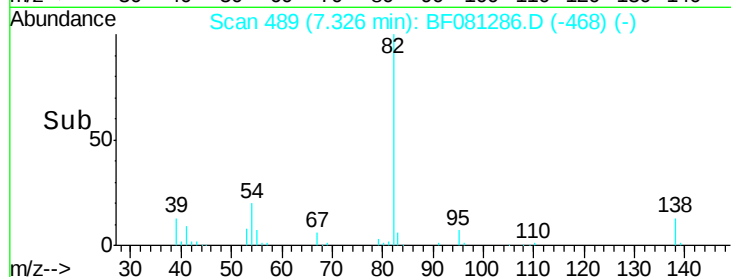
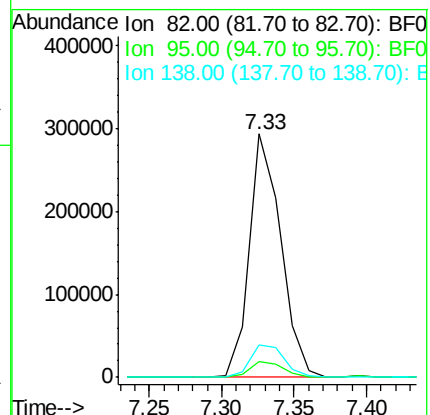
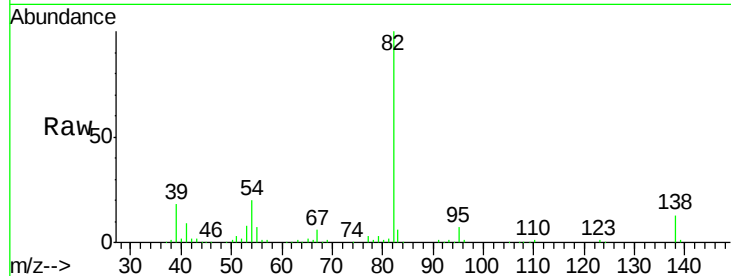
Tot Ion: 82 Resp: 441848

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 13.3 10.5 15.7



#26

2-Nitrophenol

Concen: 37.19 ng

RT: 7.39 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

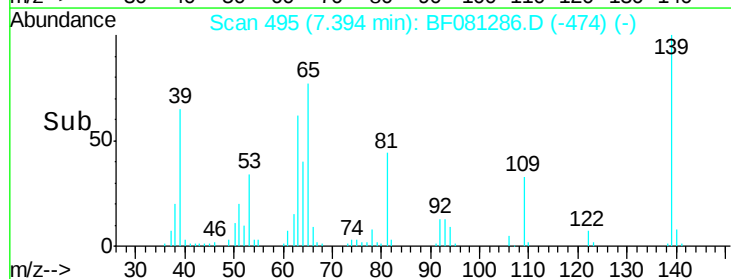
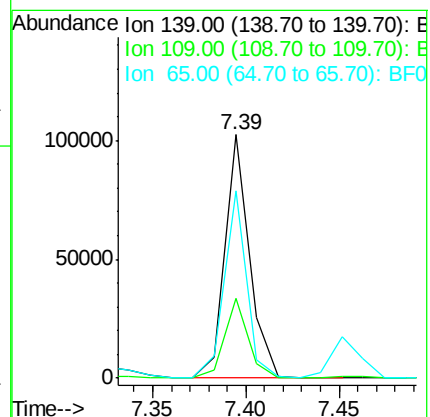
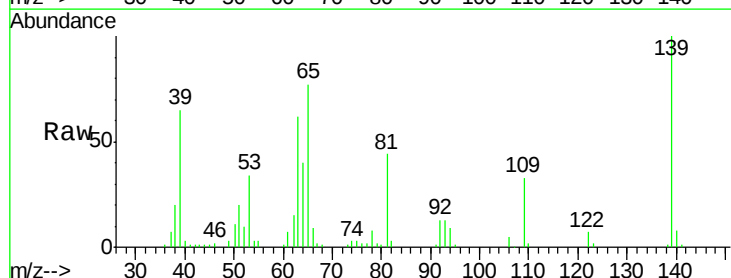
Tgt Ion: 139 Resp: 94325

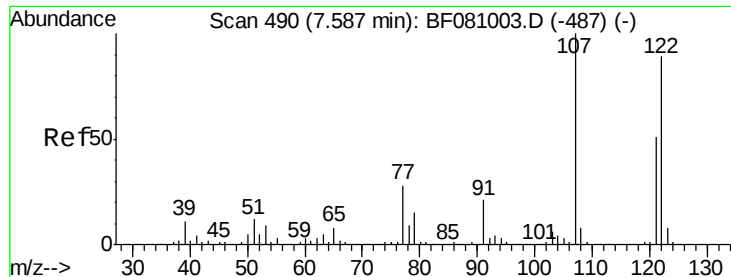
Ion Ratio Lower Upper

139 100

109 33.0 32.1 48.1

65 76.9 69.9 104.9

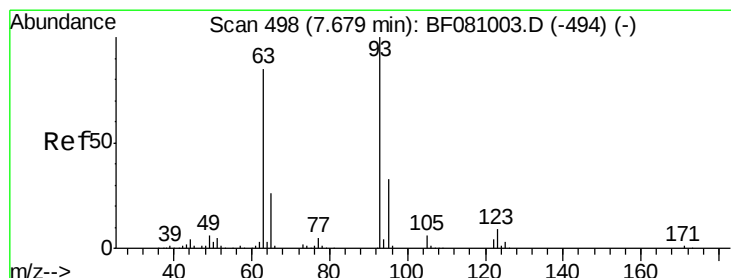
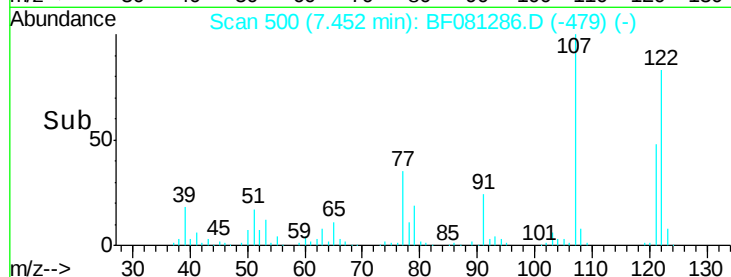
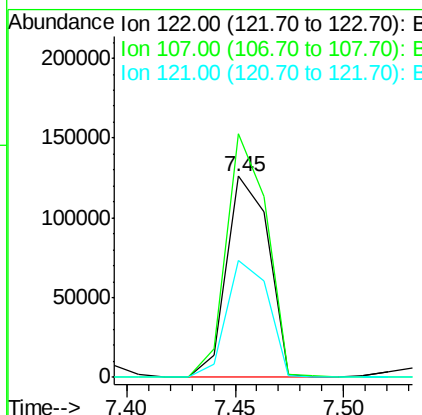
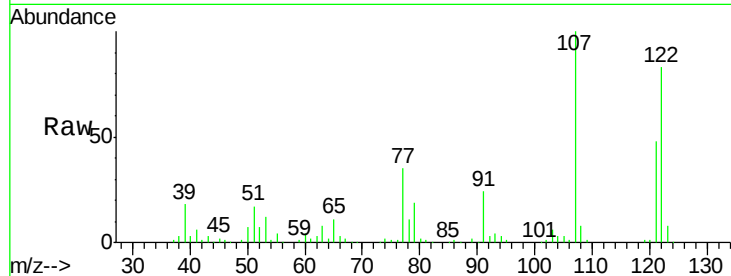




#27
 2,4-Dimethylphenol
 Concen: 37.79 ng
 RT: 7.45 min Scan# 500
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

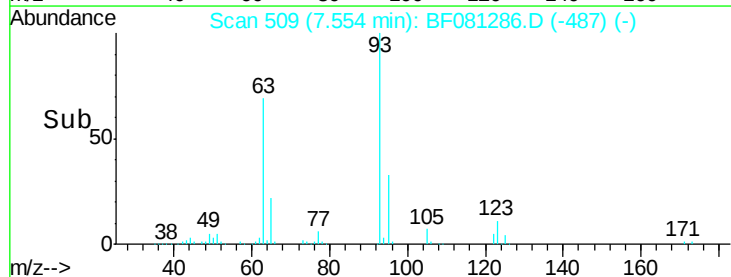
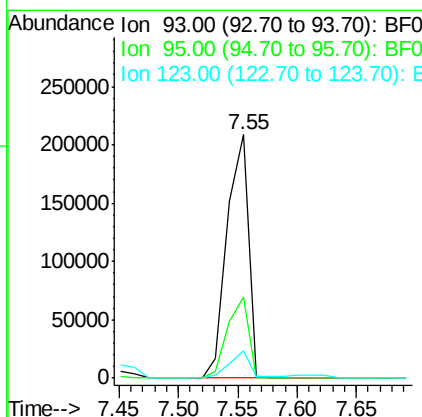
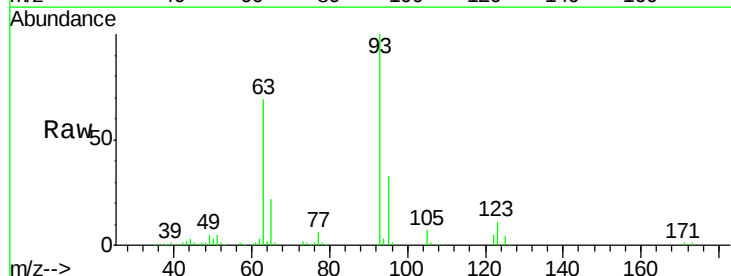
Instrument :
 BNA_F
 ClientSampleId :

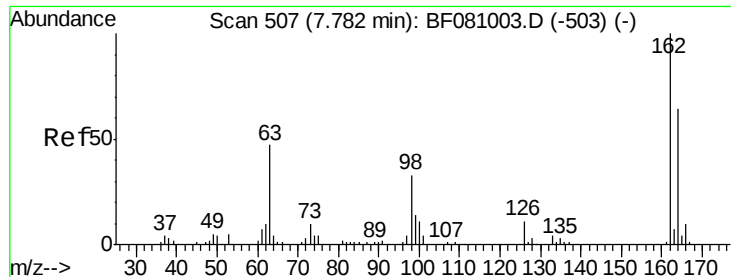
Tot Ion:122 Resp: 169584
 Ion Ratio Lower Upper
 122 100
 107 121.1 103.8 155.6
 121 57.8 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.64 ng
 RT: 7.55 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion: 93 Resp: 261199
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.8 38.8
 123 11.4 7.4 11.0#

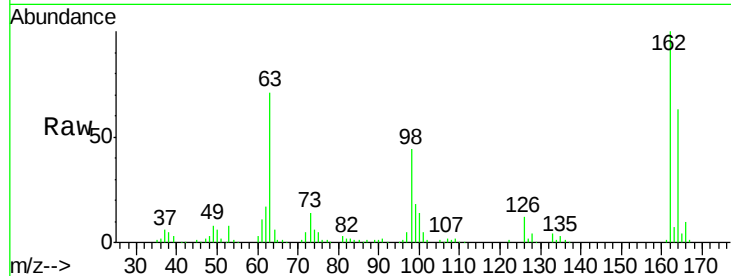




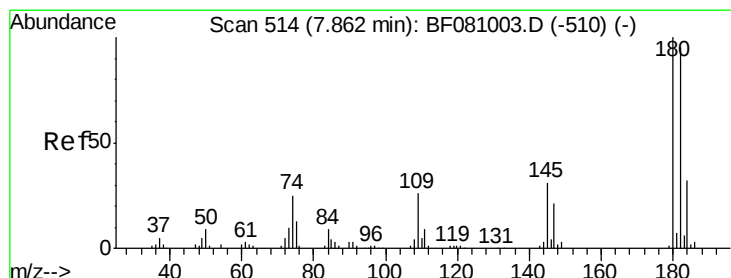
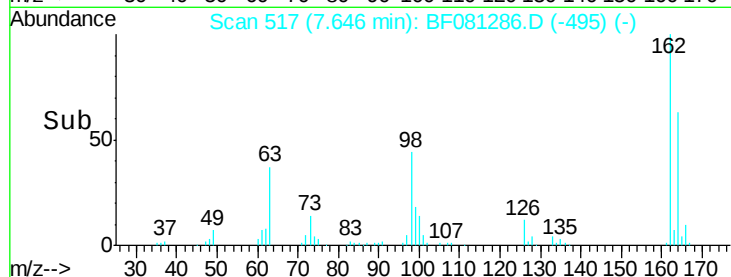
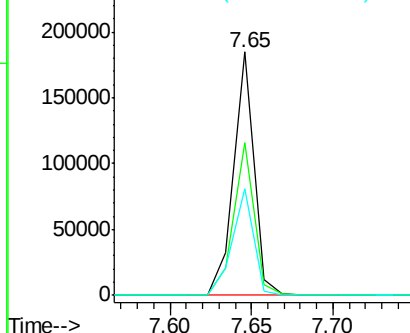
#29
2,4-Dichlorophenol
Concen: 42.00 ng
RT: 7.65 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 158660
Ion Ratio Lower Upper
162 100
164 62.7 43.2 83.2
98 44.0 12.3 52.3

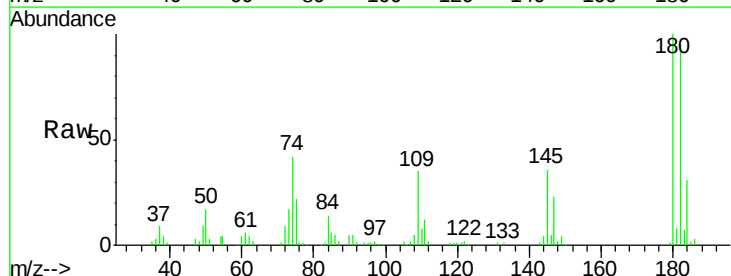


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

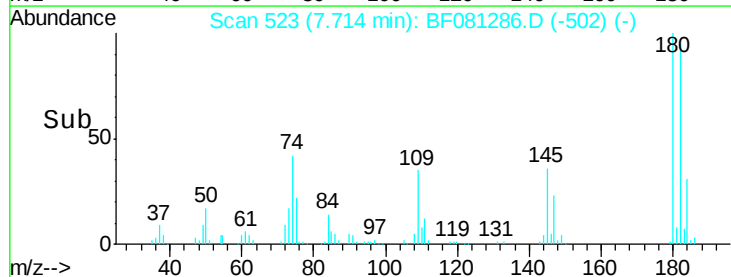
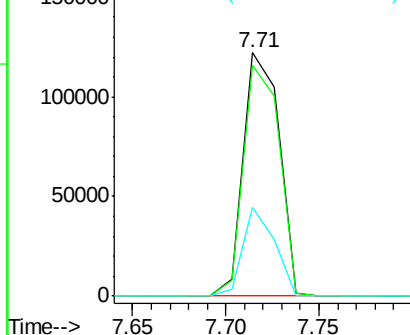


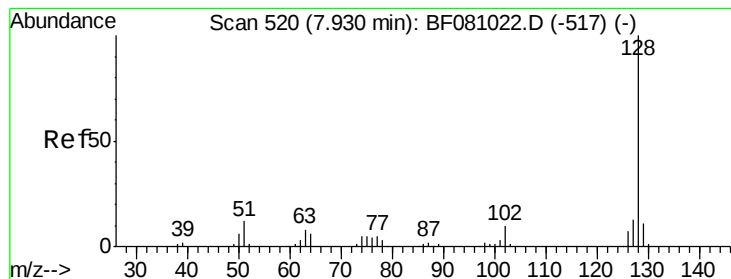
#30
1,2,4-Trichlorobenzene
Concen: 38.71 ng
RT: 7.71 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion:180 Resp: 162528
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 36.5 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: 36.63 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

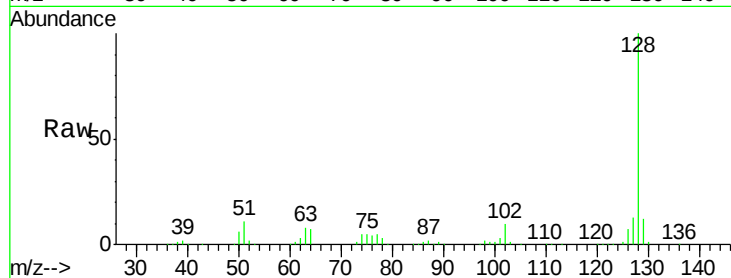
Tot Ion:128 Resp: 544118

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

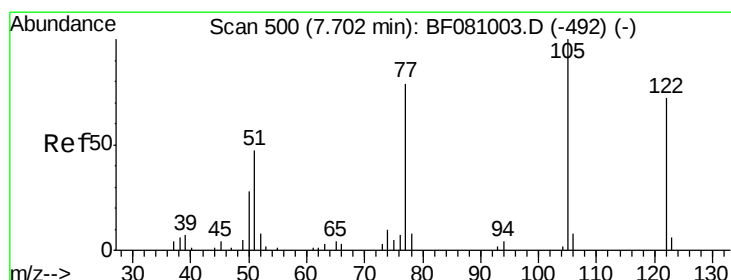
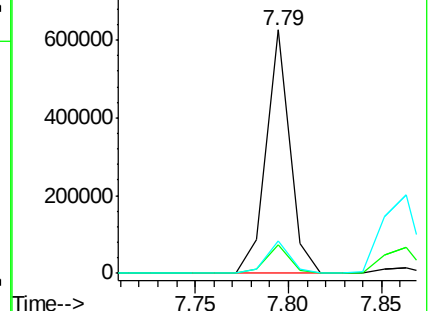
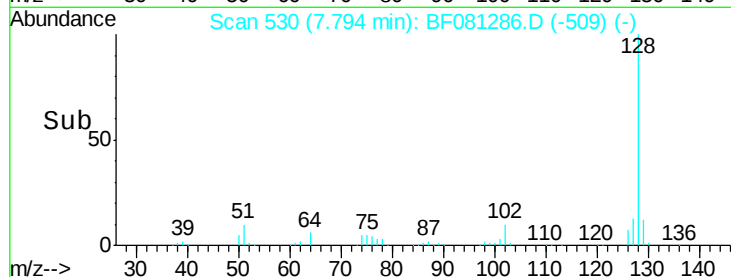
127 13.2 10.6 16.0



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: 47.23 ng

RT: 7.62 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

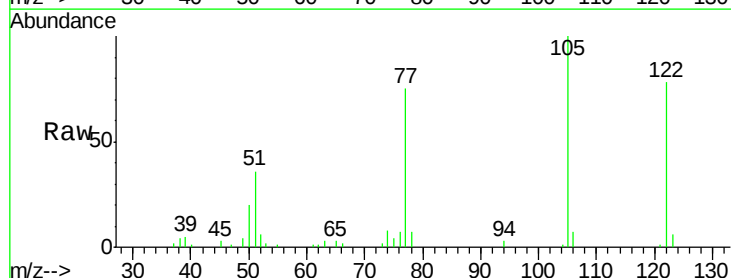
Tgt Ion:122 Resp: 119223

Ion Ratio Lower Upper

122 100

105 128.3 113.8 153.8

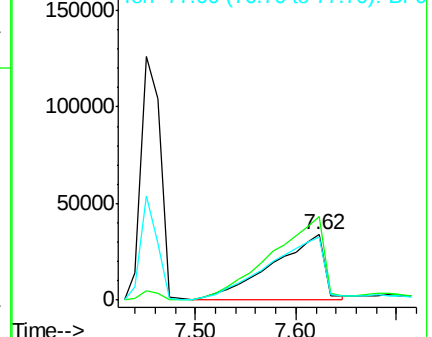
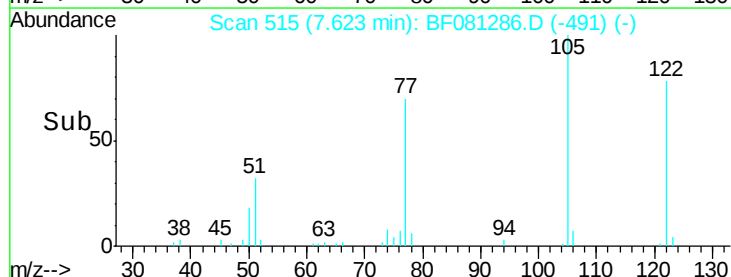
77 96.4 93.8 133.8

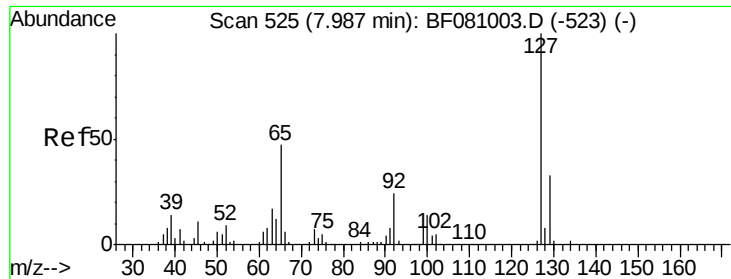


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

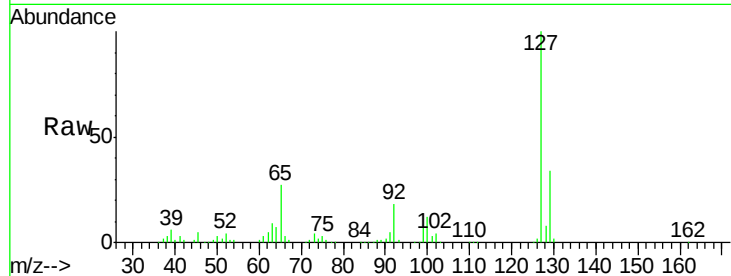




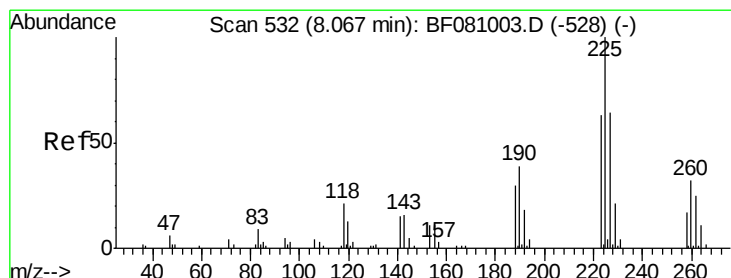
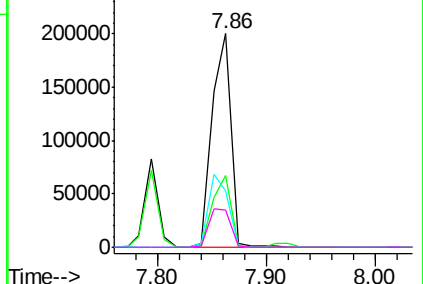
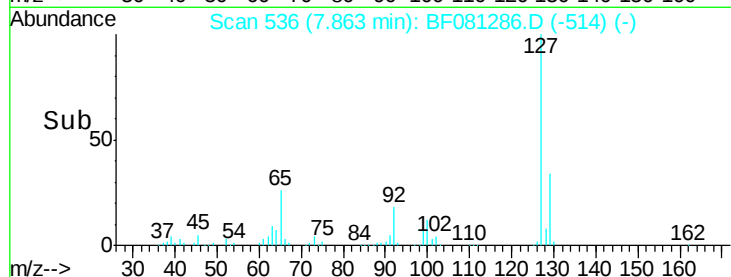
#33
 4-Chloroaniline
 Concen: 39.40 ng
 RT: 7.86 min Scan# 536
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	246913
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.2	37.8
65	26.6	37.8	56.6#
92	17.6	19.5	29.3#

