

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082815\
 Data File : BF081248.D
 Acq On : 27 Aug 2015 16:02
 Operator : UM/IZ
 Sample : PB85222BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 22:48:38 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	6.50	152	44390	20.00	ng	-0.04
21) Naphthalene-d8	7.79	136	183930	20.00	ng	-0.04
38) Acenaphthene-d10	9.53	164	86277	20.00	ng	-0.05
63) Phenanthrene-d10	11.01	188	188725	20.00	ng	-0.04
75) Chrysene-d12	13.61	240	133825	20.00	ng	-0.05
86) Perylene-d12	14.94	264	113941	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	357497	121.13	ng	-0.02
7) Phenol-d6	6.16	99	430088	111.69	ng	-0.04
23) Nitrobenzene-d5	7.07	82	282948	70.27	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	83644	111.84	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	479646	72.84	ng	-0.04
78) Terphenyl-d14	12.58	244	463550	74.26	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.93	88	39408	28.34	ng	94
3) Pyridine	2.53	79	120888	30.80	ng	# 77
4) n-Nitrosodimethylamine	2.48	42	73684	33.72	ng	# 79
6) Aniline	6.16	93	129949	23.21	ng	# 54
8) 2-Chlorophenol	6.29	128	121729	37.68	ng	98
9) Benzaldehyde	6.05	77	22804	9.19	ng	87
10) Phenol	6.17	94	171008	37.60	ng	87
11) bis(2-Chloroethyl)ether	6.25	93	122781	35.19	ng	90
12) 1,3-Dichlorobenzene	6.45	146	119288	34.37	ng	95
13) 1,4-Dichlorobenzene	6.53	146	119578	34.79	ng	98
14) 1,2-Dichlorobenzene	6.67	146	120631	37.50	ng	96
15) Benzyl Alcohol	6.66	79	114661	36.80	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	240122	35.02	ng	98
17) 2-Methylphenol	6.79	107	109230	39.41	ng	95
18) Hexachloroethane	7.02	117	48920	35.23	ng	95
19) n-Nitroso-di-n-propylamine	6.94	70	93408	35.02	ng	93
20) 3+4-Methylphenols	6.95	107	138174	39.28	ng	# 42
22) Acetophenone	6.93	105	177787	36.82	ng	# 87
24) Nitrobenzene	7.10	77	151744	36.04	ng	99
25) Isophorone	7.34	82	257367	34.28	ng	99
26) 2-Nitrophenol	7.42	139	65772	37.57	ng	# 69
27) 2,4-Dimethylphenol	7.47	122	117212	37.84	ng	87
28) bis(2-Chloroethoxy)methane	7.57	93	170744	38.49	ng	99
29) 2,4-Dichlorophenol	7.66	162	95593	36.66	ng	89
30) 1,2,4-Trichlorobenzene	7.74	180	98789	34.09	ng	96
31) Naphthalene	7.82	128	368724	35.96	ng	99
32) Benzoic acid	7.61	122	75748	43.48	ng	95
33) 4-Chloroaniline	7.87	127	90928	21.02	ng	# 89
34) Hexachlorobutadiene	7.94	225	58643	35.78	ng	97
35) Caprolactam	8.25	113	23084	25.33	ng	# 78
36) 4-Chloro-3-methylphenol	8.37	107	119750	38.53	ng	96
37) 2-Methylnaphthalene	8.50	142	226769	35.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	101195	36.35	ng	98
40) Hexachlorocyclopentadiene	8.66	237	101241	70.27	ng	99

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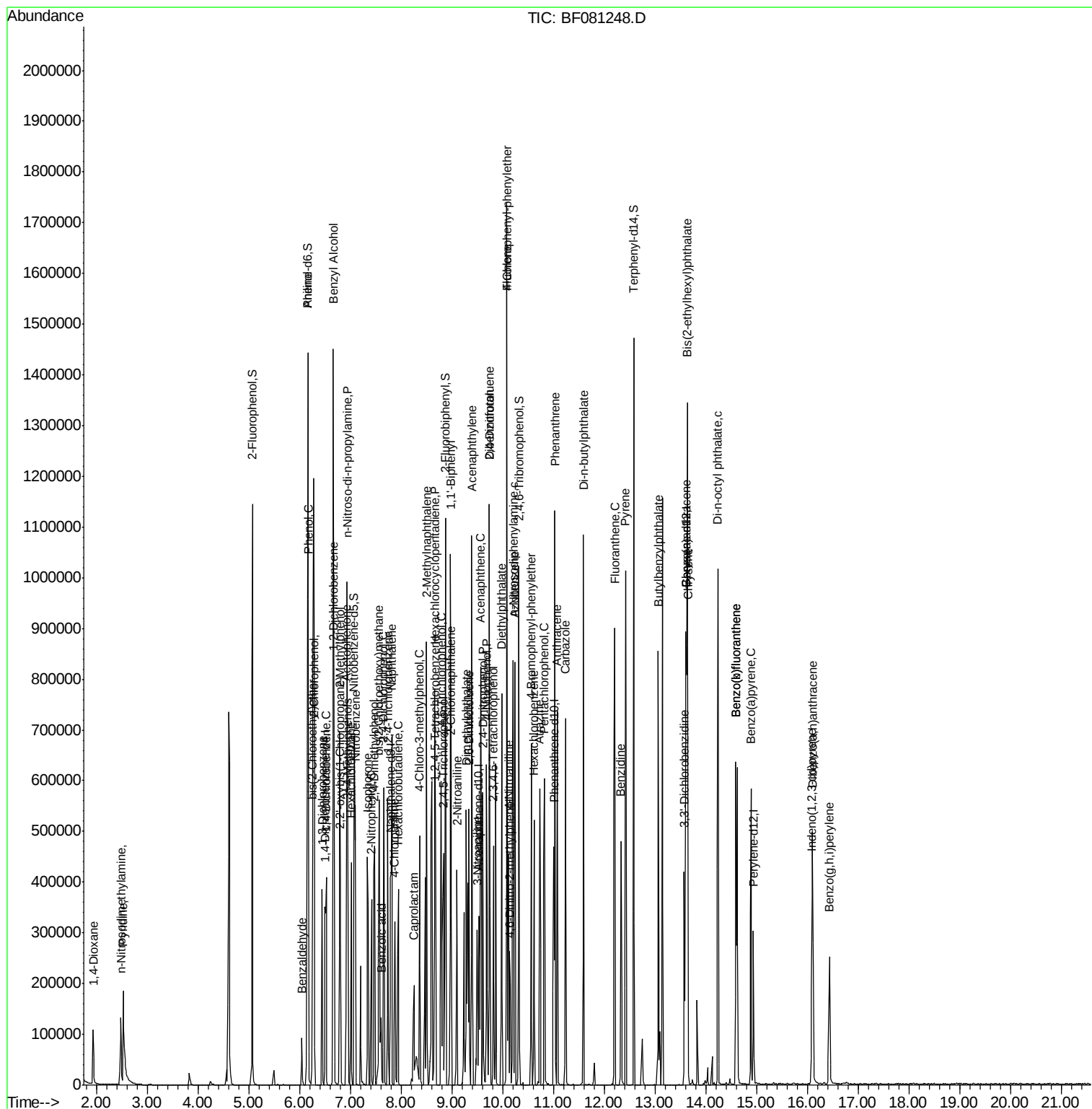
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	72996	37.12	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	76668	39.01	nq	98
45) 1,1'-Biphenyl	8.97	154	303843	39.98	nq	97
46) 2-Chloronaphthalene	8.98	162	206887	33.89	nq	# 90
47) 2-Nitroaniline	9.10	65	98391	39.38	nq	# 63
48) Acenaphthylene	9.39	152	343014	31.41	nq	99
49) Dimethylphthalate	9.28	163	264998	37.30	nq	99
50) 2,6-Dinitrotoluene	9.34	165	54345	35.62	nq	# 66
51) Acenaphthene	9.57	154	200172	30.62	nq	100
52) 3-Nitroaniline	9.50	138	45530	23.85	nq	95
53) 2,4-Dinitrophenol	9.61	184	55394	67.54	nq	81
54) Dibenzofuran	9.74	168	311170	35.52	nq	92
55) 4-Nitrophenol	9.68	139	86701	64.66	nq	88
56) 2,4-Dinitrotoluene	9.74	165	70254	34.74	nq	# 54
57) Fluorene	10.08	166	254860	37.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	62086	40.81	nq	96
59) Diethylphthalate	9.98	149	293566	39.03	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	115393	40.46	nq	96
61) 4-Nitroaniline	10.11	138	68986	35.36	nq	94
62) Azobenzene	10.24	77	370354	42.73	nq	95
64) 4,6-Dinitro-2-methylphenol	10.15	198	42602	37.80	nq	# 44
65) n-Nitrosodiphenylamine	10.21	169	253891	37.69	nq	100
66) 4-Bromophenyl-phenylether	10.56	248	65078	35.10	nq	# 65
67) Hexachlorobenzene	10.62	284	65771	35.03	nq	# 74
68) Atrazine	10.73	200	77041	41.05	nq	96
69) Pentachlorophenol	10.82	266	83940	74.51	nq	100
70) Phenanthrene	11.03	178	386062	34.52	nq	100
71) Anthracene	11.07	178	394733	36.27	nq	99
72) Carbazole	11.23	167	371761	35.48	nq	98
73) Di-n-butylphthalate	11.59	149	518216	40.87	nq	99
74) Fluoranthene	12.21	202	463392	38.39	nq	97
76) Benzidine	12.33	184	184534	36.50	nq	99
77) Pyrene	12.42	202	419248	38.54	nq	99
79) Butylbenzylphthalate	13.06	149	201858	43.17	nq	# 66
80) Benzo(a)anthracene	13.61	228	363876	40.54	nq	98
81) 3,3'-Dichlorobenzidine	13.58	252	75035	25.81	nq	99
82) Chrysene	13.65	228	354615	43.84	nq	100
83) Bis(2-ethylhexyl)phthalate	13.64	149	298008	49.75	nq	99
84) Di-n-octyl phthalate	14.24	149	499545	54.87	nq	98
85) Indeno(1,2,3-cd)pyrene	16.09	276	238952	42.08	nq	# 94
87) Benzo(b)fluoranthene	14.60	252	548833	68.10	nq	# 96
88) Benzo(k)fluoranthene	14.60	252	548833	73.08	nq	99
89) Benzo(a)pyrene	14.89	252	270806	38.56	nq	98
90) Dibenzo(a,h)anthracene	16.10	278	201943	36.91	nq	# 93
91) Benzo(g,h,i)perylene	16.44	276	198759	35.80	nq	# 90

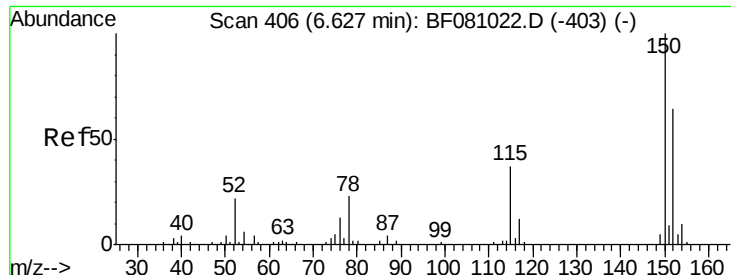
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 417

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampled :

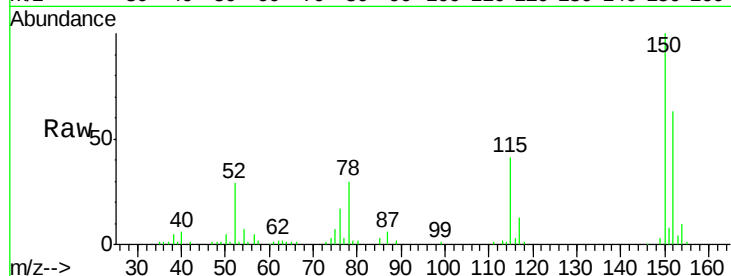
Tot Ion:152 Resp: 44390

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

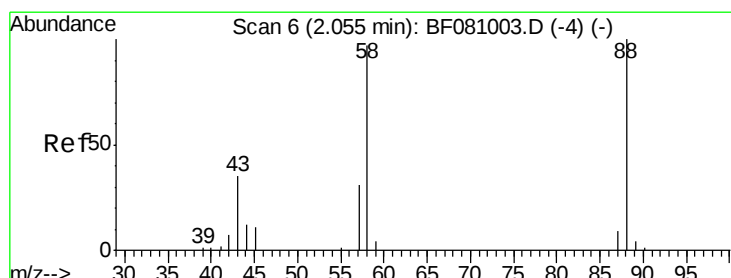
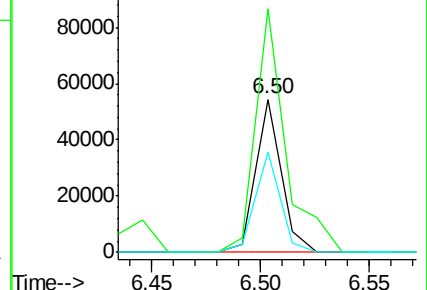
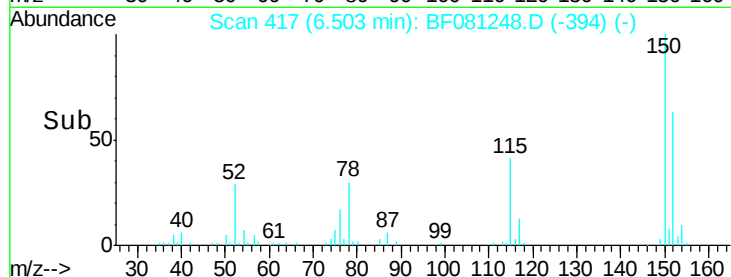
115 66.0 52.1 78.1



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: 28.34 ng

RT: 1.93 min Scan# 17

Delta R.T. -0.00 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

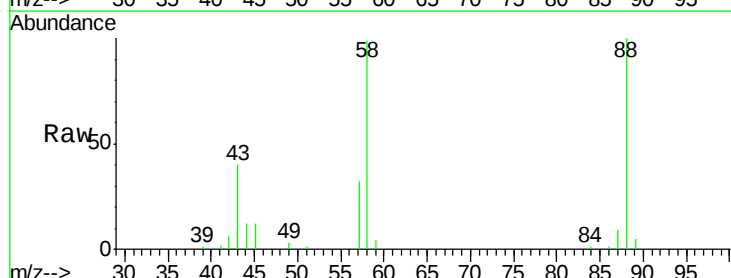
Tgt Ion: 88 Resp: 39408

Ion Ratio Lower Upper

88 100

58 100.4 83.7 125.5

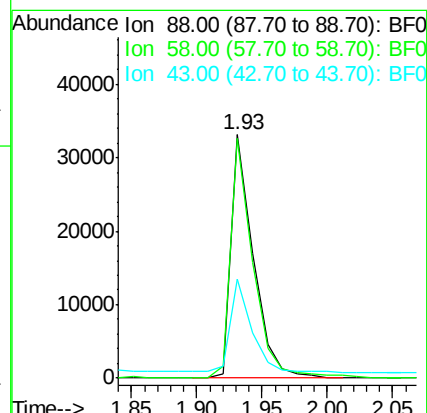
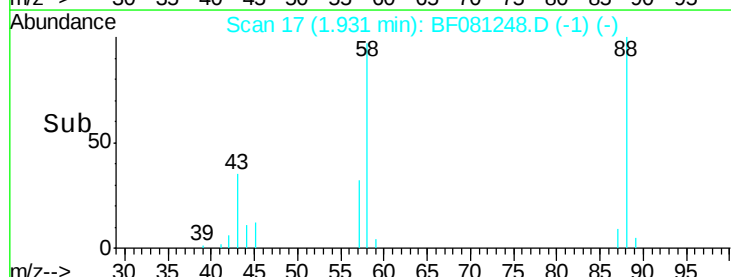
43 40.1 37.5 56.3

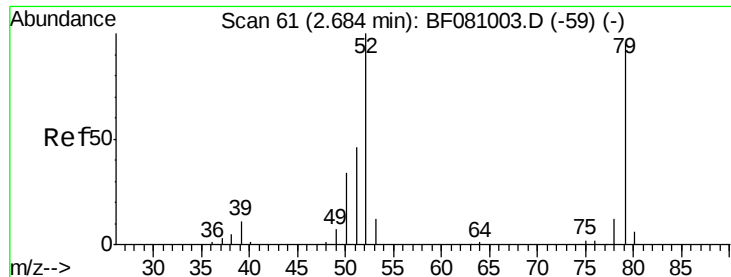


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.80 ng

RT: 2.53 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

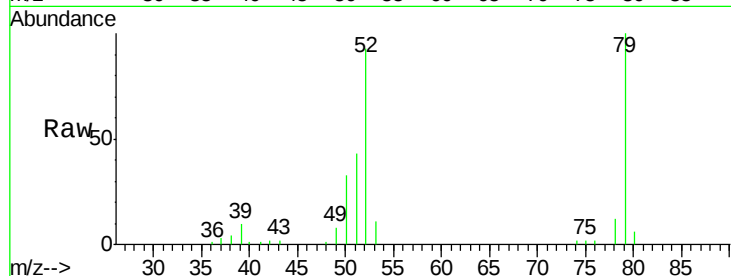
Tot Ion: 79 Resp: 120888

Ion Ratio Lower Upper

79 100

52 92.9 95.1 142.7#

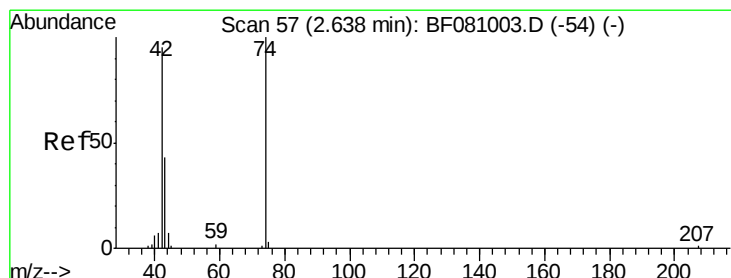
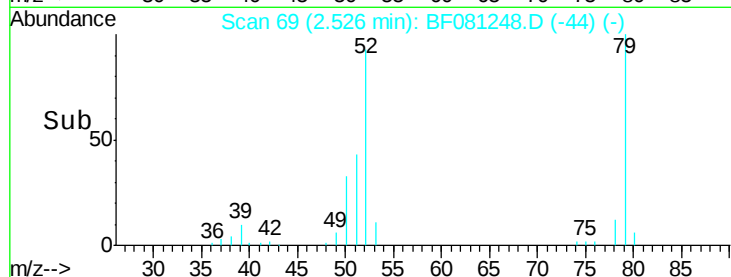
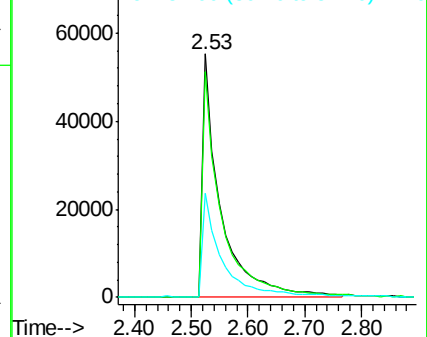
51 43.0 46.6 70.0#



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: 33.72 ng

RT: 2.48 min Scan# 65

Delta R.T. -0.02 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

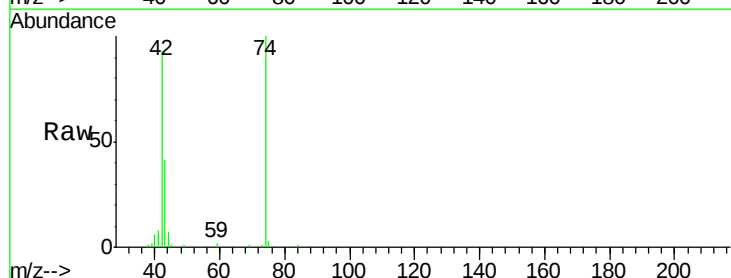
Tgt Ion: 42 Resp: 73684

Ion Ratio Lower Upper

42 100

74 107.6 69.3 103.9#

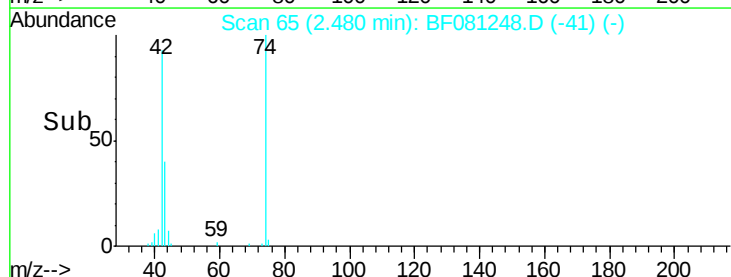
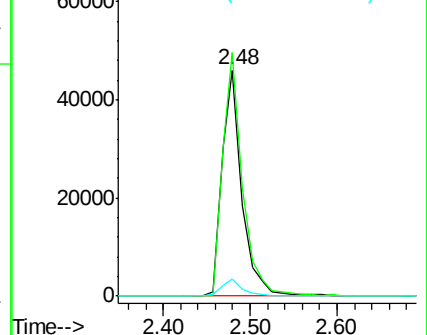
44 7.5 5.5 8.3

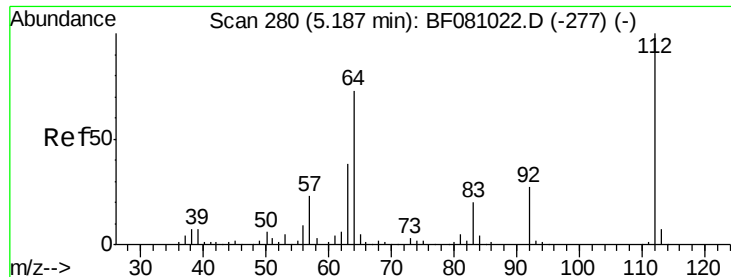


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.13 ng

RT: 5.07 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampled :

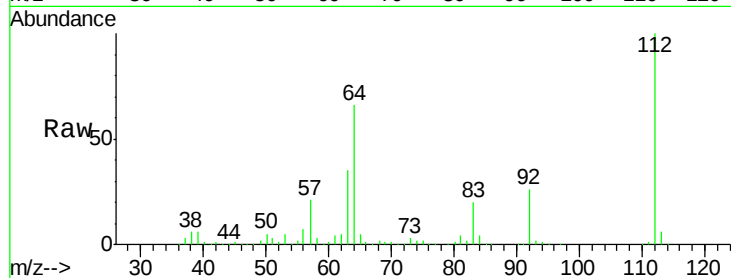
Tot Ion:112 Resp: 357497

Ion Ratio Lower Upper

112 100

64 66.1 66.9 100.3#

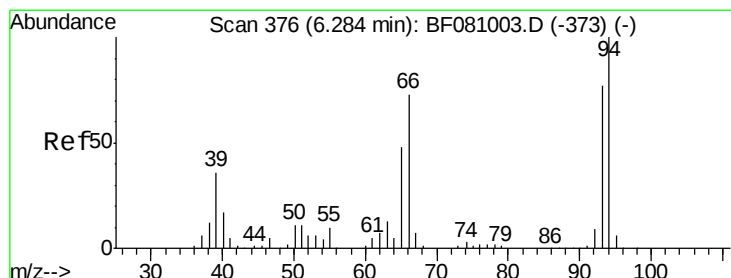
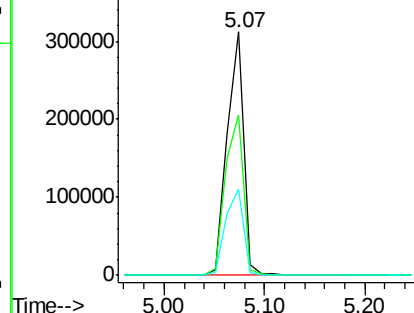
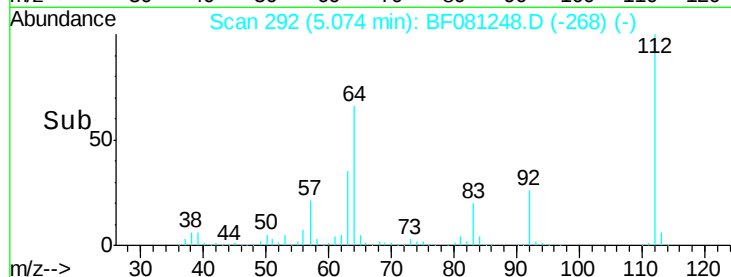
63 35.3 38.1 57.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.21 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

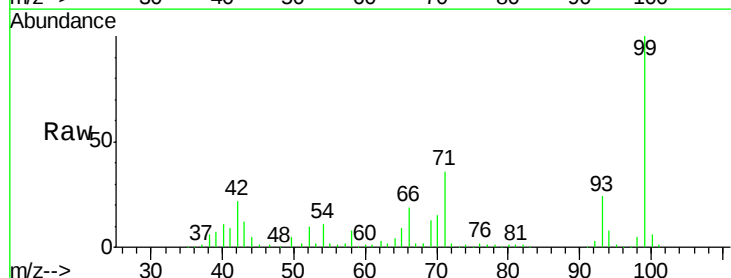
Tgt Ion: 93 Resp: 129949

Ion Ratio Lower Upper

93 100

66 80.5 35.6 53.4#

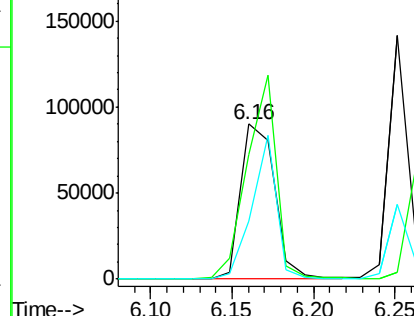
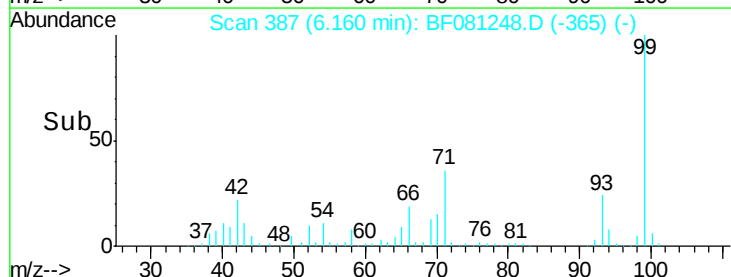
65 37.2 18.7 28.1#

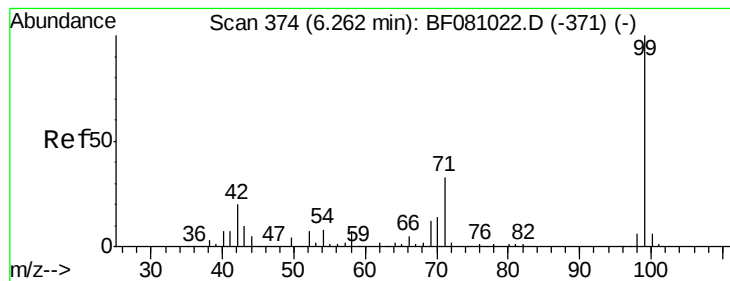


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.69 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

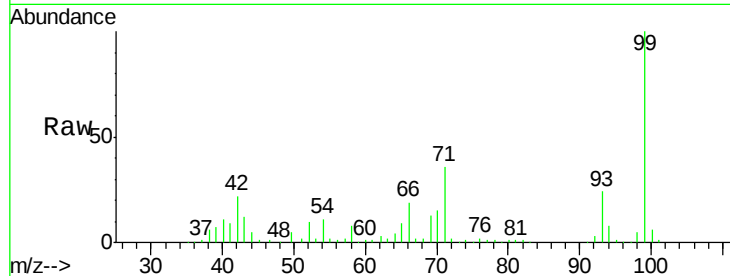
Tot Ion: 99 Resp: 430088

Ion Ratio Lower Upper

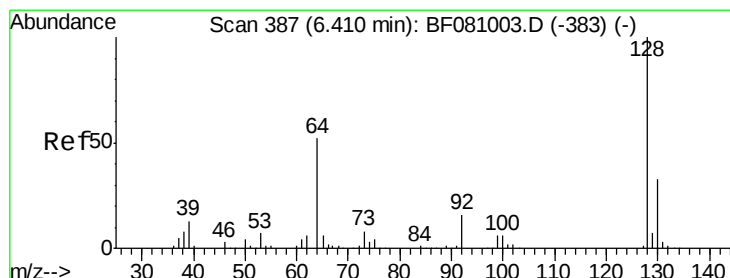
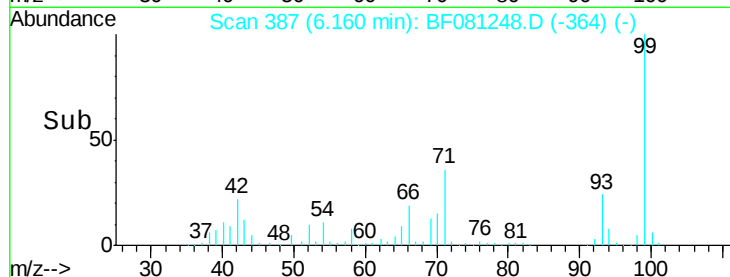
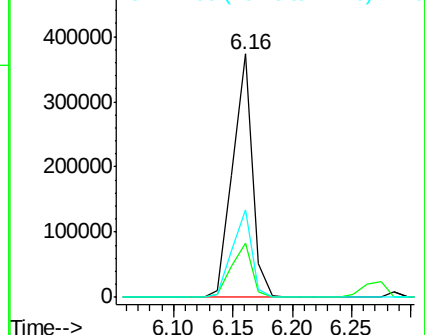
99 100

42 22.4 19.6 29.4

71 36.1 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: 37.68 ng

RT: 6.29 min Scan# 398

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

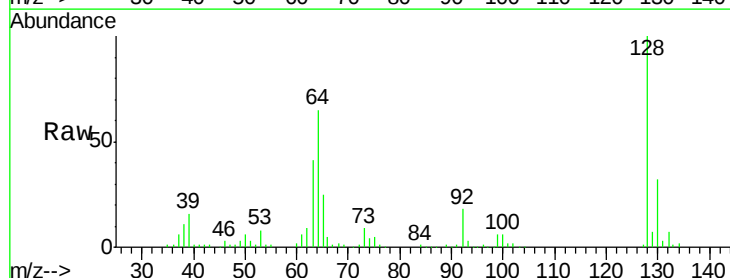
Tgt Ion: 128 Resp: 121729

Ion Ratio Lower Upper

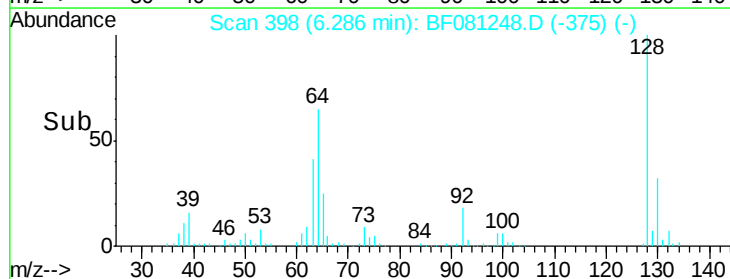
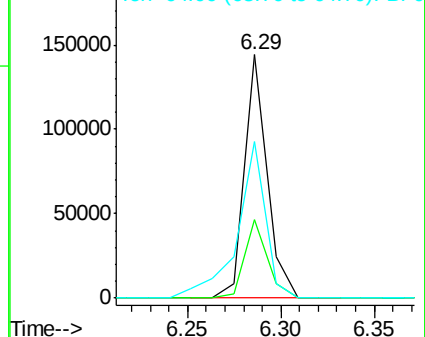
128 100

