

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081315.D
 Acq On : 1 Sep 2015 21:06
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 00:52:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	57212	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	214645	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	97742	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	198848	20.00	ng	0.00
75) Chrysene-d12	13.50	240	173090	20.00	ng	0.00
86) Perylene-d12	14.80	264	120098	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	285807	77.51	ng	0.00
7) Phenol-d6	6.06	99	397965	81.53	ng	0.00
23) Nitrobenzene-d5	6.97	82	357455	80.35	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	73978	85.00	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	638608	83.73	ng	0.00
78) Terphenyl-d14	12.47	244	517197	69.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	66140	39.94	ng	93
3) Pyridine	2.28	79	169719	37.16	ng	95
4) n-Nitrosodimethylamine	2.25	42	99011	39.03	ng	# 76
6) Aniline	6.04	93	267255	38.77	ng	# 73
8) 2-Chlorophenol	6.17	128	160799	39.57	ng	83
9) Benzaldehyde	5.92	77	119611	39.11	ng	# 71
10) Phenol	6.07	94	247273	43.68	ng	# 56
11) bis(2-Chloroethyl)ether	6.14	93	160734	39.36	ng	85
12) 1,3-Dichlorobenzene	6.33	146	164516	37.89	ng	# 95
13) 1,4-Dichlorobenzene	6.41	146	177059	40.05	ng	# 93
14) 1,2-Dichlorobenzene	6.41	146	177059	44.49	ng	95
15) Benzyl Alcohol	6.56	79	164075	40.98	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	6.70	45	294461	37.62	ng	89
17) 2-Methylphenol	6.68	107	133197	41.08	ng	# 79
18) Hexachloroethane	6.90	117	68606	39.89	ng	# 88
19) n-Nitroso-di-n-propylamine	6.83	70	122201	36.79	ng	# 87
20) 3+4-Methylphenols	6.84	107	173707	39.74	ng	88
22) Acetophenone	6.82	105	242411	41.35	ng	# 79
24) Nitrobenzene	6.99	77	192821	41.74	ng	# 77
25) Isophorone	7.23	82	332465	40.18	ng	# 83
26) 2-Nitrophenol	7.30	139	75407	37.45	ng	# 21
27) 2,4-Dimethylphenol	7.37	122	152066	43.72	ng	# 80
28) bis(2-Chloroethoxy)methane	7.46	93	208179	43.55	ng	# 92
29) 2,4-Dichlorophenol	7.55	162	124717	41.35	ng	89
30) 1,2,4-Trichlorobenzene	7.63	180	134259	40.98	ng	98
31) Naphthalene	7.70	128	455620	39.80	ng	98
32) Benzoic acid	7.52	122	95692	39.04	ng	# 58
33) 4-Chloroaniline	7.77	127	198855	42.59	ng	# 89
34) Hexachlorobutadiene	7.83	225	78547	39.39	ng	97
35) Caprolactam	8.15	113	38588	41.72	ng	# 18
36) 4-Chloro-3-methylphenol	8.26	107	139572	41.34	ng	# 68
37) 2-Methylnaphthalene	8.39	142	273778	36.75	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	130122	42.10	ng	97
40) Hexachlorocyclopentadiene	8.55	237	61707	40.68	ng	96

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Quant Time: Sep 02 00:52:13 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
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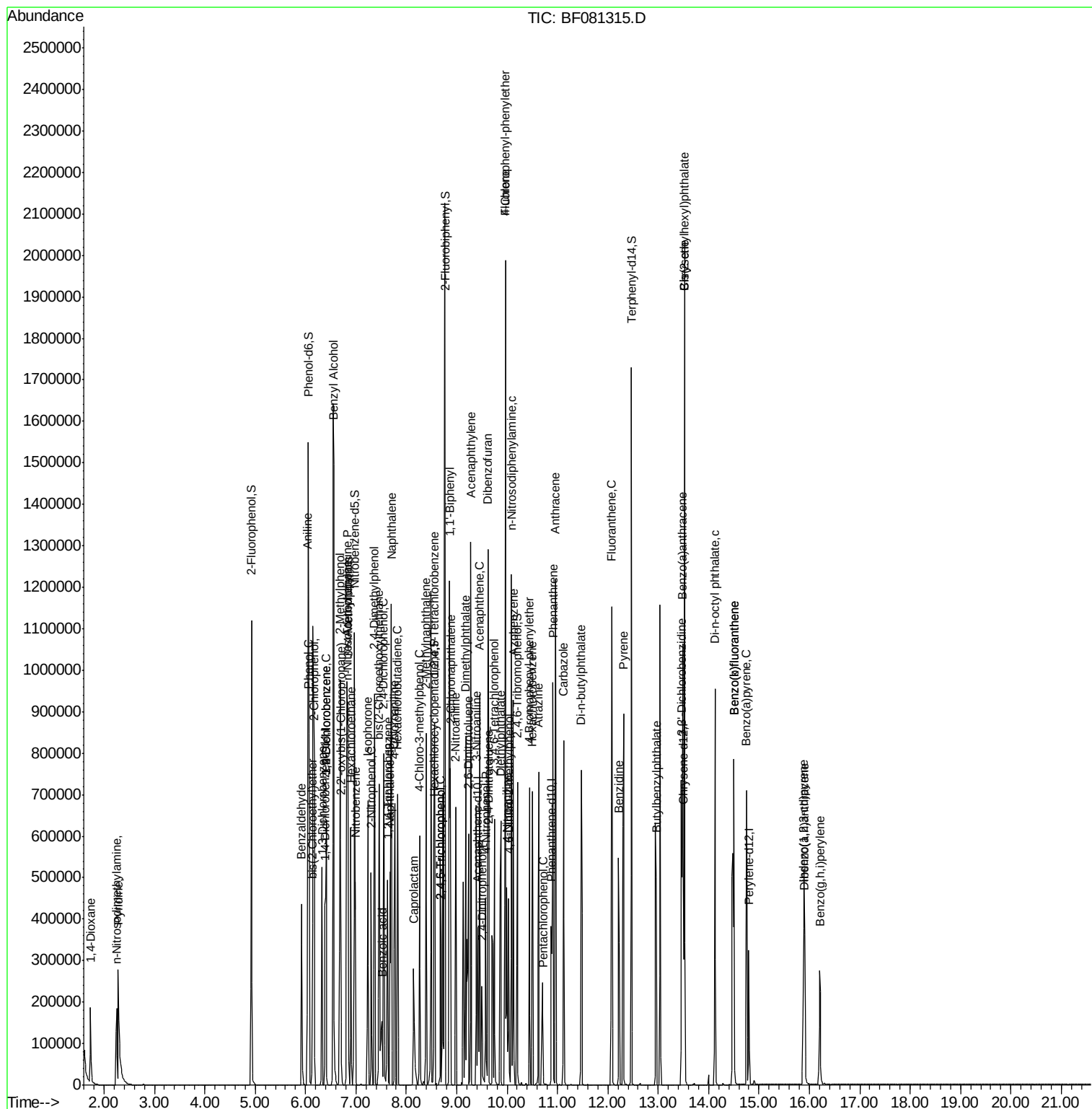
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	84678	39.69	nq	96
43) 2,4,5-Trichlorophenol	8.68	196	84678	38.91	nq	95
45) 1,1'-Biphenyl	8.86	154	330038	36.70	nq	95
46) 2-Chloronaphthalene	8.88	162	275802	42.47	nq	95
47) 2-Nitroaniline	8.98	65	114281	43.18	nq	# 59
48) Acenaphthylene	9.28	152	424170	36.82	nq	97
49) Dimethylphthalate	9.18	163	302626	39.85	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	76208	44.21	nq	# 68
51) Acenaphthene	9.45	154	235961	36.00	nq	90
52) 3-Nitroaniline	9.39	138	79335	40.43	nq	# 45
53) 2,4-Dinitrophenol	9.50	184	32219	44.38	nq	# 1
54) Dibenzofuran	9.62	168	358031	37.41	nq	# 83
55) 4-Nitrophenol	9.58	139	58769	47.67	nq	# 27
56) 2,4-Dinitrotoluene	9.63	165	90954	41.44	nq	# 95
57) Fluorene	9.96	166	317115	43.67	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	66463	40.00	nq	# 87
59) Diethylphthalate	9.87	149	334726	41.90	nq	99
60) 4-Chlorophenyl-phenylether	9.96	204	132802	39.23	nq	# 78
61) 4-Nitroaniline	10.00	138	77109	38.90	nq	# 26
62) Azobenzene	10.12	77	376337	42.37	nq	87
64) 4,6-Dinitro-2-methylphenol	10.03	198	49955	44.92	nq	94
65) n-Nitrosodiphenylamine	10.09	169	277850	38.40	nq	91
66) 4-Bromophenyl-phenylether	10.44	248	73502	36.56	nq	# 73
67) Hexachlorobenzene	10.50	284	77552	36.89	nq	# 78
68) Atrazine	10.63	200	85039	40.61	nq	82
69) Pentachlorophenol	10.71	266	33760	38.13	nq	99
70) Phenanthrene	10.91	178	462363	41.82	nq	97
71) Anthracene	10.96	178	423410	37.28	nq	98
72) Carbazole	11.12	167	394965	37.06	nq	# 95
73) Di-n-butylphthalate	11.47	149	466319	37.05	nq	# 98
74) Fluoranthene	12.08	202	450948	37.68	nq	90
76) Benzidine	12.22	184	259889	34.98	nq	96
77) Pyrene	12.31	202	507572	39.59	nq	98
79) Butylbenzylphthalate	12.96	149	200971	36.04	nq	93
80) Benzo(a)anthracene	13.49	228	438942	39.82	nq	98
81) 3,3'-Dichlorobenzidine	13.46	252	128532	34.57	nq	# 96
82) Chrysene	13.52	228	314512	31.83	nq	94
83) Bis(2-ethylhexyl)phthalate	13.52	149	264809	35.99	nq	# 89
84) Di-n-octyl phthalate	14.13	149	448627	37.03	nq	98
85) Indeno(1,2,3-cd)pyrene	15.89	276	264641	36.50	nq	# 86
87) Benzo(b)fluoranthene	14.50	252	666708	77.76	nq	# 84
88) Benzo(k)fluoranthene	14.50	252	666708	93.71	nq	# 85
89) Benzo(a)pyrene	14.75	252	278647	38.35	nq	# 87
90) Dibenzo(a,h)anthracene	15.91	278	221785	39.50	nq	# 78
91) Benzo(g,h,i)perylene	16.21	276	209787	39.15	nq	# 77

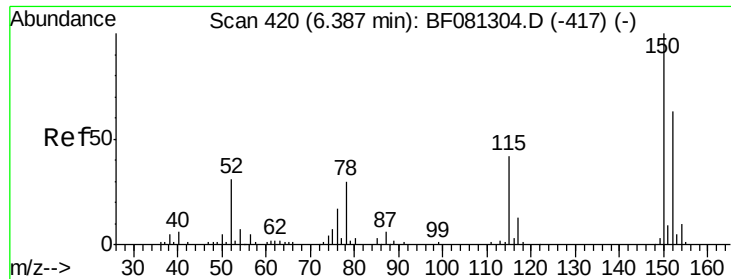
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 02 00:52:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

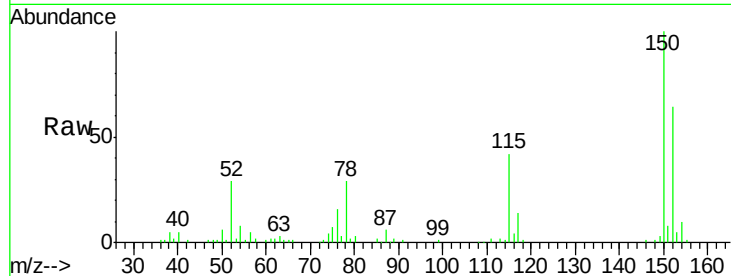
Tot Ion:152 Resp: 57212

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

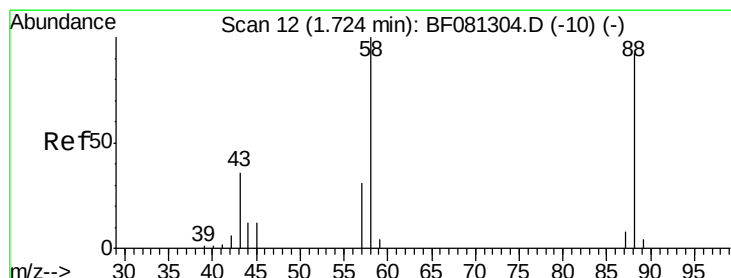
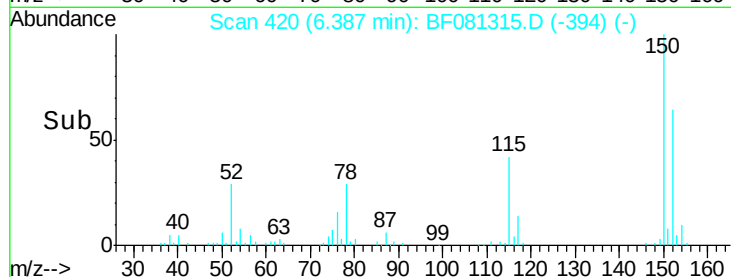
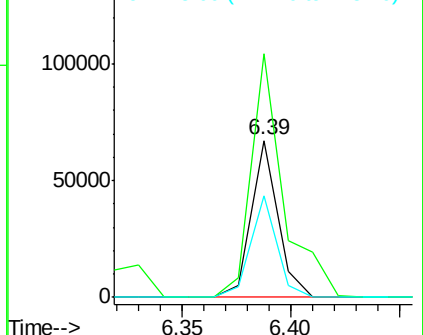
115 64.5 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 39.94 ng

RT: 1.74 min Scan# 13

Delta R.T. 0.01 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

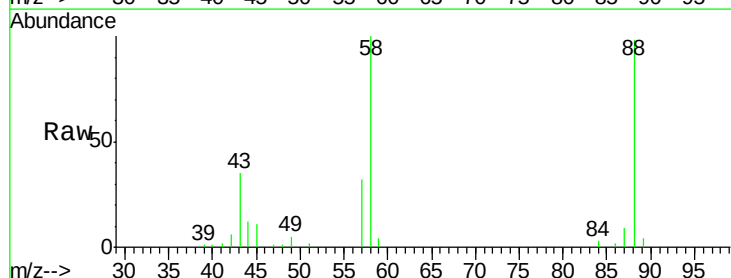
Tgt Ion: 88 Resp: 66140

Ion Ratio Lower Upper

88 100

58 103.7 77.7 116.5

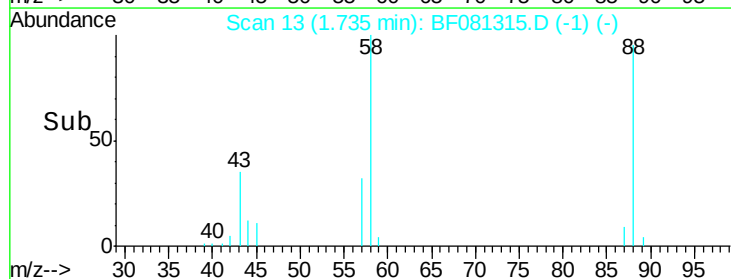
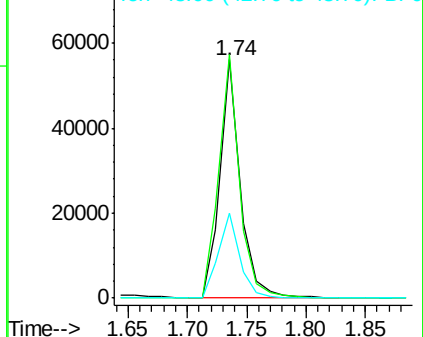
43 37.1 26.6 40.0

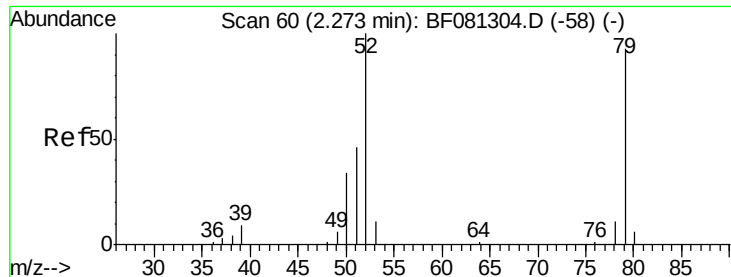


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.16 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.01 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

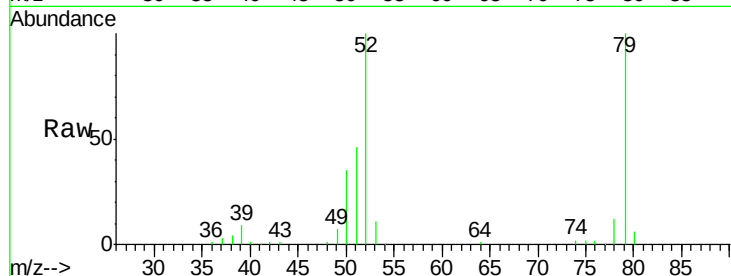
Tot Ion: 79 Resp: 169719

Ion Ratio Lower Upper

79 100

52 99.7 76.8 115.2

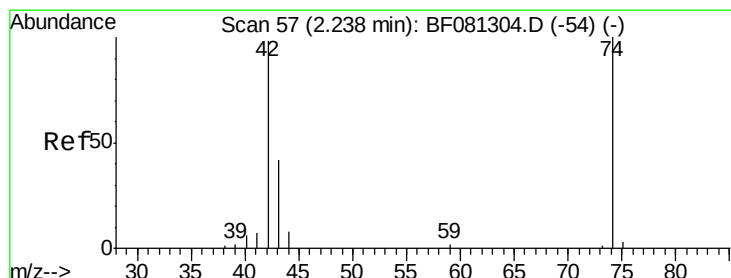
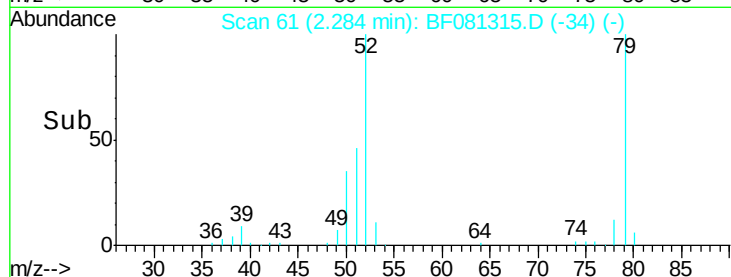
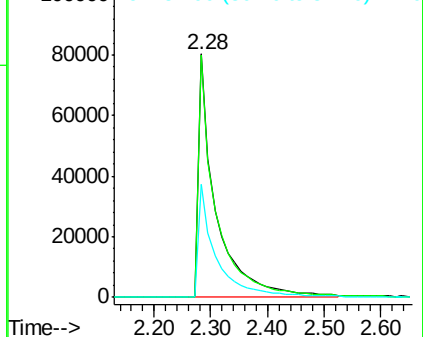
51 46.3 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.03 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.01 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

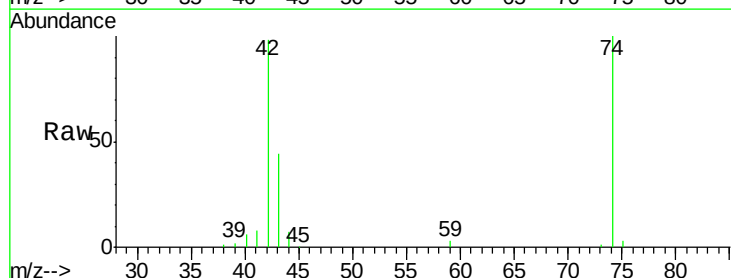
Tgt Ion: 42 Resp: 99011

Ion Ratio Lower Upper

42 100

74 101.8 105.0 157.6#

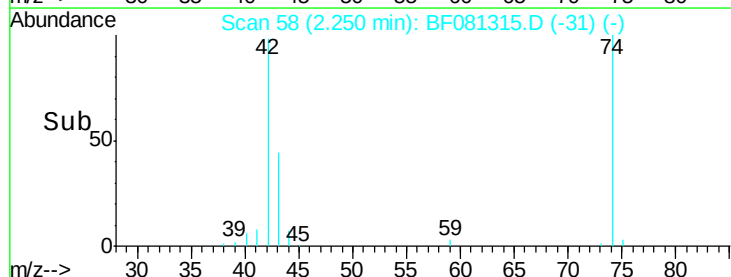
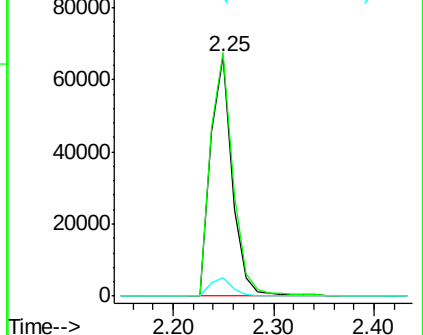
44 7.4 6.6 10.0

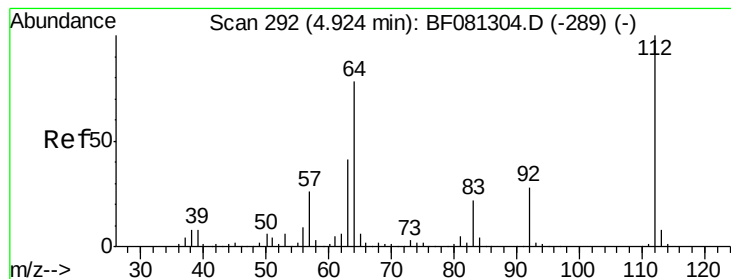


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

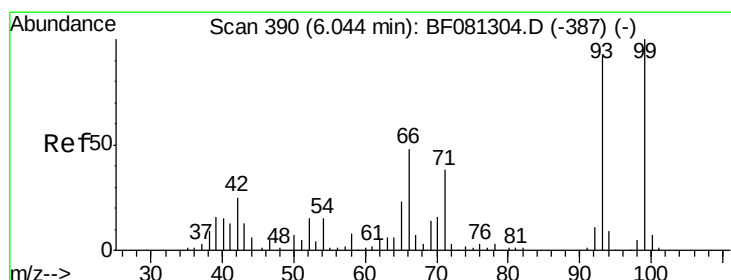
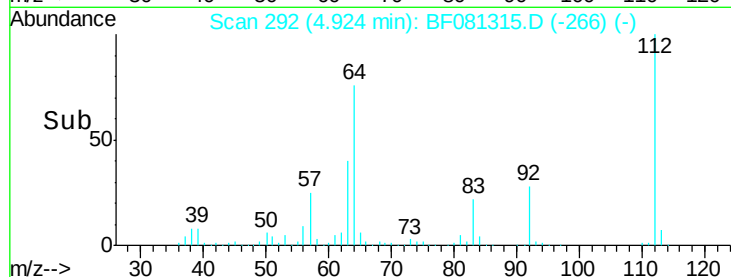
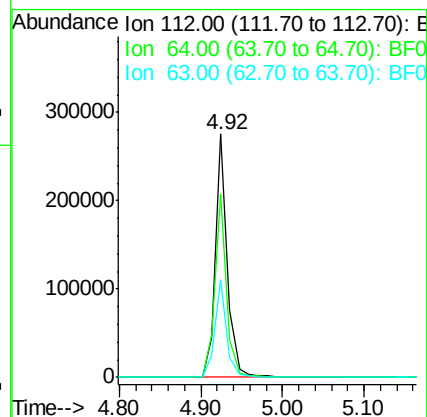
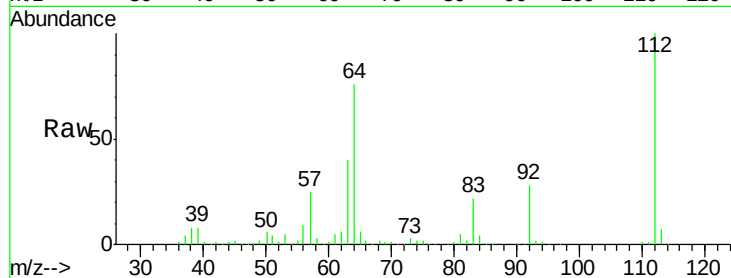




#5
 2-Fluorophenol
 Concen: 77.51 ng
 RT: 4.92 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

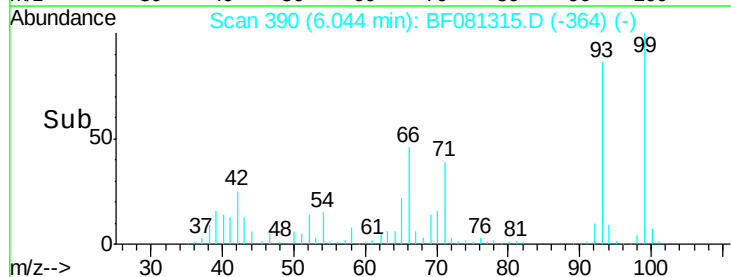
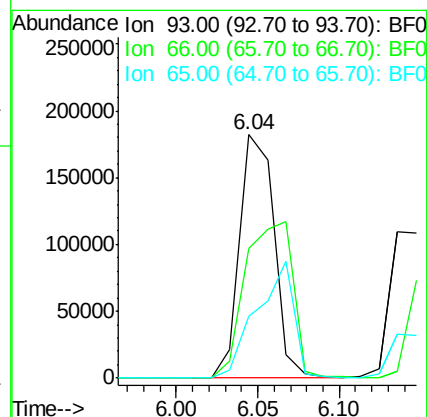
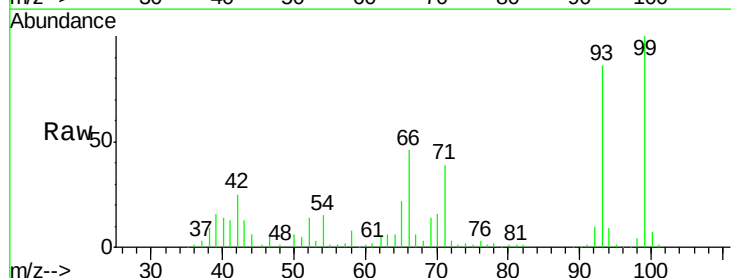
Instrument :
 BNA_F
 ClientSampleId :

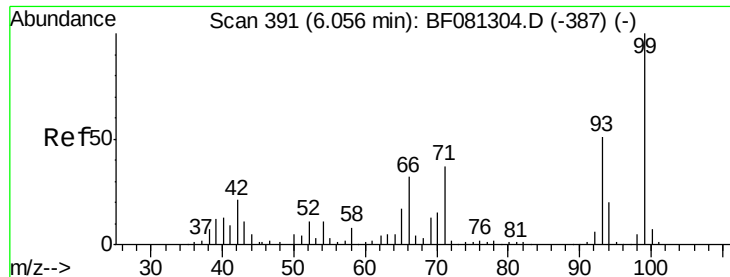
Tot Ion	Ratio	Lower	Upper
112	100		
64	75.5	39.7	59.5#
63	40.2	17.4	26.0#



#6
 Aniline
 Concen: 38.77 ng
 RT: 6.04 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion	Ratio	Lower	Upper
93	100		
66	53.2	27.2	40.8#
65	25.2	14.7	22.1#





#7

Phenol-d6

Concen: 81.53 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampled :