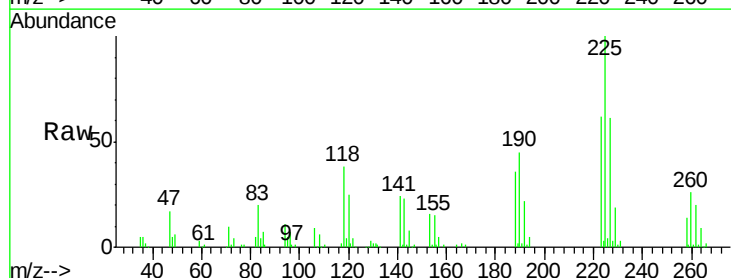


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

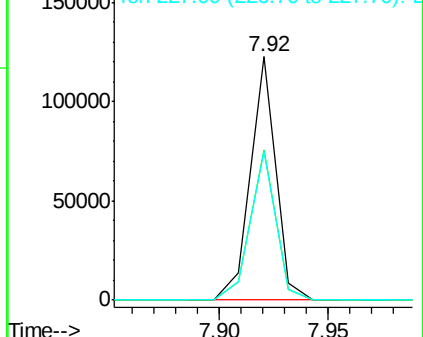
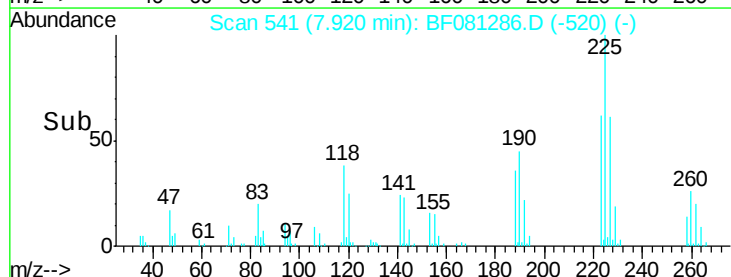


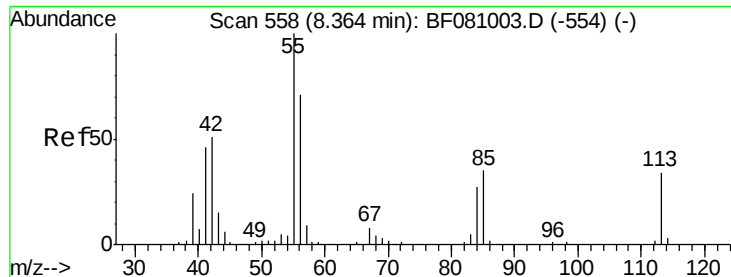
#34
 Hexachlorobutadiene
 Concen: 41.95 ng
 RT: 7.92 min Scan# 541
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:	225	Resp:	99603
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.6	79.0
227	61.4	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

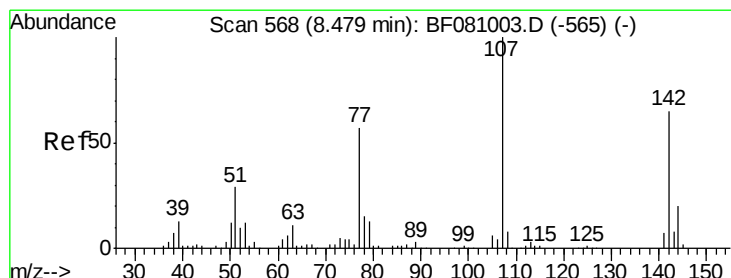
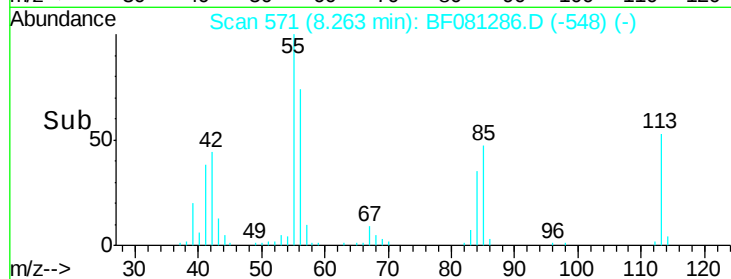
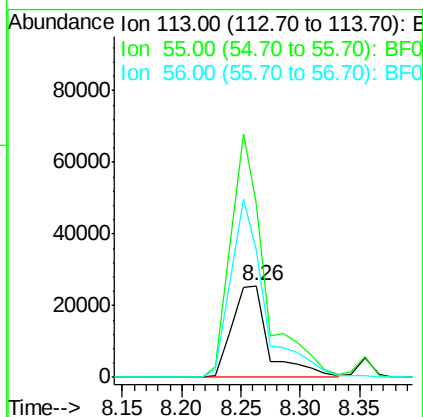
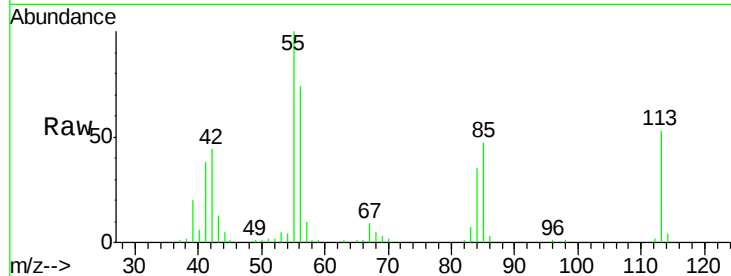




#35
 Caprolactam
 Concen: 41.49 ng
 RT: 8.26 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

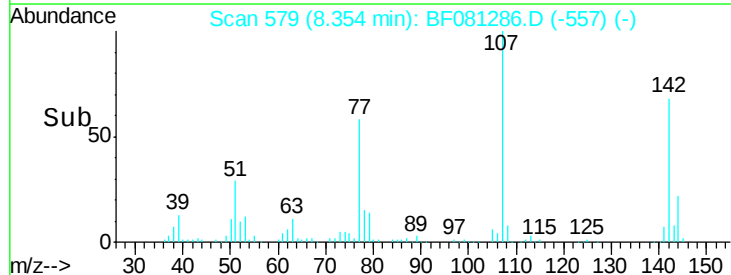
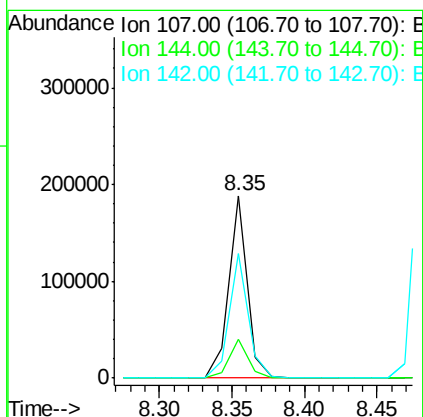
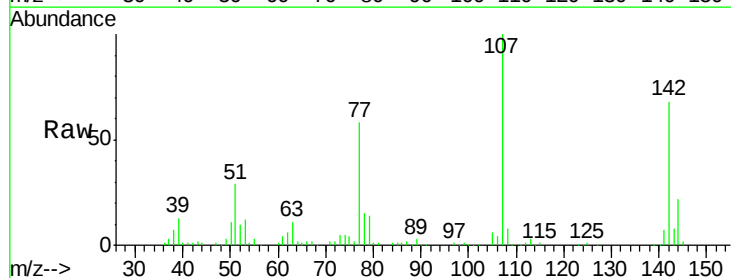
Instrument :
 BNA_F
 ClientSampleId :

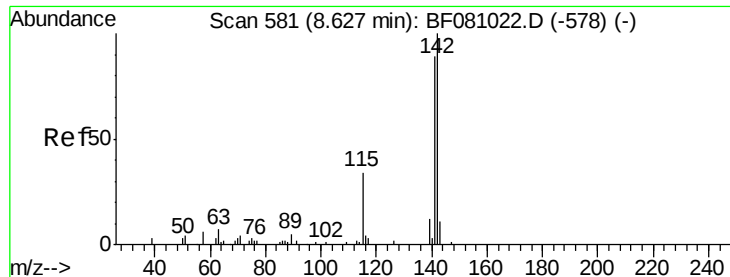
Tot Ion:113 Resp: 54782
 Ion Ratio Lower Upper
 113 100
 55 188.0 280.4 320.4#
 56 138.6 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 37.11 ng
 RT: 8.35 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:107 Resp: 167071
 Ion Ratio Lower Upper
 107 100
 144 21.5 17.2 25.8
 142 68.0 54.9 82.3

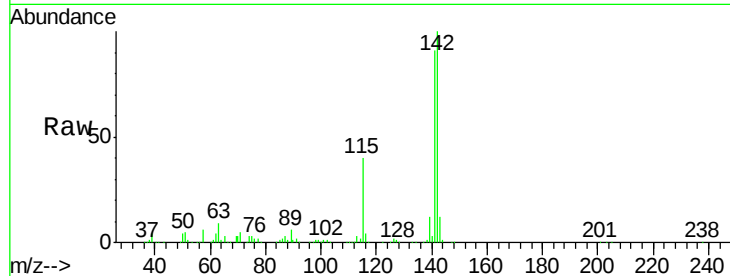




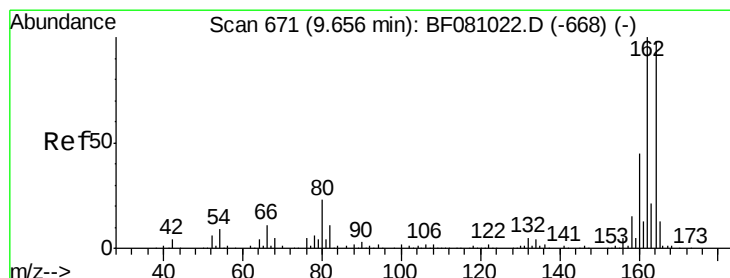
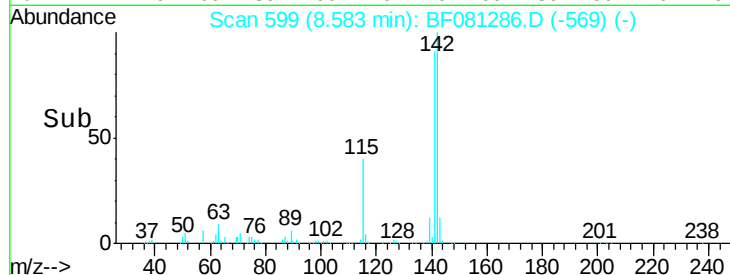
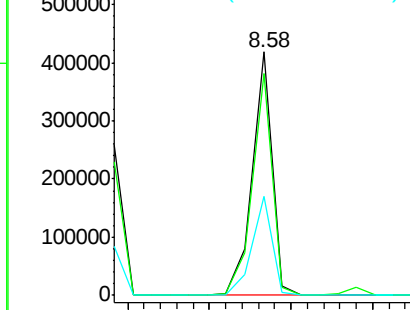
#37
2-Methylnaphthalene
Concen: 37.91 ng
RT: 8.58 min Scan# 599
Delta R.T. 0.04 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 355694
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.2
115 40.4 33.4 50.0

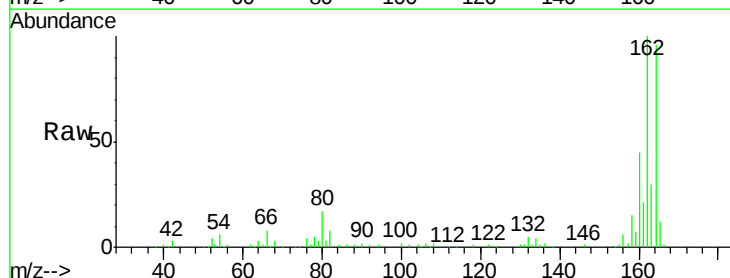


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

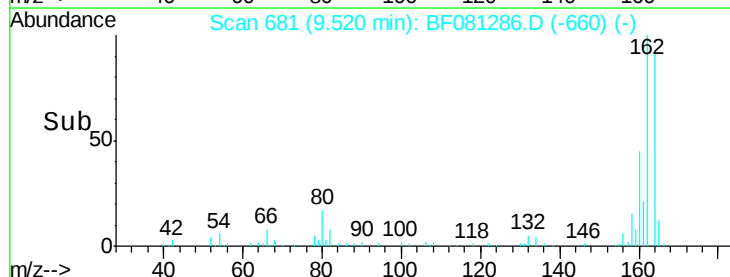
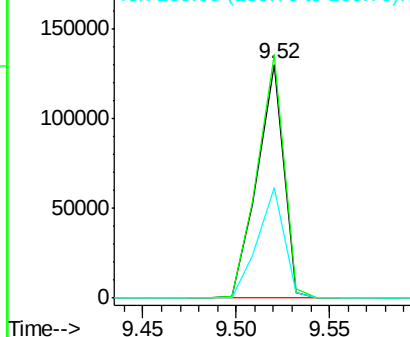


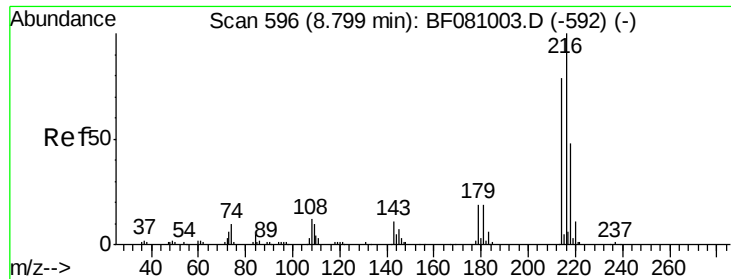
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 681
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion:164 Resp: 128106
Ion Ratio Lower Upper
164 100
162 104.3 83.8 125.8
160 47.2 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

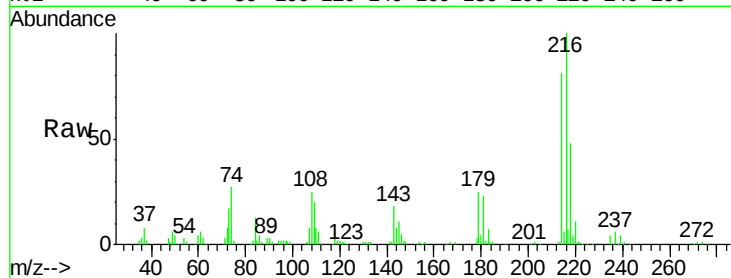




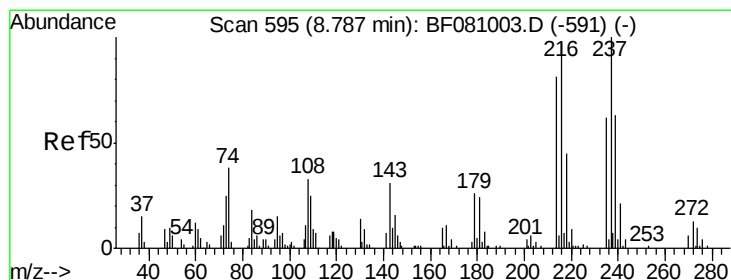
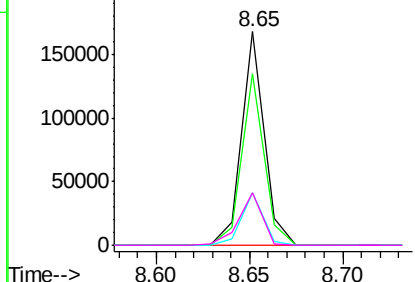
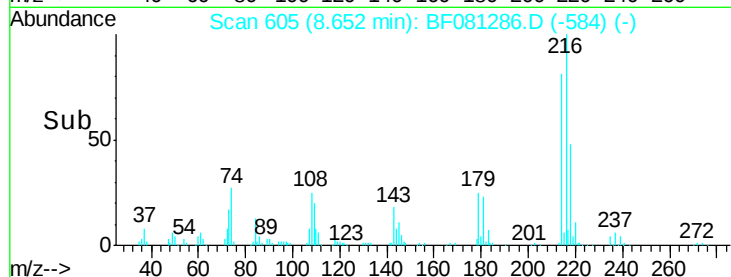
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.48 ng
 RT: 8.65 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	142517
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.8 95.8
179	24.1	17.8 26.8
108	26.0	16.2 24.2#

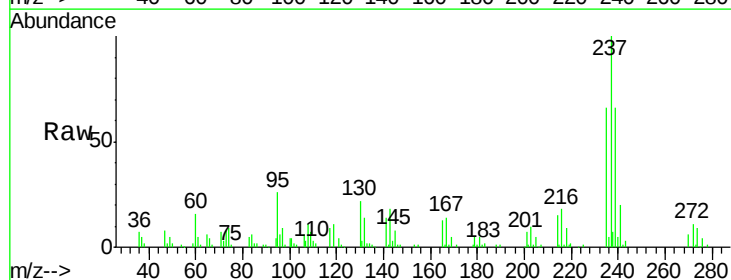


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

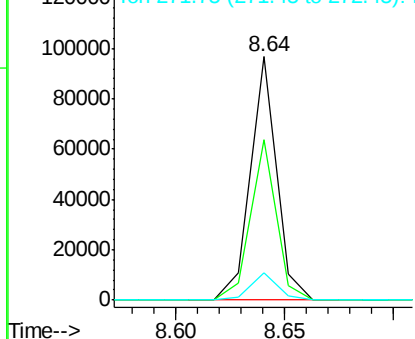
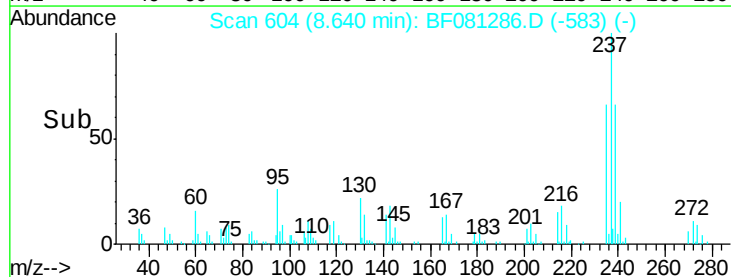


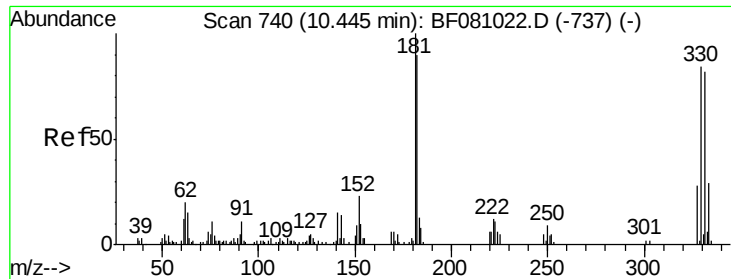
#40
 Hexachlorocyclopentadiene
 Concen: 37.90 ng
 RT: 8.64 min Scan# 604
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:237	Resp:	81071
Ion Ratio	Lower	Upper
237	100	
235	65.9	43.6 83.6
272	11.2	0.0 32.2



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





#41

2,4,6-Tribromophenol

Concen: 75.82 ng

RT: 10.31 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

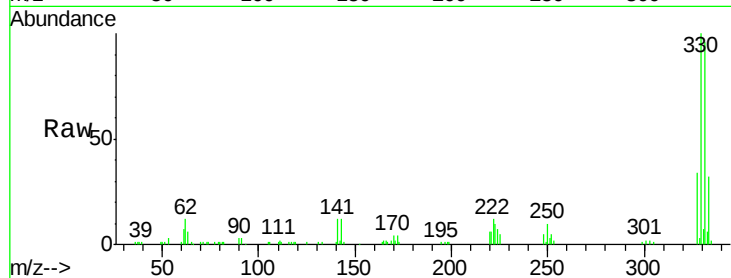
Tot Ion:330 Resp: 84191

Ion Ratio Lower Upper

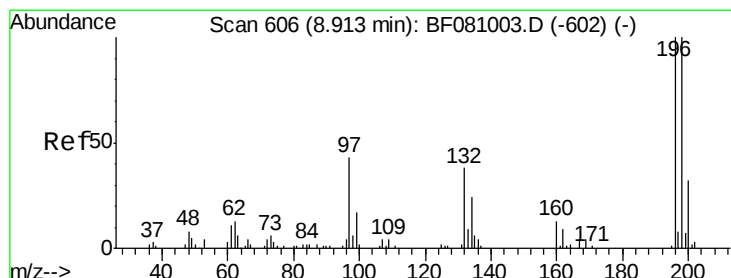
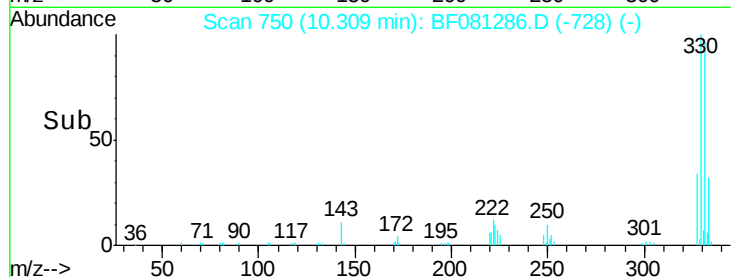
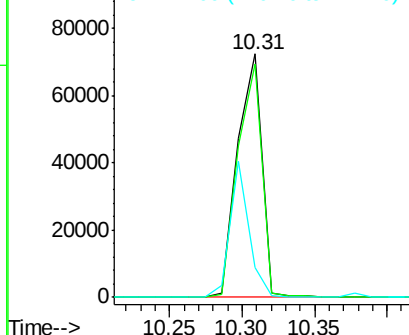
330 100

