

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081523.D
 Acq On : 8 Sep 2015 15:31
 Operator : UM/IZ
 Sample : PB85437BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 18:24:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 16:11:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	47990	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	184424	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	93015	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	194870	20.00	ng	0.00
75) Chrysene-d12	13.45	240	161303	20.00	ng	0.00
86) Perylene-d12	14.75	264	99166	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	224321	72.52	ng	0.02
7) Phenol-d6	6.02	99	322342	78.73	ng	0.00
23) Nitrobenzene-d5	6.92	82	266755	69.79	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	57001	68.82	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	469502	64.68	ng	0.00
78) Terphenyl-d14	12.42	244	441832	63.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.75	88	40841	29.40	ng	# 79
3) Pyridine	2.27	79	130065	33.95	ng	# 75
4) n-Nitrosodimethylamine	2.24	42	80539	37.85	ng	# 67
6) Aniline	6.01	93	139648	24.15	ng	# 81
8) 2-Chlorophenol	6.14	128	123770	36.31	ng	# 96
9) Benzaldehyde	5.88	77	71472	27.86	ng	# 83
10) Phenol	6.03	94	191331	40.30	ng	# 60
11) bis(2-Chloroethyl)ether	6.10	93	133692	39.03	ng	# 94
12) 1,3-Dichlorobenzene	6.28	146	131451	36.10	ng	# 93
13) 1,4-Dichlorobenzene	6.36	146	137194	37.00	ng	# 89
14) 1,2-Dichlorobenzene	6.28	146	131451	39.37	ng	# 95
15) Benzyl Alcohol	6.51	79	119243	35.50	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.65	45	260406	39.66	ng	# 12
17) 2-Methylphenol	6.65	107	103731	38.14	ng	# 76
18) Hexachloroethane	6.86	117	52370	36.30	ng	# 90
19) n-Nitroso-di-n-propylamine	6.79	70	95811	34.38	ng	# 89
20) 3+4-Methylphenols	6.81	107	138815	37.86	ng	# 88
22) Acetophenone	6.78	105	185706	36.87	ng	# 76
24) Nitrobenzene	6.95	77	160524	40.44	ng	# 68
25) Isophorone	7.19	82	260838	36.69	ng	# 82
26) 2-Nitrophenol	7.27	139	66307	38.32	ng	# 55
27) 2,4-Dimethylphenol	7.34	122	107540	35.99	ng	# 85
28) bis(2-Chloroethoxy)methane	7.42	93	150931	36.75	ng	# 90
29) 2,4-Dichlorophenol	7.52	162	99680	38.47	ng	# 98
30) 1,2,4-Trichlorobenzene	7.59	180	108272	38.46	ng	# 98
31) Naphthalene	7.66	128	346523	35.23	ng	# 98
32) Benzoic acid	7.47	122	47354	23.56	ng	# 61
33) 4-Chloroaniline	7.72	127	76603	19.09	ng	# 83
34) Hexachlorobutadiene	7.78	225	63762	37.22	ng	# 97
35) Caprolactam	8.10	113	18071	22.74	ng	# 16
36) 4-Chloro-3-methylphenol	8.24	107	121036	41.73	ng	# 84
37) 2-Methylnaphthalene	8.35	142	256520	40.08	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	95779	32.56	ng	# 98
40) Hexachlorocyclopentadiene	8.50	237	99678	69.05	ng	# 95

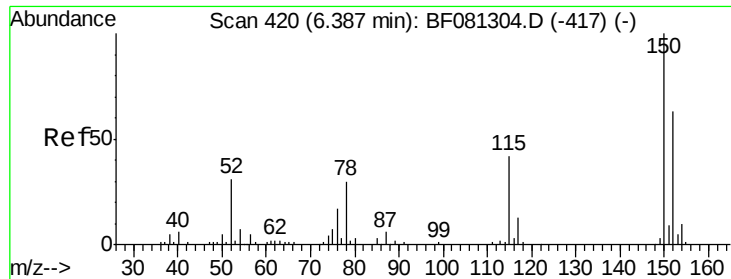
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081523.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	68553	33.77	nq	99
43) 2,4,5-Trichlorophenol	8.68	196	78765	38.03	nq	# 91
45) 1,1'-Biphenyl	8.82	154	277132	32.38	nq	95
46) 2-Chloronaphthalene	8.83	162	225538	36.50	nq	# 91
47) 2-Nitroaniline	8.95	65	93294	37.04	nq	# 78
48) Acenaphthylene	9.23	152	358521	32.70	nq	97
49) Dimethylphthalate	9.13	163	251166	34.75	nq	# 97
50) 2,6-Dinitrotoluene	9.19	165	50005	30.49	nq	# 5
51) Acenaphthene	9.42	154	213329	34.20	nq	92
52) 3-Nitroaniline	9.35	138	37941	20.32	nq	# 29
53) 2,4-Dinitrophenol	9.47	184	50935	73.73	nq	# 76
54) Dibenzofuran	9.59	168	322447	35.41	nq	92
55) 4-Nitrophenol	9.55	139	92595	78.93	nq	# 33
56) 2,4-Dinitrotoluene	9.59	165	69087	33.08	nq	# 18
57) Fluorene	9.92	166	247933	35.87	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.71	232	66142	41.83	nq	96
59) Diethylphthalate	9.83	149	281436	37.02	nq	96
60) 4-Chlorophenyl-phenylether	9.93	204	118387	36.75	nq	92
61) 4-Nitroaniline	9.96	138	65833	34.90	nq	# 29
62) Azobenzene	10.08	77	312195	36.94	nq	81
64) 4,6-Dinitro-2-methylphenol	10.00	198	36962	33.91	nq	84
65) n-Nitrosodiphenylamine	10.04	169	215227	30.35	nq	91
66) 4-Bromophenyl-phenylether	10.41	248	71857	36.47	nq	# 85
67) Hexachlorobenzene	10.47	284	69619	33.79	nq	# 75
68) Atrazine	10.58	200	67718	33.00	nq	81
69) Pentachlorophenol	10.66	266	66274	67.60	nq	99
70) Phenanthrene	10.87	178	401398	37.05	nq	96
71) Anthracene	10.91	178	356799	32.06	nq	98
72) Carbazole	11.08	167	390125	37.35	nq	97
73) Di-n-butylphthalate	11.44	149	489127	39.66	nq	# 99
74) Fluoranthene	12.03	202	387303	33.02	nq	92
76) Benzidine	12.18	184	199645	28.83	nq	97
77) Pyrene	12.26	202	456804	38.23	nq	98
79) Butylbenzylphthalate	12.91	149	194243	37.38	nq	93
80) Benzo(a)anthracene	13.44	228	354146	34.48	nq	98
81) 3,3'-Dichlorobenzidine	13.42	252	56378	16.27	nq	# 96
82) Chrysene	13.47	228	262537	28.51	nq	94
83) Bis(2-ethylhexyl)phthalate	13.47	149	228030	33.25	nq	# 89
84) Di-n-octyl phthalate	14.08	149	339048	30.03	nq	# 94
85) Indeno(1,2,3-cd)pyrene	15.83	276	207204	30.67	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	523076	73.88	nq	# 84
88) Benzo(k)fluoranthene	14.46	252	523076	89.04	nq	# 85
89) Benzo(a)pyrene	14.71	252	219091	36.52	nq	# 86
90) Dibenzo(a,h)anthracene	15.84	278	174903	37.73	nq	# 78
91) Benzo(g,h,i)perylene	16.14	276	173246	39.16	nq	# 76

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

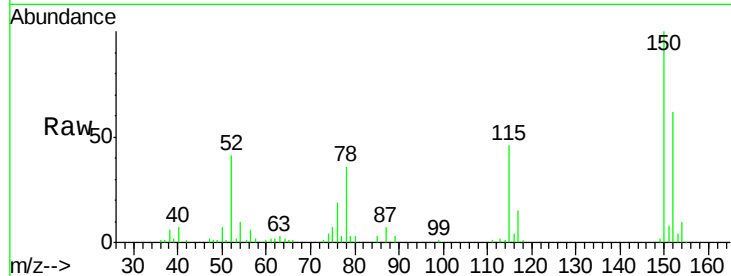


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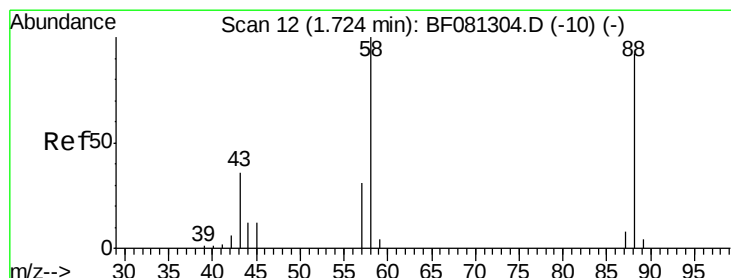
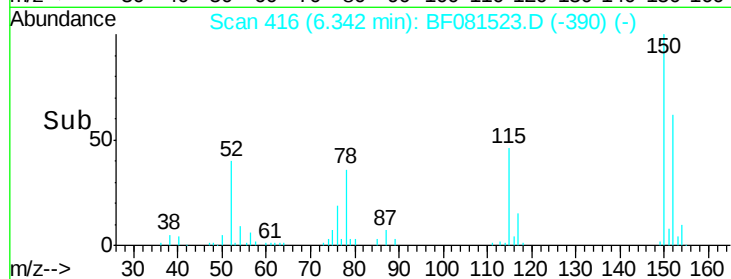
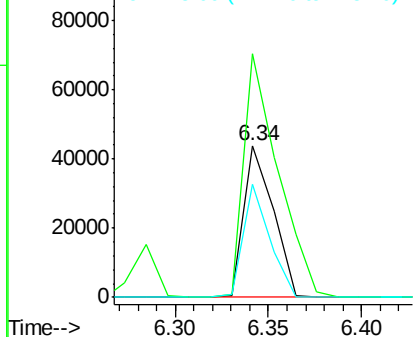
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47990
Ion Ratio Lower Upper
152 100
150 160.4 124.7 187.1
115 74.6 39.0 58.4#



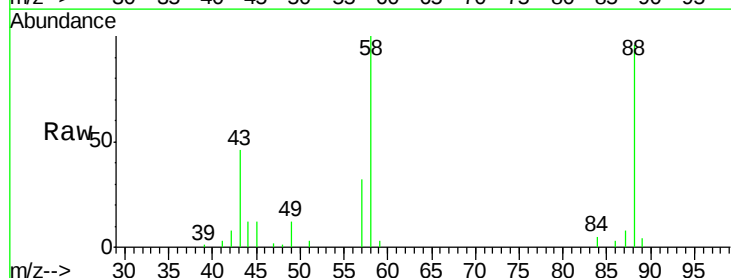
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



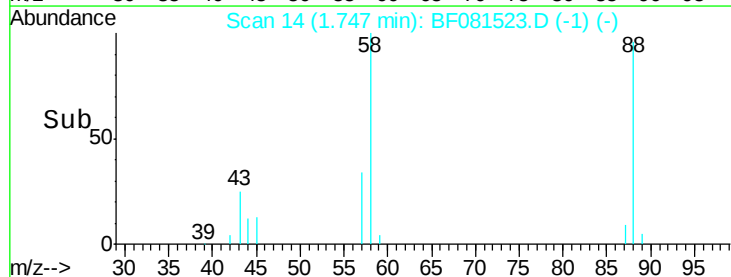
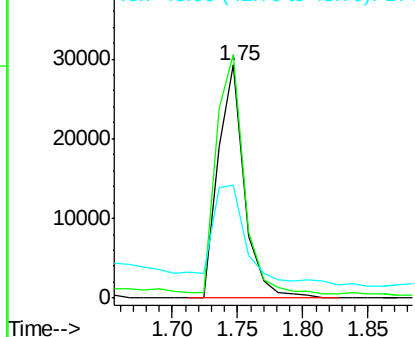
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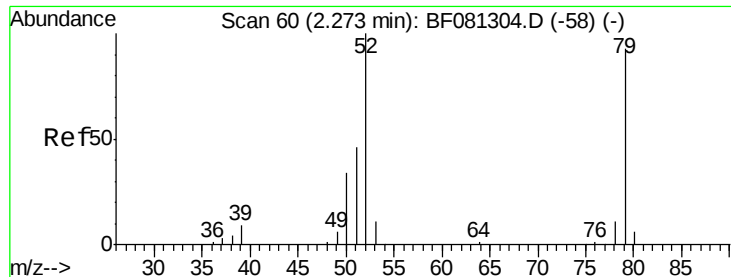
1,4-Dioxane
Concen: 29.40 ng
RT: 1.75 min Scan# 14
Delta R.T. 0.10 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion: 88 Resp: 40841
Ion Ratio Lower Upper
88 100
58 107.4 77.7 116.5
43 63.2 26.6 40.0#



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

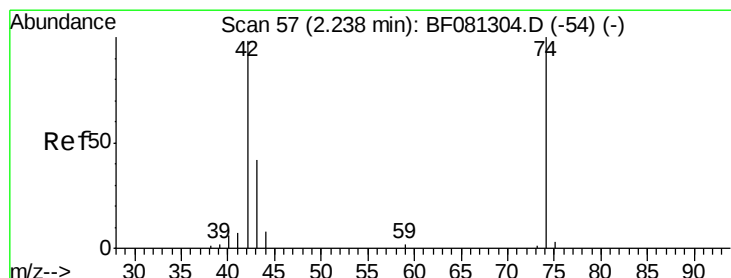
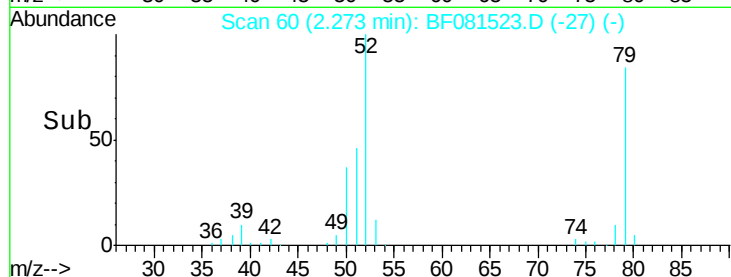
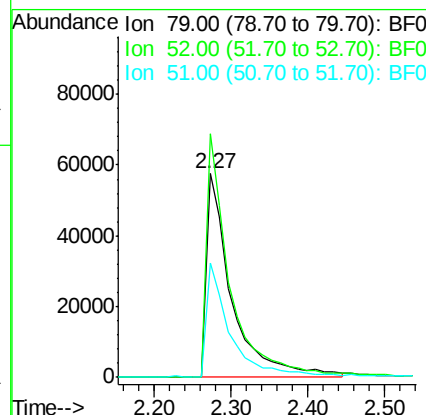
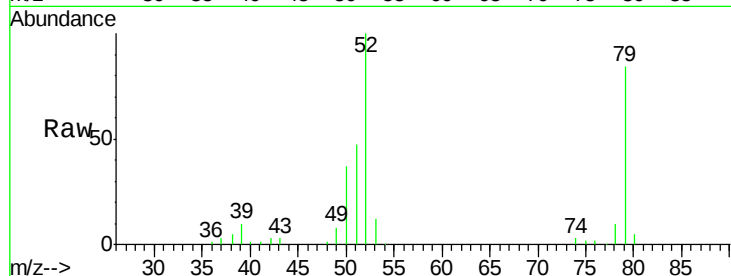




#3
 Pvridine
 Concen: 33.95 ng
 RT: 2.27 min Scan# 60
 Delta R.T. 0.08 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

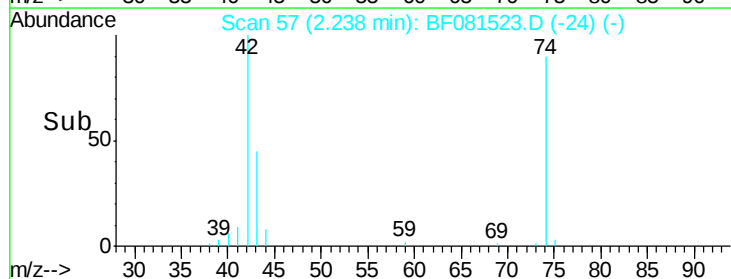
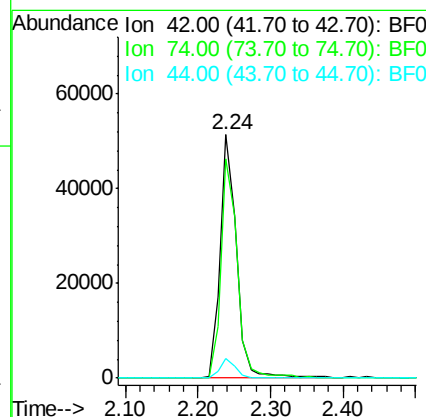
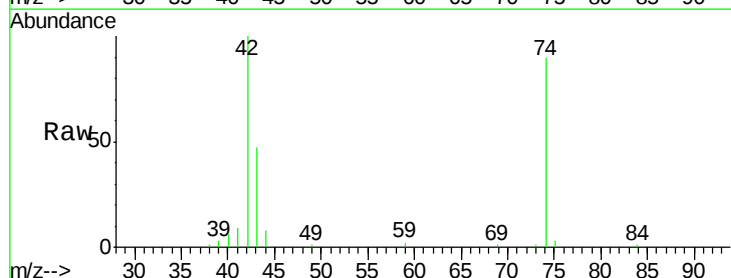
Instrument :
 BNA_F
 ClientSampled :

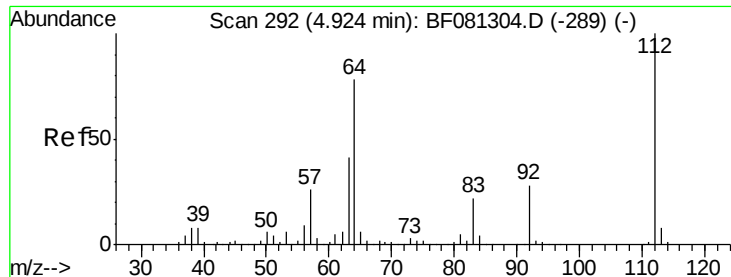
Tot Ion: 79 Resp: 130065
 Ion Ratio Lower Upper
 79 100
 52 119.7 76.8 115.2#
 51 56.2 32.2 48.4#



#4
 n-Nitrosodimethylamine
 Concen: 37.85 ng
 RT: 2.24 min Scan# 57
 Delta R.T. 0.08 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion: 42 Resp: 80539
 Ion Ratio Lower Upper
 42 100
 74 90.1 105.0 157.6#
 44 8.1 6.6 10.0





#5

2-Fluorophenol

Concen: 72.52 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampled :

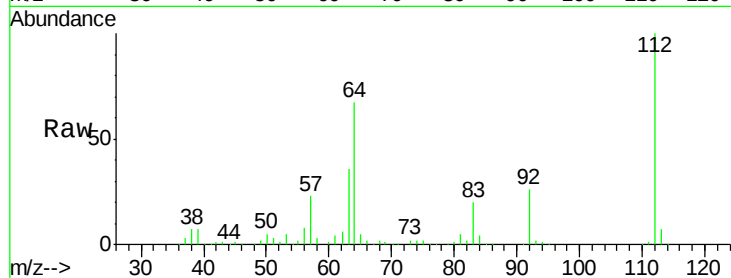
Tot Ion:112 Resp: 224321

Ion Ratio Lower Upper

112 100

64 67.0 39.7 59.5#

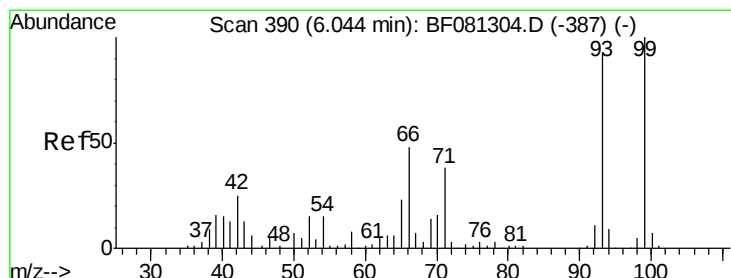
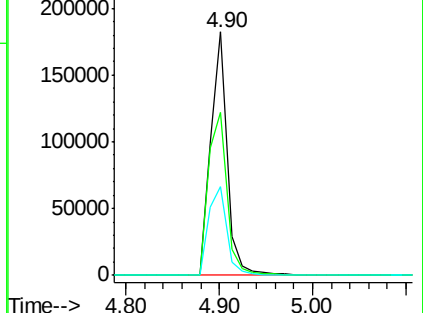
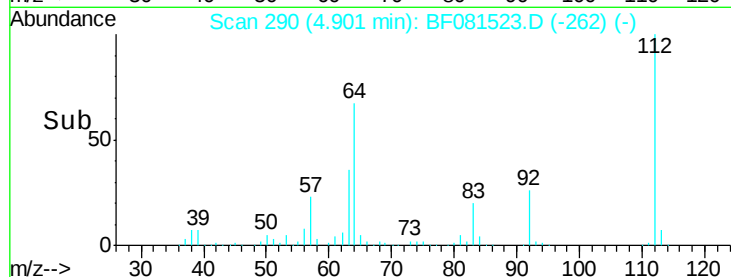
63 36.4 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.15 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

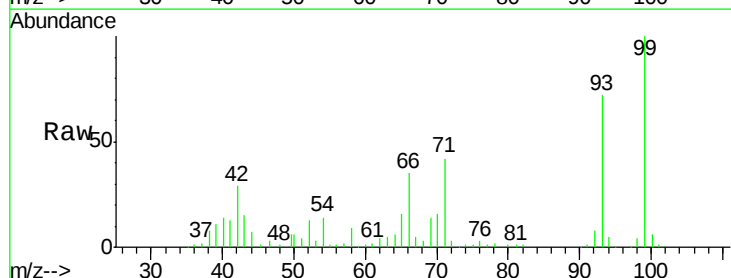
Tgt Ion: 93 Resp: 139648

Ion Ratio Lower Upper

93 100

66 48.3 27.2 40.8#

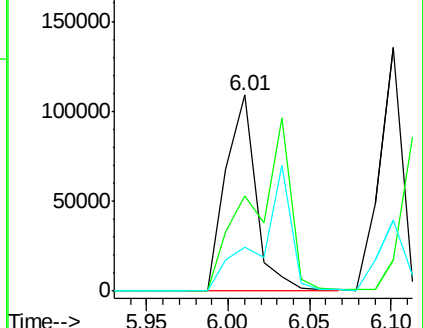
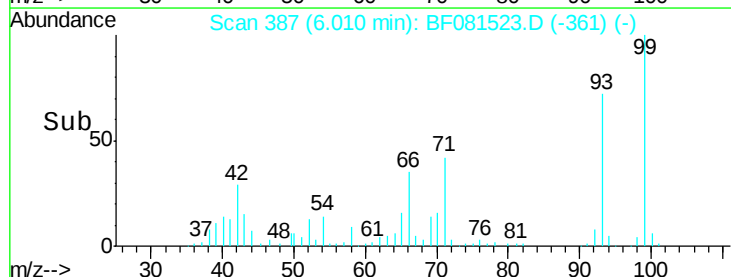
65 22.5 14.7 22.1#

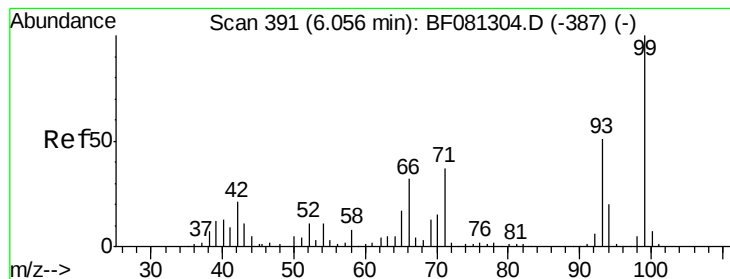


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.73 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

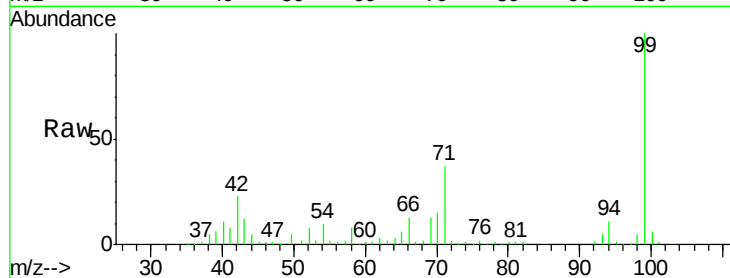
Tot Ion: 99 Resp: 322342

Ion Ratio Lower Upper

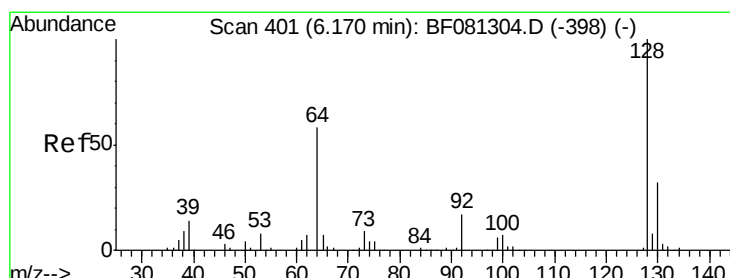
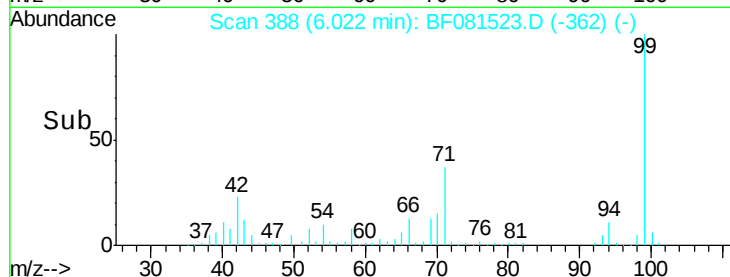
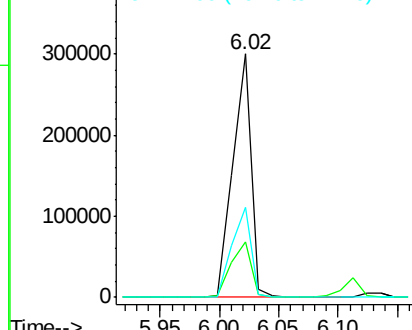
99 100

42 22.6 13.7 20.5#

71 37.2 14.2 21.2#



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: 36.31 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

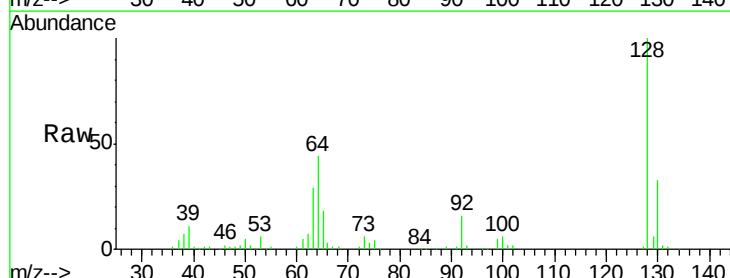
Tgt Ion: 128 Resp: 123770

Ion Ratio Lower Upper

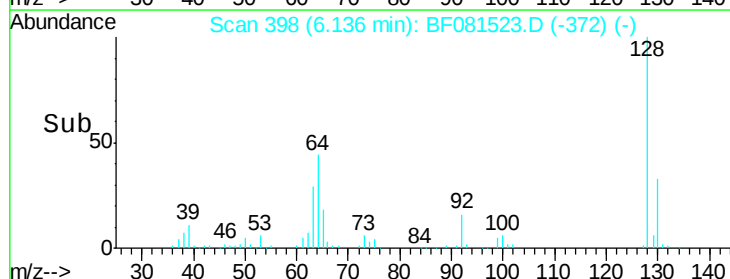
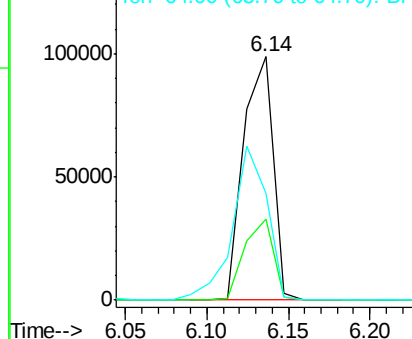
128 100

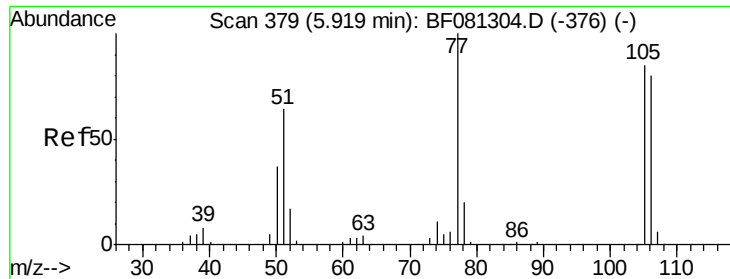
130 33.3 12.2 52.2

64 44.1 20.5 60.5



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

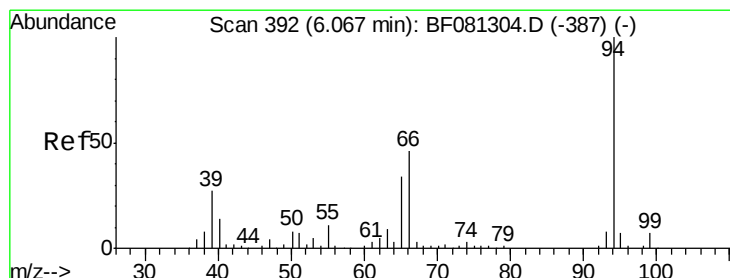
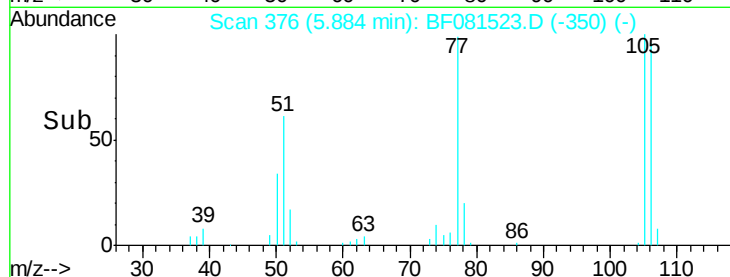
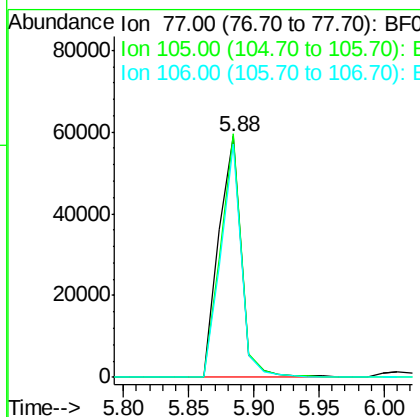
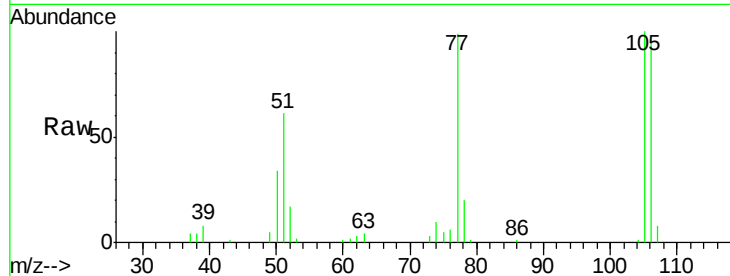