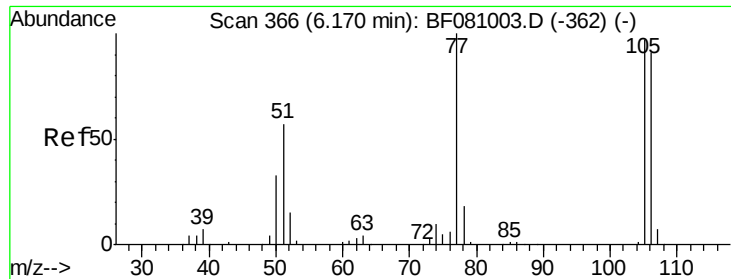
130 32.3 12.5 52.5

64 64.6 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: 9.19 ng

RT: 6.05 min Scan# 377

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampled :

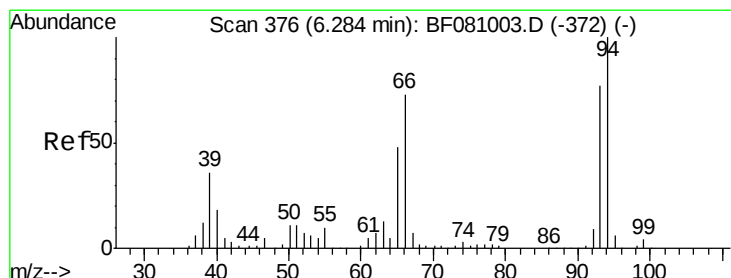
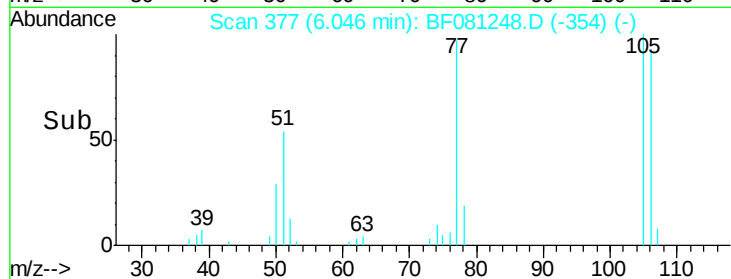
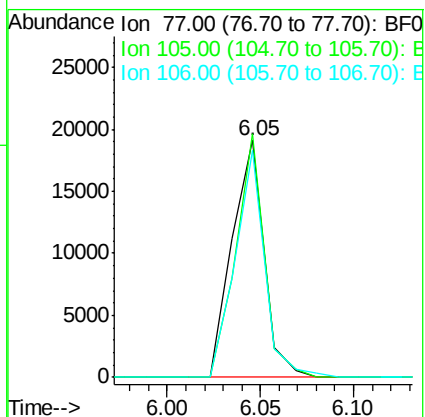
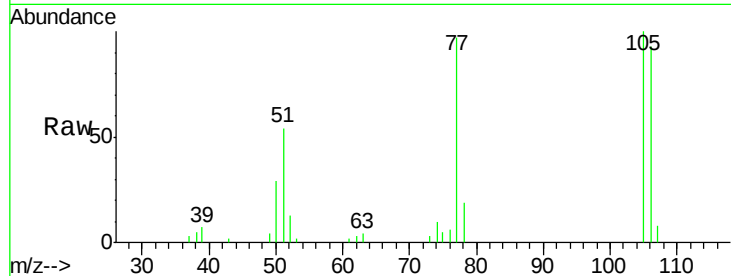
Tot Ion: 77 Resp: 22804

Ion Ratio Lower Upper

77 100

105 102.8 69.6 109.6

106 95.7 64.0 104.0



#10

Phenol

Concen: 37.60 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

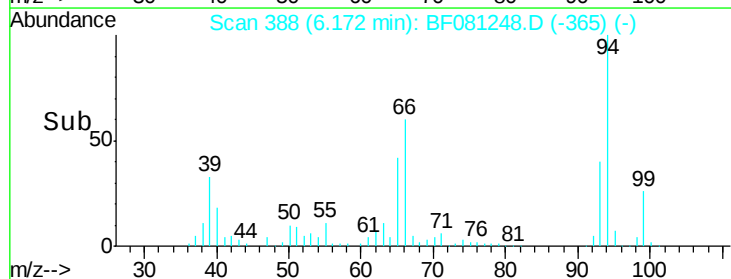
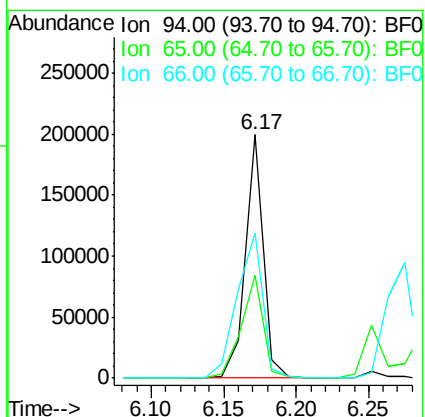
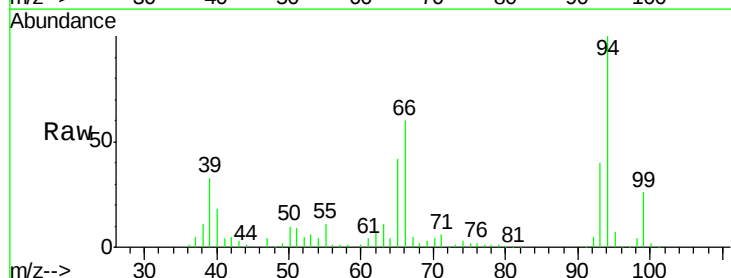
Tgt Ion: 94 Resp: 171008

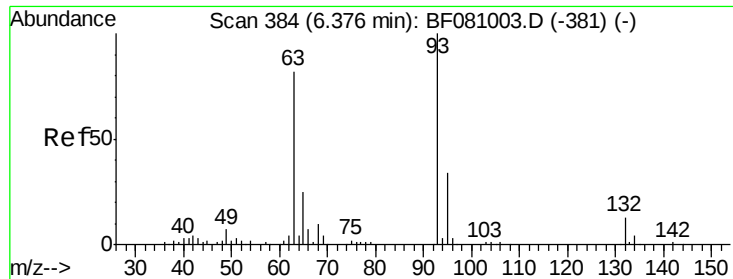
Ion Ratio Lower Upper

94 100

65 42.0 28.4 68.4

66 59.6 52.3 92.3





#11

bis(2-Chloroethyl)ether

Concen: 35.19 ng

RT: 6.25 min Scan# 395

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

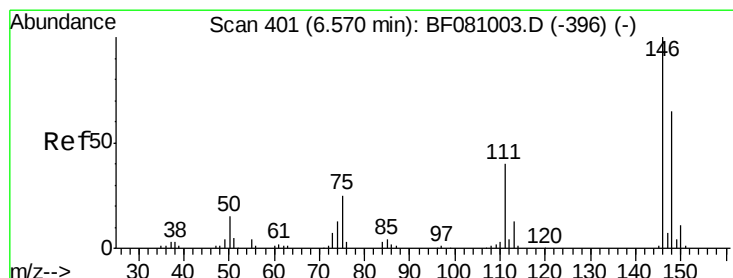
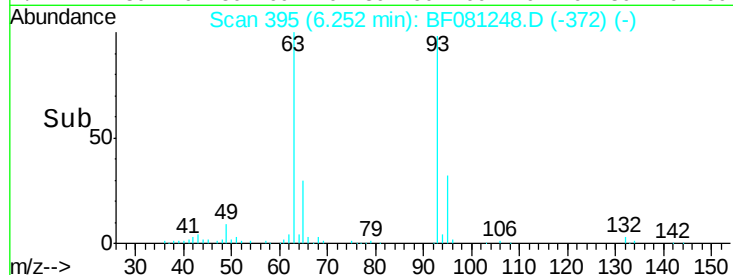
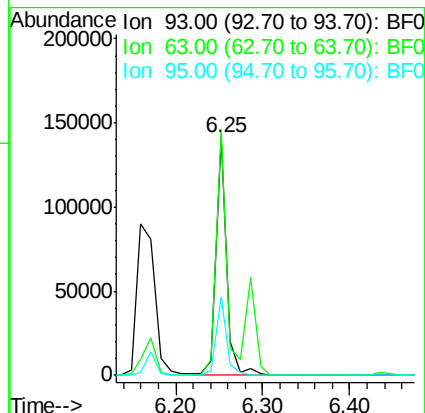
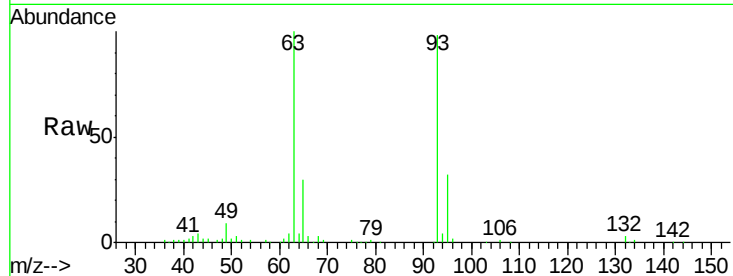
Tot Ion: 93 Resp: 122781

Ion Ratio Lower Upper

93 100

63 102.3 69.6 109.6

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 34.37 ng

RT: 6.45 min Scan# 412

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

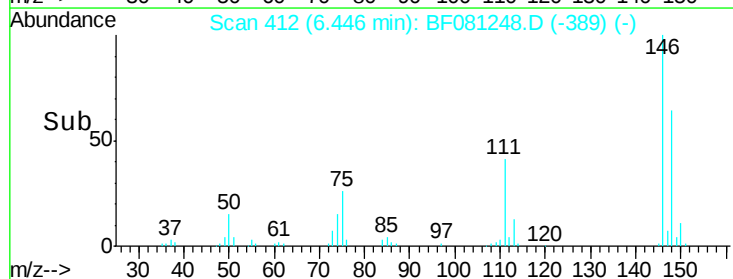
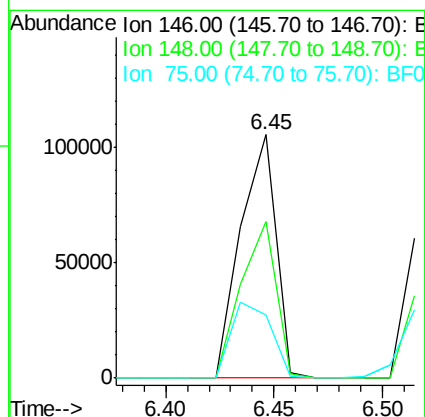
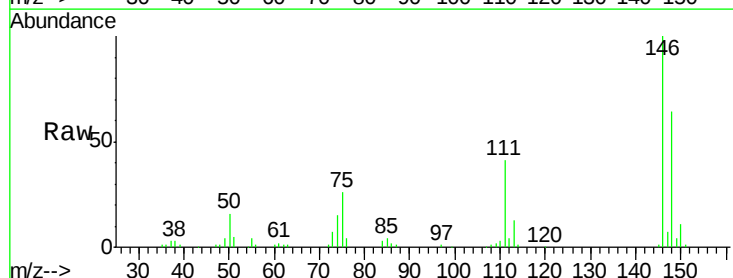
Tgt Ion: 146 Resp: 119288

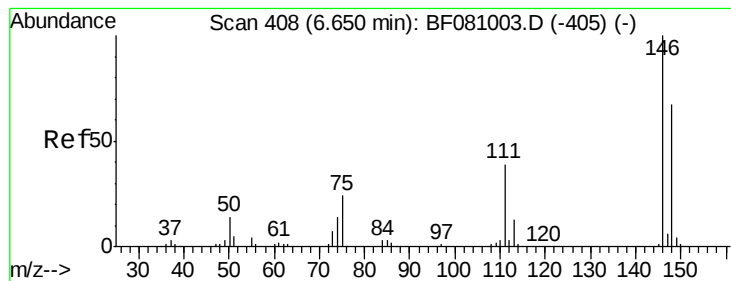
Ion Ratio Lower Upper

146 100

148 64.4 53.3 79.9

75 26.1 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 34.79 ng

RT: 6.53 min Scan# 419

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampled :

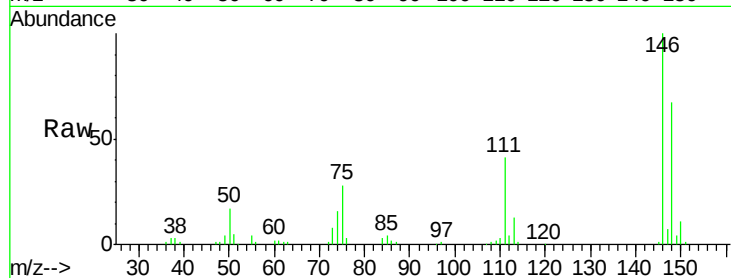
Tot Ion:146 Resp: 119578

Ion Ratio Lower Upper

146 100

148 66.5 52.3 78.5

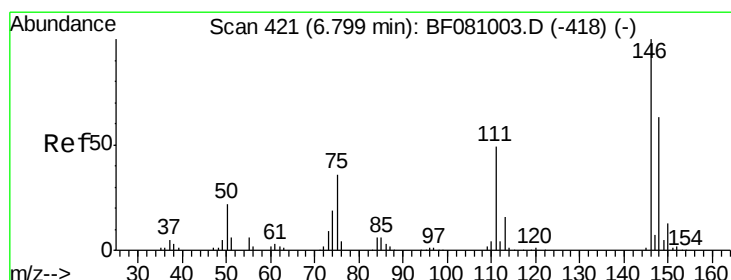
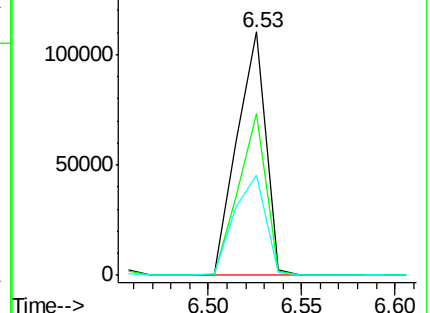
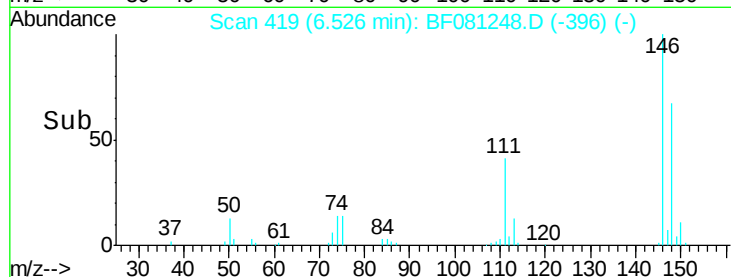
111 41.1 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.50 ng

RT: 6.67 min Scan# 432

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

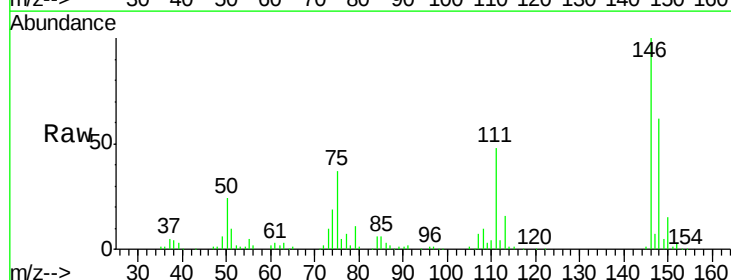
Tgt Ion:146 Resp: 120631

Ion Ratio Lower Upper

146 100

148 62.0 48.7 73.1

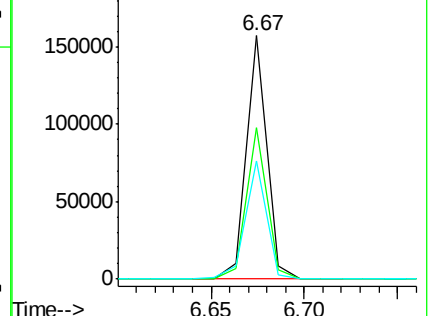
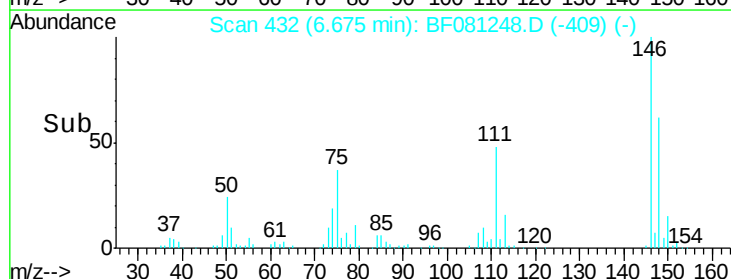
111 48.5 42.3 63.5

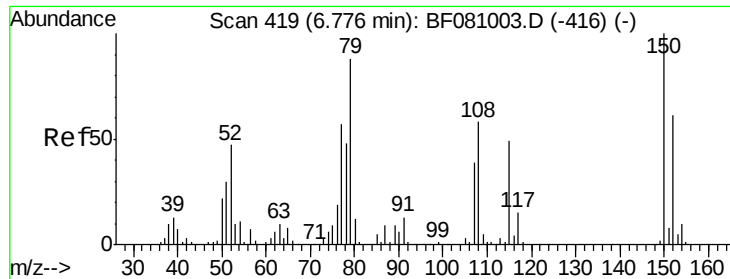


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

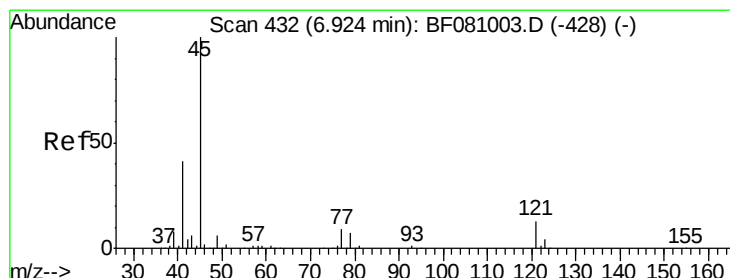
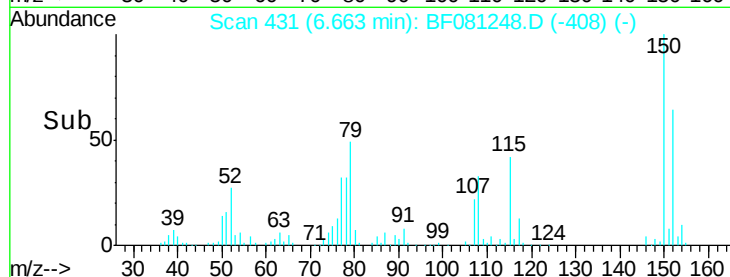
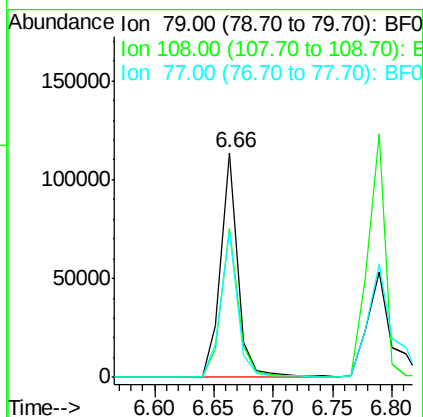
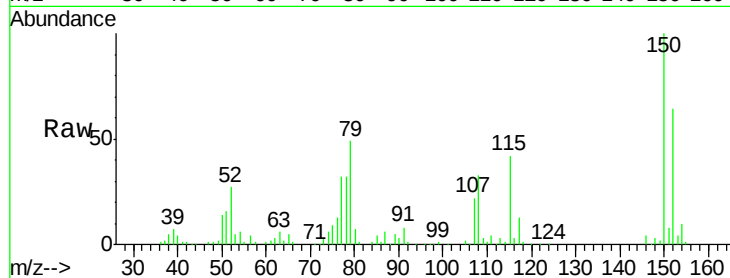




#15
Benzyl Alcohol
Concen: 36.80 ng
RT: 6.66 min Scan# 431
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

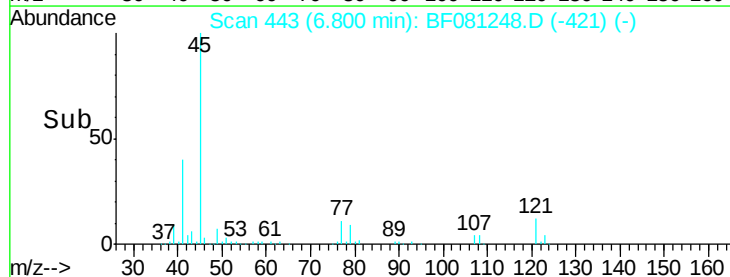
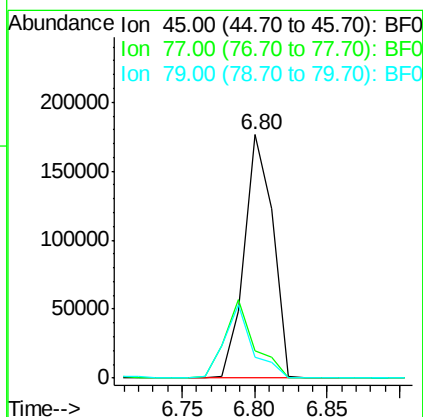
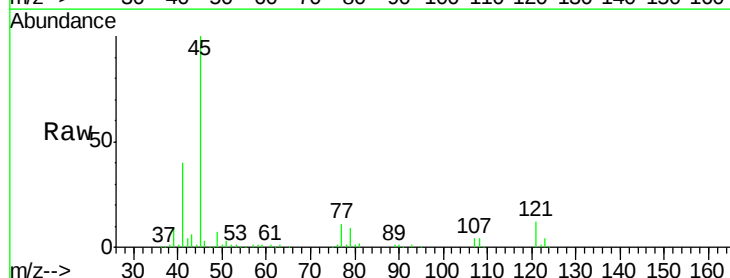
Instrument :
BNA_F
ClientSampled :

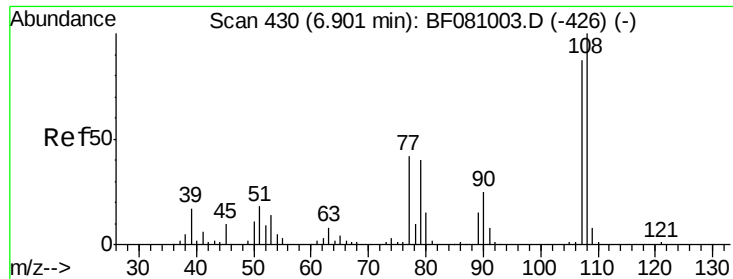
Tot Ion: 79 Resp: 114661
Ion Ratio Lower Upper
79 100
108 66.5 49.4 74.2
77 65.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.02 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 45 Resp: 240122
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.2
79 8.6 0.0 28.0

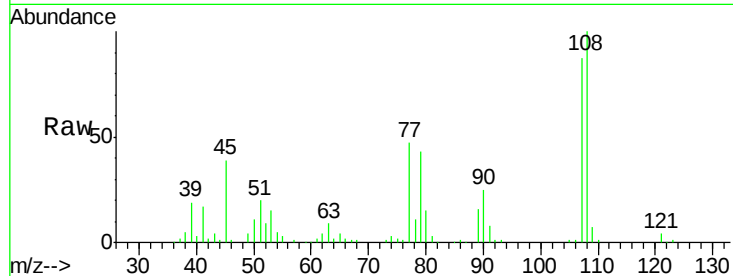




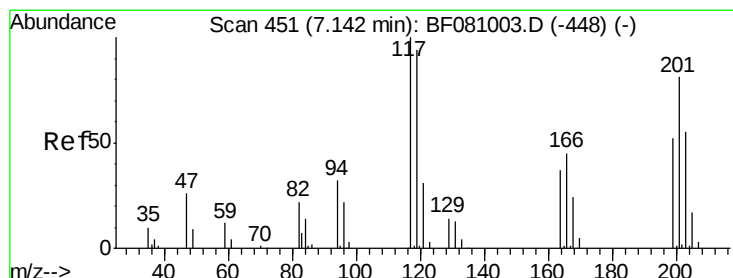
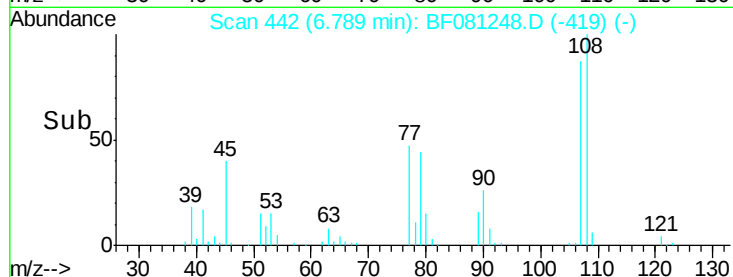
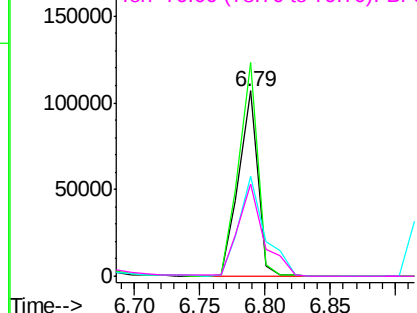
#17
2-Methylphenol
Concen: 39.41 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	109230
Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.4	135.6
77	53.5	46.5	69.7
79	49.9	46.3	69.5

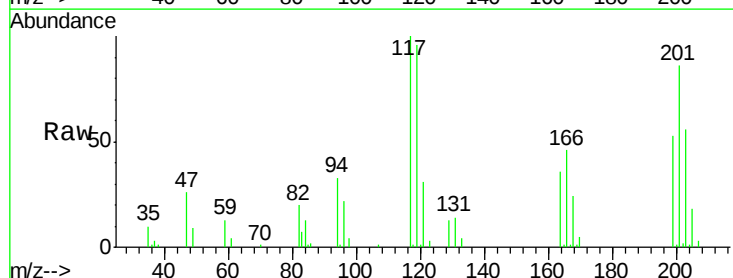


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

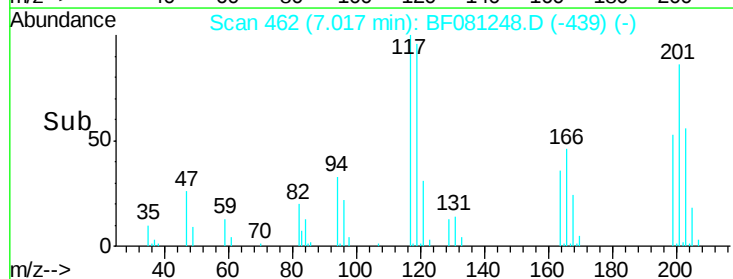
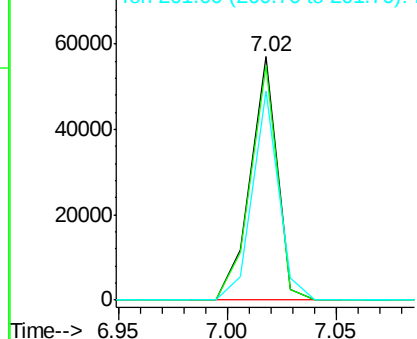


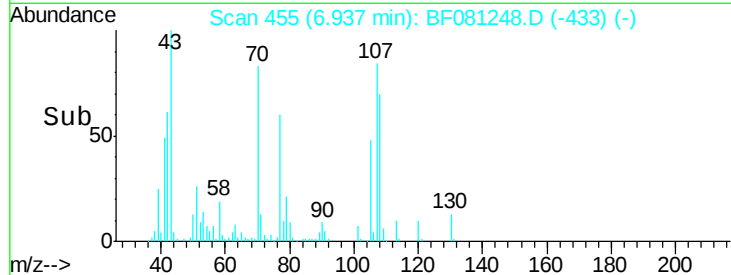
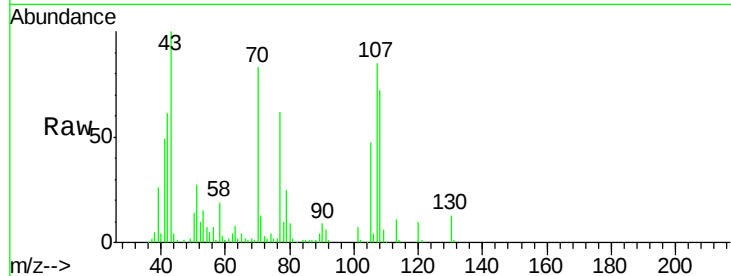
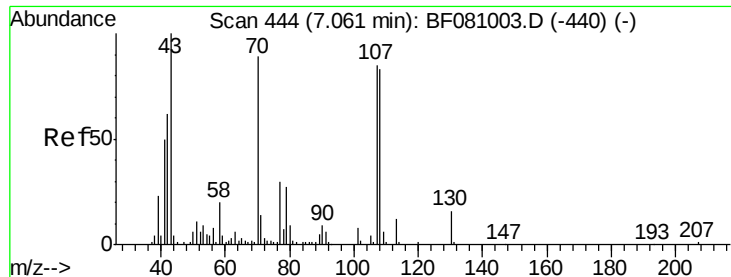
#18
Hexachloroethane
Concen: 35.23 ng
RT: 7.02 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:	117	Resp:	48920
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.9	116.9
201	85.8	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

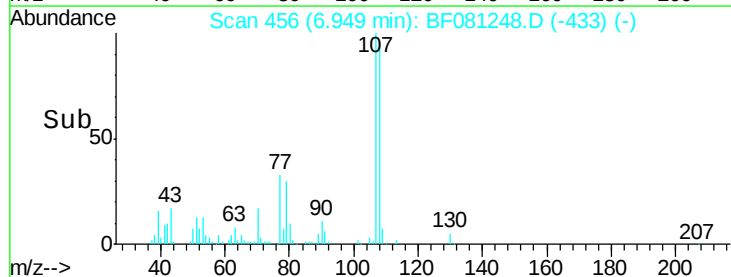
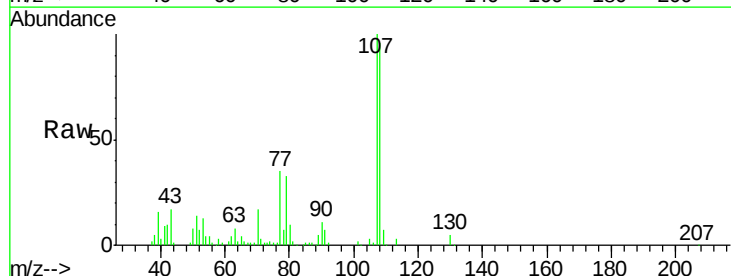
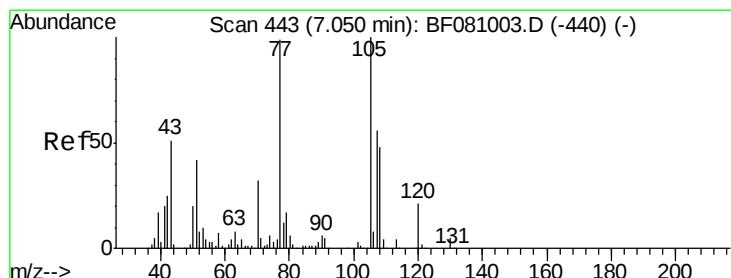
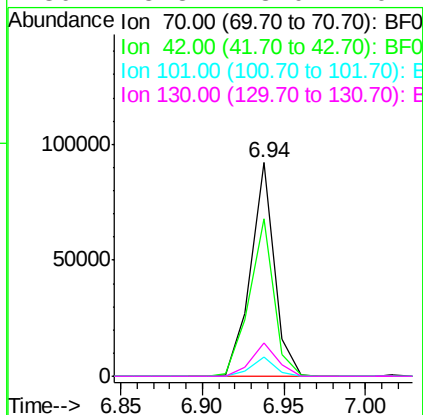