332 95.7 77.3 115.9

141 43.4 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: 37.61 ng

RT: 8.78 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

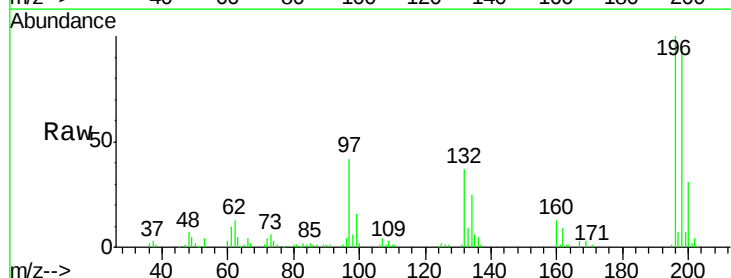
Tgt Ion:196 Resp: 109816

Ion Ratio Lower Upper

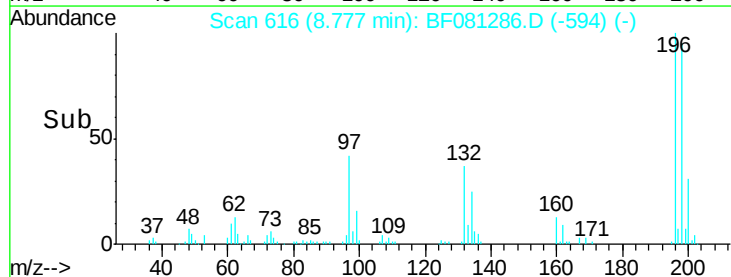
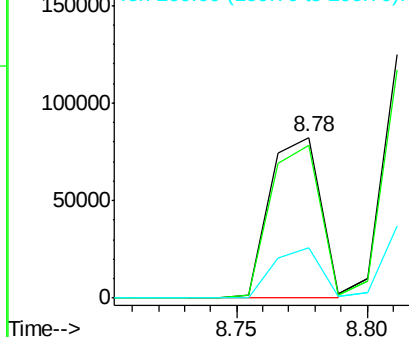
196 100

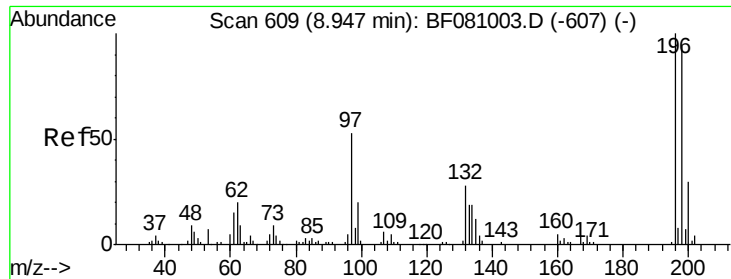
198 95.3 74.6 111.8

200 31.1 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

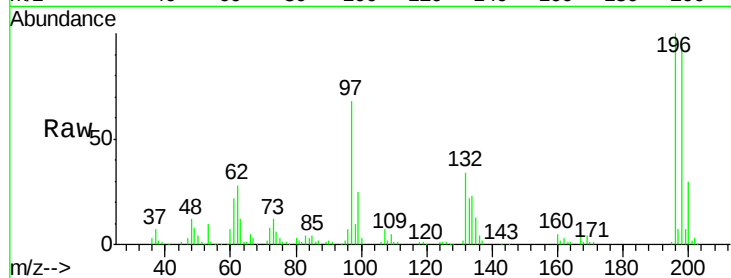




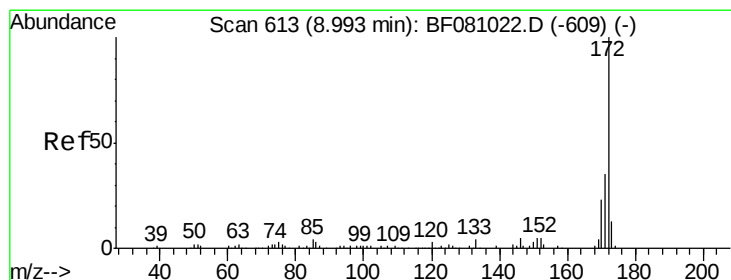
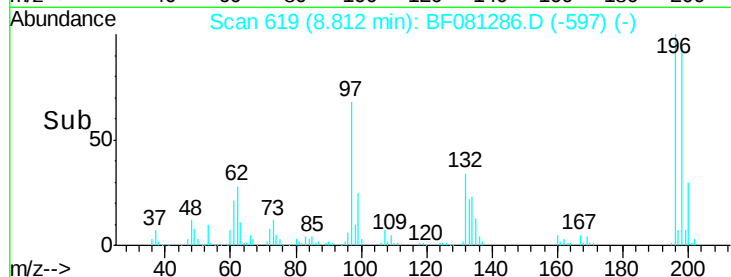
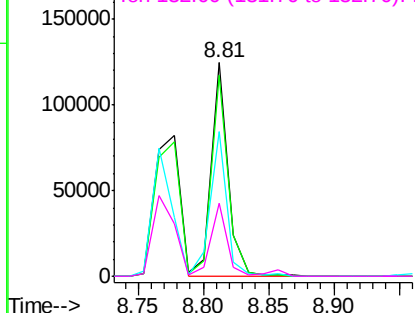
#43
 2,4,5-Trichlorophenol
 Concen: 38.17 ng
 RT: 8.81 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	111379
Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.3	117.5
97	67.8	42.7	64.1#
132	34.3	23.3	34.9

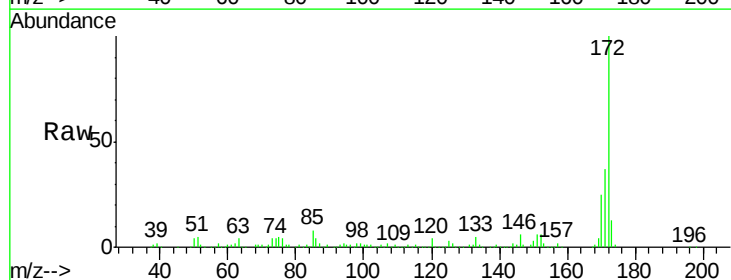


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

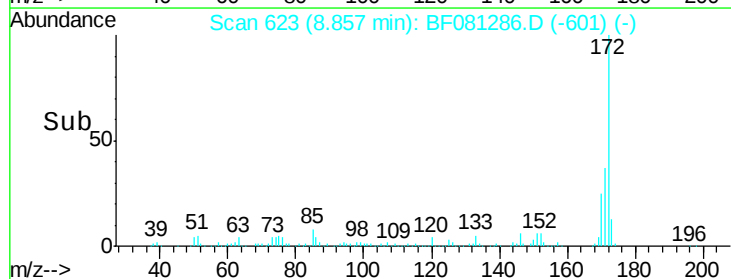
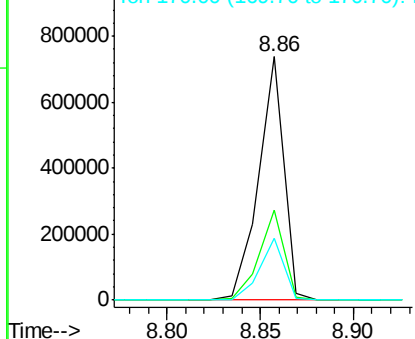


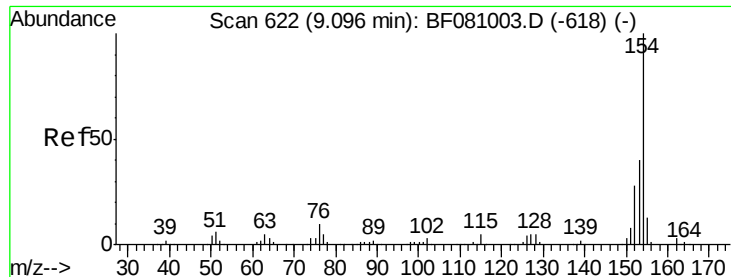
#44
 2-Fluorobiphenyl
 Concen: 70.33 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:	172	Resp:	687611
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.2	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

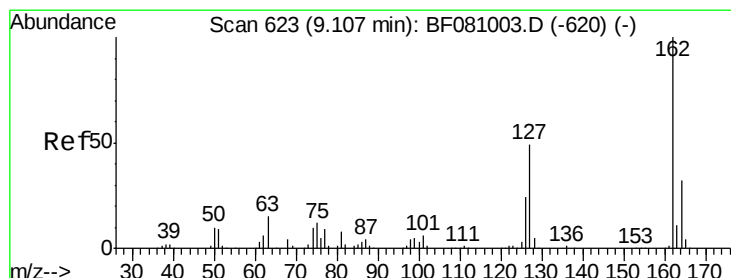
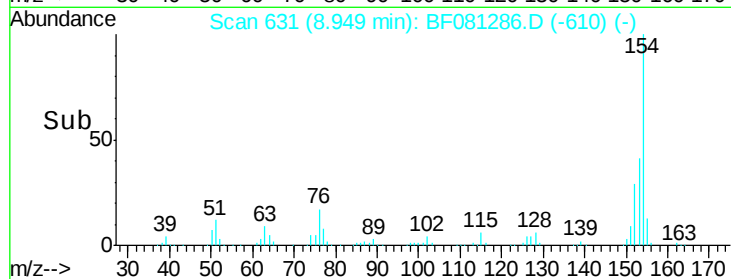
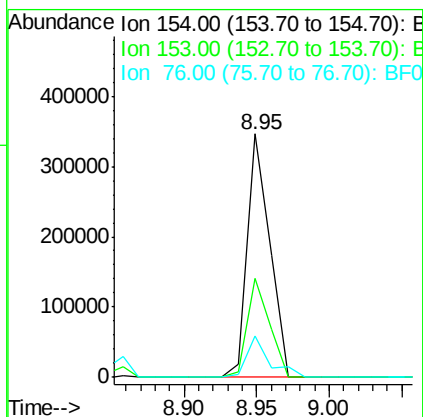
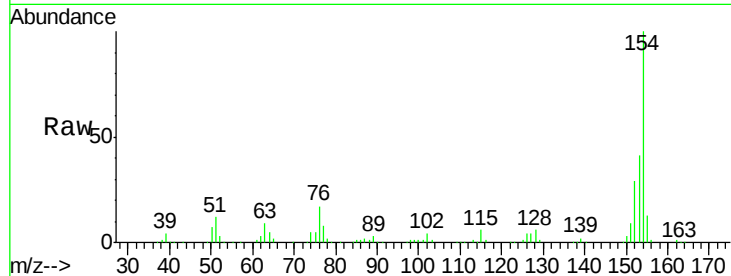




#45
 1,1'-Biphenyl
 Concen: 32.78 ng
 RT: 8.95 min Scan# 631
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

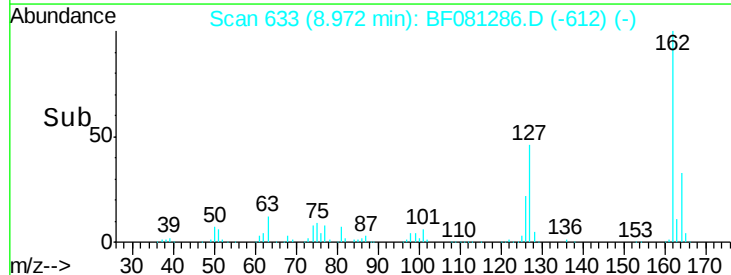
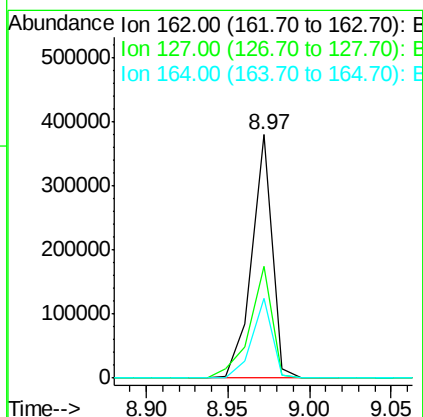
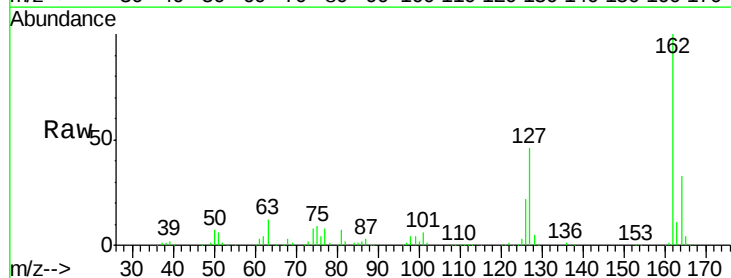
Instrument :
 BNA_F
 ClientSampleId :

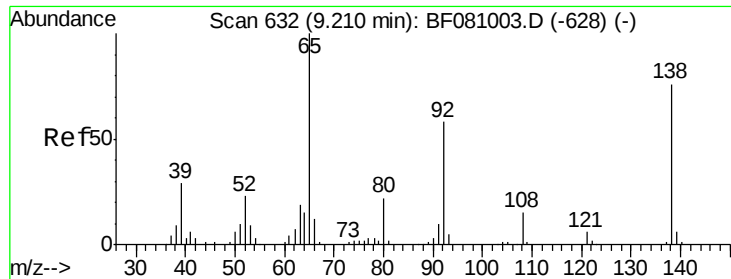
Tot Ion:154 Resp: 369922
 Ion Ratio Lower Upper
 154 100
 153 40.6 19.5 59.5
 76 16.8 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 36.43 ng
 RT: 8.97 min Scan# 633
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:162 Resp: 330222
 Ion Ratio Lower Upper
 162 100
 127 45.7 31.3 46.9
 164 32.8 26.3 39.5

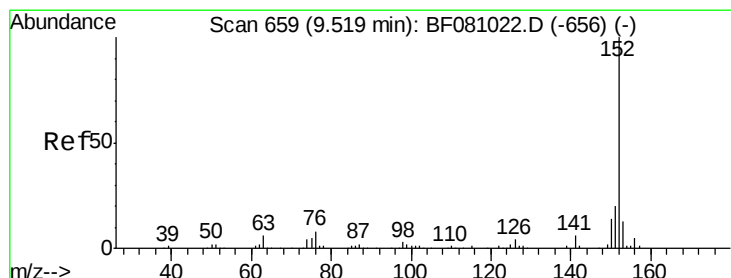
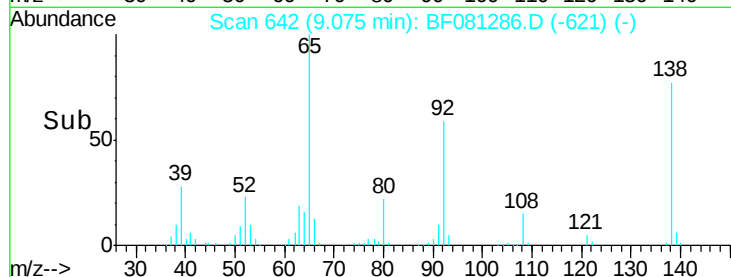
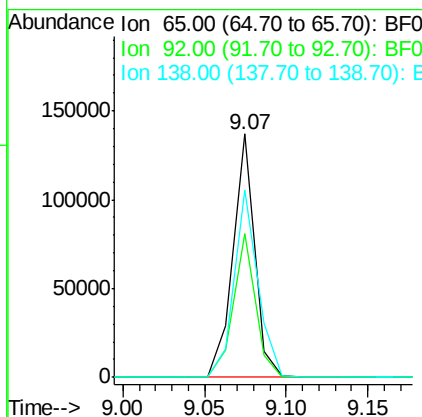
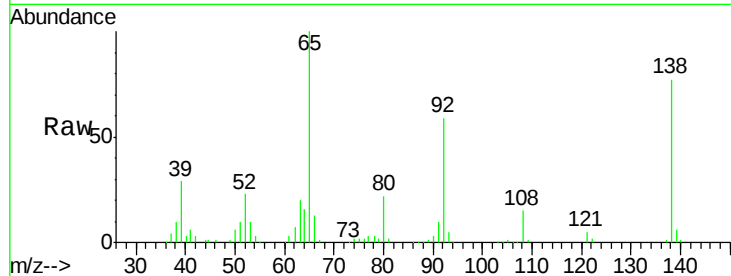




#47
 2-Nitroaniline
 Concen: 33.69 ng
 RT: 9.07 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

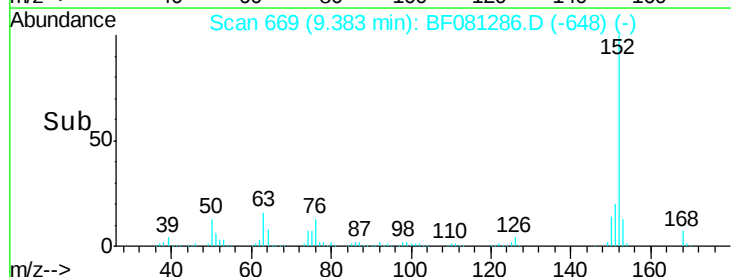
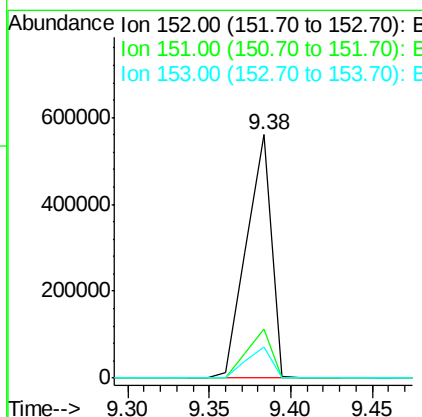
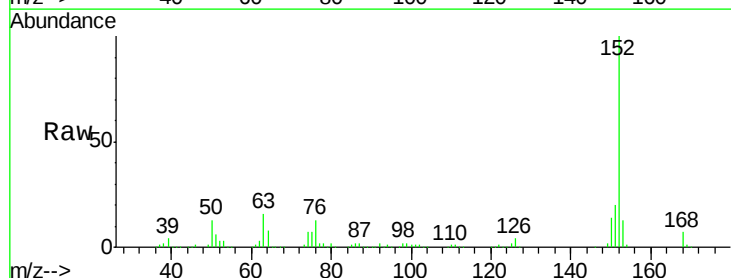
Instrument :
 BNA_F
 ClientSampleId :

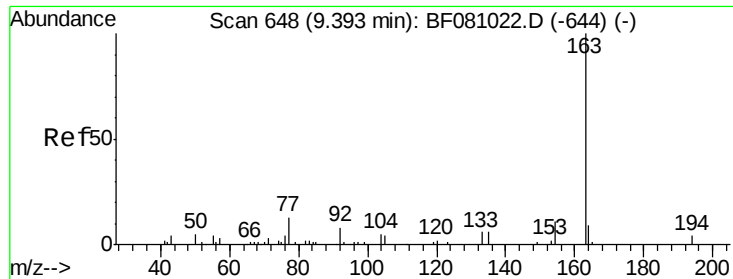
Tot Ion: 65 Resp: 124974
 Ion Ratio Lower Upper
 65 100
 92 59.3 45.6 68.4
 138 76.9 57.9 86.9



#48
 Acenaphthylene
 Concen: 36.70 ng
 RT: 9.38 min Scan# 669
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion: 152 Resp: 595125
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.1 24.1
 153 12.9 9.8 14.6

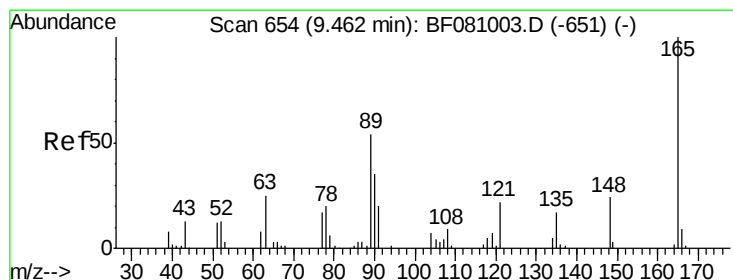
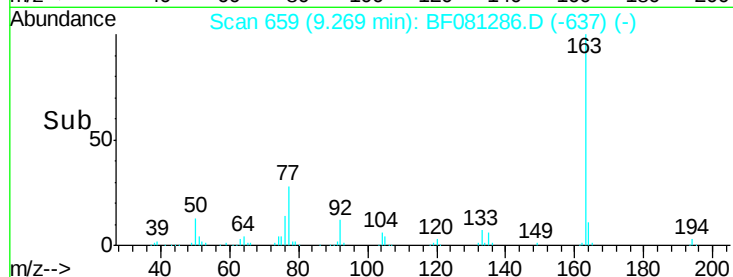
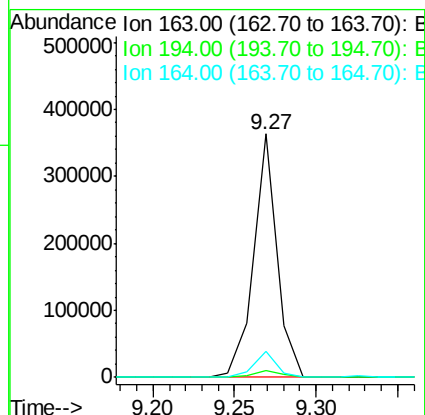
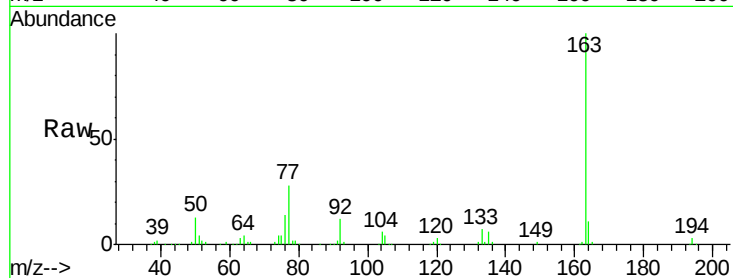




#49
Dimethylphthalate
Concen: 34.42 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