#9
Benzaldehyde
Concen: 27.86 ng
RT: 5.88 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

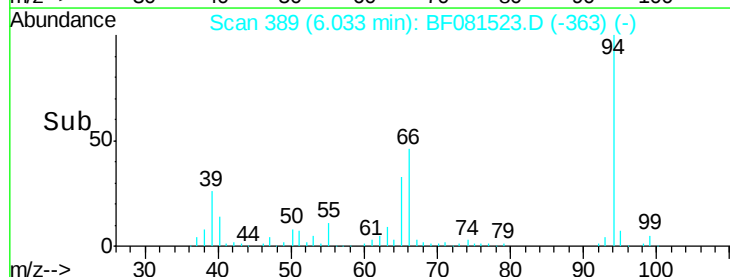
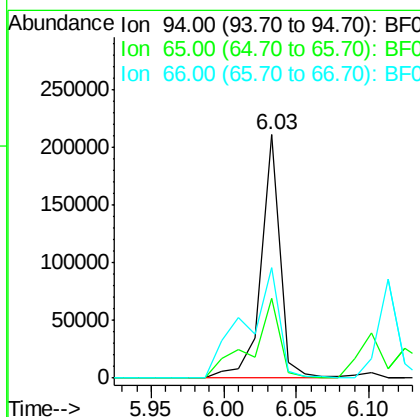
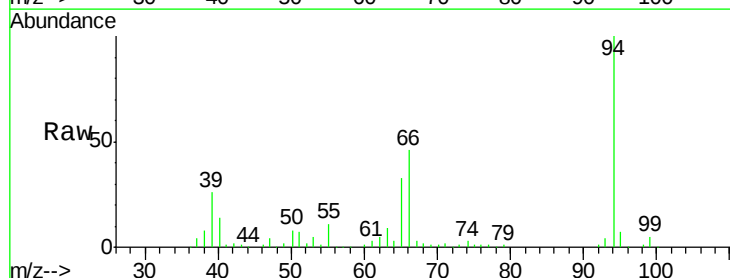
Instrument :
BNA_F
ClientSampleId :

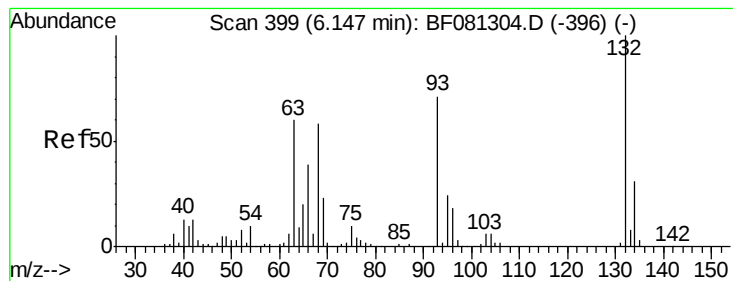
Tot Ion: 77 Resp: 71472
Ion Ratio Lower Upper
77 100
105 101.1 91.6 131.6
106 96.8 102.6 142.6#



#10
Phenol
Concen: 40.30 ng
RT: 6.03 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion: 94 Resp: 191331
Ion Ratio Lower Upper
94 100
65 33.0 0.7 40.7
66 45.5 0.8 40.8#

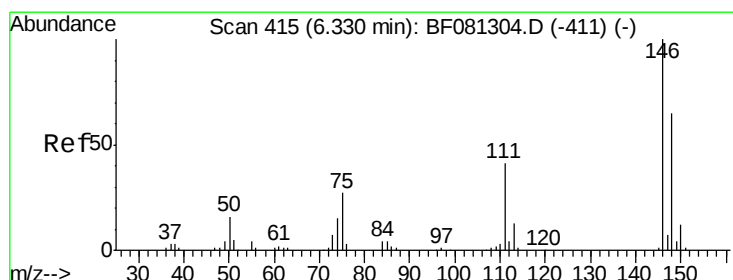
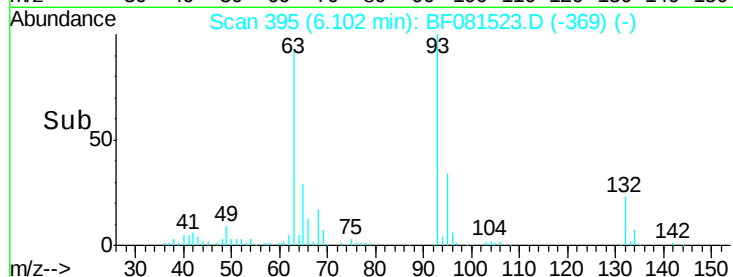
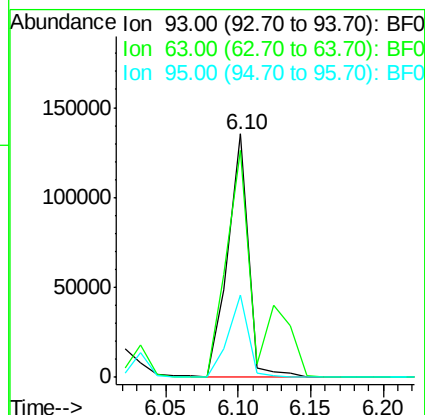
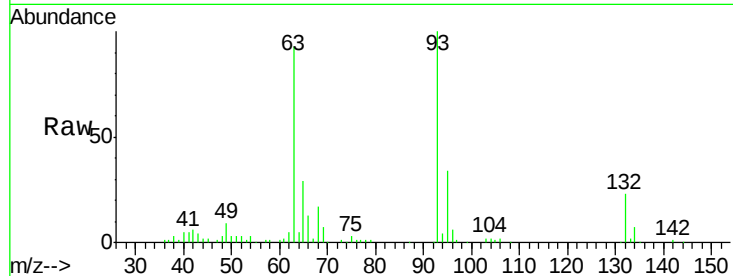




#11
 bis(2-Chloroethyl)ether
 Concen: 39.03 ng
 RT: 6.10 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

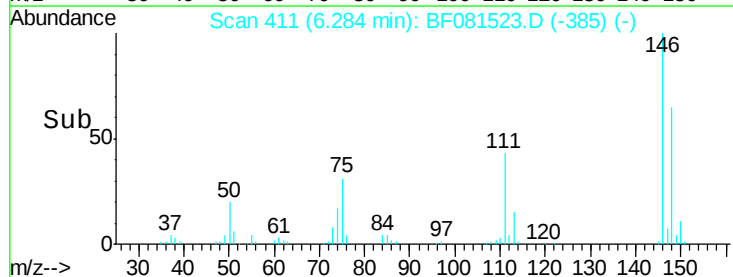
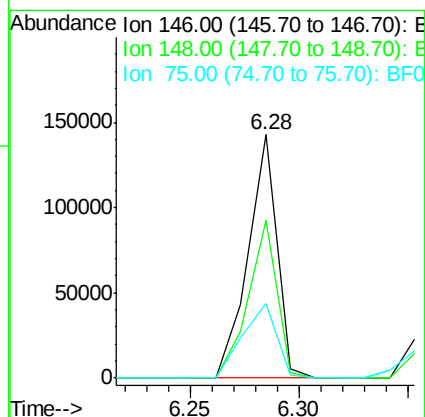
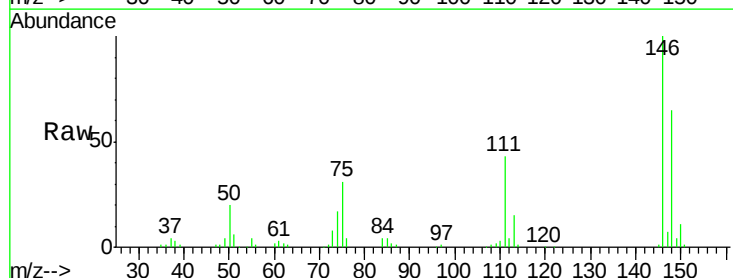
Instrument :
 BNA_F
 ClientSampleId :

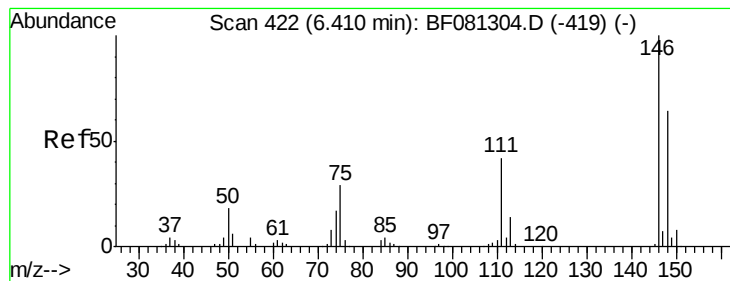
Tot Ion: 93 Resp: 133692
 Ion Ratio Lower Upper
 93 100
 63 93.4 65.6 105.6
 95 33.6 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 36.10 ng
 RT: 6.28 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion: 146 Resp: 131451
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 75 30.6 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 37.00 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

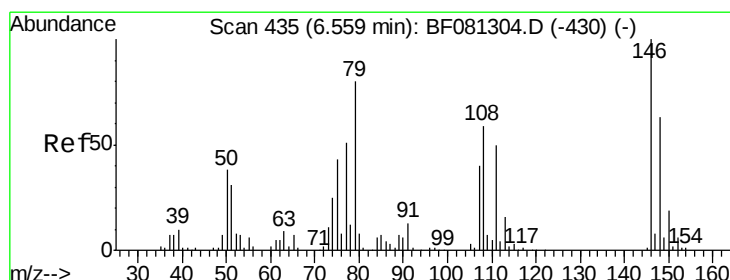
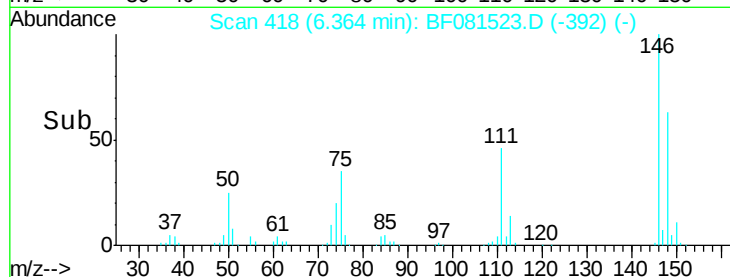
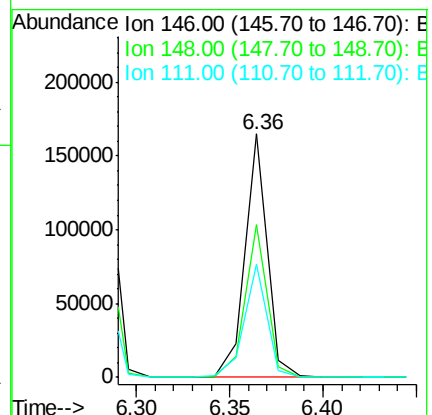
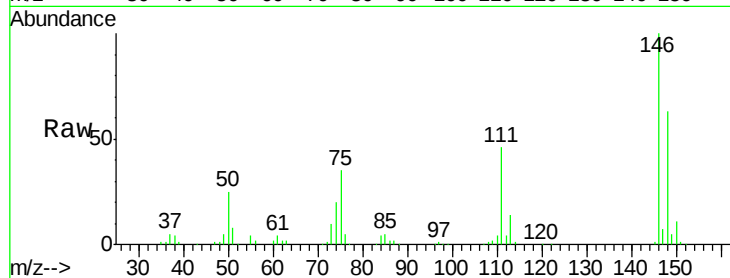
Tot Ion:146 Resp: 137194

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.6

111 46.4 24.9 37.3#



#14

1,2-Dichlorobenzene

Concen: 39.37 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.23 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

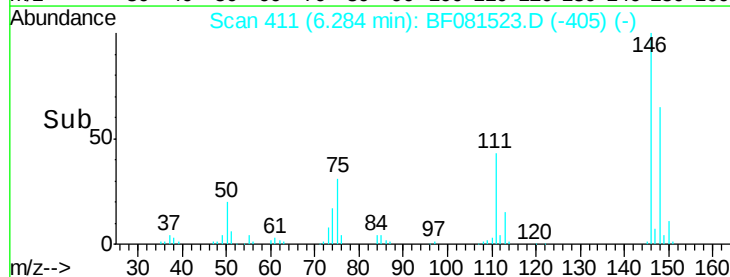
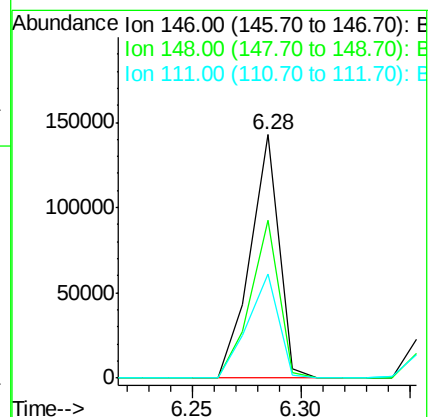
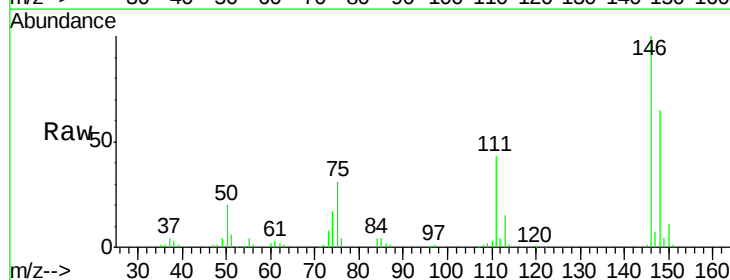
Tgt Ion:146 Resp: 131451

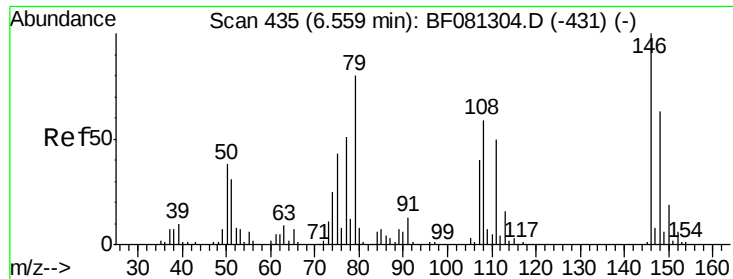
Ion Ratio Lower Upper

146 100

148 64.7 52.7 79.1

111 43.0 28.8 43.2

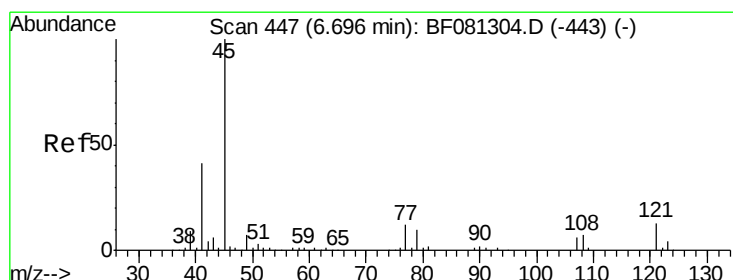
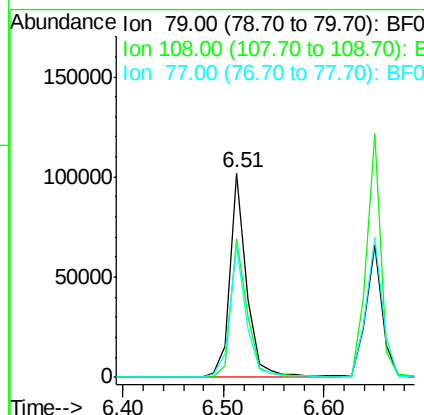
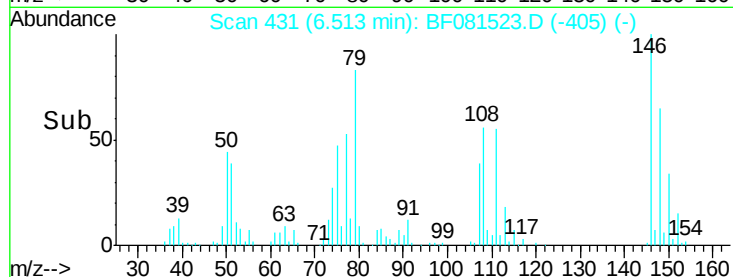
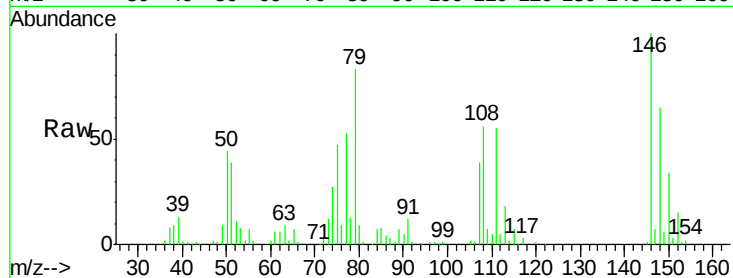




#15
Benzyl Alcohol
Concen: 35.50 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

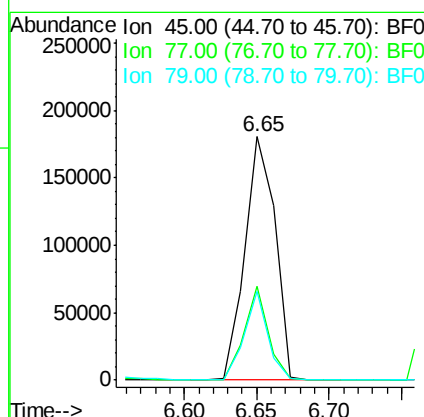
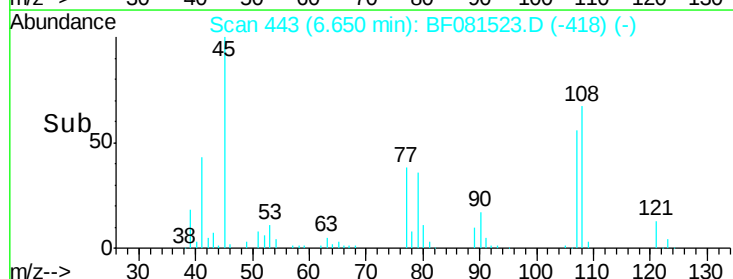
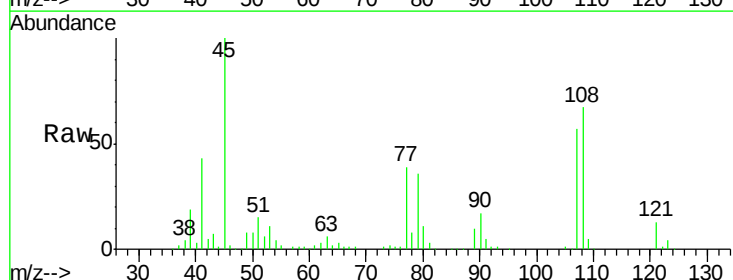
Instrument :
BNA_F
ClientSampled :

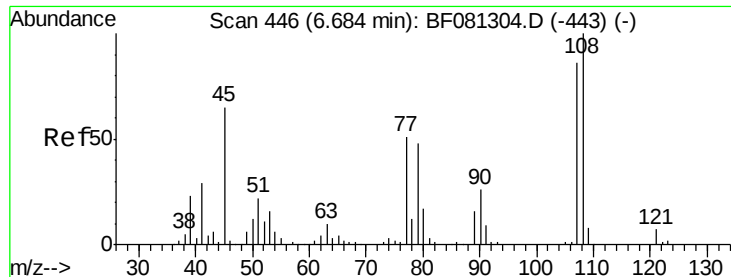
Tot Ion: 79 Resp: 119243
Ion Ratio Lower Upper
79 100
108 67.7 88.6 132.8#
77 64.3 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.66 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion: 45 Resp: 260406
Ion Ratio Lower Upper
45 100
77 38.5 0.0 28.1#
79 36.4 0.0 26.0#

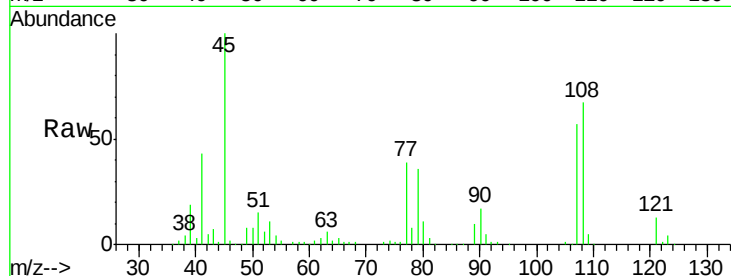




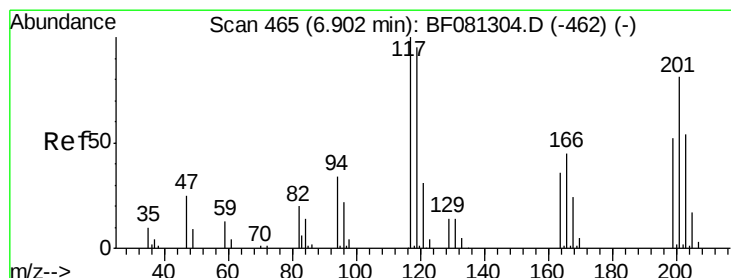
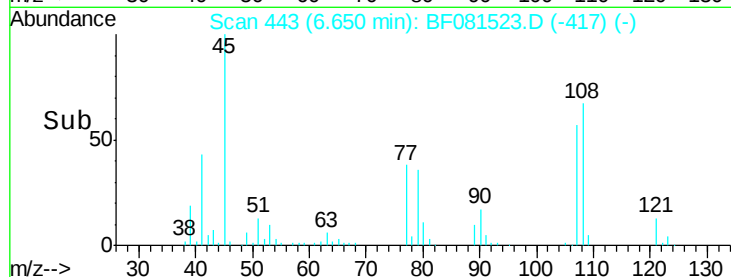
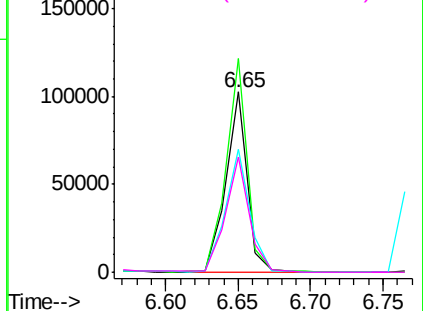
#17
2-Methylphenol
Concen: 38.14 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 103731
Ion Ratio Lower Upper
107 100
108 118.7 96.6 145.0
77 68.0 23.3 34.9#
79 64.3 22.0 33.0#

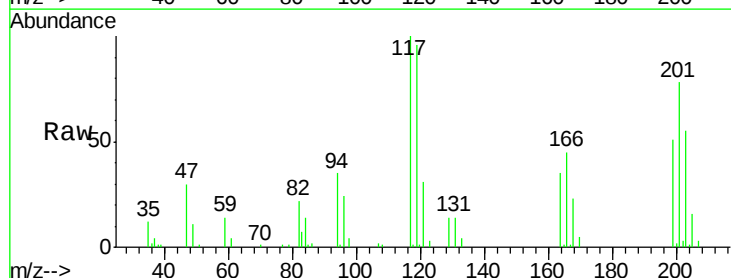


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

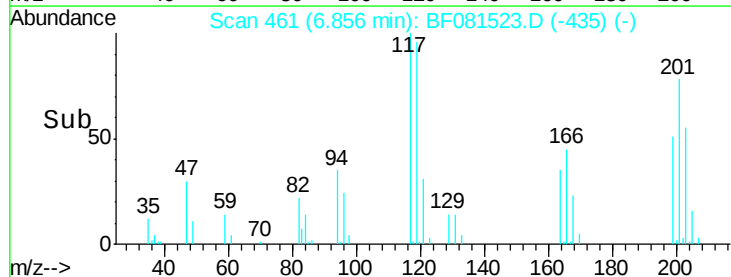
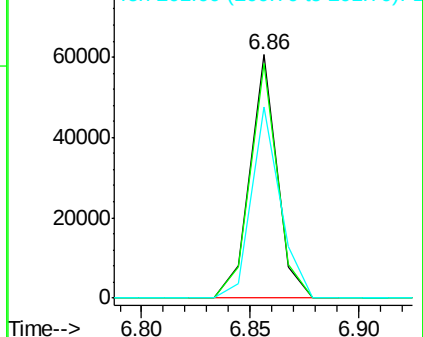


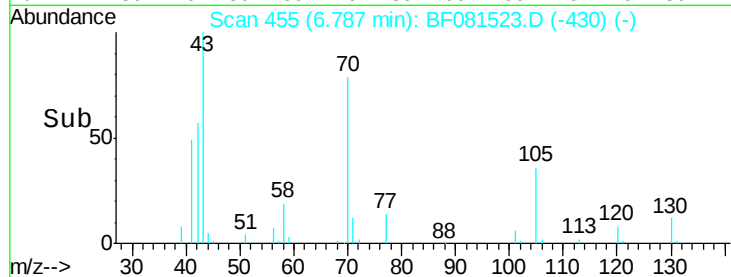
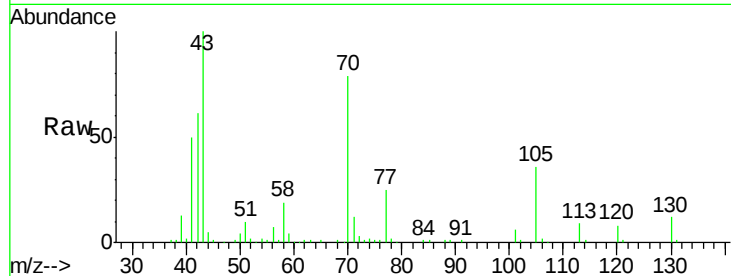
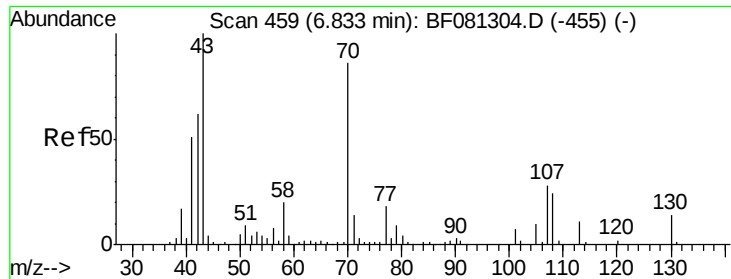
#18
Hexachloroethane
Concen: 36.30 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:117 Resp: 52370
Ion Ratio Lower Upper
117 100
119 96.4 83.8 125.6
201 78.5 55.1 82.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

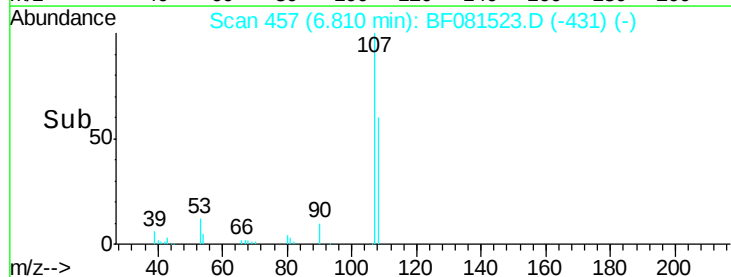
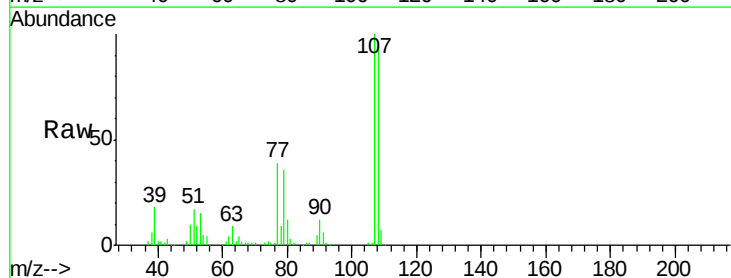
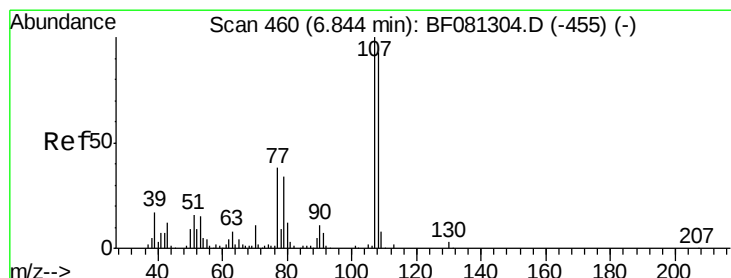
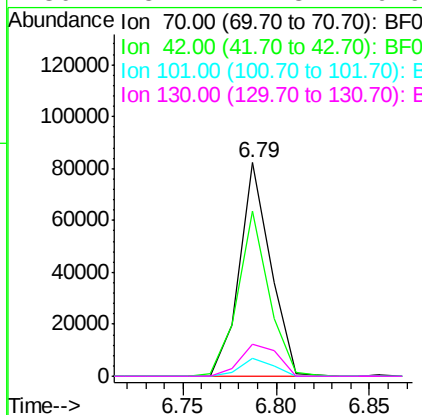




#19
n-Nitroso-di-n-propylamine
Concen: 34.38 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

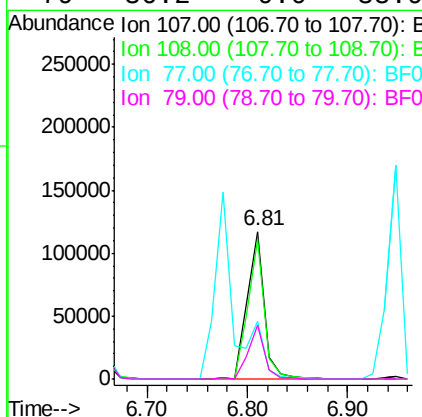
Instrument :
BNA_F
ClientSampleId :

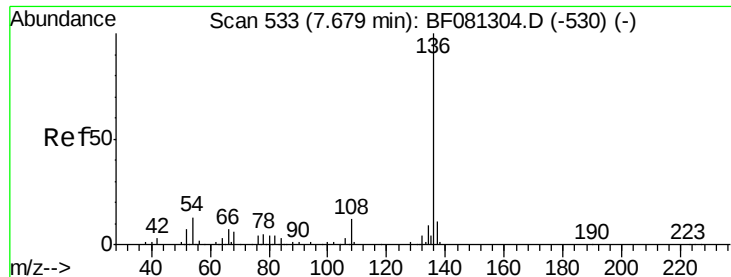
Tot Ion: 70 Resp: 95811
Ion Ratio Lower Upper
70 100
42 77.6 63.8 95.6
101 8.1 9.2 13.8#
130 15.2 27.3 40.9#