#19
n-Nitroso-di-n-propylamine
Concen: 35.02 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

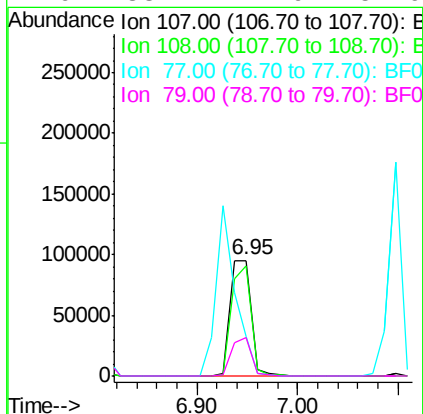
Instrument :
BNA_F
ClientSampled :

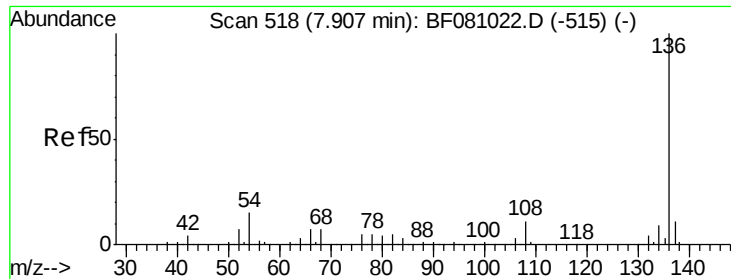
Tot Ion:	70	Resp:	93408
Ion	Ratio	Lower	Upper
70	100		
42	73.8	65.0	97.4
101	8.8	7.4	11.2
130	15.8	13.0	19.4



#20
3+4-Methylphenols
Concen: 39.28 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:	107	Resp:	138174
Ion	Ratio	Lower	Upper
107	100		
108	95.8	66.1	106.1
77	35.0	139.3	179.3#
79	33.1	11.9	51.9

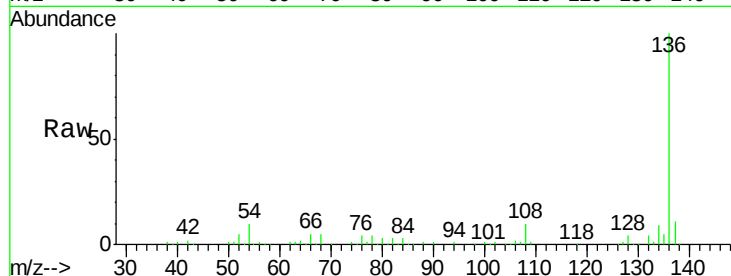




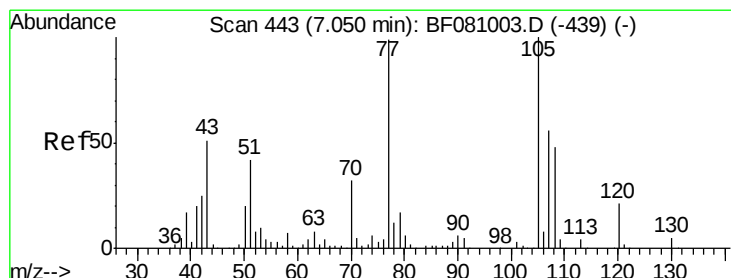
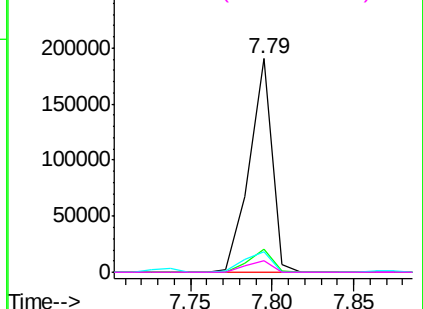
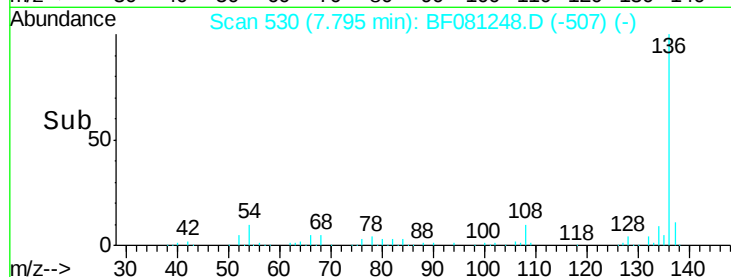
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	183930
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.2 12.2
54	9.6	7.7 11.5
68	5.4	3.4 5.2#

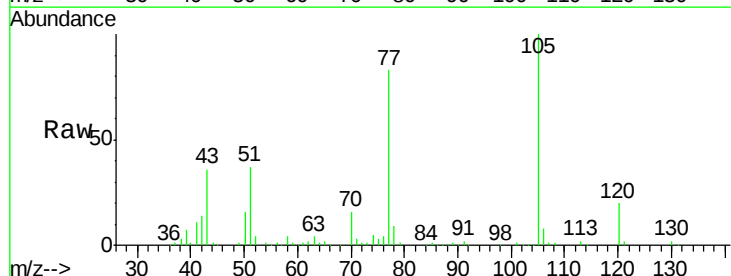


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

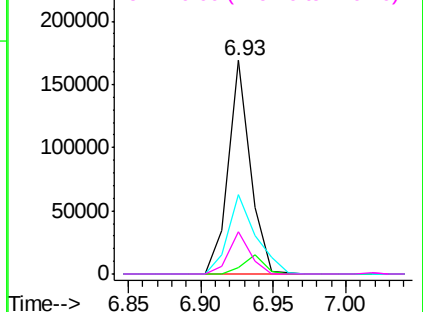
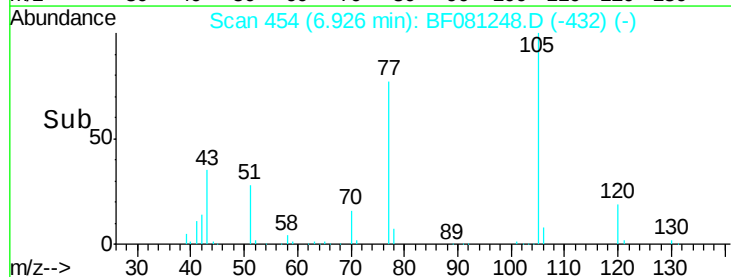


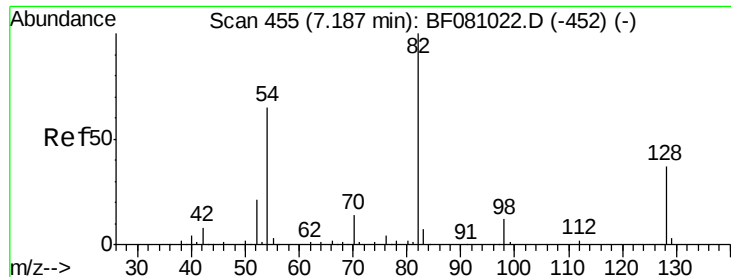
#22
Acetophenone
Concen: 36.82 ng
RT: 6.93 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:105	Resp:	177787
Ion Ratio	Lower	Upper
105	100	
71	2.8	3.0 4.6#
51	37.2	39.8 59.8#
120	19.6	15.8 23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

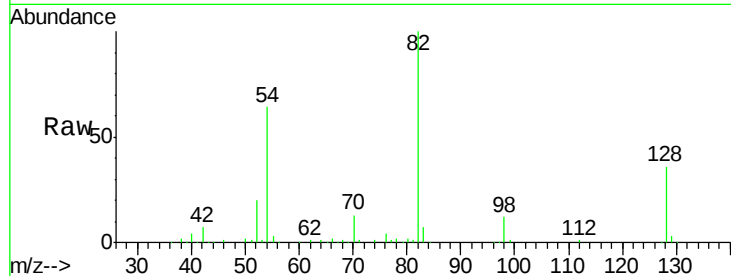




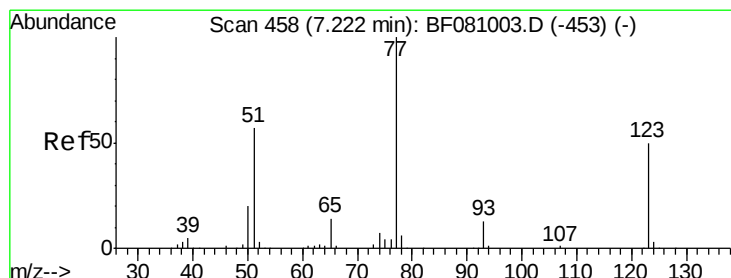
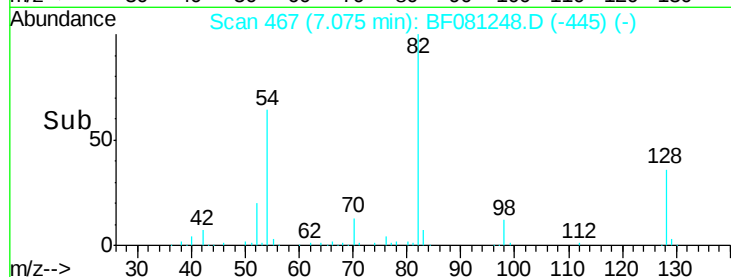
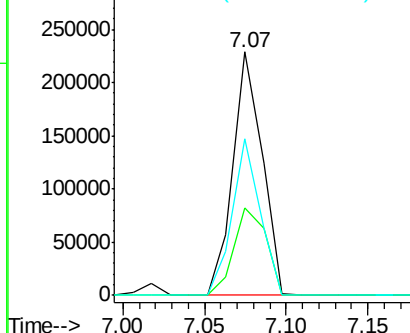
#23
Nitrobenzene-d5
Concen: 70.27 ng
RT: 7.07 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	282948
Ion Ratio	100	Lower	Upper
128	36.1	28.6	42.8
54	64.4	55.1	82.7

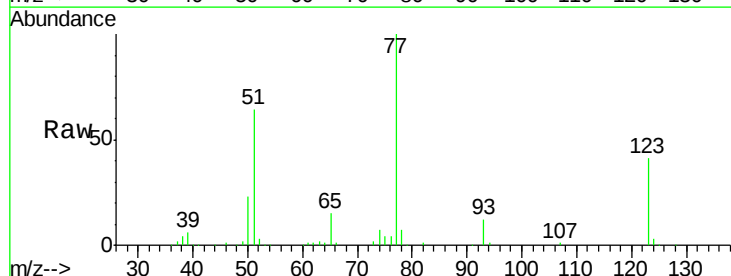


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

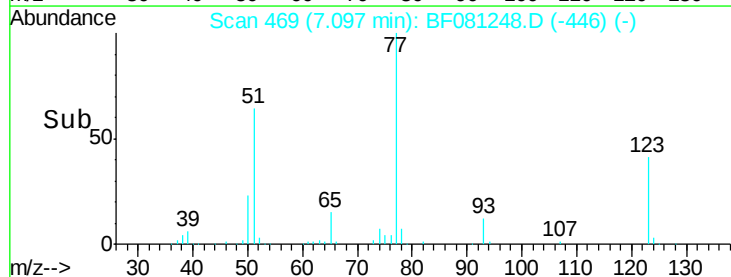
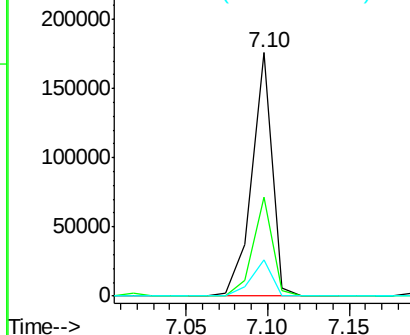


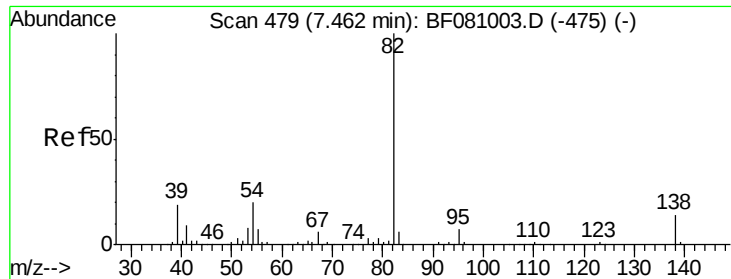
#24
Nitrobenzene
Concen: 36.04 ng
RT: 7.10 min Scan# 469
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion	77	Resp	151744
Ion Ratio	100	Lower	Upper
123	40.6	32.9	49.3
65	14.9	12.5	18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.28 ng

RT: 7.34 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

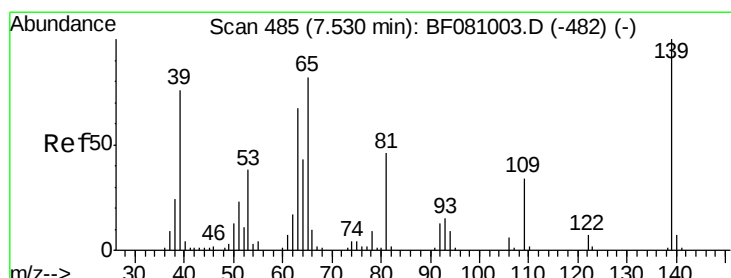
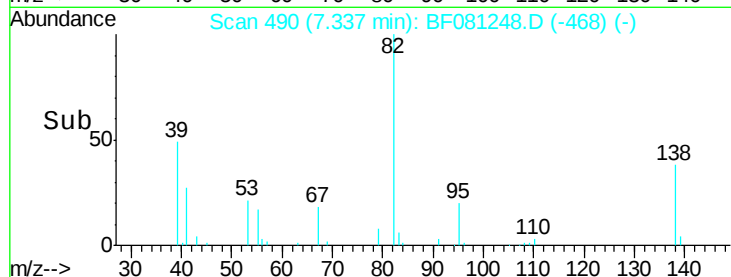
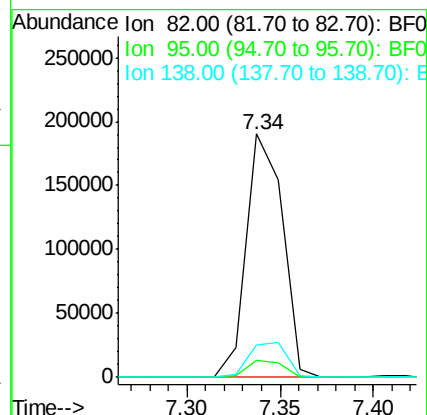
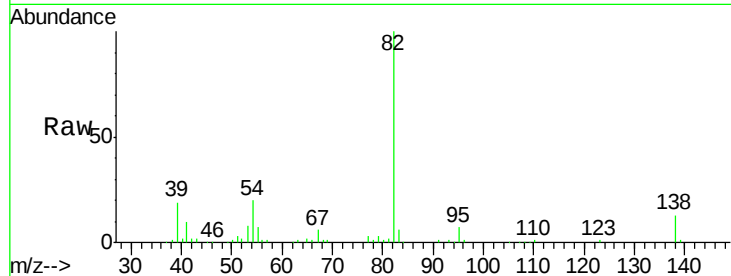
Tot Ion: 82 Resp: 257367

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 13.1 10.5 15.7



#26

2-Nitrophenol

Concen: 37.57 ng

RT: 7.42 min Scan# 497

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

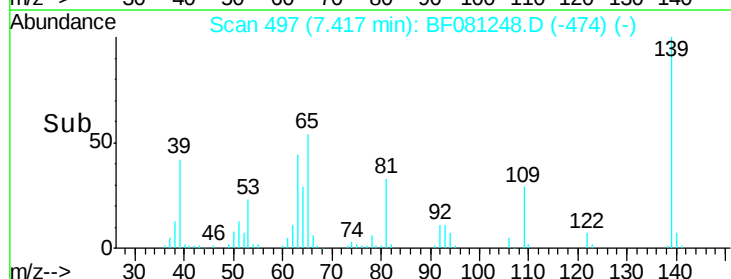
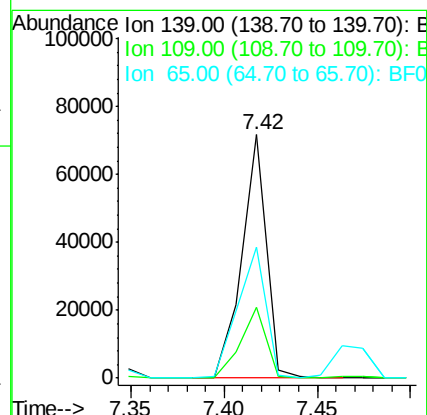
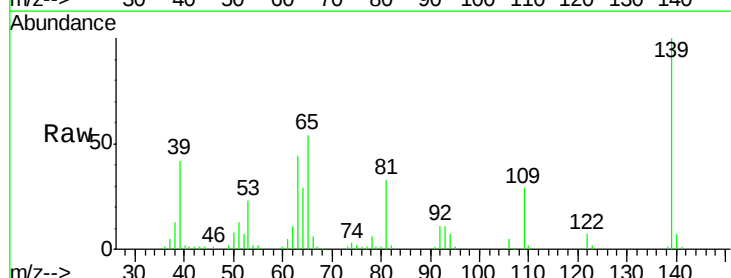
Tgt Ion: 139 Resp: 65772

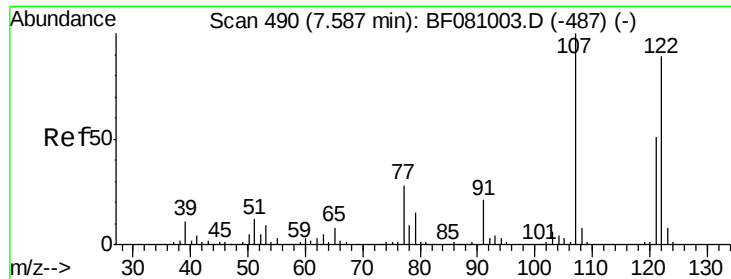
Ion Ratio Lower Upper

139 100

109 29.2 32.1 48.1#

65 53.6 69.9 104.9#

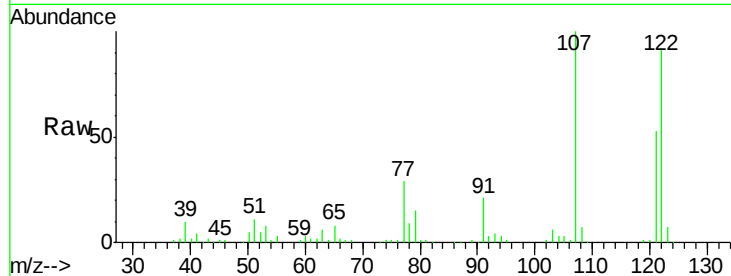




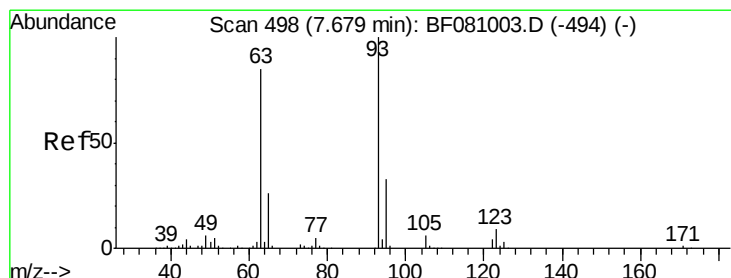
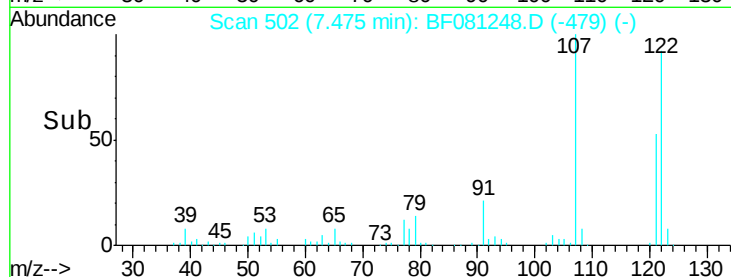
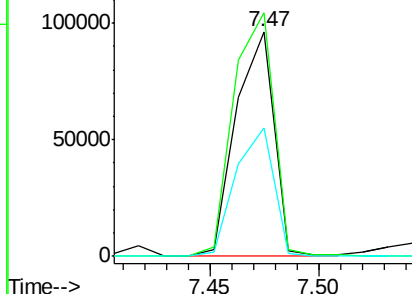
#27
 2,4-Dimethylphenol
 Concen: 37.84 ng
 RT: 7.47 min Scan# 502
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 117212
 Ion Ratio Lower Upper
 122 100
 107 108.3 103.8 155.6
 121 56.9 47.0 70.4

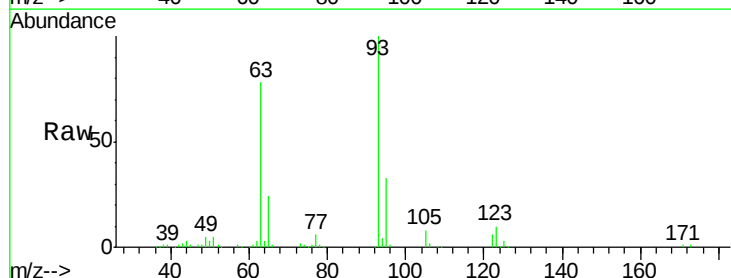


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

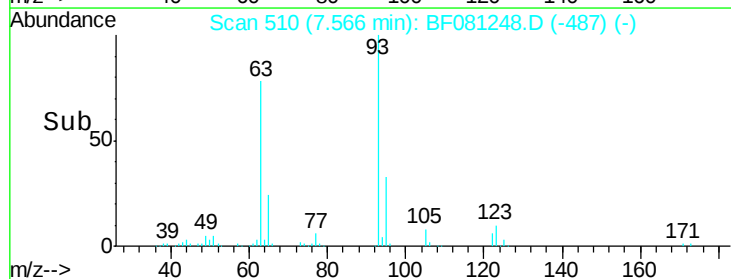
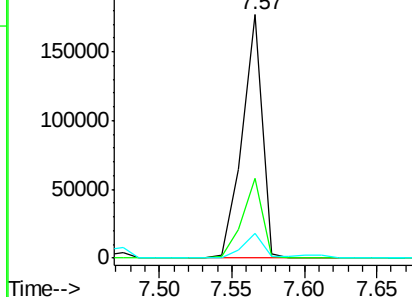


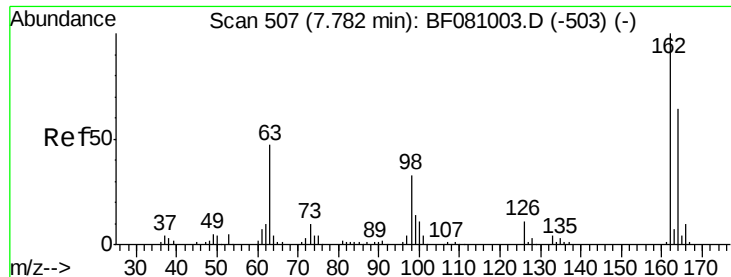
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.49 ng
 RT: 7.57 min Scan# 510
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion: 93 Resp: 170744
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.8 38.8
 123 10.0 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

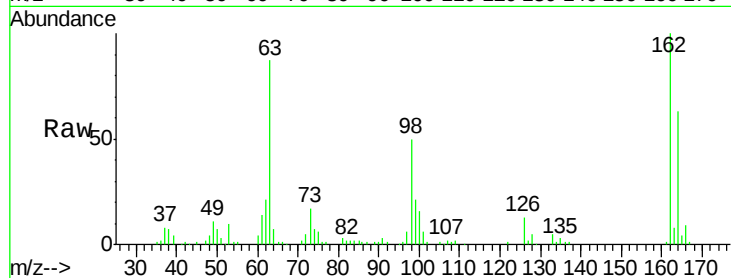




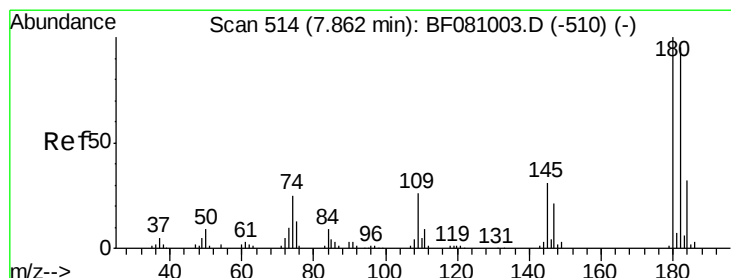
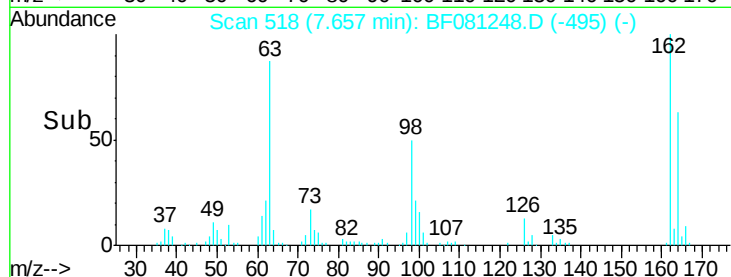
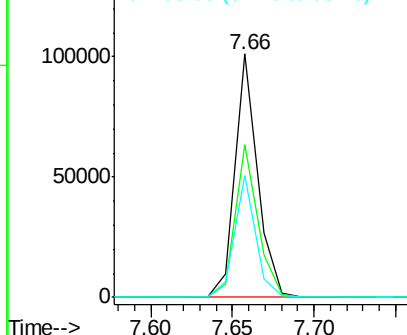
#29
 2,4-Dichlorophenol
 Concen: 36.66 ng
 RT: 7.66 min Scan# 518
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 95593
 Ion Ratio Lower Upper
 162 100
 164 62.6 43.2 83.2
 98 50.2 12.3 52.3

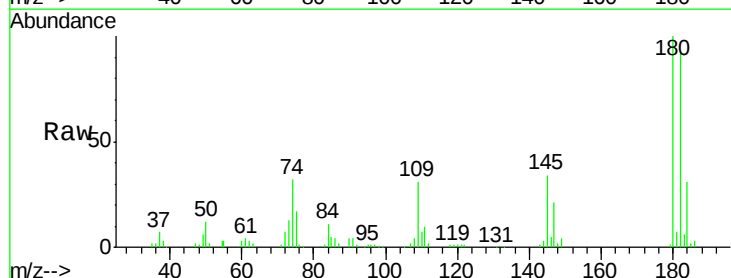


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

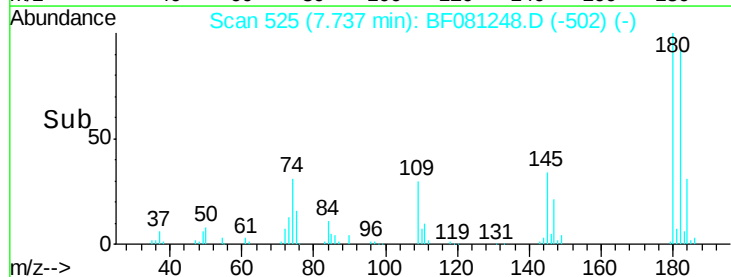
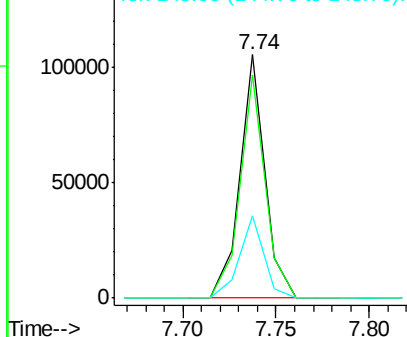


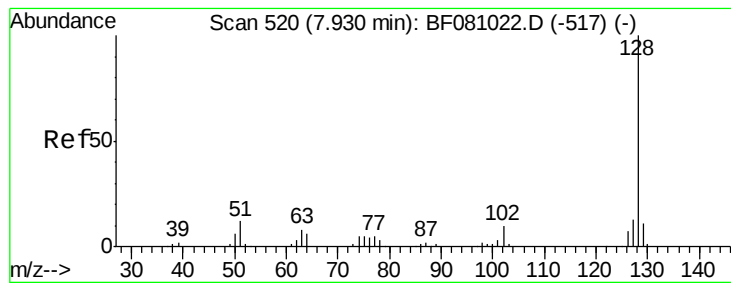
#30
 1,2,4-Trichlorobenzene
 Concen: 34.09 ng
 RT: 7.74 min Scan# 525
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:180 Resp: 98789
 Ion Ratio Lower Upper
 180 100
 182 91.8 76.4 114.6
 145 33.7 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: 35.96 ng

RT: 7.82 min Scan# 532

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

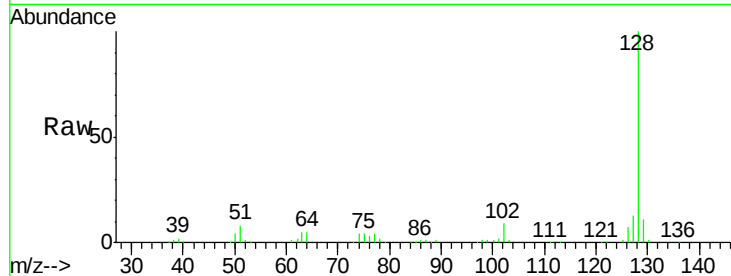
Tot Ion:128 Resp: 368724

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

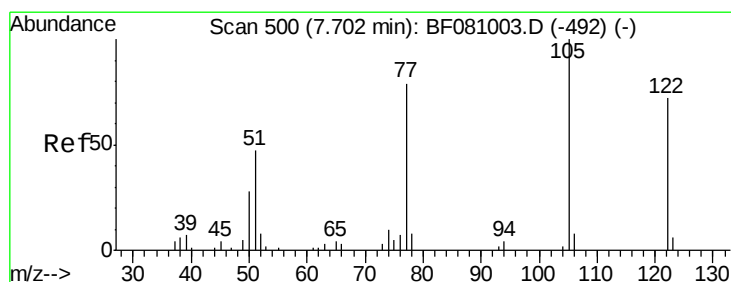
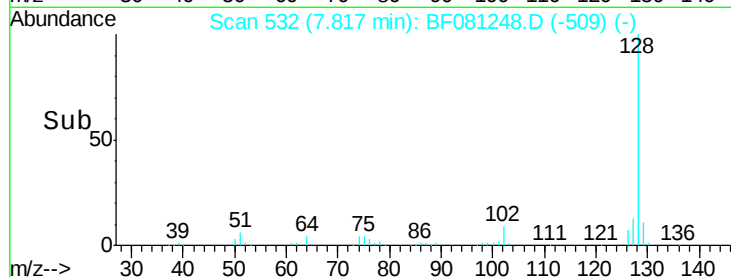
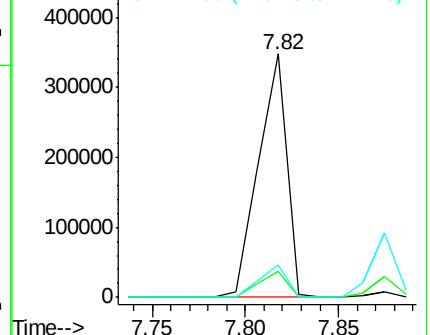
127 13.1 10.6 16.0