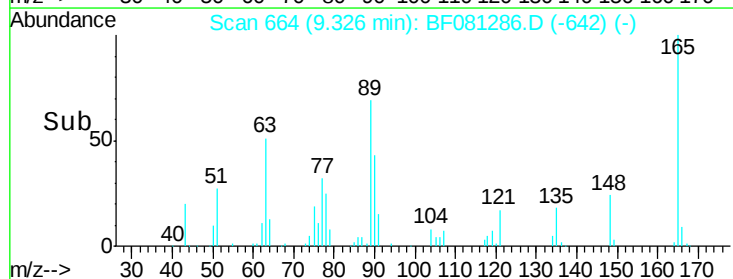
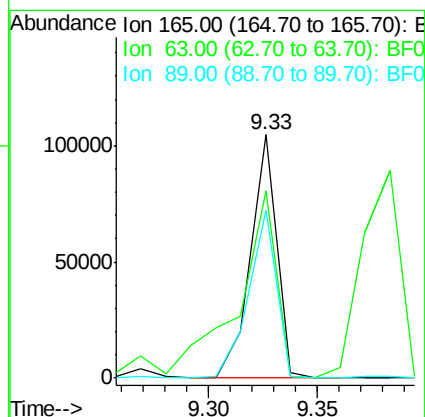
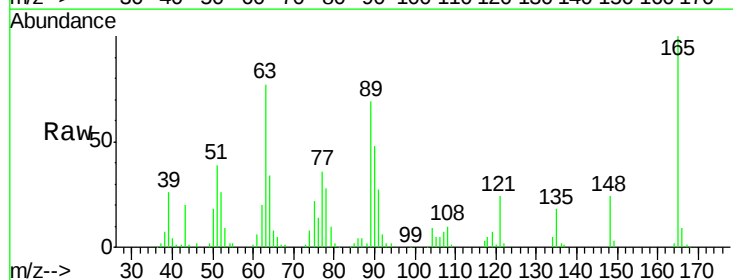
Instrument :
BNA_F
ClientSampled :

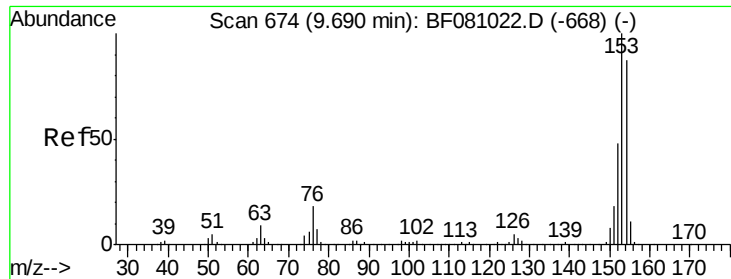
Tot Ion:163 Resp: 363129
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.5 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 38.51 ng
RT: 9.33 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion:165 Resp: 87235
Ion Ratio Lower Upper
165 100
63 77.1 49.5 74.3#
89 69.3 47.6 71.4





#51

Acenaphthene

Concen: 35.19 ng

RT: 9.55 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

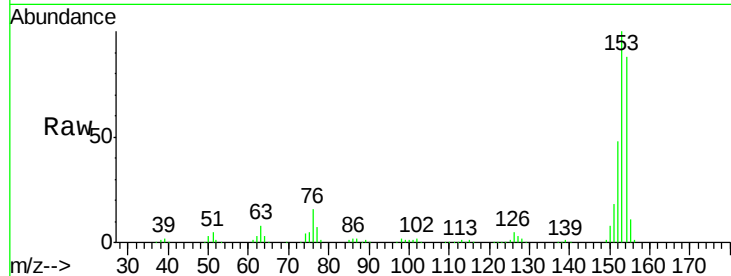
Tot Ion:154 Resp: 341596

Ion Ratio Lower Upper

154 100

153 114.0 91.4 137.2

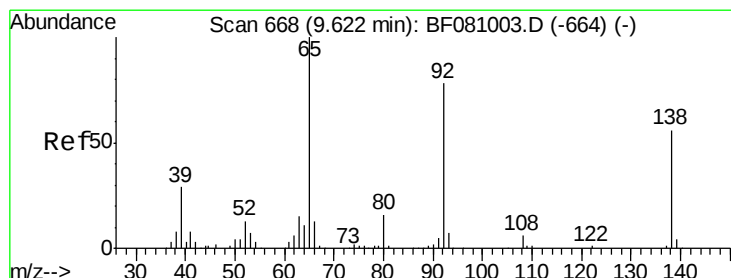
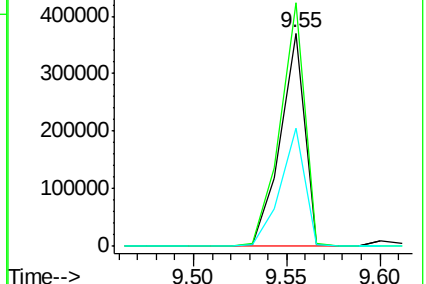
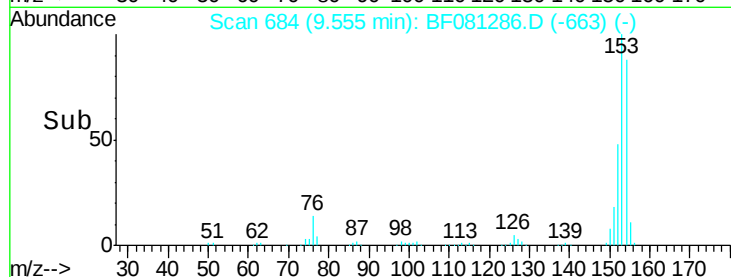
152 55.3 43.7 65.5



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: 34.06 ng

RT: 9.49 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

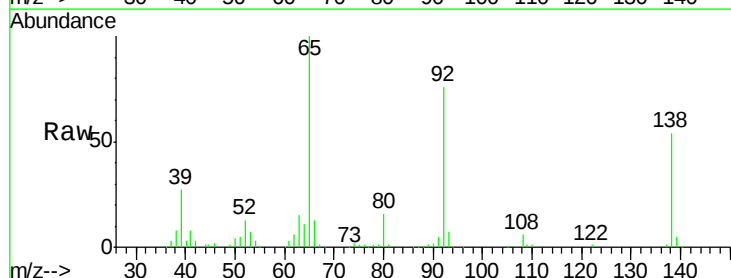
Tgt Ion:138 Resp: 96556

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.2

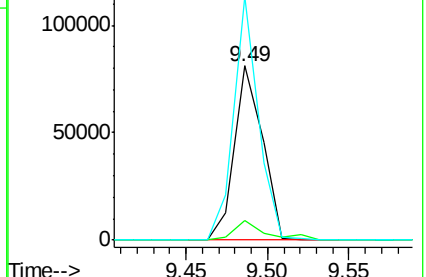
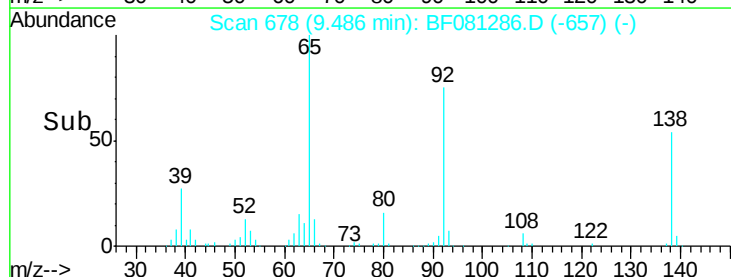
92 139.7 113.2 169.8

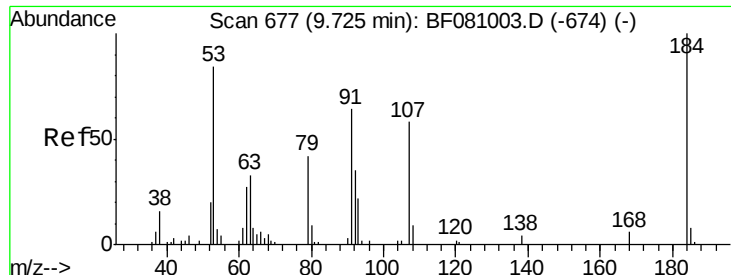


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

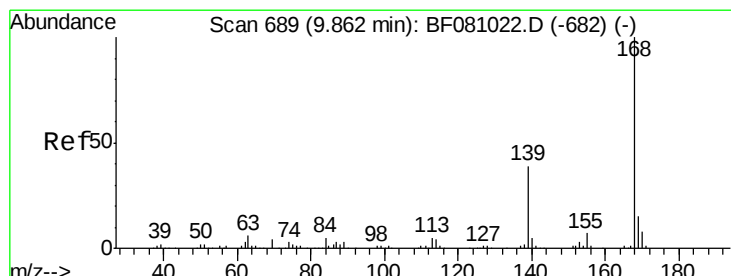
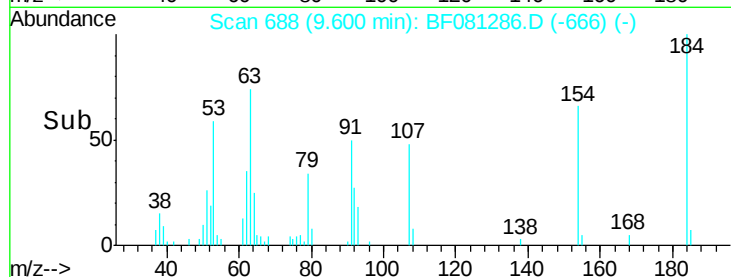
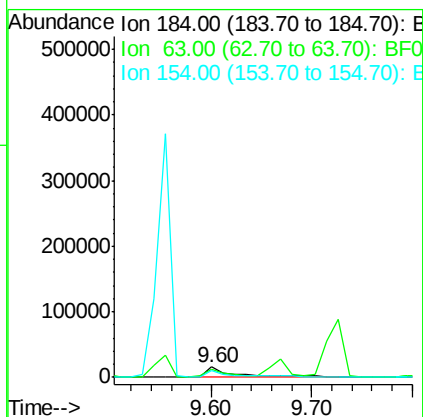
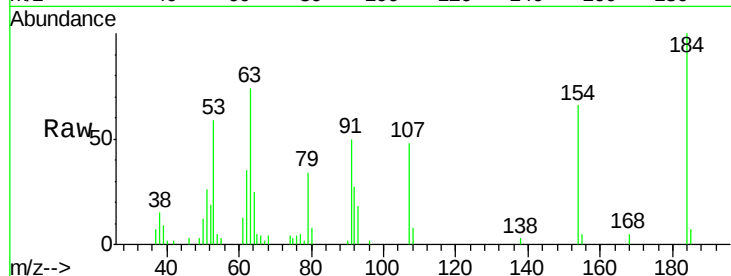




#53
 2,4-Dinitrophenol
 Concen: 32.29 ng
 RT: 9.60 min Scan# 688
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

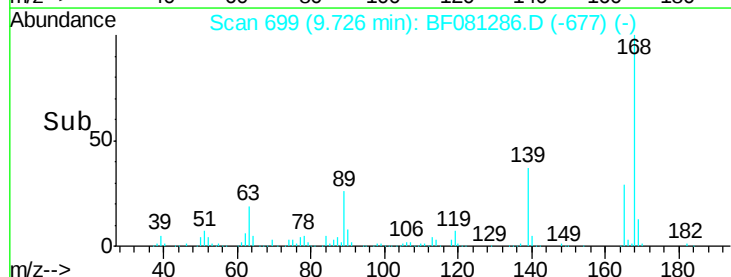
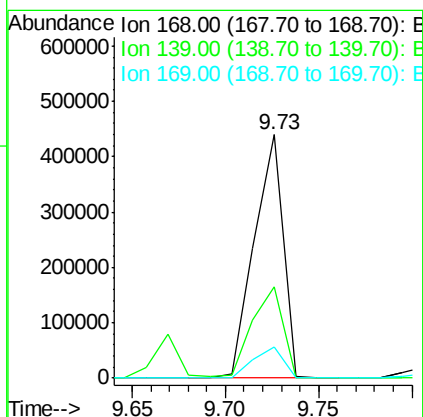
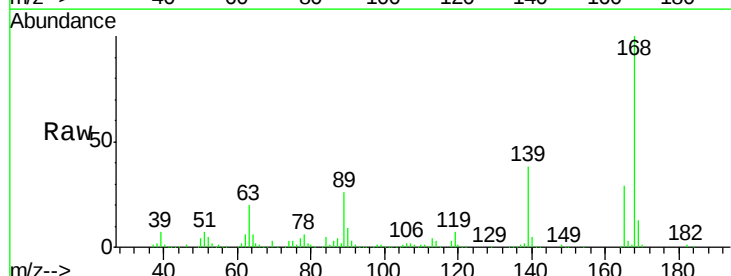
Instrument :
 BNA_F
 ClientSampled :

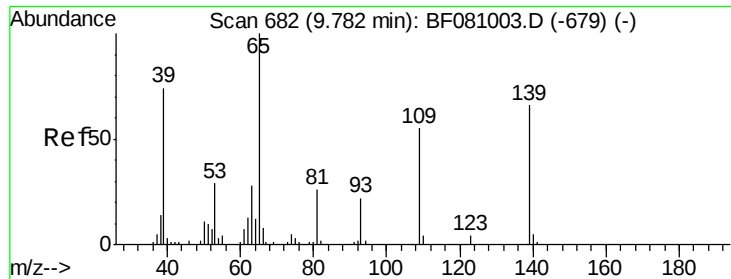
Tot Ion:184 Resp: 34109
 Ion Ratio Lower Upper
 184 100
 63 73.6 101.7 152.5#
 154 66.0 67.4 101.0#



#54
 Dibenzofuran
 Concen: 36.11 ng
 RT: 9.73 min Scan# 699
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:168 Resp: 469792
 Ion Ratio Lower Upper
 168 100
 139 37.6 29.3 43.9
 169 13.1 10.3 15.5





#55

4-Nitrophenol

Concen: 36.81 ng

RT: 9.67 min Scan# 694

Delta R.T. -0.05 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

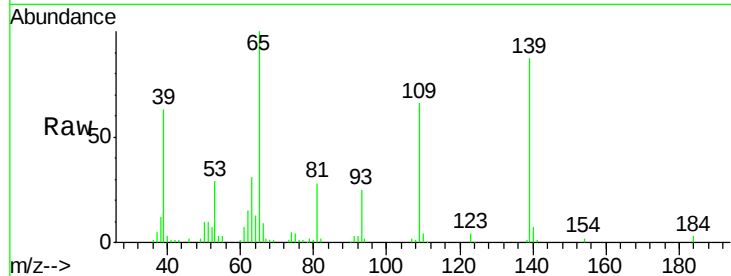
Tot Ion:139 Resp: 73290

Ion Ratio Lower Upper

139 100

109 76.3 80.0 120.0#

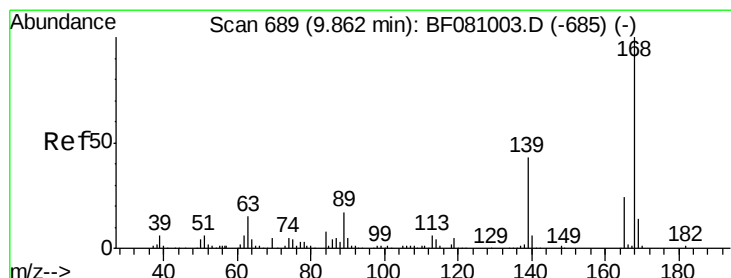
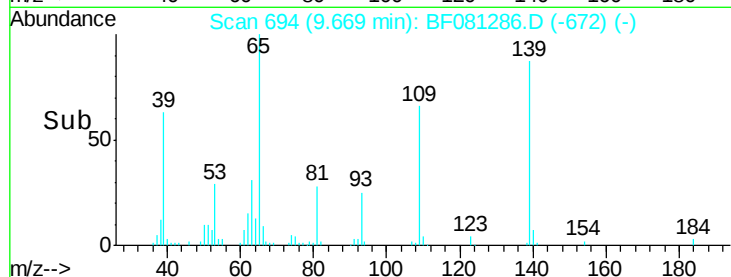
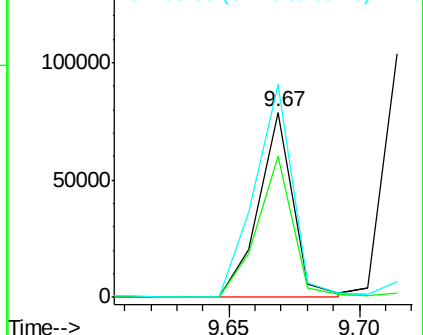
65 115.3 138.3 178.3#



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: BF081286.D

Acq: 29 Aug 2015 22:59

Tgt Ion:165 Resp: 115947

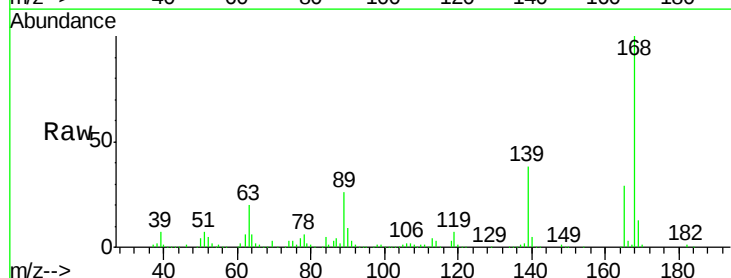
Ion Ratio Lower Upper

165 100

63 69.7 52.2 78.4

89 90.2 60.1 90.1#

182 2.0 1.8 2.6

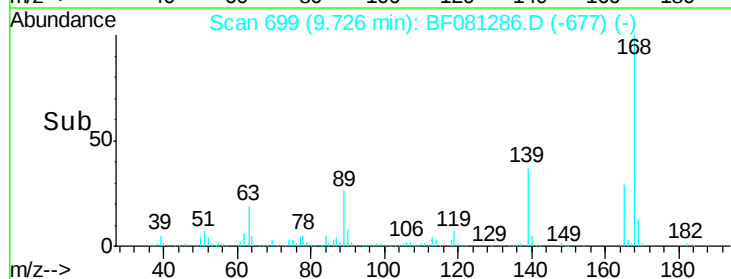
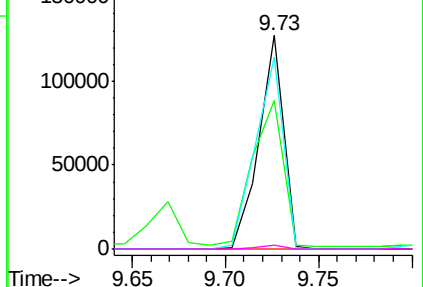


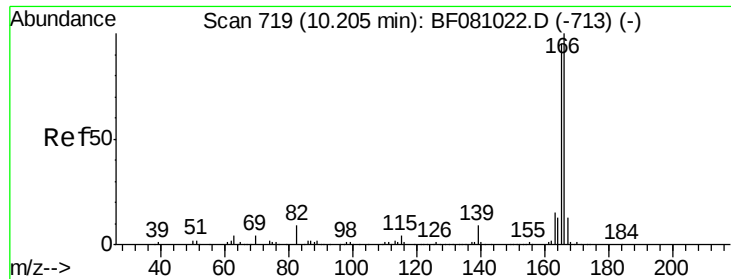
Abundance Ion 165.00 (164.70 to 165.70): E

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

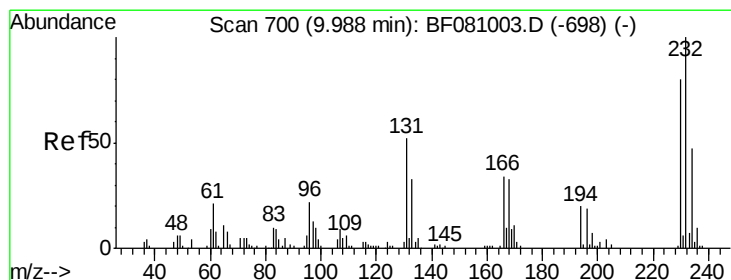
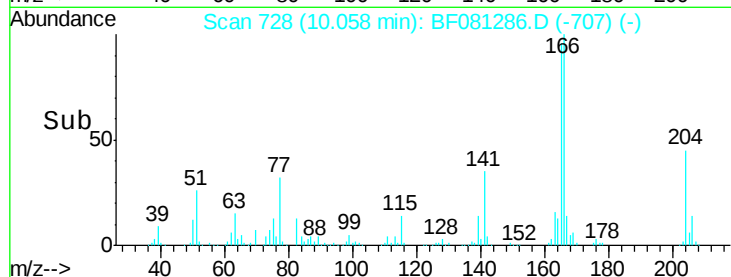
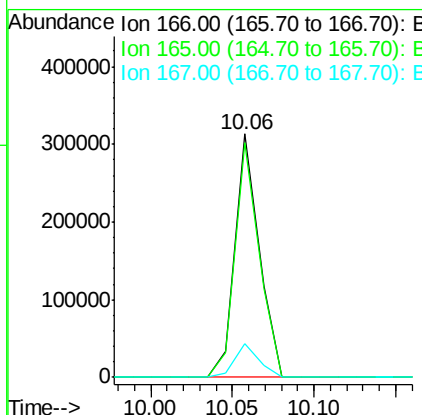
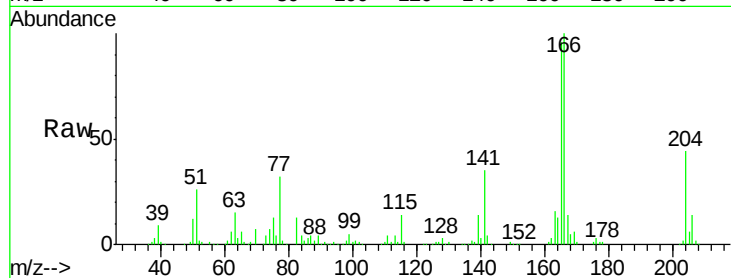




#57
 Fluorene
 Concen: 31.92 ng
 RT: 10.06 min Scan# 728
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