#20
3+4-Methylphenols
Concen: 37.86 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:107 Resp: 138815
Ion Ratio Lower Upper
107 100
108 94.3 74.6 114.6
77 39.0 0.7 40.7
79 36.2 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081523.D

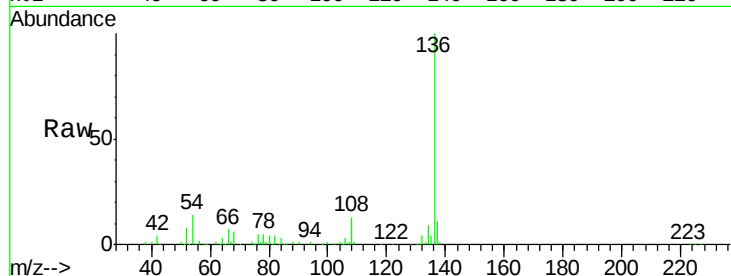
Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	184424
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	13.9	8.2 12.2#
68	6.1	5.8 8.6



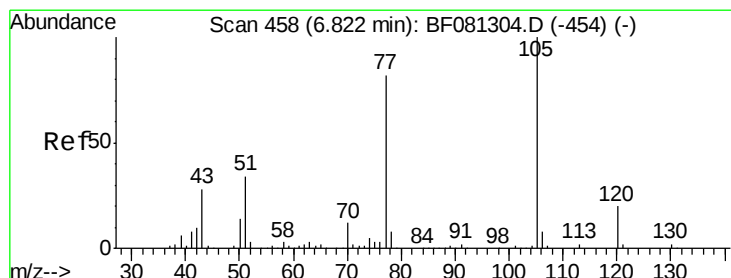
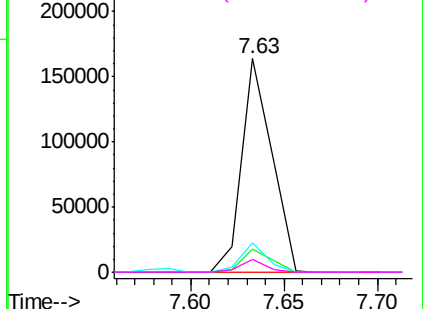
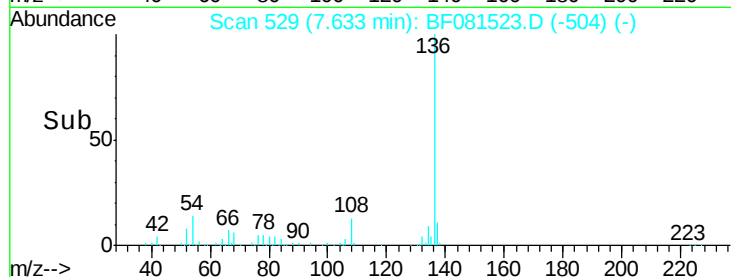
Abundance

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: 36.87 ng

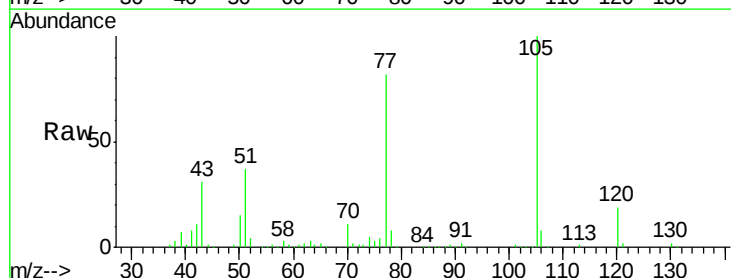
RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Tgt Ion:105	Resp:	185706
Ion Ratio	Lower	Upper
105	100	
71	1.9	4.7 7.1#
51	36.7	22.0 33.0#
120	18.9	30.1 45.1#



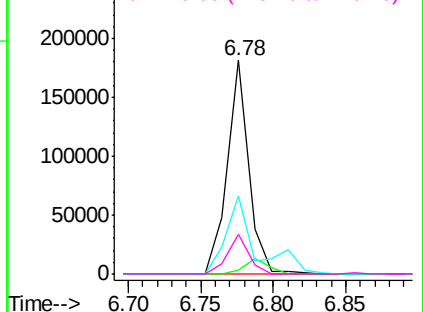
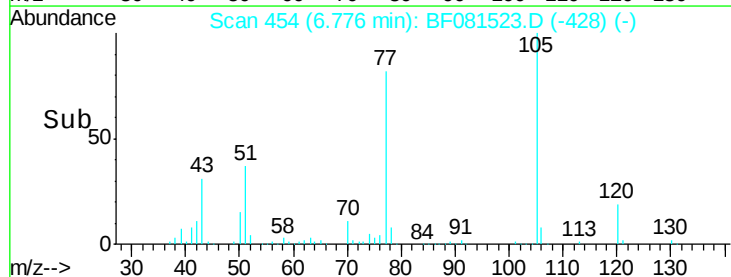
Abundance

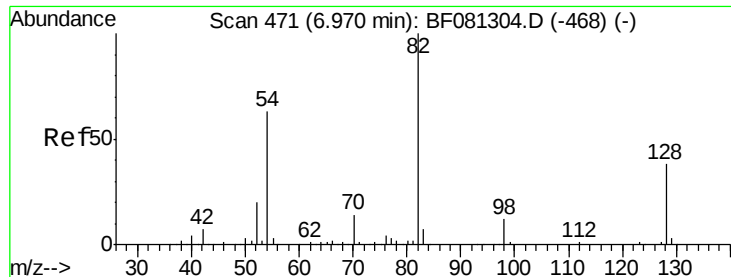
Ion 105.00 (104.70 to 105.70): E

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

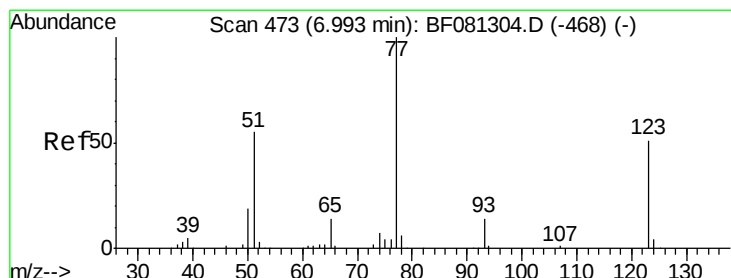
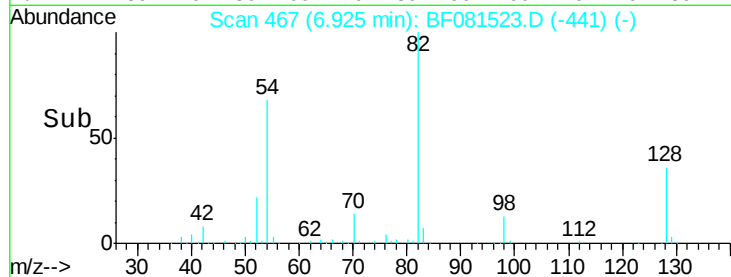
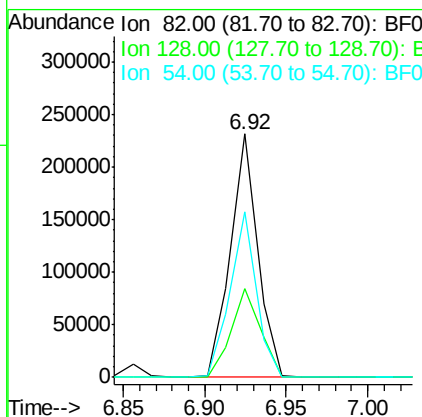
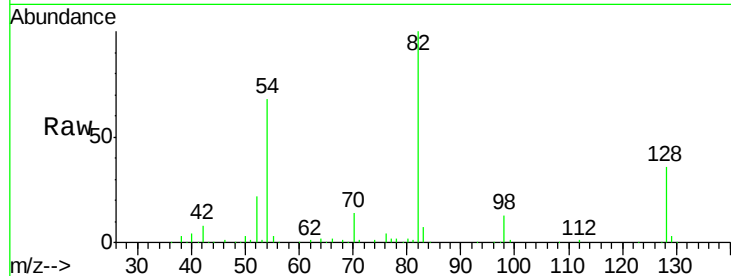




#23
Nitrobenzene-d5
Concen: 69.79 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

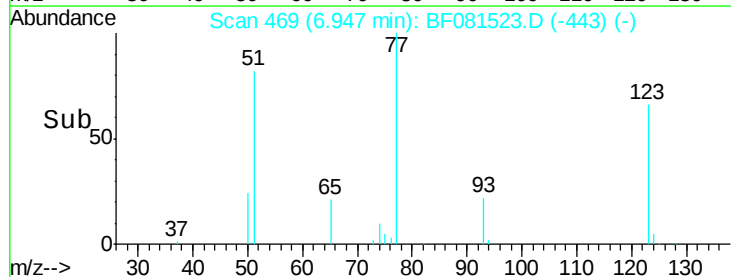
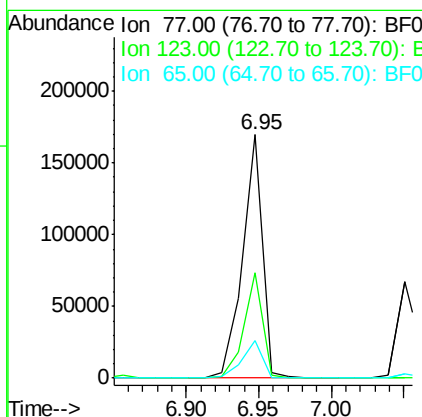
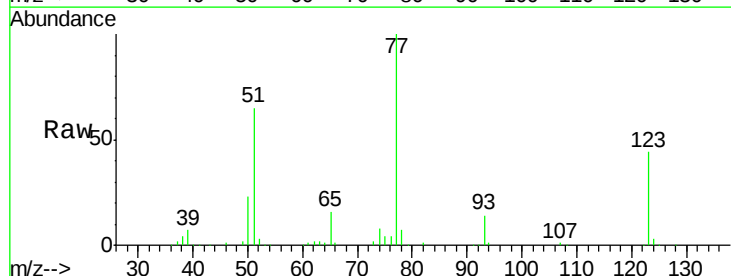
Instrument :
BNA_F
ClientSampleId :

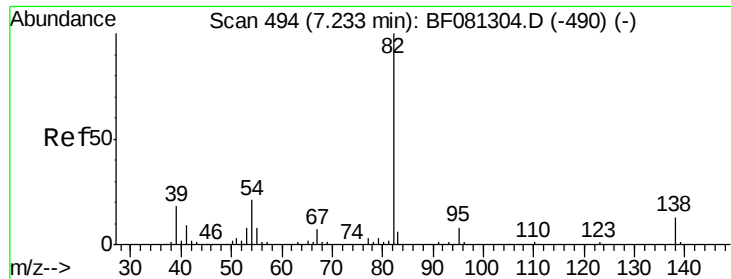
Tot Ion: 82 Resp: 266755
Ion Ratio Lower Upper
82 100
128 36.3 51.0 76.6#
54 68.1 47.5 71.3



#24
Nitrobenzene
Concen: 40.44 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion: 77 Resp: 160524
Ion Ratio Lower Upper
77 100
123 43.5 59.8 89.8#
65 15.6 10.2 15.4#





#25

Isophorone

Concen: 36.69 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampled :

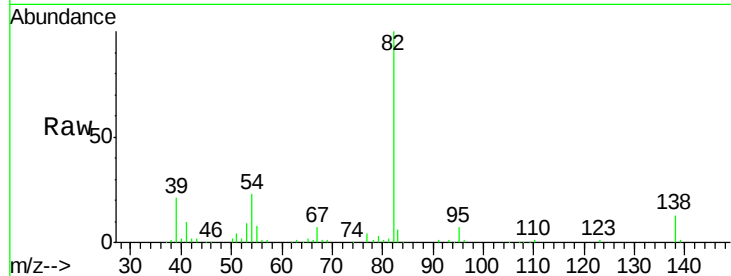
Tot Ion: 82 Resp: 260838

Ion Ratio Lower Upper

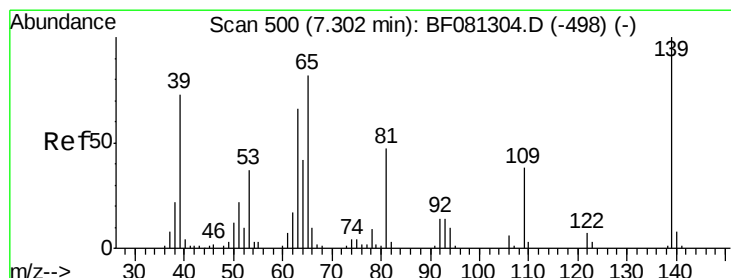
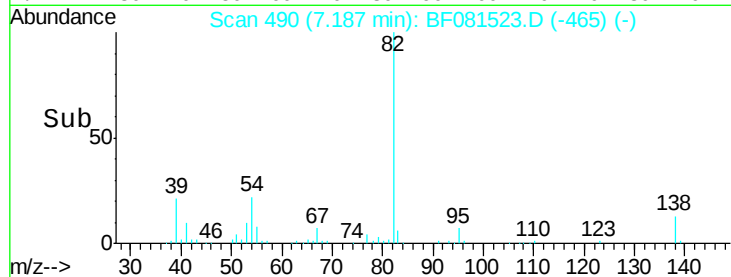
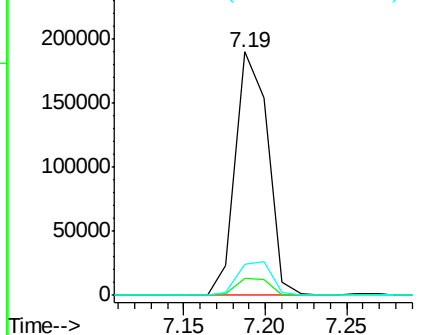
82 100

95 7.2 4.0 6.0#

138 13.0 18.3 27.5#



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



#26

2-Nitrophenol

Concen: 38.32 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

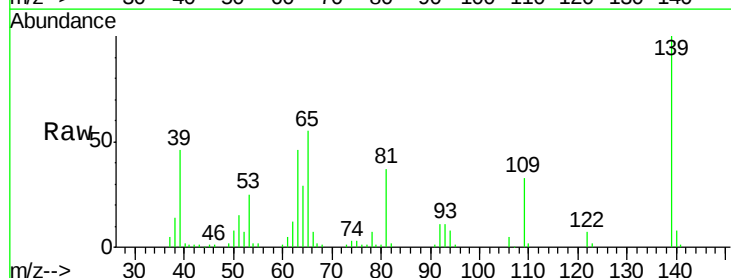
Tgt Ion: 139 Resp: 66307

Ion Ratio Lower Upper

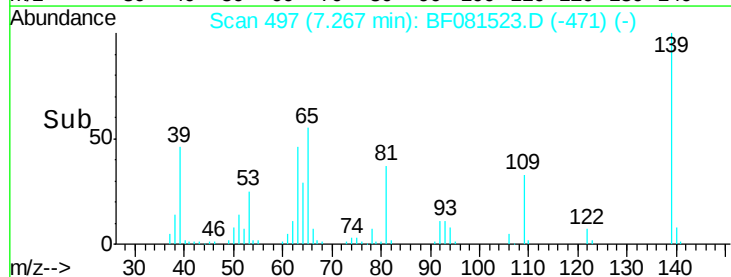
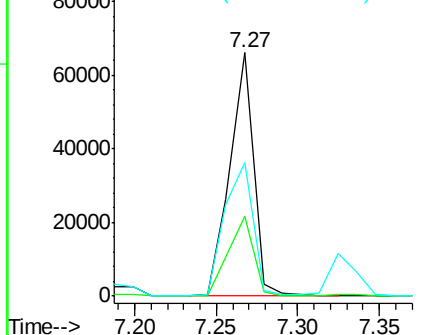
139 100

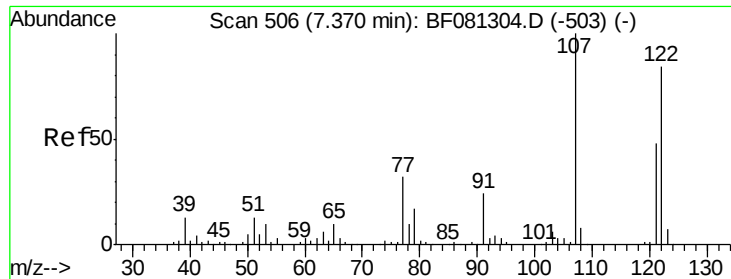
109 32.8 11.0 16.4#

65 55.0 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 35.99 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

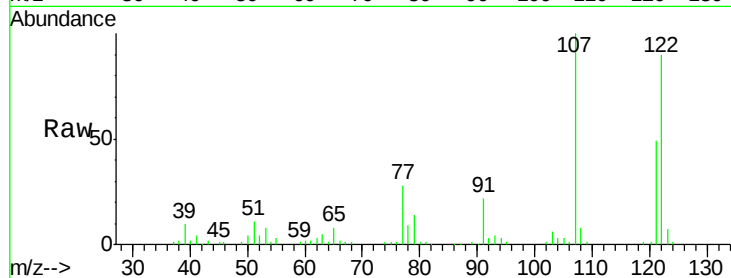
Tot Ion:122 Resp: 107540

Ion Ratio Lower Upper

122 100

107 110.9 71.8 107.6#

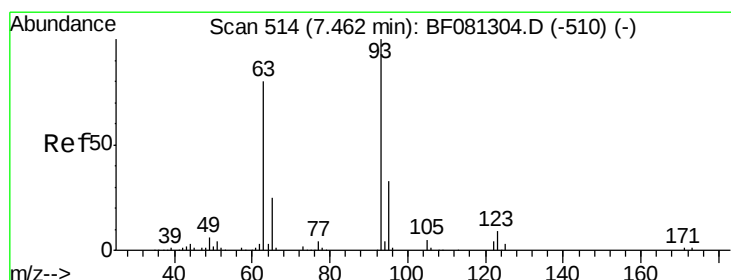
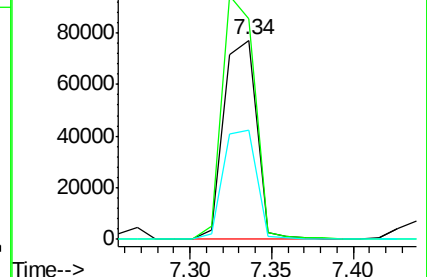
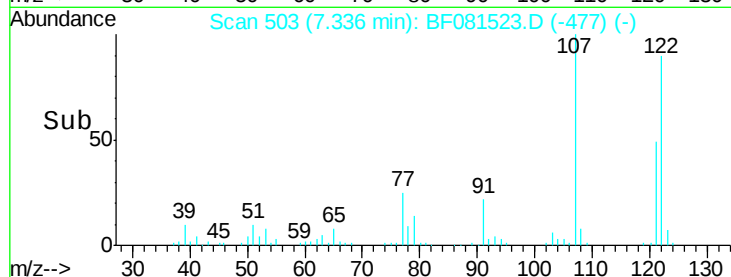
121 54.7 42.3 63.5



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: 36.75 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

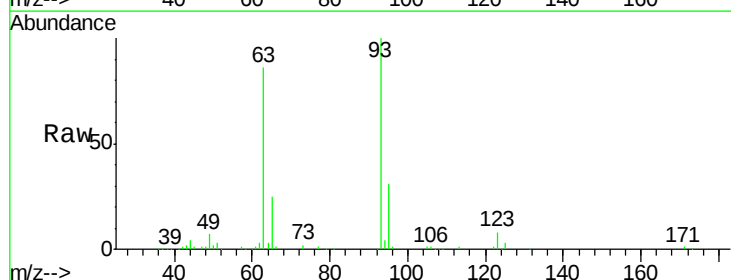
Tgt Ion: 93 Resp: 150931

Ion Ratio Lower Upper

93 100

95 31.5 27.5 41.3

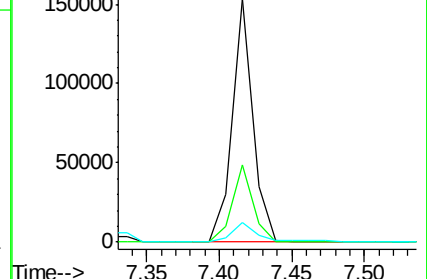
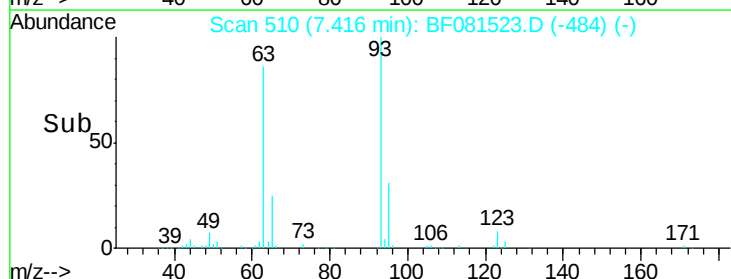
123 8.3 13.7 20.5#

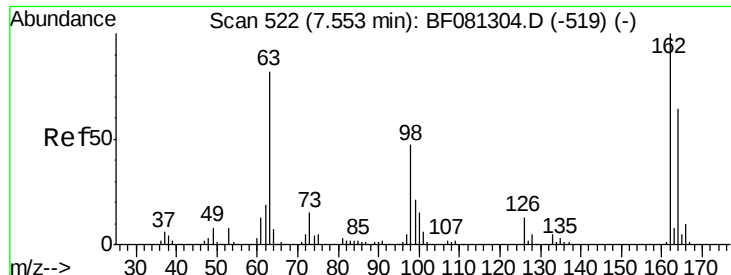


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

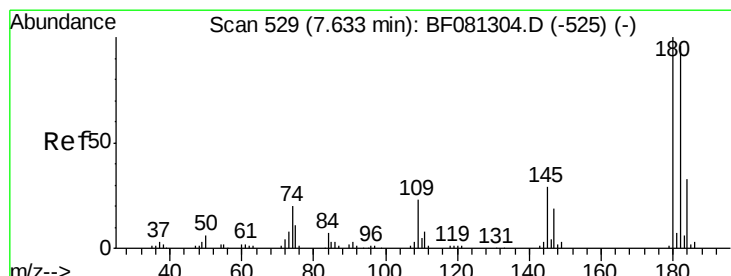
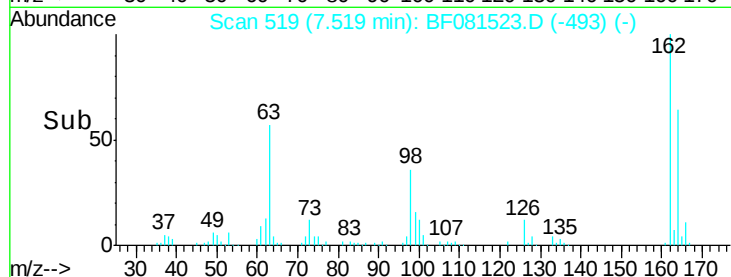
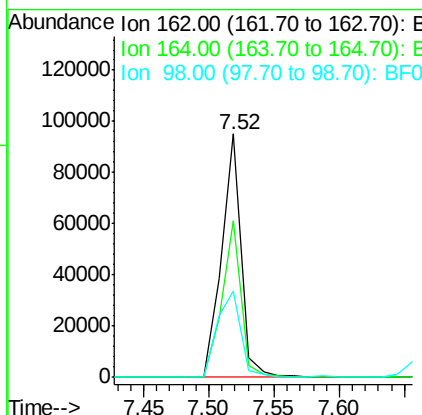
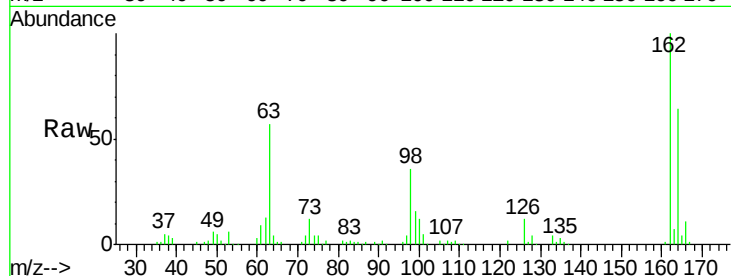




#29
 2,4-Dichlorophenol
 Concen: 38.47 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

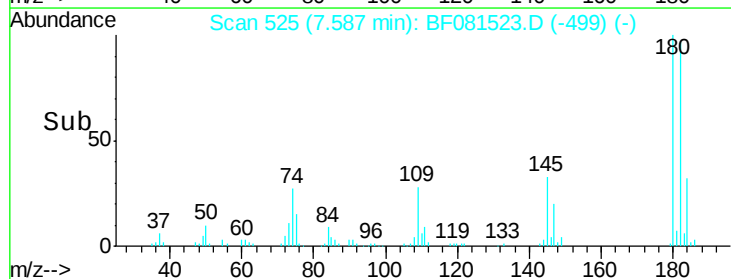
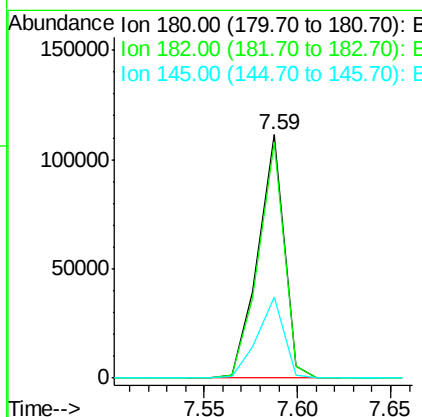
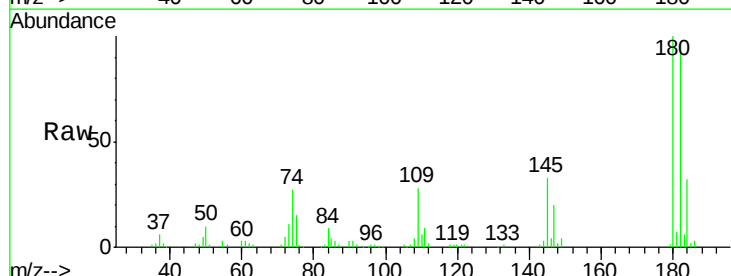
Instrument :
 BNA_F
 ClientSampleId :

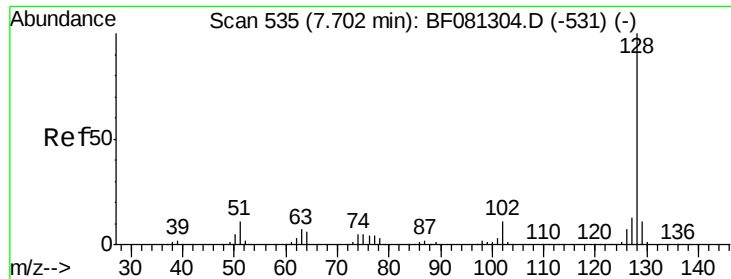
Tot Ion:162 Resp: 99680
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.9 84.9
 98 35.6 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.46 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:180 Resp: 108272
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.1 115.7
 145 33.2 23.3 34.9

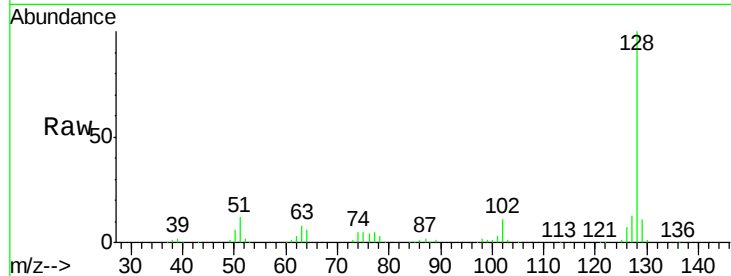




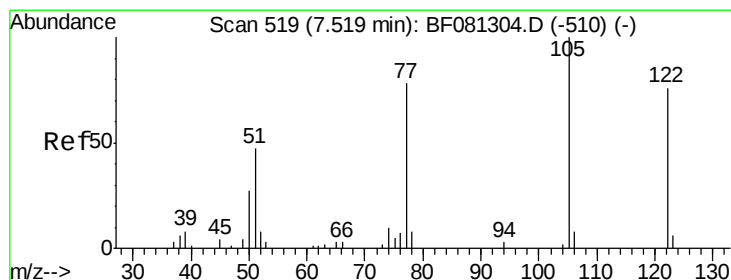
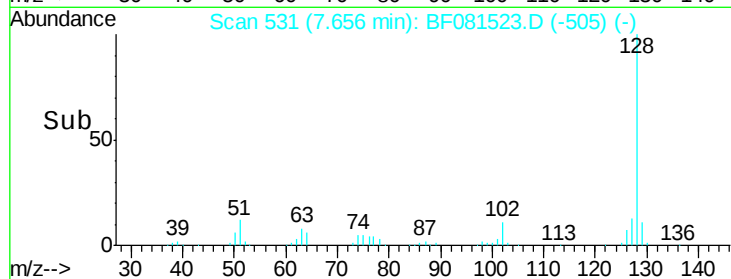
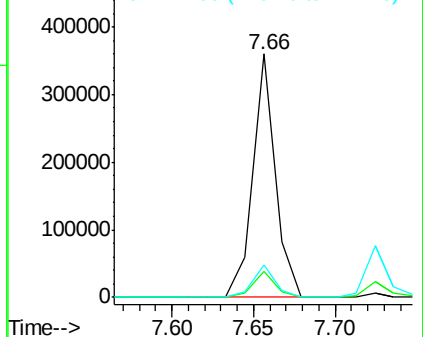
#31
Naphthalene
Concen: 35.23 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 346523
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.4 9.9 14.9

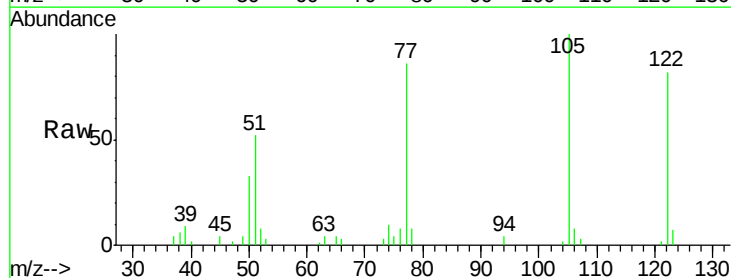


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

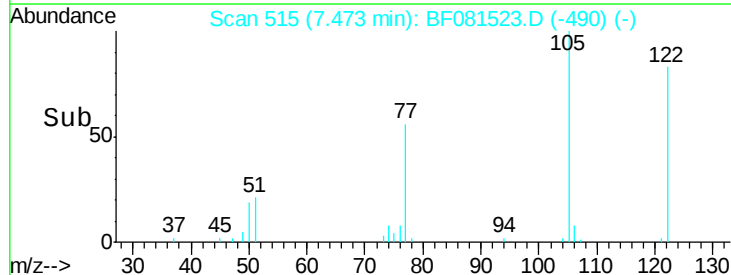
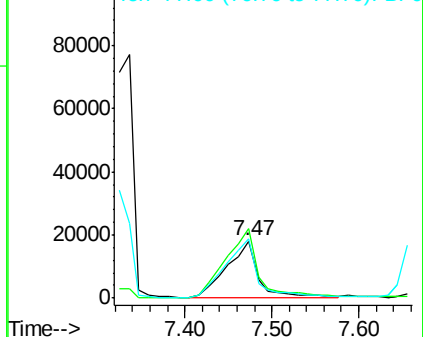