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: 43.48 ng

RT: 7.61 min Scan# 514

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

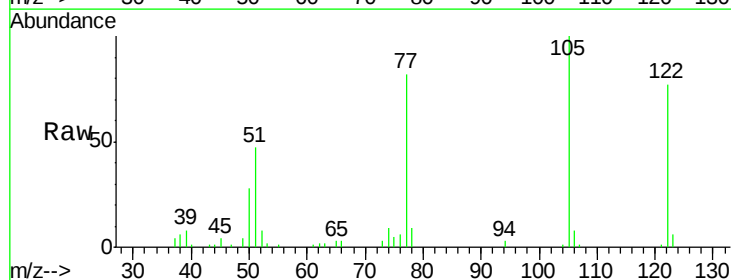
Tgt Ion:122 Resp: 75748

Ion Ratio Lower Upper

122 100

105 129.3 113.8 153.8

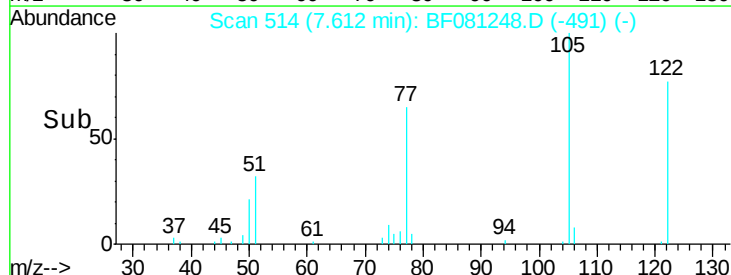
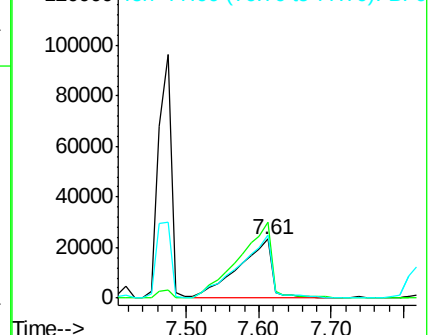
77 106.0 93.8 133.8

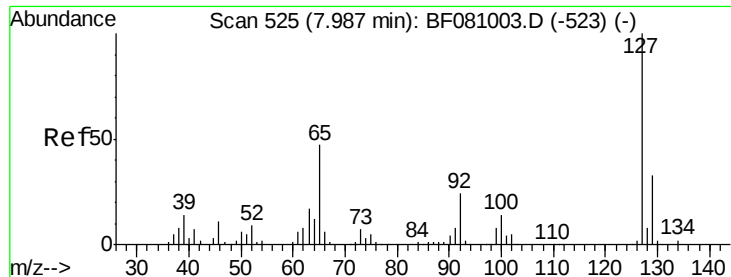


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

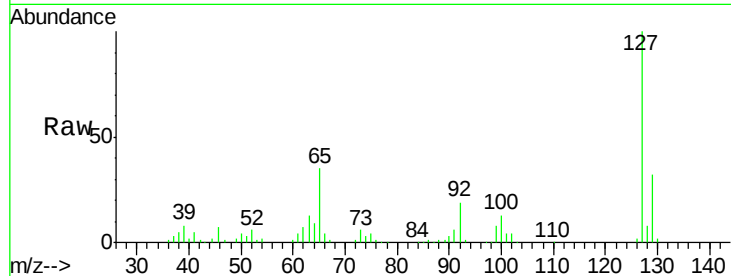




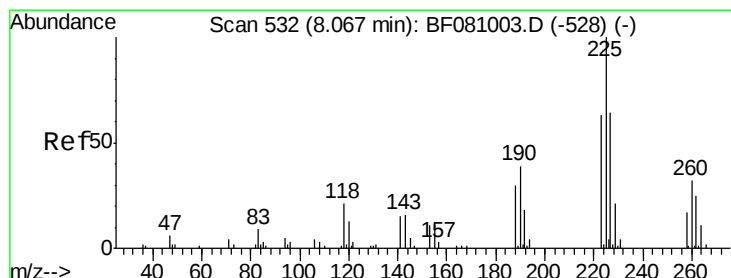
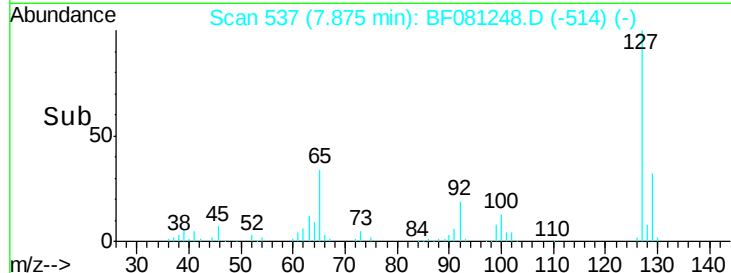
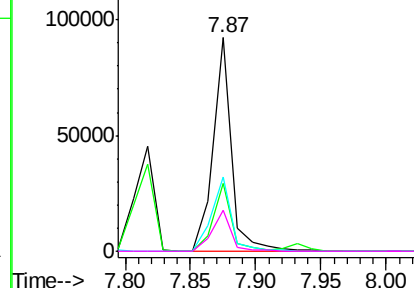
#33
4-Chloroaniline
Concen: 21.02 ng
RT: 7.87 min Scan# 537
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.2	37.8
65	35.0	37.8	56.6#
92	19.5	19.5	29.3#

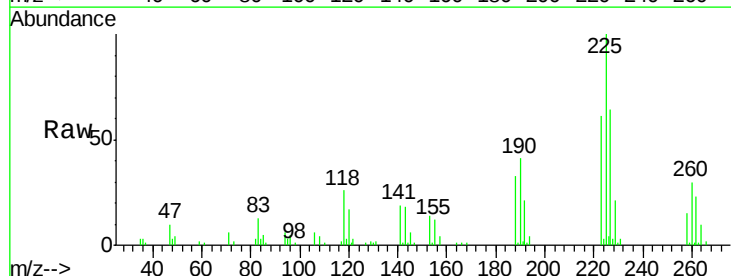


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

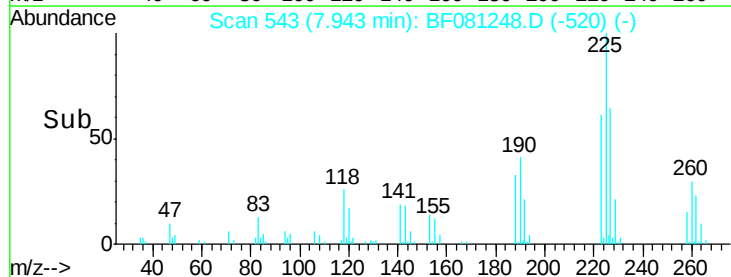
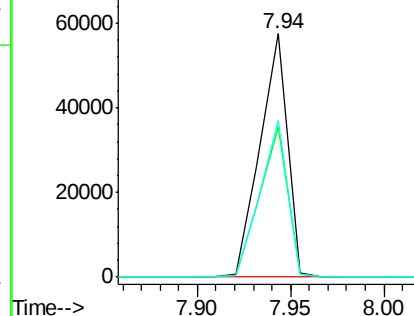


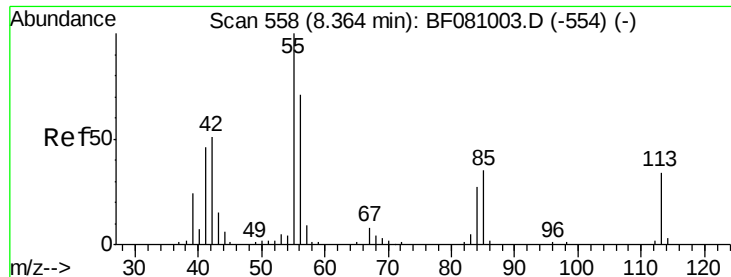
#34
Hexachlorobutadiene
Concen: 35.78 ng
RT: 7.94 min Scan# 543
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	52.6	79.0
227	64.3	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: 25.33 ng

RT: 8.25 min Scan# 570

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

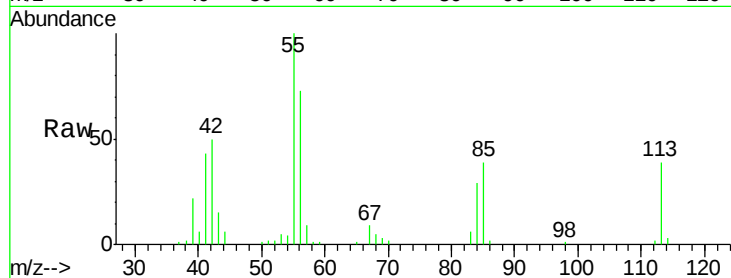
Tot Ion:113 Resp: 23084

Ion Ratio Lower Upper

113 100

55 259.6 280.4 320.4#

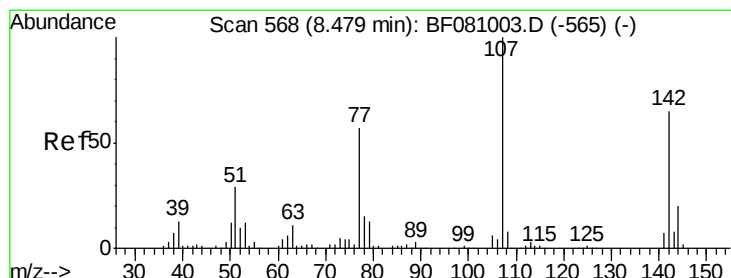
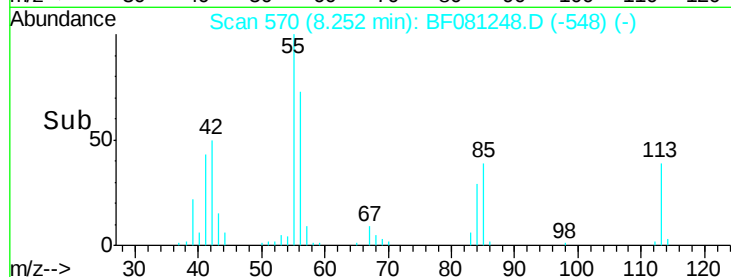
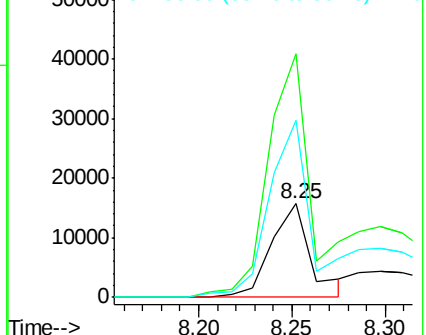
56 188.6 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.53 ng

RT: 8.37 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

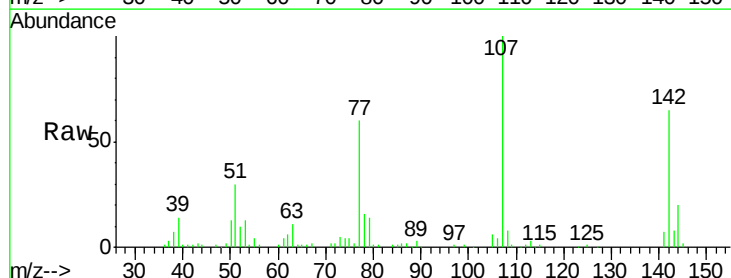
Tgt Ion:107 Resp: 119750

Ion Ratio Lower Upper

107 100

144 20.4 17.2 25.8

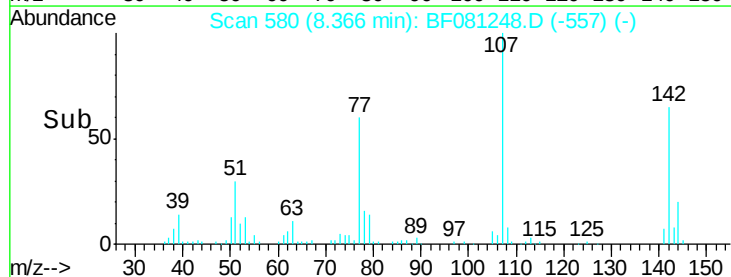
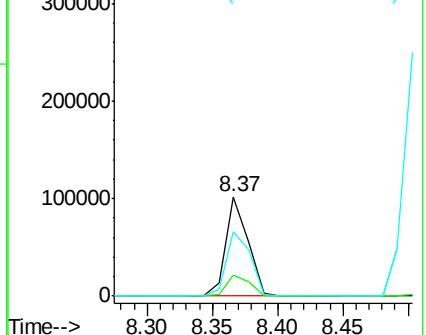
142 65.4 54.9 82.3

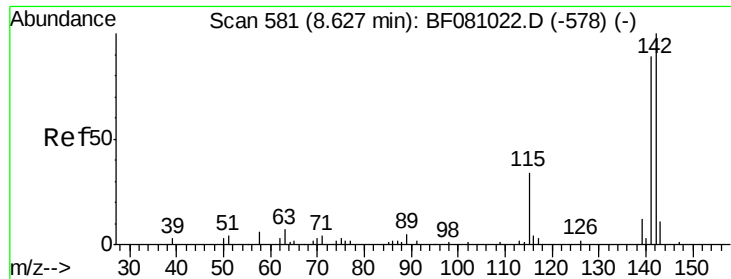


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

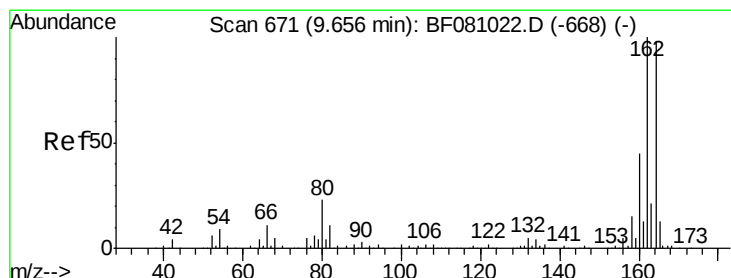
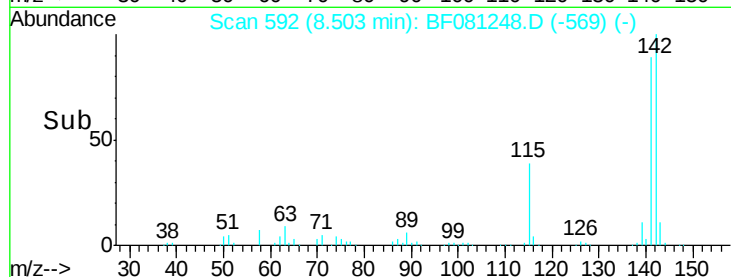
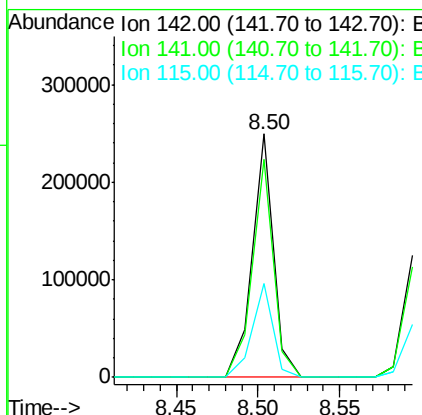
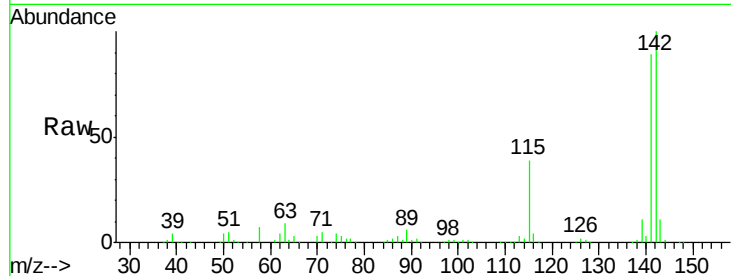




#37
 2-Methylnaphthalene
 Concen: 35.01 ng
 RT: 8.50 min Scan# 592
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

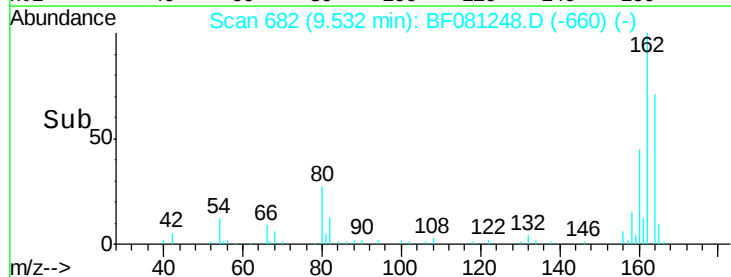
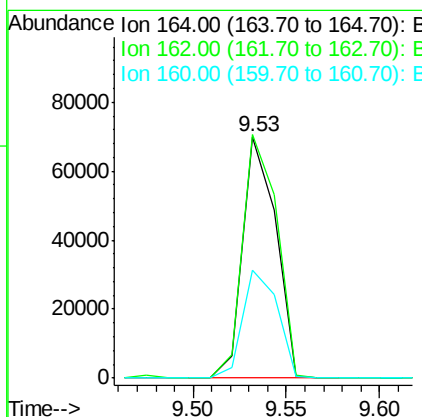
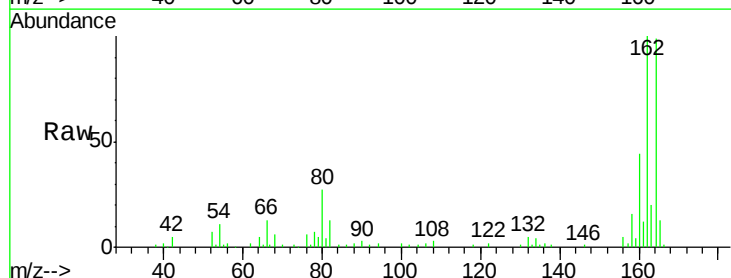
Instrument :
 BNA_F
 ClientSampleId :

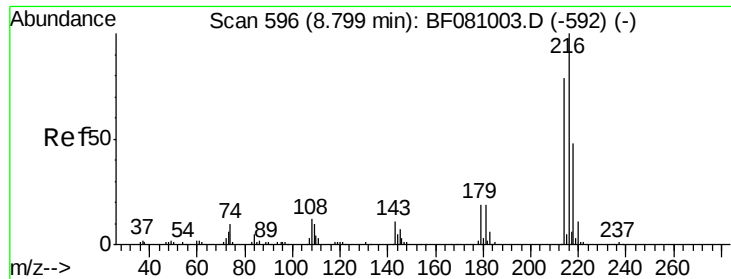
Tot Ion:142 Resp: 226769
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 38.8 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:164 Resp: 86277
 Ion Ratio Lower Upper
 164 100
 162 101.0 83.8 125.8
 160 44.7 39.8 59.8

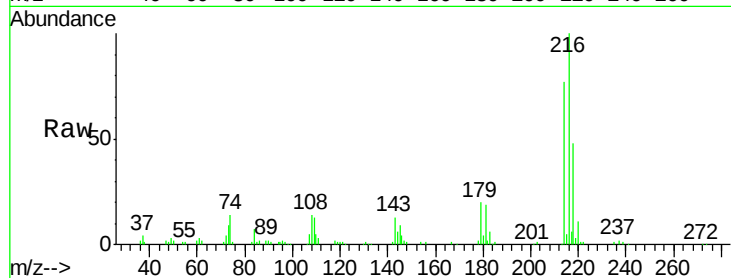




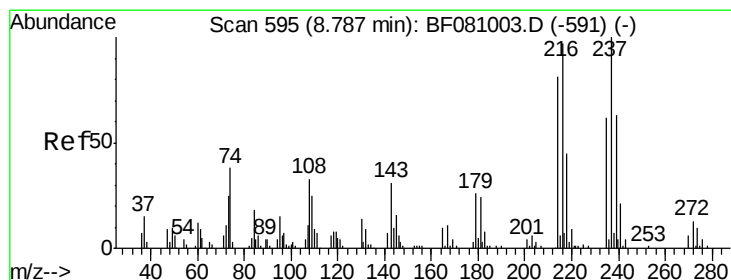
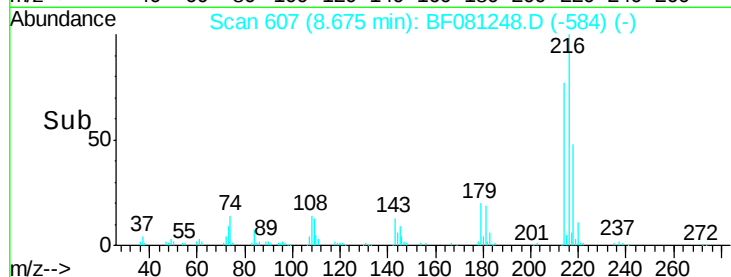
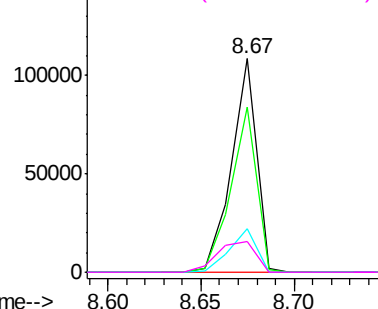
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.35 ng
 RT: 8.67 min Scan# 607
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	101195
Ion Ratio	Lower	Upper
216	100	
214	79.0	63.8 95.8
179	21.4	17.8 26.8
108	22.0	16.2 24.2

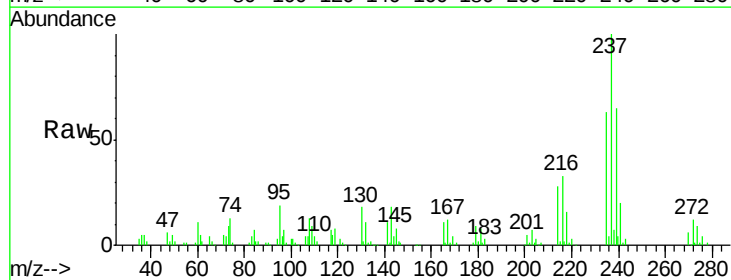


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

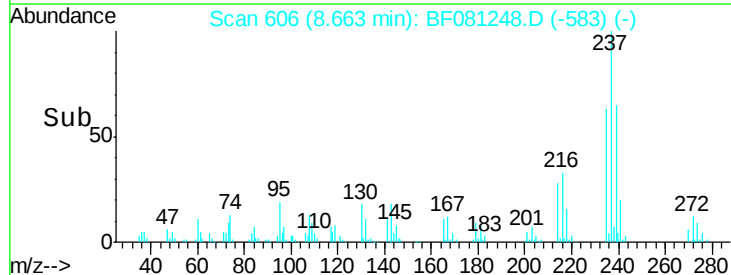
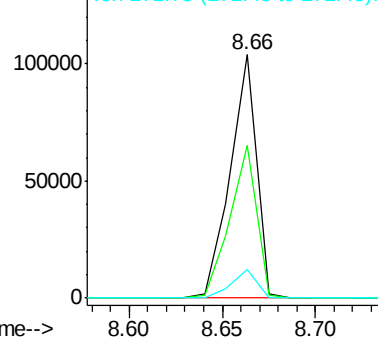


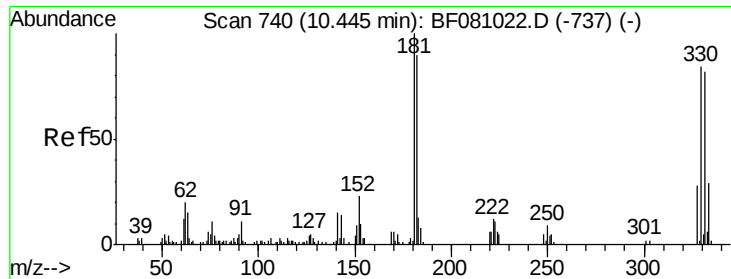
#40
 Hexachlorocyclopentadiene
 Concen: 70.27 ng
 RT: 8.66 min Scan# 606
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:237	Resp:	101241
Ion Ratio	Lower	Upper
237	100	
235	62.9	43.6 83.6
272	11.8	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: 111.84 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

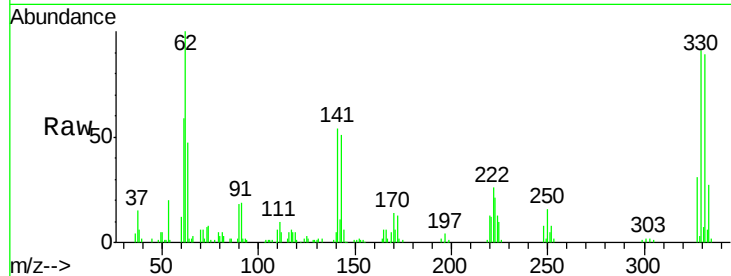
Tot Ion:330 Resp: 83644

Ion Ratio Lower Upper

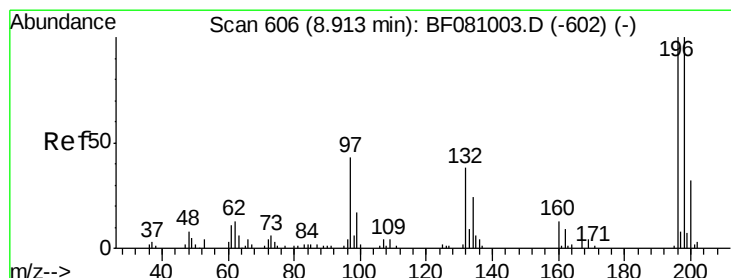
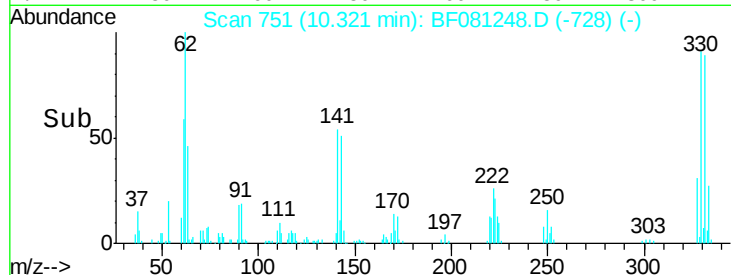
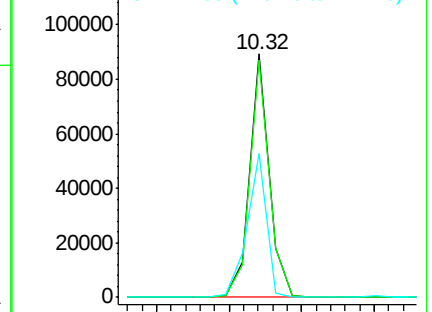
330 100

332 97.3 77.3 115.9

141 58.6 44.9 67.3



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



#42

2,4,6-Trichlorophenol

Concen: 37.12 ng

RT: 8.79 min Scan# 617

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

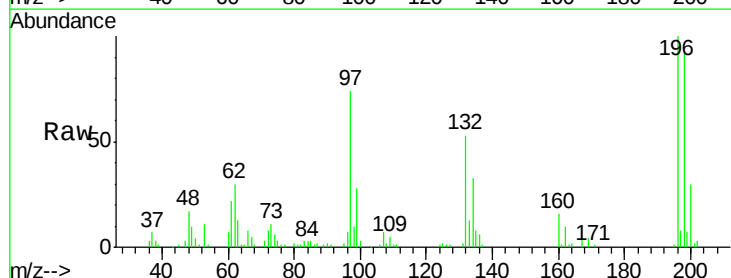
Tgt Ion:196 Resp: 72996

Ion Ratio Lower Upper

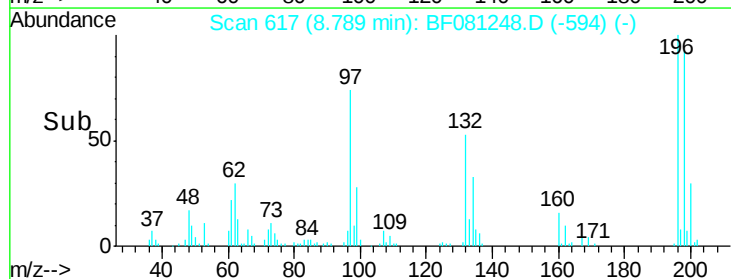
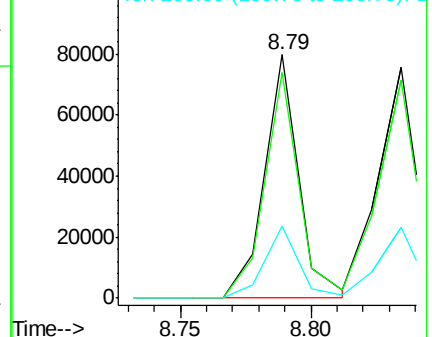
196 100

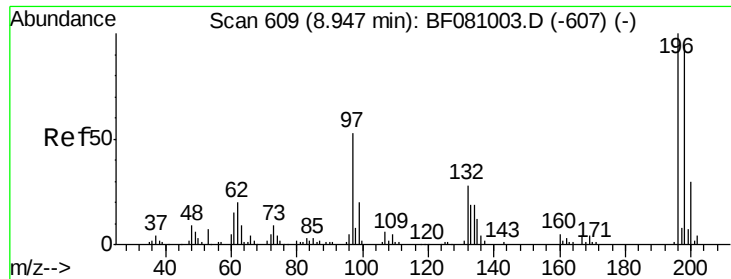
198 92.6 74.6 111.8

200 29.6 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

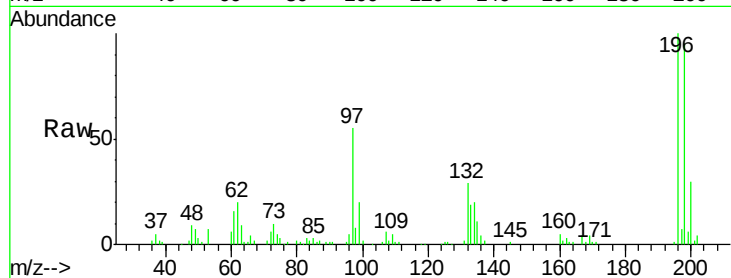




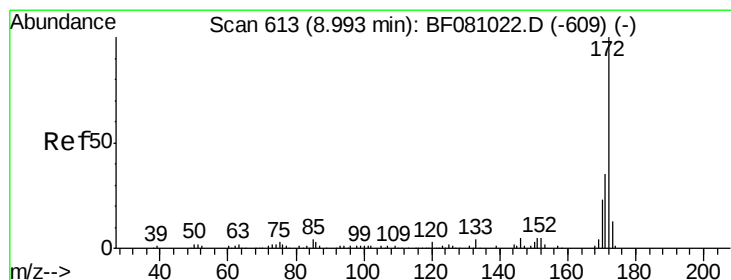
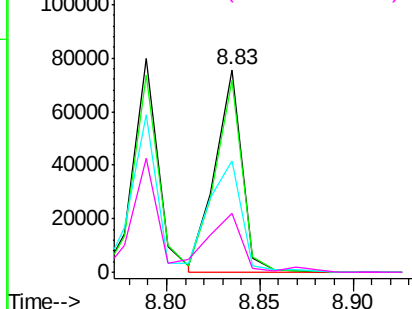
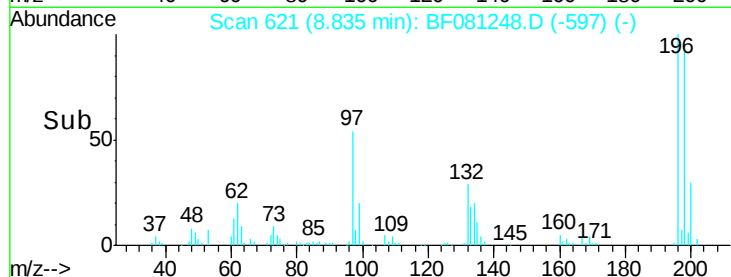
#43
 2,4,5-Trichlorophenol
 Concen: 39.01 ng
 RT: 8.83 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 76668
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.3 117.5
 97 54.7 42.7 64.1
 132 28.9 23.3 34.9