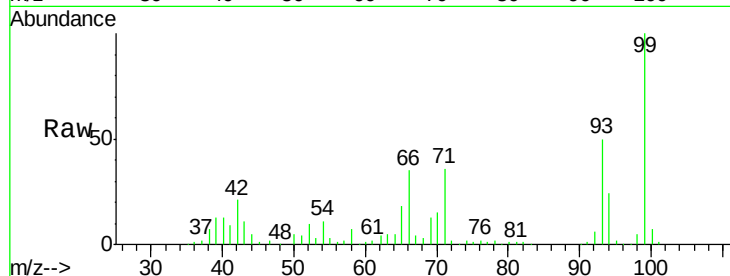
Tot Ion: 99 Resp: 397965

Ion Ratio Lower Upper

99 100

42 21.0 13.7 20.5#

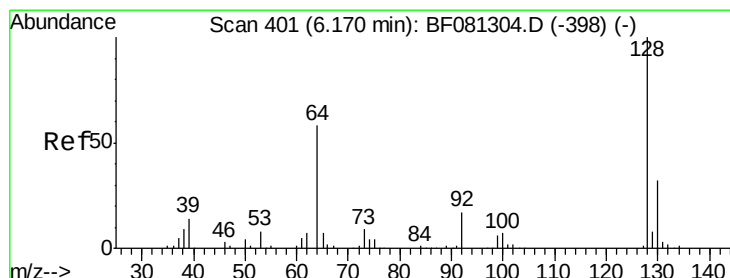
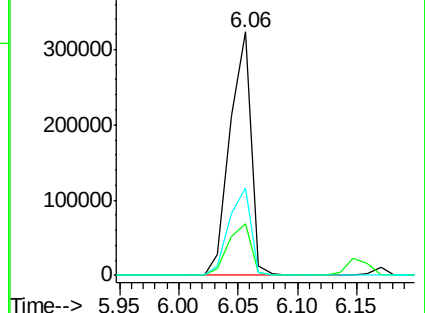
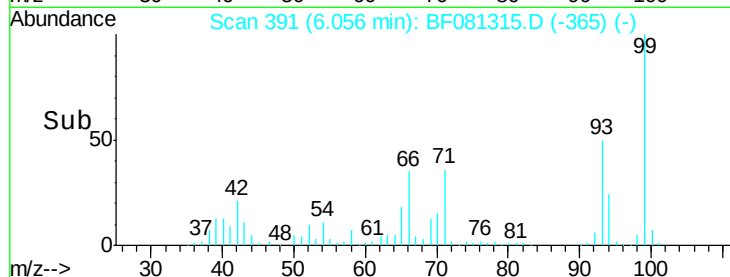
71 35.8 14.2 21.2#



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: 39.57 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

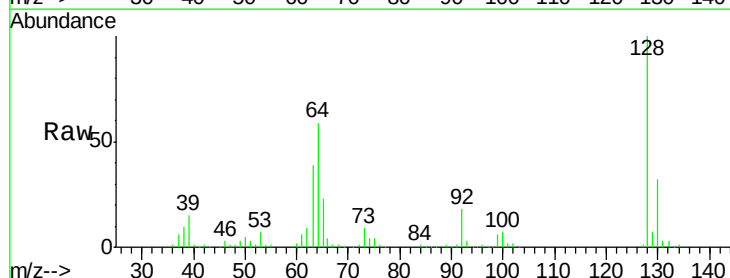
Tgt Ion: 128 Resp: 160799

Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

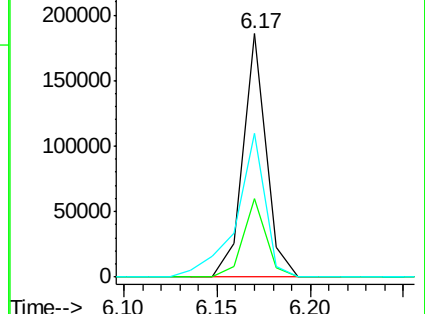
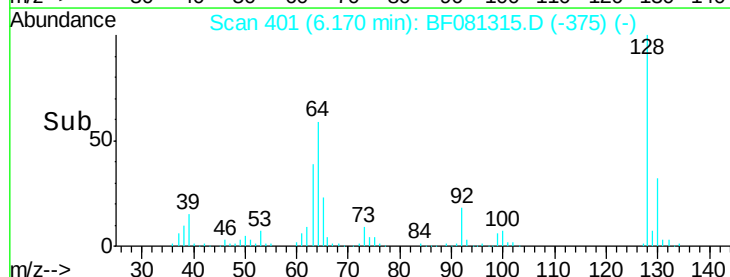
64 59.2 20.5 60.5

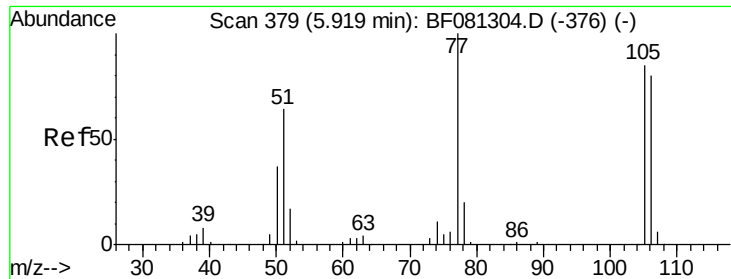


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.11 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

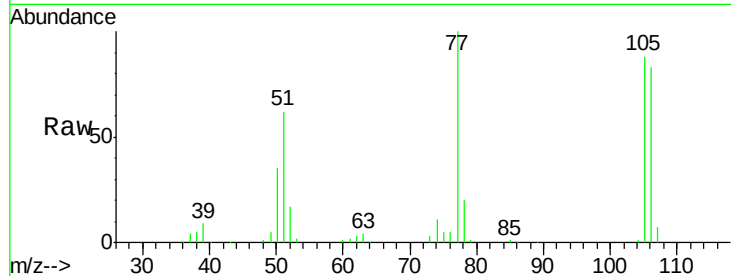
Tot Ion: 77 Resp: 119611

Ion Ratio Lower Upper

77 100

105 88.4 91.6 131.6#

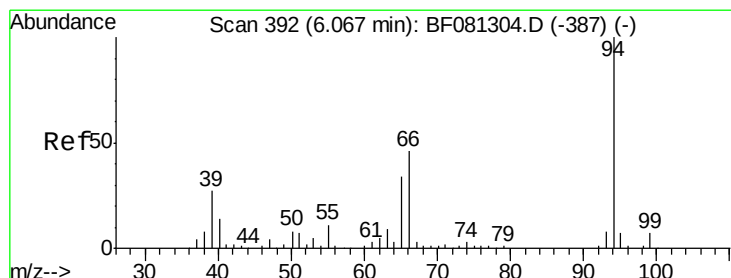
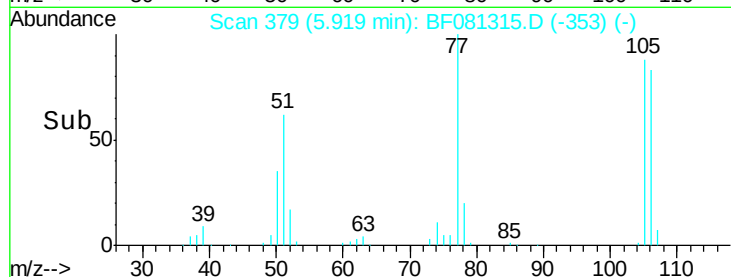
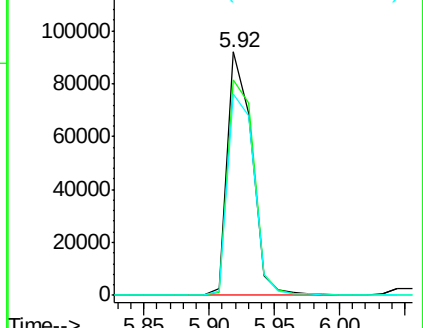
106 82.8 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.68 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

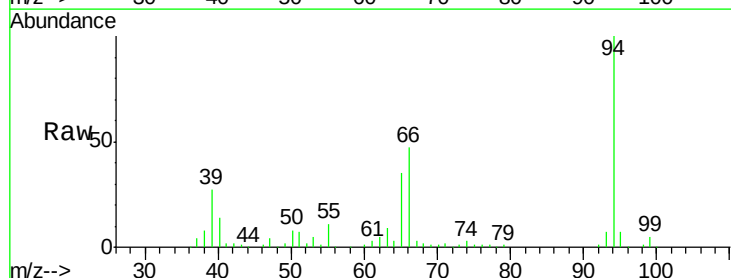
Tgt Ion: 94 Resp: 247273

Ion Ratio Lower Upper

94 100

65 35.4 0.7 40.7

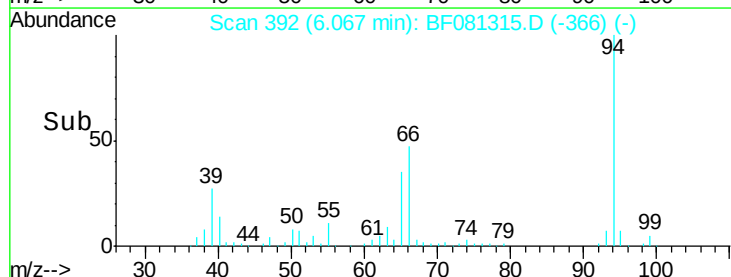
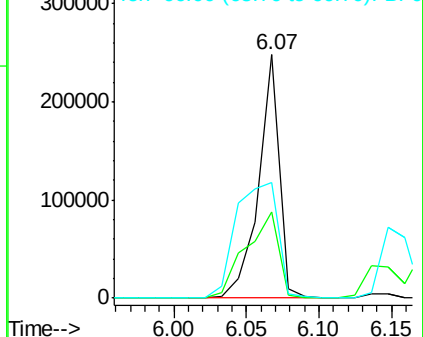
66 47.2 0.8 40.8#

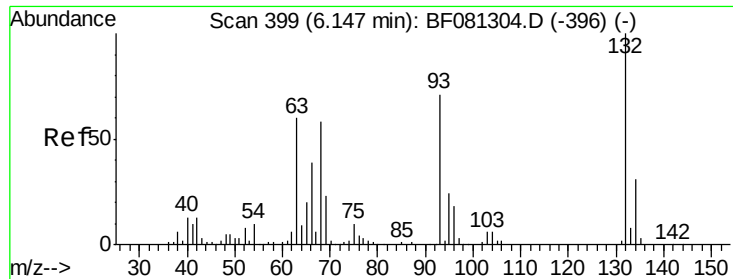


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.36 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampled :

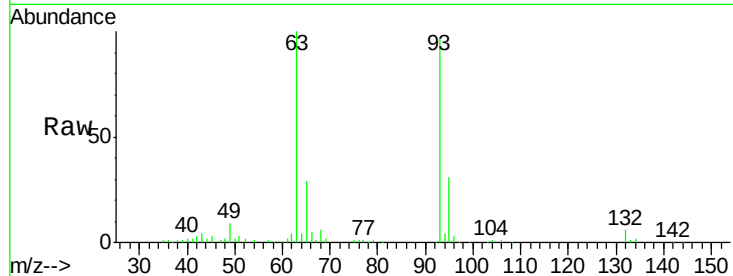
Tot Ion: 93 Resp: 160734

Ion Ratio Lower Upper

93 100

63 103.2 65.6 105.6

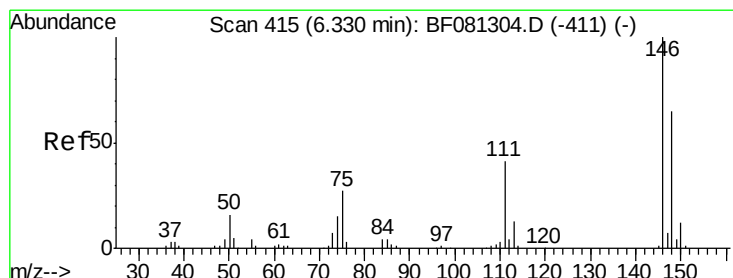
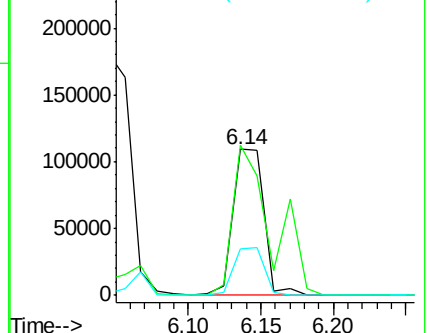
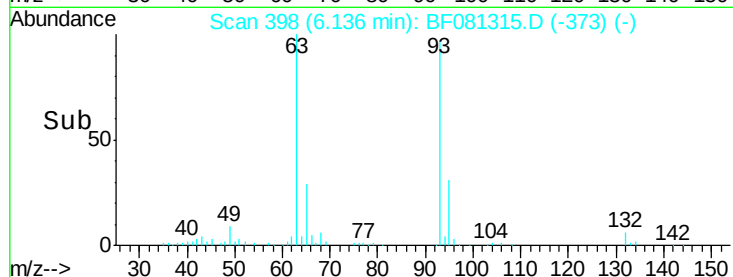
95 31.7 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.89 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

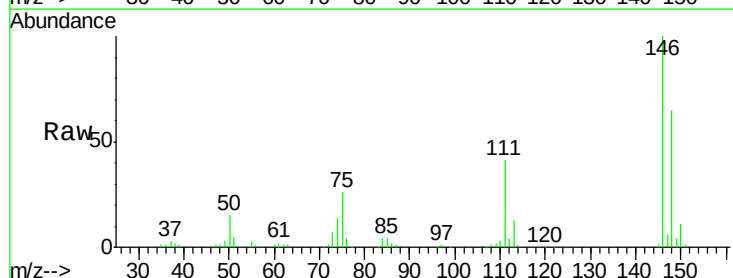
Tgt Ion: 146 Resp: 164516

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

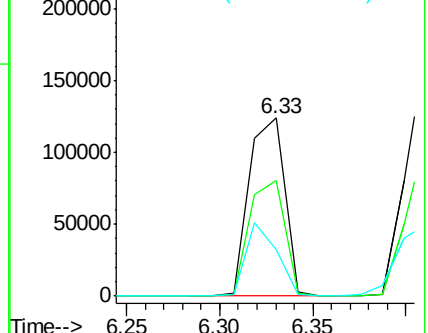
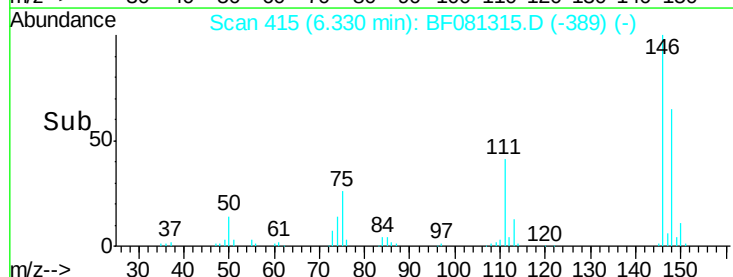
75 26.0 15.0 22.6#

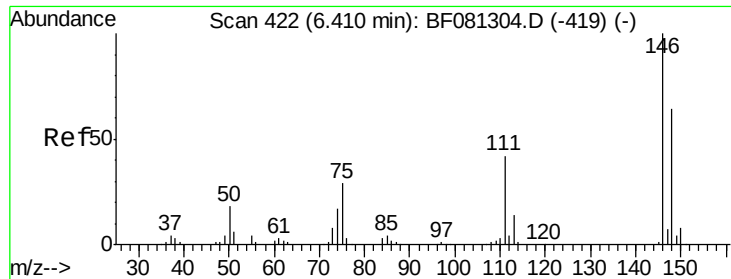


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

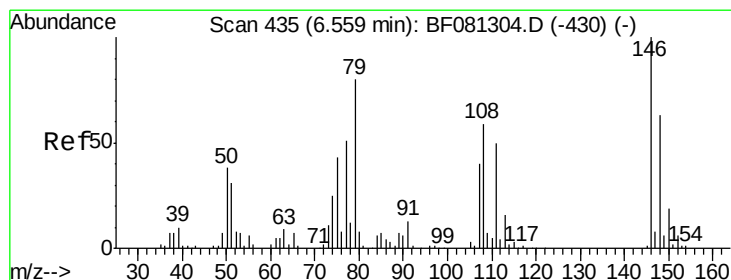
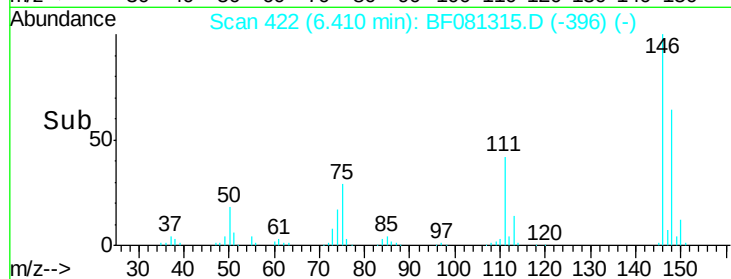
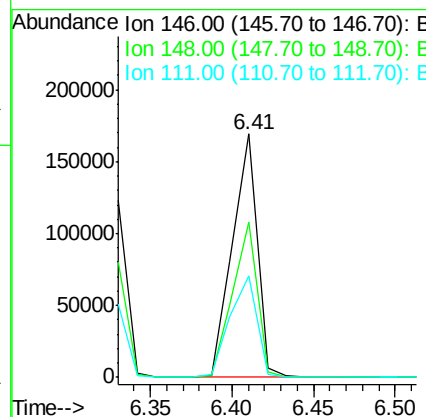
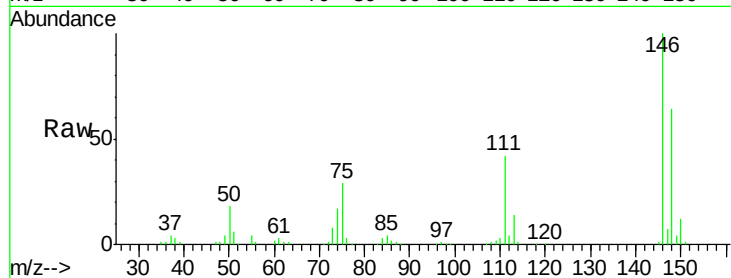




#13
 1,4-Dichlorobenzene
 Concen: 40.05 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

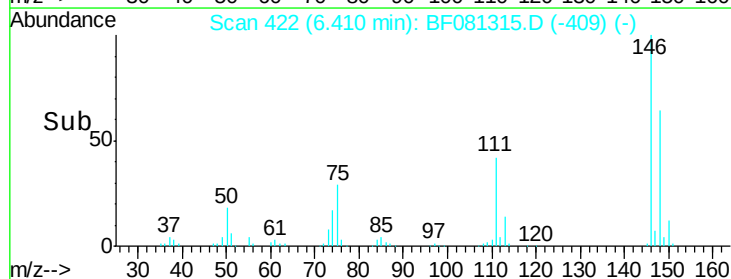
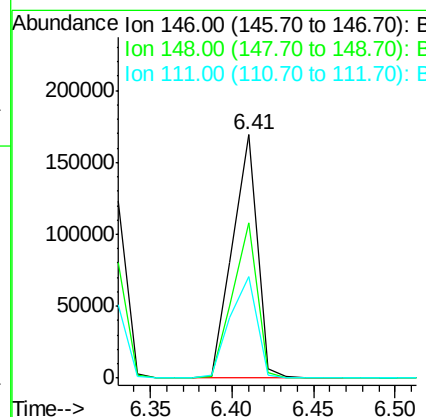
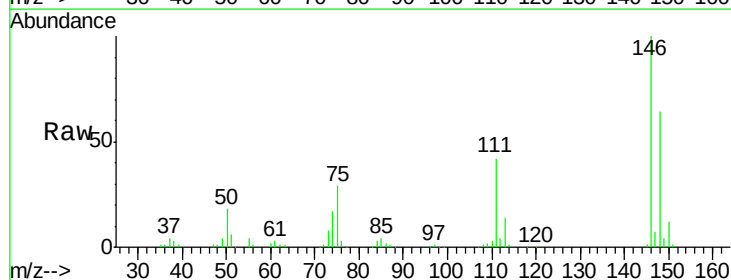
Instrument :
 BNA_F
 ClientSampleId :

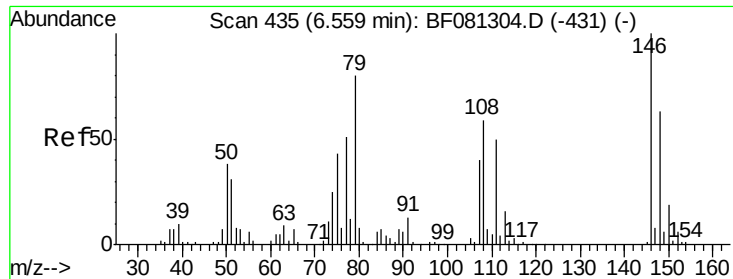
Tot Ion:146 Resp: 177059
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 41.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 44.49 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:146 Resp: 177059
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.7 79.1
 111 41.9 28.8 43.2

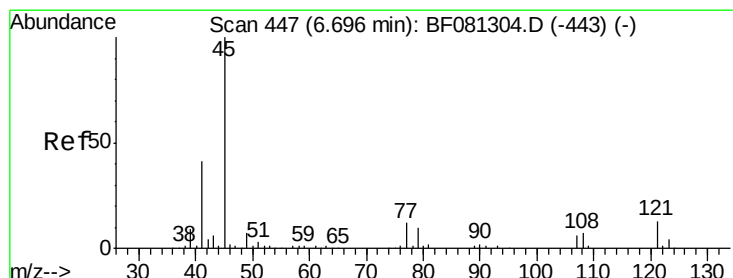
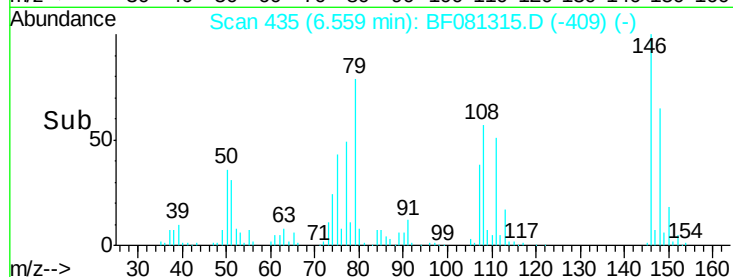
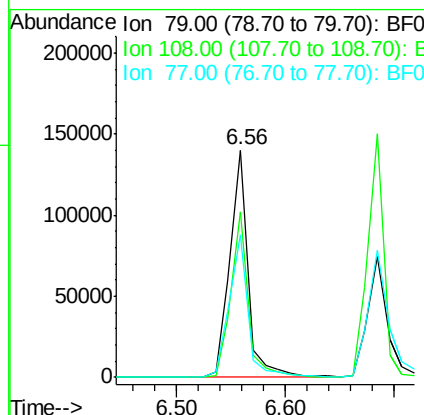
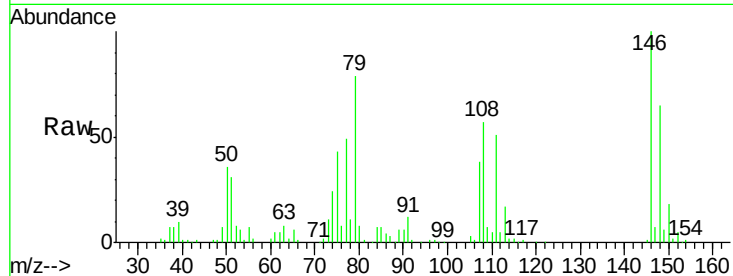




#15
Benzyl Alcohol
Concen: 40.98 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

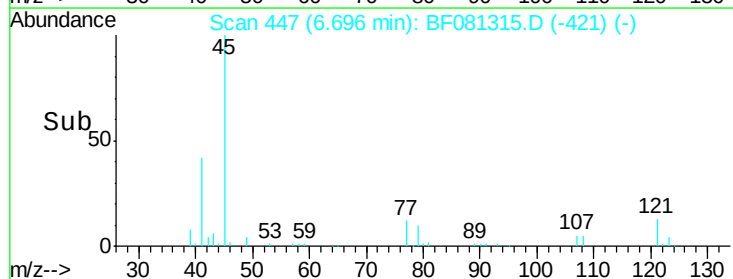
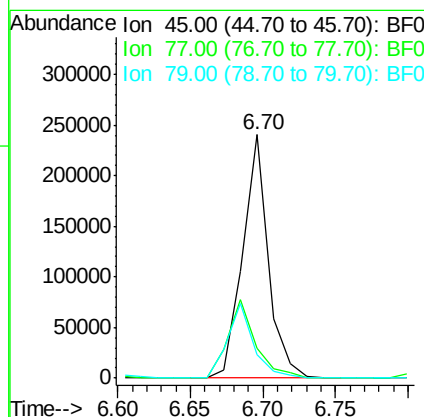
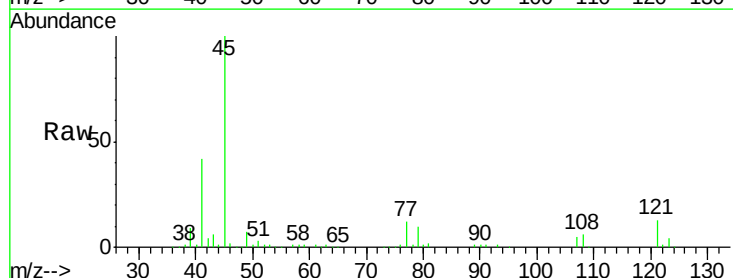
Instrument :
BNA_F
ClientSampled :

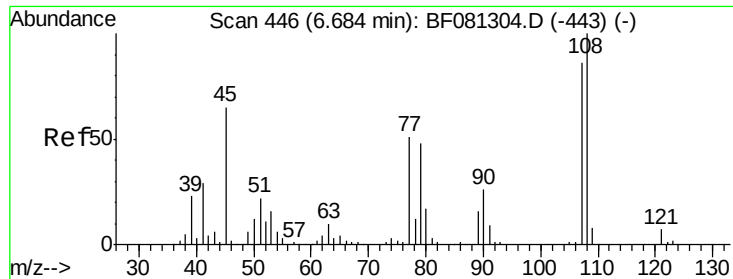
Tot Ion: 79 Resp: 164075
Ion Ratio Lower Upper
79 100
108 72.5 88.6 132.8#
77 62.8 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.62 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Tgt Ion: 45 Resp: 294461
Ion Ratio Lower Upper
45 100
77 12.1 0.0 28.1
79 9.6 0.0 26.0