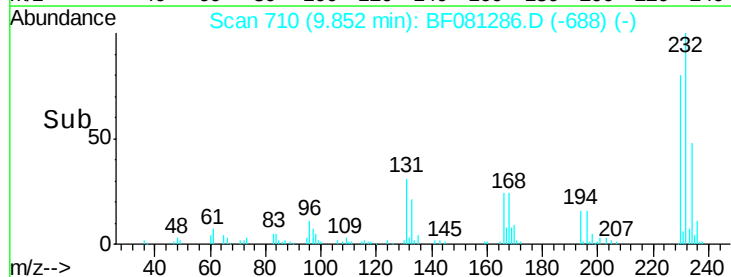
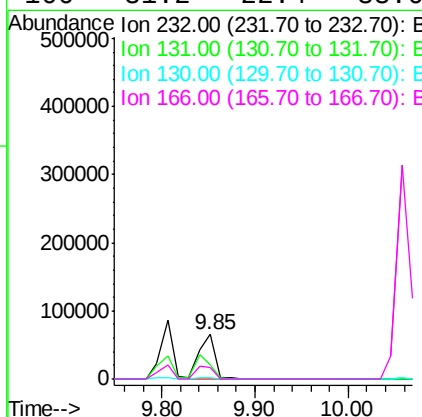
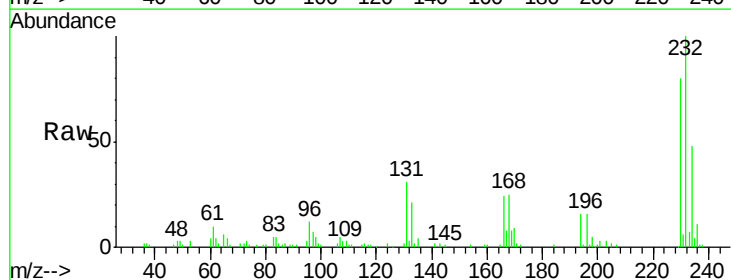
Instrument :
 BNA_F
 ClientSampled :

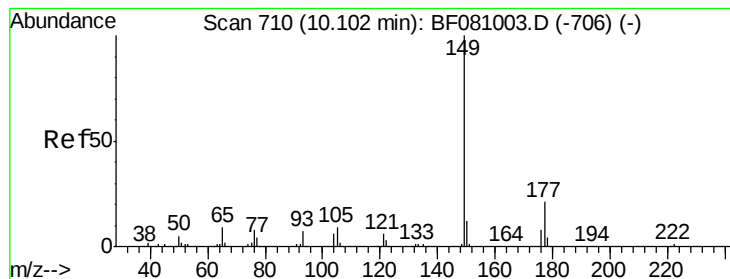
Tot Ion:166 Resp: 319421
 Ion Ratio Lower Upper
 166 100
 165 96.2 75.8 113.8
 167 14.0 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.59 ng
 RT: 9.85 min Scan# 710
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:232 Resp: 80393
 Ion Ratio Lower Upper
 232 100
 131 50.4 42.2 63.4
 130 2.6 2.1 3.1
 166 31.2 22.4 33.6





#59

Diethylphthalate

Concen: 39.17 ng

RT: 9.97 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

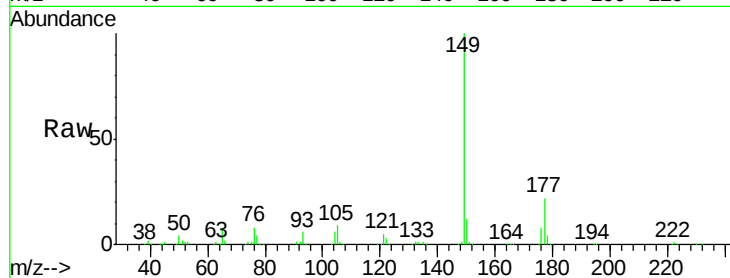
Tot Ion:149 Resp: 437421

Ion Ratio Lower Upper

149 100

177 21.6 14.1 21.1#

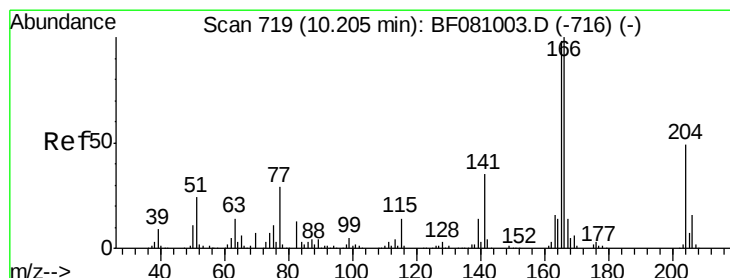
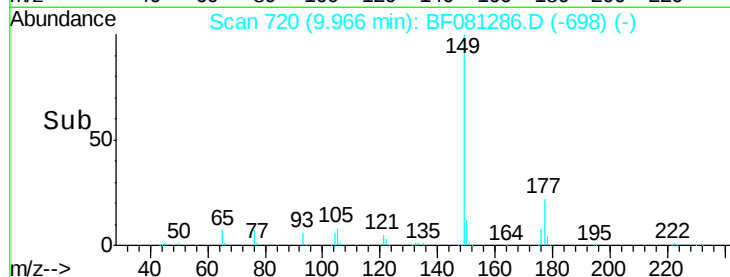
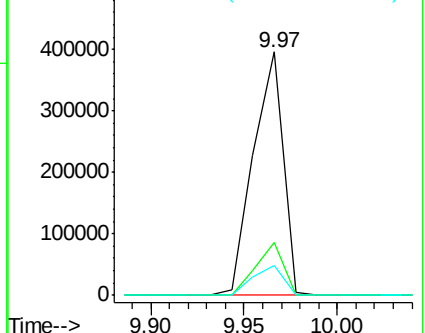
150 12.4 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.74 ng

RT: 10.06 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

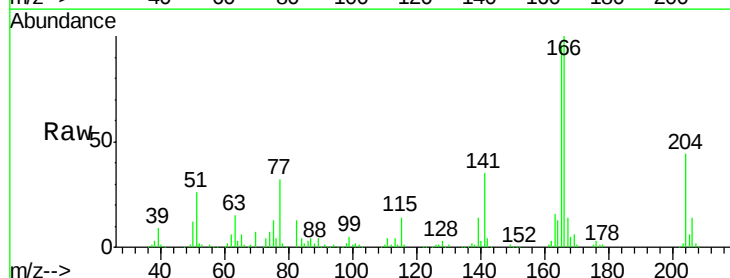
Tgt Ion:204 Resp: 151361

Ion Ratio Lower Upper

204 100

206 31.0 26.2 39.2

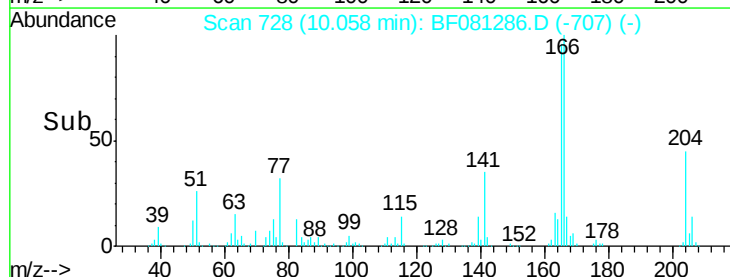
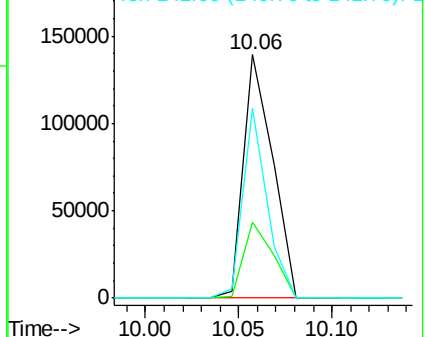
141 77.9 59.6 89.4

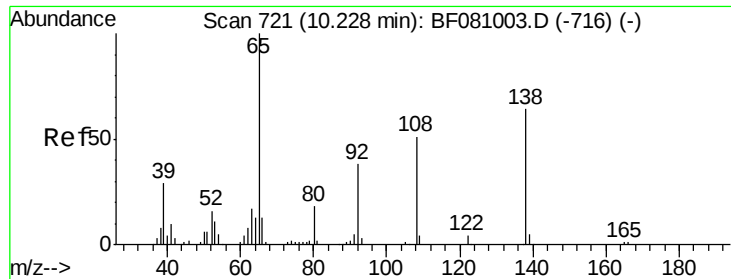


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

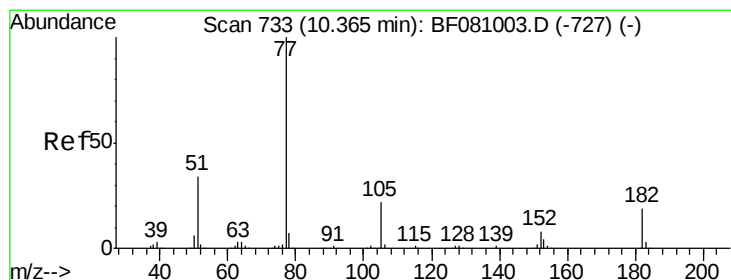
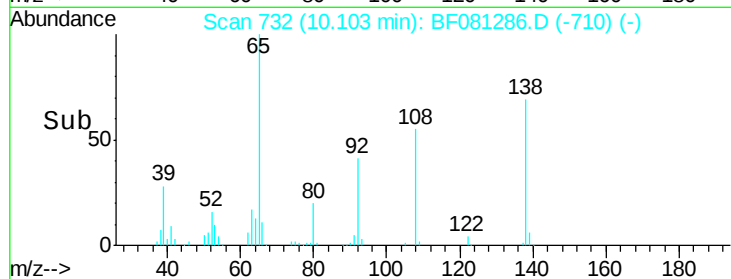
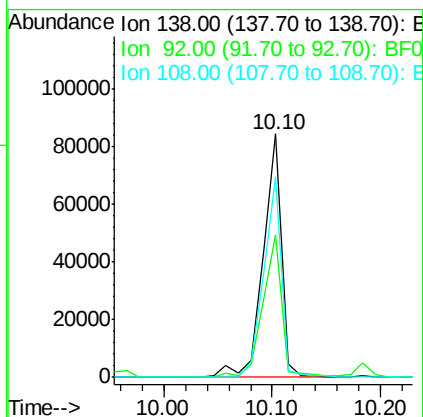
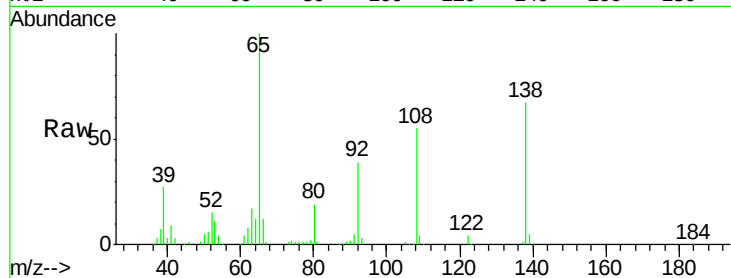




#61
4-Nitroaniline
Concen: 34.85 ng
RT: 10.10 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

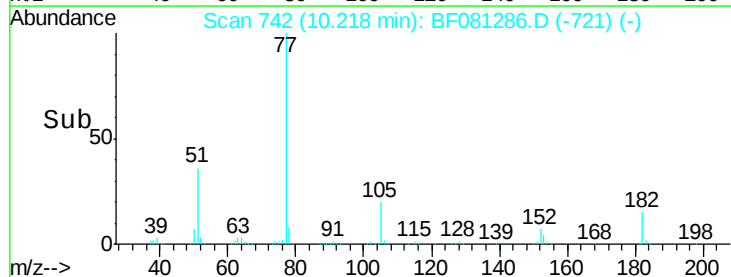
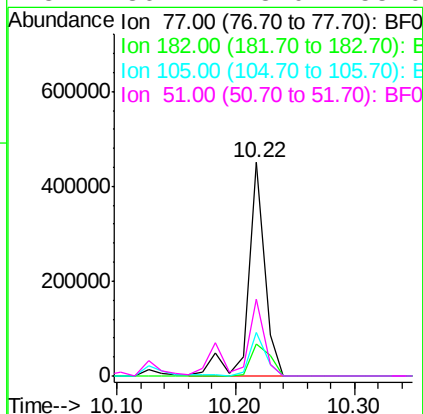
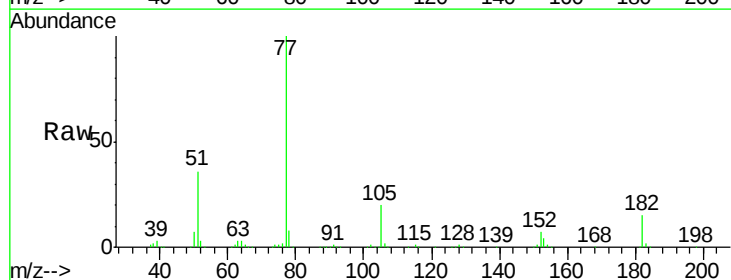
Instrument :
BNA_F
ClientSampleId :

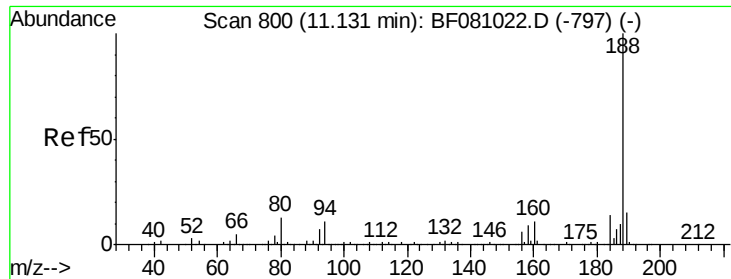
Tot Ion:138 Resp: 100956
Ion Ratio Lower Upper
138 100
92 58.8 34.7 74.7
108 81.9 68.9 108.9



#62
Azobenzene
Concen: 34.12 ng
RT: 10.22 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion: 77 Resp: 439012
Ion Ratio Lower Upper
77 100
182 14.8 0.0 39.0
105 20.2 0.2 40.2
51 36.1 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

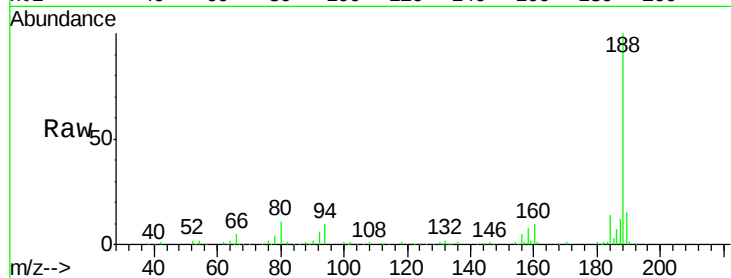
Tot Ion:188 Resp: 241564

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

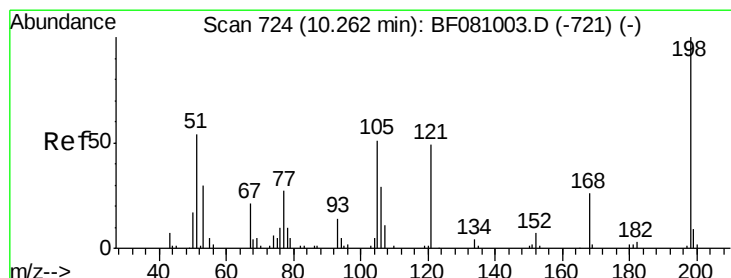
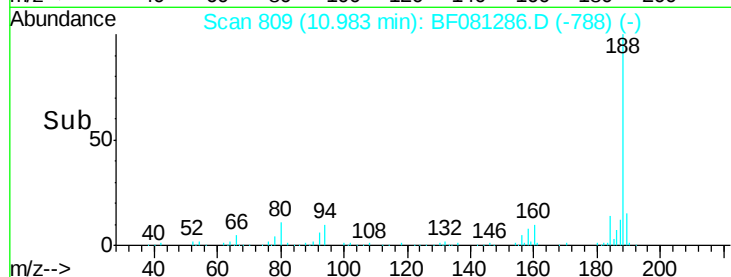
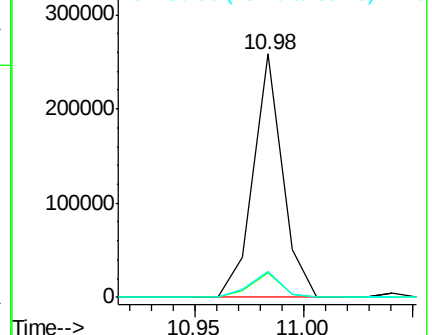
80 10.8 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.16 ng

RT: 10.14 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

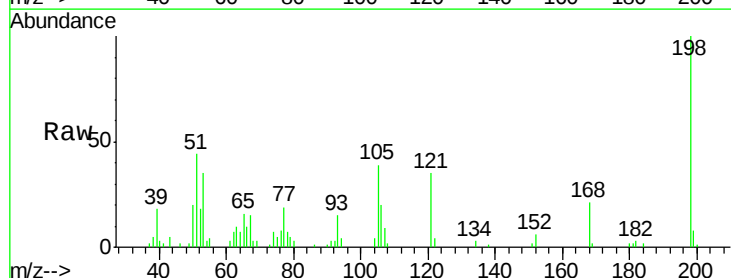
Tgt Ion:198 Resp: 56498

Ion Ratio Lower Upper

198 100

51 43.6 79.7 119.7#

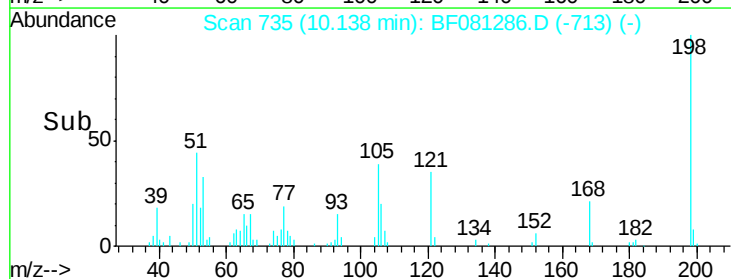
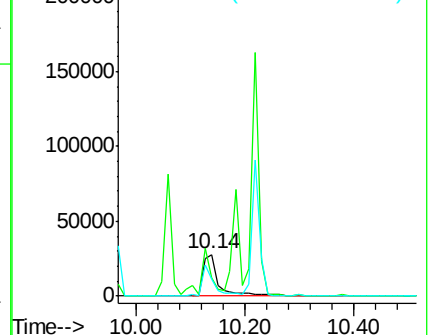
105 39.3 47.0 87.0#

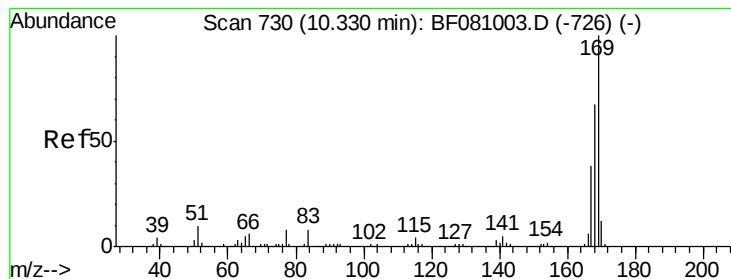


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

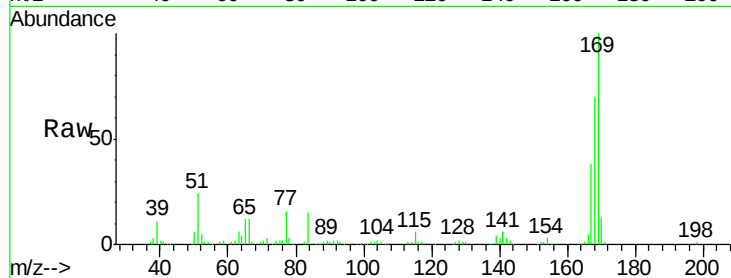




#65
 n-Nitrosodiphenylamine
 Concen: 34.85 ng
 RT: 10.18 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.6	55.3	82.9
167	38.1	30.8	46.2

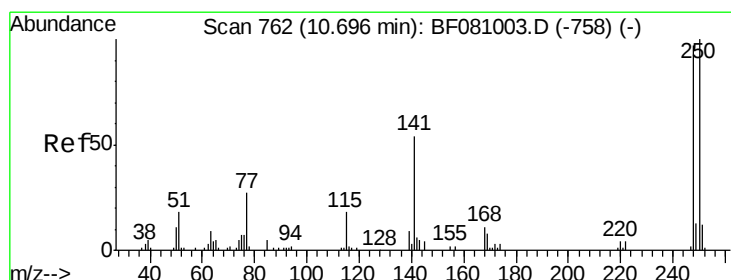
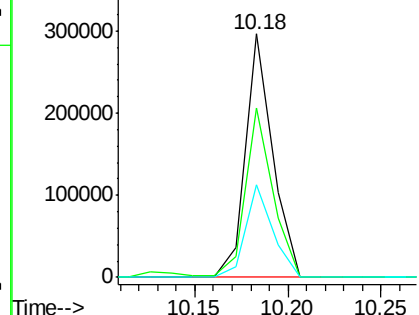
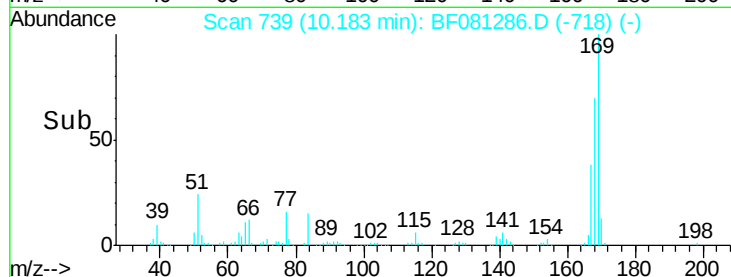


Abundance

Ion 169.00 (168.70 to 169.70): E

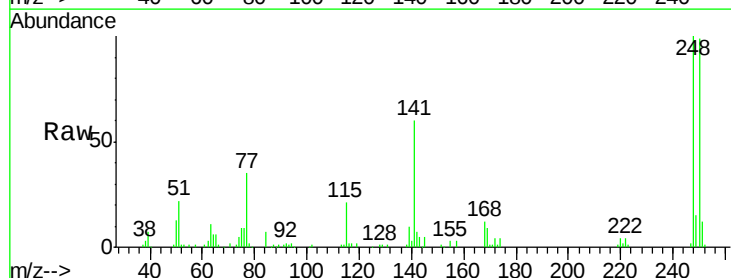
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 41.20 ng
 RT: 10.55 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.8	116.6
141	59.8	39.8	59.6#