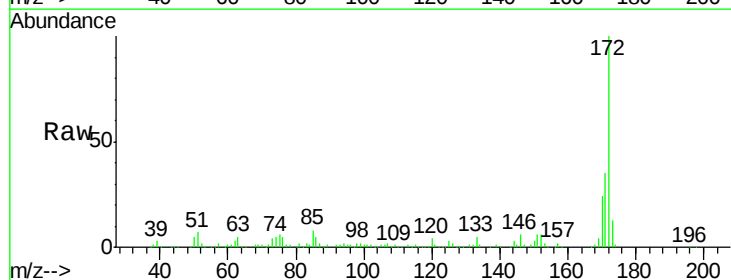


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

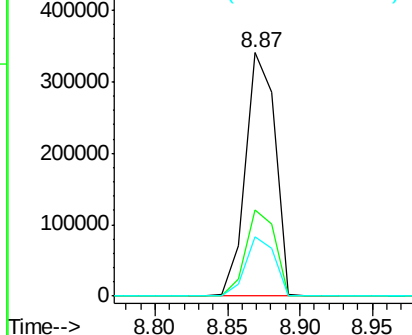
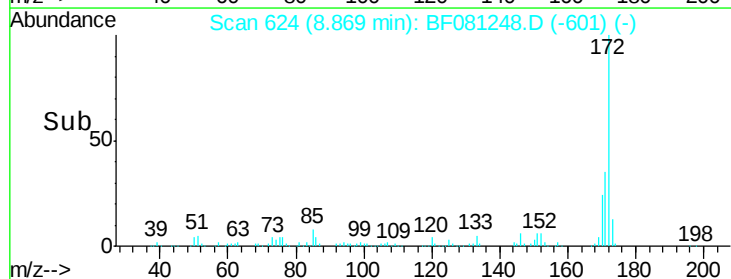


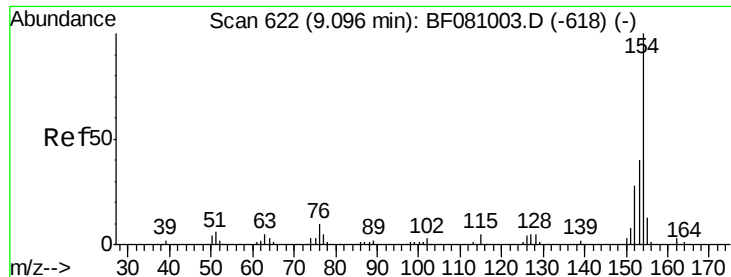
#44
 2-Fluorobiphenyl
 Concen: 72.84 ng
 RT: 8.87 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:172 Resp: 479646
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 24.3 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

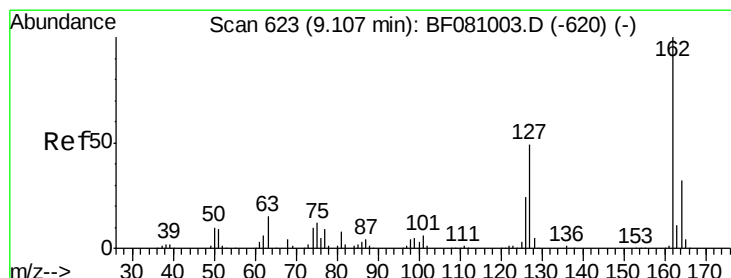
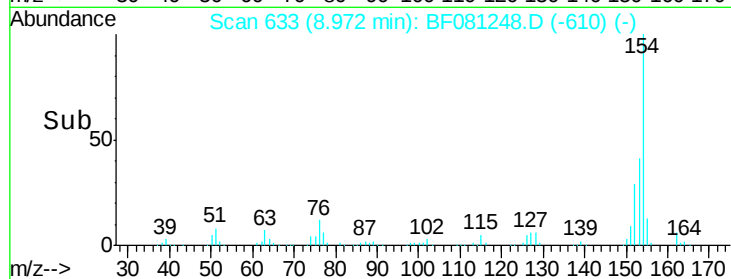
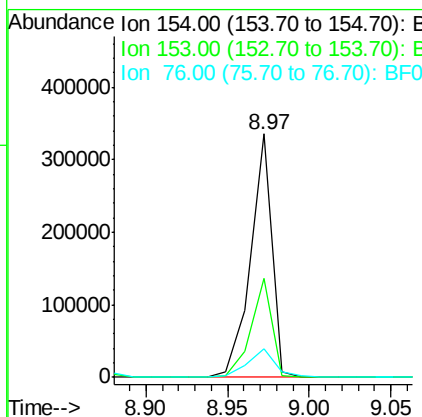
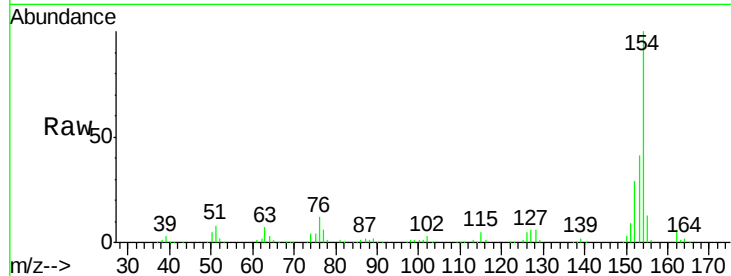




#45
 1,1'-Biphenyl
 Concen: 39.98 ng
 RT: 8.97 min Scan# 633
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

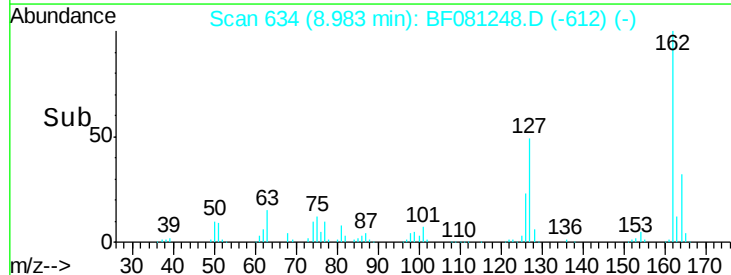
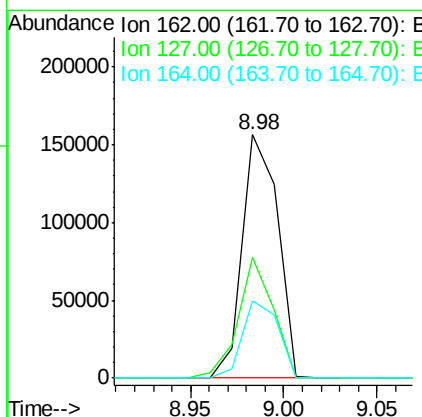
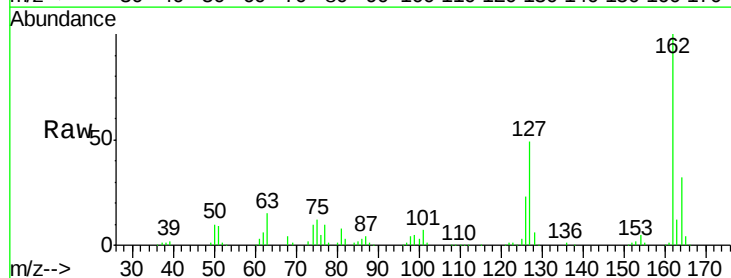
Instrument :
 BNA_F
 ClientSampleId :

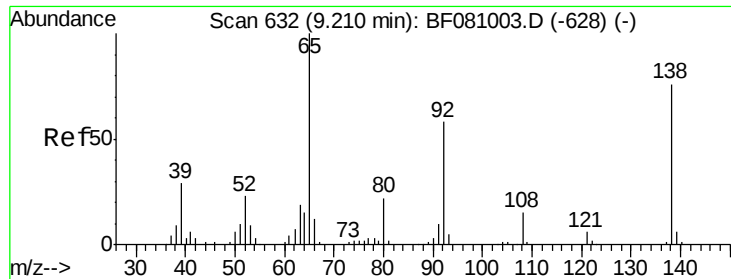
Tot Ion:154 Resp: 303843
 Ion Ratio Lower Upper
 154 100
 153 40.9 19.5 59.5
 76 11.9 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 33.89 ng
 RT: 8.98 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:162 Resp: 206887
 Ion Ratio Lower Upper
 162 100
 127 49.4 31.3 46.9#
 164 31.6 26.3 39.5

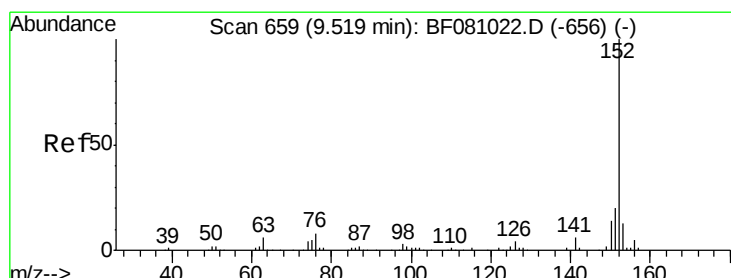
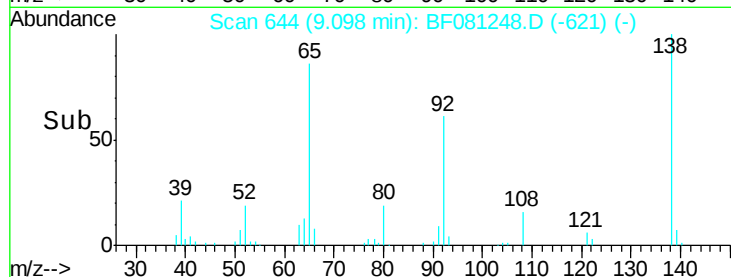
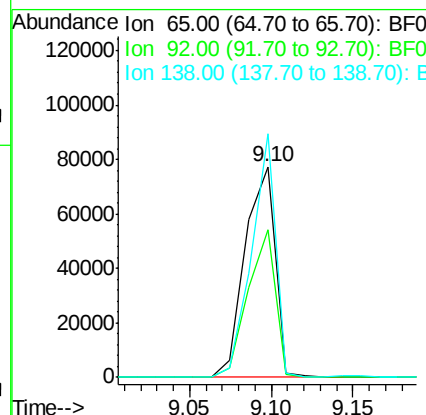
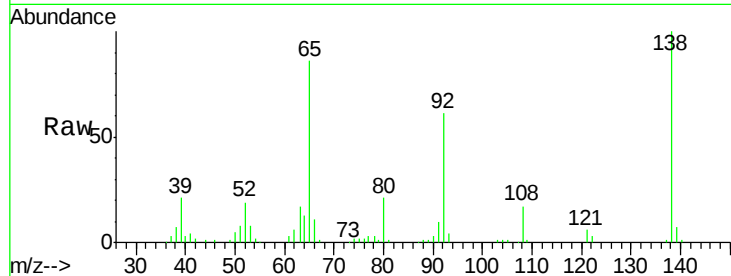




#47
2-Nitroaniline
Concen: 39.38 ng
RT: 9.10 min Scan# 644
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

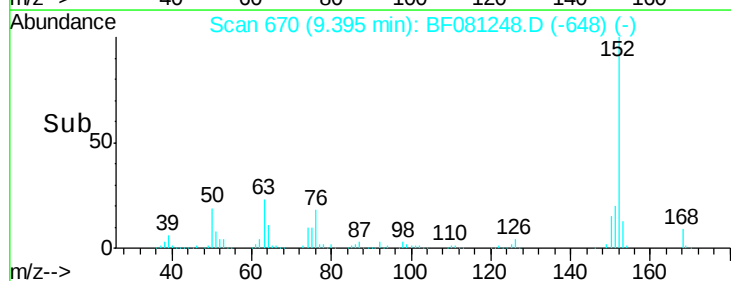
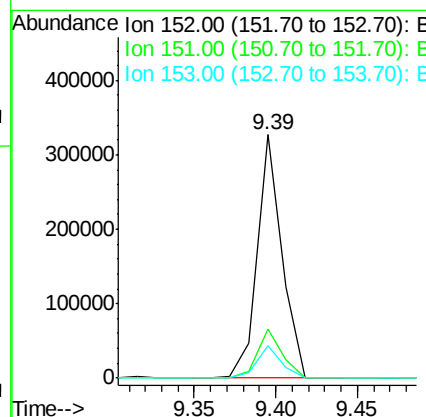
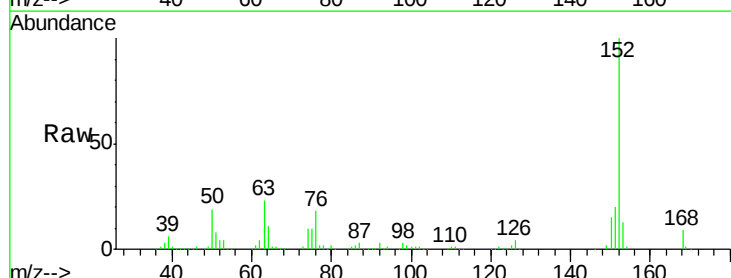
Instrument :
BNA_F
ClientSampled :

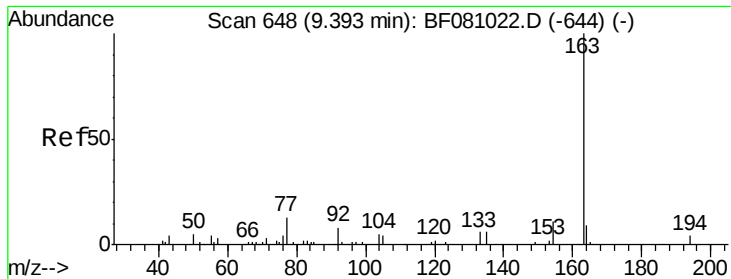
Tot Ion: 65 Resp: 98391
Ion Ratio Lower Upper
65 100
92 70.0 45.6 68.4#
138 115.6 57.9 86.9#



#48
Acenaphthylene
Concen: 31.41 ng
RT: 9.39 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 152 Resp: 343014
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 9.8 14.6

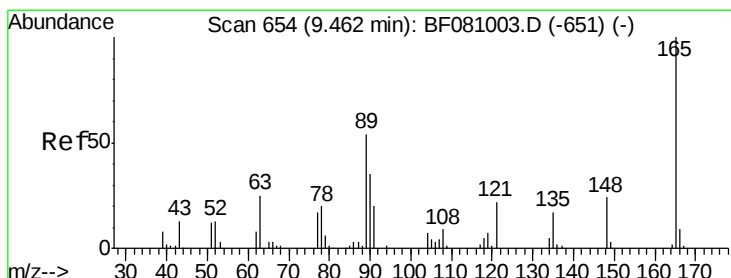
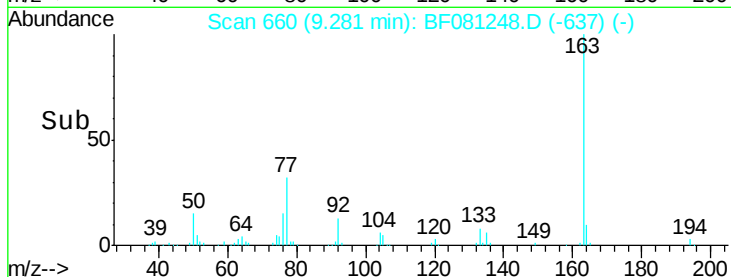
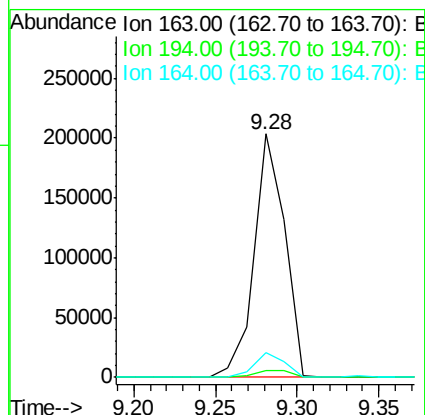
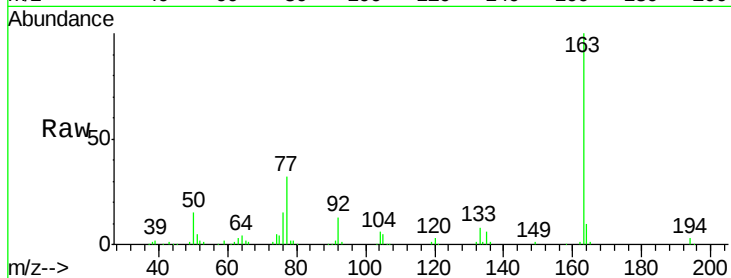




#49
Dimethylphthalate
Concen: 37.30 ng
RT: 9.28 min Scan# 660
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

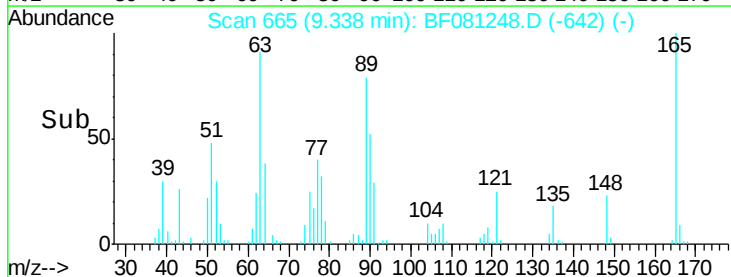
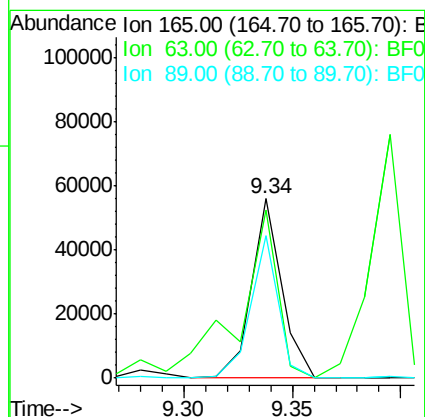
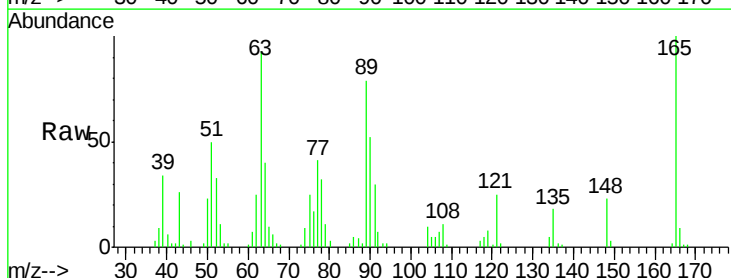
Instrument :
BNA_F
ClientSampleId :

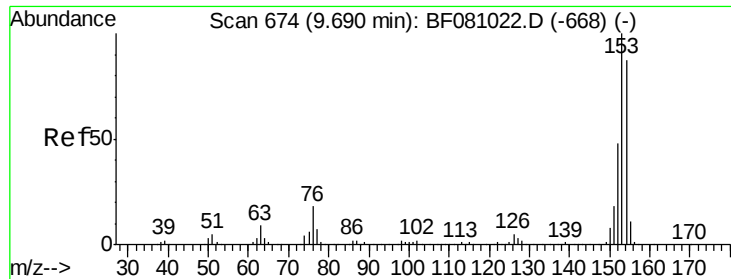
Tot Ion:163 Resp: 264998
Ion Ratio Lower Upper
163 100
194 2.9 2.5 3.7
164 10.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 35.62 ng
RT: 9.34 min Scan# 665
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:165 Resp: 54345
Ion Ratio Lower Upper
165 100
63 93.5 49.5 74.3#
89 79.0 47.6 71.4#





#51

Acenaphthene

Concen: 30.62 ng

RT: 9.57 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

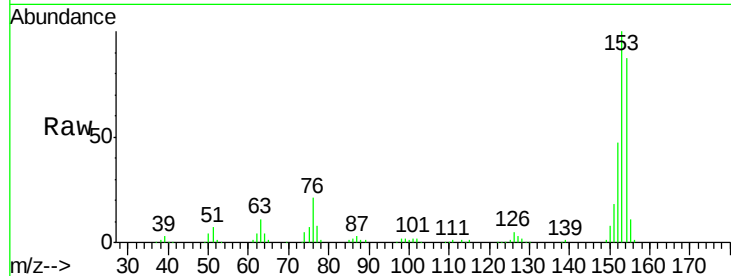
Tot Ion:154 Resp: 200172

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

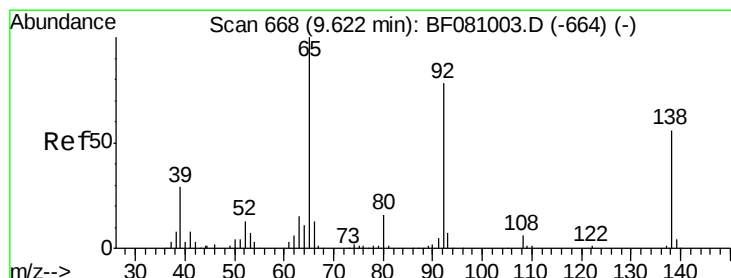
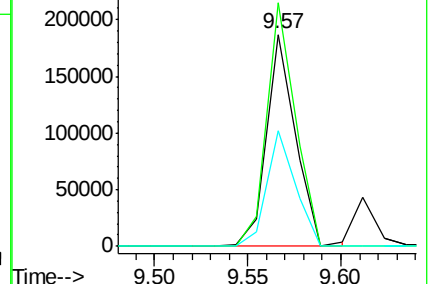
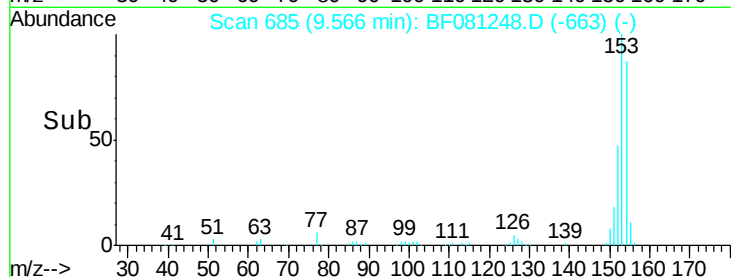
152 54.6 43.7 65.5



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: 23.85 ng

RT: 9.50 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

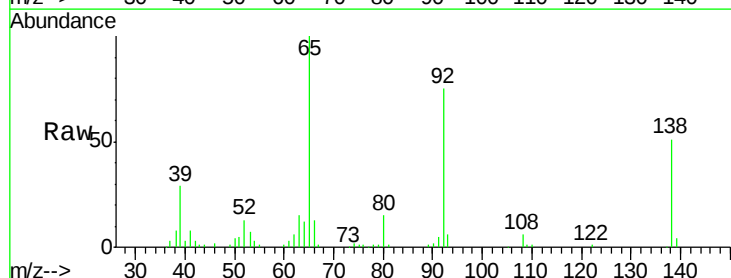
Tgt Ion:138 Resp: 45530

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

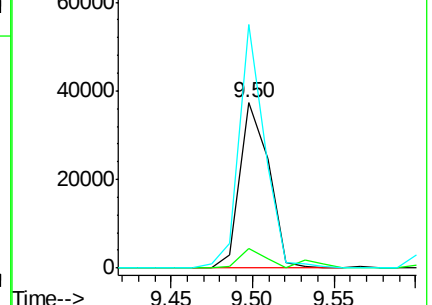
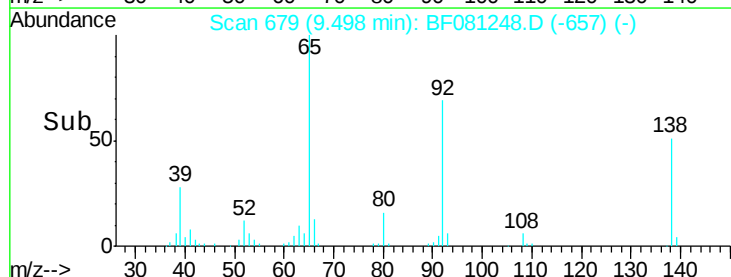
92 147.6 113.2 169.8

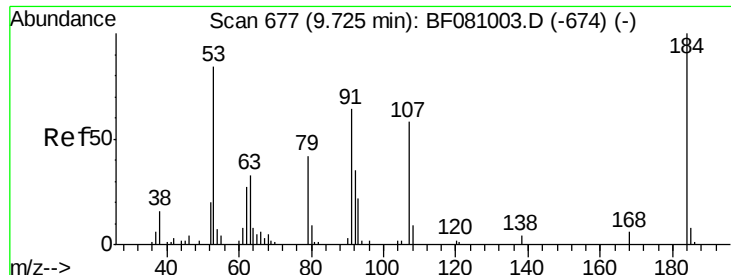


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

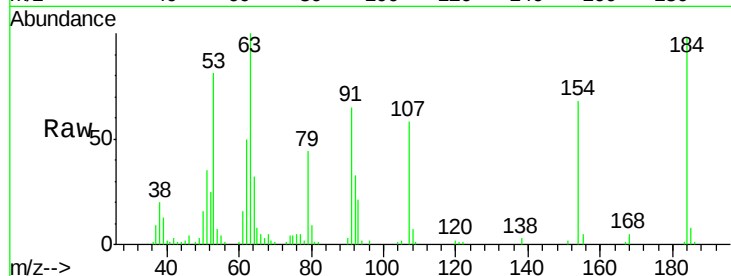




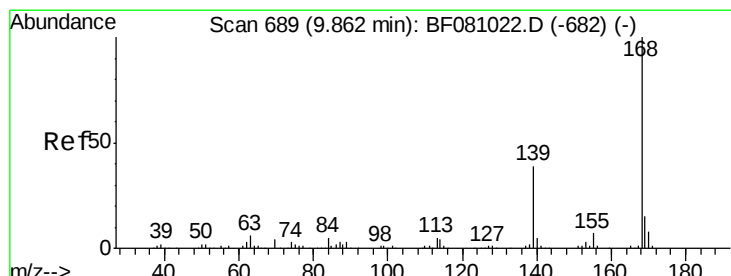
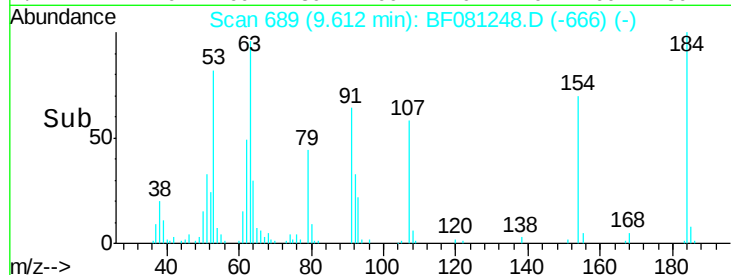
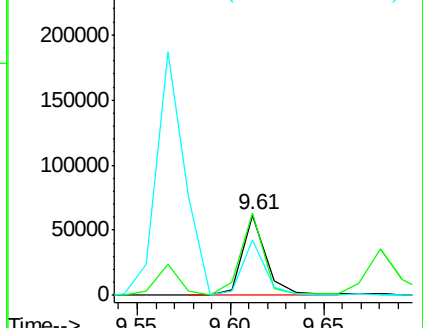
#53
 2,4-Dinitrophenol
 Concen: 67.54 ng
 RT: 9.61 min Scan# 689
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 55394
 Ion Ratio Lower Upper
 184 100
 63 102.3 101.7 152.5
 154 69.6 67.4 101.0

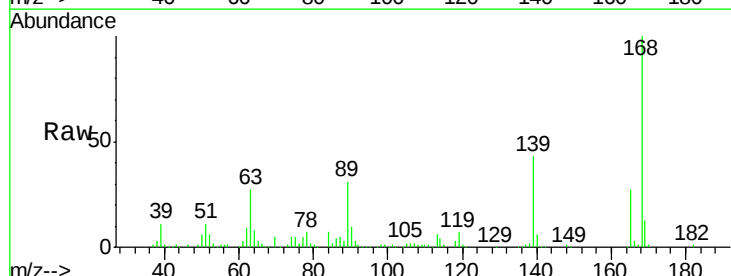


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

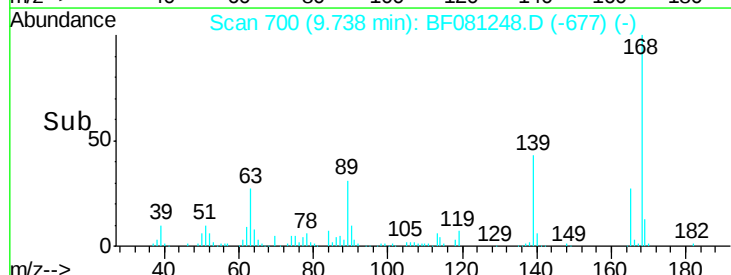
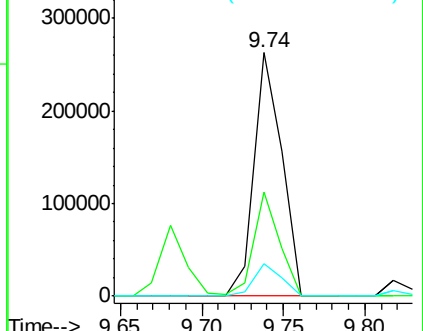


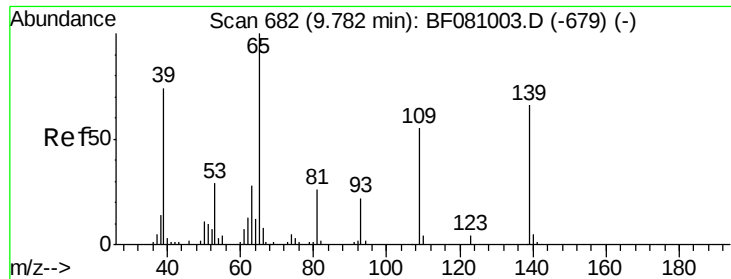
#54
 Dibenzofuran
 Concen: 35.52 ng
 RT: 9.74 min Scan# 700
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:168 Resp: 311170
 Ion Ratio Lower Upper
 168 100
 139 42.6 29.3 43.9
 169 13.4 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

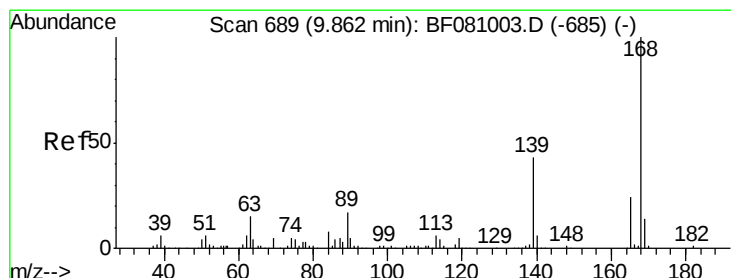
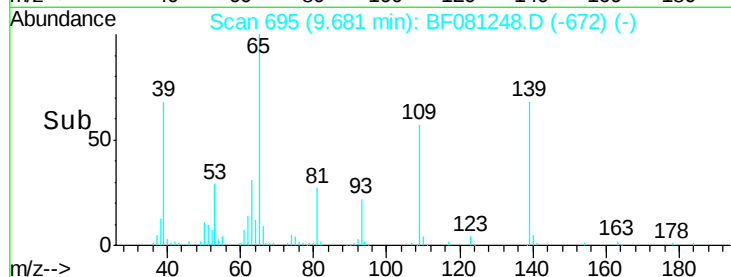
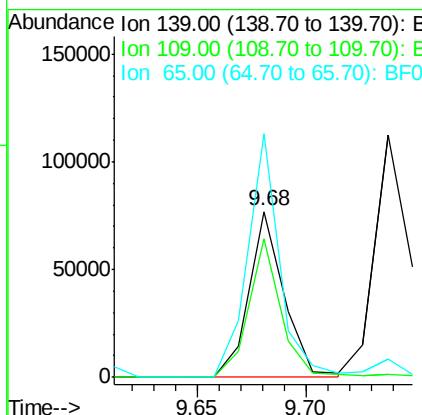
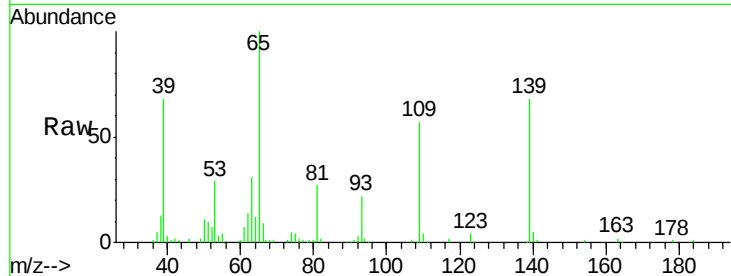