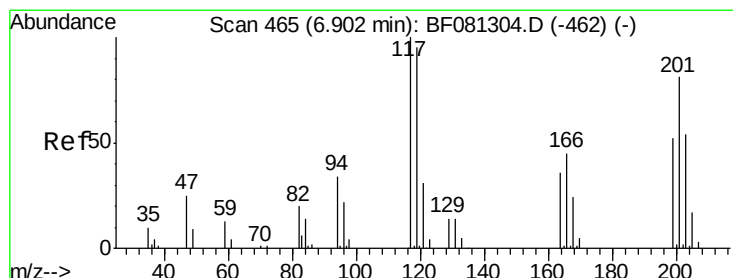
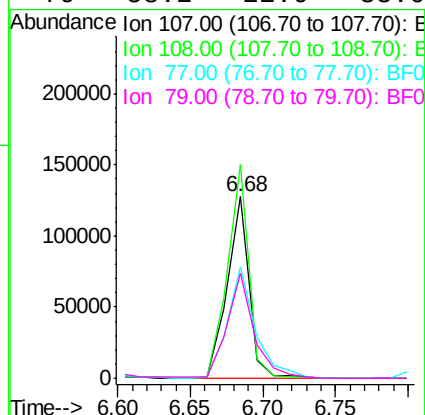
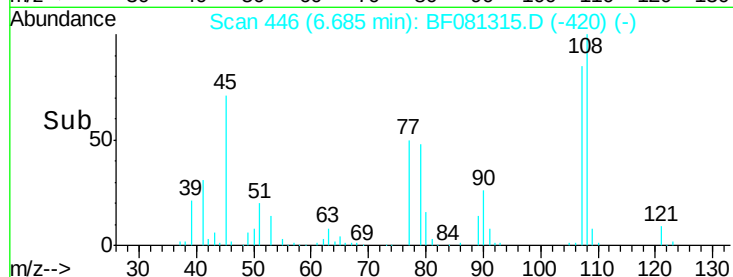
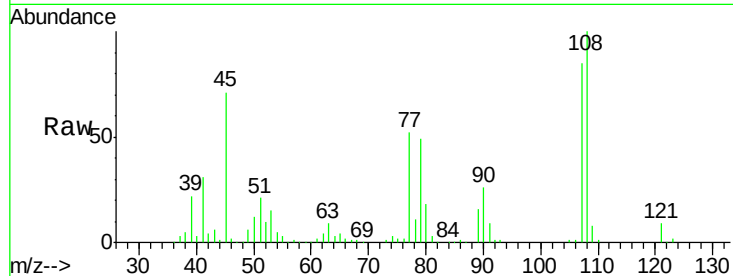




#17
2-Methylphenol
Concen: 41.08 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

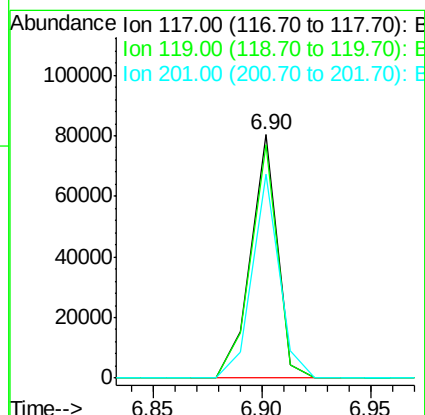
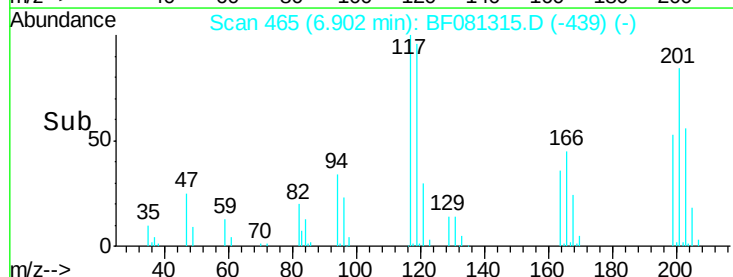
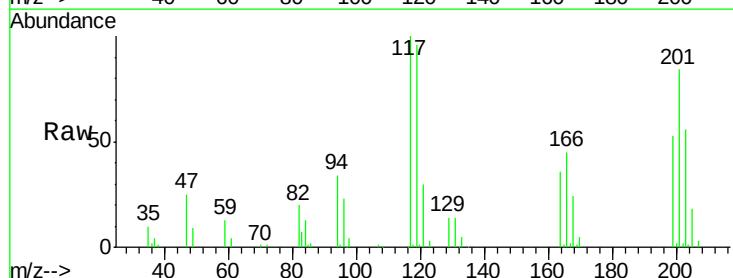
Instrument :
BNA_F
ClientSampleId :

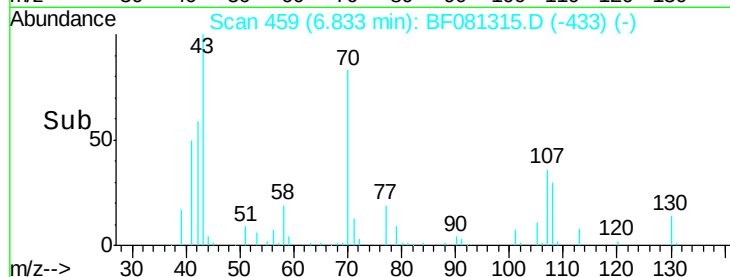
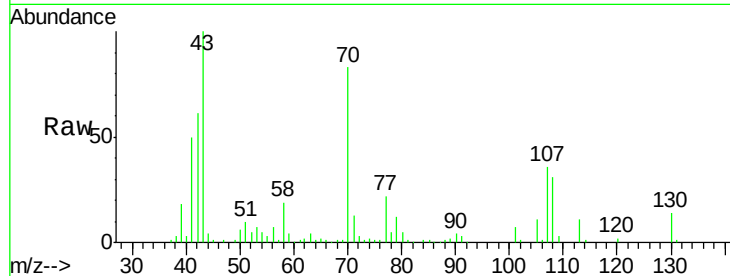
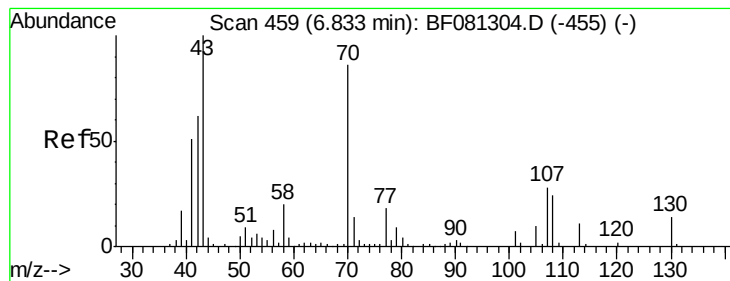
Tot Ion:107 Resp: 133197
Ion Ratio Lower Upper
107 100
108 117.8 96.6 145.0
77 61.2 23.3 34.9#
79 58.2 22.0 33.0#



#18
Hexachloroethane
Concen: 39.89 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Tgt Ion:117 Resp: 68606
Ion Ratio Lower Upper
117 100
119 96.0 83.8 125.6
201 83.9 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 36.79 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 122201

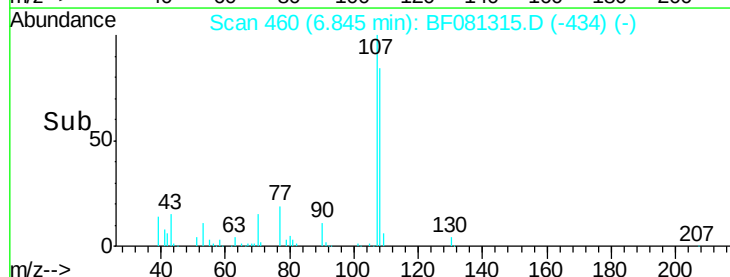
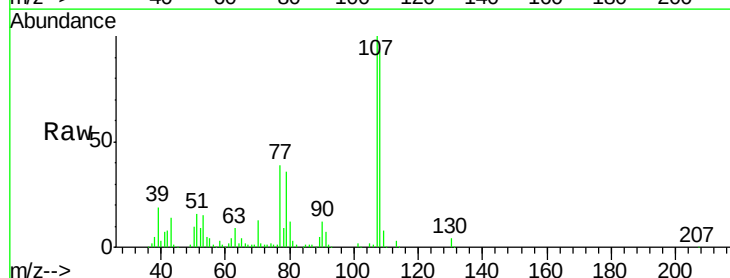
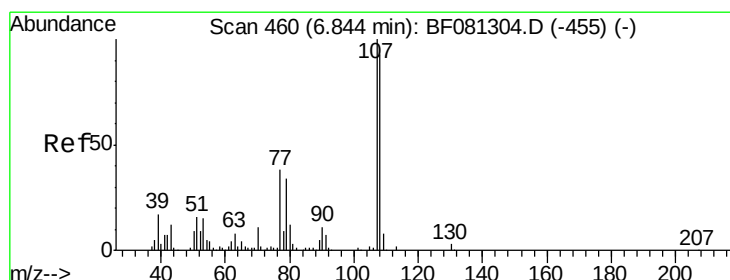
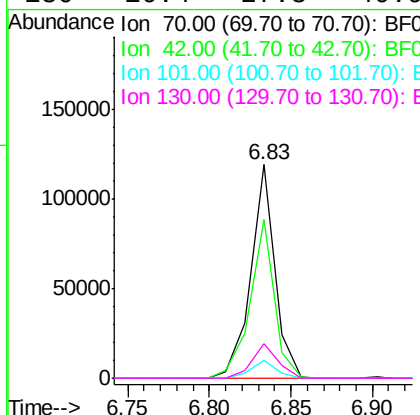
Ion Ratio Lower Upper

70 100

42 74.4 63.8 95.6

101 8.7 9.2 13.8#

130 16.4 27.3 40.9#



#20

3+4-Methylphenols

Concen: 39.74 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Tgt Ion:107 Resp: 173707

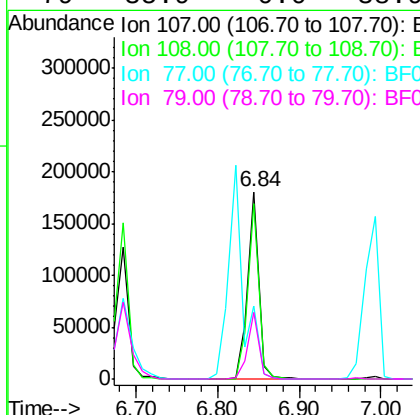
Ion Ratio Lower Upper

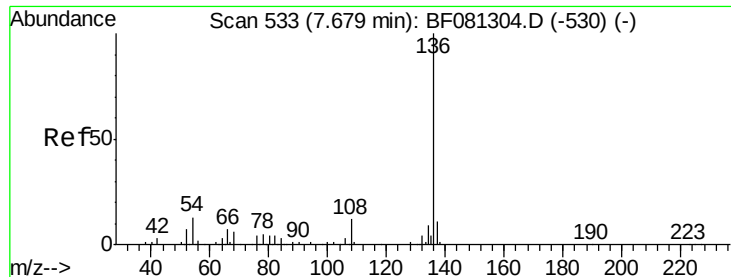
107 100

108 93.4 74.6 114.6

77 39.1 0.7 40.7

79 35.9 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081315.D

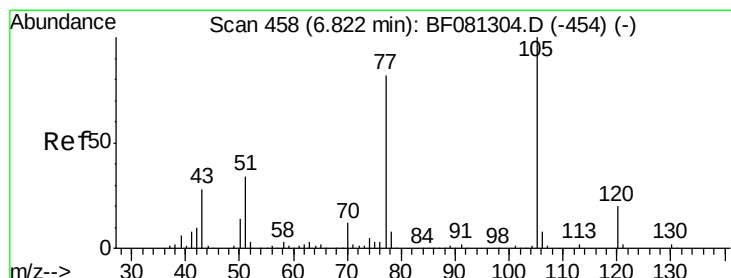
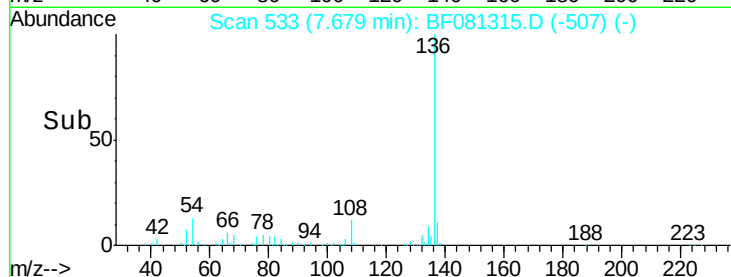
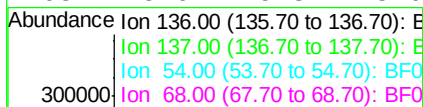
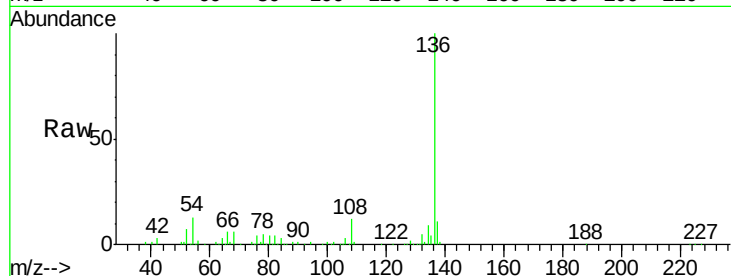
Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	214645
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	13.0	8.2 12.2#
68	5.6	5.8 8.6#



#22

Acetophenone

Concen: 41.35 ng

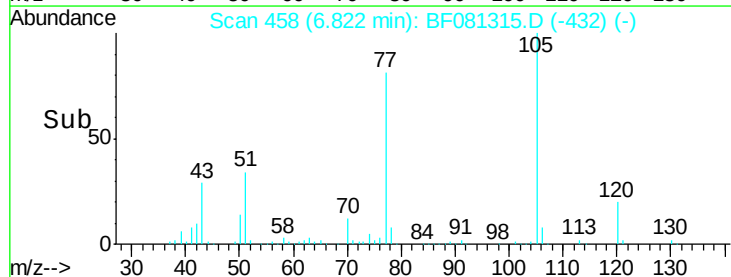
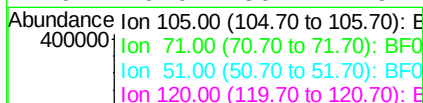
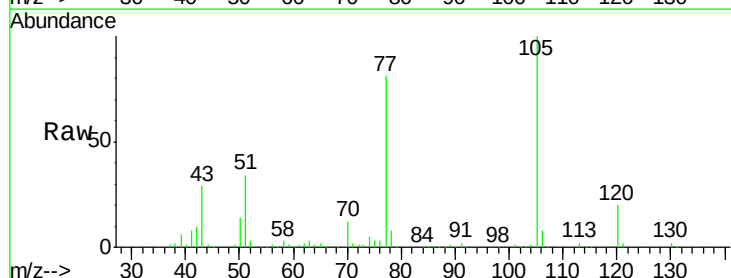
RT: 6.82 min Scan# 458

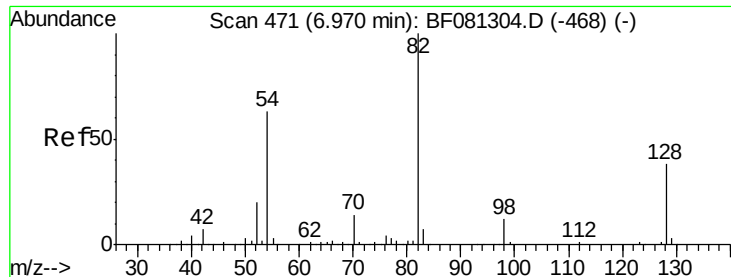
Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Tgt Ion:105	Resp:	242411
Ion Ratio	Lower	Upper
105	100	
71	2.0	4.7 7.1#
51	34.2	22.0 33.0#
120	20.0	30.1 45.1#

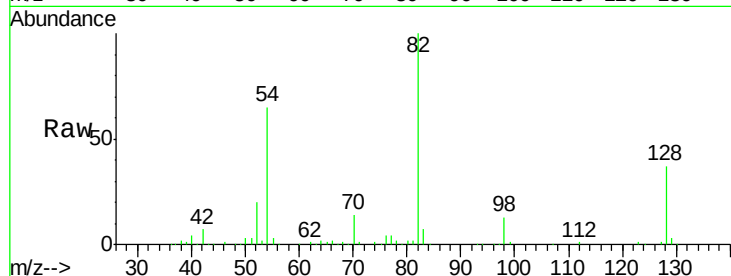




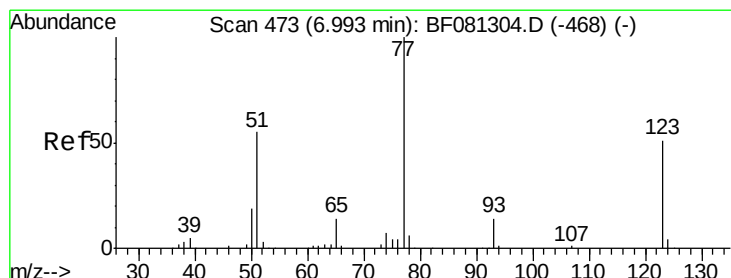
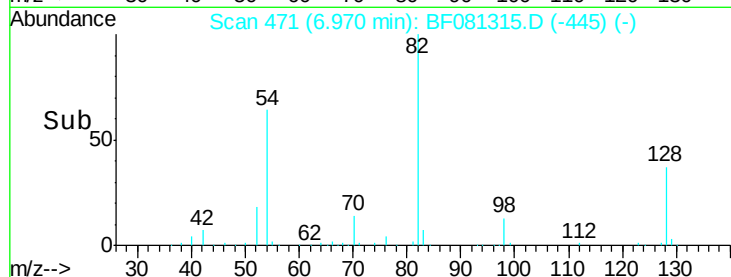
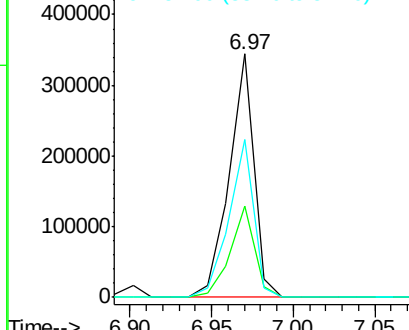
#23
 Nitrobenzene-d5
 Concen: 80.35 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 357455
 Ion Ratio Lower Upper
 82 100
 128 37.4 51.0 76.6#
 54 64.9 47.5 71.3

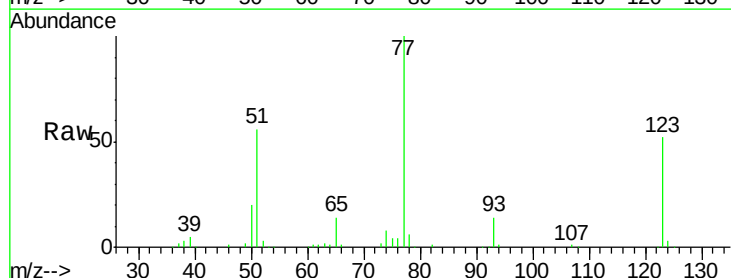


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

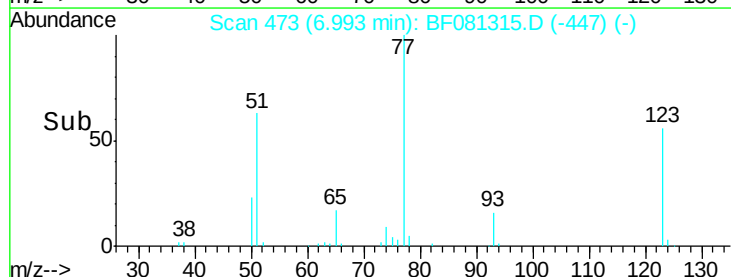
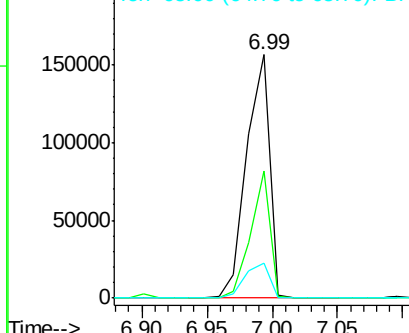


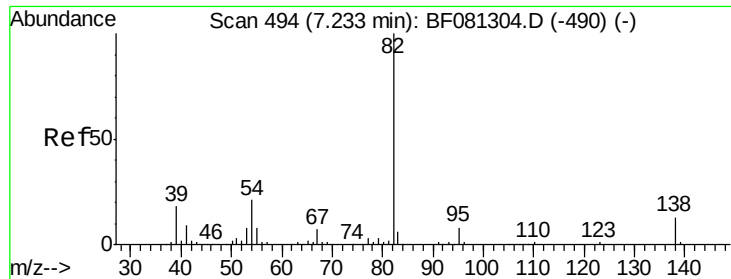
#24
 Nitrobenzene
 Concen: 41.74 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion: 77 Resp: 192821
 Ion Ratio Lower Upper
 77 100
 123 52.3 59.8 89.8#
 65 14.4 10.2 15.4



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





#25

Isophorone

Concen: 40.18 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

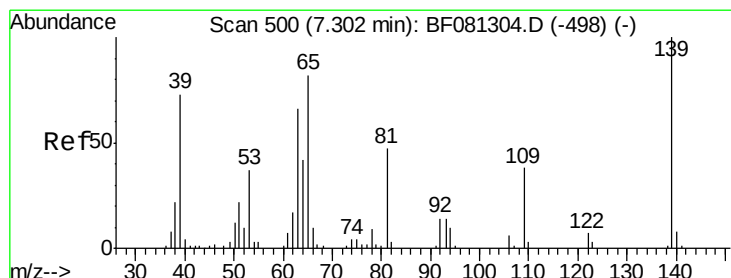
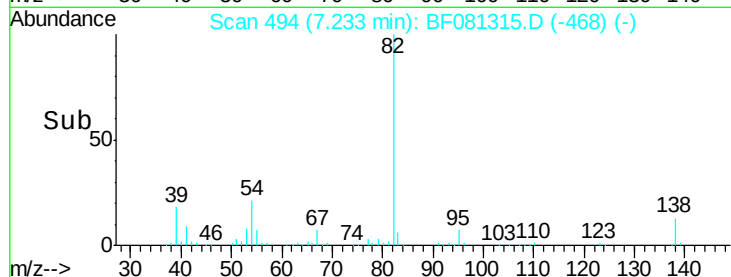
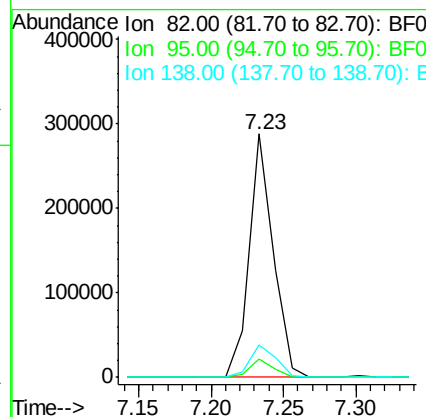
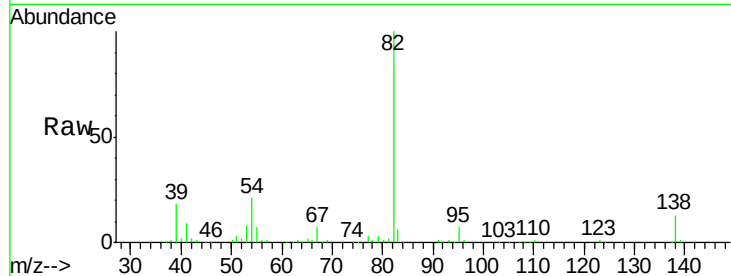
Tot Ion: 82 Resp: 332465

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

138 13.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 37.45 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

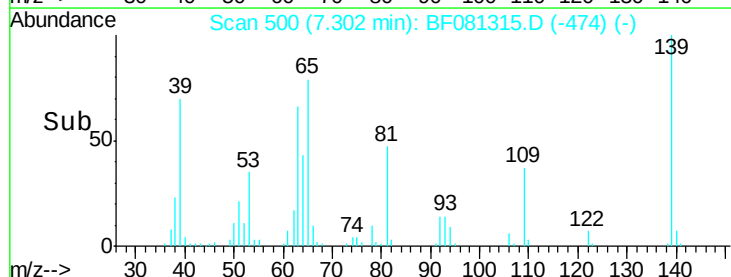
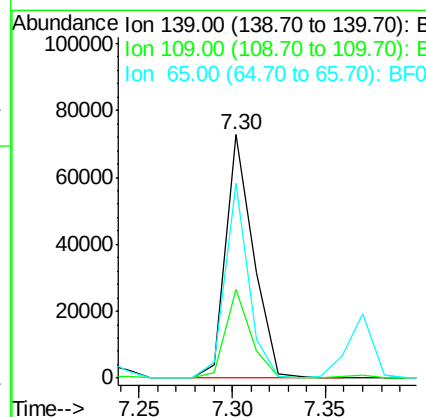
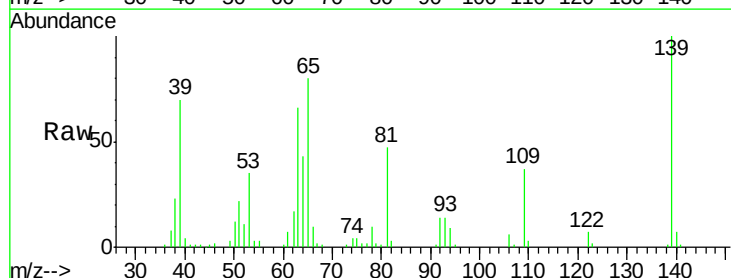
Tgt Ion: 139 Resp: 75407

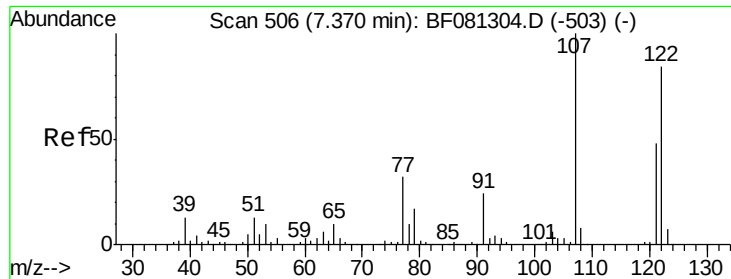
Ion Ratio Lower Upper

139 100

109 36.6 11.0 16.4#

65 80.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 43.72 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

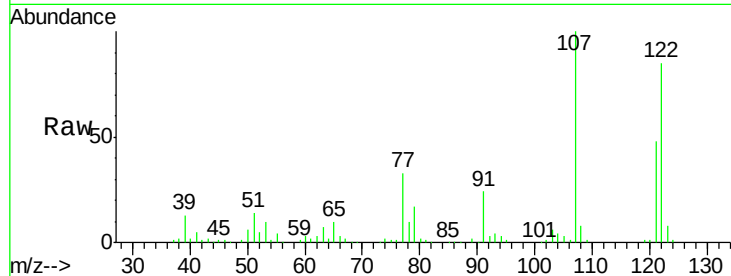
Tot Ion:122 Resp: 152066

Ion Ratio Lower Upper

122 100

107 117.2 71.8 107.6#

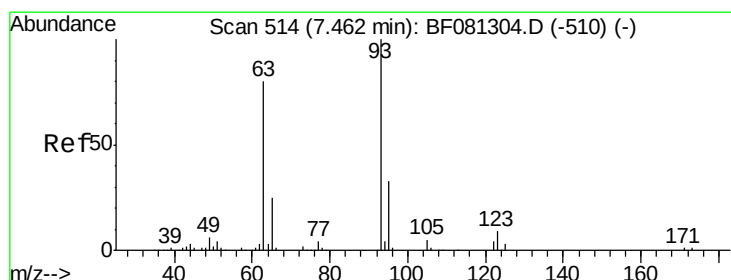
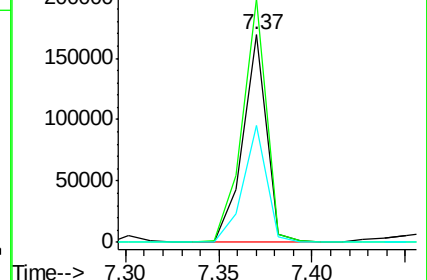
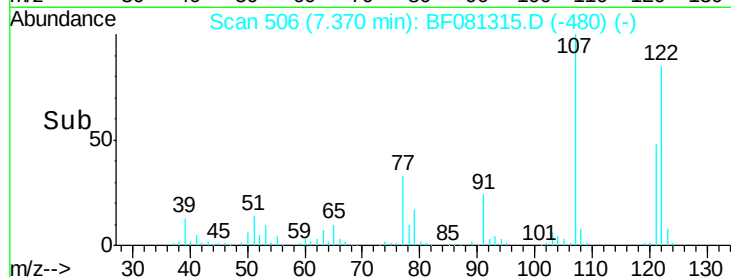
121 56.0 42.3 63.5