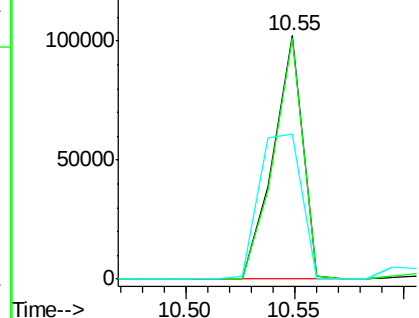
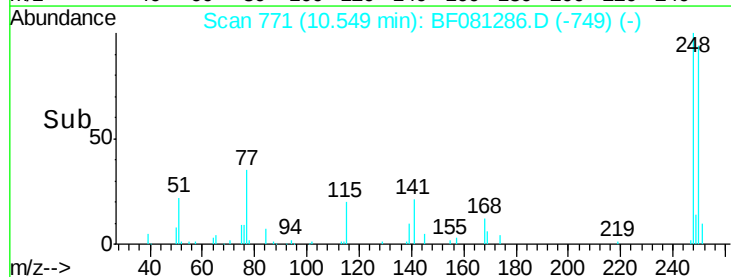


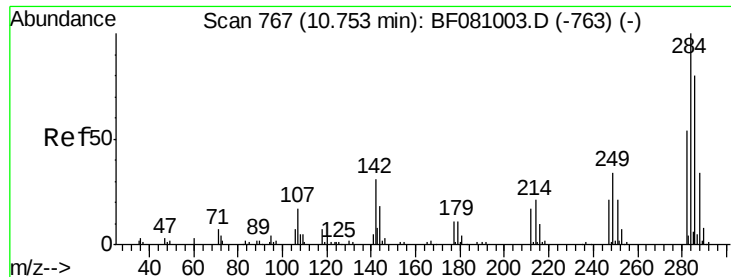
Abundance

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

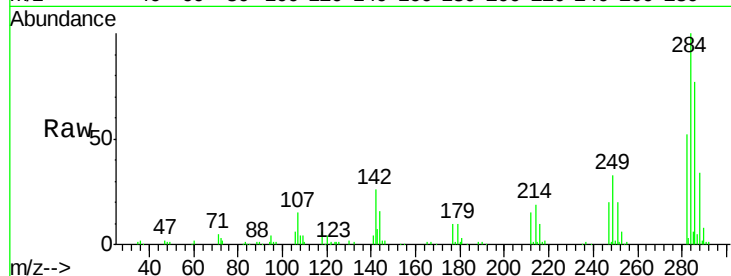




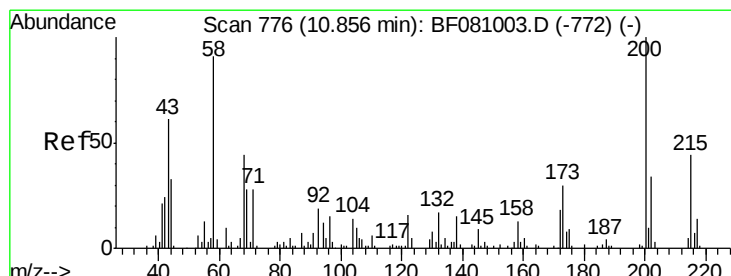
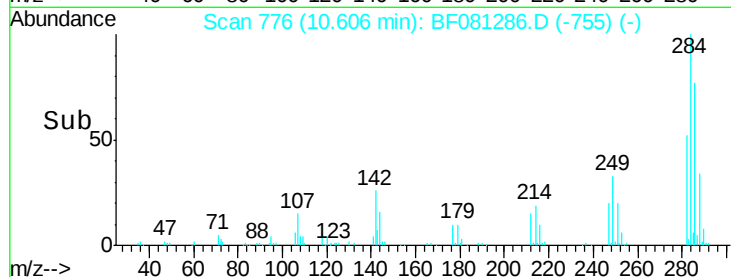
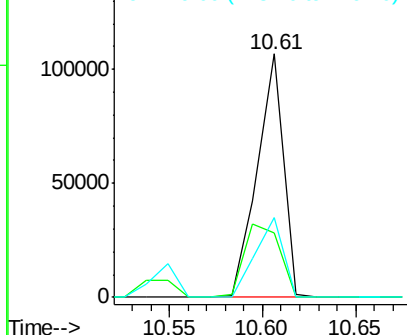
#67
Hexachlorobenzene
Concen: 43.16 ng
RT: 10.61 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 103728
Ion Ratio Lower Upper
284 100
142 26.4 25.4 38.0
249 32.5 28.5 42.7

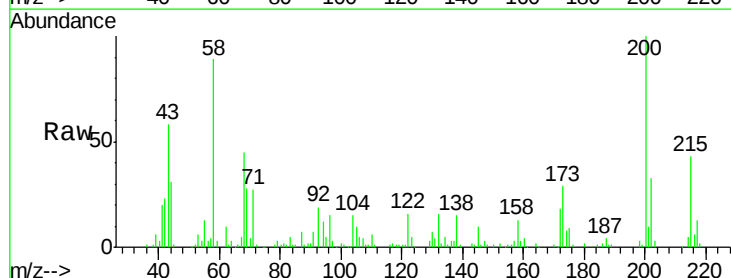


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

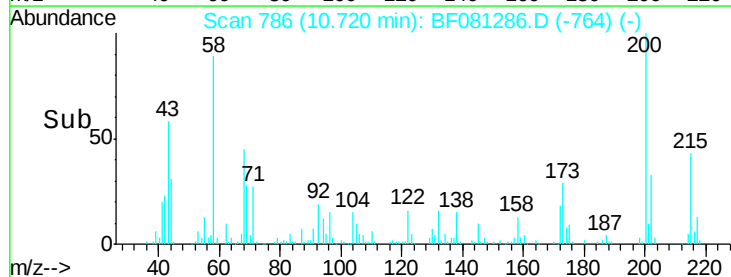
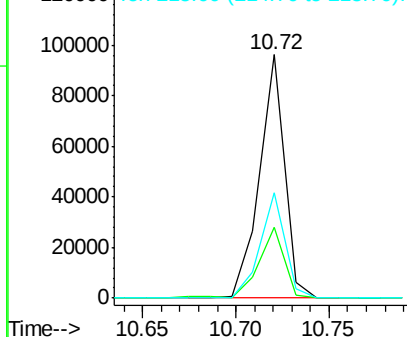


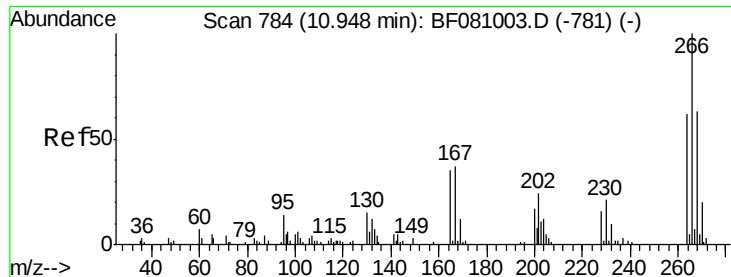
#68
Atrazine
Concen: 37.04 ng
RT: 10.72 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion:200 Resp: 89000
Ion Ratio Lower Upper
200 100
173 29.3 8.1 48.1
215 43.3 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

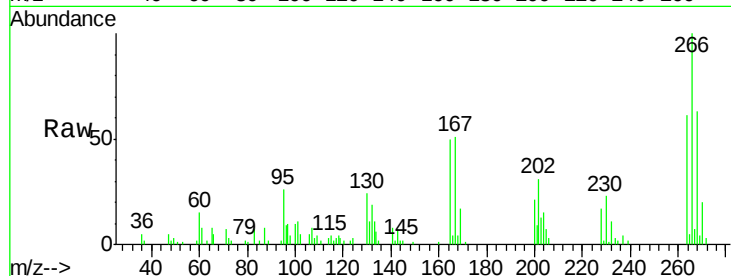




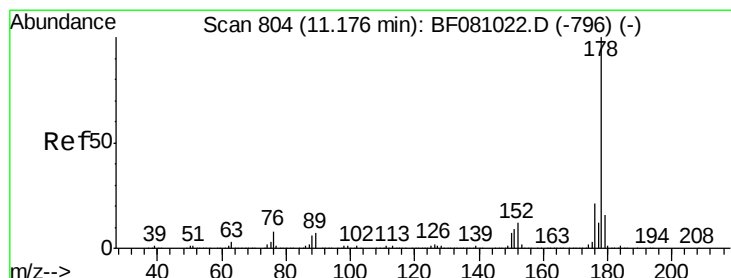
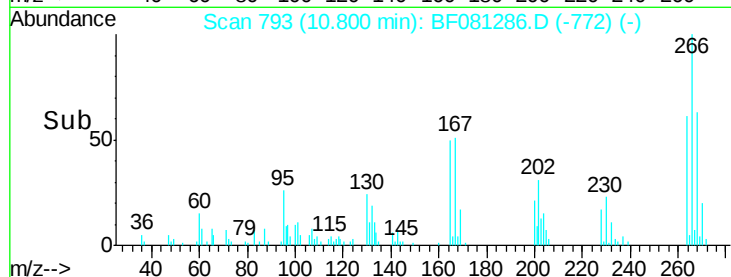
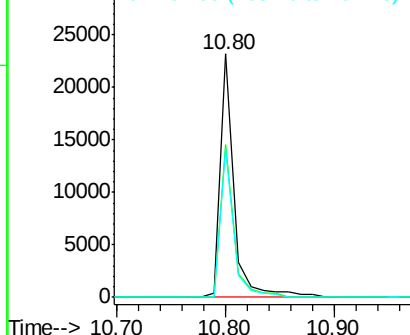
#69
 Pentachlorophenol
 Concen: 14.40 ng
 RT: 10.80 min Scan# 793
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 20770
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.2 76.8
 264 61.1 50.6 75.8

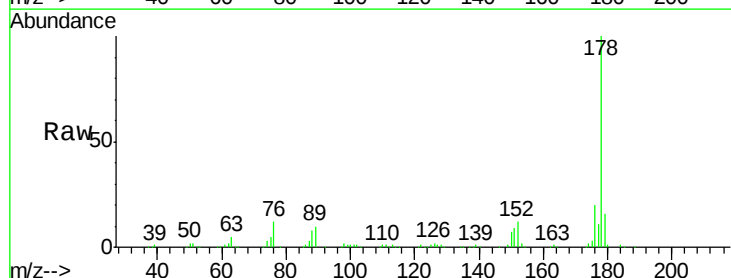


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

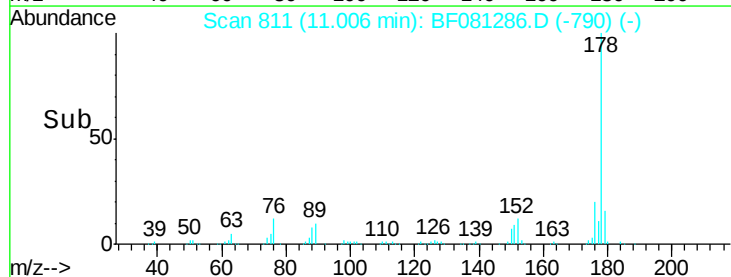
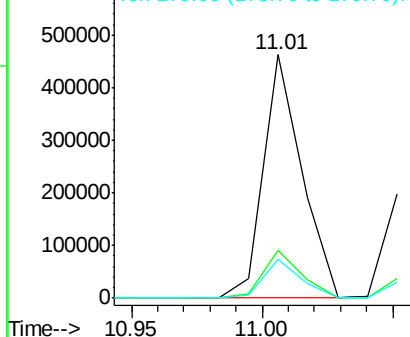


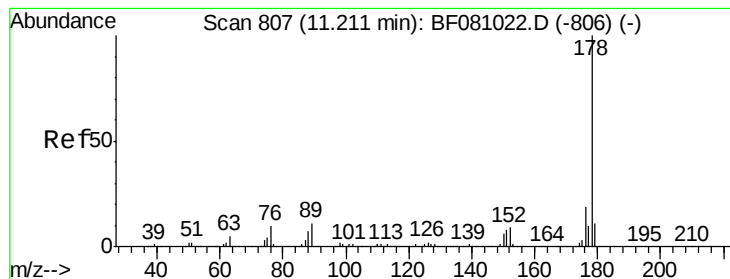
#70
 Phenanthrene
 Concen: 33.11 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:178 Resp: 474016
 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: 40.87 ng

RT: 11.06 min Scan# 816

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

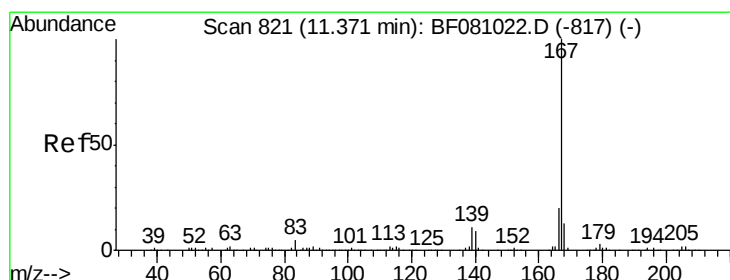
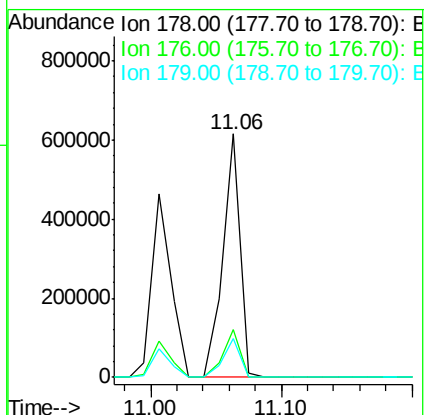
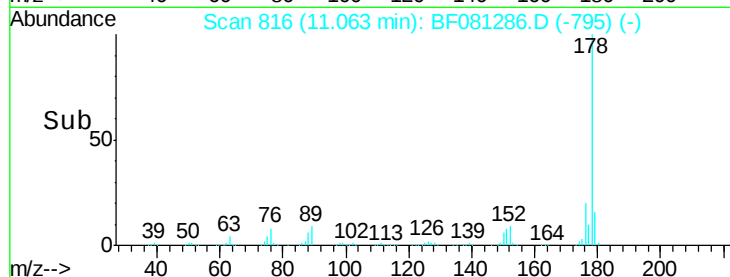
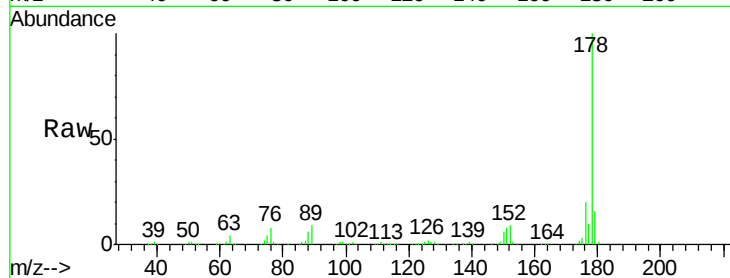
Tot Ion:178 Resp: 569304

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.7 12.7 19.1



#72

Carbazole

Concen: 39.03 ng

RT: 11.22 min Scan# 830

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

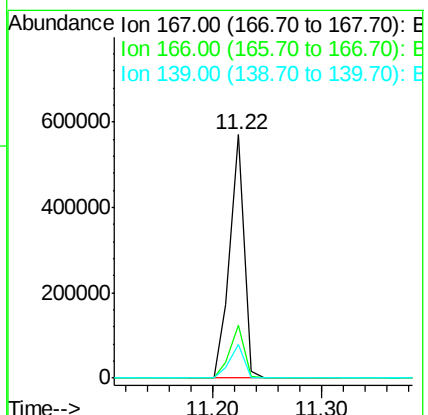
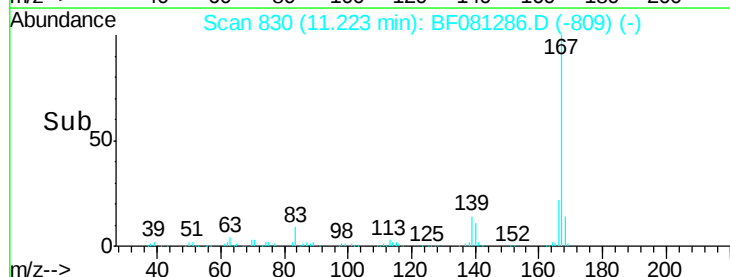
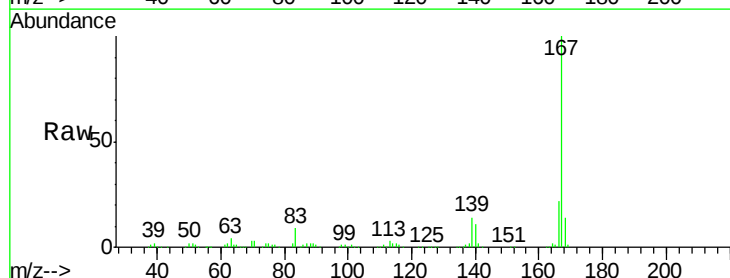
Tgt Ion:167 Resp: 523479

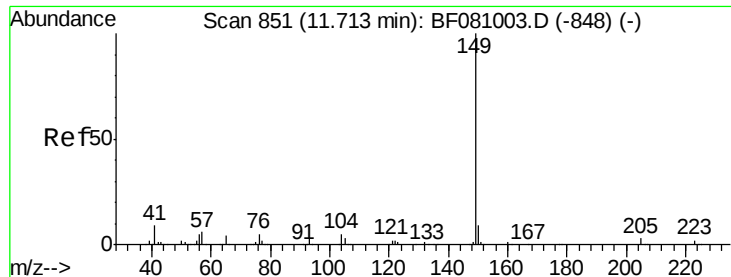
Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

139 13.6 10.6 16.0





#73

Di-n-butylphthalate

Concen: 39.41 ng

RT: 11.57 min Scan# 860

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

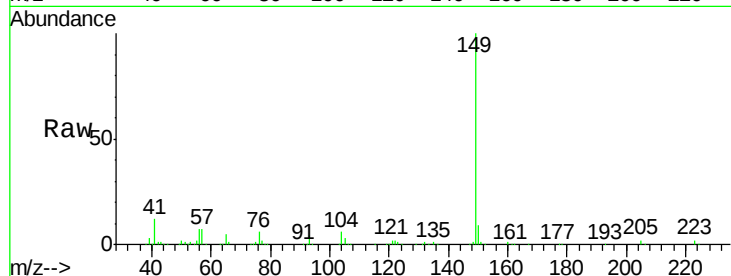
Tot Ion:149 Resp: 639558

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

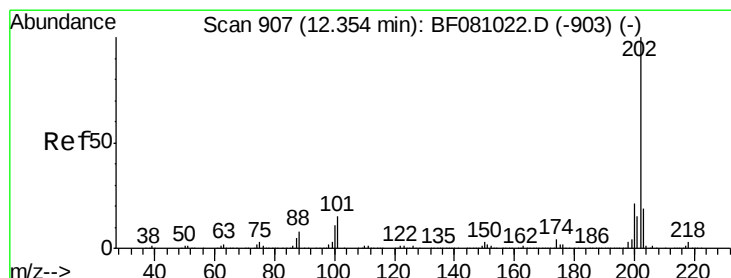
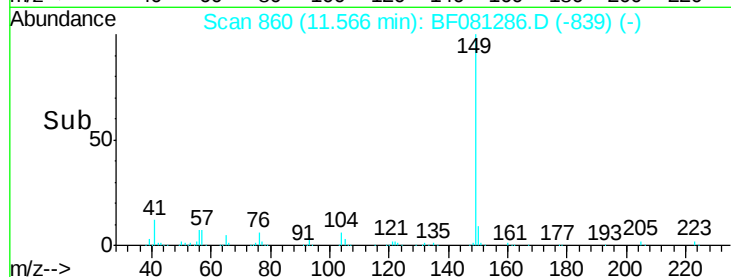
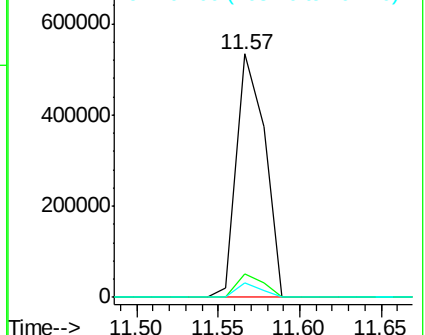
104 5.7 3.9 5.9



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: 34.98 ng

RT: 12.18 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

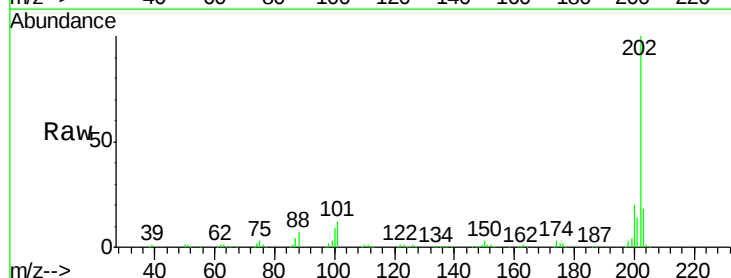
Tgt Ion:202 Resp: 540450

Ion Ratio Lower Upper

202 100

101 12.5 0.0 24.8

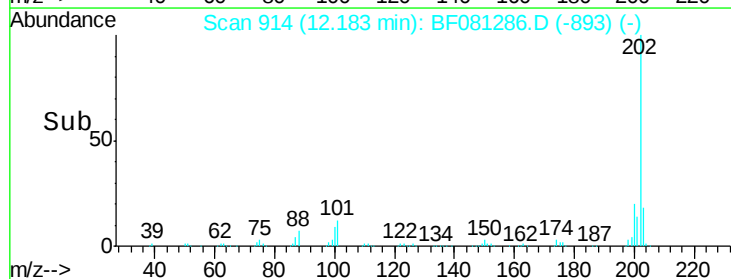
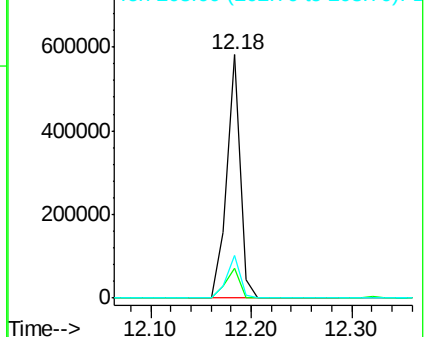
203 17.6 0.0 36.9