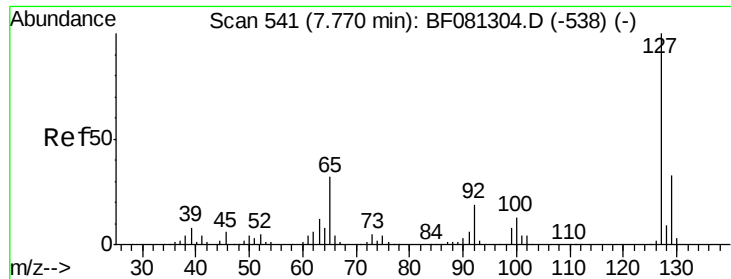
#32
Benzoic acid
Concen: 23.56 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:122 Resp: 47354
Ion Ratio Lower Upper
122 100
105 122.2 76.1 116.1#
77 104.9 40.5 80.5#



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

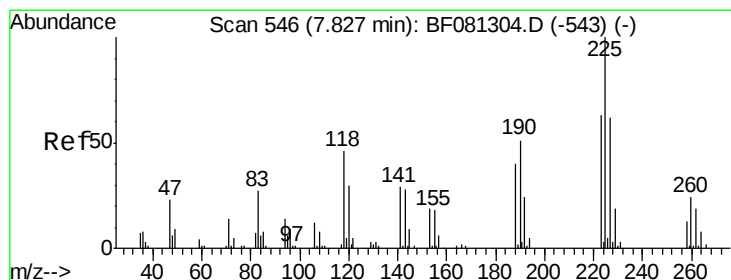
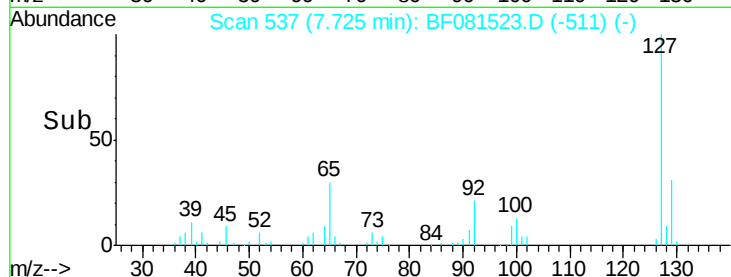
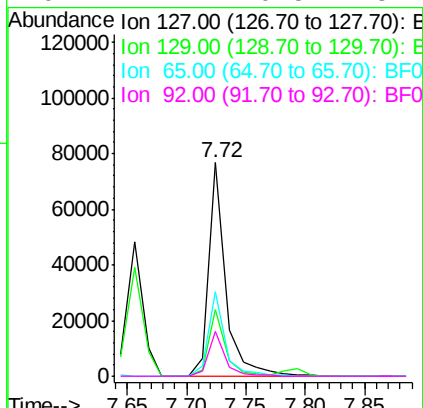
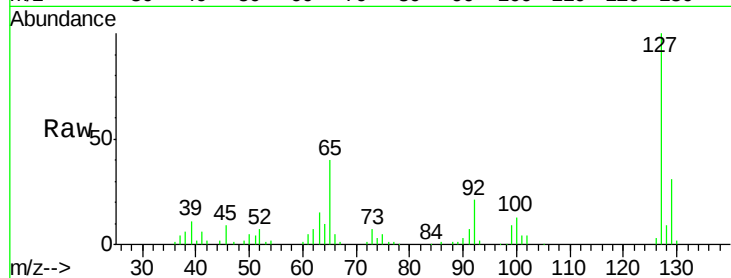




#33
4-Chloroaniline
Concen: 19.09 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

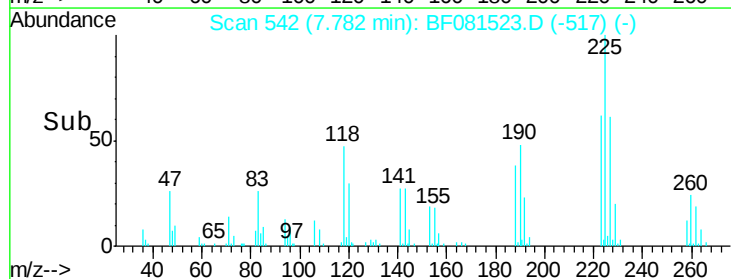
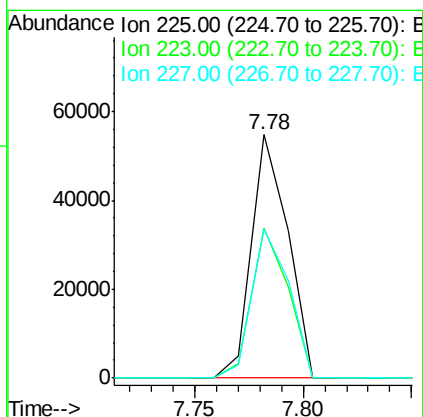
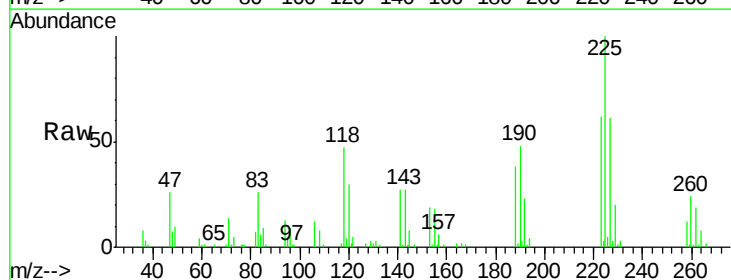
Instrument :
BNA_F
ClientSampled :

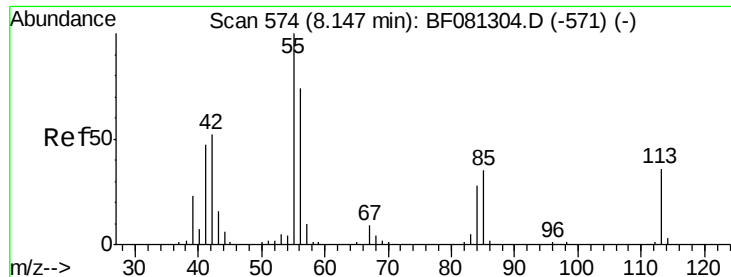
Tot Ion:	127	Resp:	76603
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	39.8	17.9	26.9#
92	21.1	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 37.22 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:	225	Resp:	63762
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	60.9	52.2	78.2

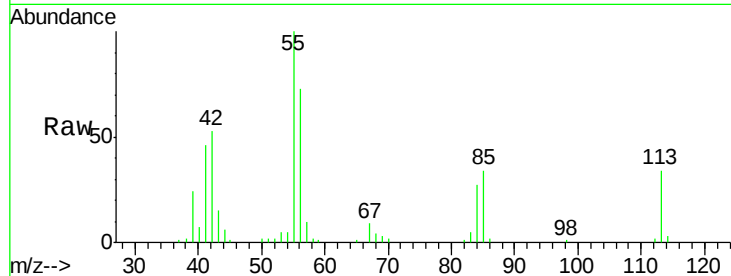




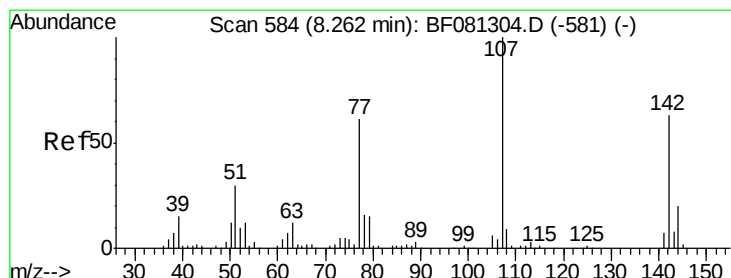
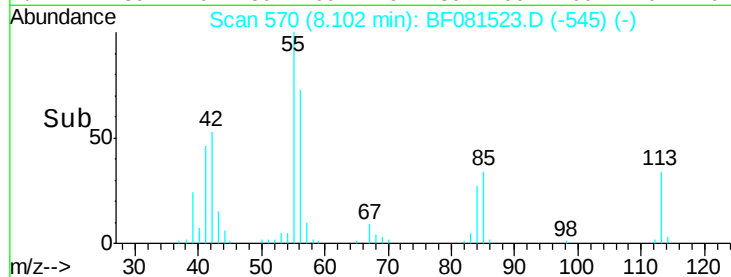
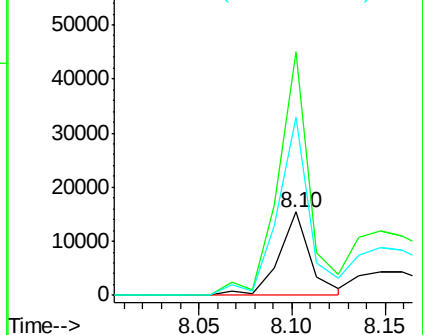
#35
 Caprolactam
 Concen: 22.74 ng
 RT: 8.10 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 18071
 Ion Ratio Lower Upper
 113 100
 55 293.0 152.4 192.4#
 56 214.0 104.6 144.6#

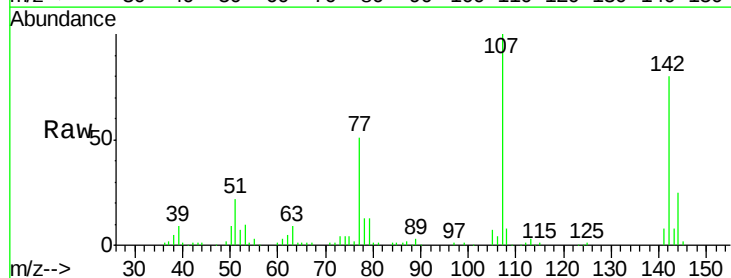


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

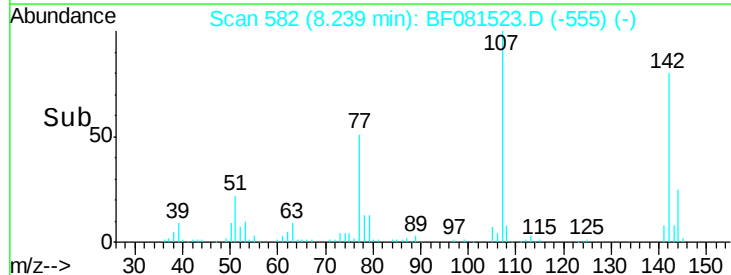
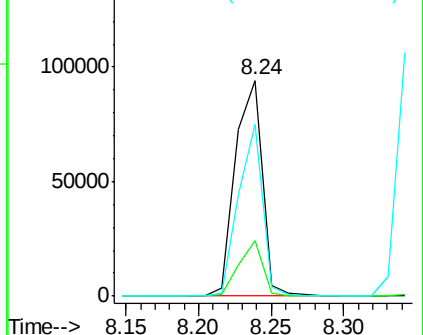


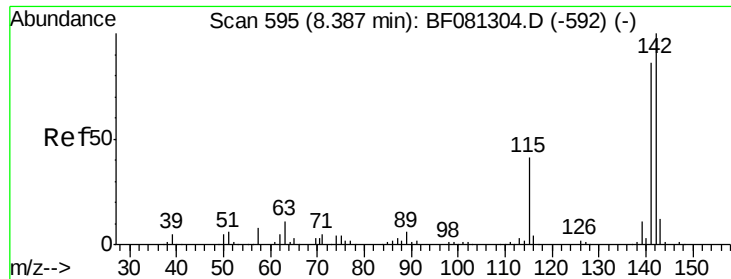
#36
 4-Chloro-3-methylphenol
 Concen: 41.73 ng
 RT: 8.24 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:107 Resp: 121036
 Ion Ratio Lower Upper
 107 100
 144 25.5 25.4 38.0
 142 79.7 77.3 115.9



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

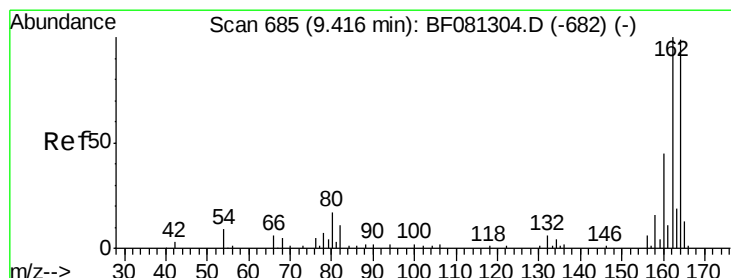
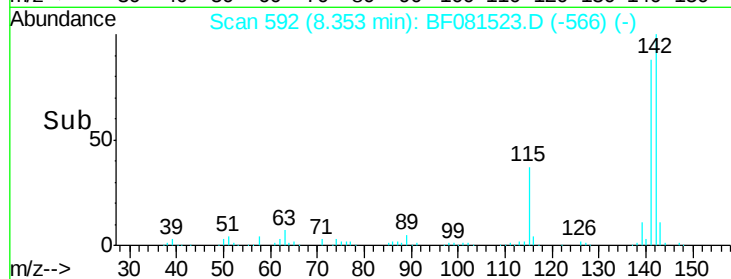
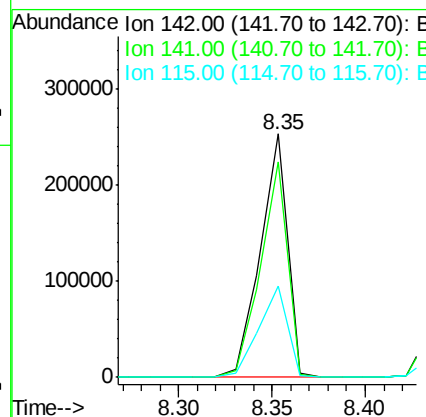
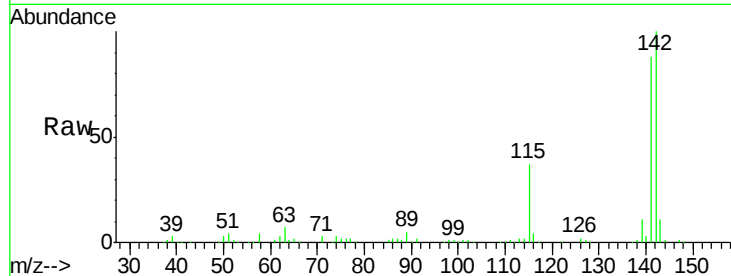




#37
 2-Methylnaphthalene
 Concen: 40.08 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

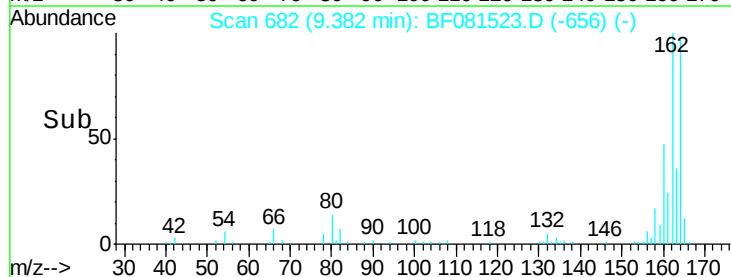
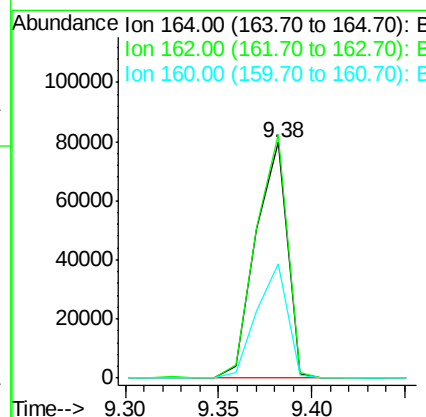
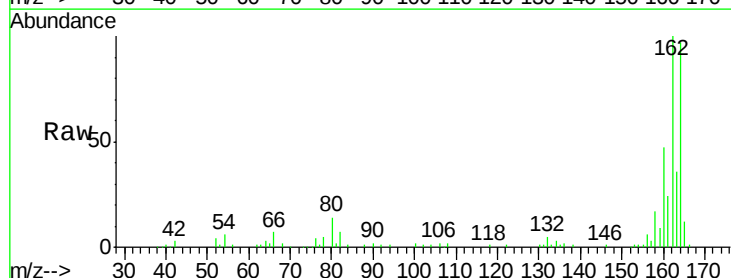
Instrument :
 BNA_F
 ClientSampleId :

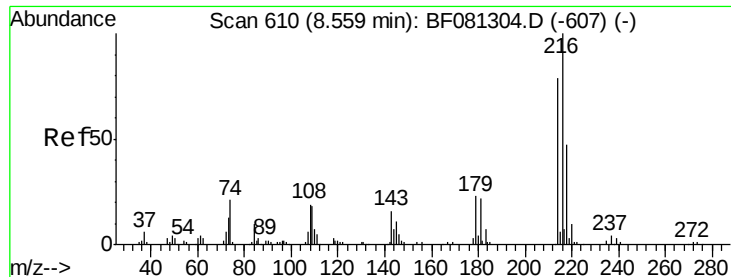
Tot Ion:142 Resp: 256520
 Ion Ratio Lower Upper
 142 100
 141 88.3 67.5 101.3
 115 37.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:164 Resp: 93015
 Ion Ratio Lower Upper
 164 100
 162 103.3 75.2 112.8
 160 48.5 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.56 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 95779

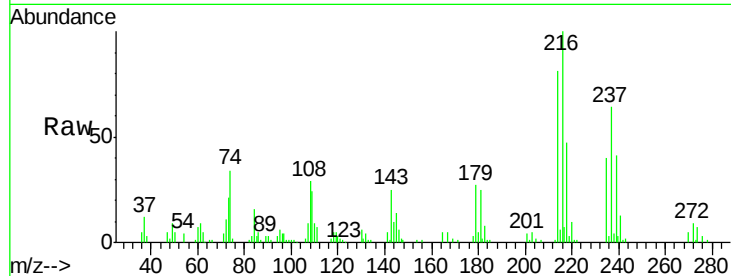
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 22.9 16.6 24.8

108 24.0 16.3 24.5

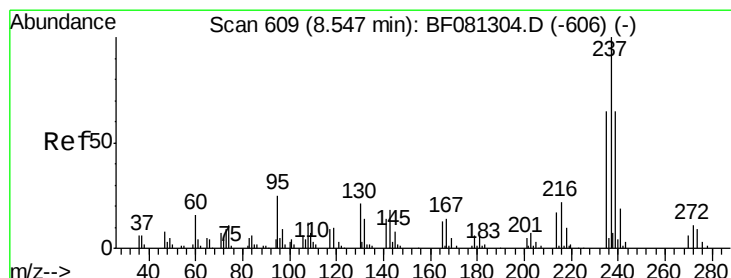
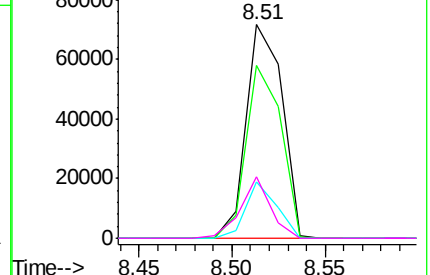
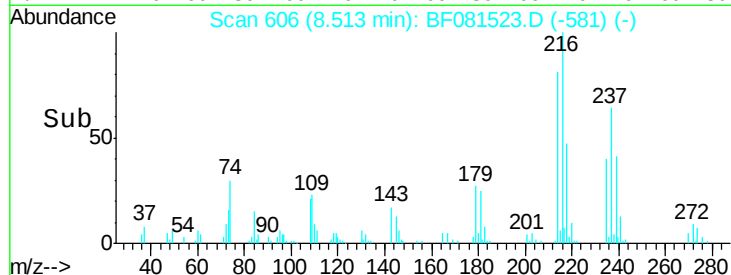


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.05 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

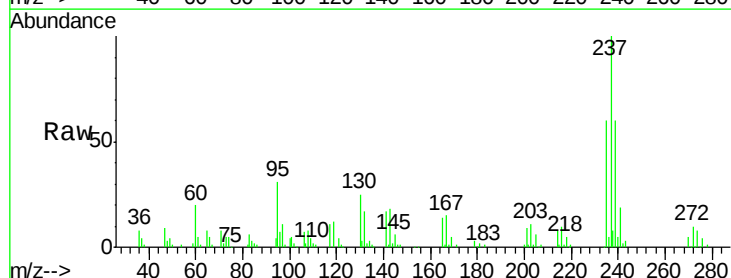
Tgt Ion:237 Resp: 99678

Ion Ratio Lower Upper

237 100

235 60.4 42.0 82.0

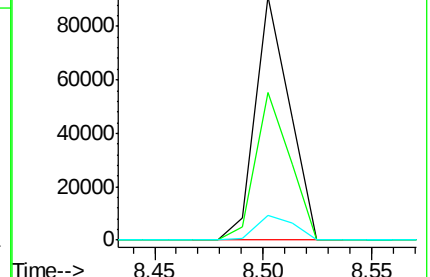
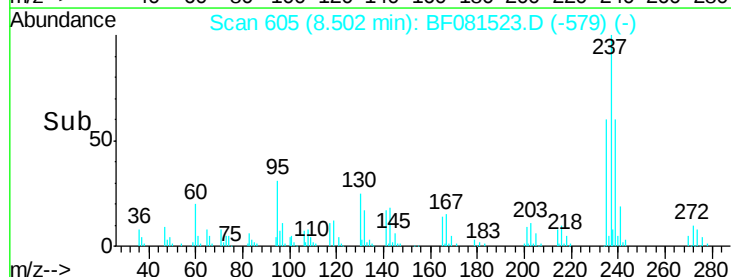
272 10.1 0.0 36.1

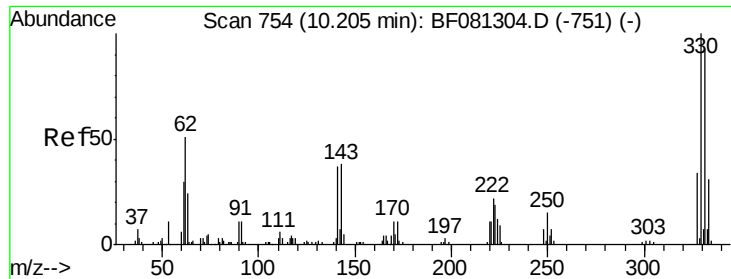


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

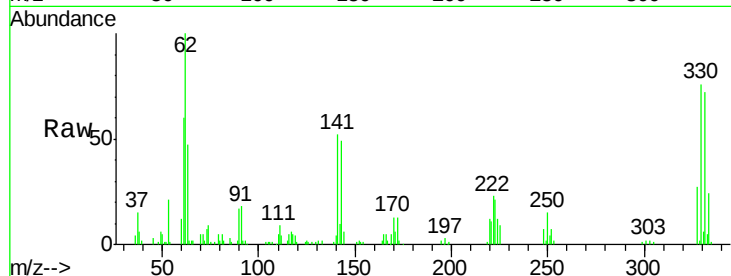




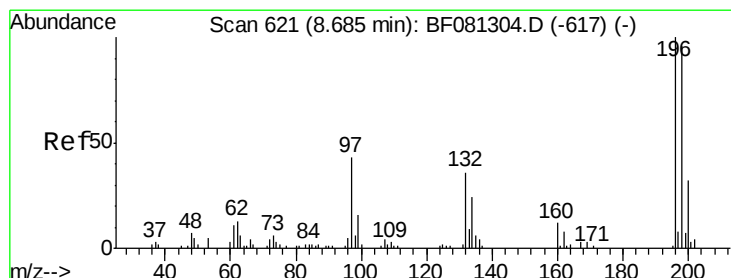
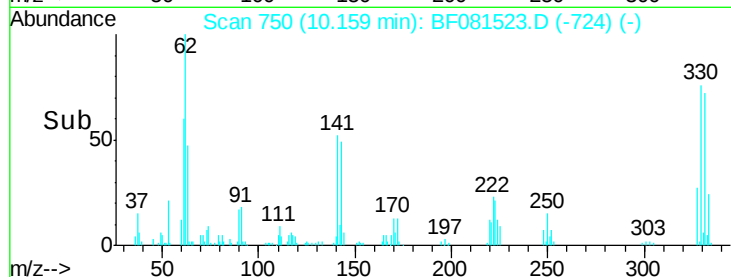
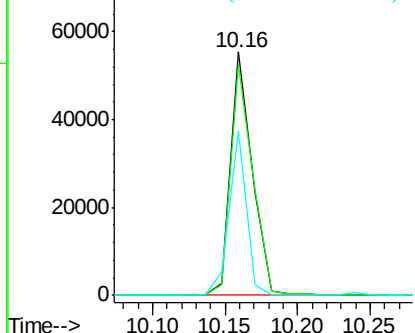
#41
 2,4,6-Tribromophenol
 Concen: 68.82 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 57001
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 54.6 29.7 44.5#

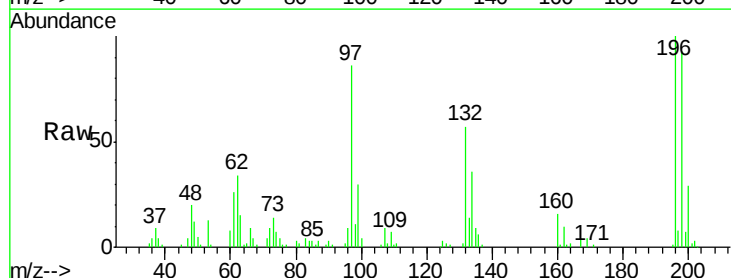


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

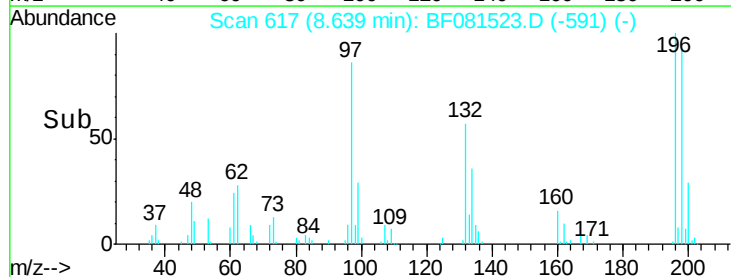
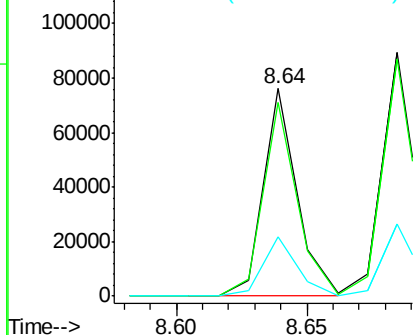


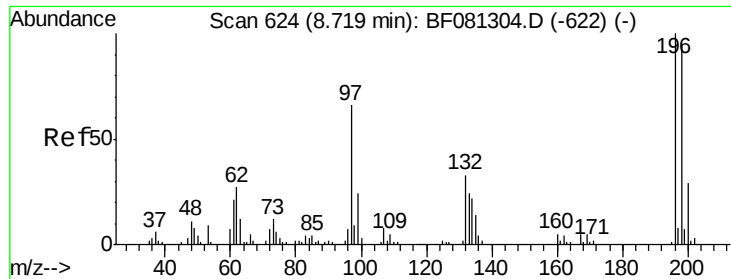
#42
 2,4,6-Trichlorophenol
 Concen: 33.77 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:196 Resp: 68553
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 28.7 23.9 35.9



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

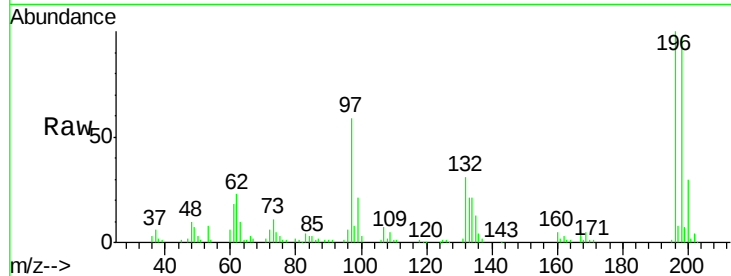




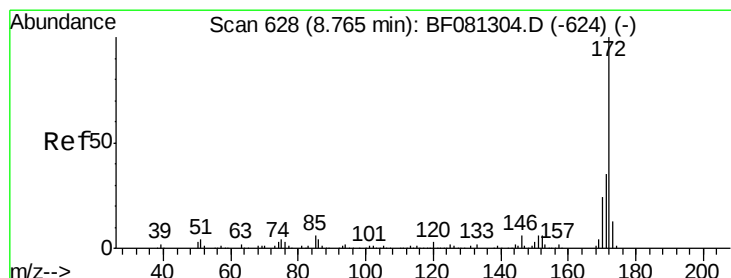
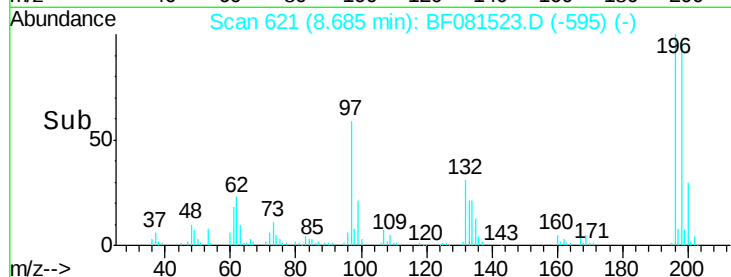
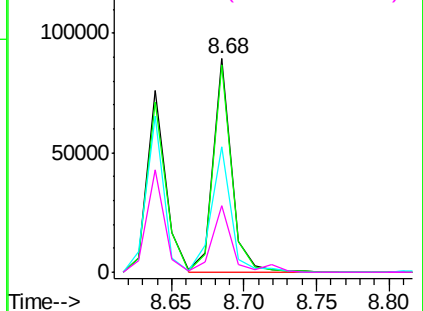
#43
 2,4,5-Trichlorophenol
 Concen: 38.03 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.4	113.0
97	58.7	33.3	49.9
132	31.0	24.6	37.0