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: 43.55 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

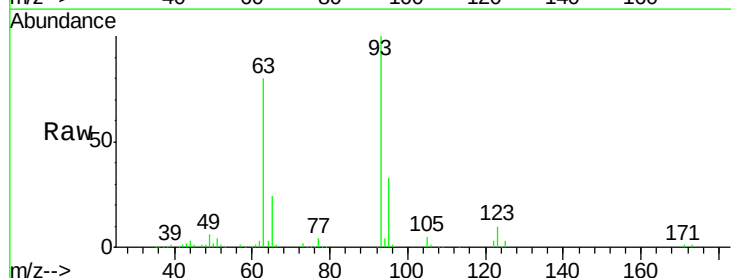
Tgt Ion: 93 Resp: 208179

Ion Ratio Lower Upper

93 100

95 32.7 27.5 41.3

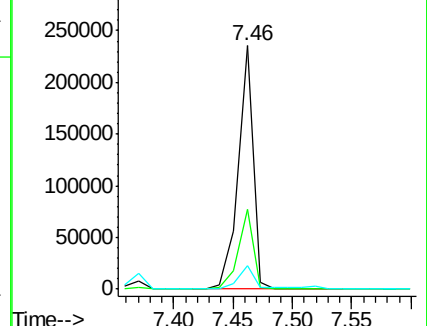
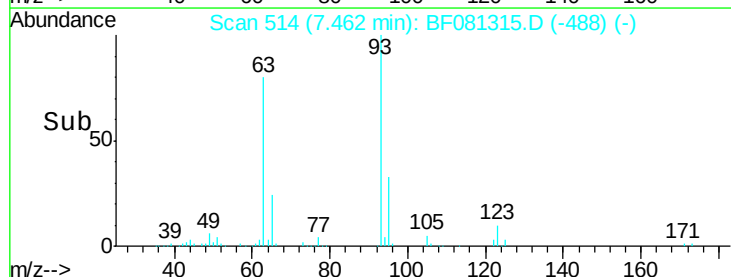
123 9.6 13.7 20.5#

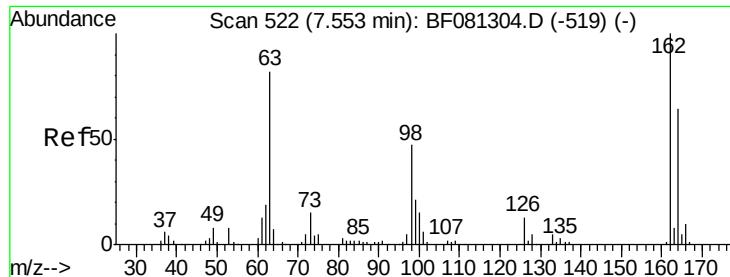


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

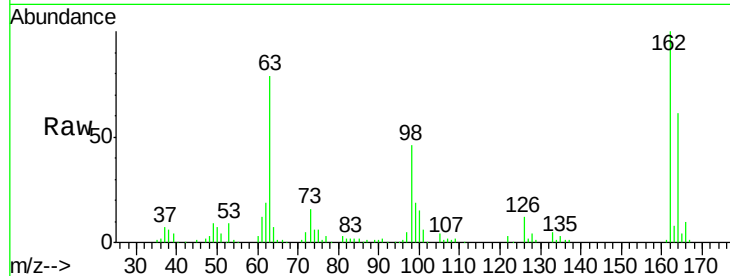




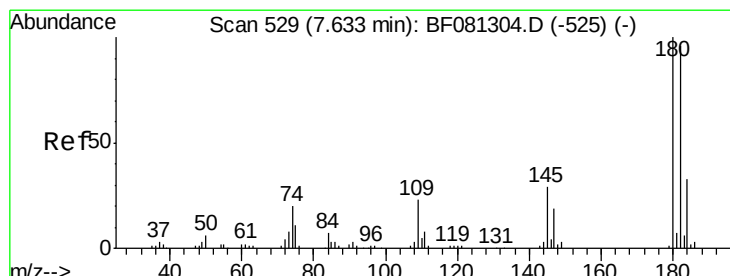
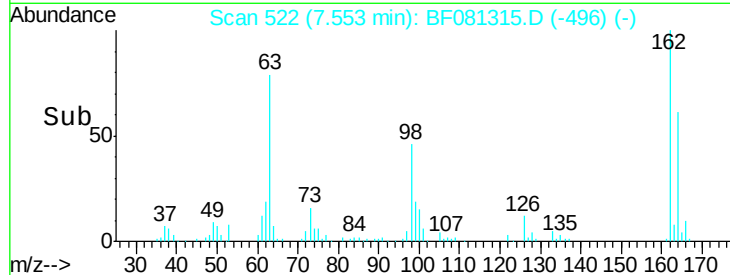
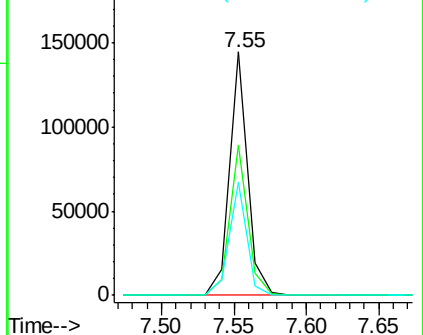
#29
 2,4-Dichlorophenol
 Concen: 41.35 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	44.9	84.9
98	46.3	13.0	53.0

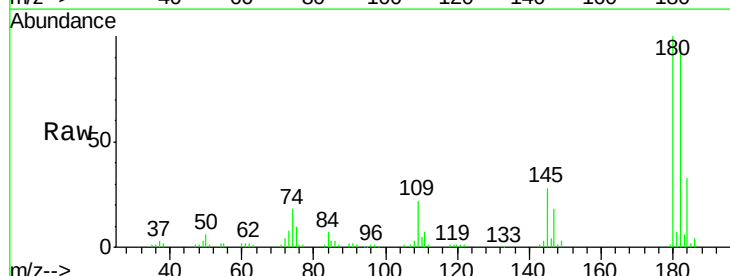


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

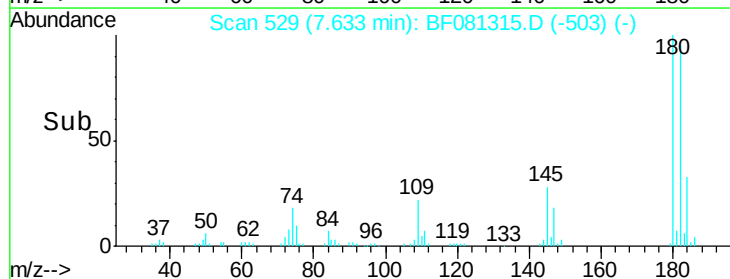
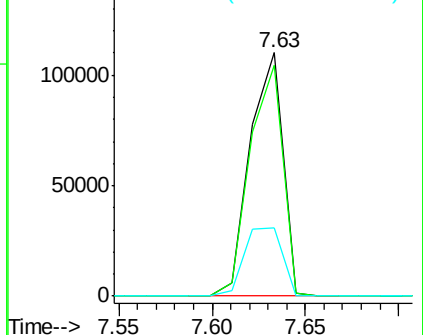


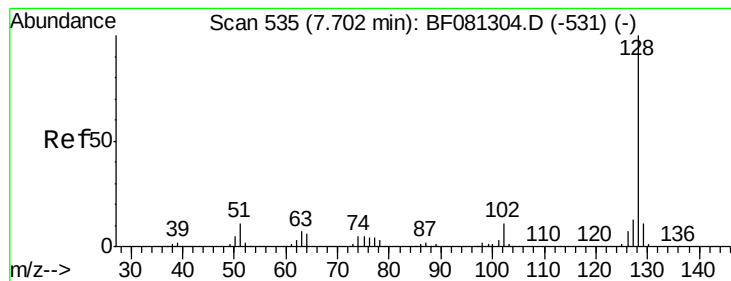
#30
 1,2,4-Trichlorobenzene
 Concen: 40.98 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
145	28.2	23.3	34.9



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





#31

Naphthalene

Concen: 39.80 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

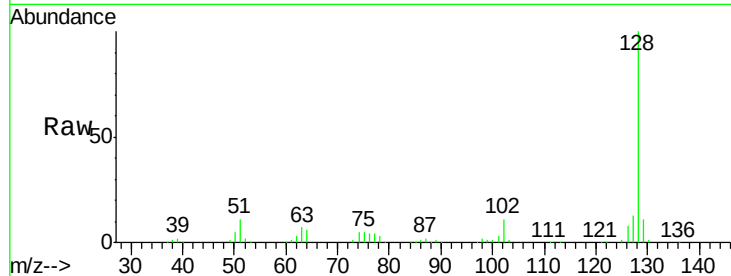
Tot Ion:128 Resp: 455620

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

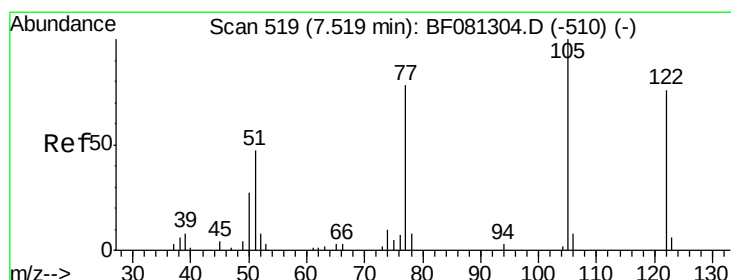
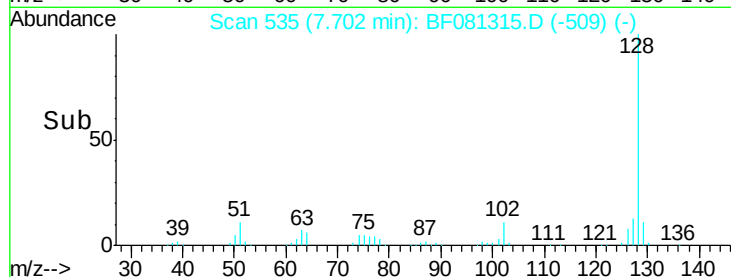
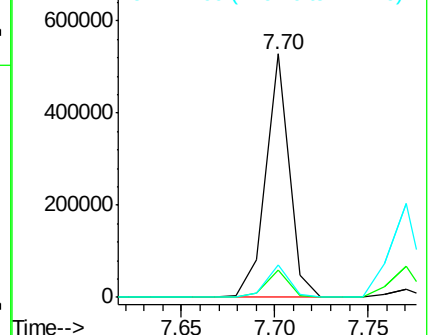
127 13.2 9.9 14.9



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: 39.04 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

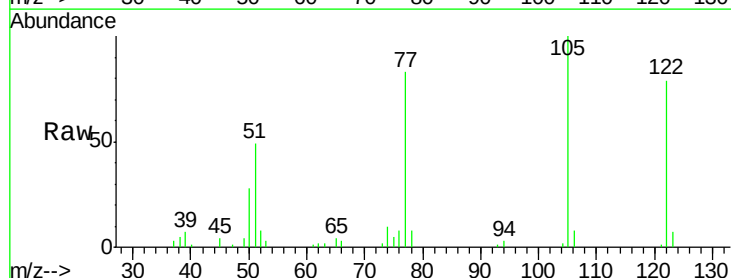
Tgt Ion:122 Resp: 95692

Ion Ratio Lower Upper

122 100

105 127.2 76.1 116.1#

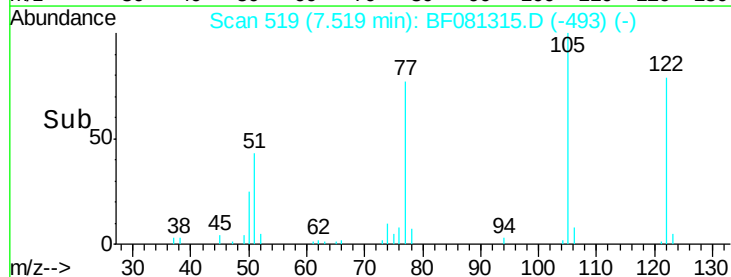
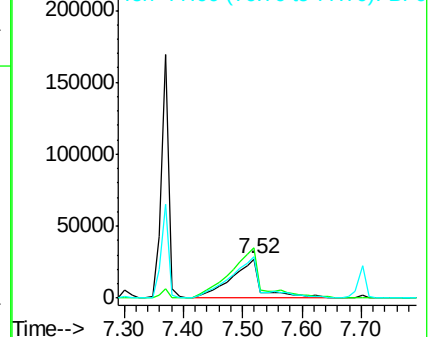
77 105.4 40.5 80.5#

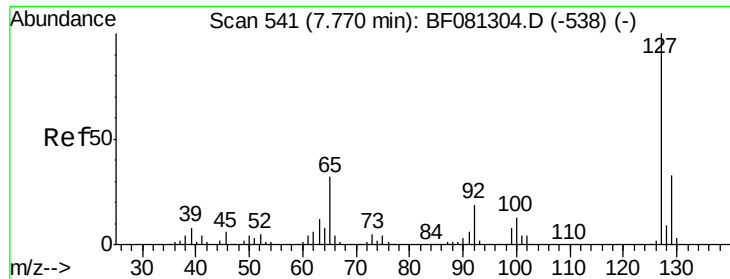


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

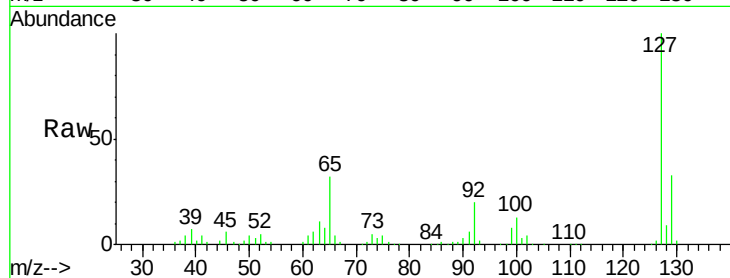




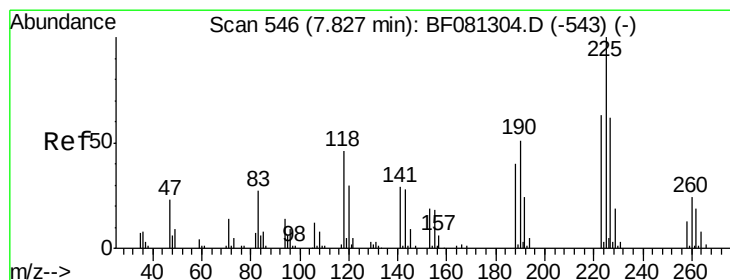
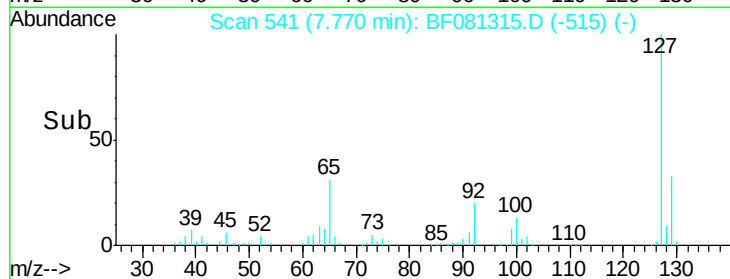
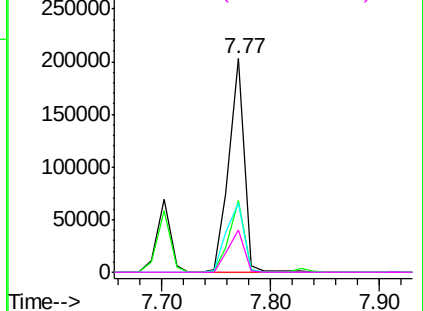
#33
4-Chloroaniline
Concen: 42.59 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	198855
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.6
65	32.1	17.9	26.9#
92	19.6	10.5	15.7#

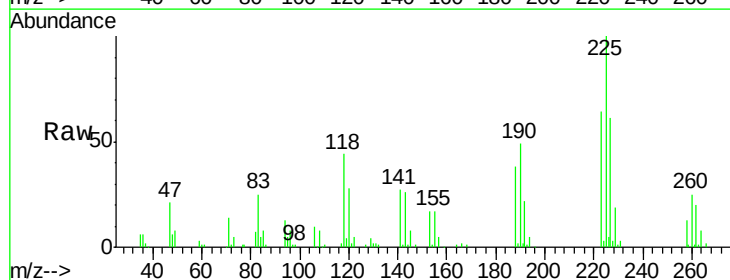


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

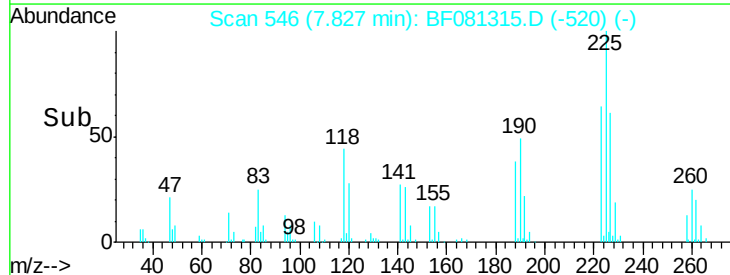
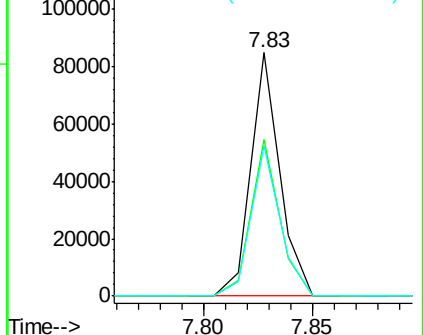


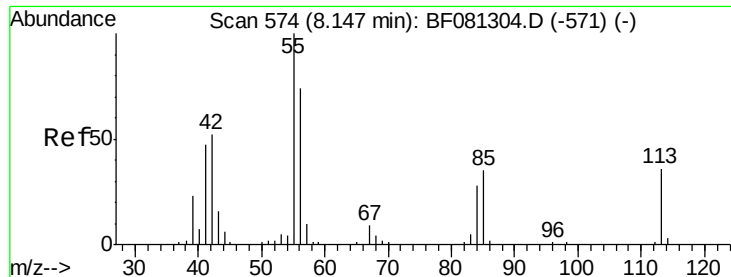
#34
Hexachlorobutadiene
Concen: 39.39 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Tgt Ion:	225	Resp:	78547
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.2
227	61.5	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

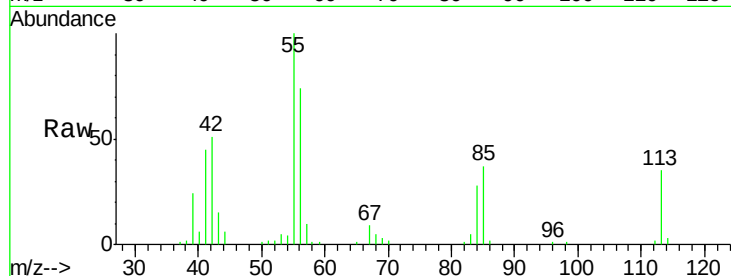




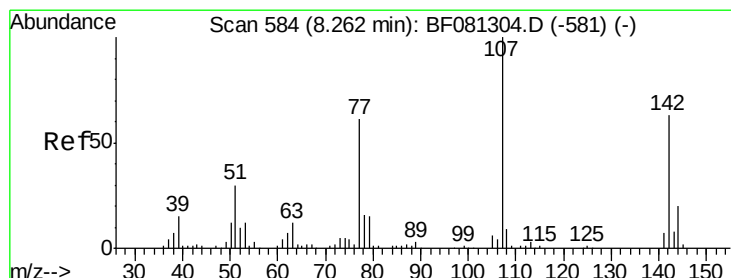
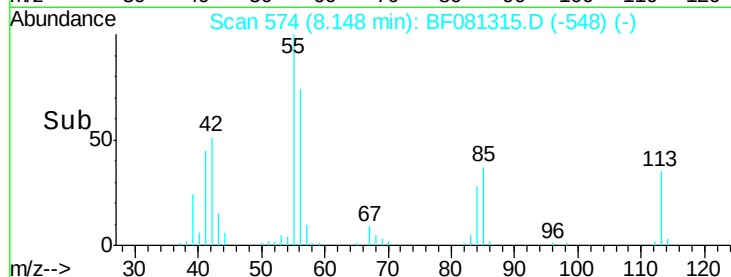
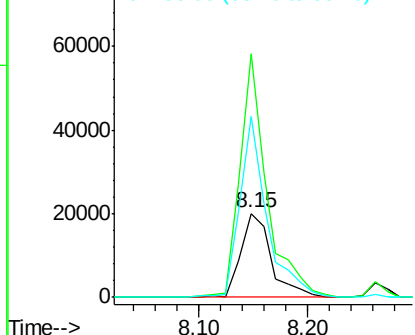
#35
 Caprolactam
 Concen: 41.72 ng
 RT: 8.15 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 38588
 Ion Ratio Lower Upper
 113 100
 55 289.3 152.4 192.4#
 56 214.6 104.6 144.6#

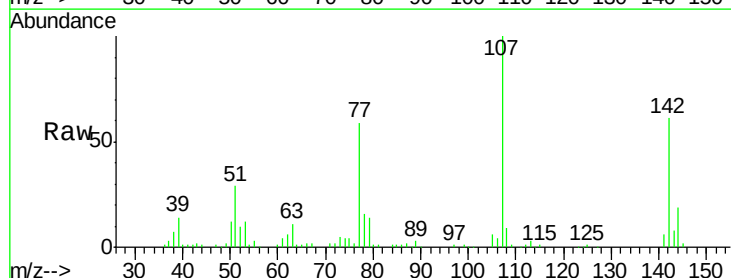


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

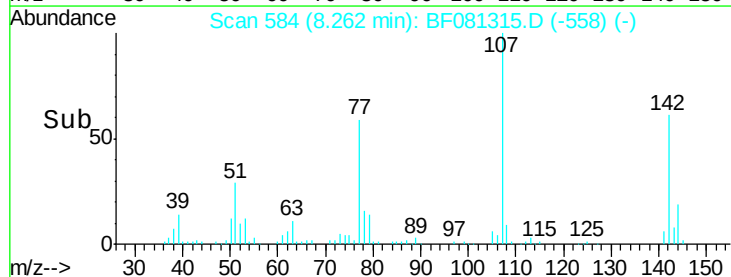
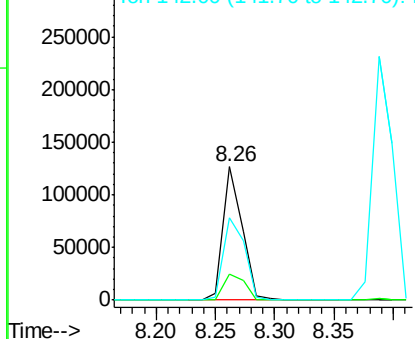


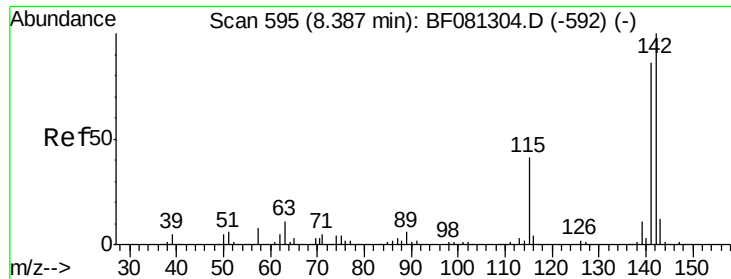
#36
 4-Chloro-3-methylphenol
 Concen: 41.34 ng
 RT: 8.26 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:107 Resp: 139572
 Ion Ratio Lower Upper
 107 100
 144 19.5 25.4 38.0#
 142 61.4 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

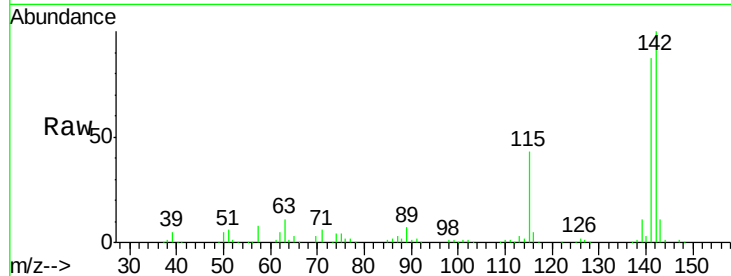




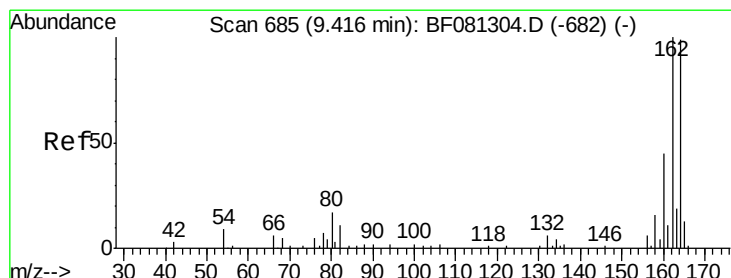
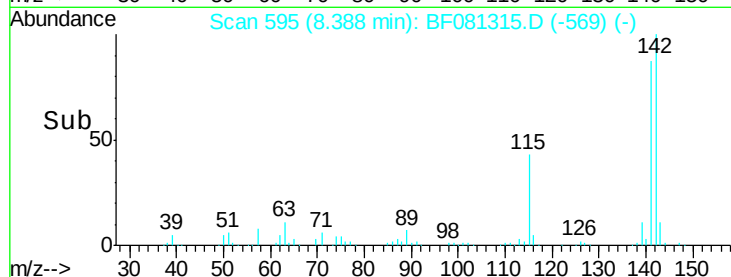
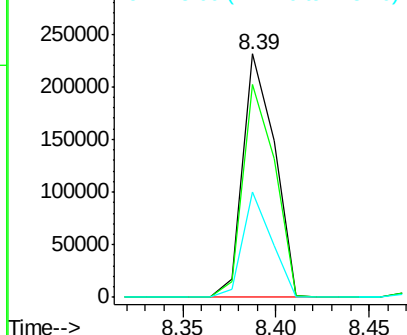
#37
2-Methylnaphthalene
Concen: 36.75 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 273778
Ion Ratio Lower Upper
142 100
141 87.3 67.5 101.3
115 43.3 18.2 27.2#