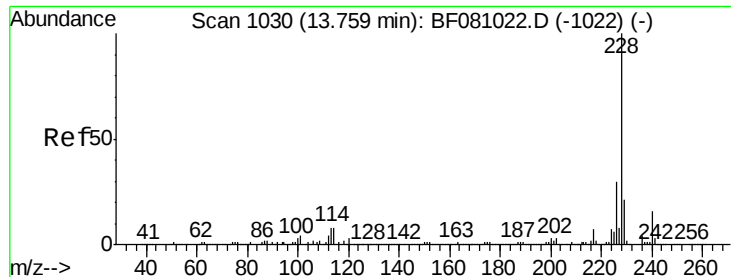


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

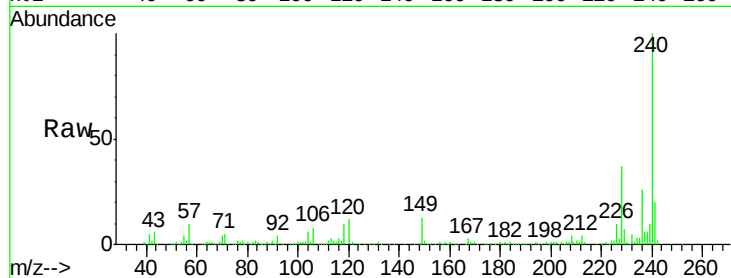
Tot Ion:240 Resp: 192560

Ion Ratio Lower Upper

240 100

120 11.7 5.6 8.4#

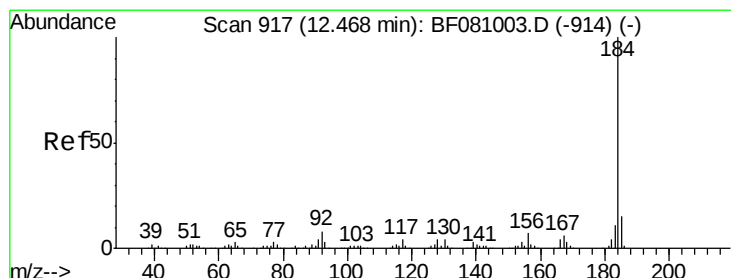
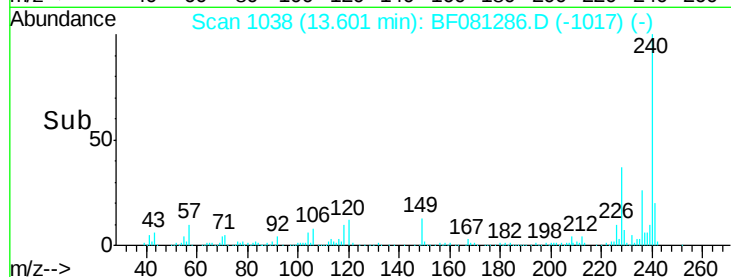
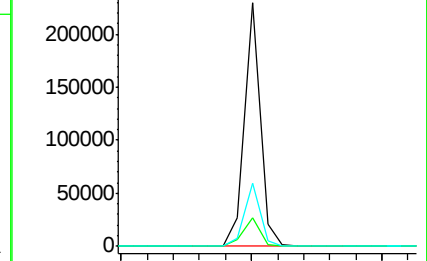
236 26.1 20.6 30.8



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: 42.54 ng

RT: 12.32 min Scan# 926

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

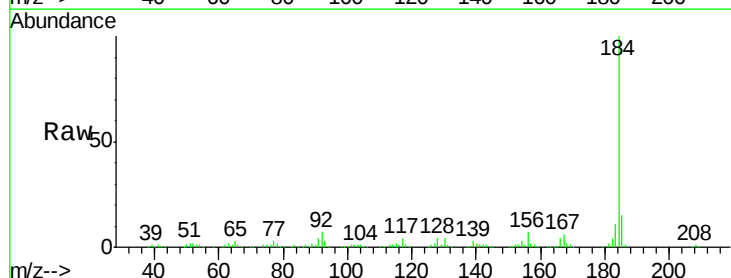
Tgt Ion:184 Resp: 309453

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

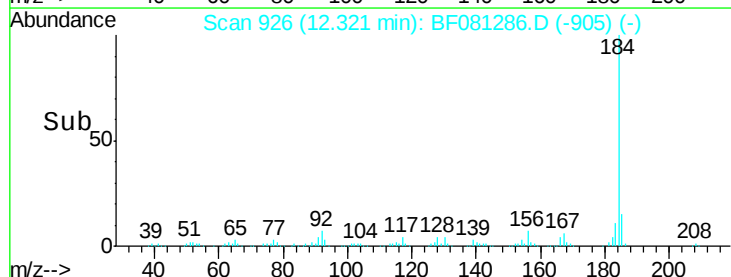
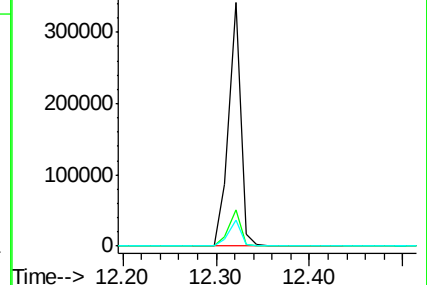
183 10.6 8.9 13.3

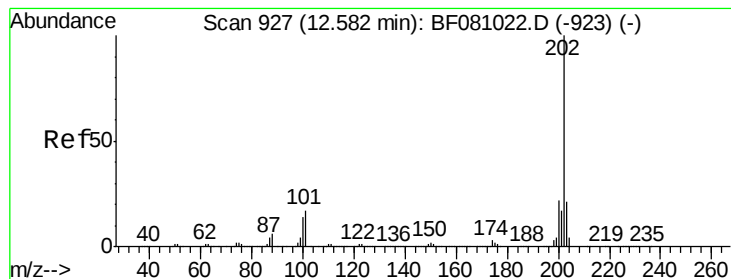


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.24 ng

RT: 12.41 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

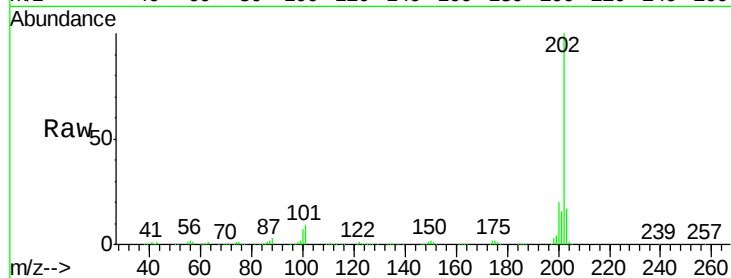
Tot Ion:202 Resp: 614294

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

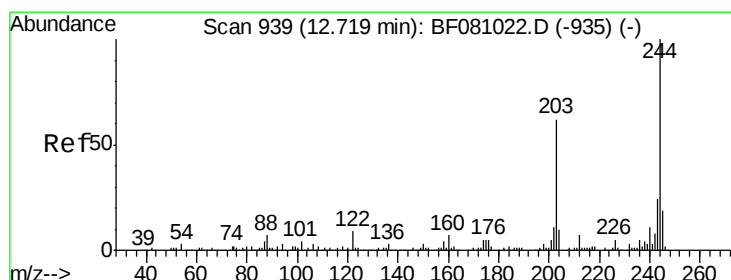
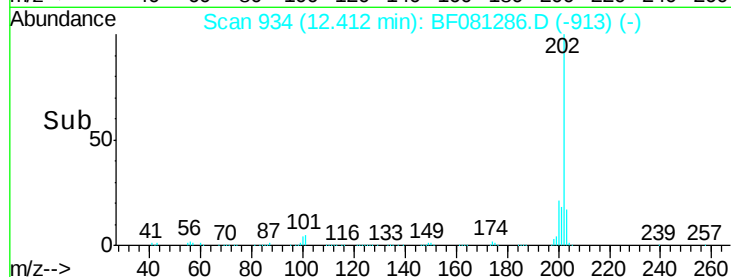
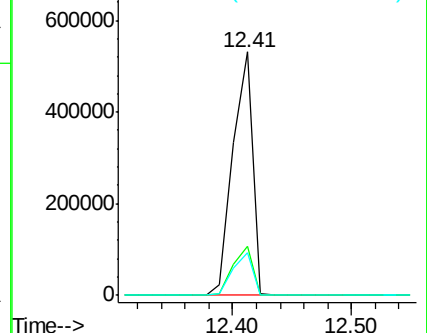
203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.97 ng

RT: 12.57 min Scan# 948

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

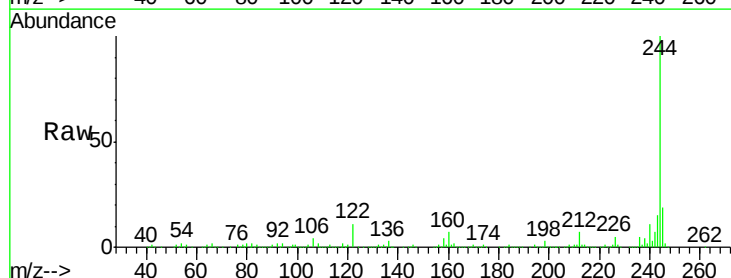
Tgt Ion:244 Resp: 727266

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

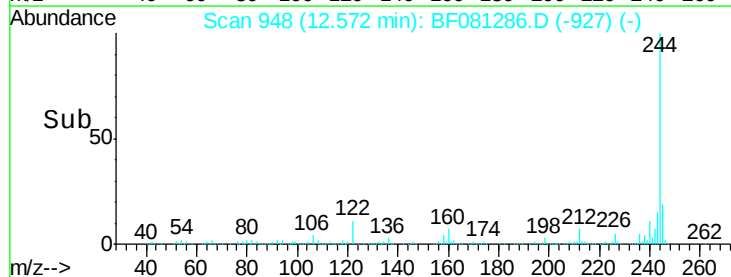
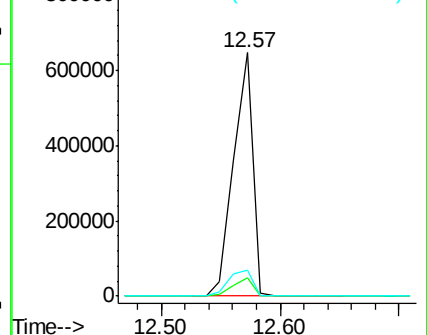
122 10.8 8.2 12.4

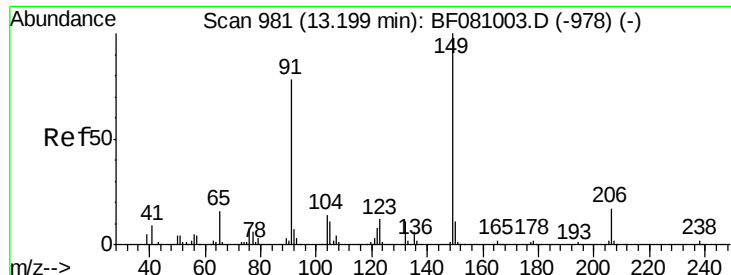


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

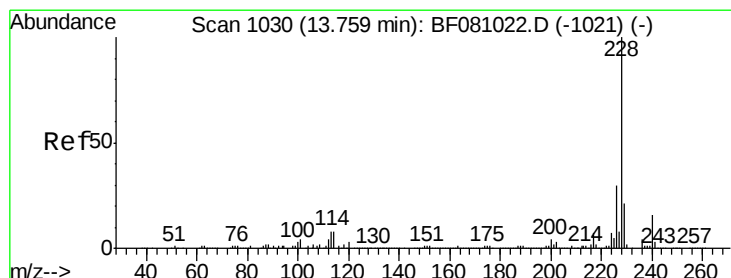
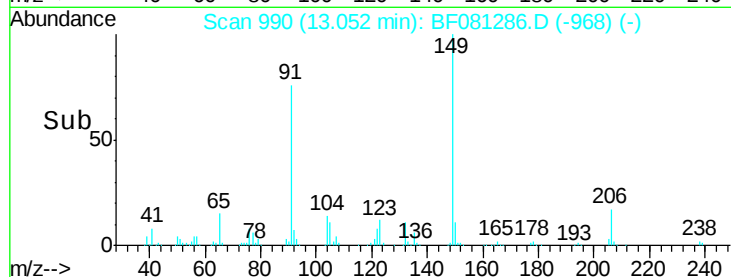
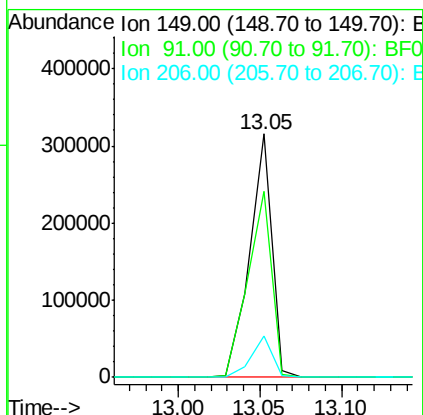
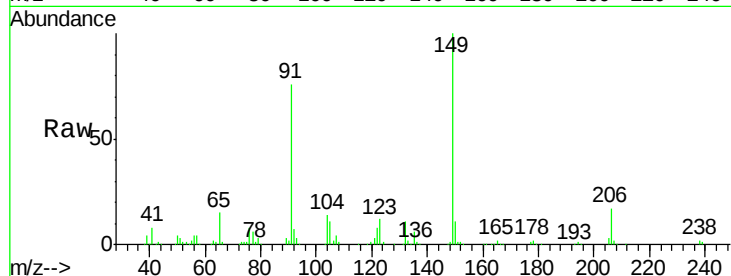




#79
 Butylbenzylphthalate
 Concen: 44.34 ng
 RT: 13.05 min Scan# 990
 Delta R.T. -0.05 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

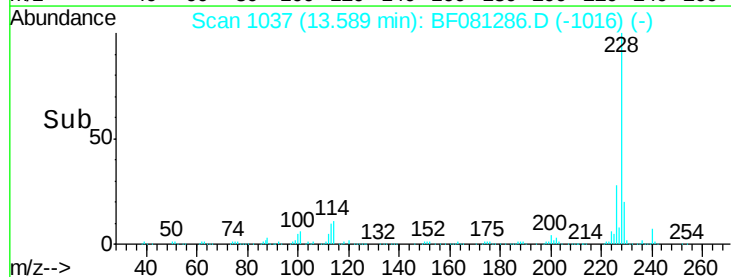
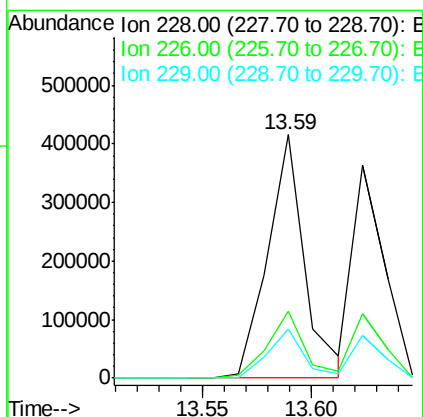
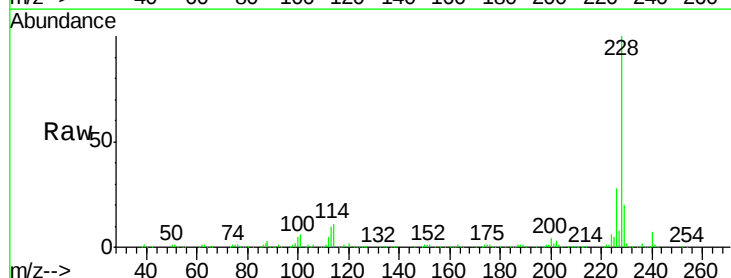
Instrument :
 BNA_F
 ClientSampleId :

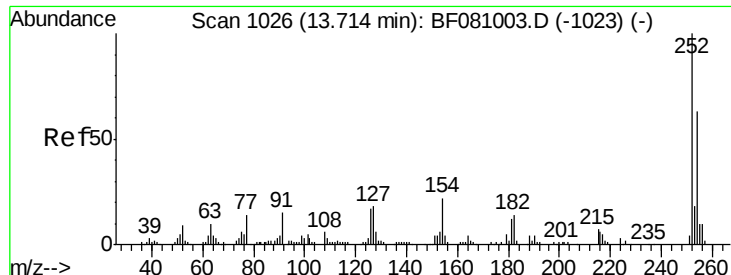
Tot Ion:149 Resp: 298359
 Ion Ratio Lower Upper
 149 100
 91 76.2 46.9 70.3#
 206 17.0 17.0 25.4



#80
 Benzo(a)anthracene
 Concen: 38.38 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion:228 Resp: 495614
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.3 33.5
 229 19.9 15.9 23.9

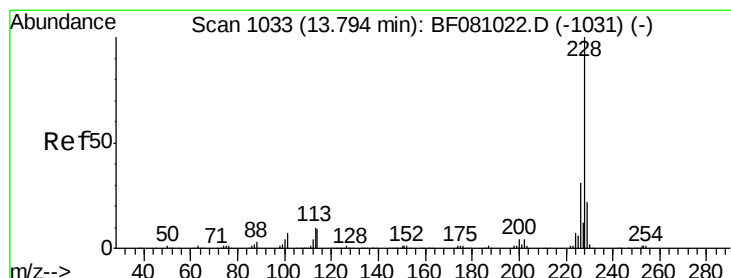
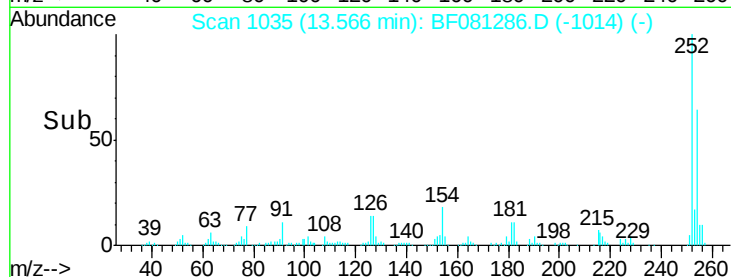
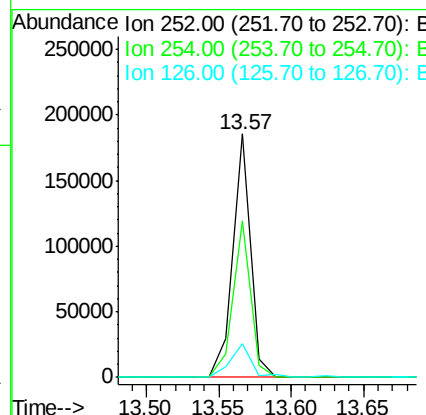
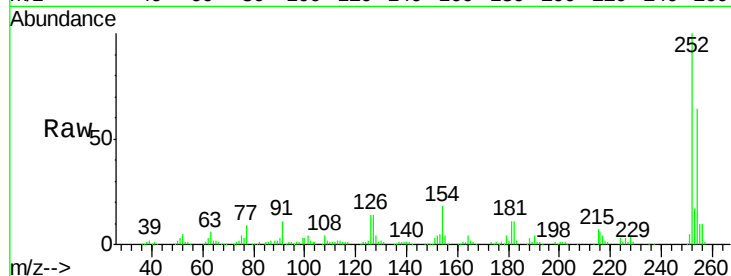




#81
 3,3'-Dichlorobenzidine
 Concen: 37.78 ng
 RT: 13.57 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

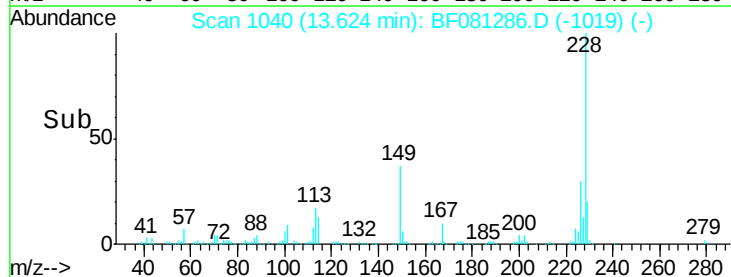
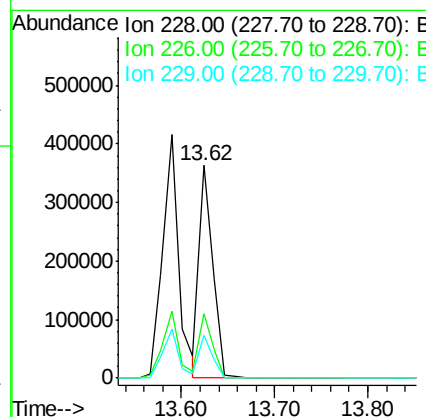
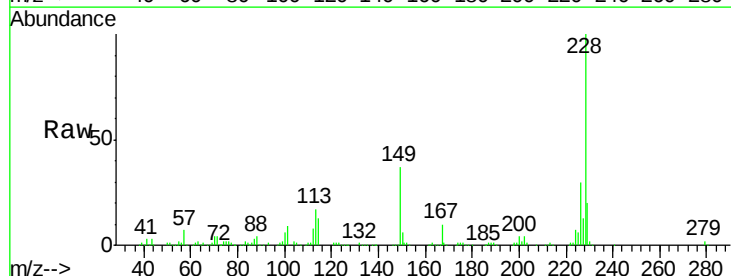
Instrument :
 BNA_F
 ClientSampleId :

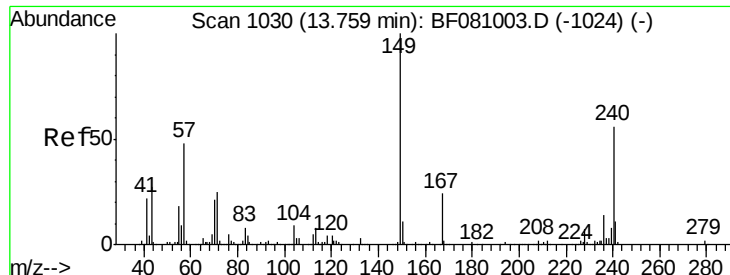
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.0	12.5	18.7



#82
 Chrysene
 Concen: 32.07 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.9	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.03 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