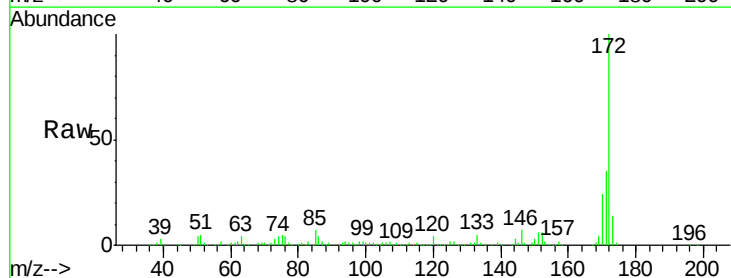


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

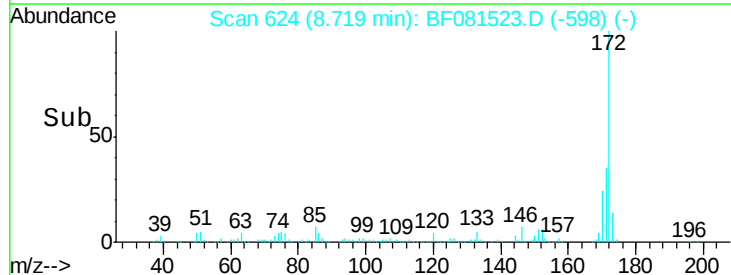
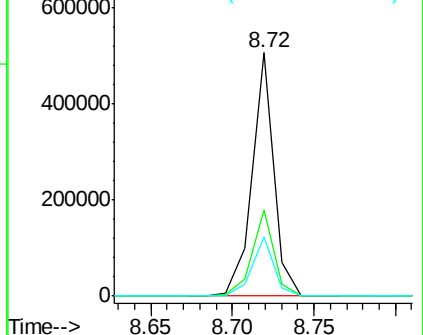


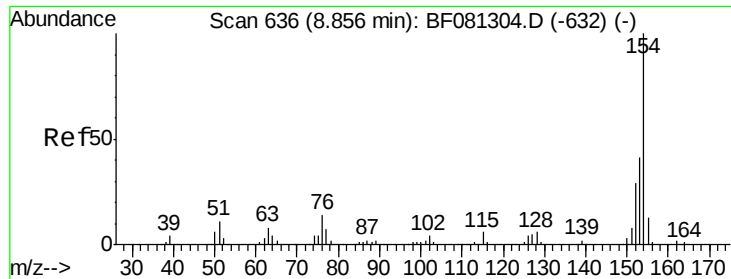
#44
 2-Fluorobiphenyl
 Concen: 64.68 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.4	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.38 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

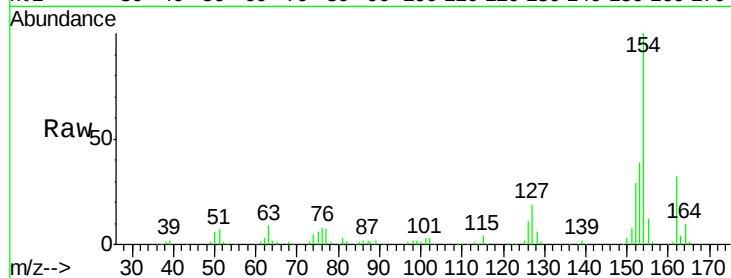
Tot Ion:154 Resp: 277132

Ion Ratio Lower Upper

154 100

153 39.1 17.1 57.1

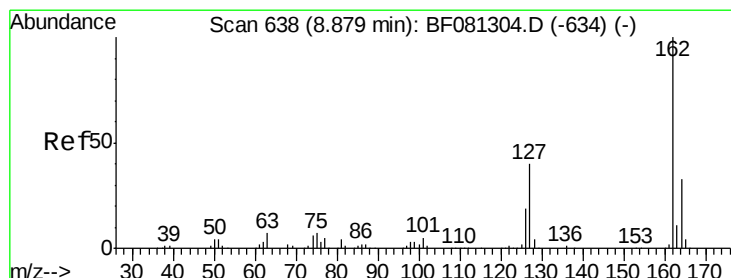
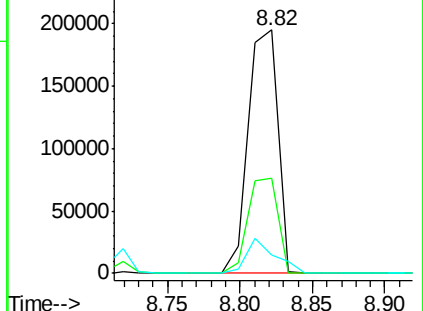
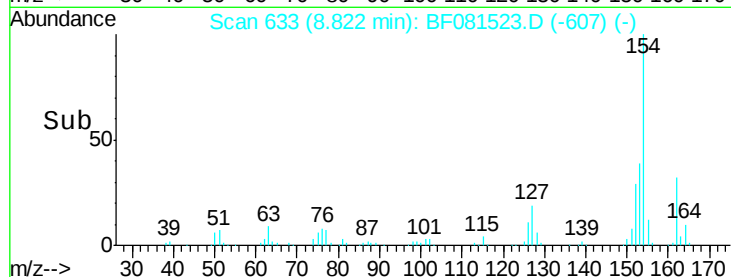
76 7.5 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.50 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

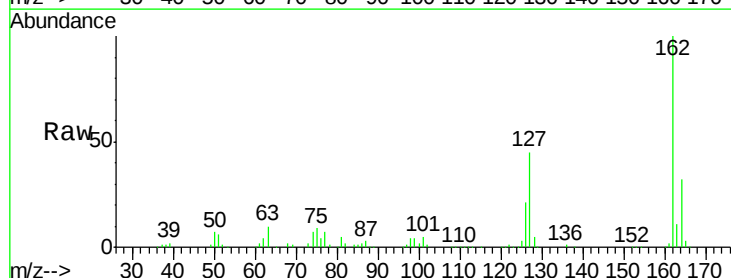
Tgt Ion:162 Resp: 225538

Ion Ratio Lower Upper

162 100

127 44.7 27.6 41.4#

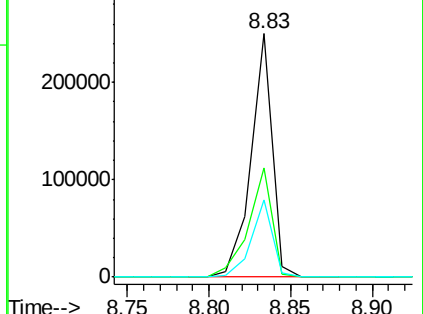
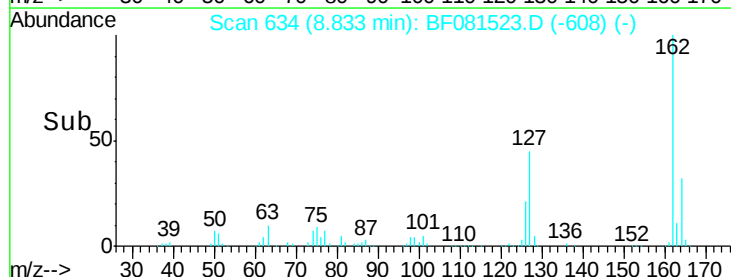
164 31.7 25.4 38.2

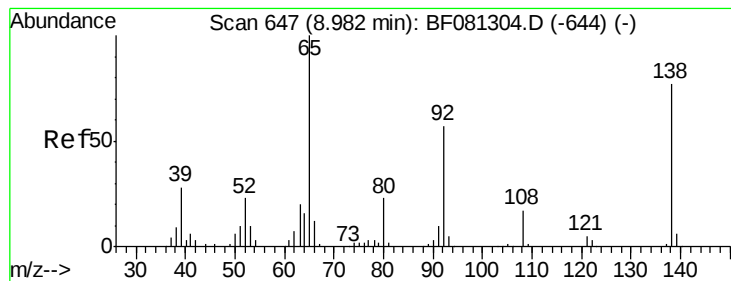


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.04 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

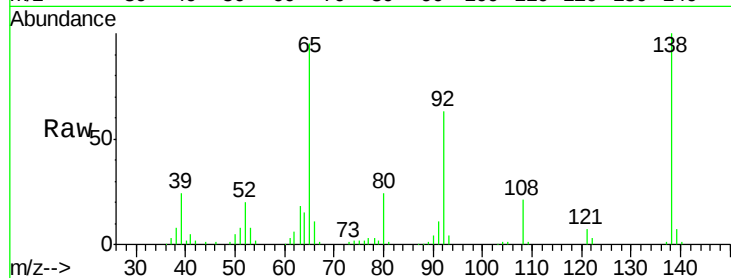
Tot Ion: 65 Resp: 93294

Ion Ratio Lower Upper

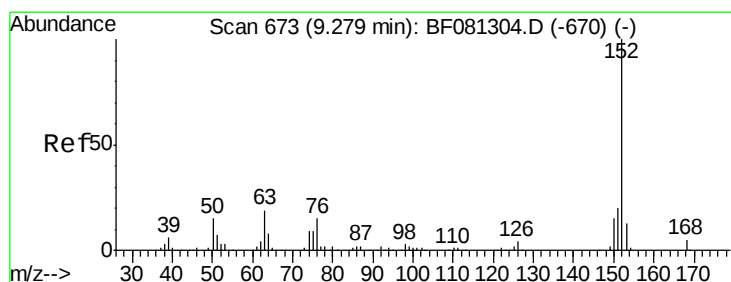
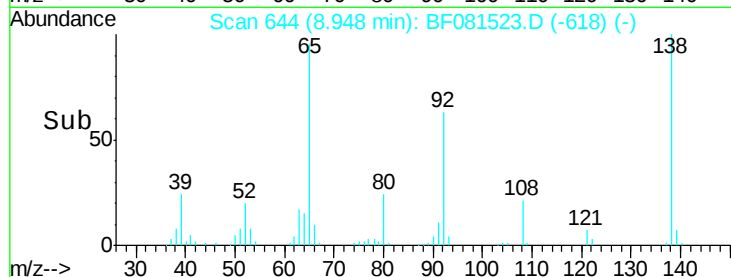
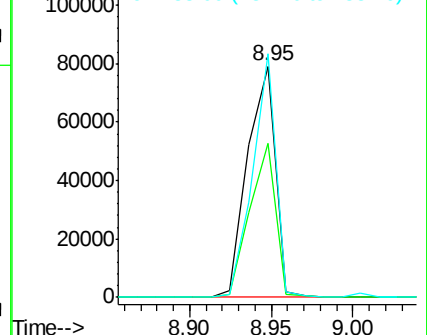
65 100

92 66.8 55.4 83.0

138 105.3 115.5 173.3#



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



#48

Acenaphthylene

Concen: 32.70 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

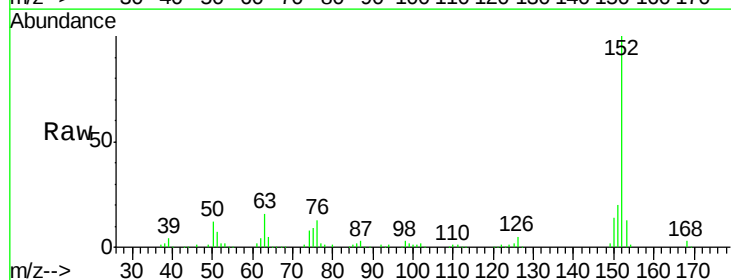
Tgt Ion: 152 Resp: 358521

Ion Ratio Lower Upper

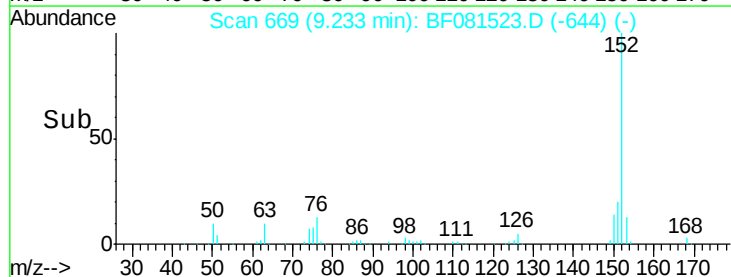
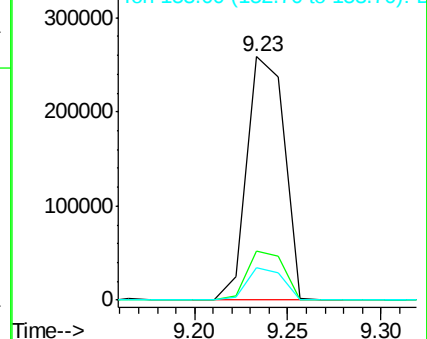
152 100

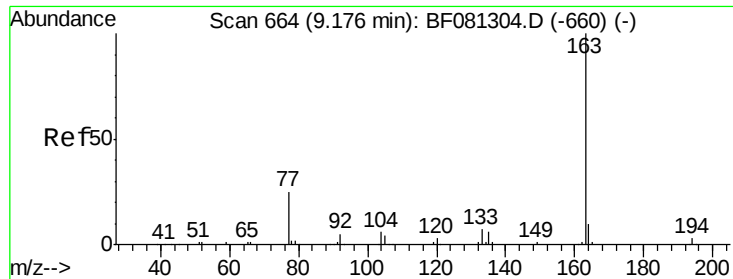
151 20.3 14.6 22.0

153 13.2 10.3 15.5



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

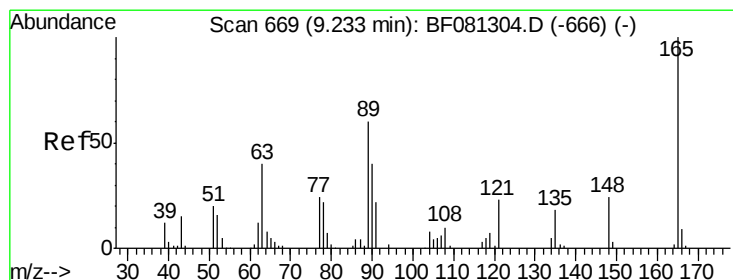
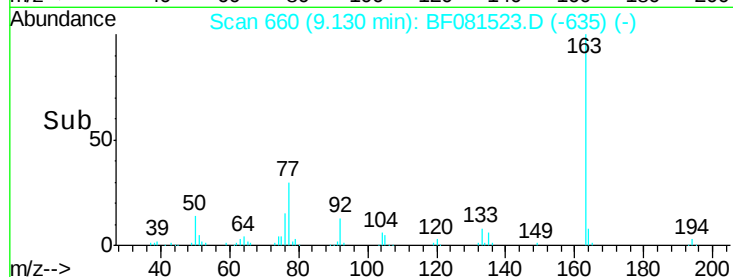
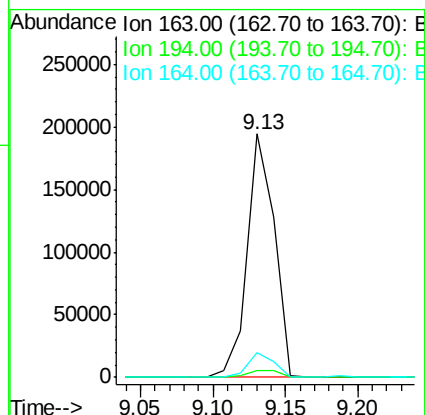
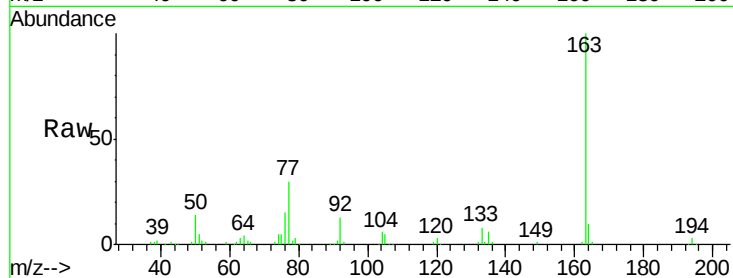




#49
Dimethylphthalate
Concen: 34.75 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

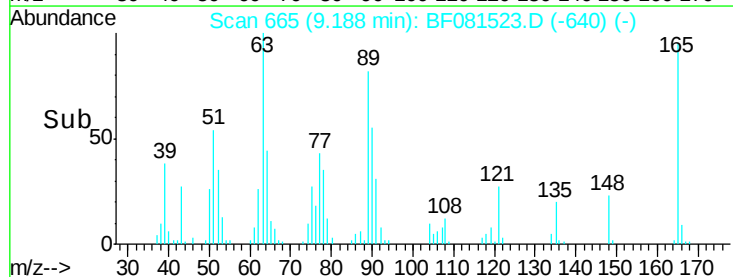
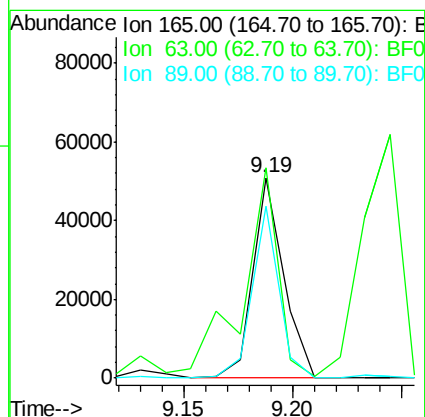
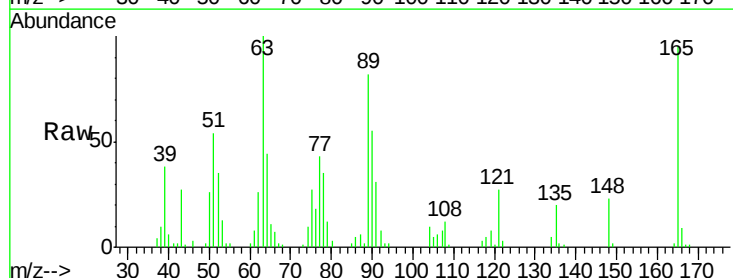
Instrument :
BNA_F
ClientSampleId :

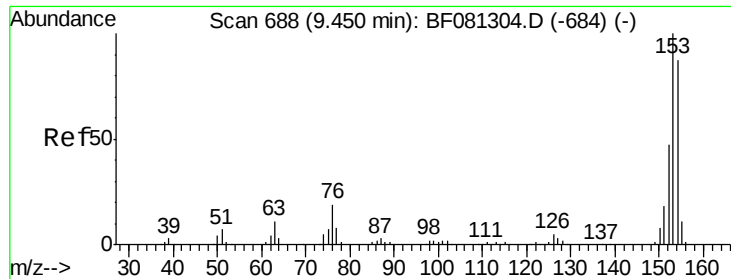
Tot Ion:163 Resp: 251166
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 30.49 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:165 Resp: 50005
Ion Ratio Lower Upper
165 100
63 105.0 32.3 48.5#
89 86.1 28.6 43.0#





#51

Acenaphthene

Concen: 34.20 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

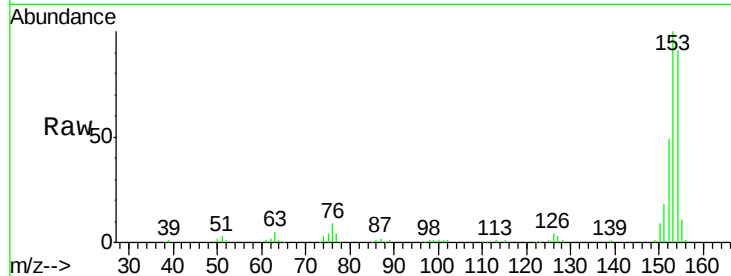
Tot Ion:154 Resp: 213329

Ion Ratio Lower Upper

154 100

153 110.2 82.1 123.1

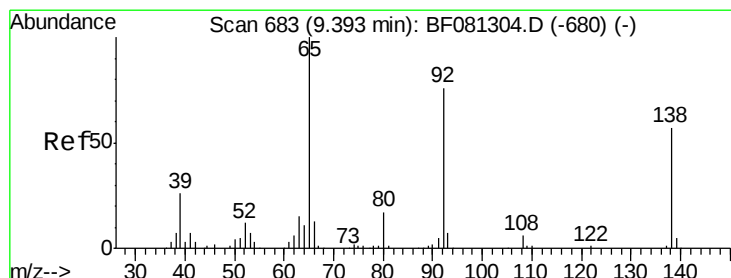
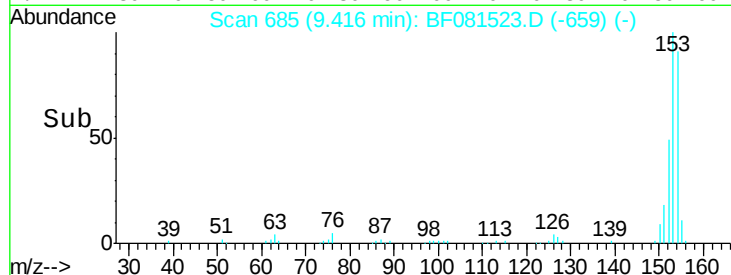
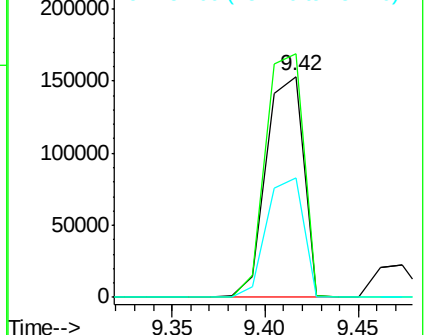
152 53.8 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.32 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

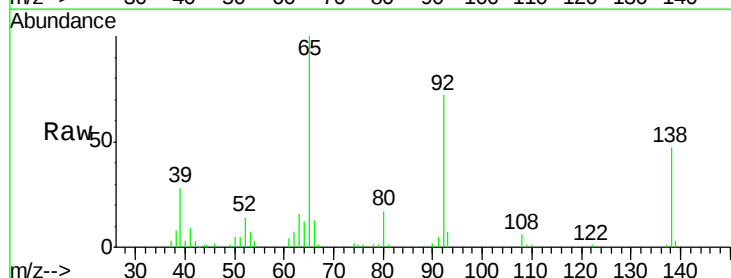
Tgt Ion:138 Resp: 37941

Ion Ratio Lower Upper

138 100

108 13.2 5.7 8.5#

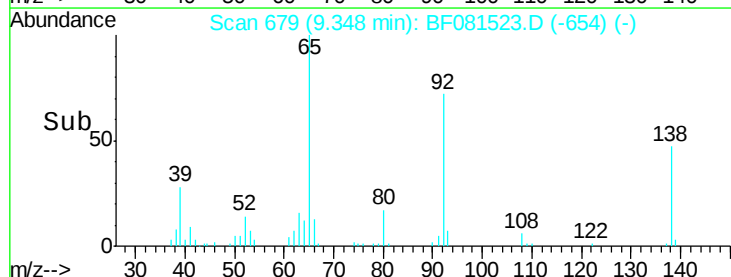
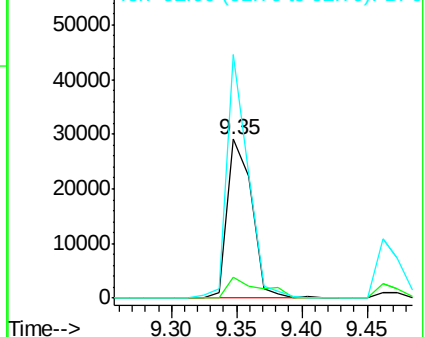
92 153.2 67.7 101.5#

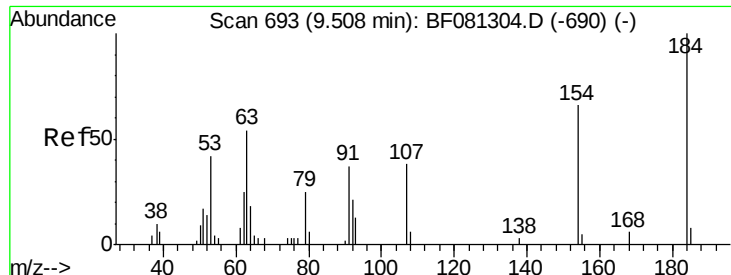


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

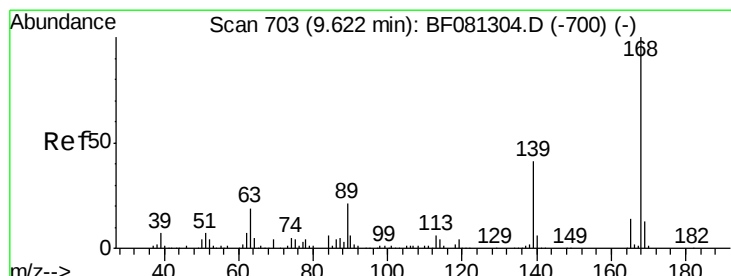
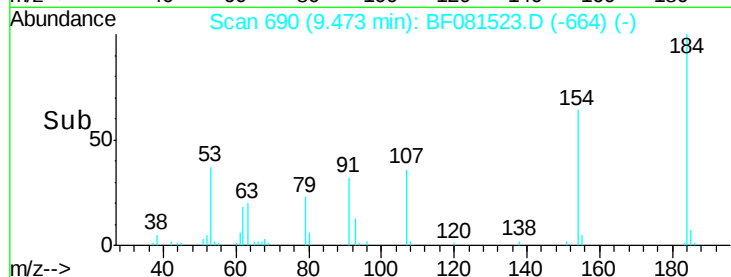
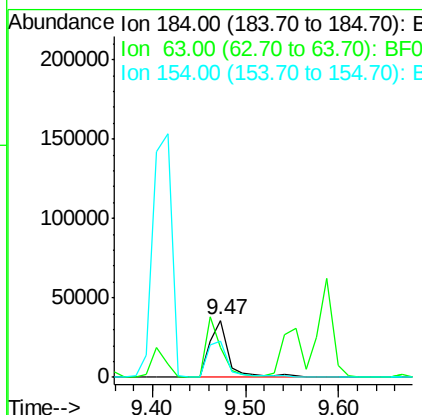
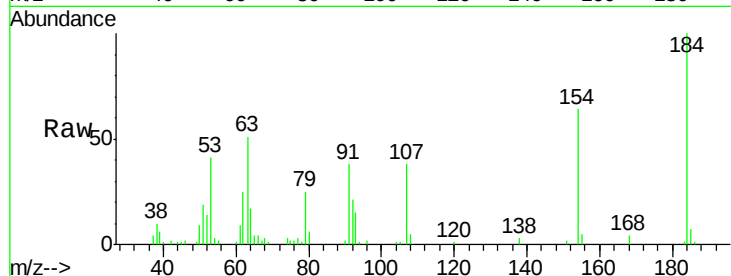




#53
 2,4-Dinitrophenol
 Concen: 73.73 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

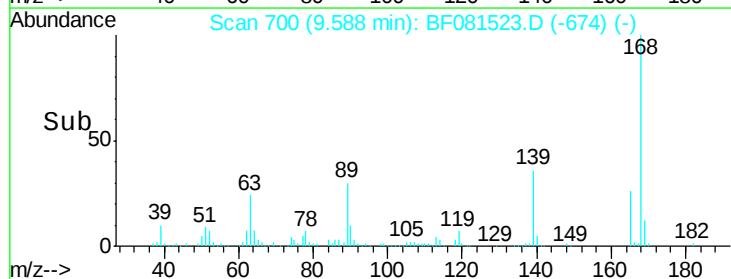
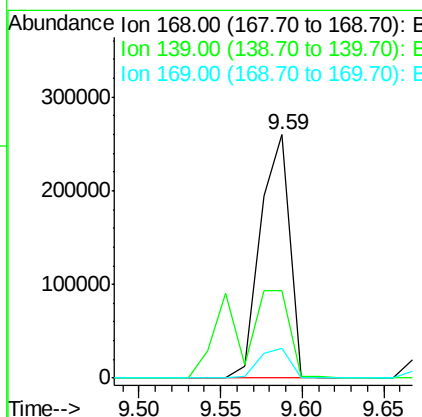
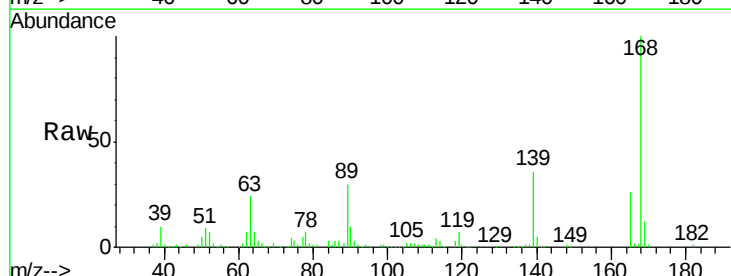
Instrument :
 BNA_F
 ClientSampleId :

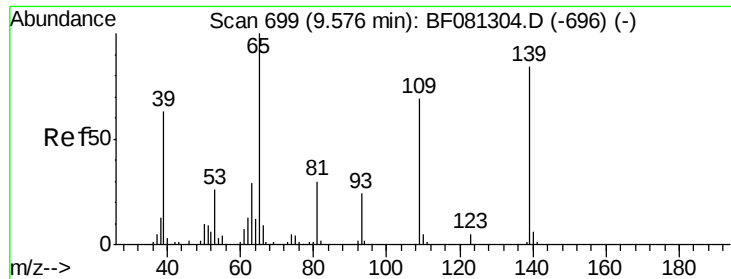
Tot Ion:184 Resp: 50935
 Ion Ratio Lower Upper
 184 100
 63 51.3 35.4 53.2
 154 63.6 32.2 48.4#



#54
 Dibenzofuran
 Concen: 35.41 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:168 Resp: 322447
 Ion Ratio Lower Upper
 168 100
 139 35.8 24.2 36.2
 169 12.4 10.6 15.8

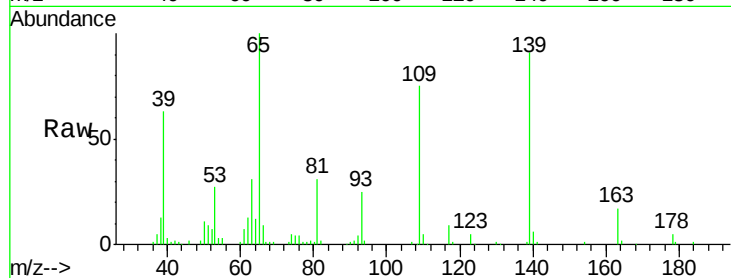




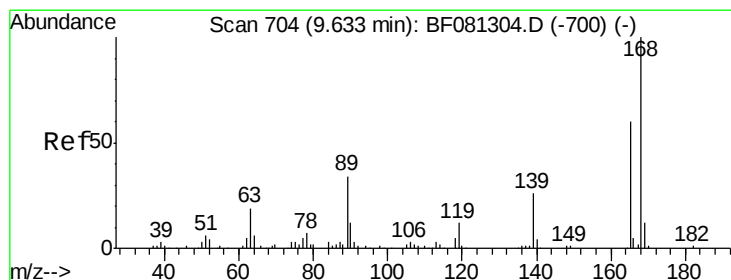
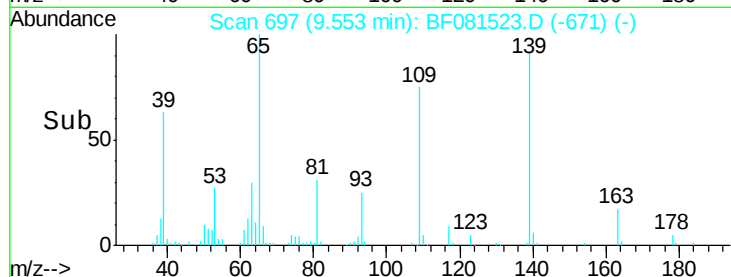
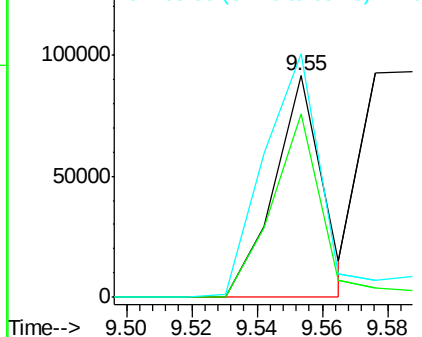
#55
4-Nitrophenol
Concen: 78.93 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 92595
Ion Ratio Lower Upper
139 100
109 83.0 12.7 52.7#
65 110.0 45.9 85.9#