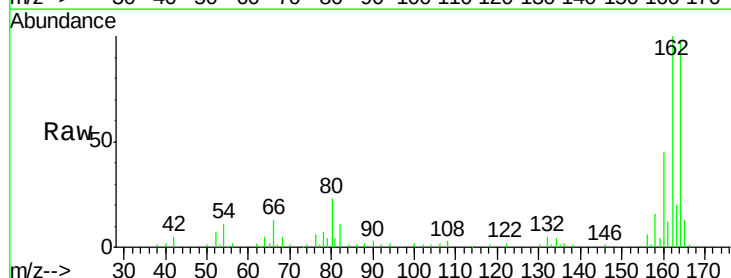


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

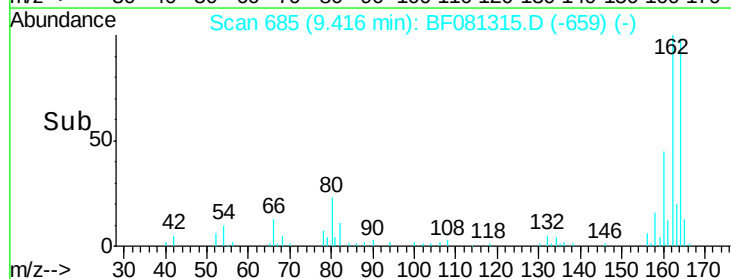
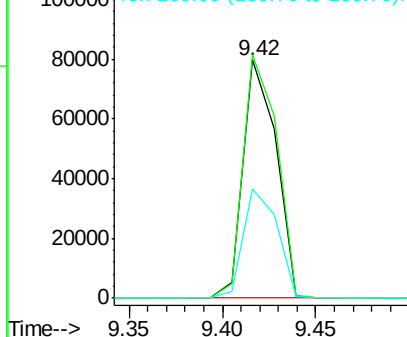


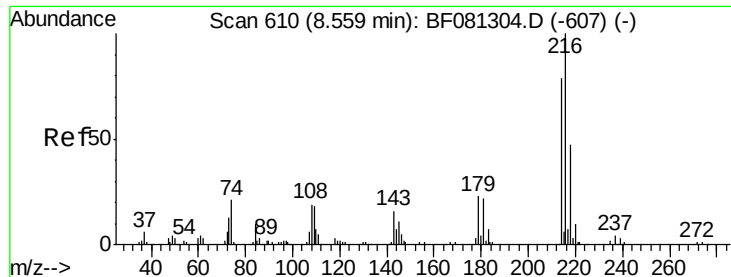
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Tgt Ion:164 Resp: 97742
Ion Ratio Lower Upper
164 100
162 102.2 75.2 112.8
160 45.9 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

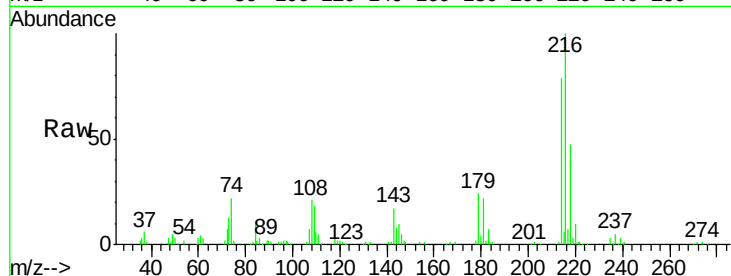




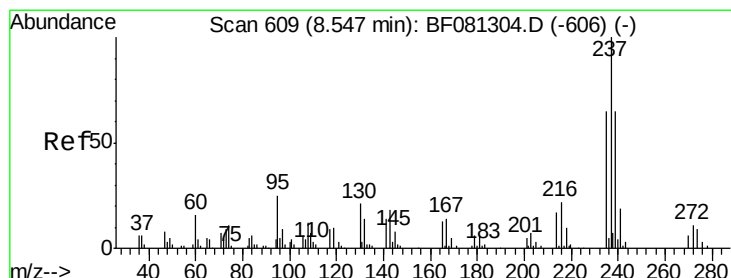
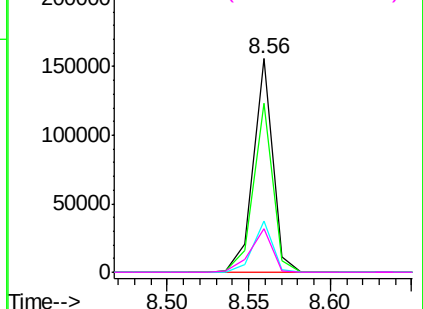
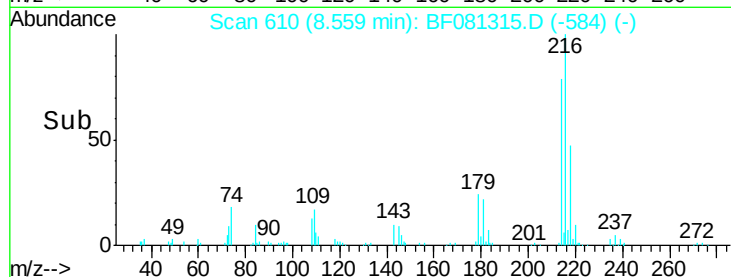
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.10 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	130122
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.5 95.3
179	23.5	16.6 24.8
108	23.0	16.3 24.5

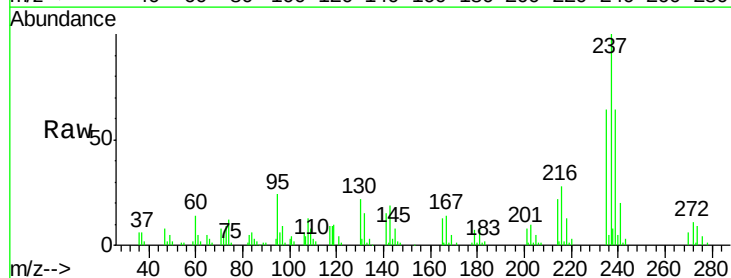


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

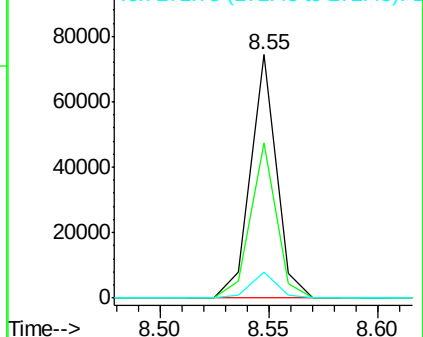
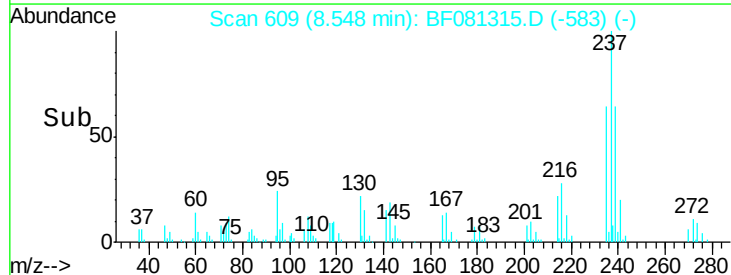


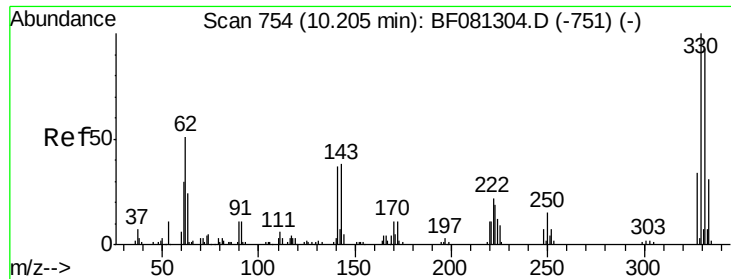
#40
 Hexachlorocyclopentadiene
 Concen: 40.68 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:237	Resp:	61707
Ion Ratio	Lower	Upper
237	100	
235	63.8	42.0 82.0
272	10.9	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

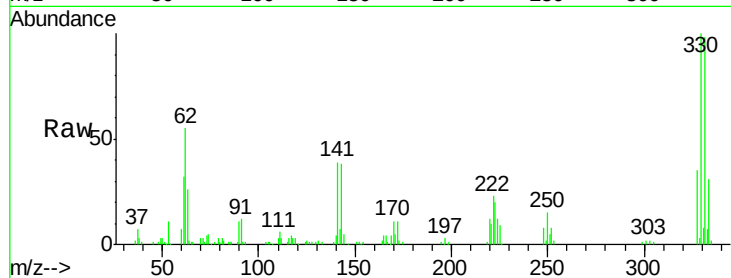




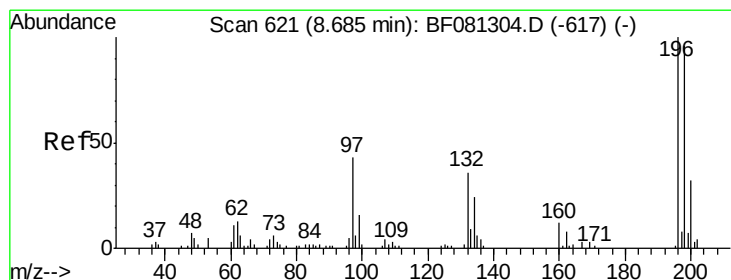
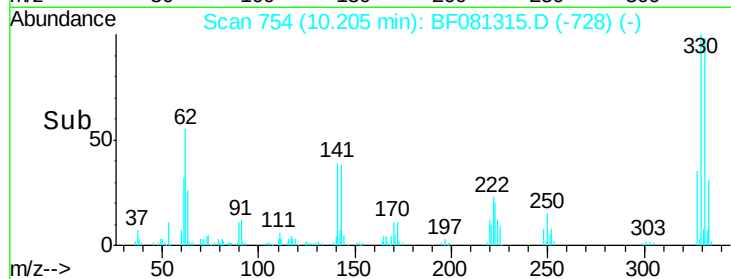
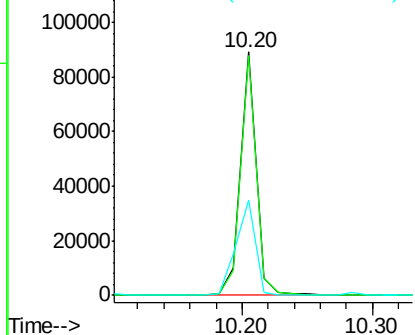
#41
 2,4,6-Tribromophenol
 Concen: 85.00 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 73978
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 48.0 29.7 44.5#

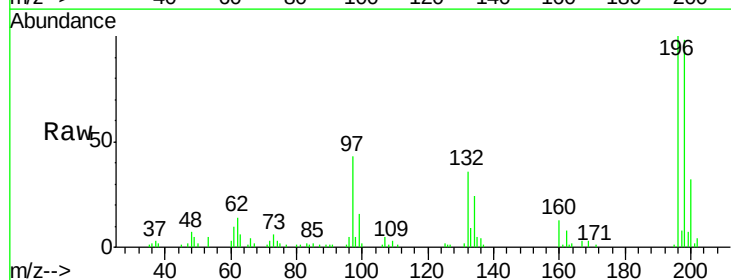


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

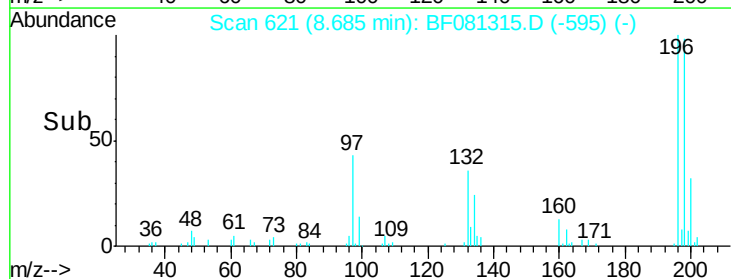
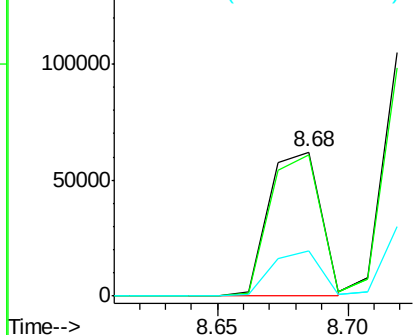


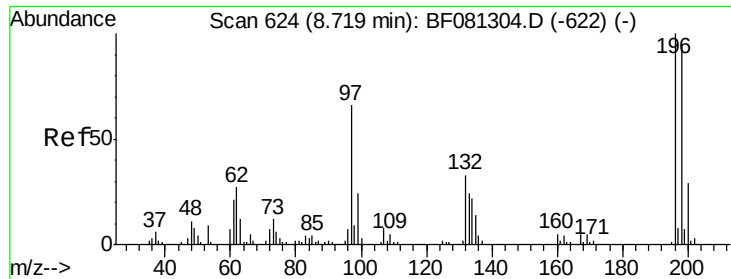
#42
 2,4,6-Trichlorophenol
 Concen: 39.69 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:196 Resp: 84678
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.7 113.5
 200 31.8 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

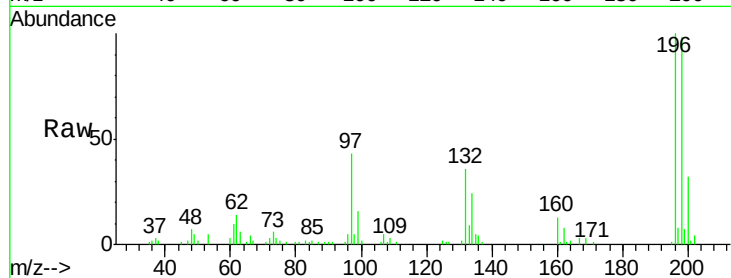




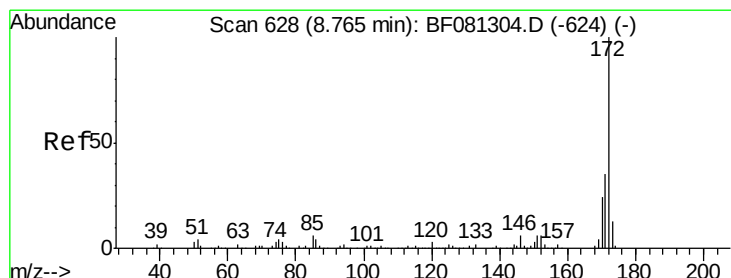
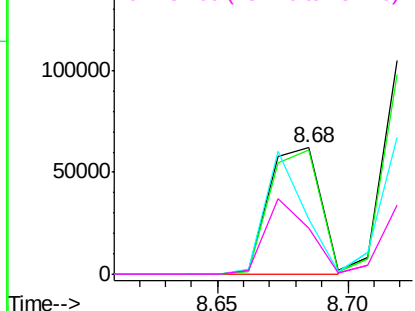
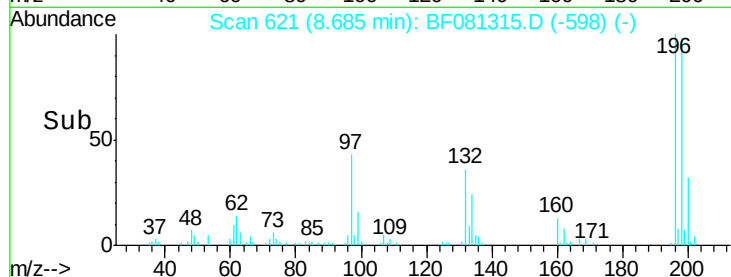
#43
 2,4,5-Trichlorophenol
 Concen: 38.91 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 84678
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.4 113.0
 97 43.3 33.3 49.9
 132 36.4 24.6 37.0

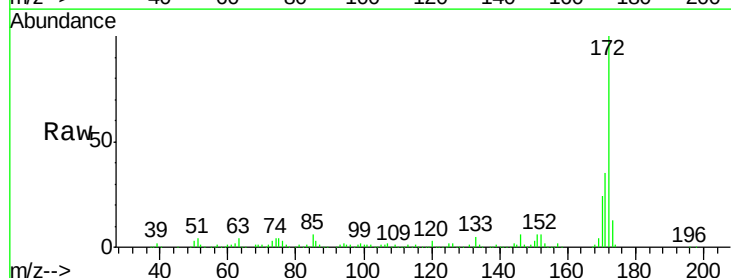


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

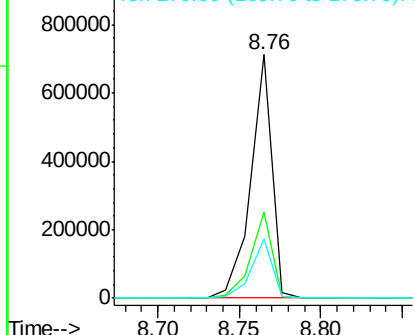
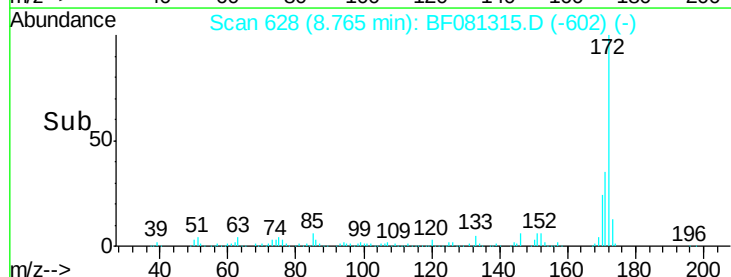


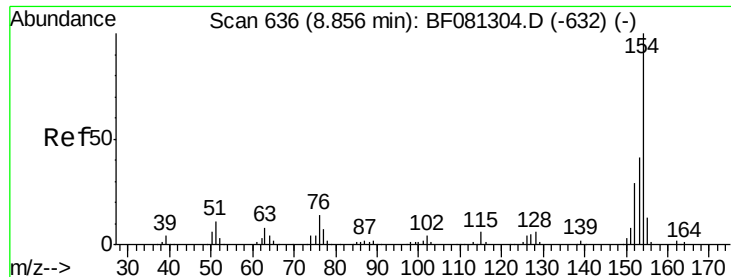
#44
 2-Fluorobiphenyl
 Concen: 83.73 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:172 Resp: 638608
 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

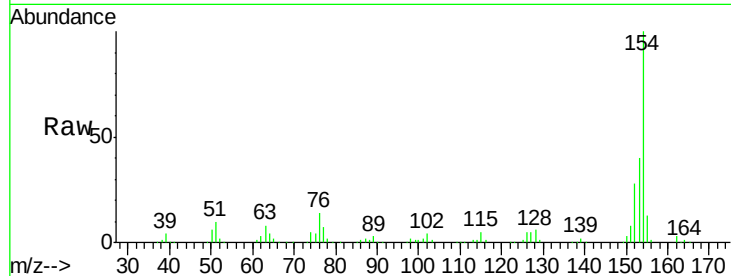




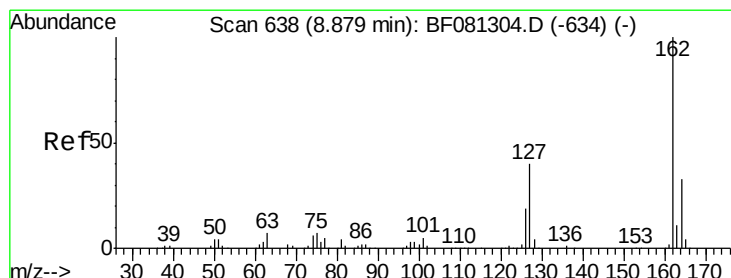
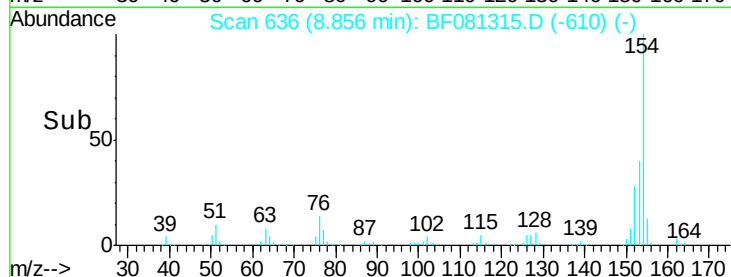
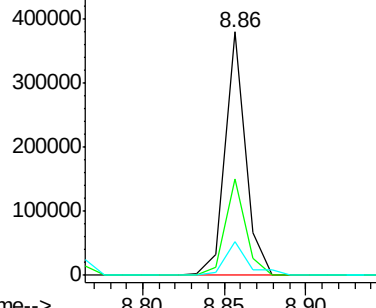
#45
 1,1'-Biphenyl
 Concen: 36.70 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 330038
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 13.9 0.0 31.6

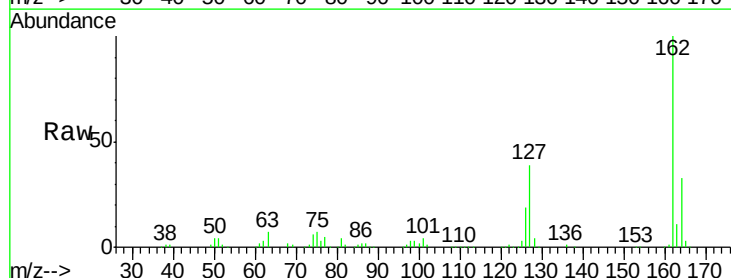


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

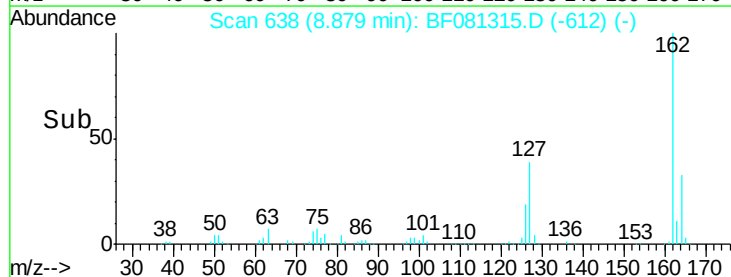
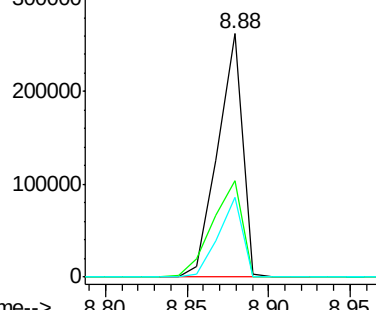


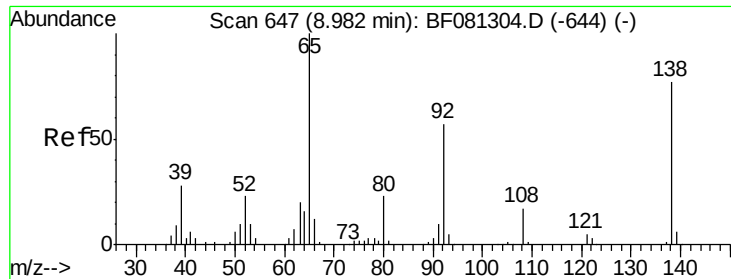
#46
 2-Chloronaphthalene
 Concen: 42.47 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:162 Resp: 275802
 Ion Ratio Lower Upper
 162 100
 127 39.4 27.6 41.4
 164 32.6 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: 43.18 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampled :

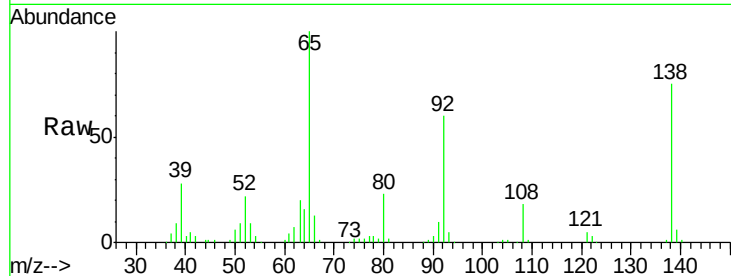
Tot Ion: 65 Resp: 114281

Ion Ratio Lower Upper

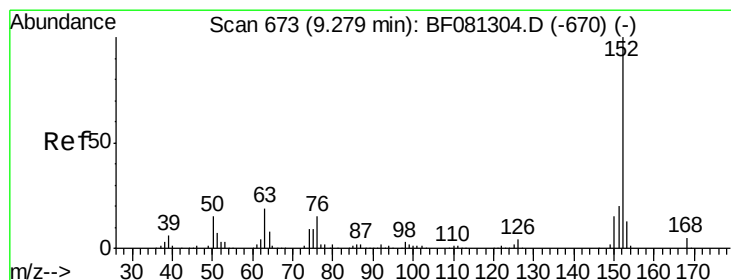
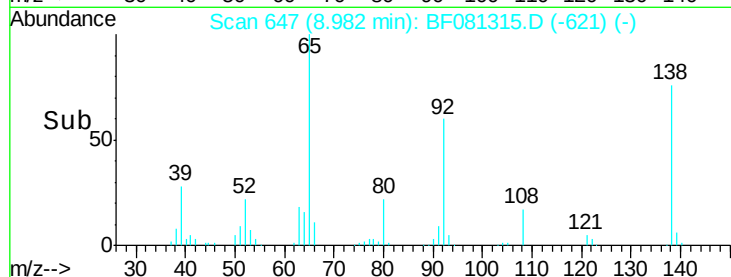
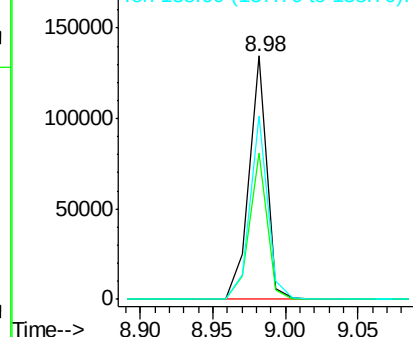
65 100

92 60.0 55.4 83.0

138 75.4 115.5 173.3#



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): BF0



#48

Acenaphthylene

Concen: 36.82 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

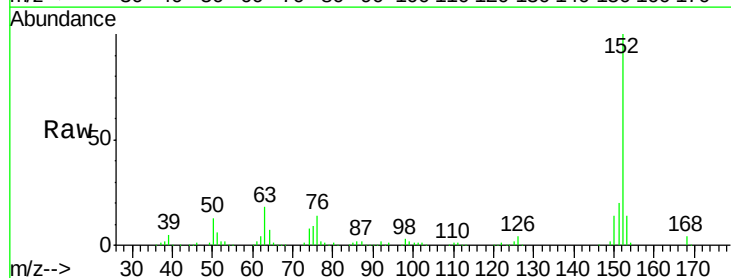
Tgt Ion: 152 Resp: 424170

Ion Ratio Lower Upper

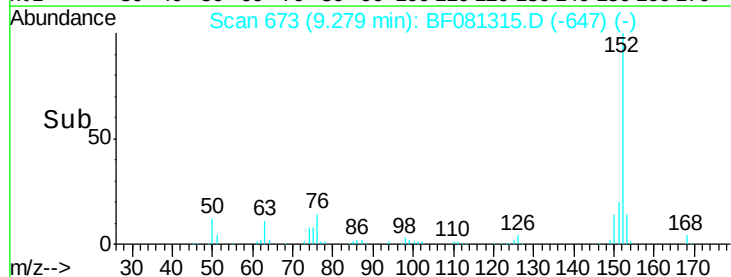
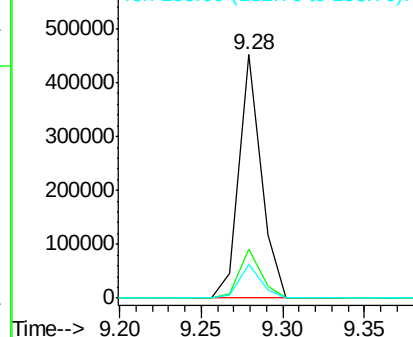
152 100