#55
4-Nitrophenol
Concen: 64.66 ng
RT: 9.68 min Scan# 695
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

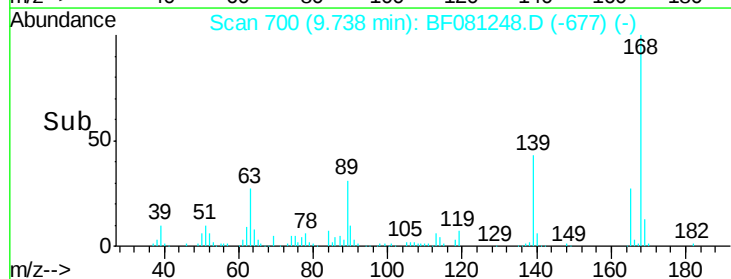
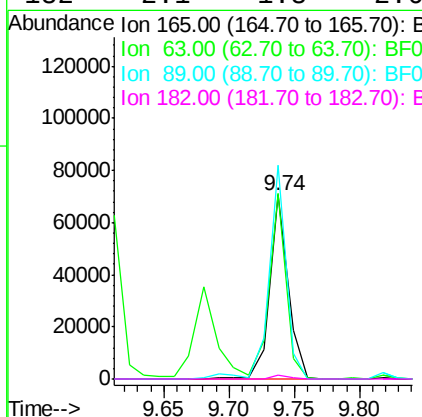
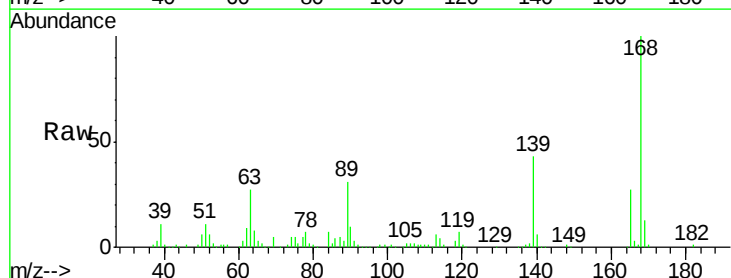
Instrument :
BNA_F
ClientSampleId :

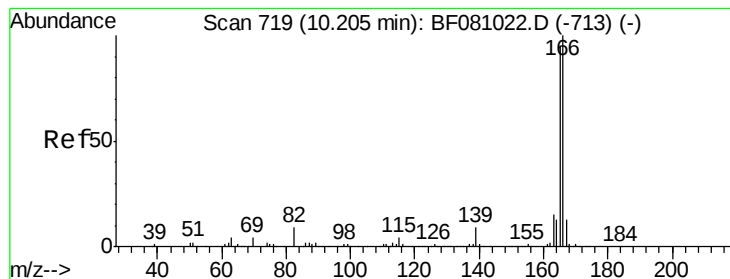
Tot Ion:139 Resp: 86701
Ion Ratio Lower Upper
139 100
109 83.1 80.0 120.0
65 146.5 138.3 178.3



#56
2,4-Dinitrotoluene
Concen: 34.74 ng
RT: 9.74 min Scan# 700
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:165 Resp: 70254
Ion Ratio Lower Upper
165 100
63 100.7 52.2 78.4#
89 115.9 60.1 90.1#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 37.81 ng

RT: 10.08 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

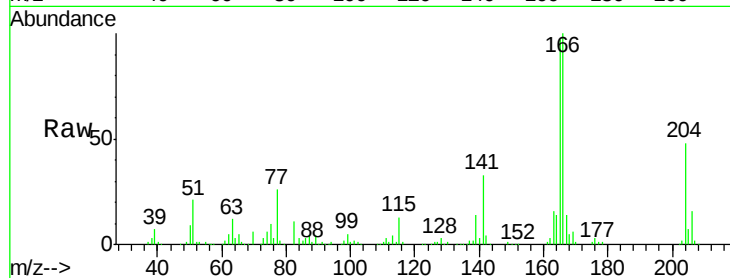
Tot Ion:166 Resp: 254860

Ion Ratio Lower Upper

166 100

165 97.4 75.8 113.8

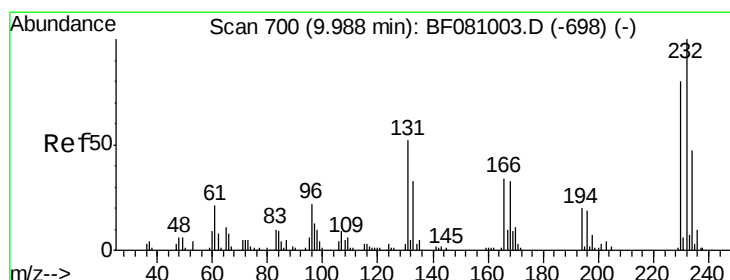
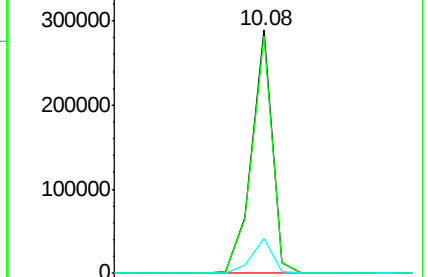
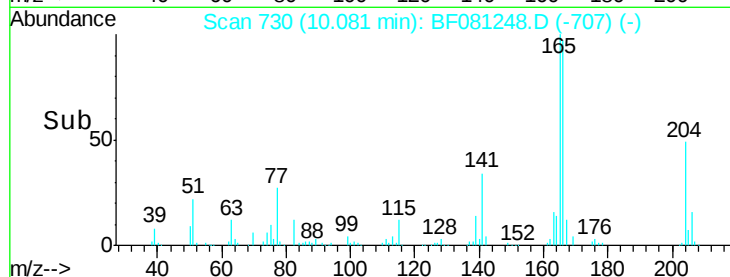
167 14.2 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.81 ng

RT: 9.82 min Scan# 707

Delta R.T. -0.08 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Tgt Ion:232 Resp: 62086

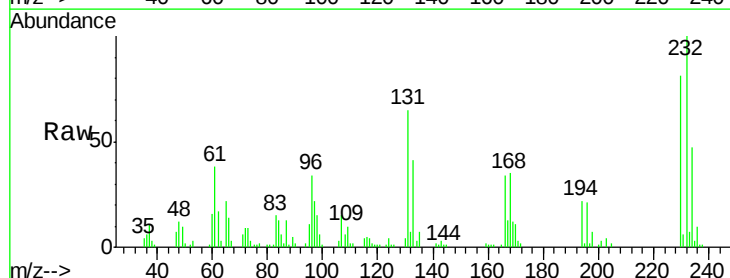
Ion Ratio Lower Upper

232 100

131 48.8 42.2 63.4

130 2.6 2.1 3.1

166 27.0 22.4 33.6

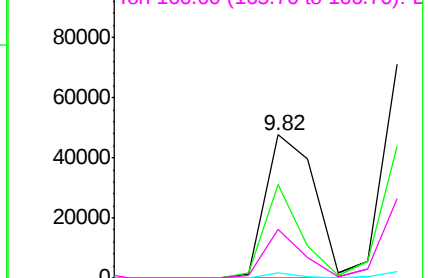
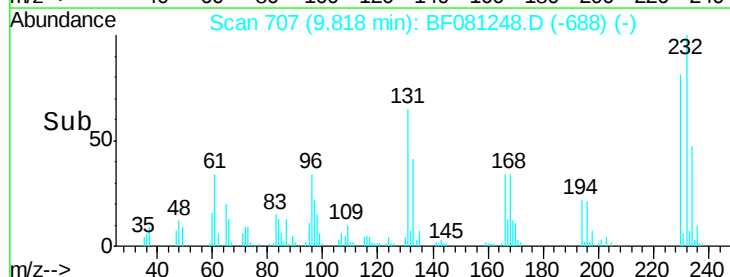


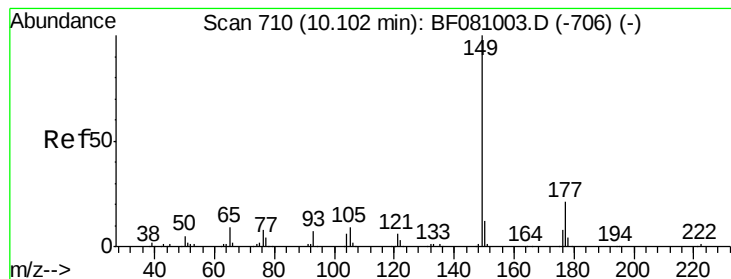
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.03 ng

RT: 9.98 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

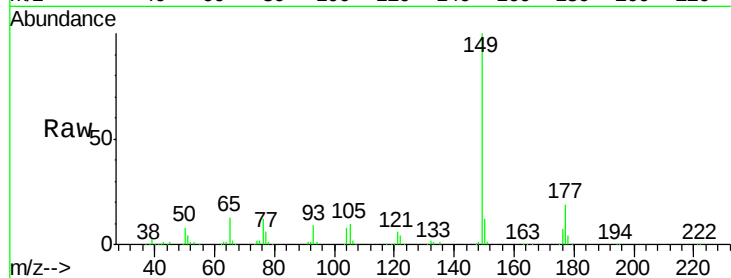
Tot Ion:149 Resp: 293566

Ion Ratio Lower Upper

149 100

177 18.9 14.1 21.1

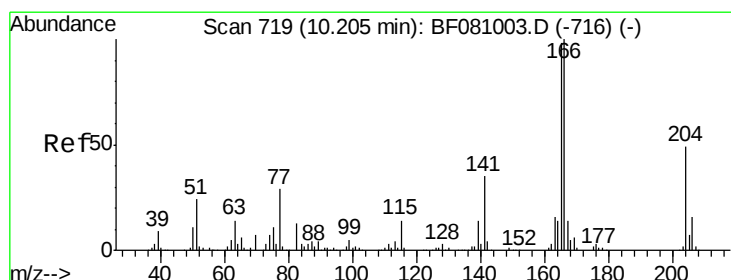
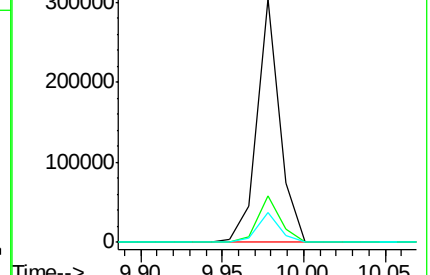
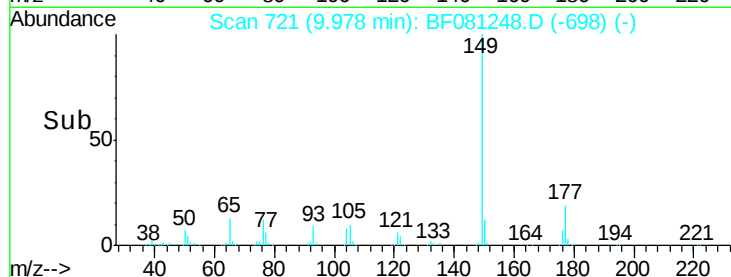
150 12.5 10.3 15.5



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: 40.46 ng

RT: 10.08 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

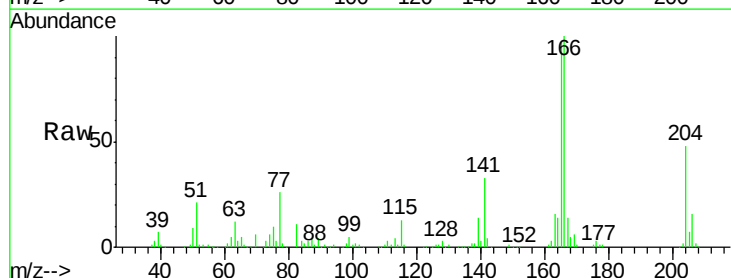
Tgt Ion:204 Resp: 115393

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

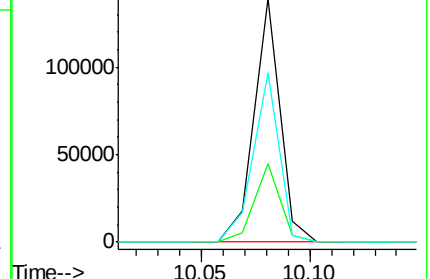
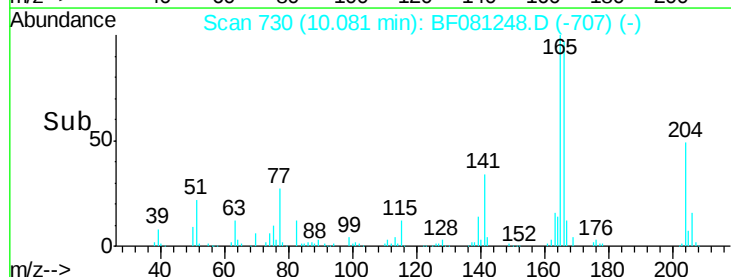
141 69.6 59.6 89.4

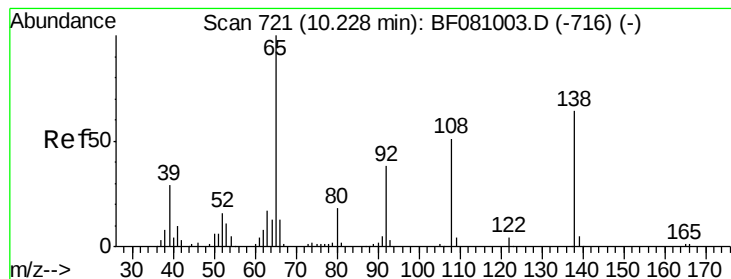


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

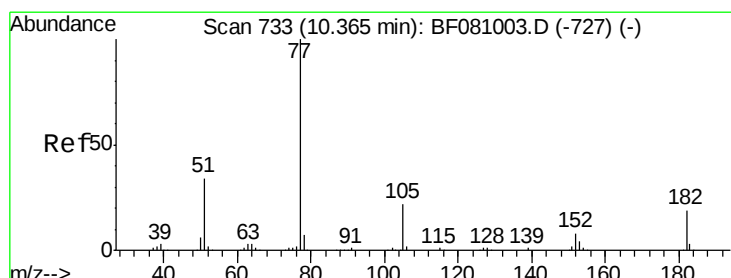
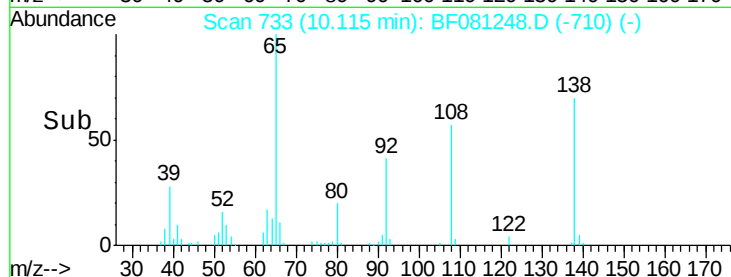
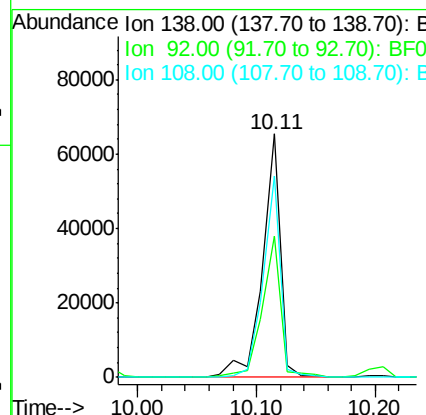
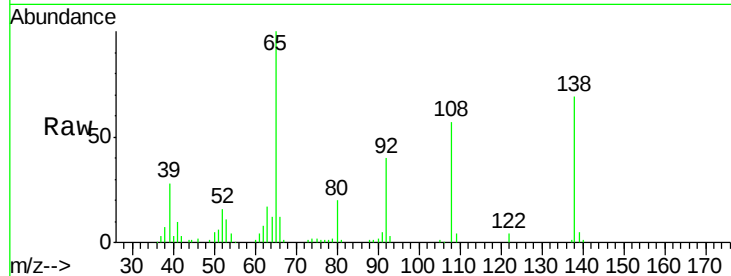




#61
 4-Nitroaniline
 Concen: 35.36 ng
 RT: 10.11 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

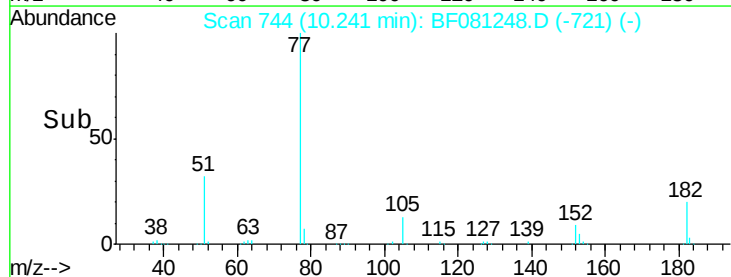
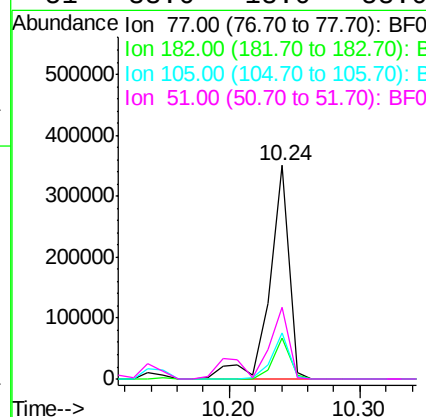
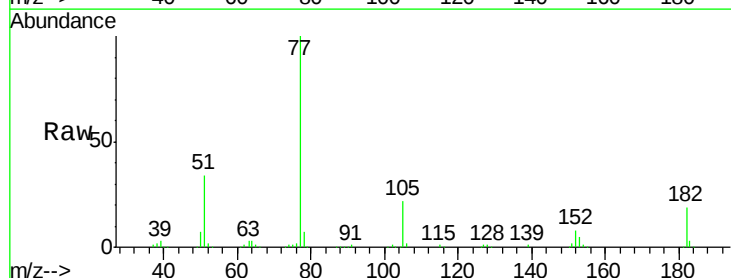
Instrument :
 BNA_F
 ClientSampled :

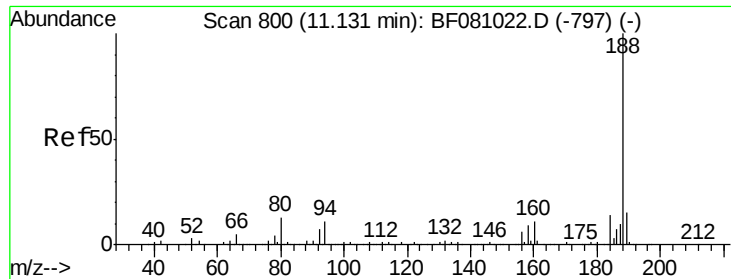
Tot Ion:138 Resp: 68986
 Ion Ratio Lower Upper
 138 100
 92 58.2 34.7 74.7
 108 82.6 68.9 108.9



#62
 Azobenzene
 Concen: 42.73 ng
 RT: 10.24 min Scan# 744
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion: 77 Resp: 370354
 Ion Ratio Lower Upper
 77 100
 182 19.2 0.0 39.0
 105 21.8 0.2 40.2
 51 33.6 18.0 58.0

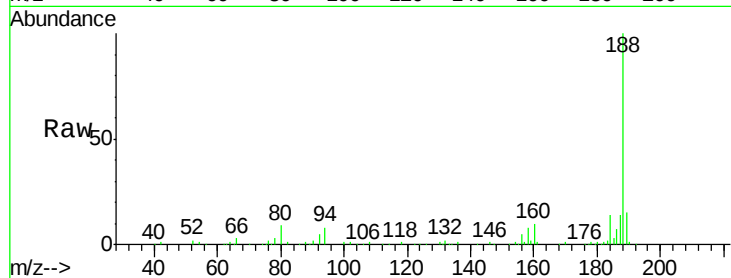




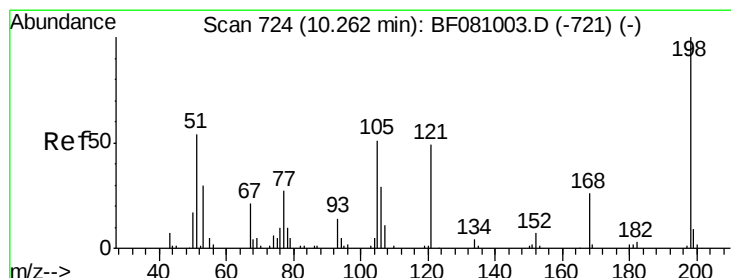
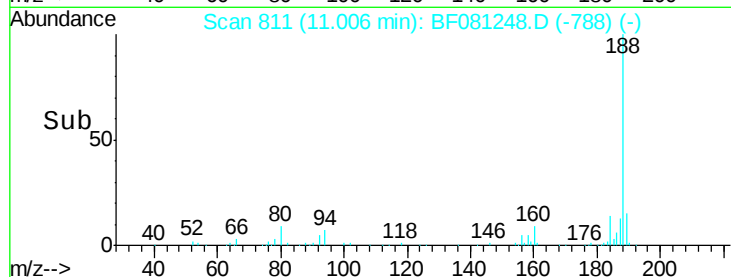
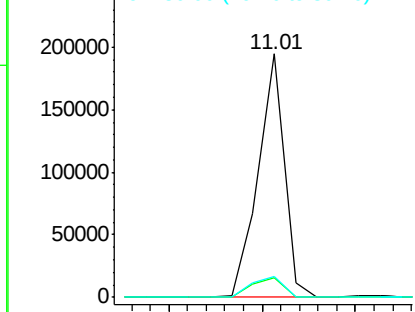
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 188725
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.2 12.2#
 80 8.6 9.5 14.3#

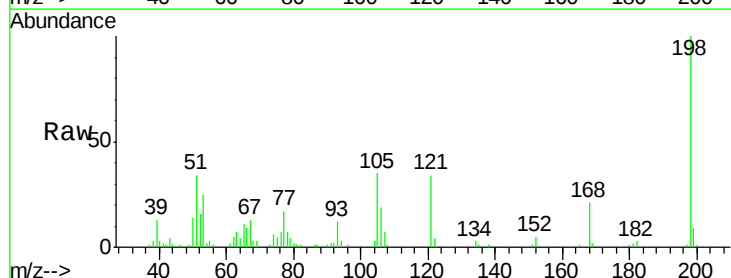


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

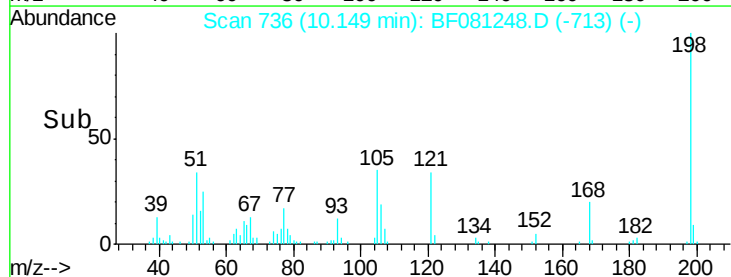
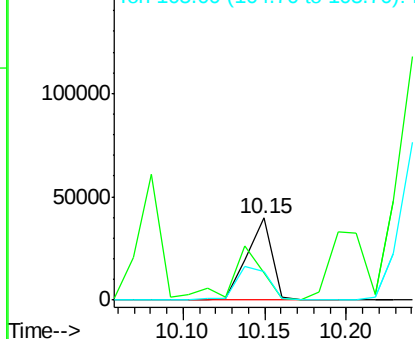


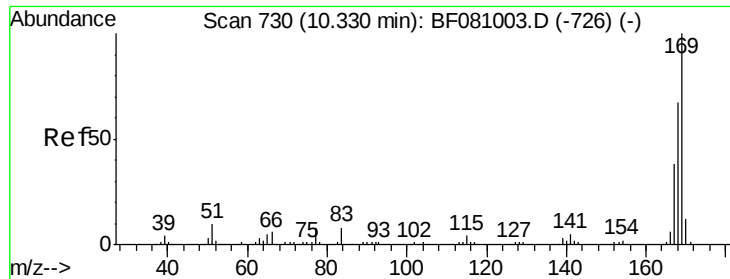
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.80 ng
 RT: 10.15 min Scan# 736
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:198 Resp: 42602
 Ion Ratio Lower Upper
 198 100
 51 33.6 79.7 119.7#
 105 35.2 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

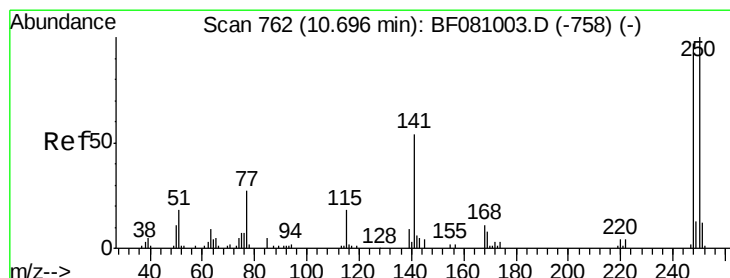
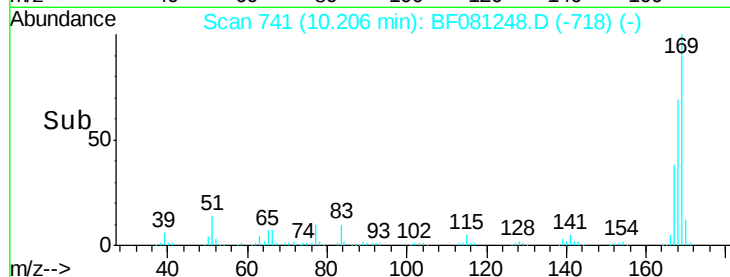
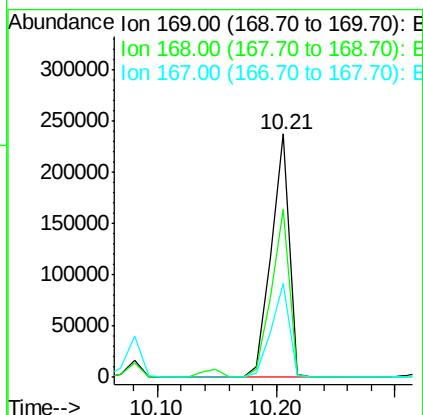
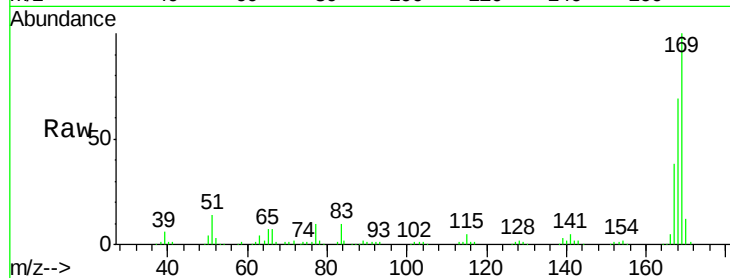




#65
 n-Nitrosodiphenylamine
 Concen: 37.69 ng
 RT: 10.21 min Scan# 741
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

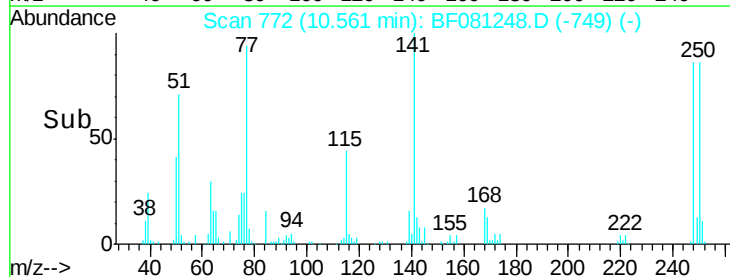
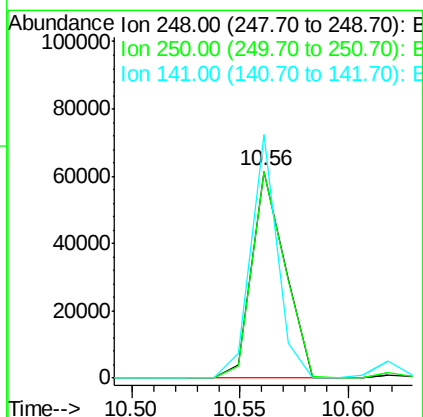
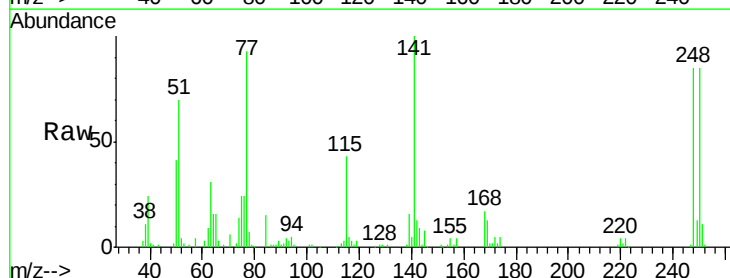
Instrument :
 BNA_F
 ClientSampleId :

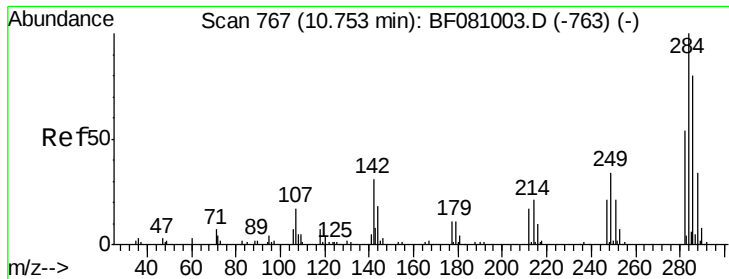
Tot Ion:169 Resp: 253891
 Ion Ratio Lower Upper
 169 100
 168 69.3 55.3 82.9
 167 38.4 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 35.10 ng
 RT: 10.56 min Scan# 772
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:248 Resp: 65078
 Ion Ratio Lower Upper
 248 100
 250 100.0 77.8 116.6
 141 117.7 39.8 59.6#