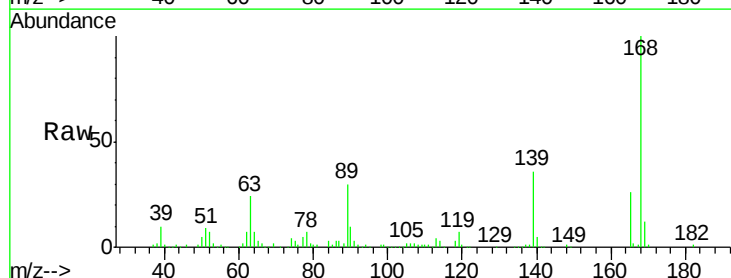


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

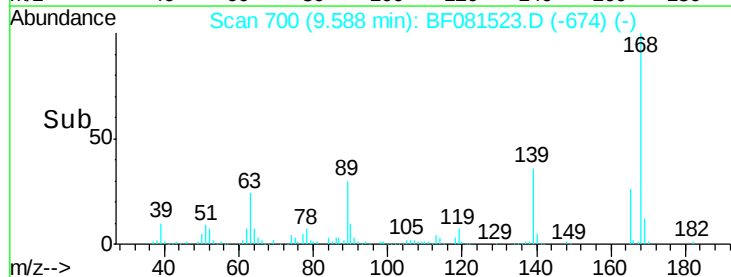
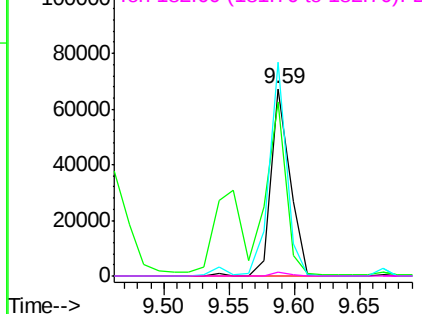


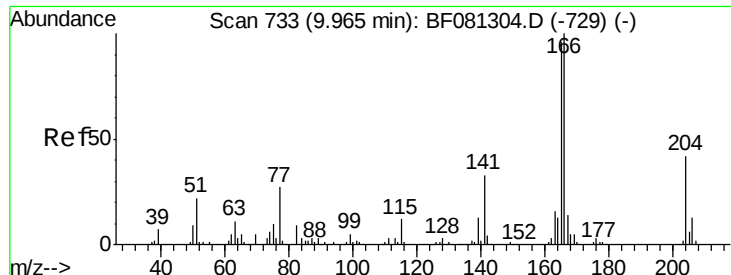
#56
2,4-Dinitrotoluene
Concen: 33.08 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:165 Resp: 69087
Ion Ratio Lower Upper
165 100
63 92.8 29.8 44.6#
89 114.2 44.5 66.7#
182 2.1 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

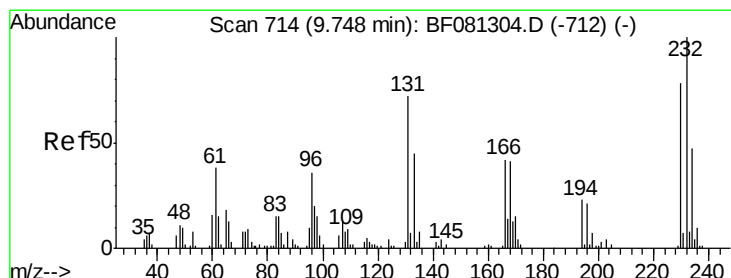
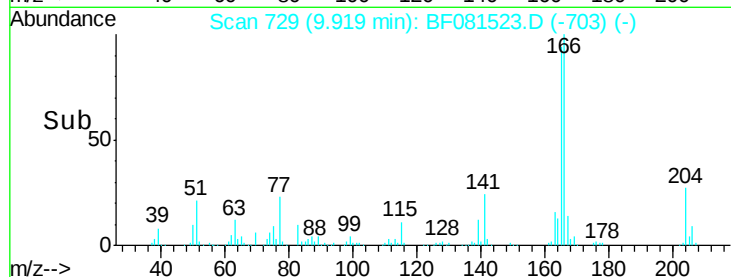
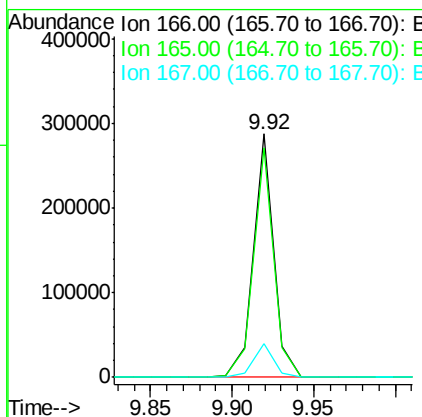
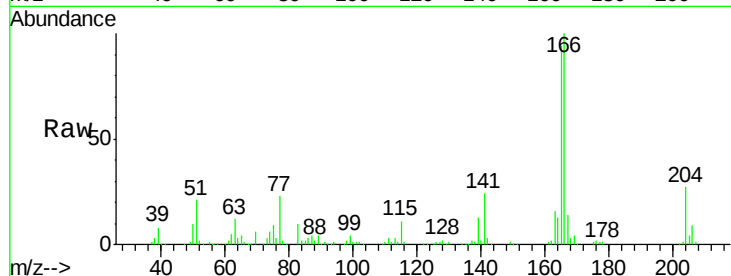




#57
 Fluorene
 Concen: 35.87 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

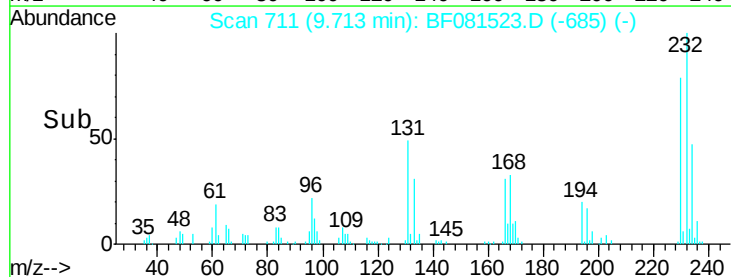
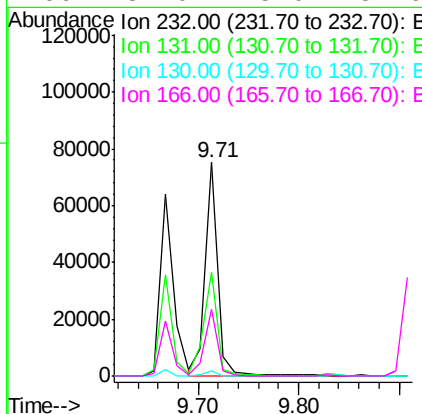
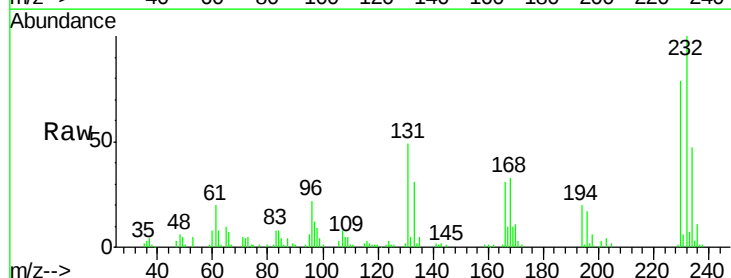
Instrument :
 BNA_F
 ClientSampleId :

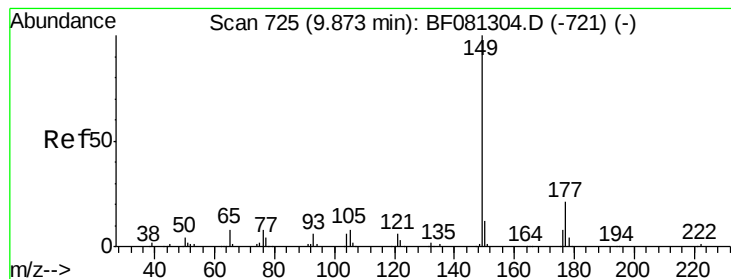
Tot Ion:166 Resp: 247933
 Ion Ratio Lower Upper
 166 100
 165 94.2 72.6 109.0
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.83 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:232 Resp: 66142
 Ion Ratio Lower Upper
 232 100
 131 52.9 38.5 57.7
 130 2.3 1.8 2.6
 166 31.0 25.0 37.6





#59

Diethylphthalate

Concen: 37.02 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

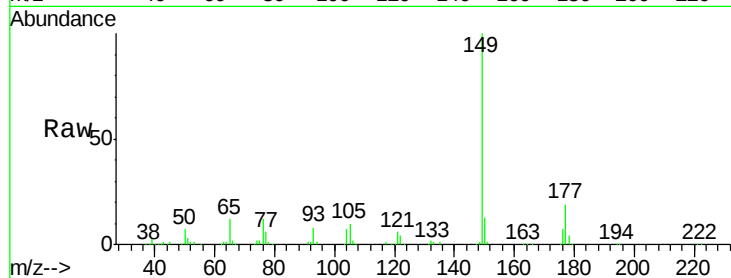
Tot Ion:149 Resp: 281436

Ion Ratio Lower Upper

149 100

177 19.2 17.5 26.3

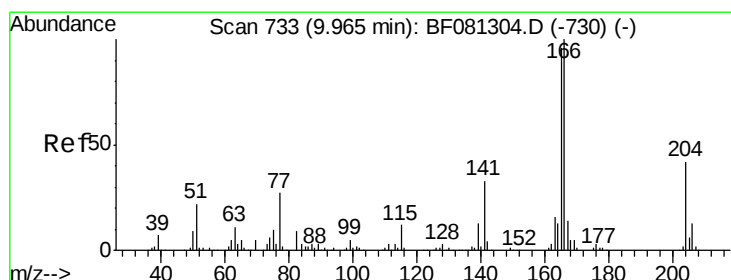
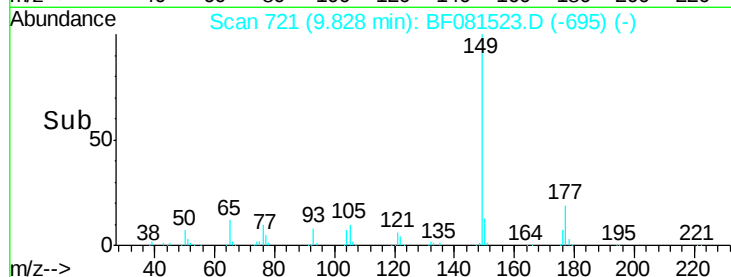
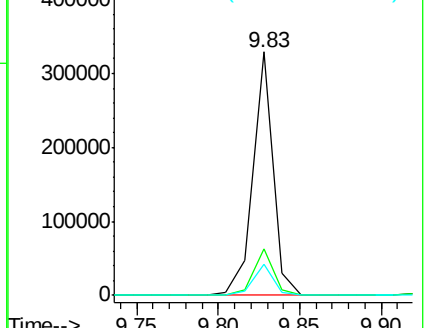
150 12.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.75 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

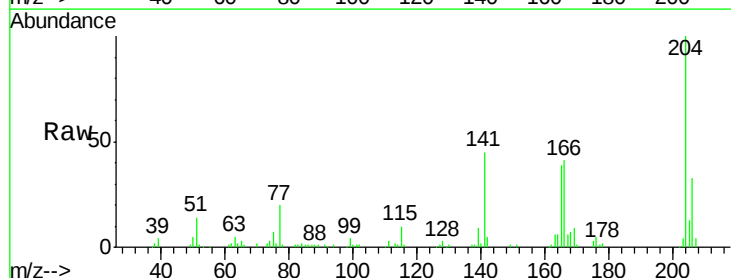
Tgt Ion:204 Resp: 118387

Ion Ratio Lower Upper

204 100

206 32.9 24.8 37.2

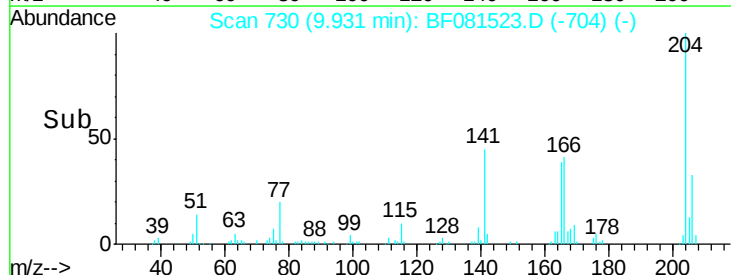
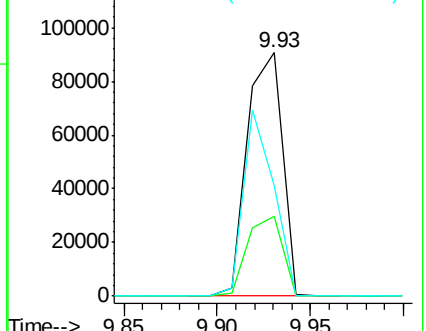
141 45.2 42.2 63.4

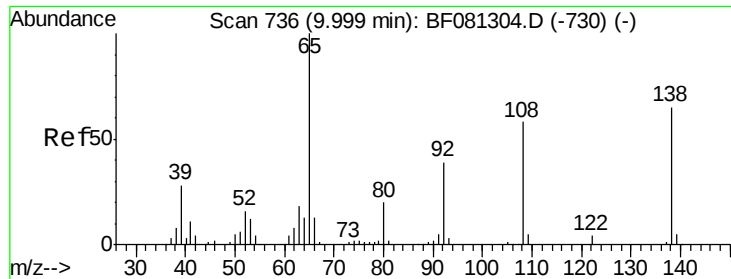


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

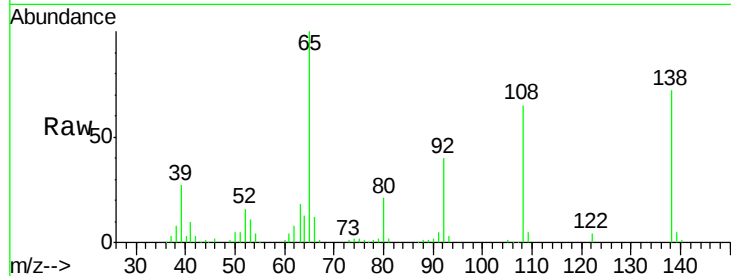




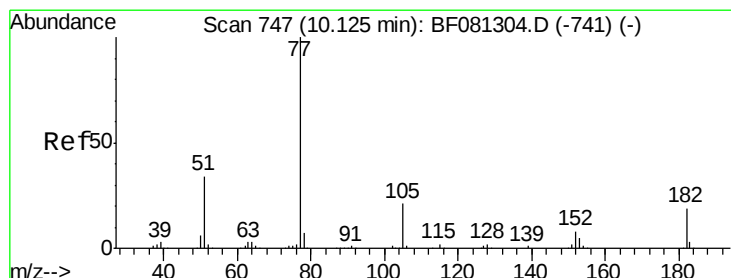
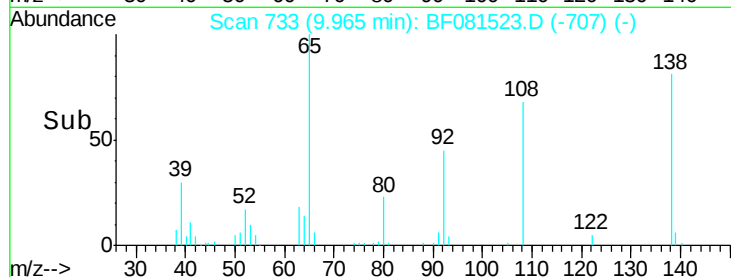
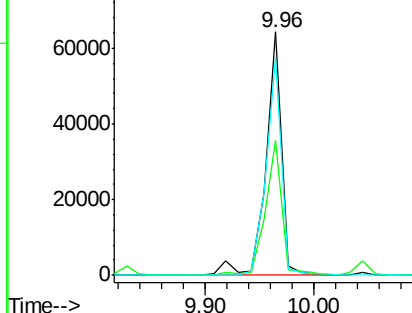
#61
4-Nitroaniline
Concen: 34.90 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 65833
Ion Ratio Lower Upper
138 100
92 55.5 12.6 52.6#
108 89.6 12.4 52.4#

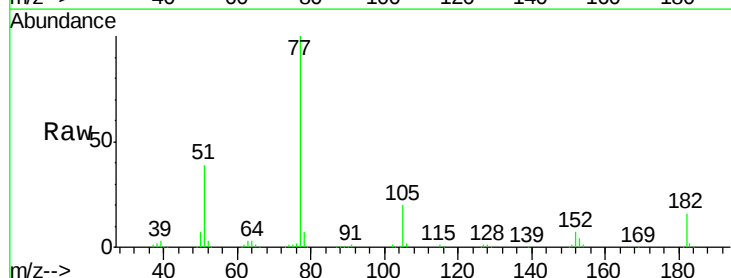


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

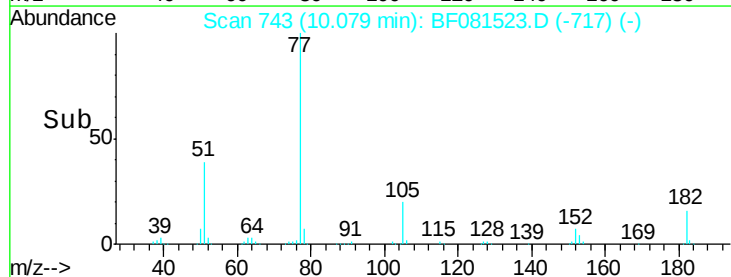
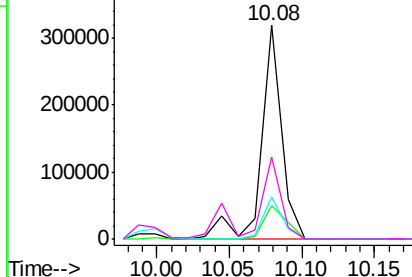


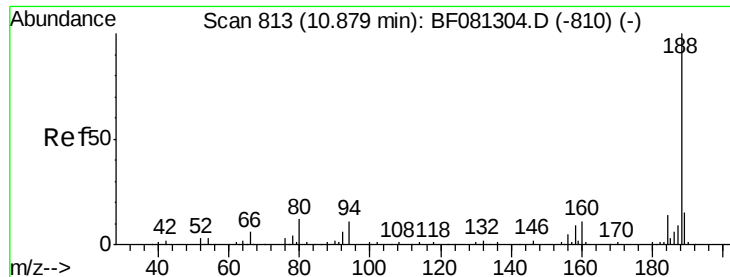
#62
Azobenzene
Concen: 36.94 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion: 77 Resp: 312195
Ion Ratio Lower Upper
77 100
182 15.6 15.1 55.1
105 19.5 3.4 43.4
51 38.6 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

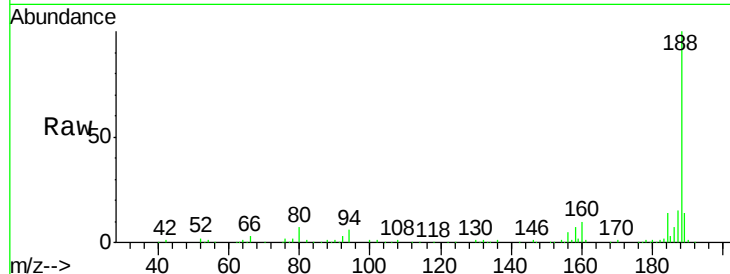




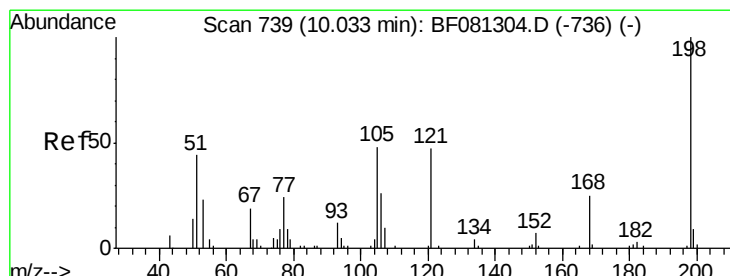
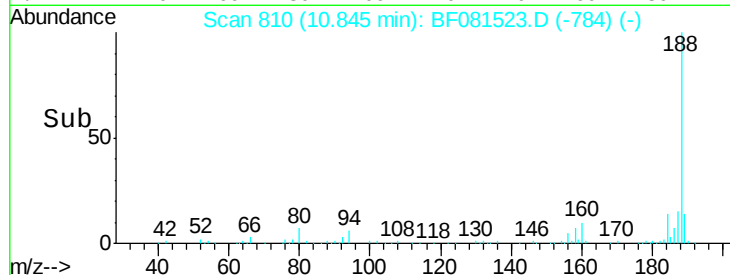
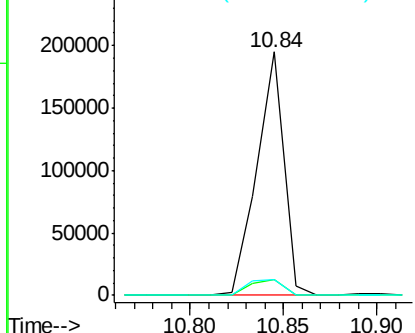
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 194870
 Ion Ratio Lower Upper
 188 100
 94 6.4 11.1 16.7#
 80 6.5 11.0 16.4#

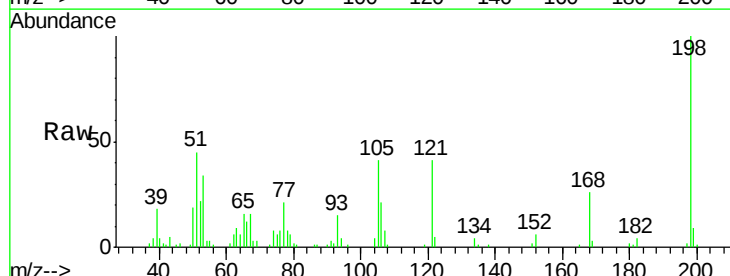


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

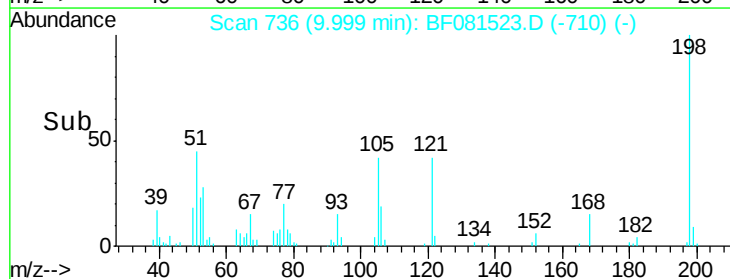
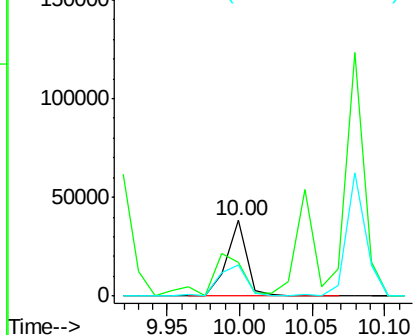


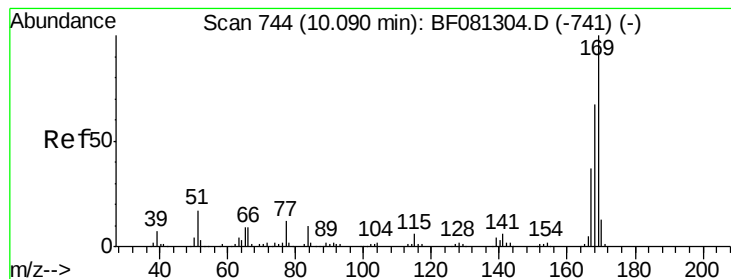
#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.91 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:198 Resp: 36962
 Ion Ratio Lower Upper
 198 100
 51 44.5 39.6 79.6
 105 41.2 28.5 68.5



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

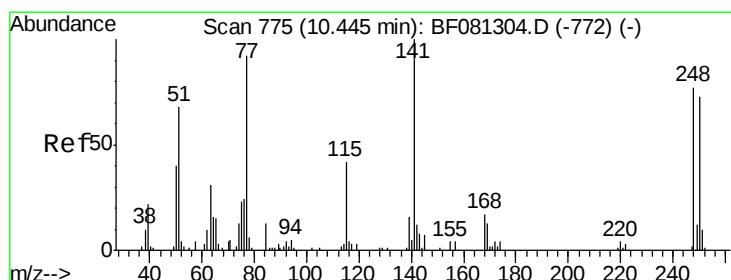
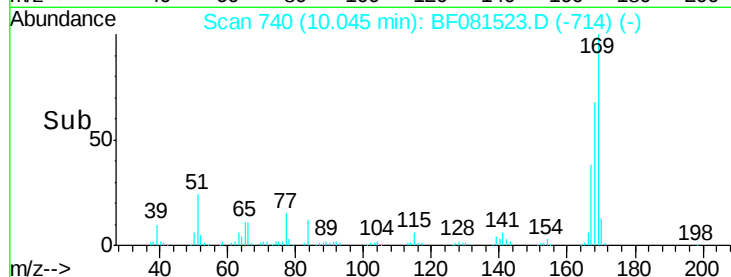
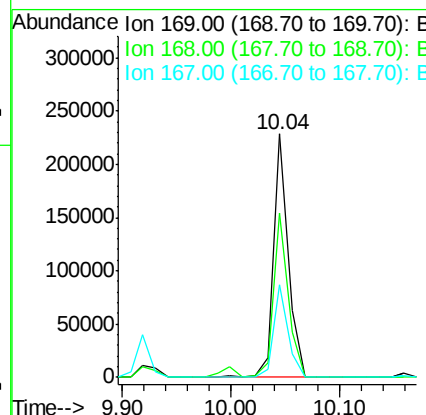
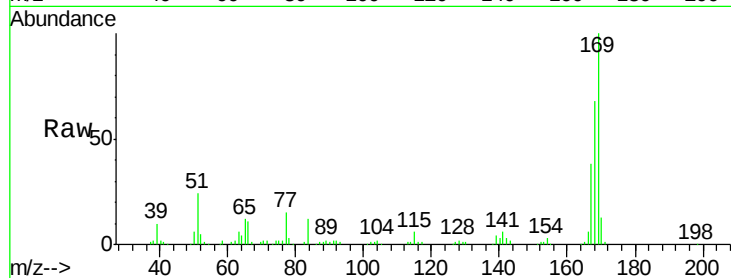




#65
 n-Nitrosodiphenylamine
 Concen: 30.35 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

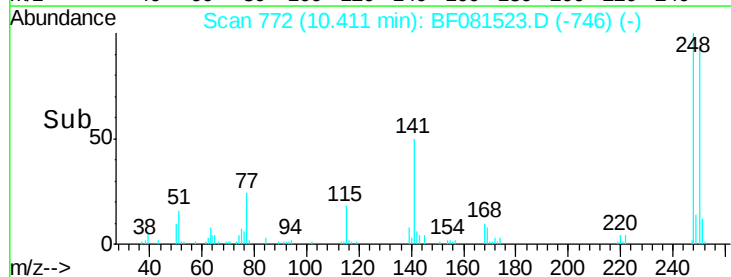
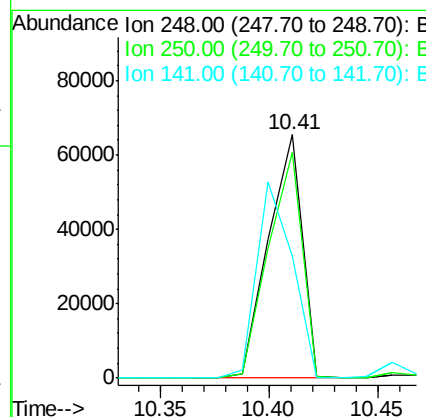
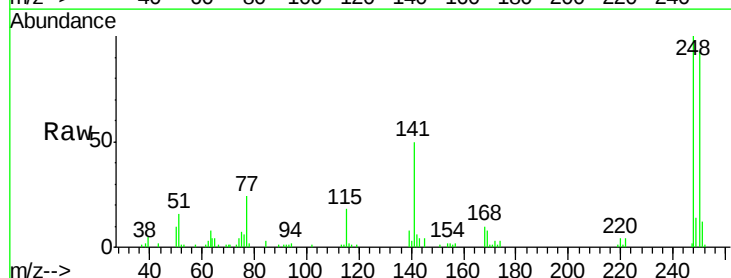
Instrument :
 BNA_F
 ClientSampleId :

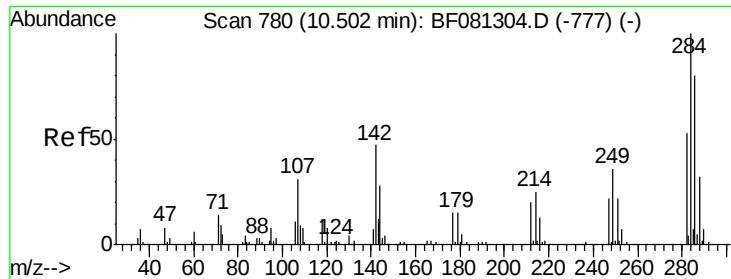
Tot Ion:169 Resp: 215227
 Ion Ratio Lower Upper
 169 100
 168 67.7 48.9 73.3
 167 37.8 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 36.47 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:248 Resp: 71857
 Ion Ratio Lower Upper
 248 100
 250 92.8 78.5 117.7
 141 50.1 59.0 88.6#