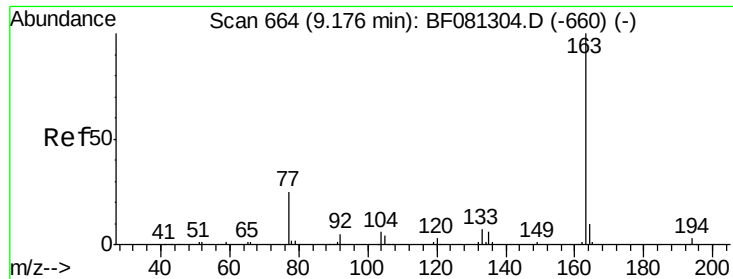
151 20.3 14.6 22.0

153 13.6 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

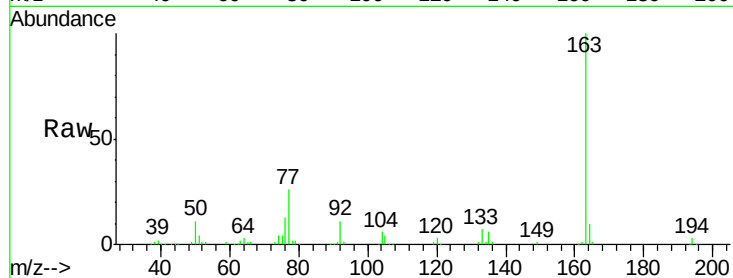




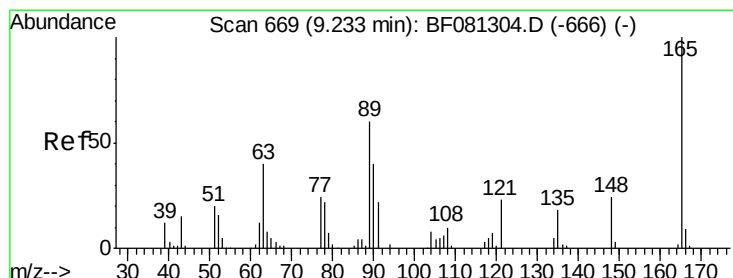
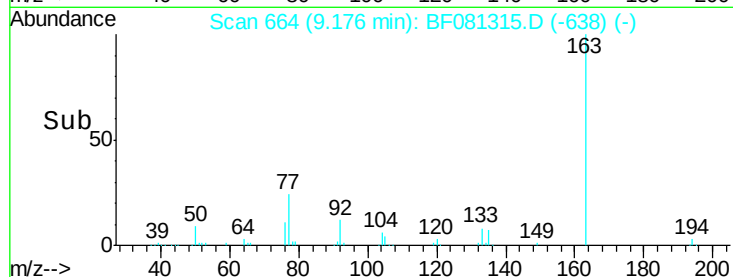
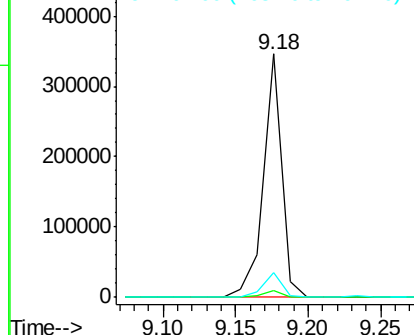
#49
Dimethylphthalate
Concen: 39.85 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 302626
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.1 8.3 12.5

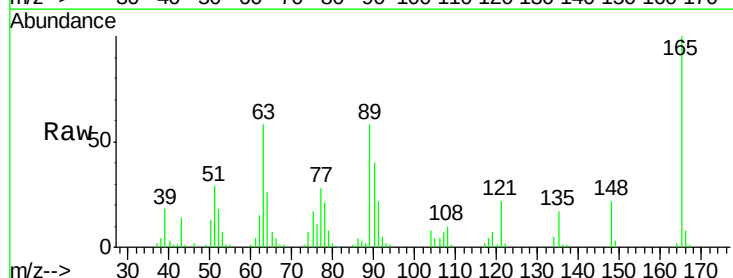


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

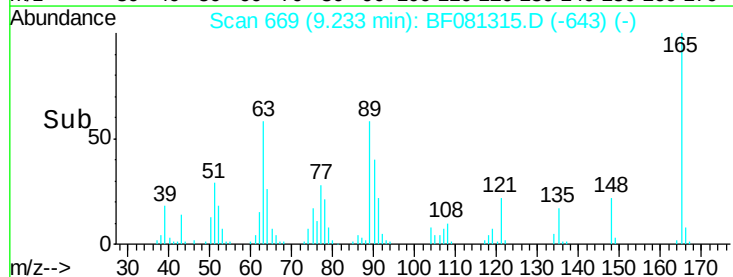
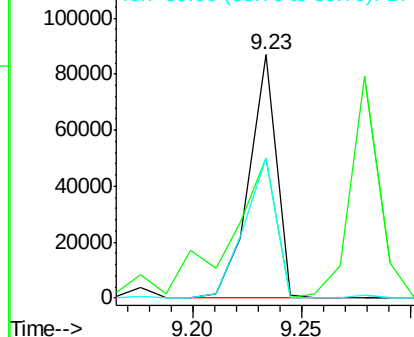


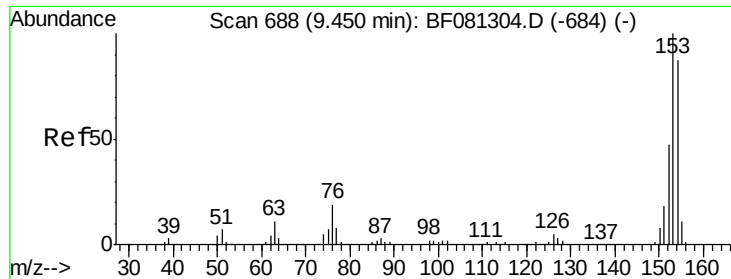
#50
2,6-Dinitrotoluene
Concen: 44.21 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Tgt Ion:165 Resp: 76208
Ion Ratio Lower Upper
165 100
63 57.5 32.3 48.5#
89 57.5 28.6 43.0#



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





#51

Acenaphthene

Concen: 36.00 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

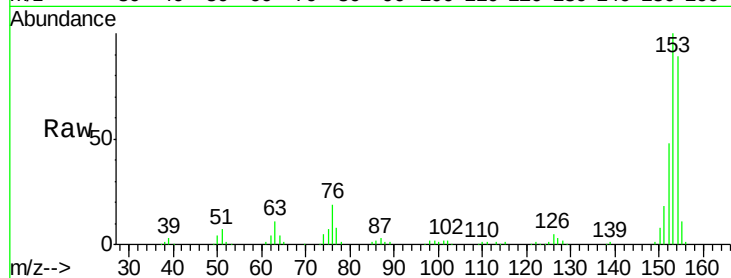
Tot Ion:154 Resp: 235961

Ion Ratio Lower Upper

154 100

153 112.8 82.1 123.1

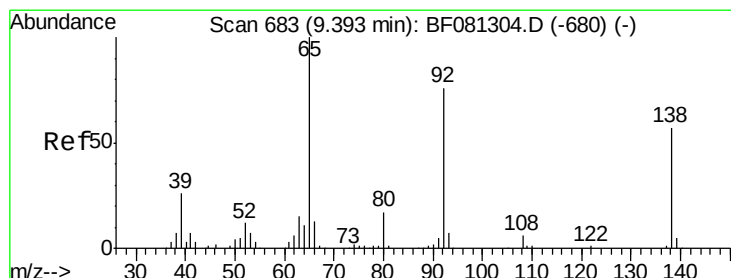
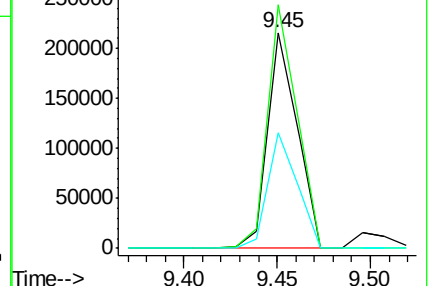
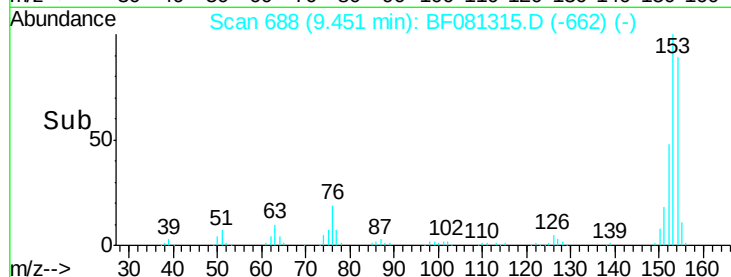
152 53.8 37.9 56.9



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: 40.43 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

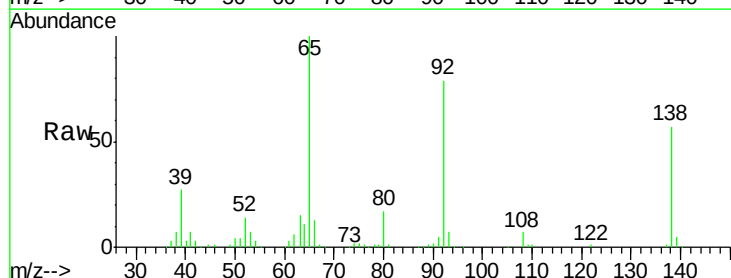
Tgt Ion:138 Resp: 79335

Ion Ratio Lower Upper

138 100

108 11.9 5.7 8.5#

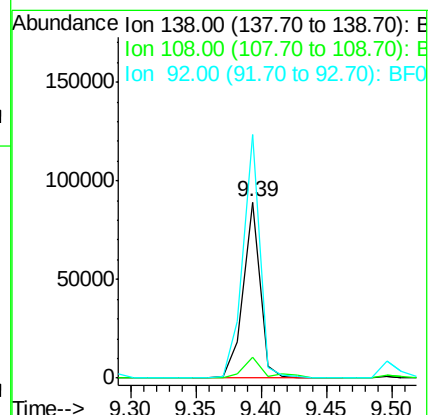
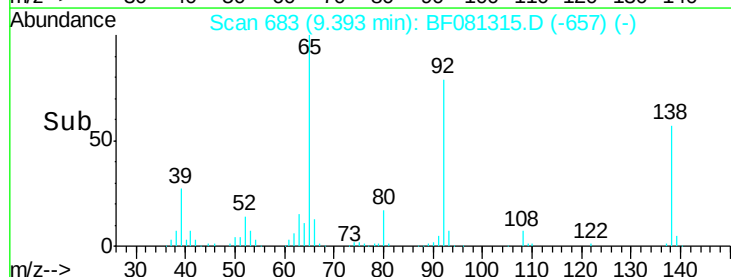
92 138.2 67.7 101.5#

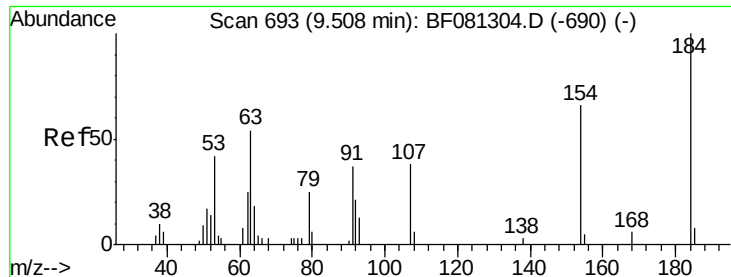


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

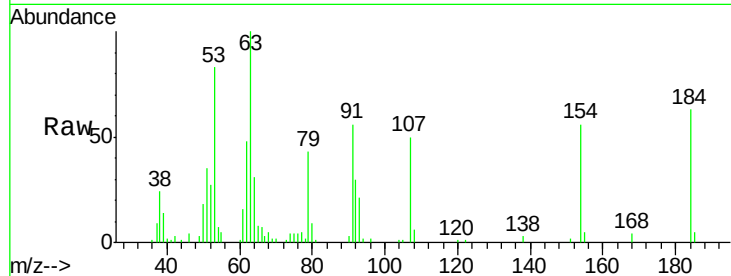




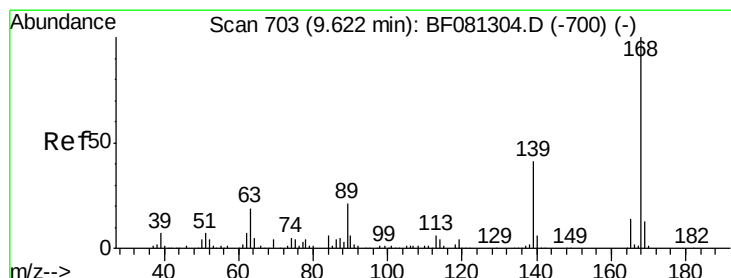
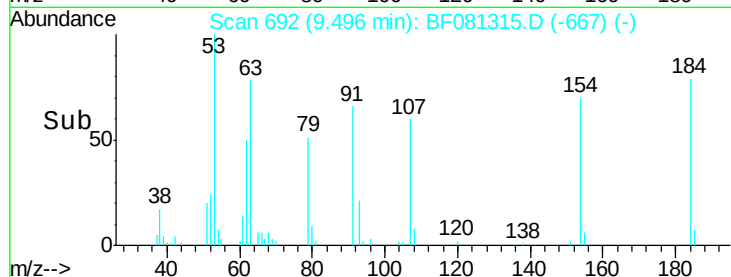
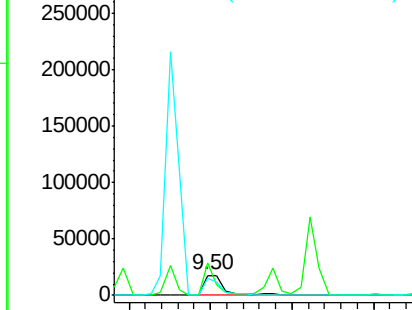
#53
 2,4-Dinitrophenol
 Concen: 44.38 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 32219
 Ion Ratio Lower Upper
 184 100
 63 159.8 35.4 53.2#
 154 88.8 32.2 48.4#

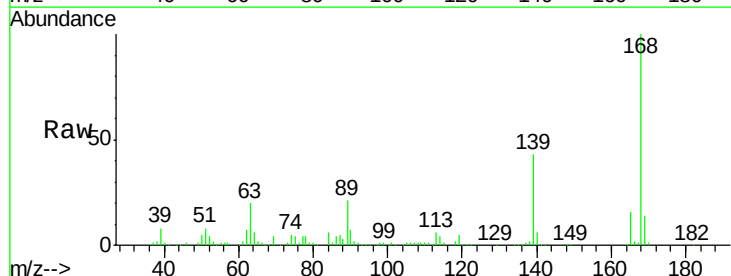


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

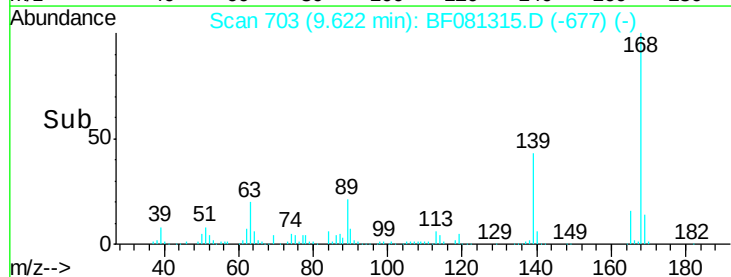
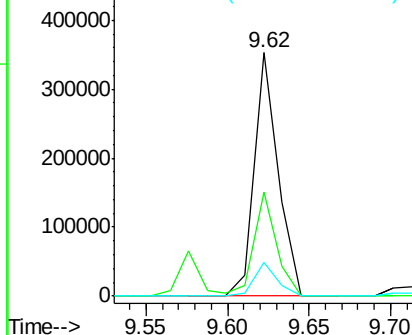


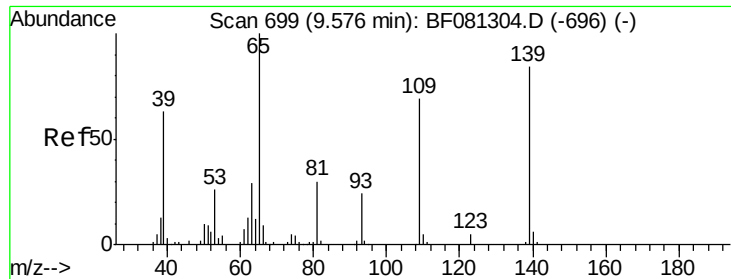
#54
 Dibenzofuran
 Concen: 37.41 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:168 Resp: 358031
 Ion Ratio Lower Upper
 168 100
 139 42.9 24.2 36.2#
 169 13.7 10.6 15.8



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

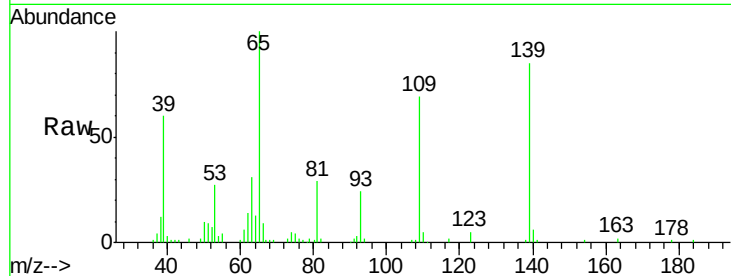




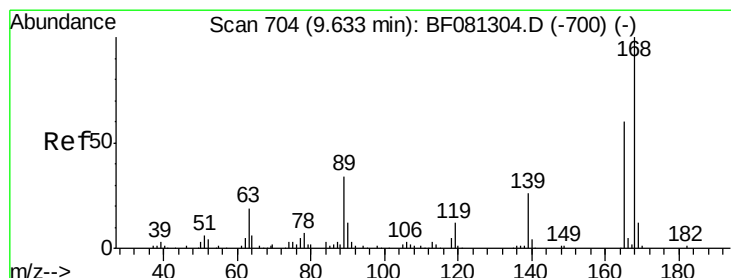
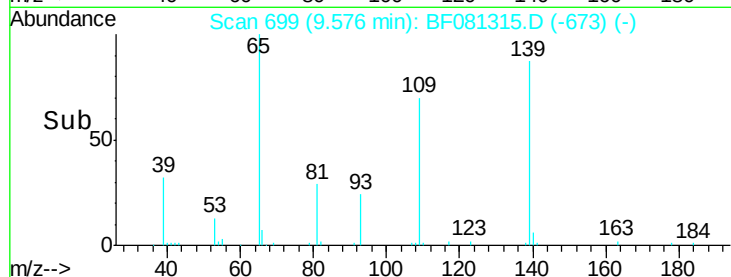
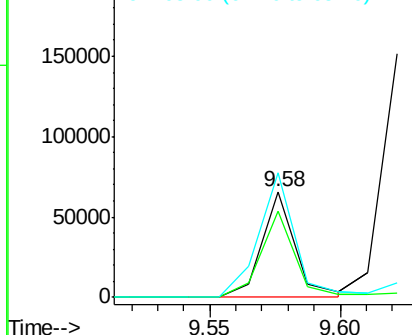
#55
4-Nitrophenol
Concen: 47.67 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 58769
Ion Ratio Lower Upper
139 100
109 82.0 12.7 52.7#
65 118.1 45.9 85.9#

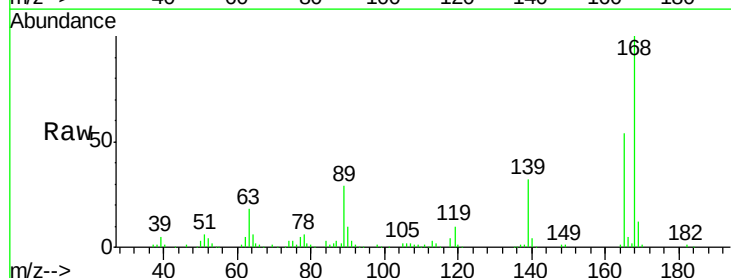


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

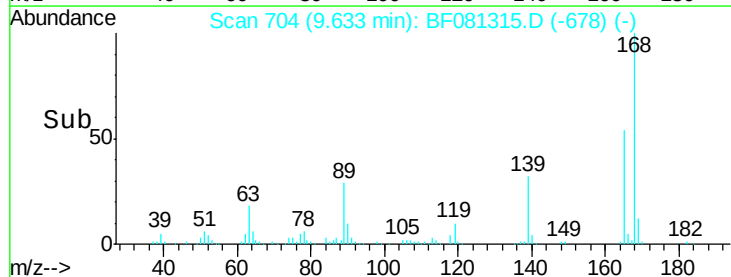
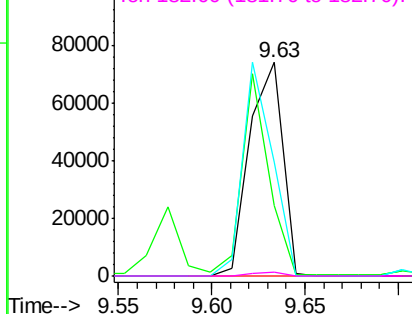


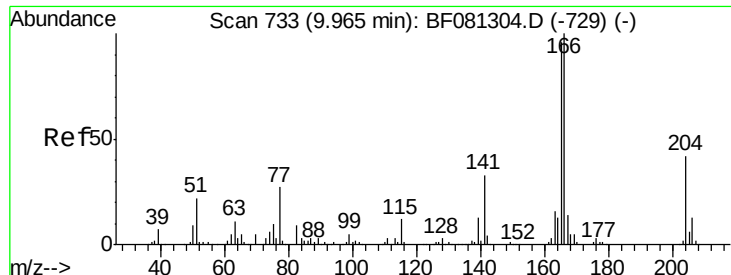
#56
2,4-Dinitrotoluene
Concen: 41.44 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Tgt Ion:165 Resp: 90954
Ion Ratio Lower Upper
165 100
63 32.9 29.8 44.6
89 53.5 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

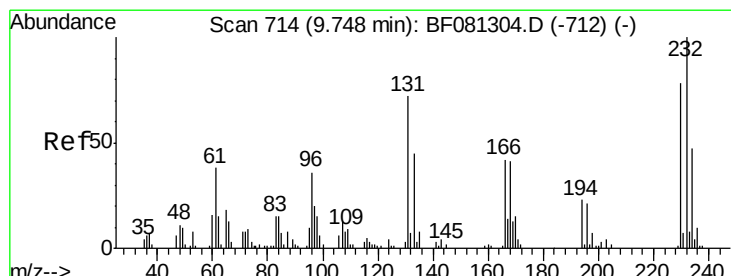
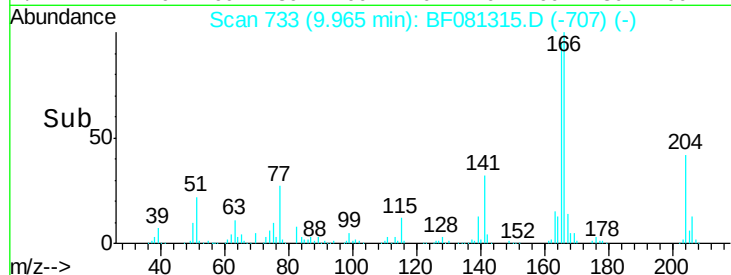
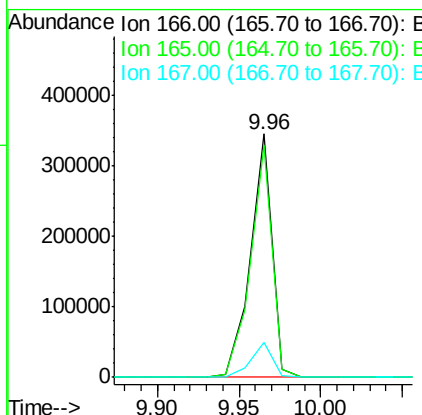
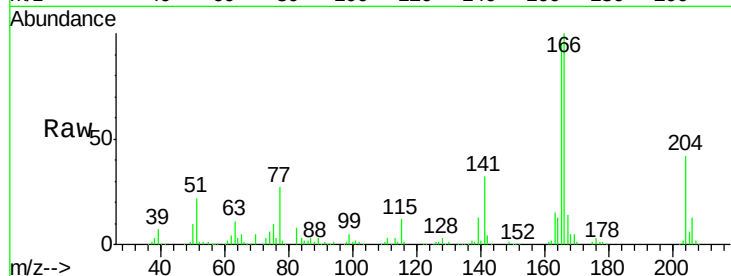




#57
 Fluorene
 Concen: 43.67 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

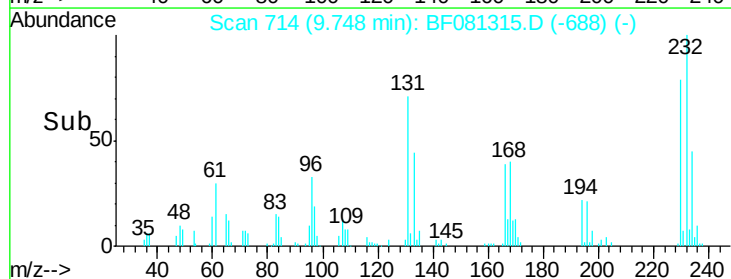
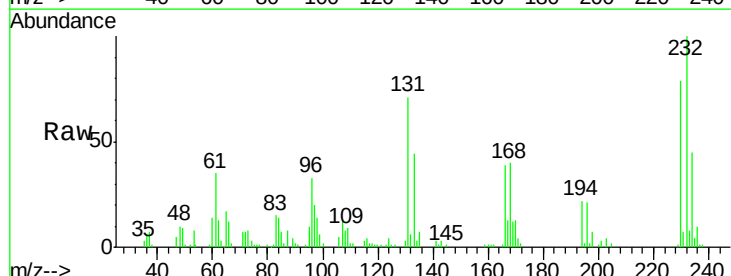
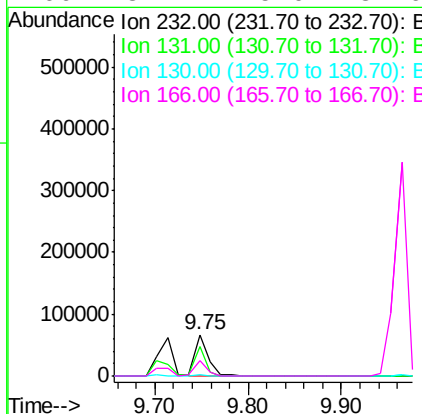
Instrument :
 BNA_F
 ClientSampleId :

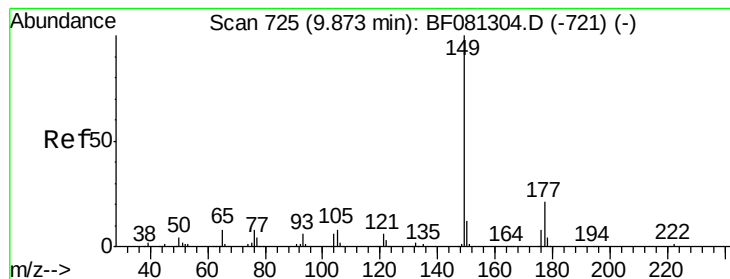
Tot Ion:166 Resp: 317115
 Ion Ratio Lower Upper
 166 100
 165 95.2 72.6 109.0
 167 14.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:232 Resp: 66463
 Ion Ratio Lower Upper
 232 100
 131 60.8 38.5 57.7#
 130 2.5 1.8 2.6
 166 34.7 25.0 37.6