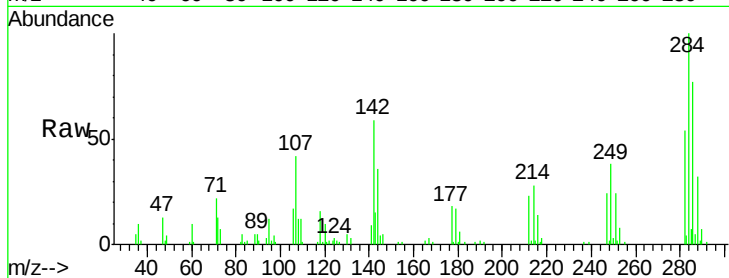




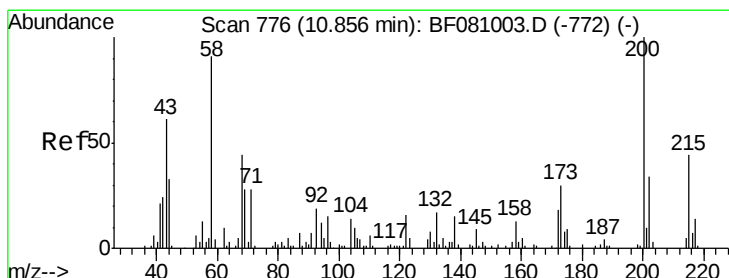
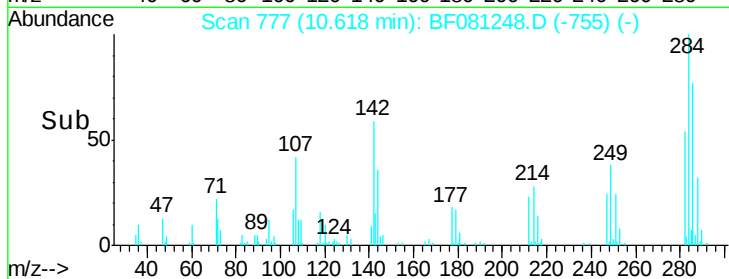
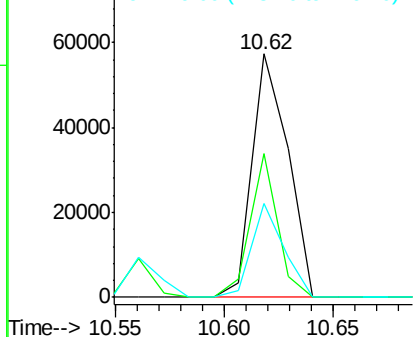
#67
Hexachlorobenzene
Concen: 35.03 ng
RT: 10.62 min Scan# 777
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 65771
Ion Ratio Lower Upper
284 100
142 59.2 25.4 38.0#
249 38.4 28.5 42.7

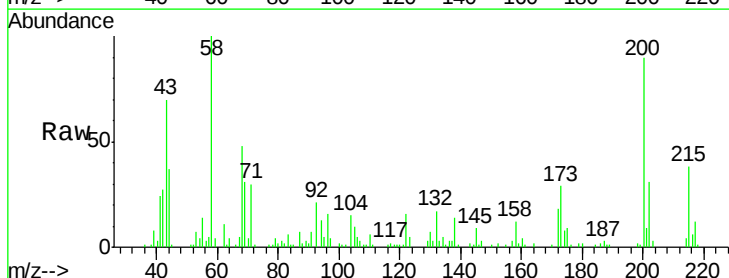


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

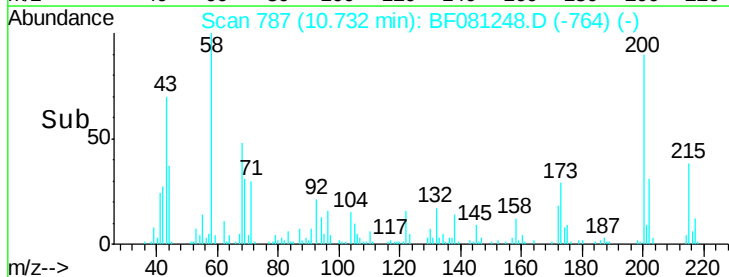
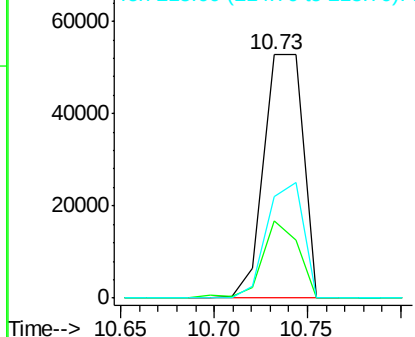


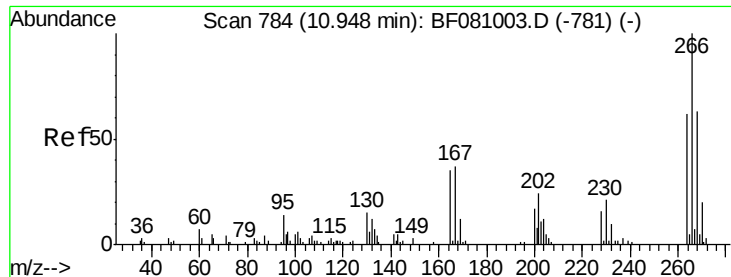
#68
Atrazine
Concen: 41.05 ng
RT: 10.73 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:200 Resp: 77041
Ion Ratio Lower Upper
200 100
173 31.7 8.1 48.1
215 41.7 23.3 63.3



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

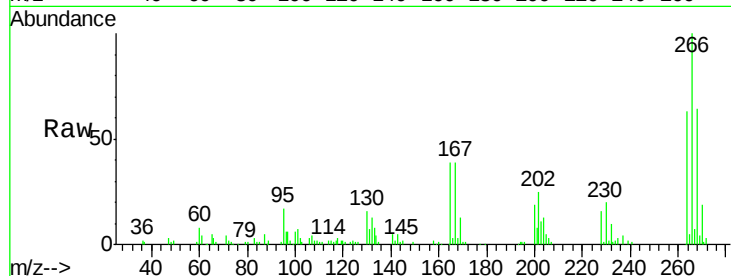




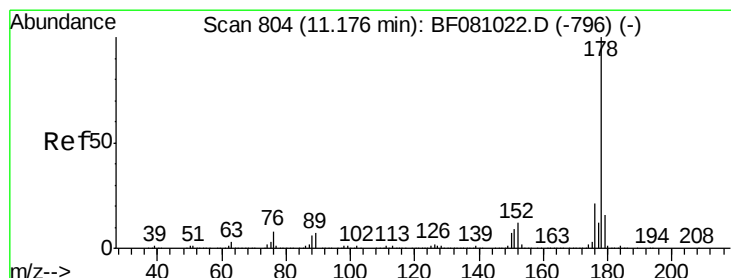
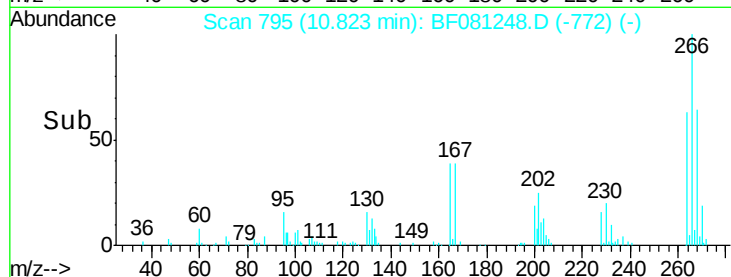
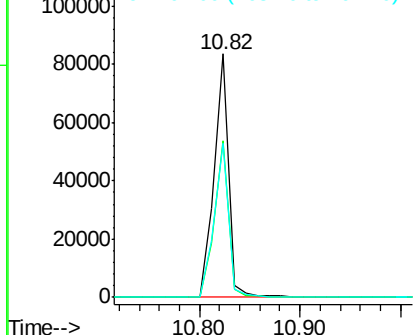
#69
 Pentachlorophenol
 Concen: 74.51 ng
 RT: 10.82 min Scan# 795
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 83940
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.2 76.8
 264 63.1 50.6 75.8

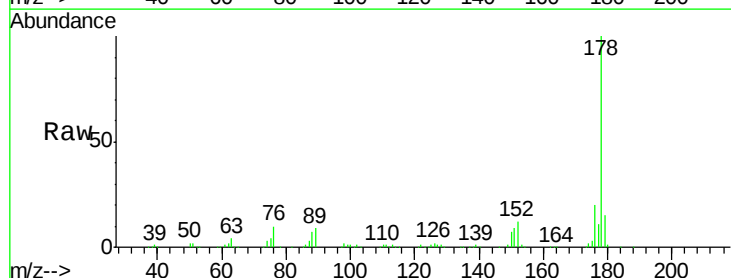


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

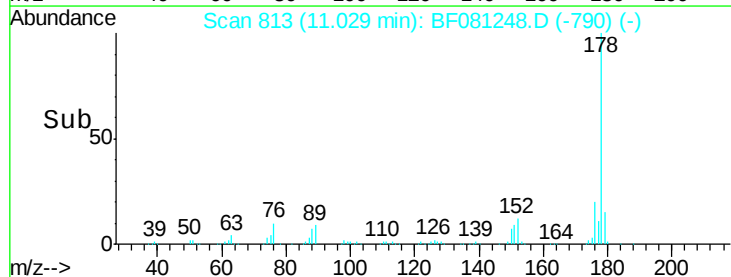
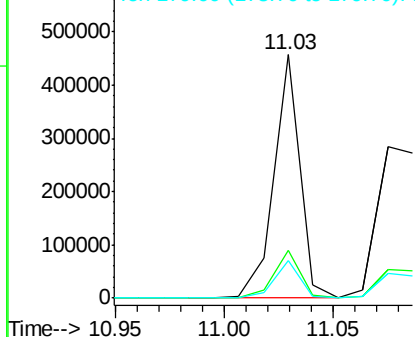


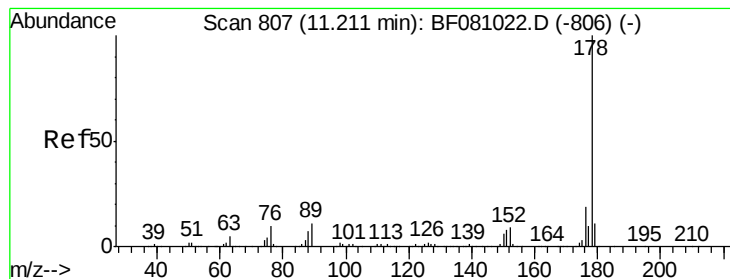
#70
 Phenanthrene
 Concen: 34.52 ng
 RT: 11.03 min Scan# 813
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion:178 Resp: 386062
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.3 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: 36.27 ng

RT: 11.07 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

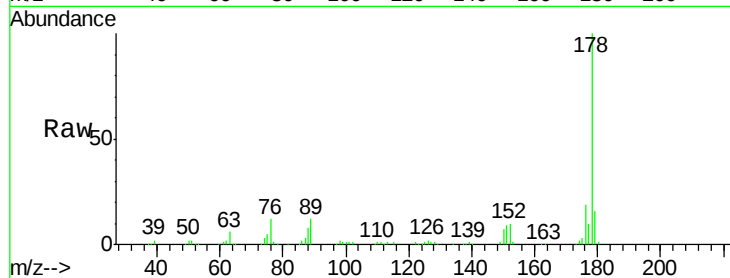
Tot Ion:178 Resp: 394733

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

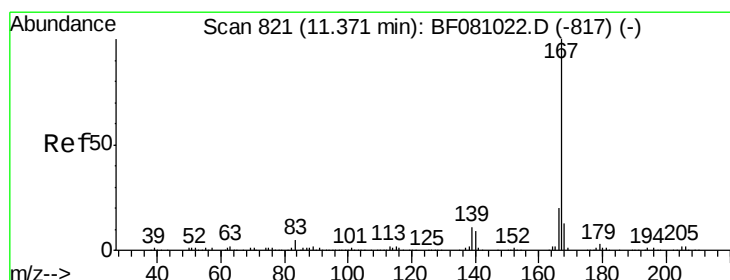
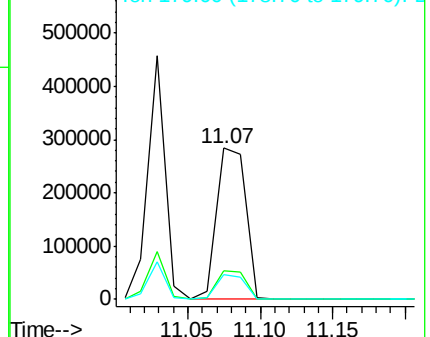
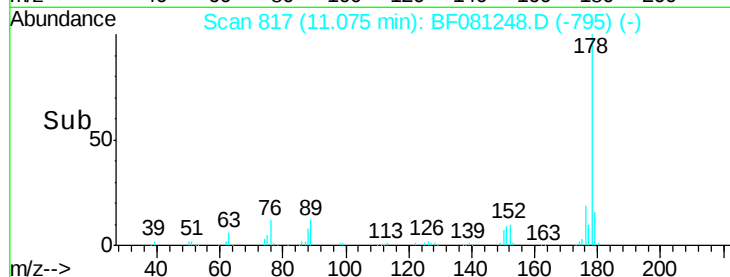
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.48 ng

RT: 11.23 min Scan# 831

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

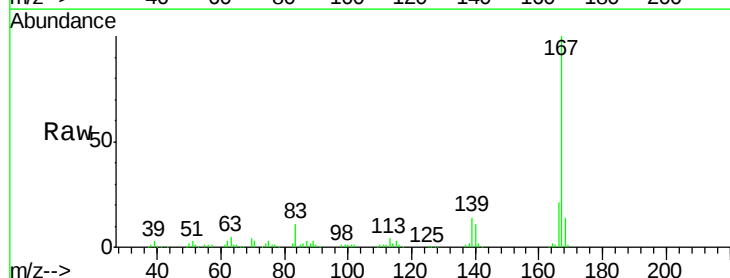
Tgt Ion:167 Resp: 371761

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

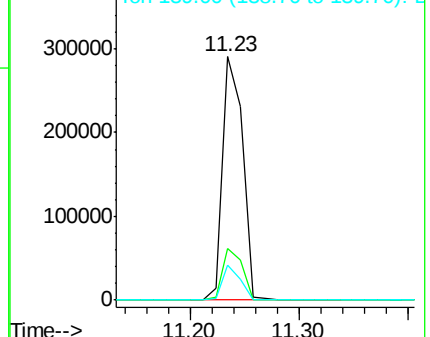
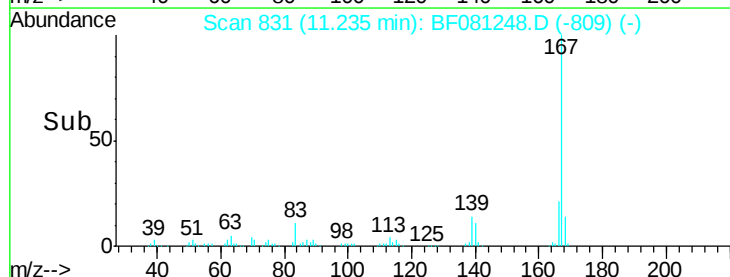
139 14.3 10.6 16.0

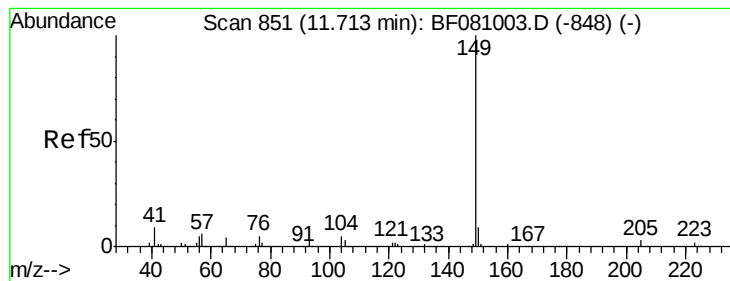


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.87 ng

RT: 11.59 min Scan# 862

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

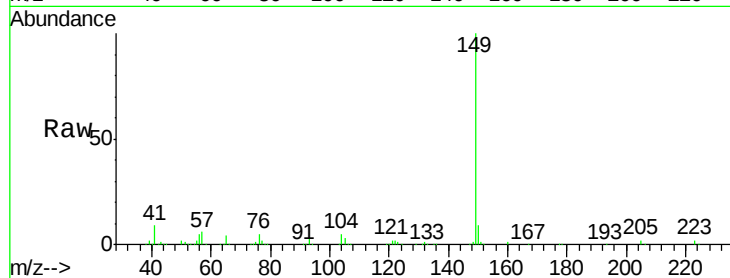
Tot Ion:149 Resp: 518216

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

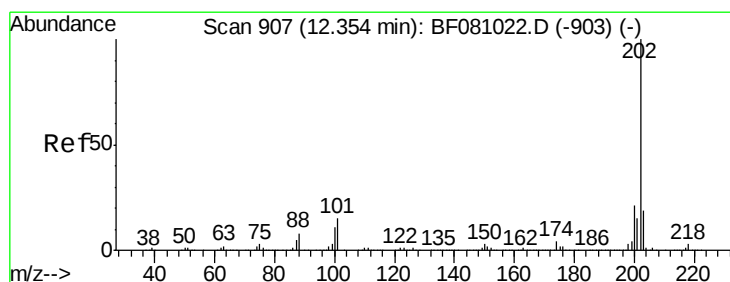
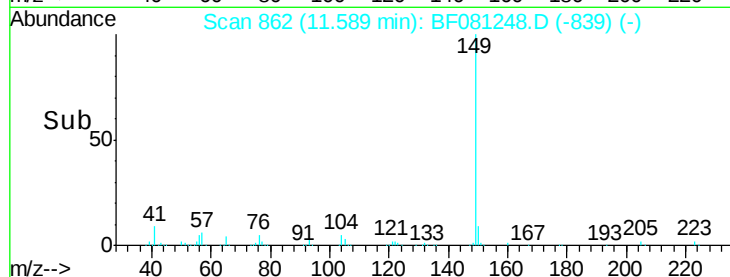
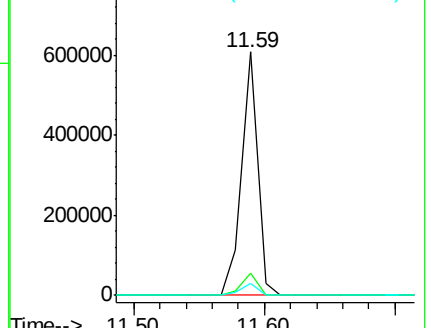
104 5.0 3.9 5.9



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: 38.39 ng

RT: 12.21 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

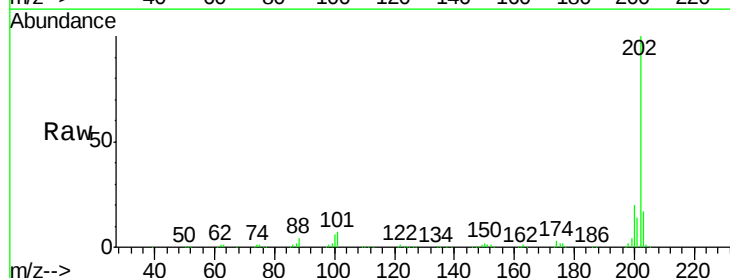
Tgt Ion:202 Resp: 463392

Ion Ratio Lower Upper

202 100

101 7.4 0.0 24.8

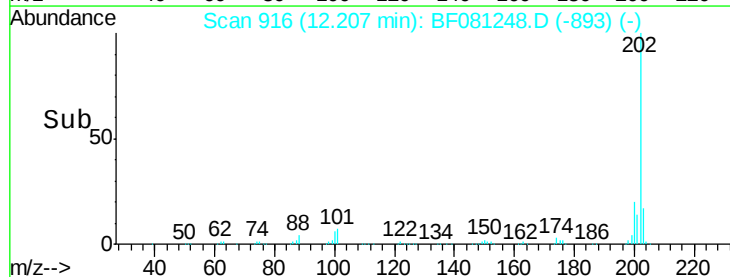
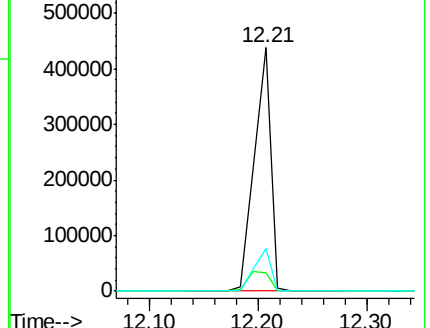
203 17.4 0.0 36.9

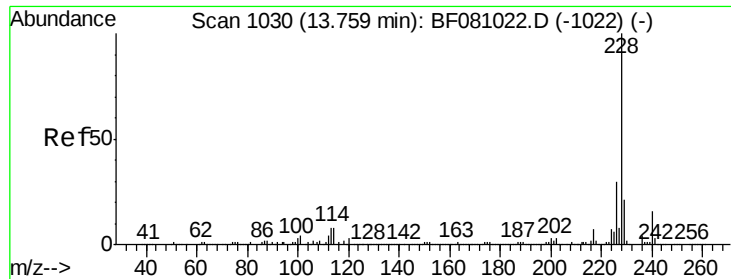


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.61 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampled :

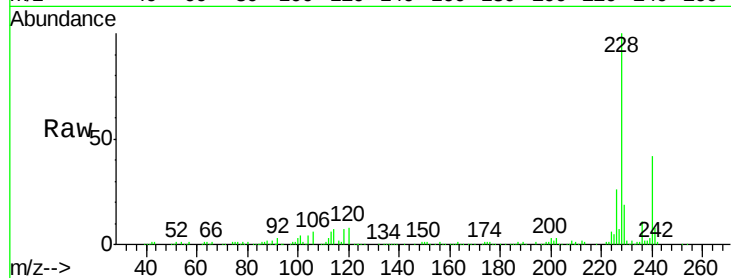
Tot Ion:240 Resp: 133825

Ion Ratio Lower Upper

240 100

120 18.6 5.6 8.4#

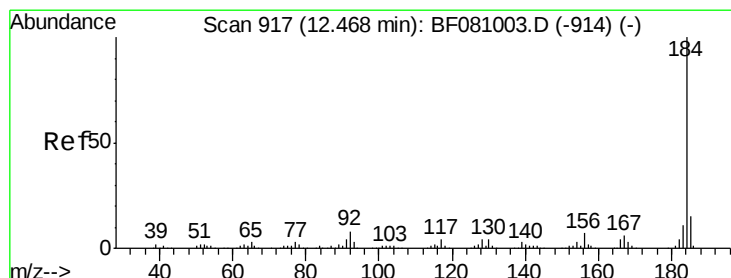
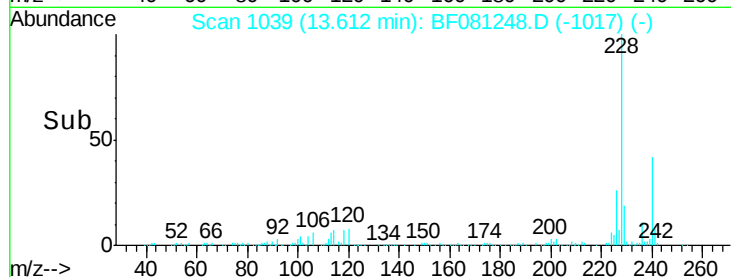
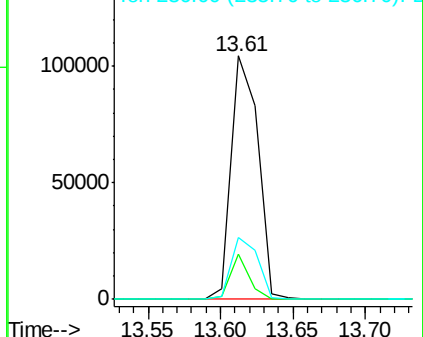
236 25.6 20.6 30.8



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: 36.50 ng

RT: 12.33 min Scan# 927

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

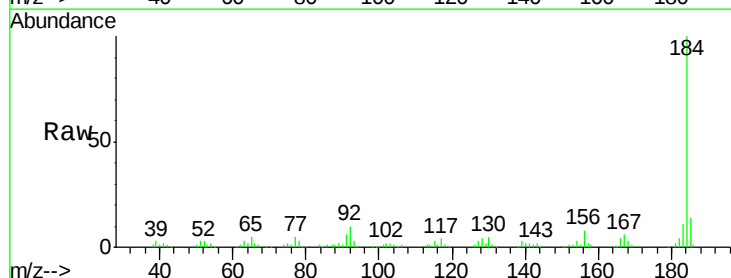
Tgt Ion:184 Resp: 184534

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

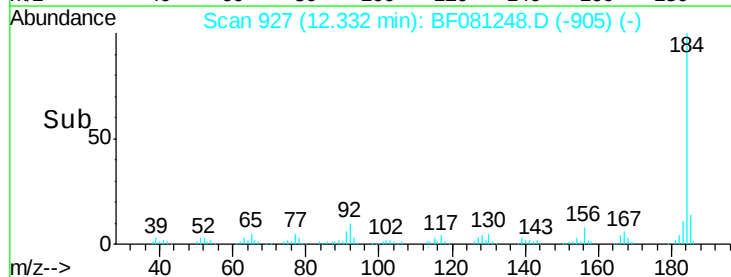
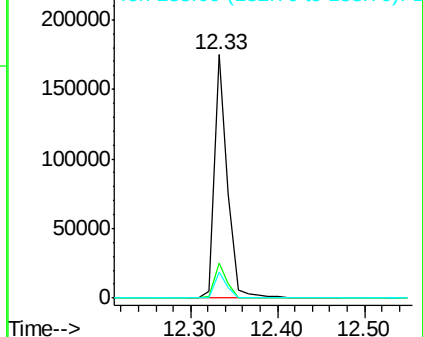
183 10.7 8.9 13.3

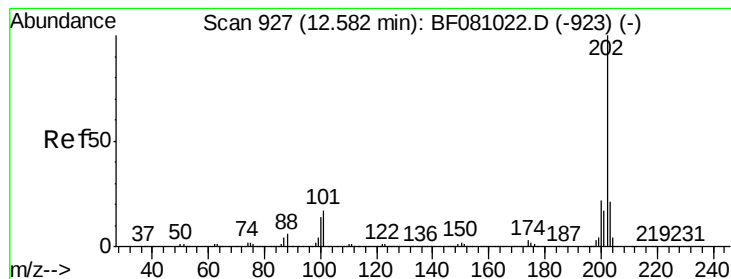


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.54 ng

RT: 12.42 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampled :

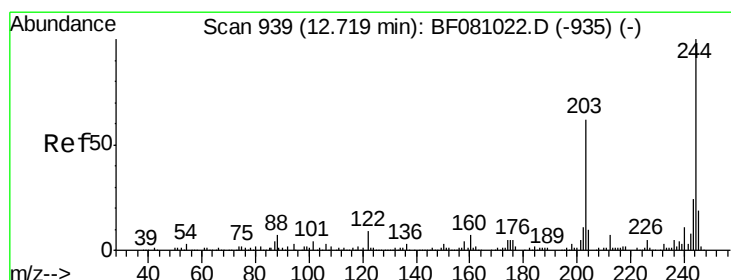
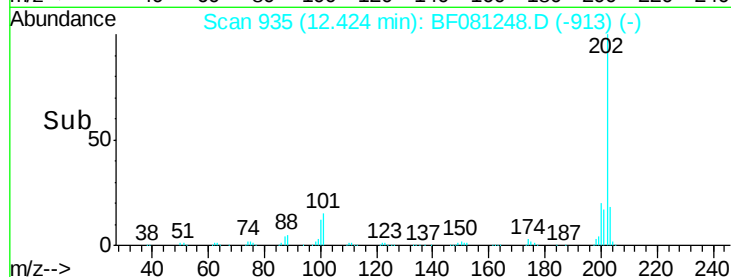
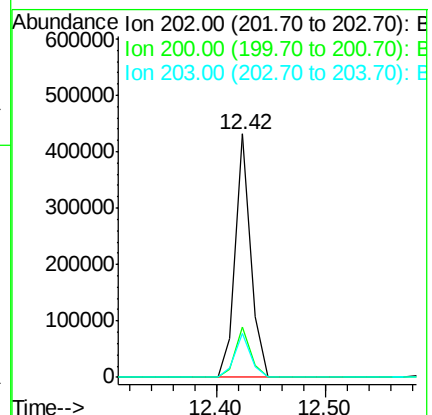
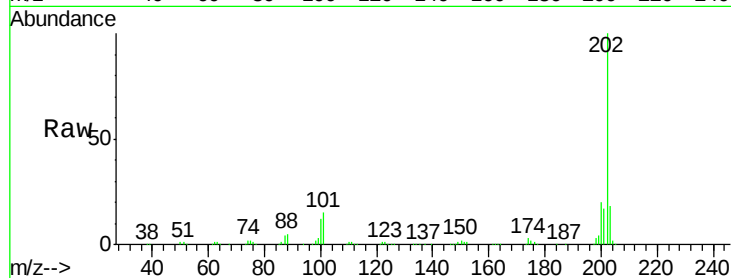
Tot Ion:202 Resp: 419248

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

203 17.8 14.1 21.1



#78

Terphenyl-d14

Concen: 74.26 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

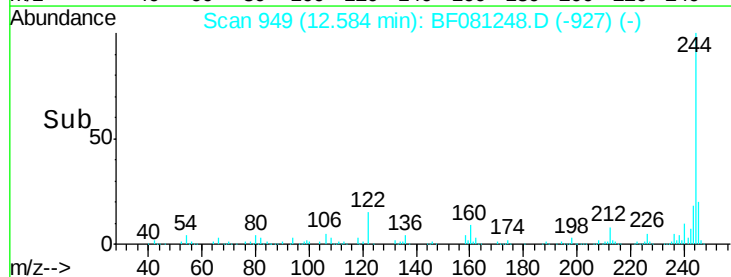
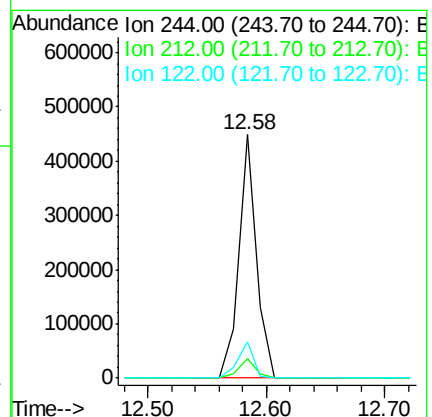
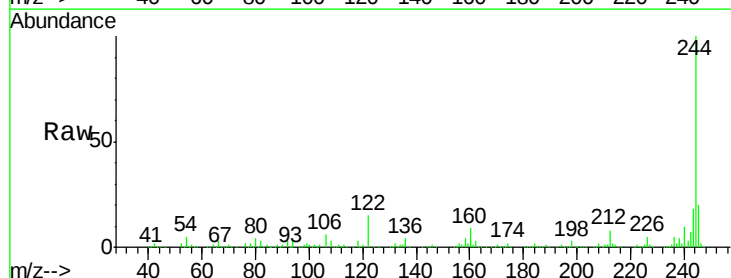
Tgt Ion:244 Resp: 463550

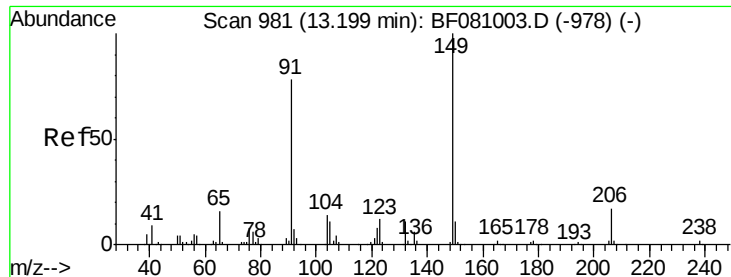
Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