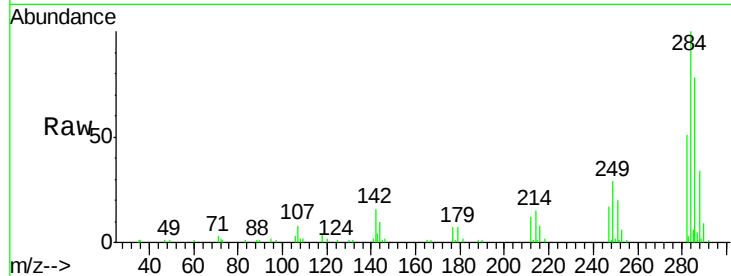




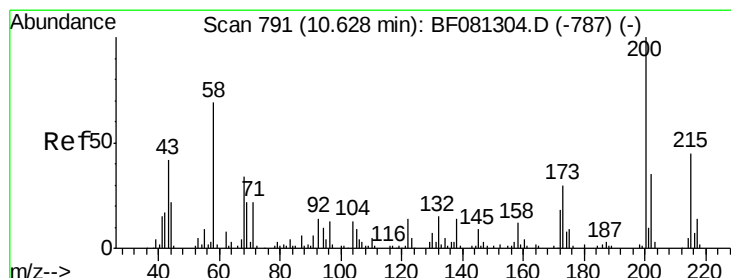
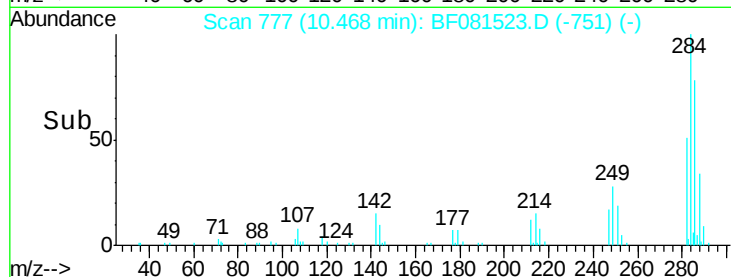
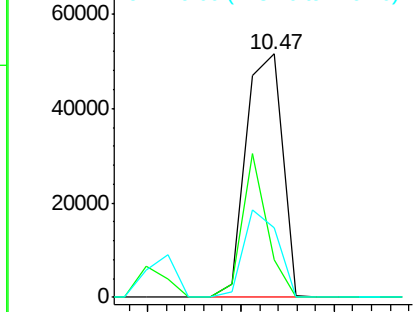
#67
Hexachlorobenzene
Concen: 33.79 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 69619
Ion Ratio Lower Upper
284 100
142 15.6 29.5 44.3#
249 28.5 19.5 29.3

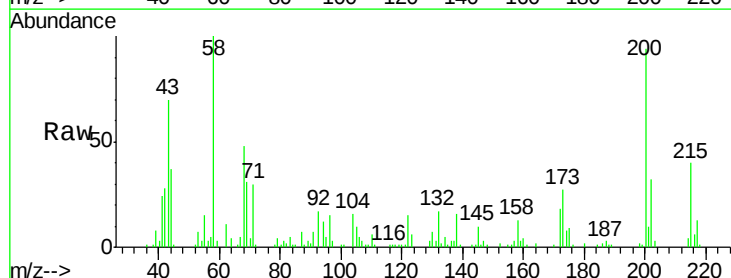


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

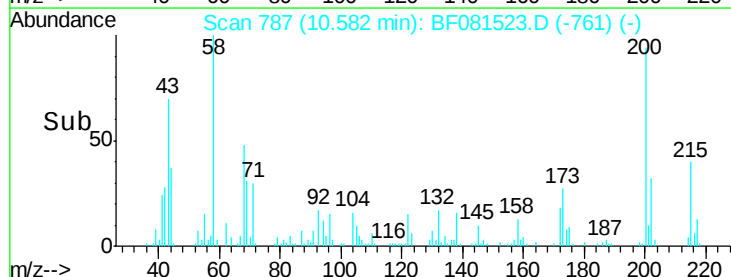
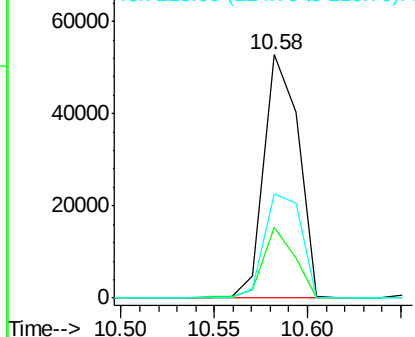


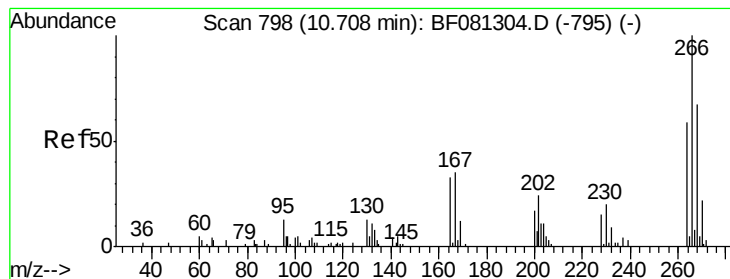
#68
Atrazine
Concen: 33.00 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:200 Resp: 67718
Ion Ratio Lower Upper
200 100
173 29.0 13.2 53.2
215 42.8 41.8 81.8



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: 67.60 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

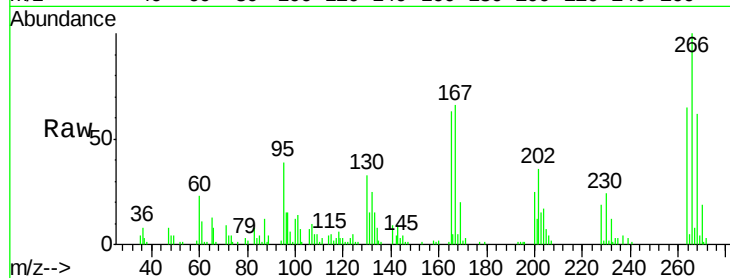
Tot Ion:266 Resp: 66274

Ion Ratio Lower Upper

266 100

268 61.7 49.8 74.6

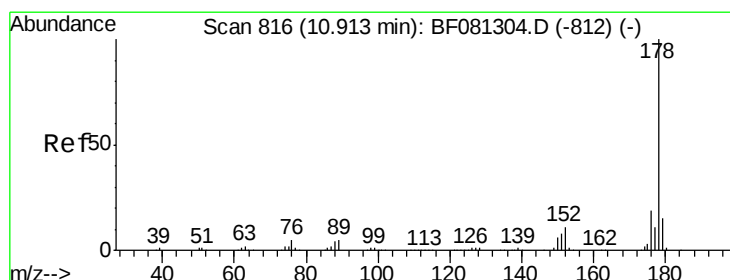
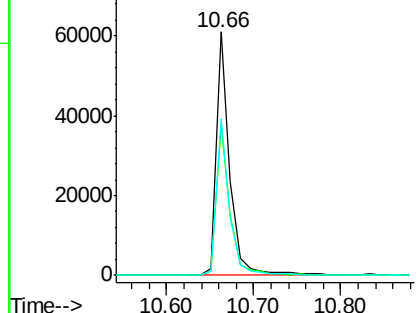
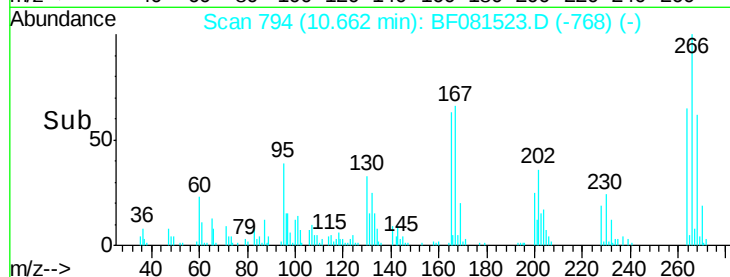
264 64.5 50.2 75.2



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: 37.05 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

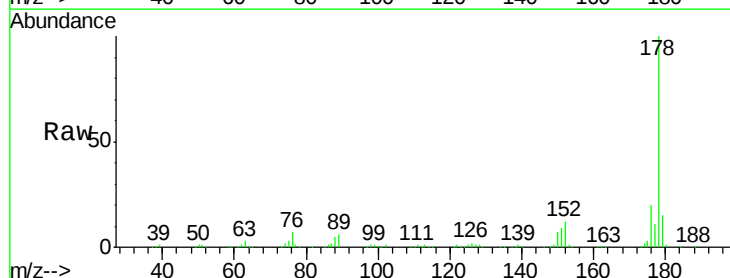
Tgt Ion:178 Resp: 401398

Ion Ratio Lower Upper

178 100

176 19.9 13.8 20.8

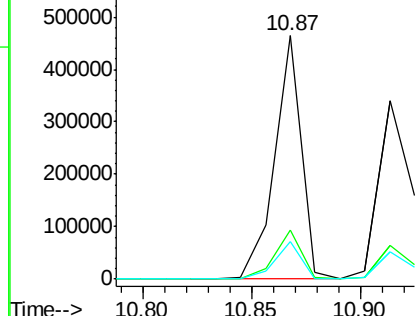
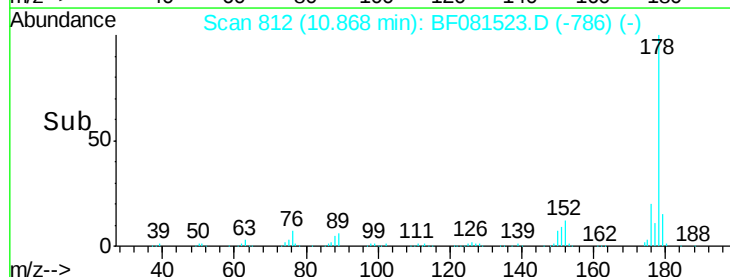
179 15.5 12.2 18.2

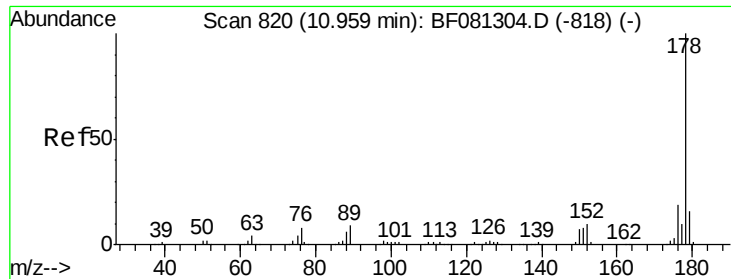


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

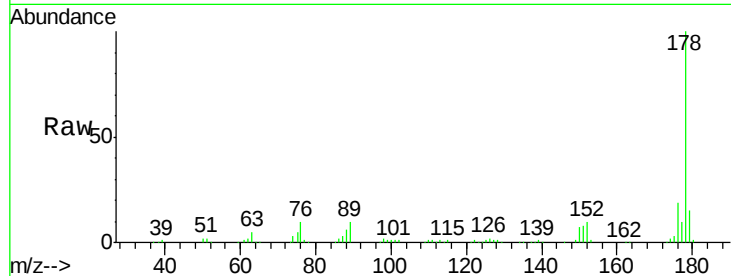




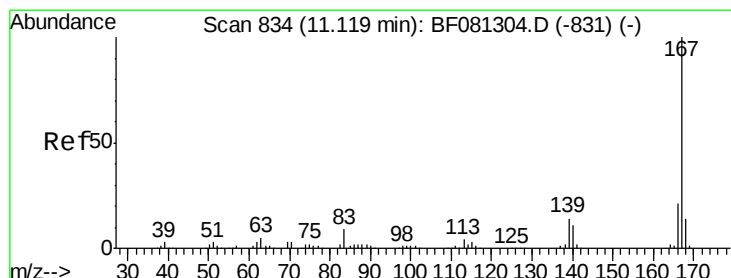
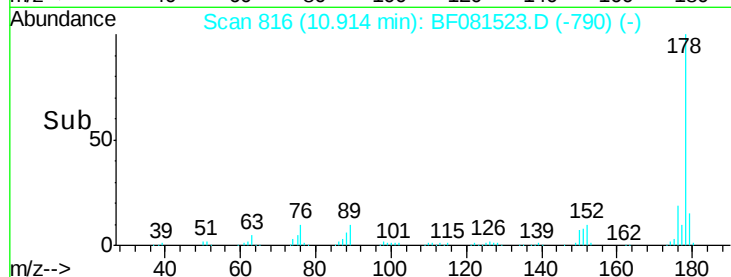
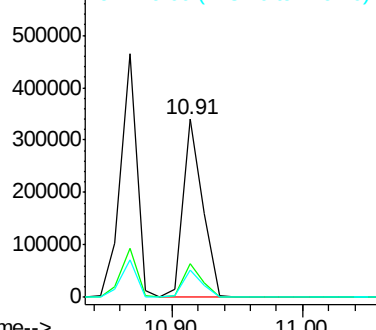
#71
 Anthracene
 Concen: 32.06 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 356799
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.5 12.2 18.2

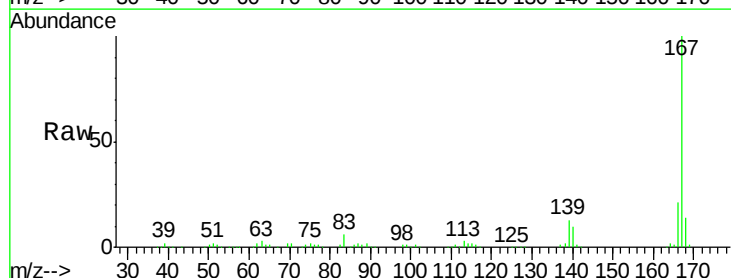


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

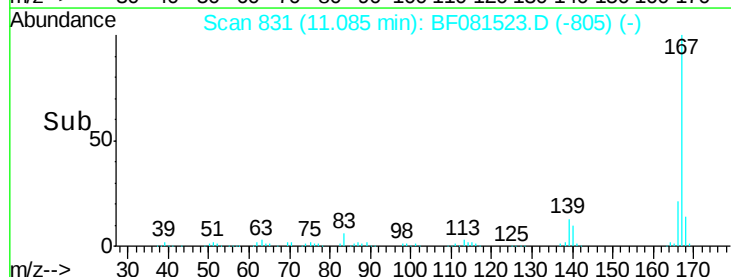
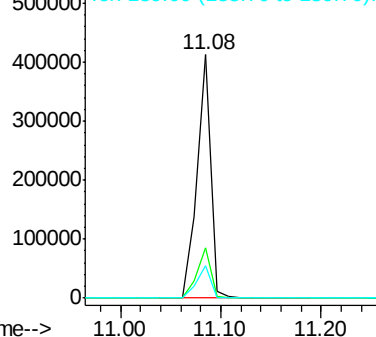


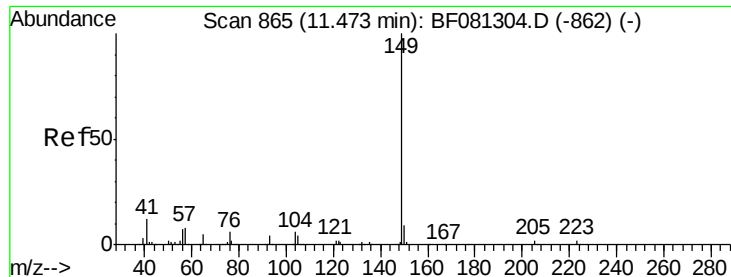
#72
 Carbazole
 Concen: 37.35 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:167 Resp: 390125
 Ion Ratio Lower Upper
 167 100
 166 20.9 15.7 23.5
 139 13.2 9.5 14.3



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: 39.66 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

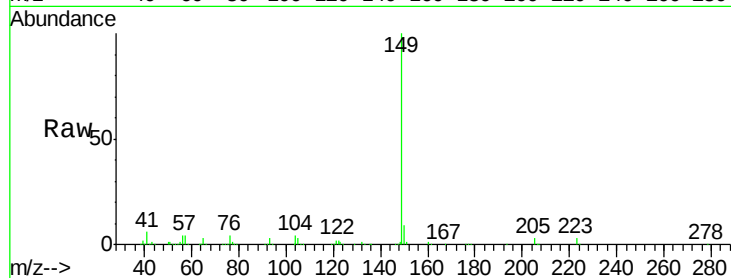
Tot Ion:149 Resp: 489127

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

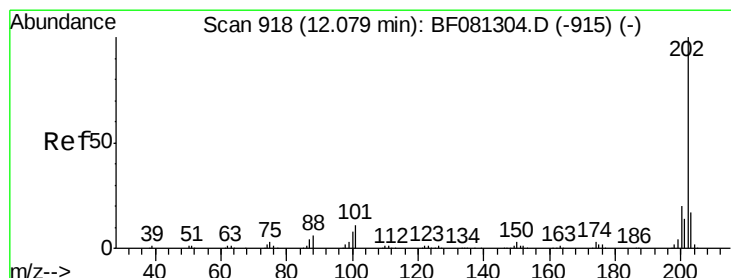
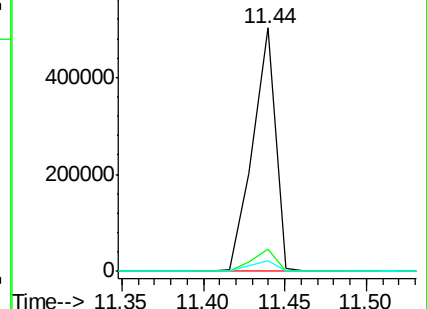
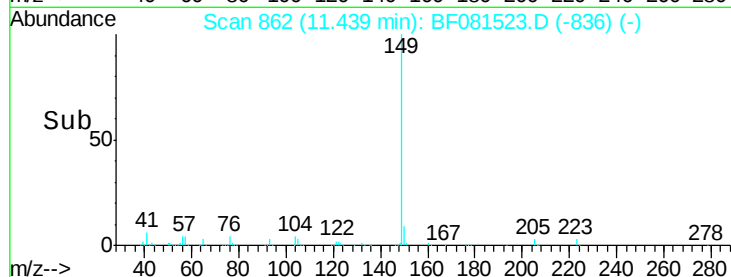
104 4.3 2.4 3.6#



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: 33.02 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

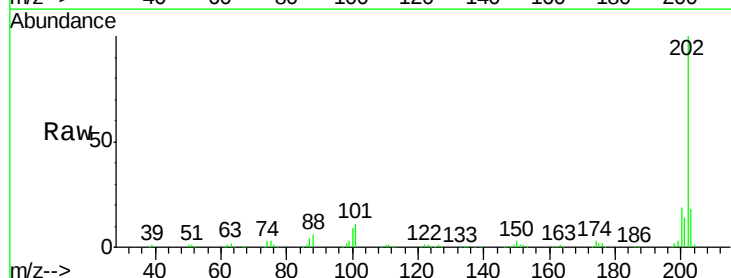
Tgt Ion:202 Resp: 387303

Ion Ratio Lower Upper

202 100

101 11.3 0.0 38.3

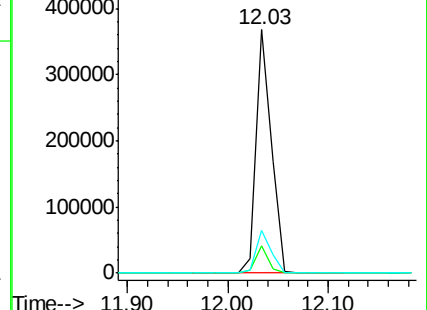
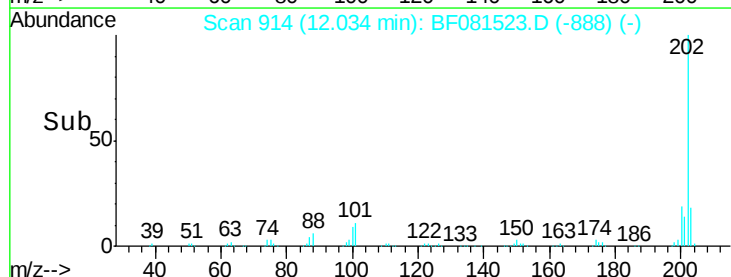
203 17.6 0.0 37.3

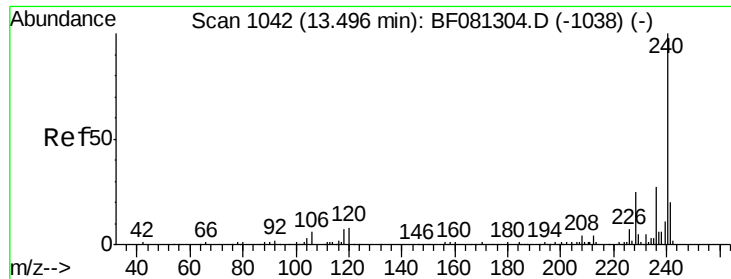


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

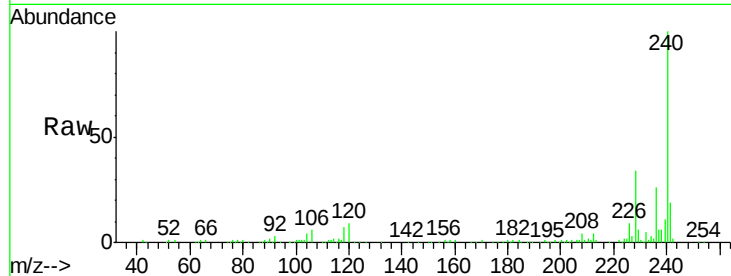
Tot Ion:240 Resp: 161303

Ion Ratio Lower Upper

240 100

120 8.6 16.2 24.2#

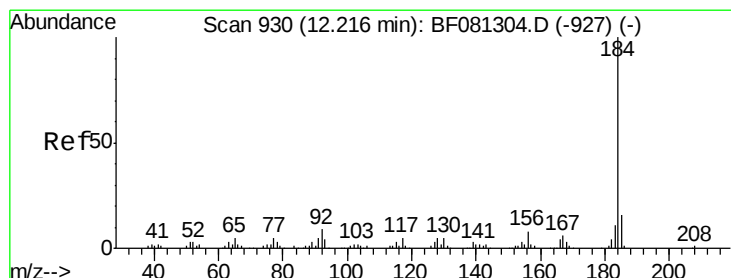
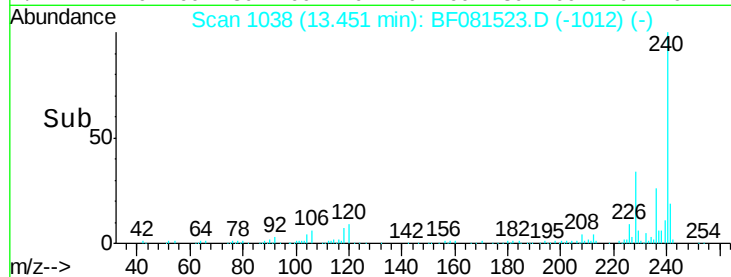
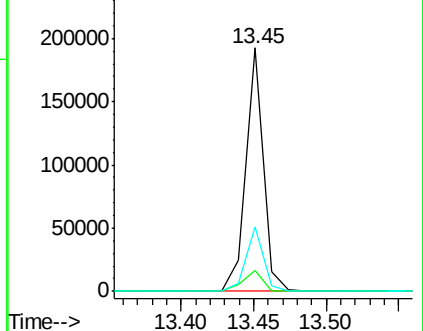
236 26.5 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.83 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

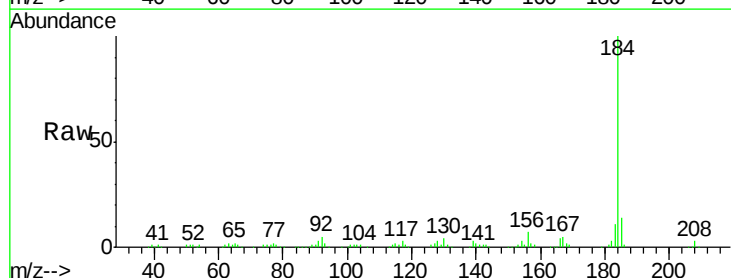
Tgt Ion:184 Resp: 199645

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

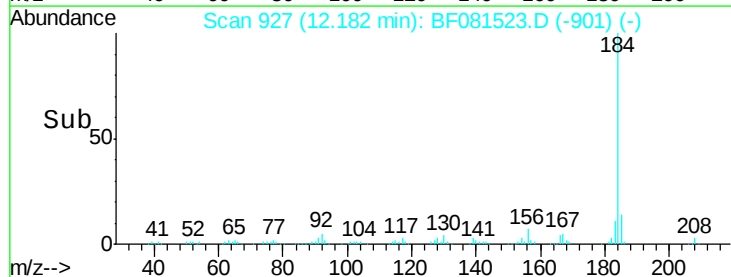
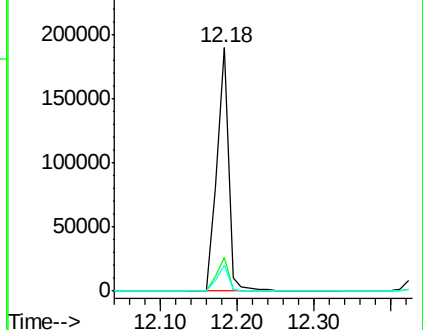
183 10.8 7.6 11.4

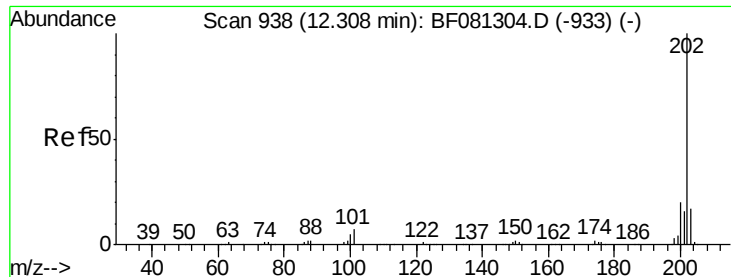


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

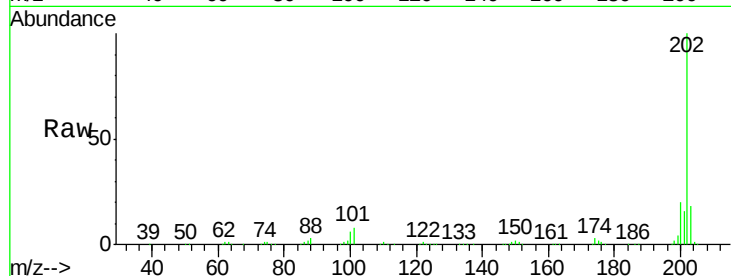




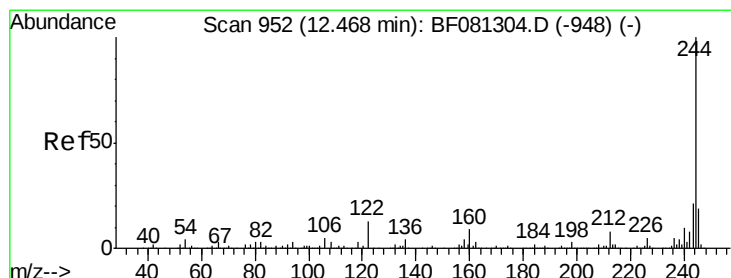
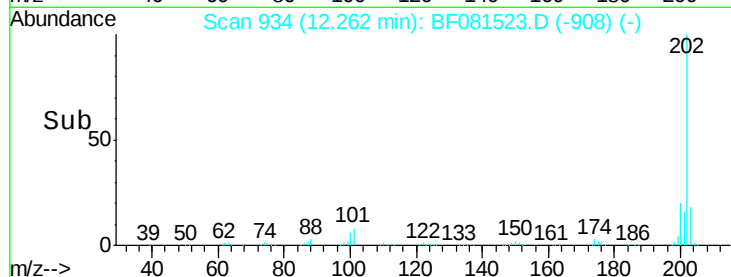
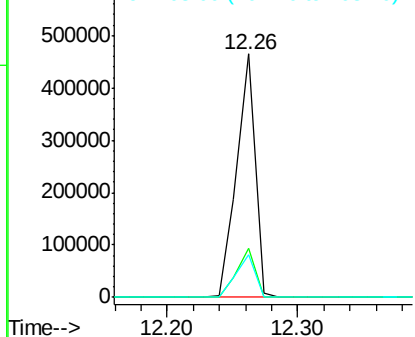
#77
 Pvrene
 Concen: 38.23 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 456804
 Ion Ratio Lower Upper
 202 100
 200 20.3 15.0 22.4
 203 17.8 14.1 21.1

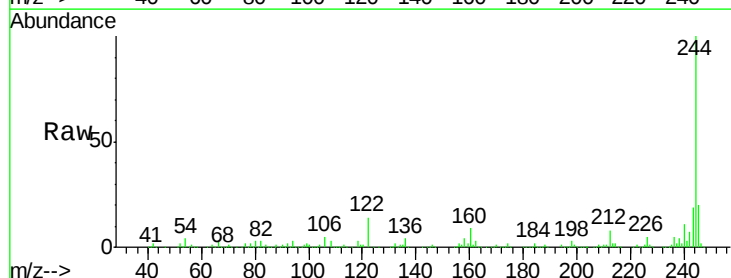


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

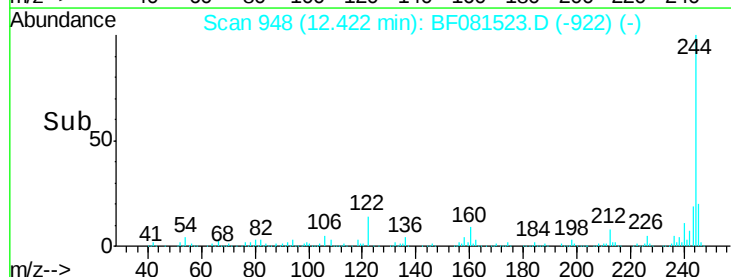
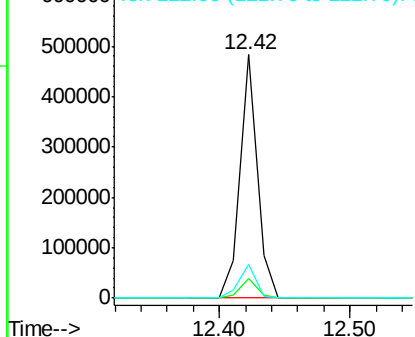


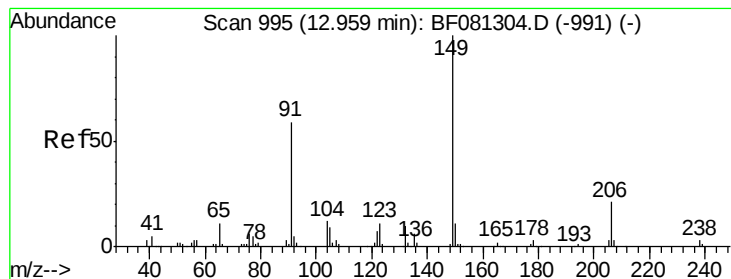
#78
 Terphenyl-d14
 Concen: 63.76 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:244 Resp: 441832
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.8 17.4 26.2#