#59

Diethylphthalate

Concen: 41.90 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

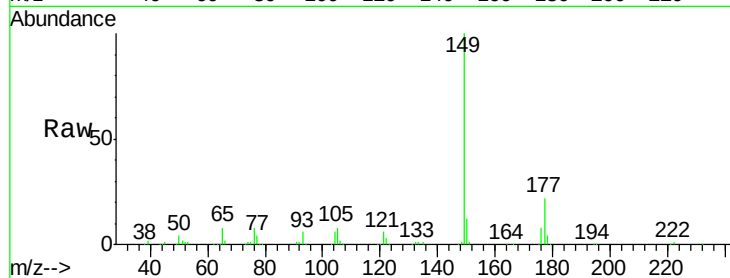
Tot Ion:149 Resp: 334726

Ion Ratio Lower Upper

149 100

177 21.9 17.5 26.3

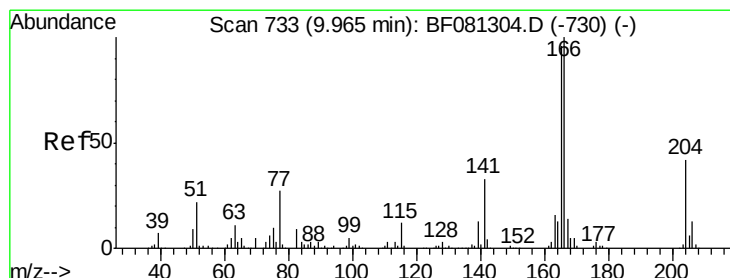
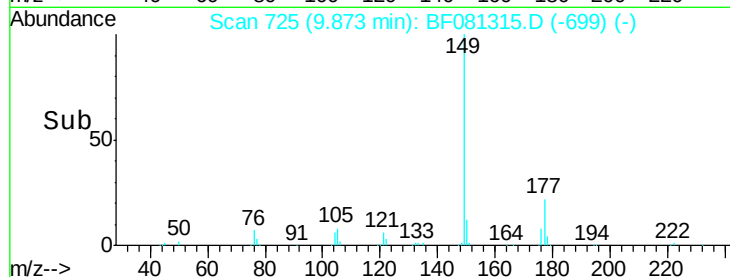
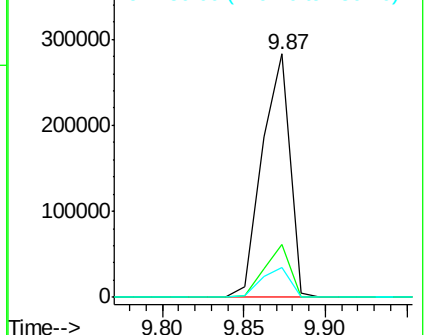
150 12.4 9.4 14.2



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: 39.23 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

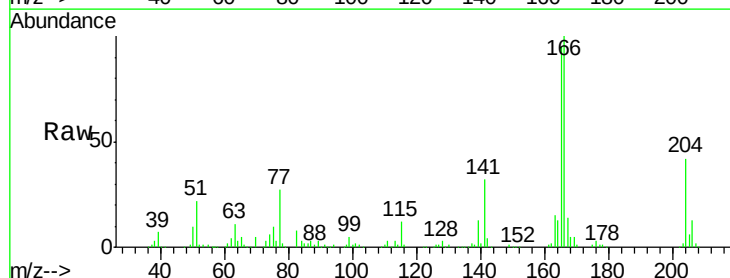
Tgt Ion:204 Resp: 132802

Ion Ratio Lower Upper

204 100

206 32.0 24.8 37.2

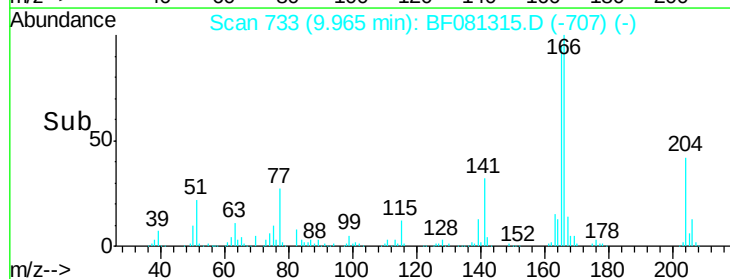
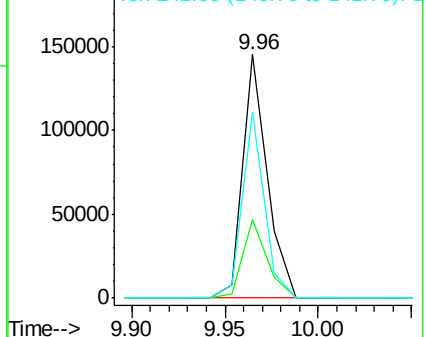
141 76.7 42.2 63.4#

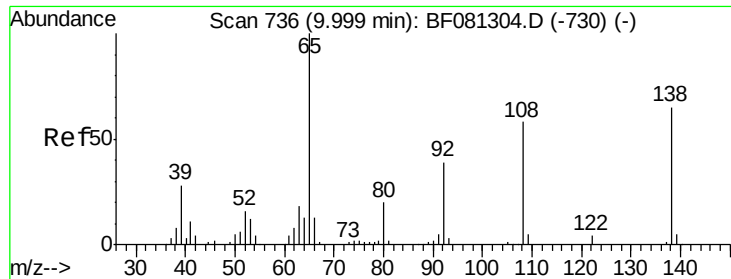


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.90 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampled :

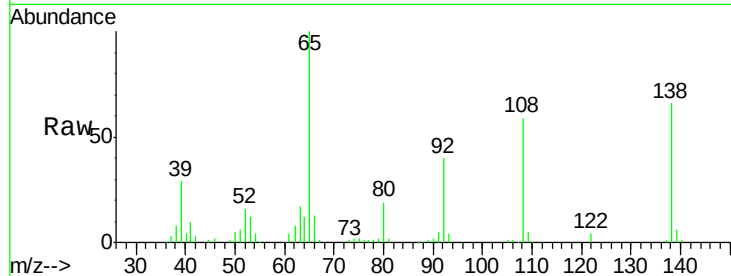
Tot Ion:138 Resp: 77109

Ion Ratio Lower Upper

138 100

92 59.8 12.6 52.6#

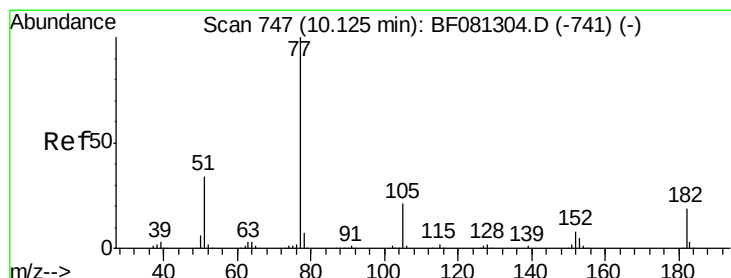
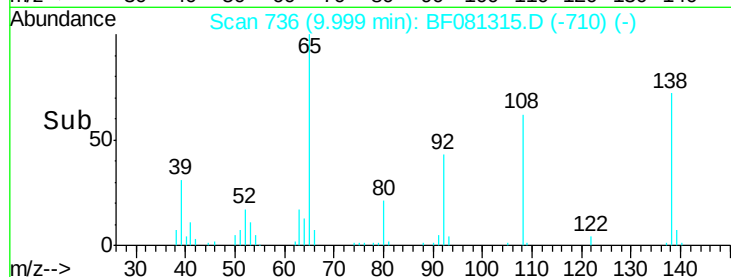
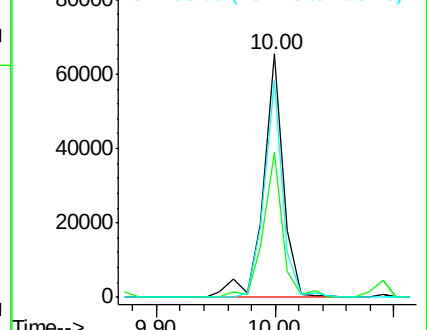
108 88.8 12.4 52.4#



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: 42.37 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Tgt Ion: 77 Resp: 376337

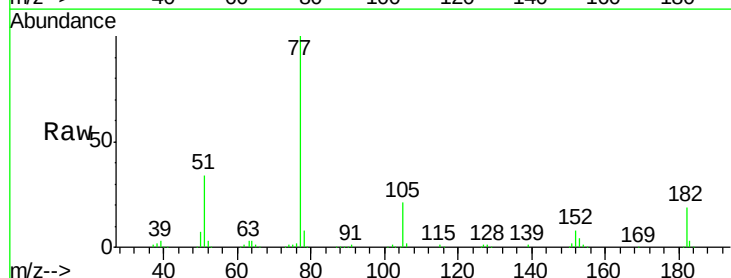
Ion Ratio Lower Upper

77 100

182 19.4 15.1 55.1

105 21.0 3.4 43.4

51 34.2 12.0 52.0

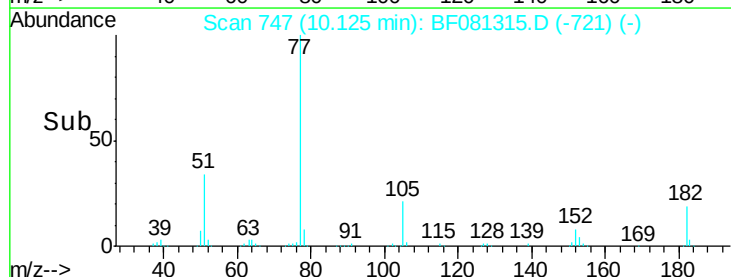
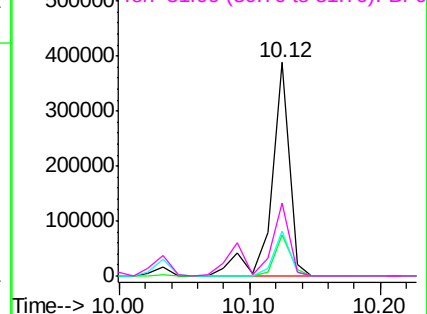


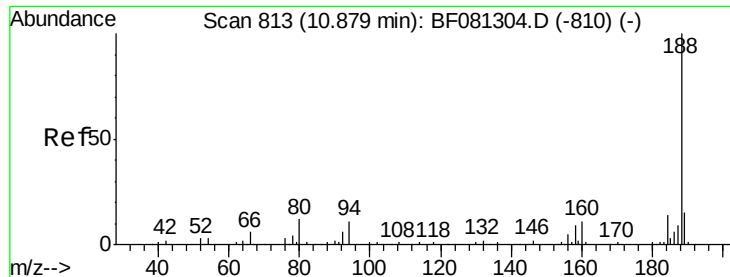
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

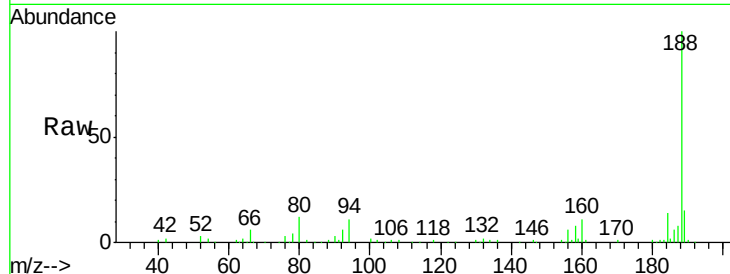




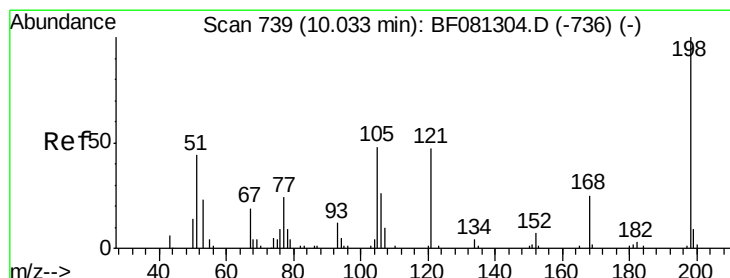
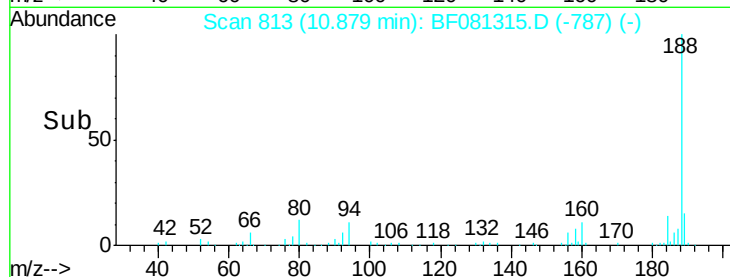
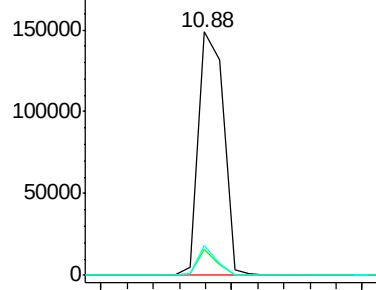
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 198848
 Ion Ratio Lower Upper
 188 100
 94 10.8 11.1 16.7#
 80 12.3 11.0 16.4

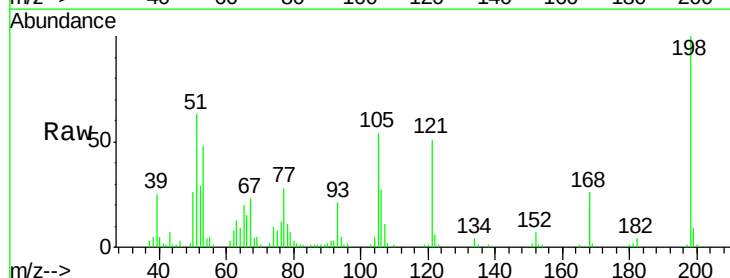


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

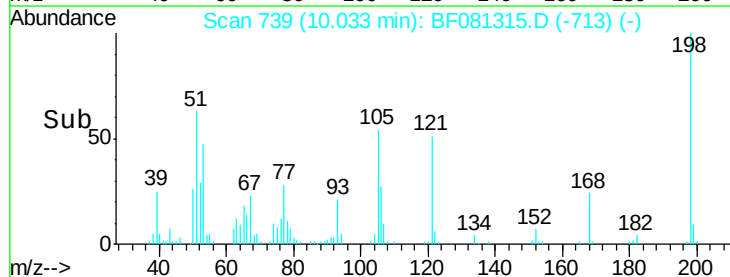
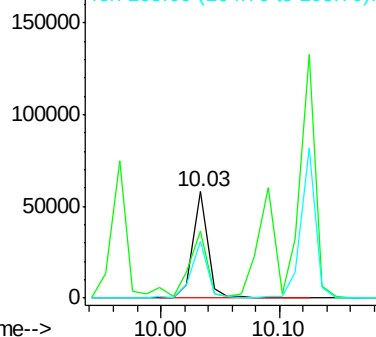


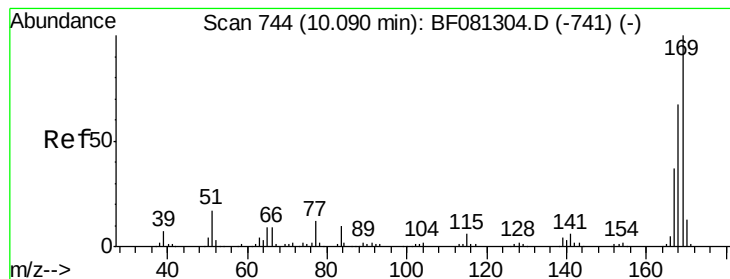
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.92 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:198 Resp: 49955
 Ion Ratio Lower Upper
 198 100
 51 62.7 39.6 79.6
 105 53.7 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

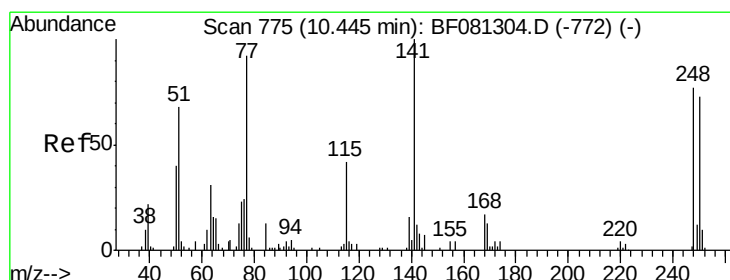
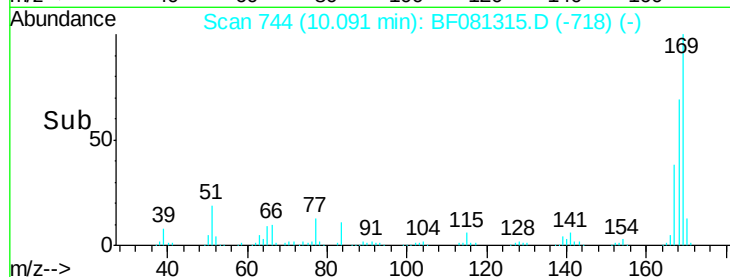
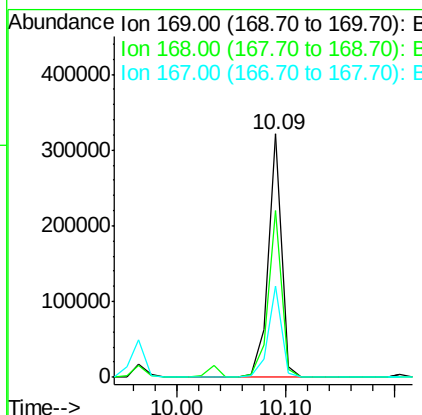
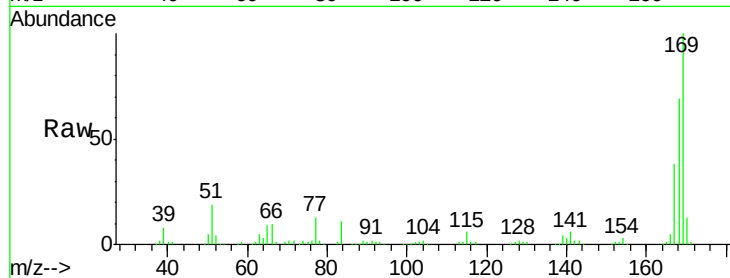




#65
 n-Nitrosodiphenylamine
 Concen: 38.40 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

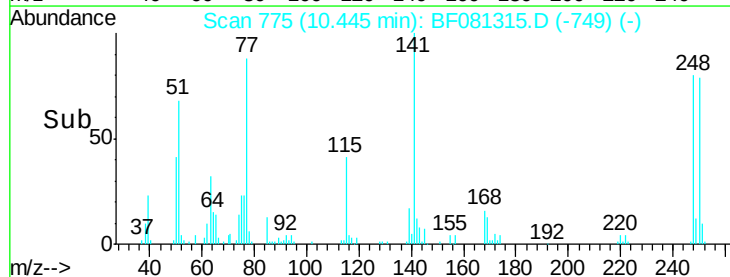
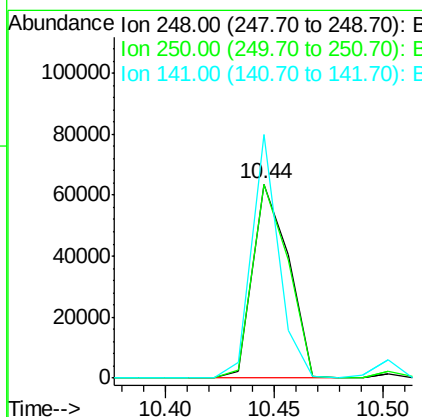
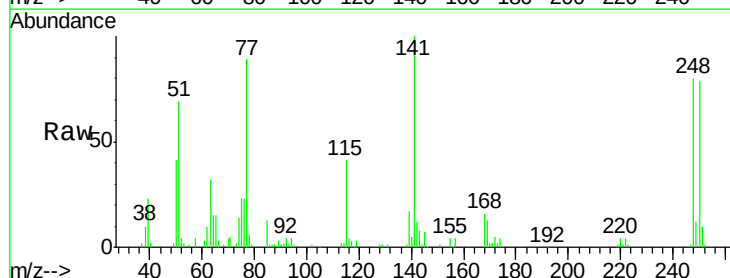
Instrument :
 BNA_F
 ClientSampleId :

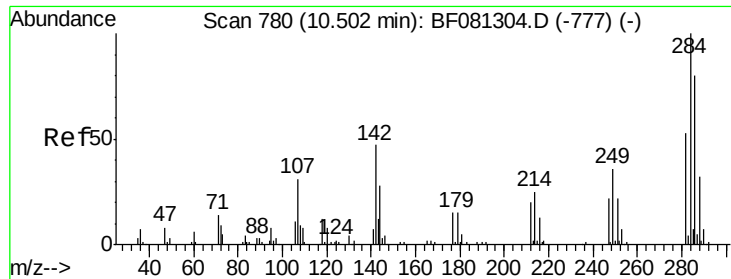
Tot Ion:169 Resp: 277850
 Ion Ratio Lower Upper
 169 100
 168 68.6 48.9 73.3
 167 37.8 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 36.56 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:248 Resp: 73502
 Ion Ratio Lower Upper
 248 100
 250 99.5 78.5 117.7
 141 125.3 59.0 88.6#





#67

Hexachlorobenzene

Concen: 36.89 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampled :

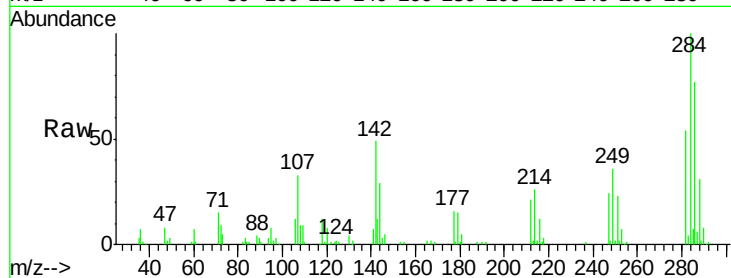
Tot Ion:284 Resp: 77552

Ion Ratio Lower Upper

284 100

142 49.1 29.5 44.3#

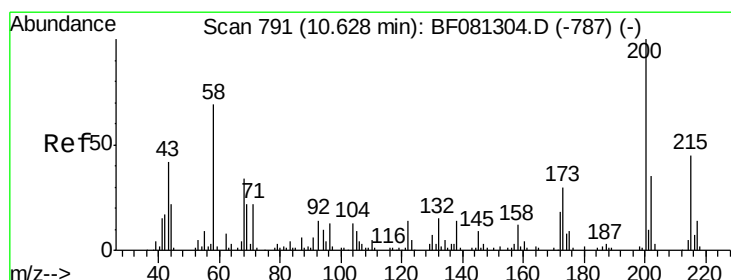
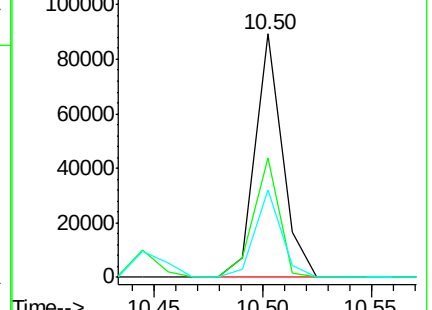
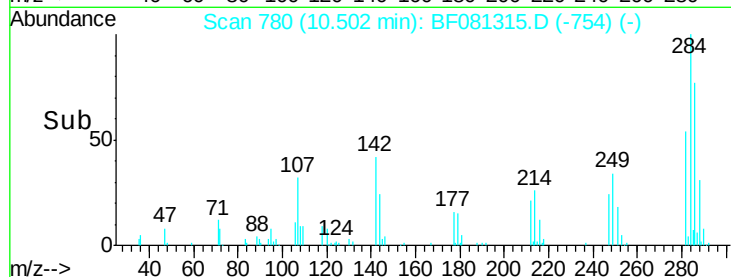
249 35.8 19.5 29.3#



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: 40.61 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

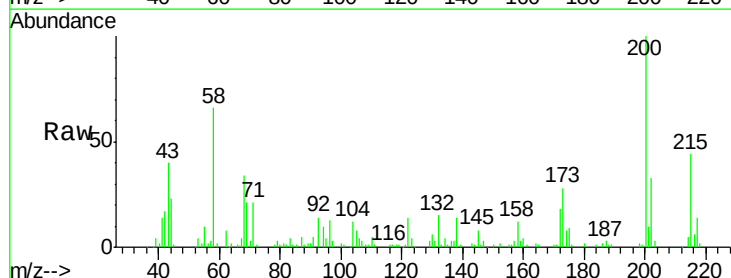
Tgt Ion:200 Resp: 85039

Ion Ratio Lower Upper

200 100

173 27.9 13.2 53.2

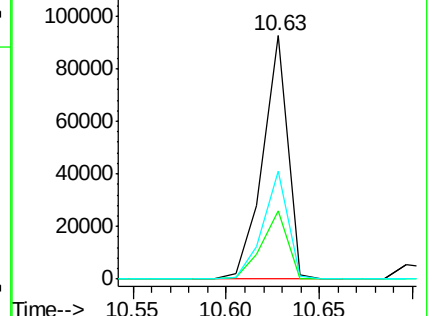
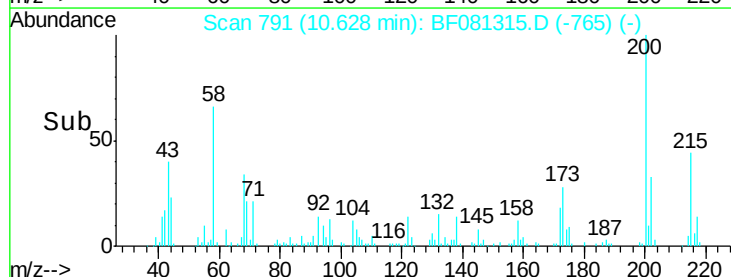
215 44.5 41.8 81.8