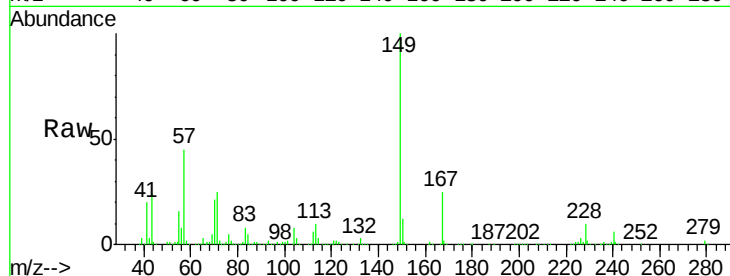
Tot Ion:149 Resp: 370838

Ion Ratio Lower Upper

149 100

167 24.6 20.7 31.1

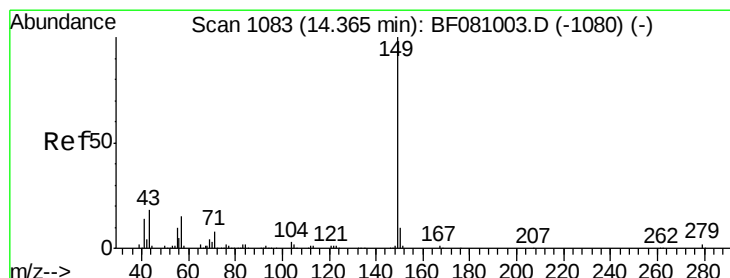
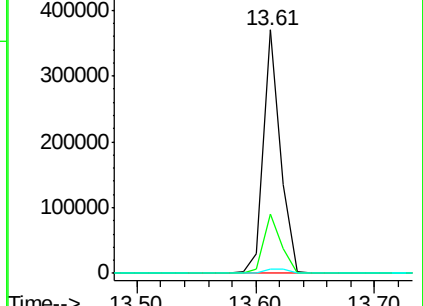
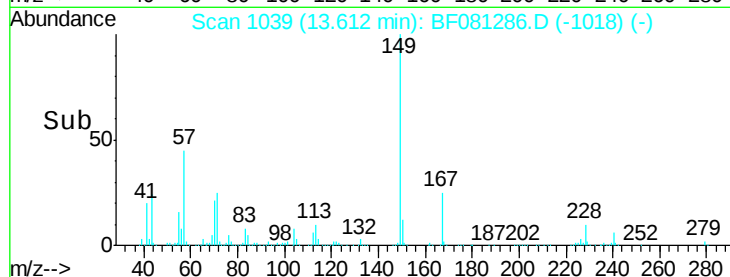
279 1.7 2.2 3.4#



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: 49.70 ng

RT: 14.22 min Scan# 1092

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

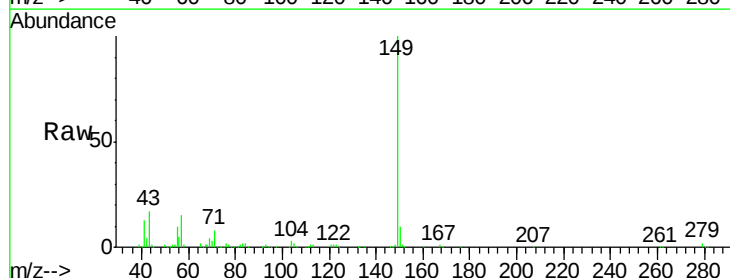
Tgt Ion:149 Resp: 651046

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

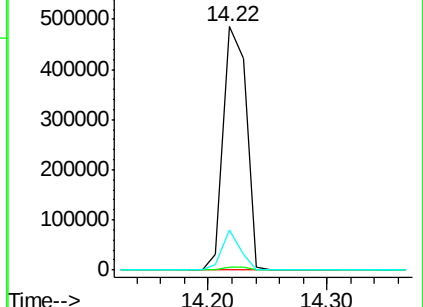
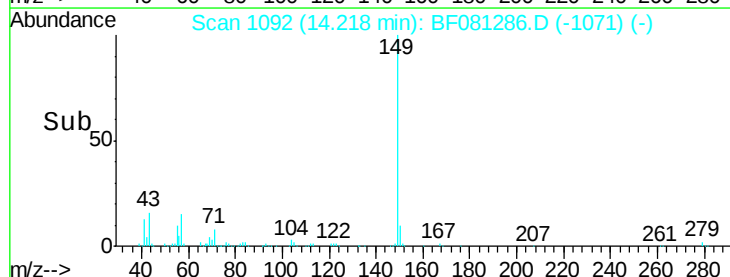
43 13.3 11.6 17.4

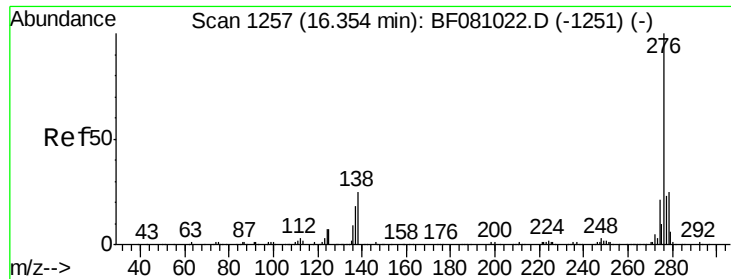


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

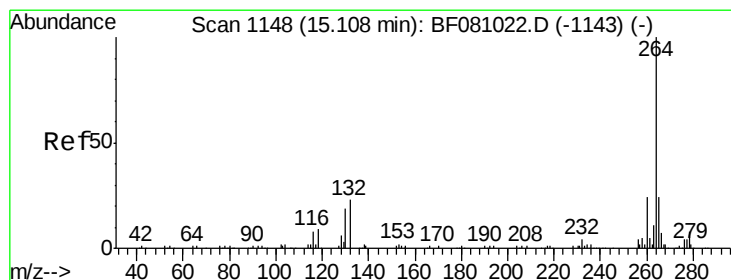
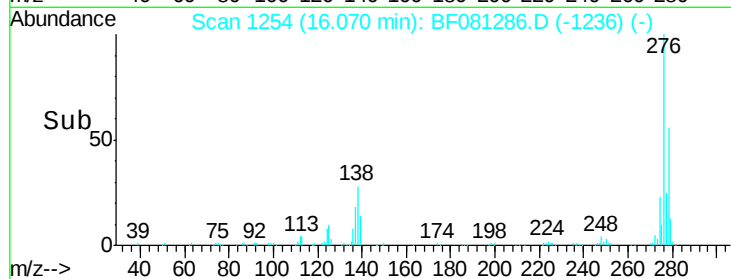
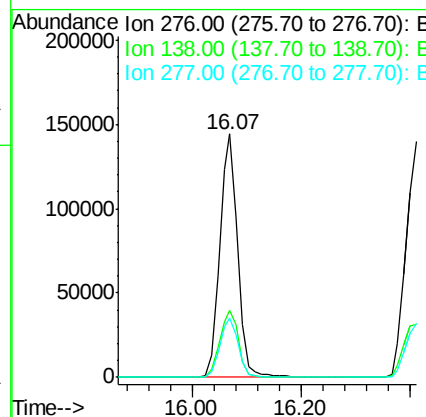
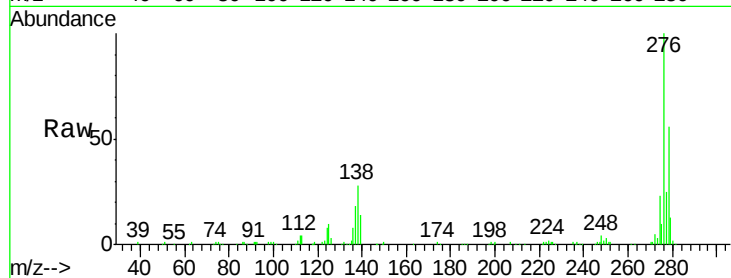




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.83 ng
 RT: 16.07 min Scan# 1254
 Delta R.T. -0.09 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

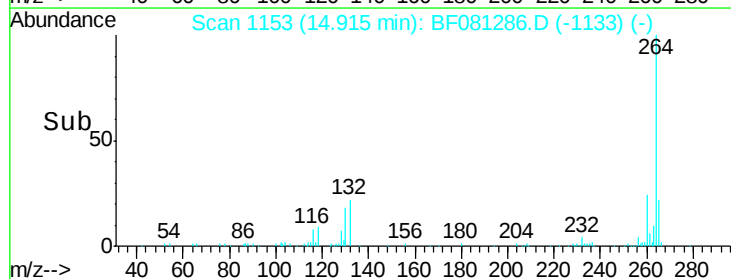
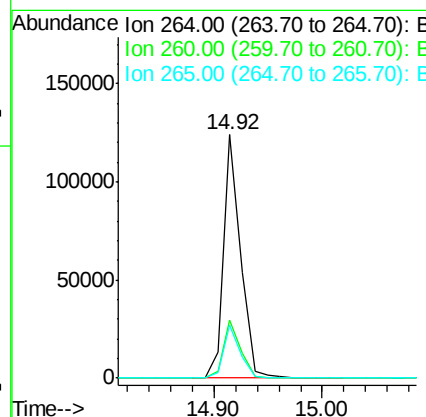
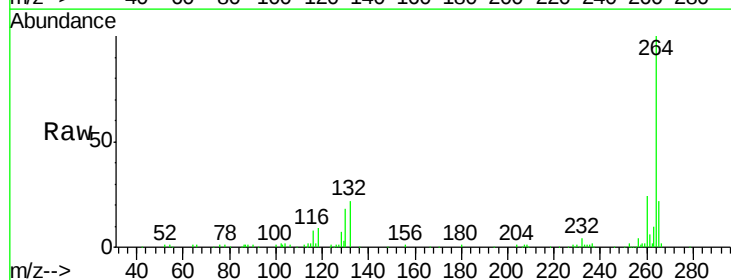
Instrument :
 BNA_F
 ClientSampleId :

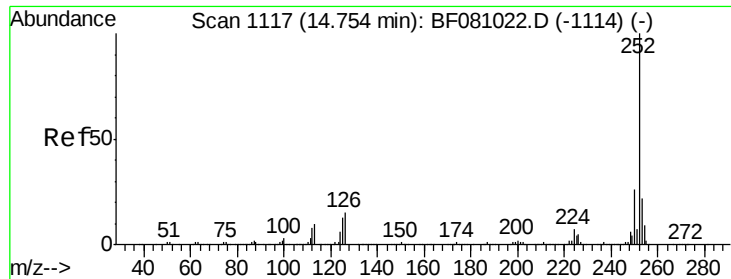
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.6	28.0#
277	24.9	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 78.20 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

Instrument :

BNA_F

ClientSampleId :

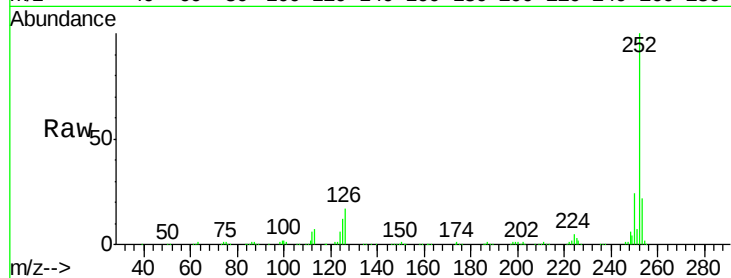
Tot Ion:252 Resp: 747770

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

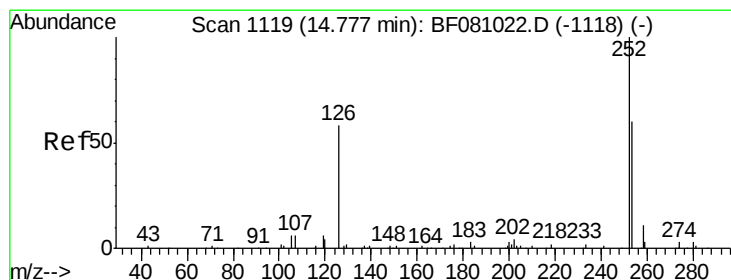
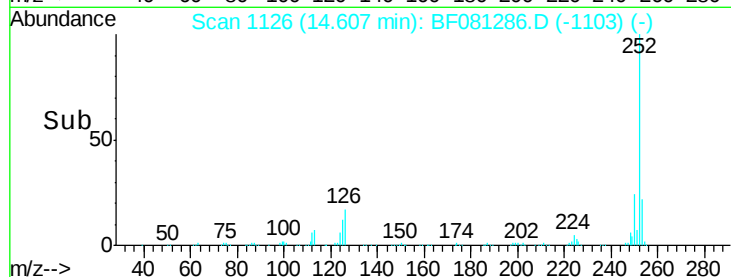
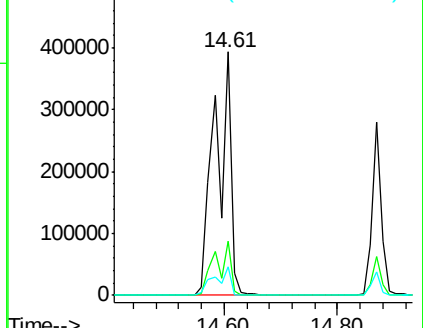
125 11.7 8.0 12.0



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: 83.93 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081286.D

Acq: 29 Aug 2015 22:59

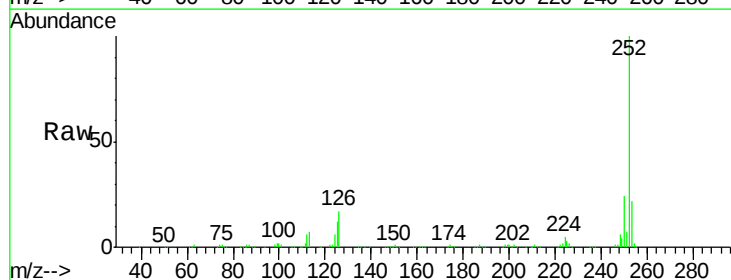
Tgt Ion:252 Resp: 747770

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

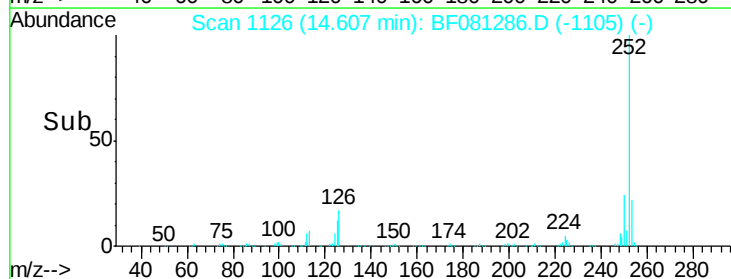
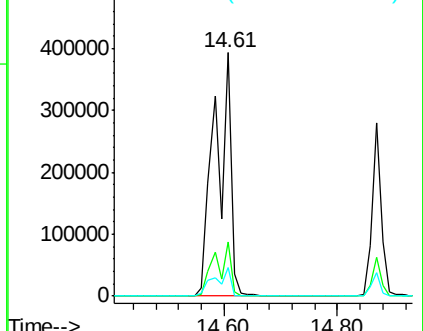
125 11.7 10.3 15.5

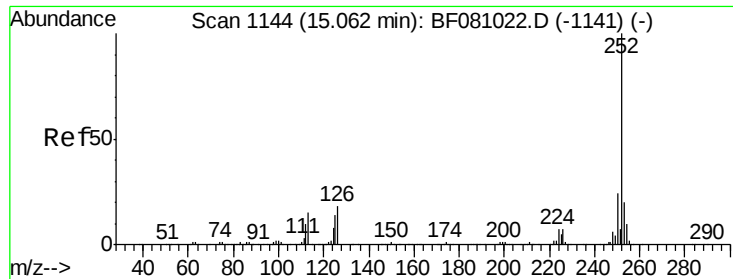


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

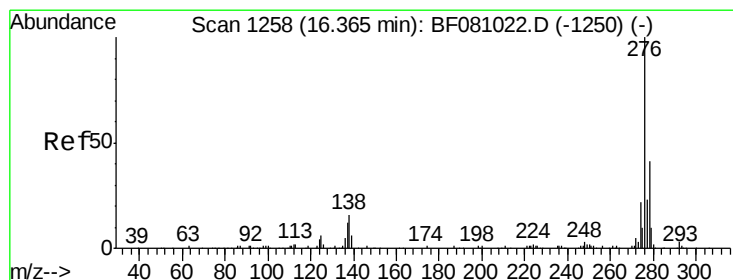
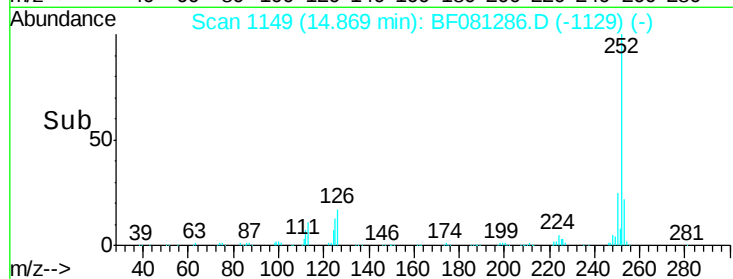
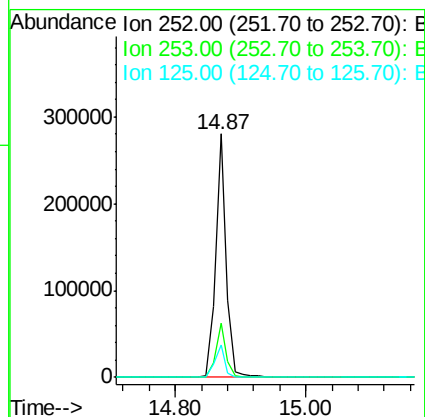
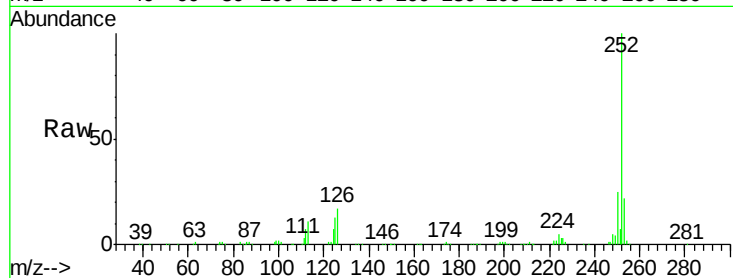




#89
Benzo(a)pyrene
Concen: 38.62 ng
RT: 14.87 min Scan# 1149
Delta R.T. -0.07 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

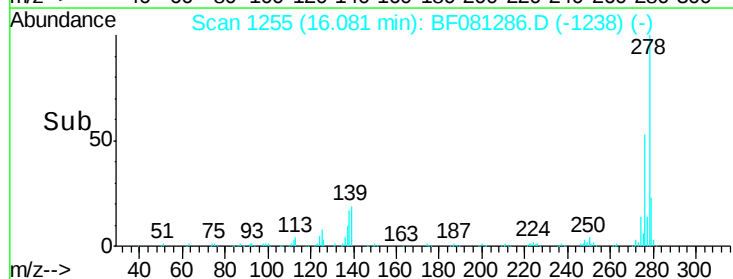
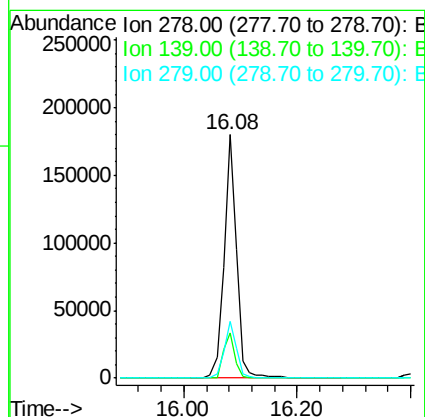
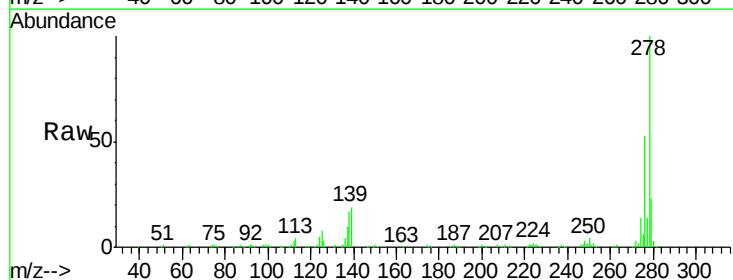
Instrument :
BNA_F
ClientSampleId :

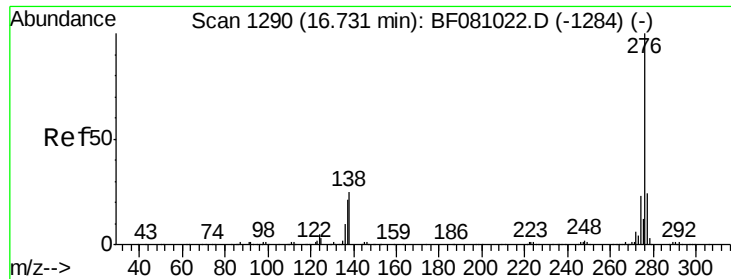
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.6	25.0
125	13.3	7.8	11.8



#90
Dibenzo(a,h)anthracene
Concen: 42.54 ng
RT: 16.08 min Scan# 1255
Delta R.T. -0.10 min
Lab File: BF081286.D
Acq: 29 Aug 2015 22:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	10.8	16.2
279	23.4	19.0	28.6

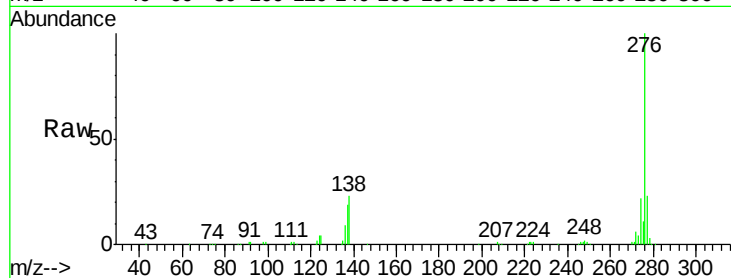




#91
 Benzo(a,h,i)perylene
 Concen: 41.20 ng
 RT: 16.41 min Scan# 1284
 Delta R.T. -0.10 min
 Lab File: BF081286.D
 Acq: 29 Aug 2015 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.2
138	22.6	13.7	20.5



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