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





#79

Butylbenzylphthalate

Concen: 37.38 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

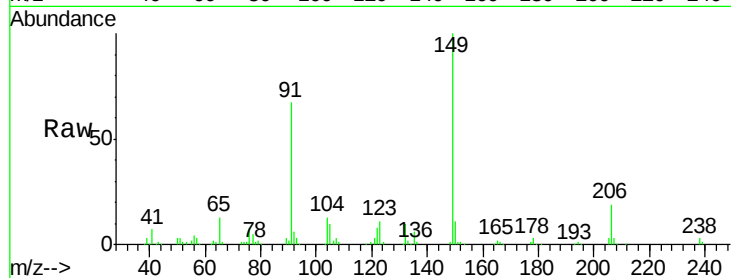
Tot Ion:149 Resp: 194243

Ion Ratio Lower Upper

149 100

91 67.0 48.6 72.8

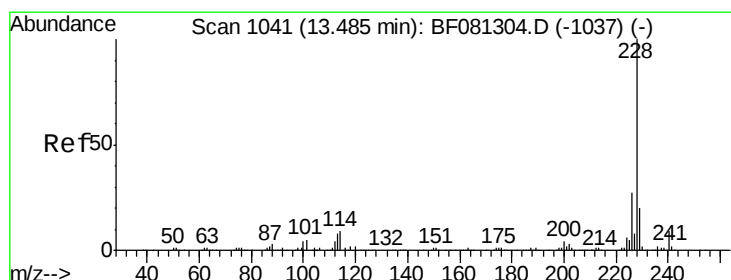
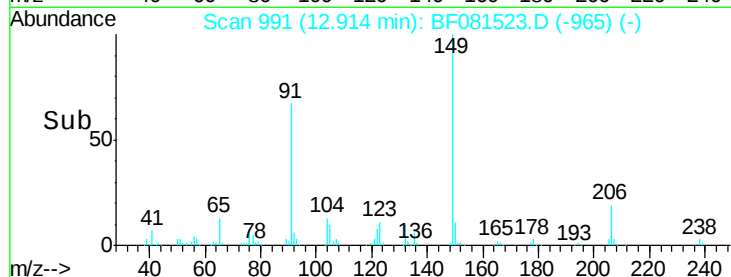
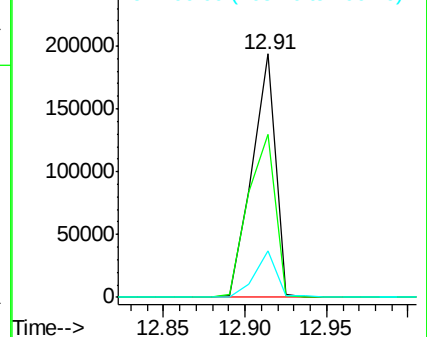
206 18.9 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.48 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

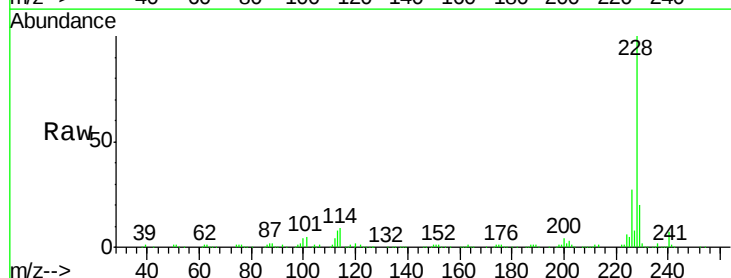
Tgt Ion:228 Resp: 354146

Ion Ratio Lower Upper

228 100

226 26.6 20.0 30.0

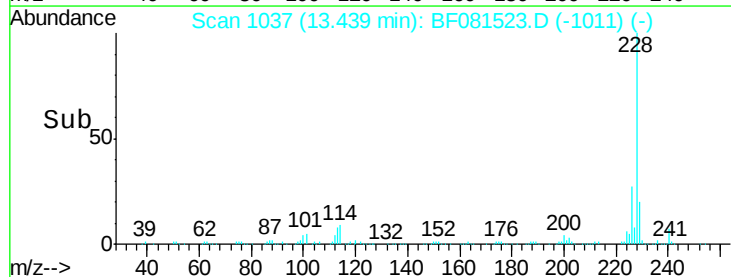
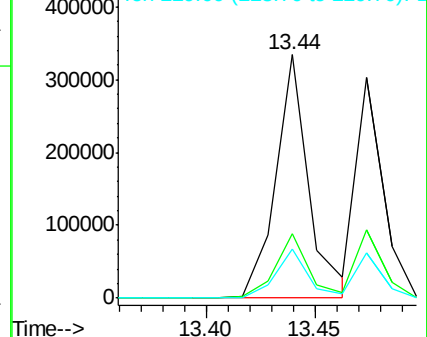
229 20.0 15.4 23.2

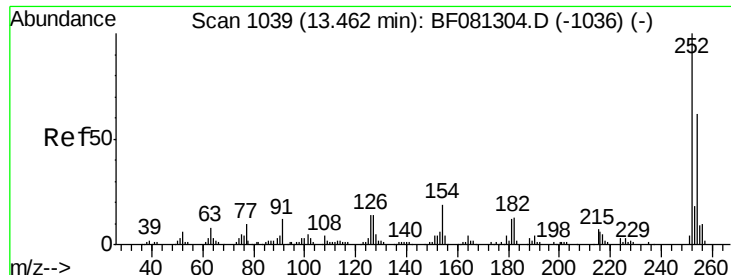


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

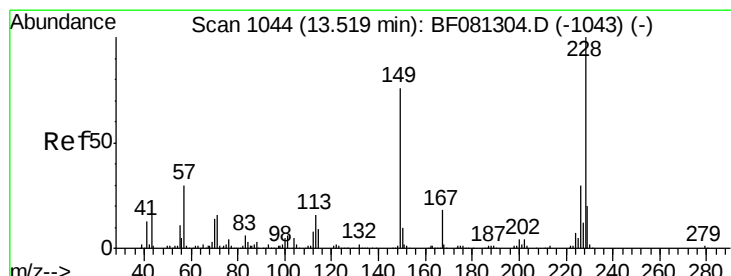
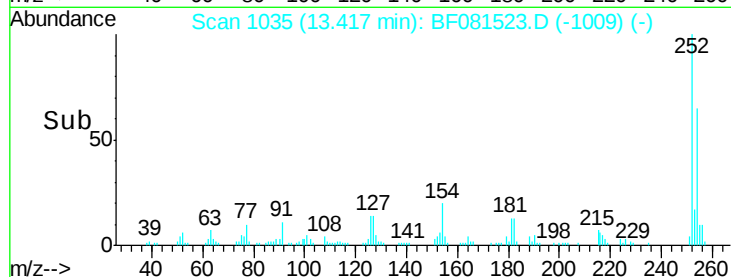
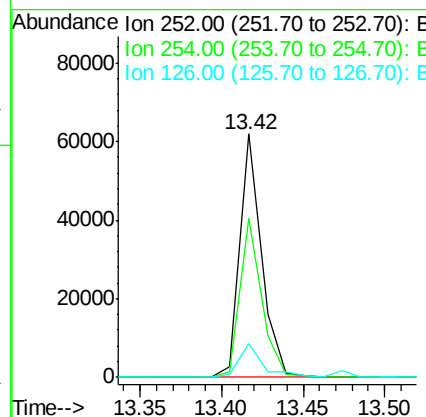
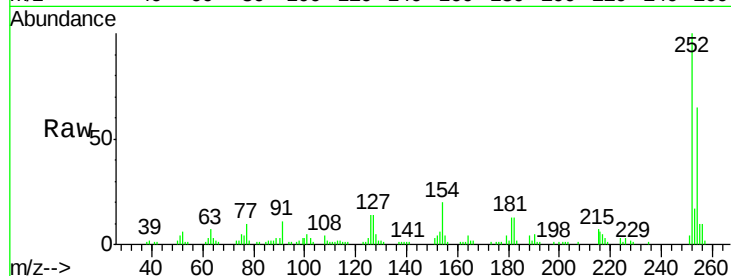




#81
 3,3'-Dichlorobenzidine
 Concen: 16.27 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

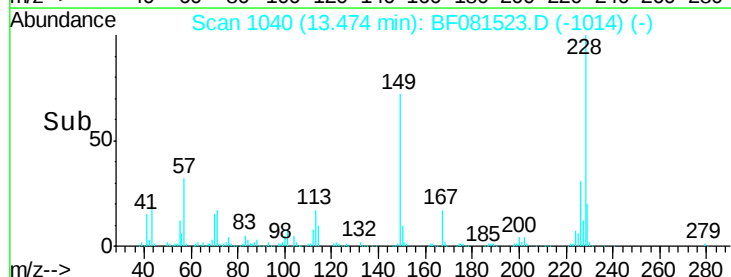
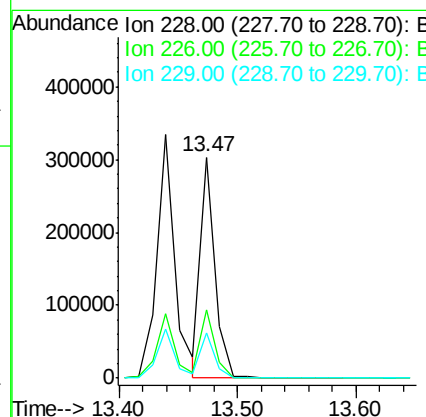
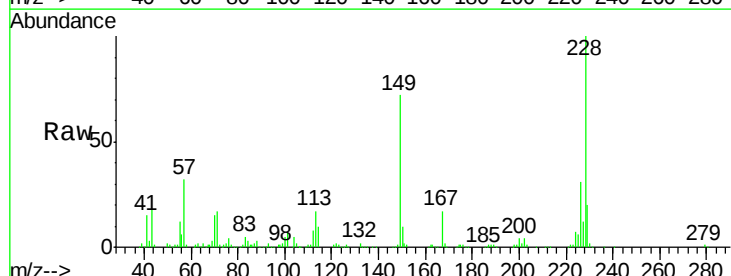
Instrument :
 BNA_F
 ClientSampleId :

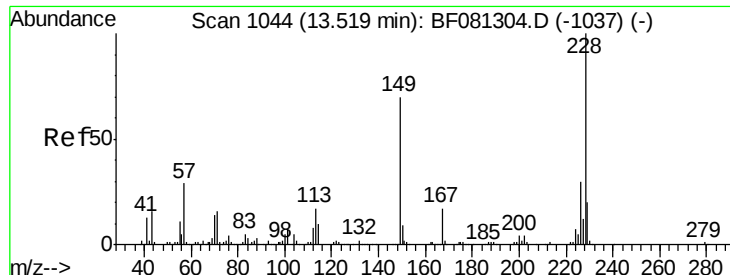
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.2
126	13.7	16.4	24.6



#82
 Chrysene
 Concen: 28.51 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	20.4	15.6	23.4

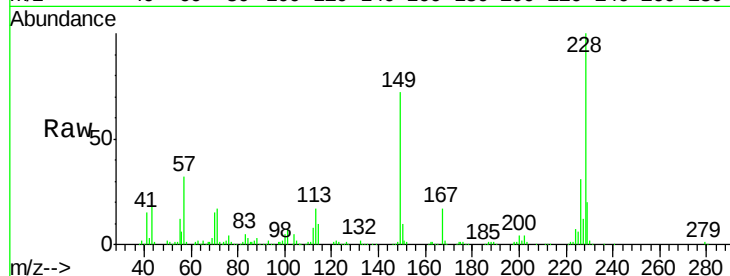




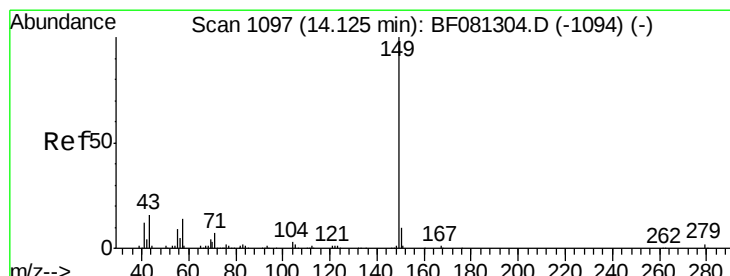
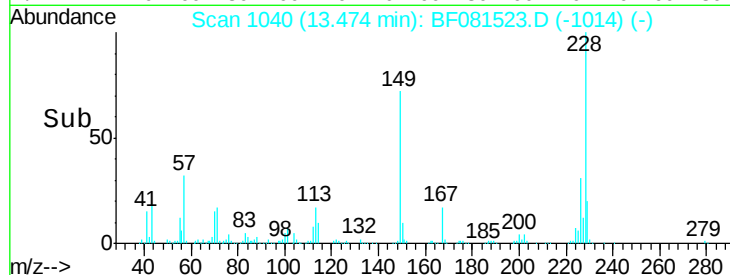
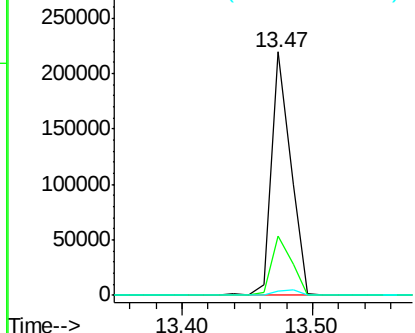
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.25 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 228030
 Ion Ratio Lower Upper
 149 100
 167 24.1 24.2 36.2#
 279 1.6 3.8 5.6#

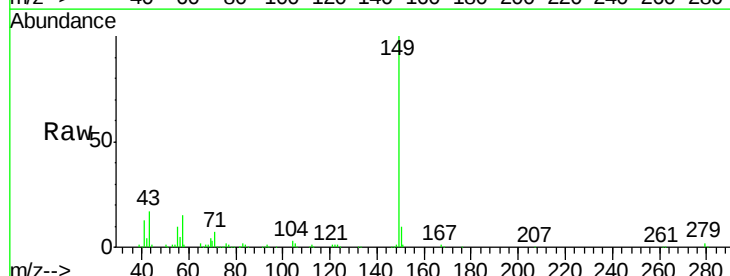


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

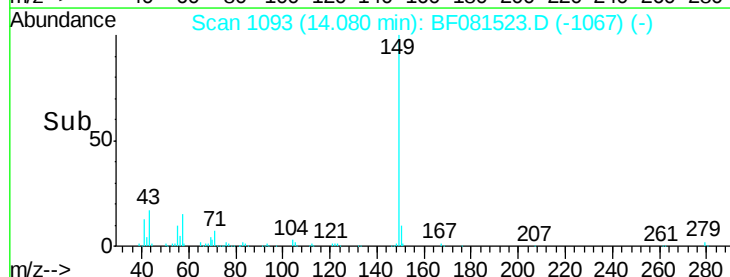
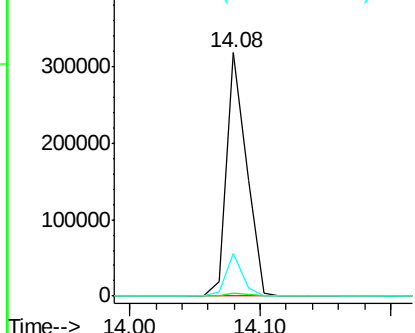


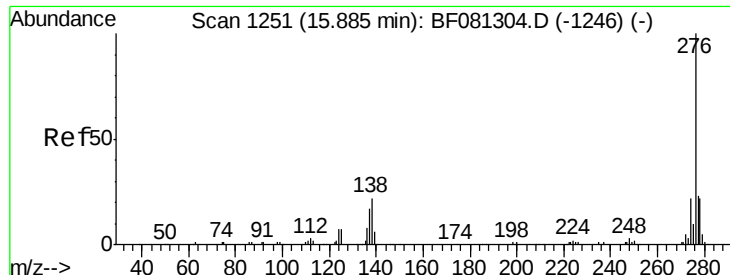
#84
 Di-n-octyl phthalate
 Concen: 30.03 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion:149 Resp: 339048
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 15.4 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

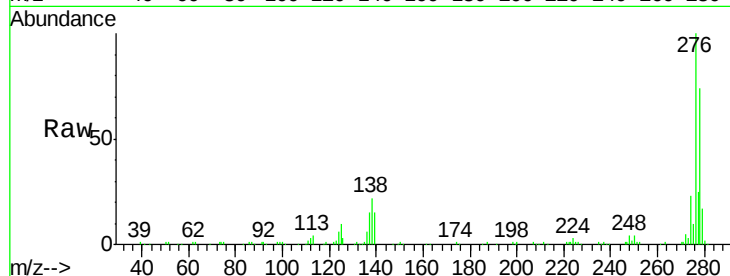




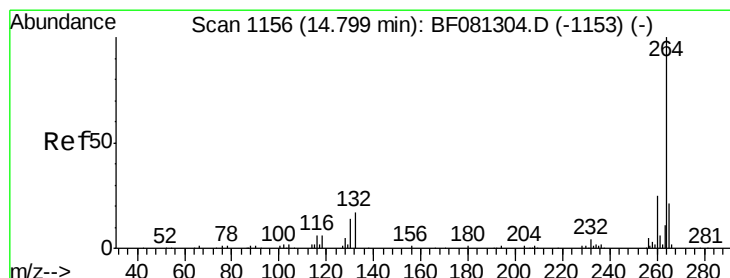
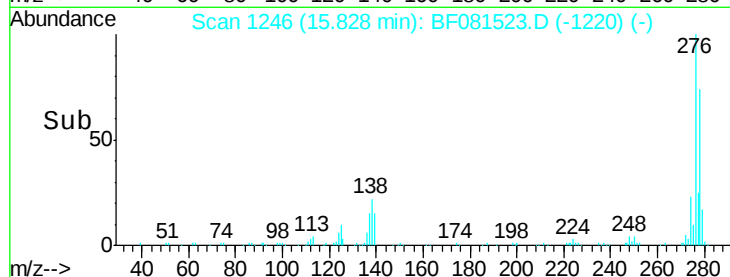
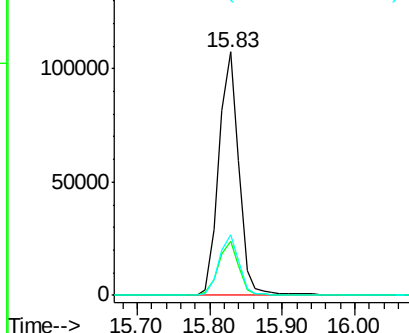
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.67 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.7	38.5#
277	24.7	15.6	23.4#

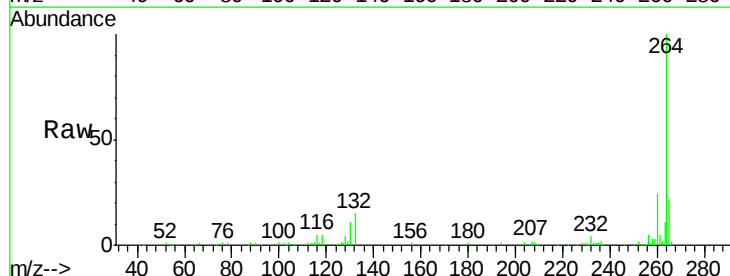


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

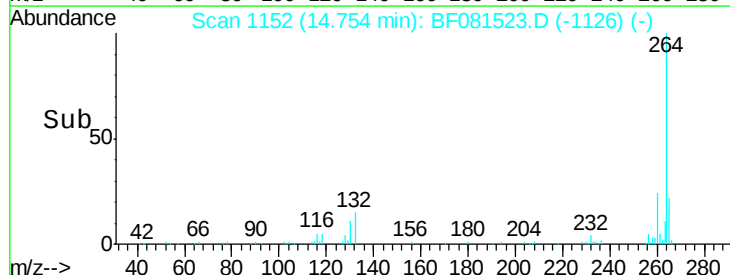
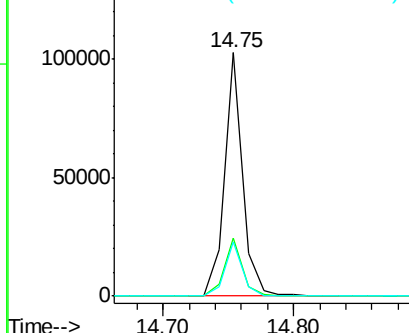


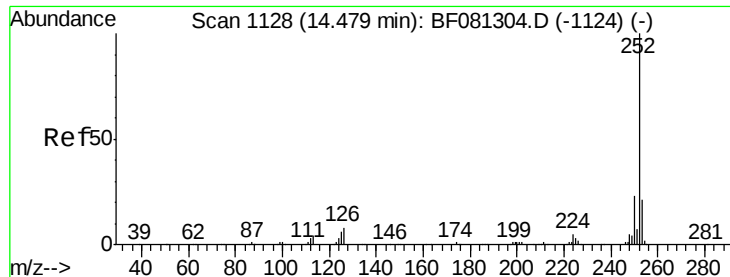
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.0	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 73.88 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

Instrument :

BNA_F

ClientSampleId :

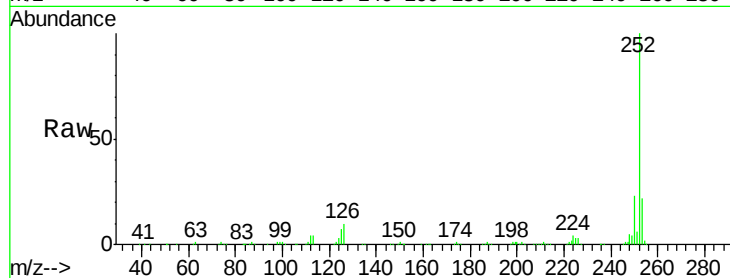
Tot Ion:252 Resp: 523076

Ion Ratio Lower Upper

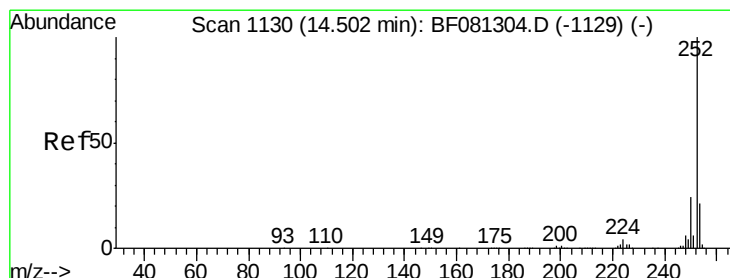
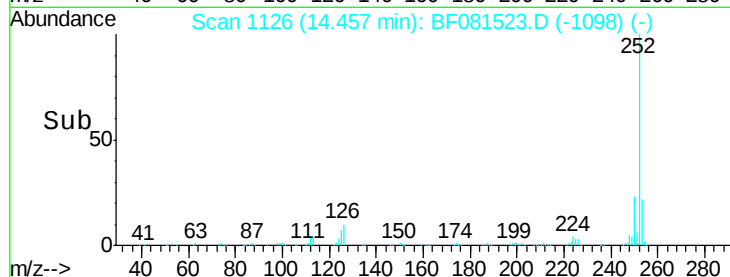
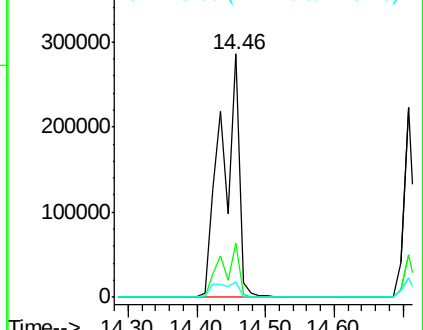
252 100

253 22.4 17.5 26.3

125 6.7 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 89.04 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF081523.D

Acq: 8 Sep 2015 15:31

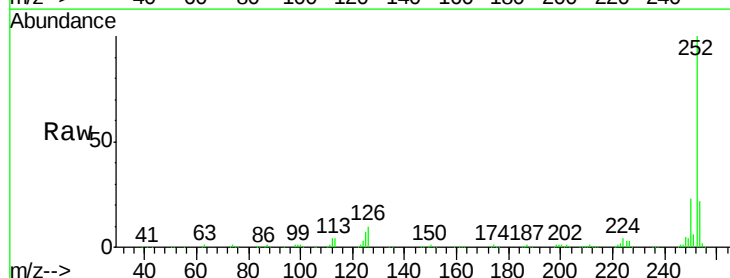
Tgt Ion:252 Resp: 523076

Ion Ratio Lower Upper

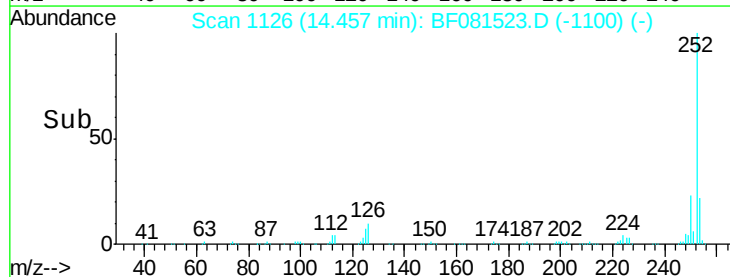
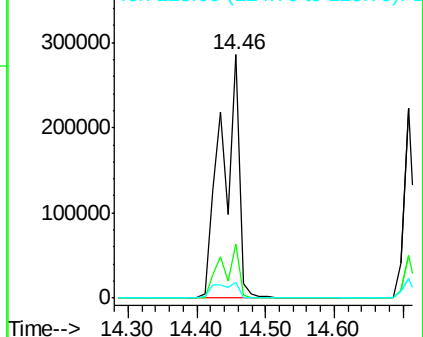
252 100

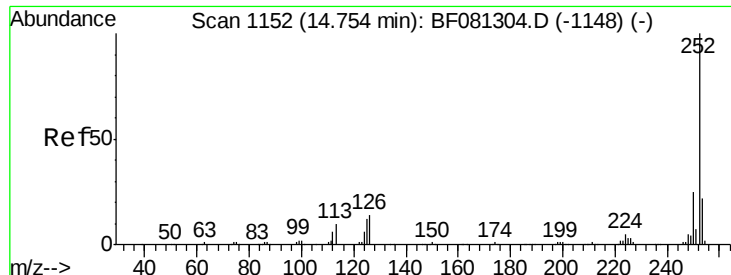
253 22.4 17.0 25.4

125 6.7 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

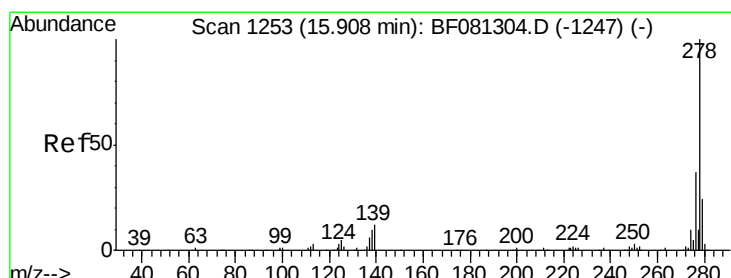
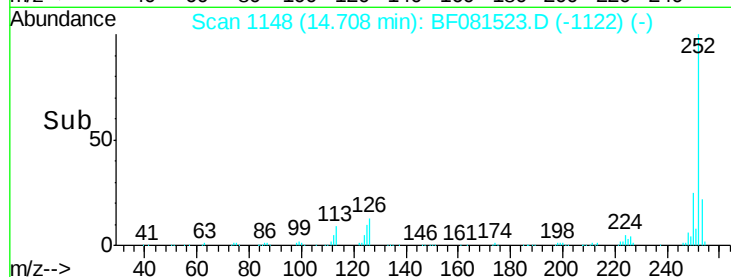
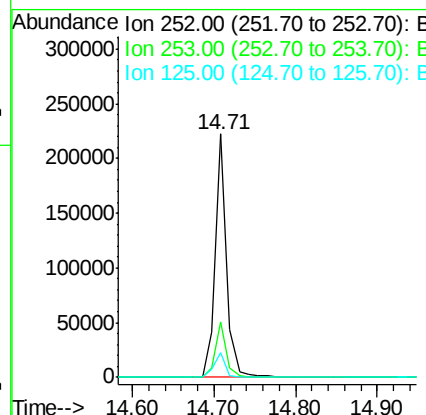
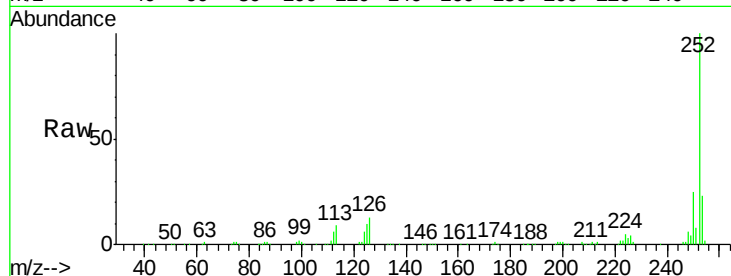




#89
Benzo(a)pyrene
Concen: 36.52 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

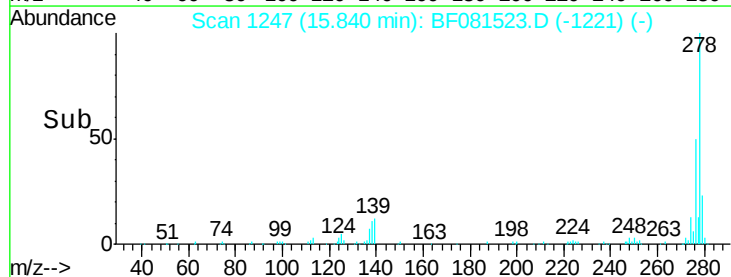
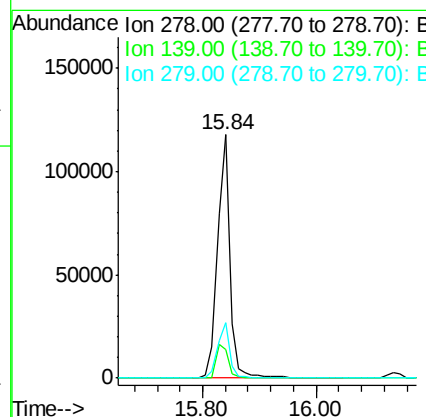
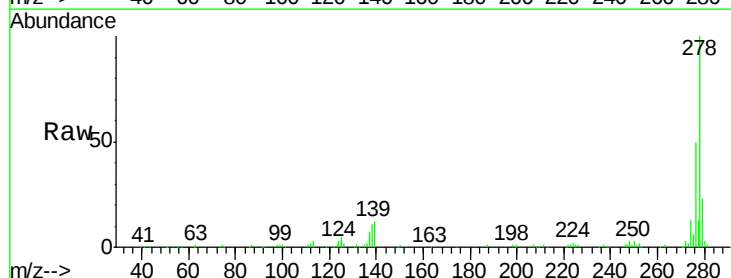
Instrument :
BNA_F
ClientSampleId :

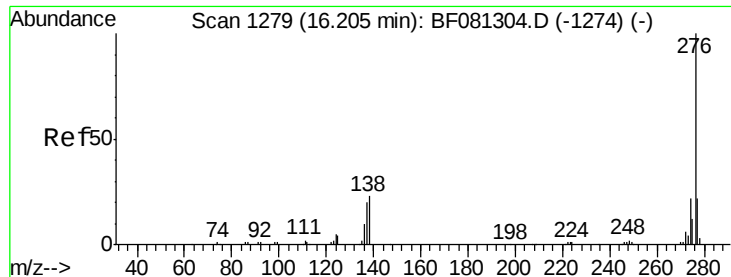
Tot Ion:252 Resp: 219091
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 10.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 37.73 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081523.D
Acq: 8 Sep 2015 15:31

Tgt Ion:278 Resp: 174903
Ion Ratio Lower Upper
278 100
139 11.6 26.3 39.5#
279 23.0 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.16 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF081523.D
 Acq: 8 Sep 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 173246
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.8 26.6
 138 21.3 34.6 51.8#