122 15.1 8.2 12.4#

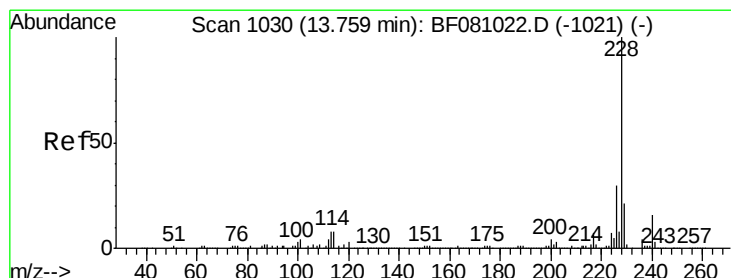
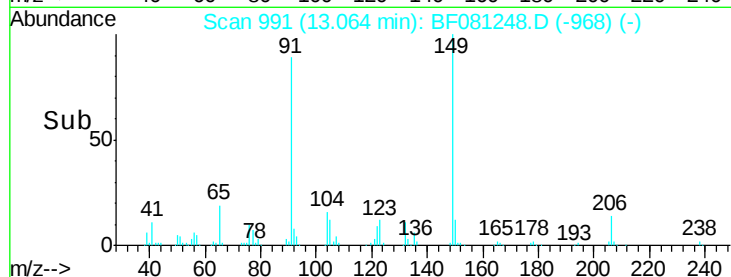
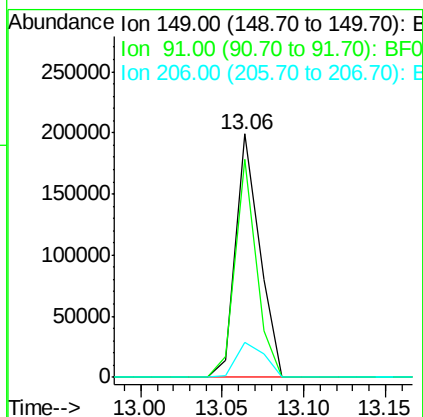
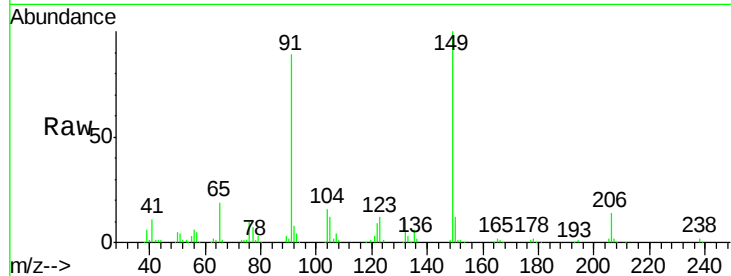




#79
Butylbenzylphthalate
Concen: 43.17 ng
RT: 13.06 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

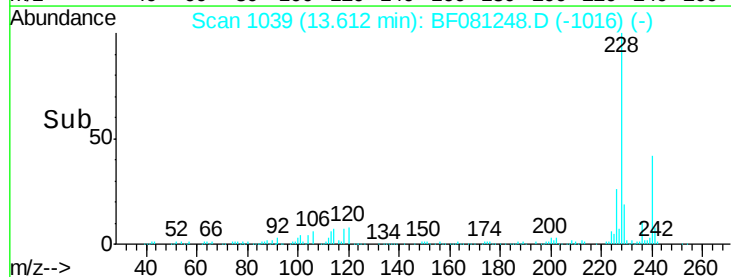
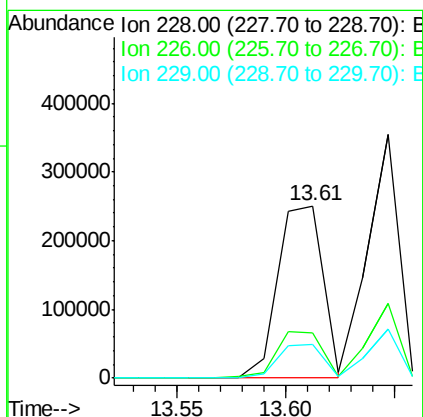
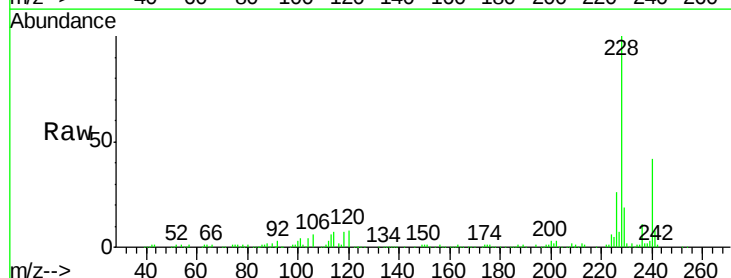
Instrument :
BNA_F
ClientSampled :

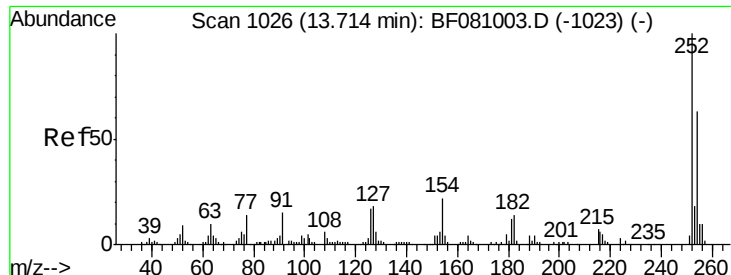
Tot Ion:149 Resp: 201858
Ion Ratio Lower Upper
149 100
91 89.3 46.9 70.3#
206 14.4 17.0 25.4#



#80
Benzo(a)anthracene
Concen: 40.54 ng
RT: 13.61 min Scan# 1039
Delta R.T. -0.04 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:228 Resp: 363876
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.4 15.9 23.9

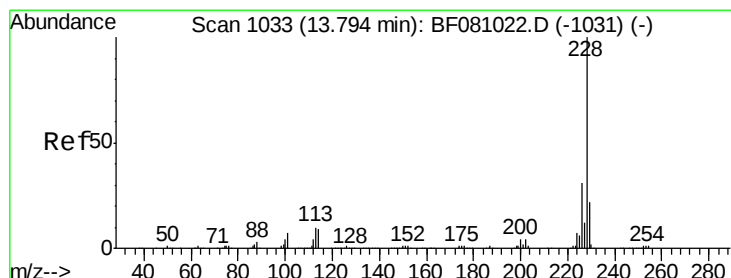
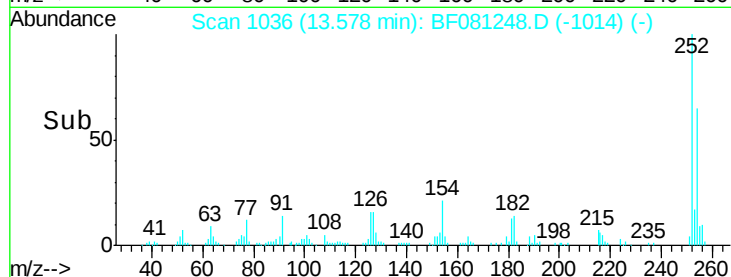
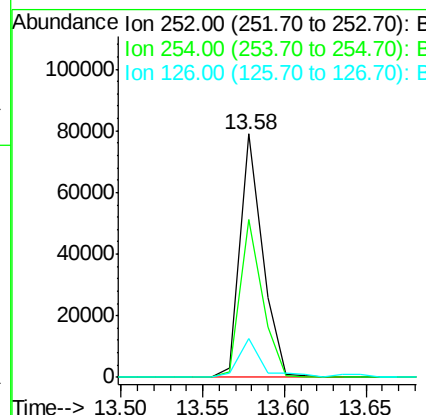
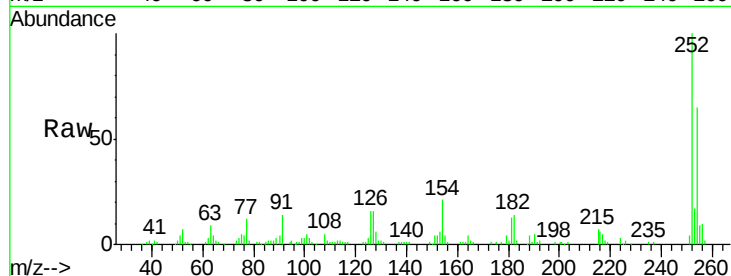




#81
 3,3'-Dichlorobenzidine
 Concen: 25.81 ng
 RT: 13.58 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

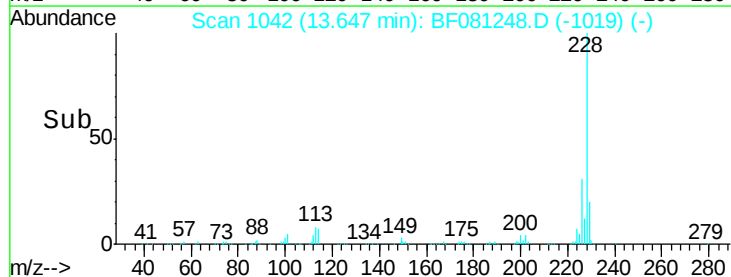
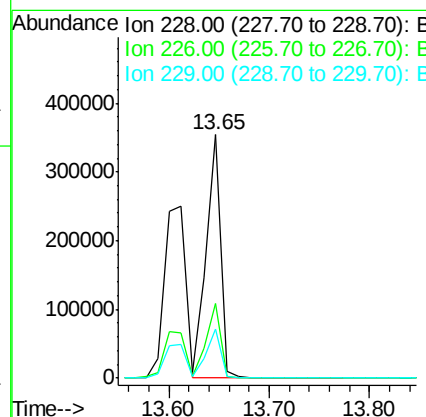
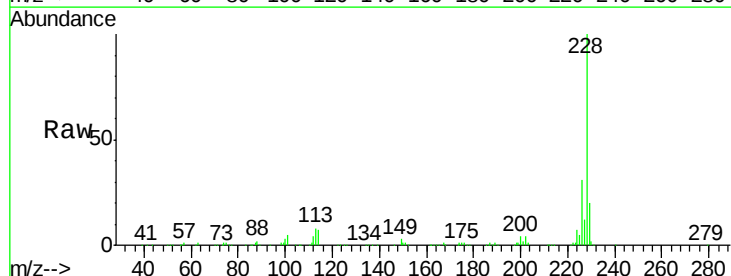
Instrument :
 BNA_F
 ClientSampled :

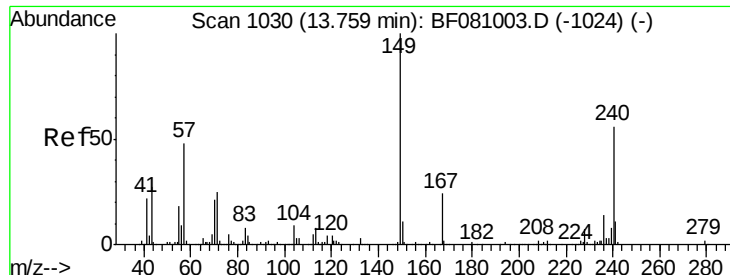
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	16.0	12.5	18.7



#82
 Chrysene
 Concen: 43.84 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. -0.04 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.75 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

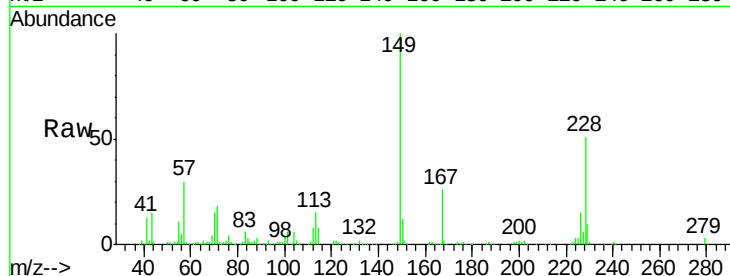
Tot Ion:149 Resp: 298008

Ion Ratio Lower Upper

149 100

167 26.2 20.7 31.1

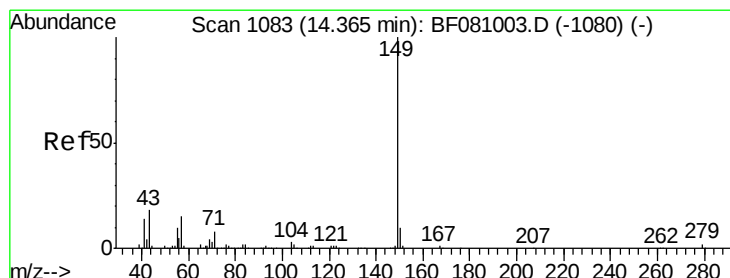
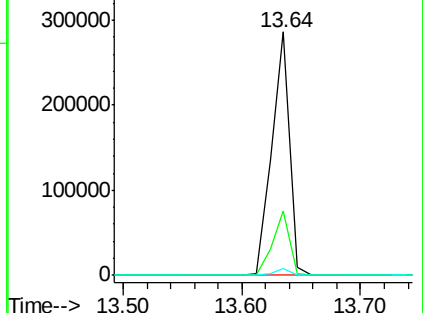
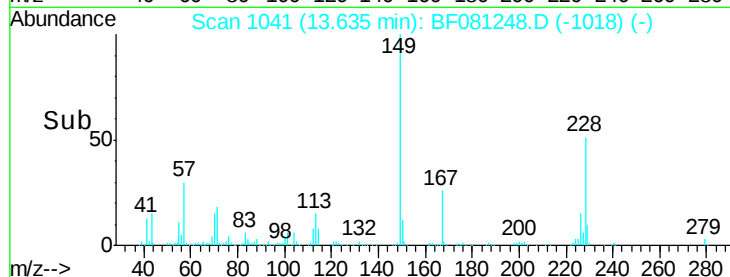
279 2.8 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.87 ng

RT: 14.24 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BF081248.D

Acq: 27 Aug 2015 16:02

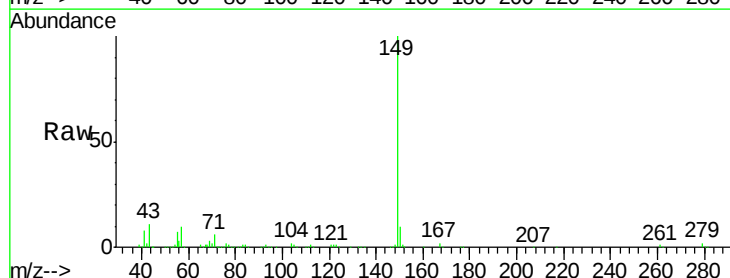
Tgt Ion:149 Resp: 499545

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

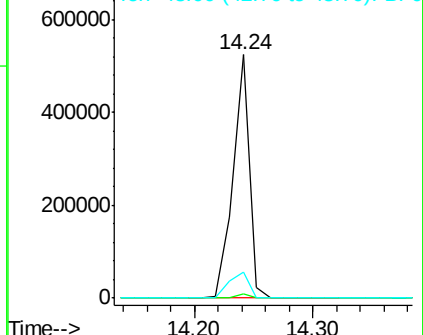
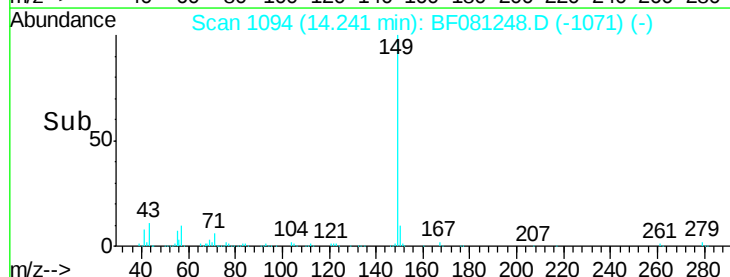
43 13.4 11.6 17.4

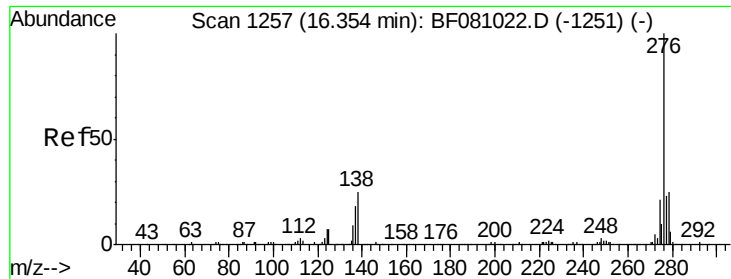


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

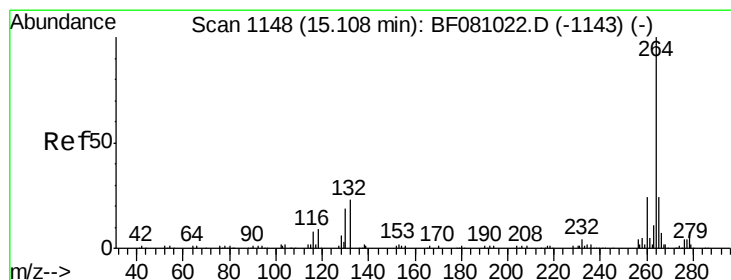
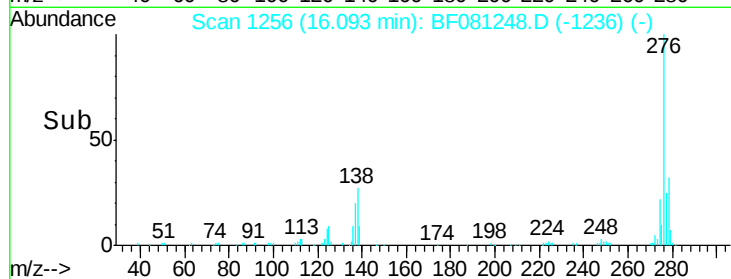
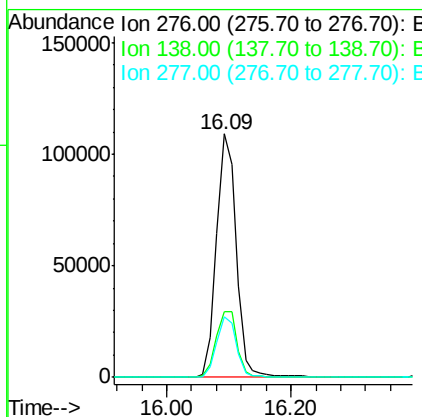
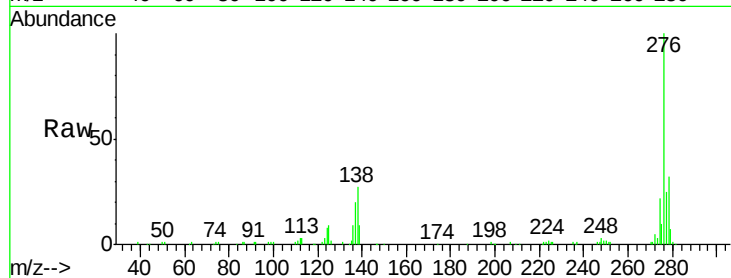




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.08 ng
 RT: 16.09 min Scan# 1256
 Delta R.T. -0.07 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

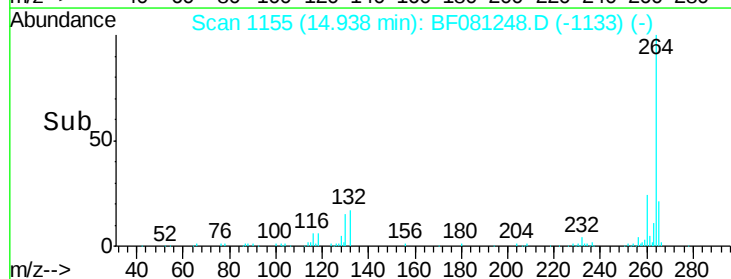
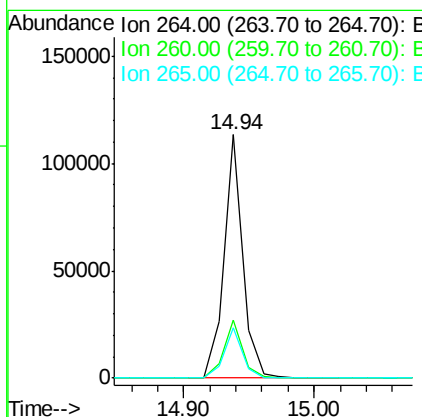
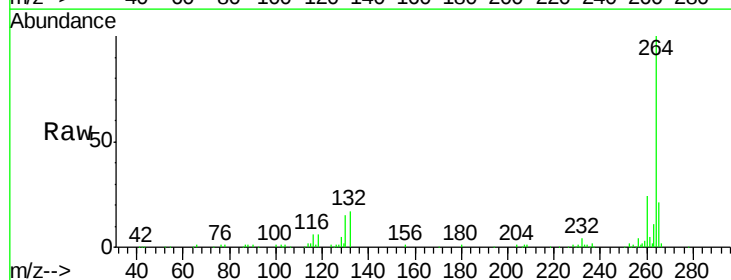
Instrument :
 BNA_F
 ClientSampled :

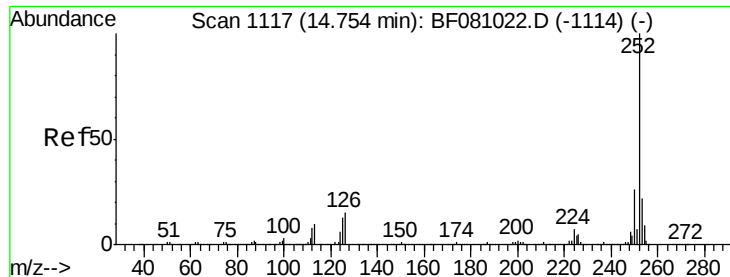
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.8	17.5	26.3

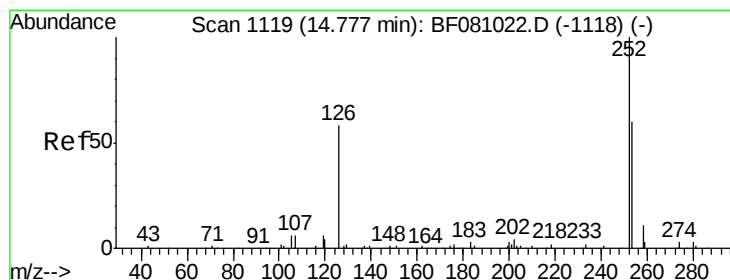
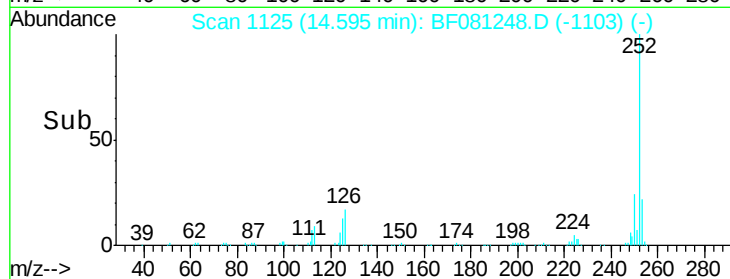
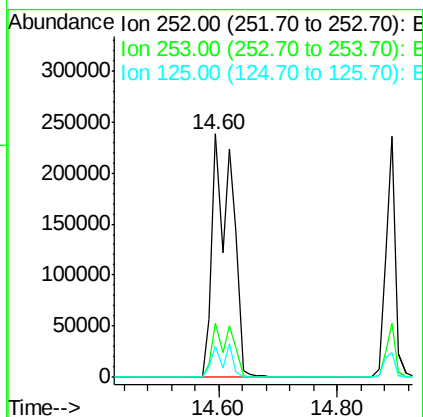
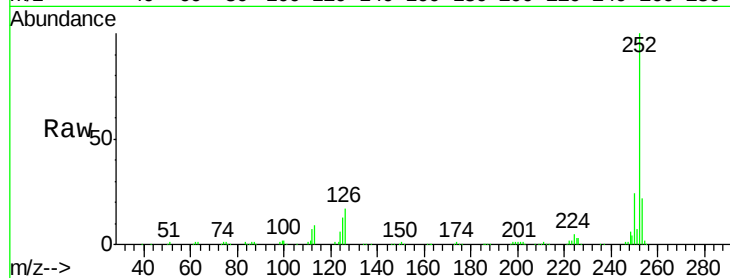




#87
Benzo(b)fluoranthene
Concen: 68.10 ng
RT: 14.60 min Scan# 1125
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

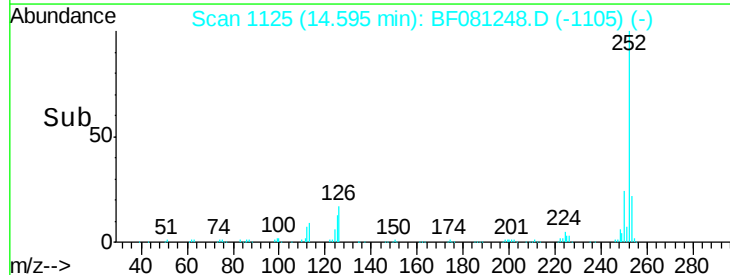
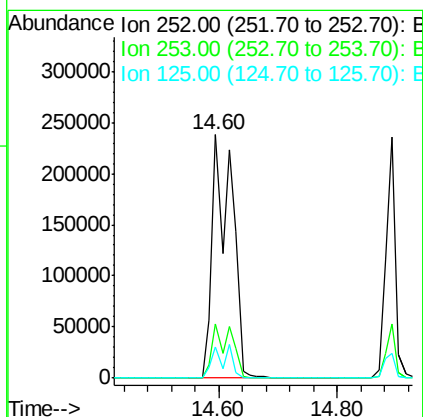
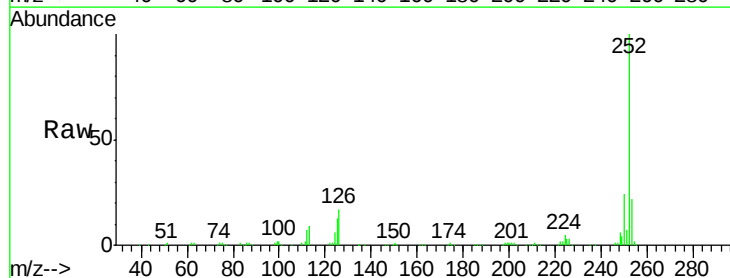
Instrument :
BNA_F
ClientSampleId :

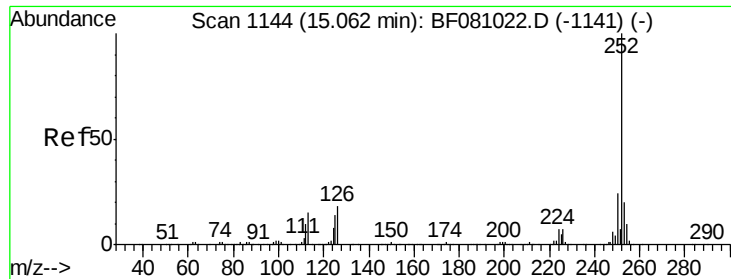
Tot Ion:252 Resp: 548833
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 12.7 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 73.08 ng
RT: 14.60 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:252 Resp: 548833
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 12.7 10.3 15.5

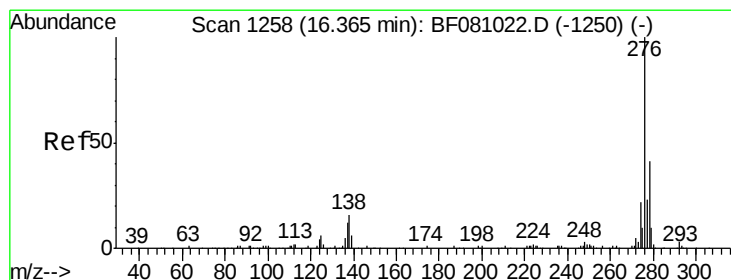
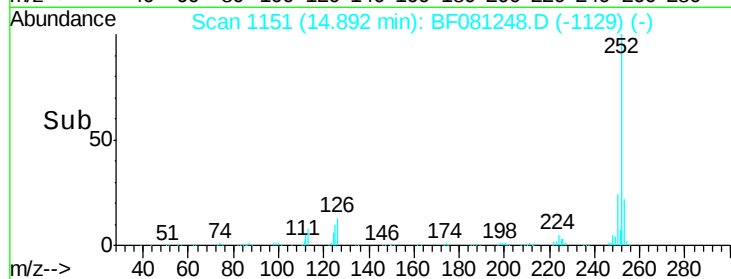
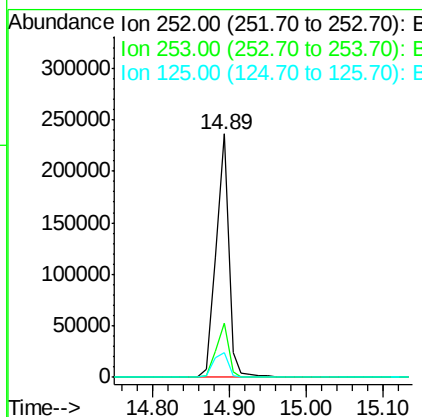
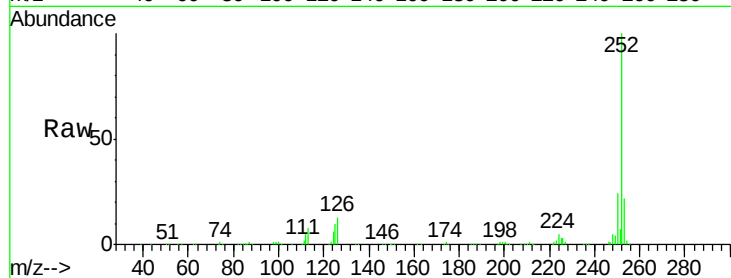




#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 14.89 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

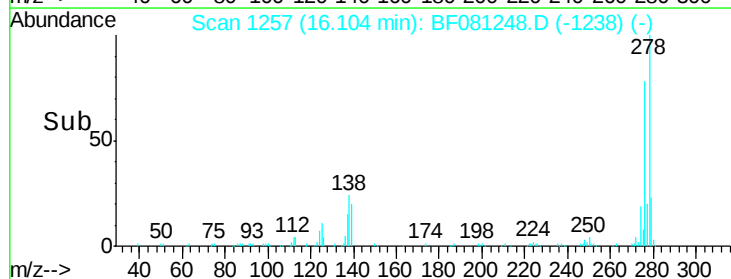
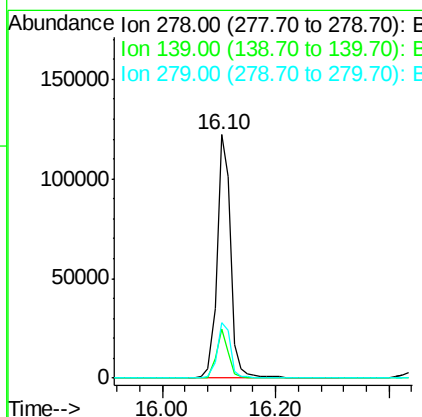
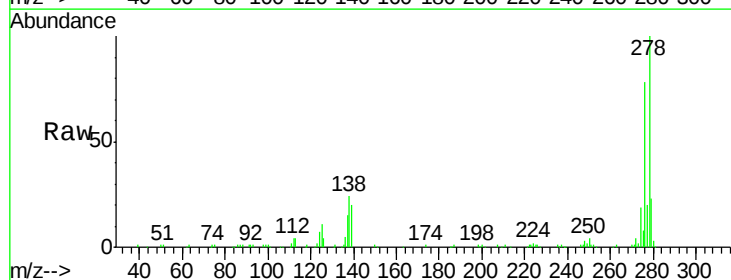
Instrument :
BNA_F
ClientSampleId :

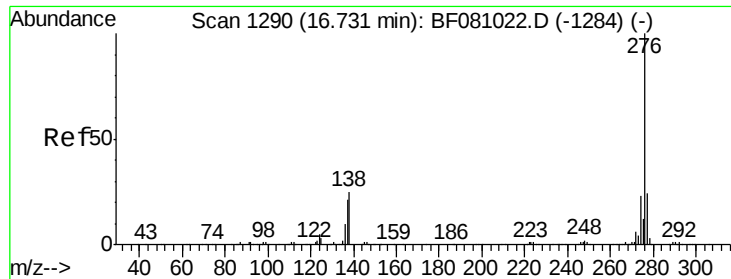
Tot Ion:252 Resp: 270806
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 10.0 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 36.91 ng
RT: 16.10 min Scan# 1257
Delta R.T. -0.08 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:278 Resp: 201943
Ion Ratio Lower Upper
278 100
139 20.2 10.8 16.2#
279 22.7 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 35.80 ng
 RT: 16.44 min Scan# 1286
 Delta R.T. -0.08 min
 Lab File: BF081248.D
 Acq: 27 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.2	27.2
138	26.8	13.7	20.5