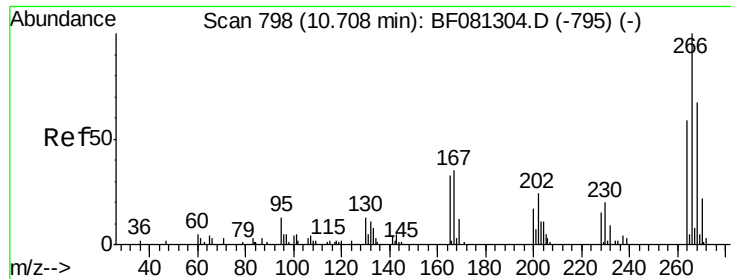


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

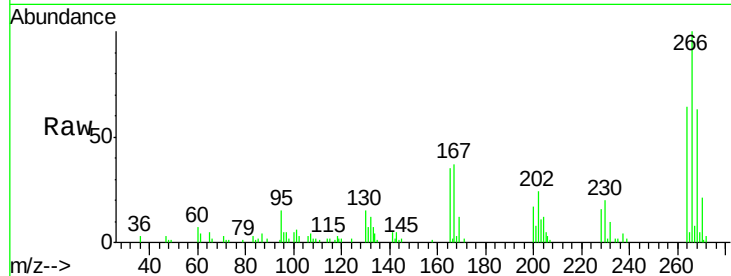




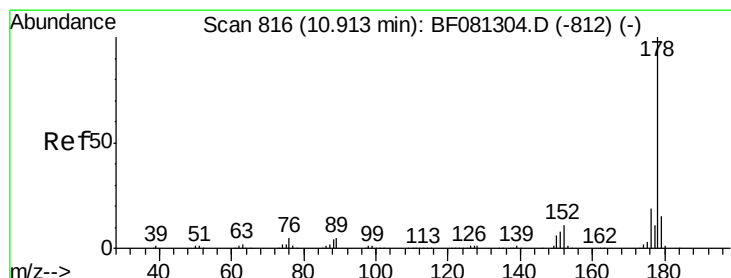
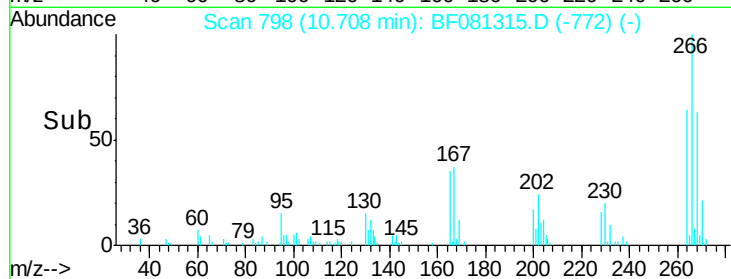
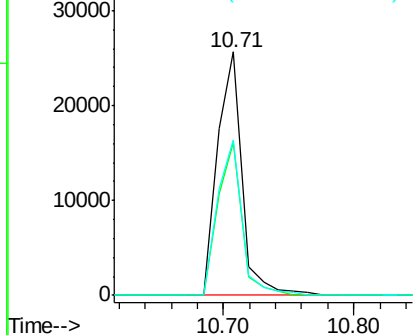
#69
 Pentachlorophenol
 Concen: 38.13 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 33760
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.8 74.6
 264 63.9 50.2 75.2

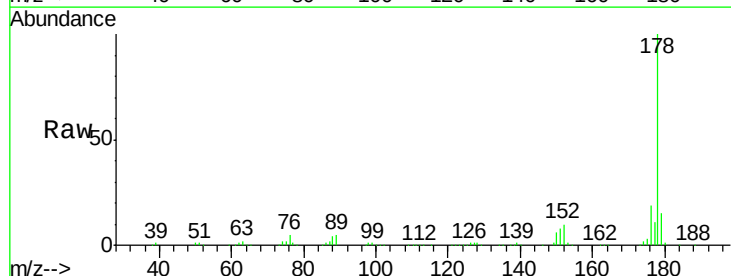


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

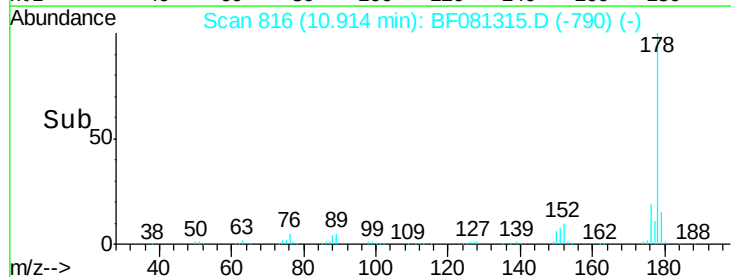
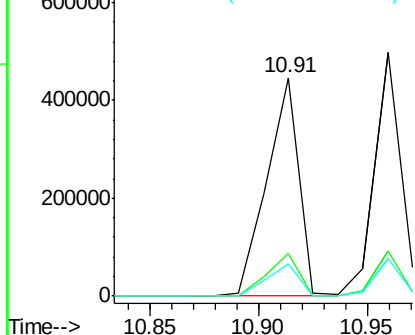


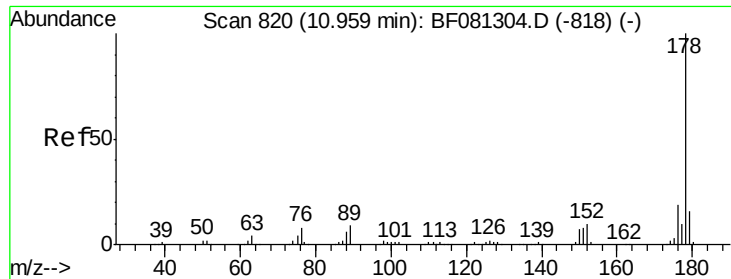
#70
 Phenanthrene
 Concen: 41.82 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:178 Resp: 462363
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.8 20.8
 179 15.1 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

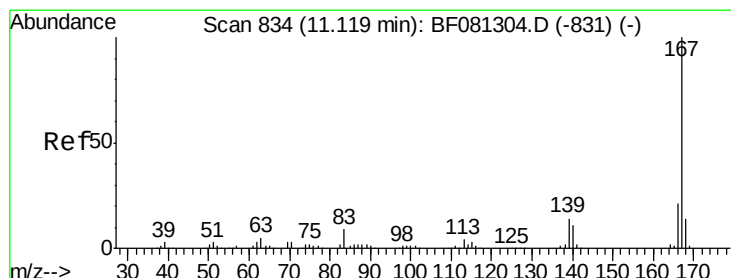
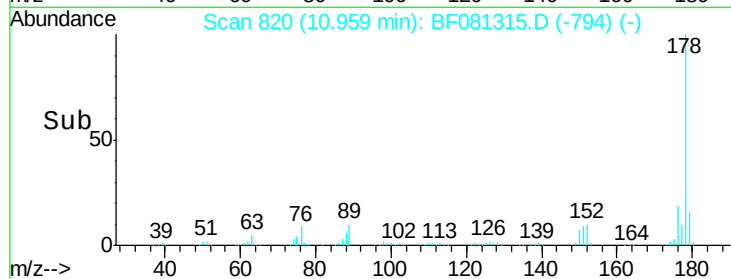
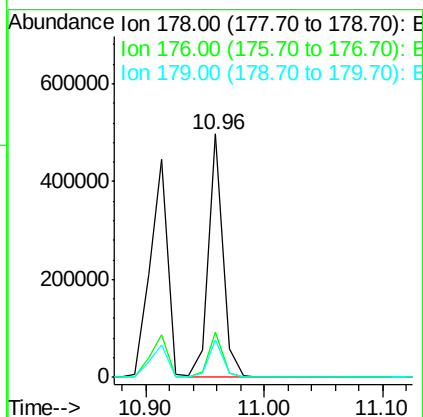
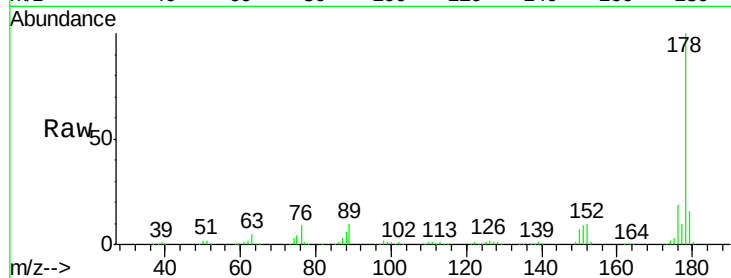




#71
 Anthracene
 Concen: 37.28 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

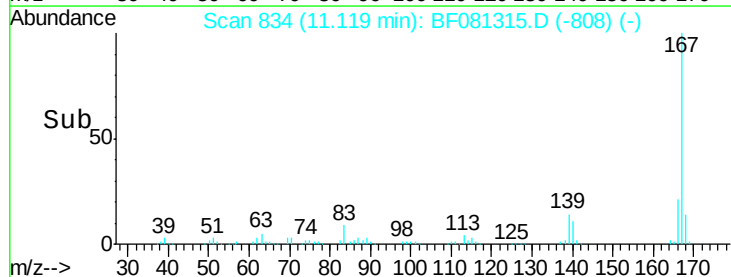
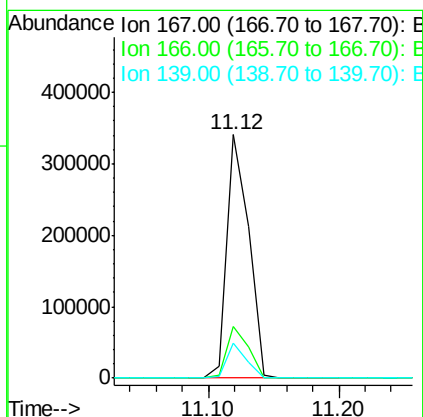
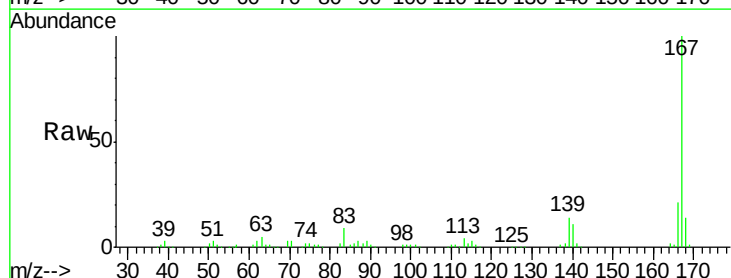
Instrument :
 BNA_F
 ClientSampleId :

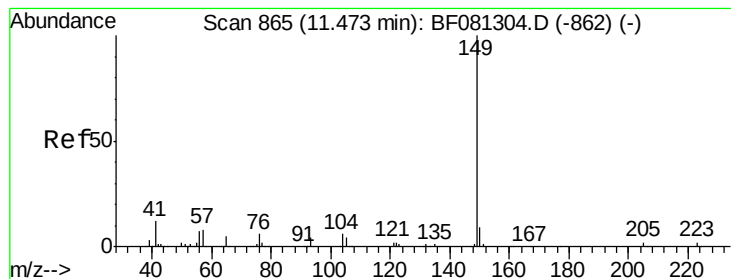
Tot Ion:178 Resp: 423410
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.5 12.2 18.2



#72
 Carbazole
 Concen: 37.06 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:167 Resp: 394965
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.7 23.5
 139 14.5 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 37.05 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

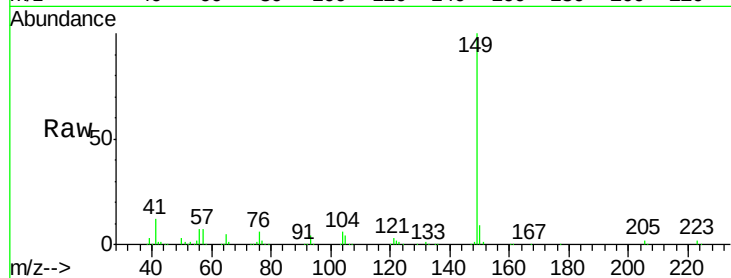
Tot Ion:149 Resp: 466319

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

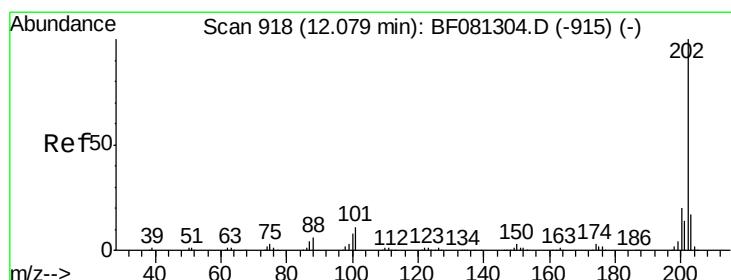
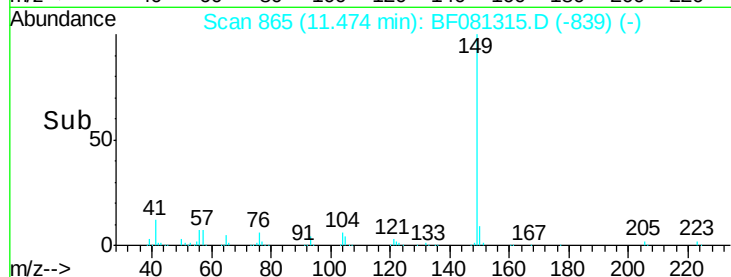
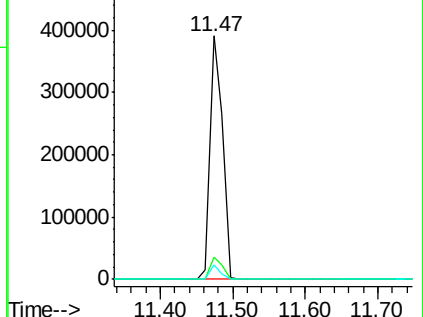
104 5.9 2.4 3.6#



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: 37.68 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

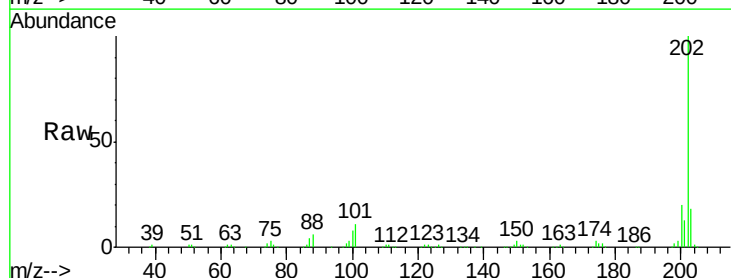
Tgt Ion:202 Resp: 450948

Ion Ratio Lower Upper

202 100

101 10.5 0.0 38.3

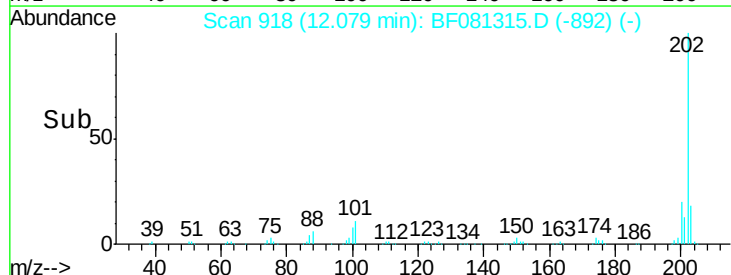
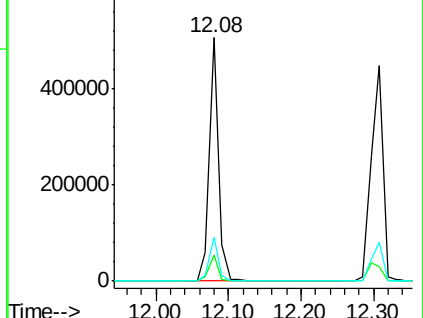
203 18.0 0.0 37.3

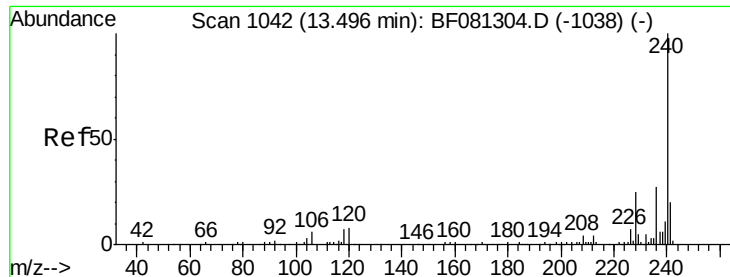


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

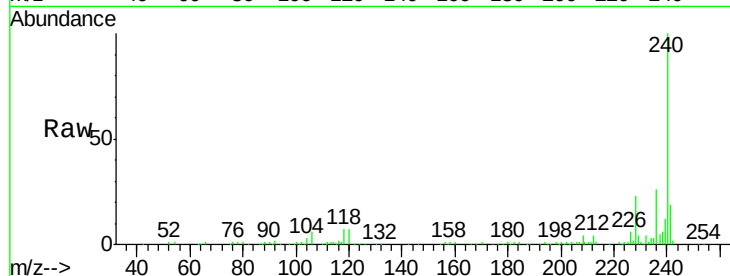
Tot Ion:240 Resp: 173090

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

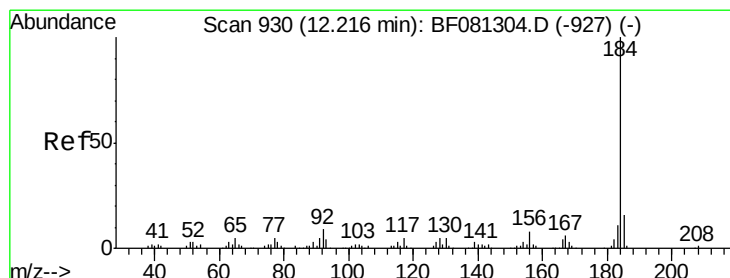
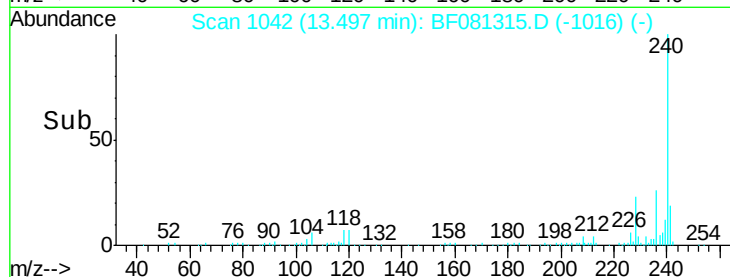
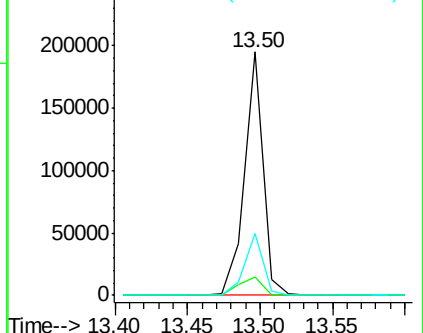
236 25.7 18.4 27.6



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: 34.98 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

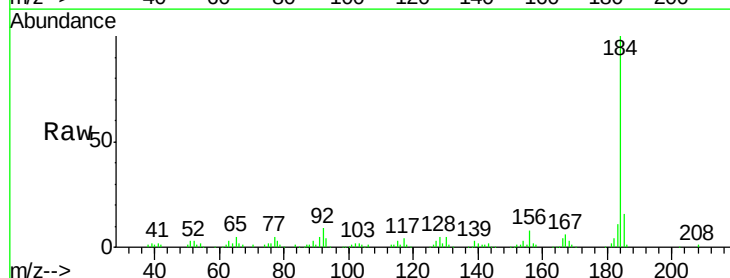
Tgt Ion:184 Resp: 259889

Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.6

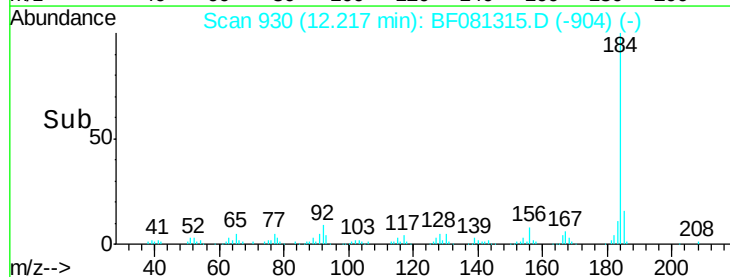
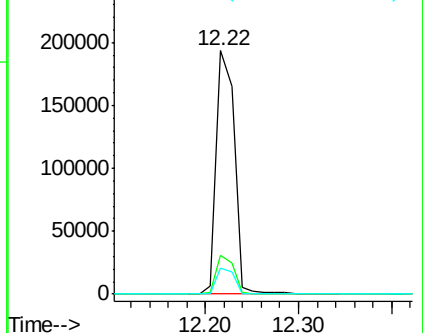
183 10.9 7.6 11.4

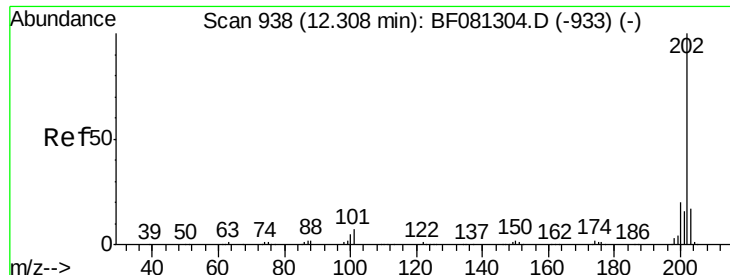


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

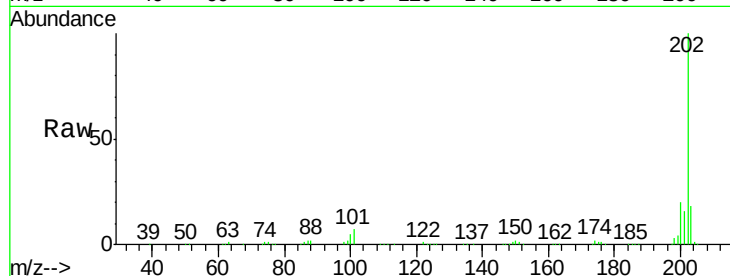




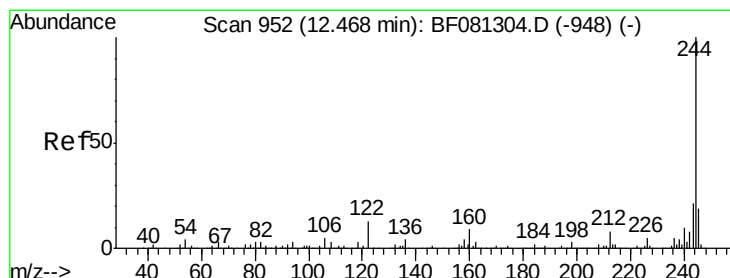
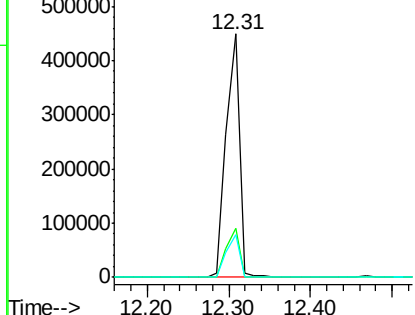
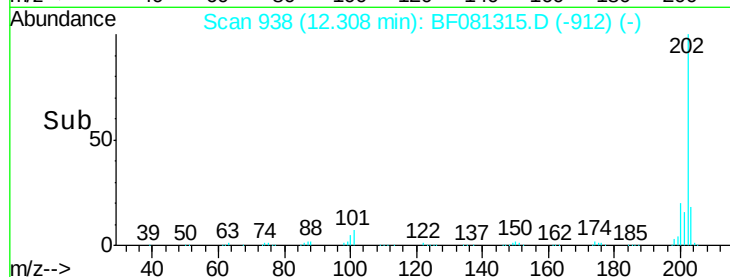
#77
 Pvrene
 Concen: 39.59 ng
 RT: 12.31 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	17.7	14.1	21.1

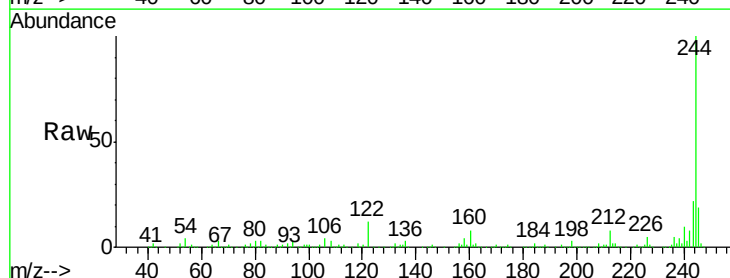


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

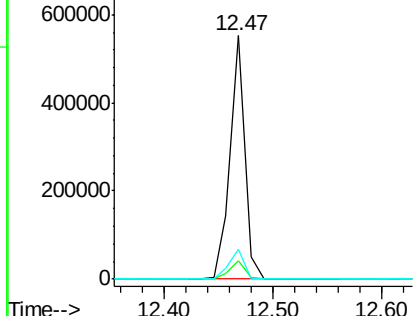
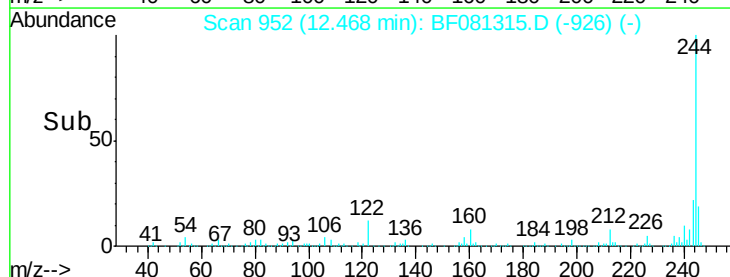


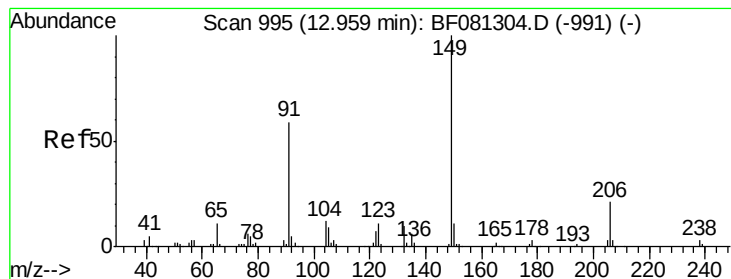
#78
 Terphenyl-d14
 Concen: 69.56 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	12.4	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: 36.04 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampleId :

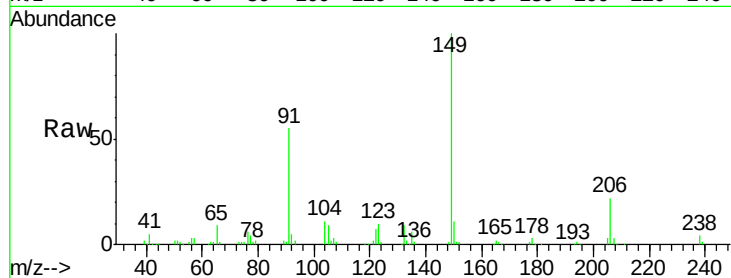
Tot Ion:149 Resp: 200971

Ion Ratio Lower Upper

149 100

91 55.4 48.6 72.8

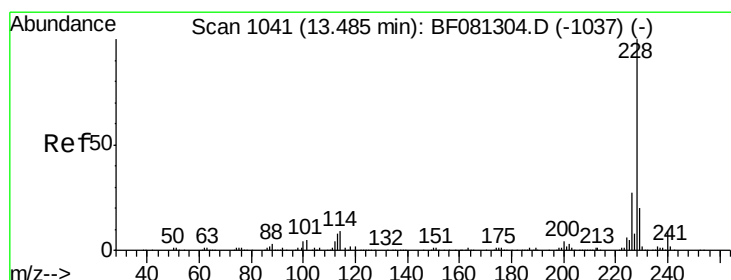
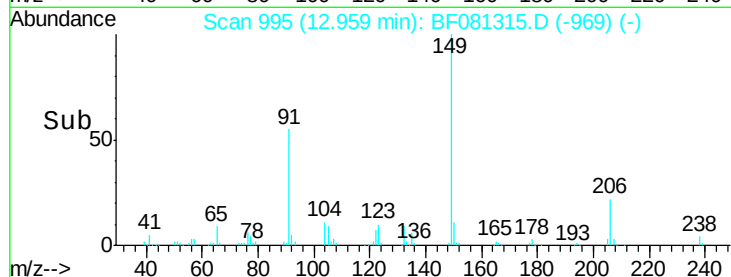
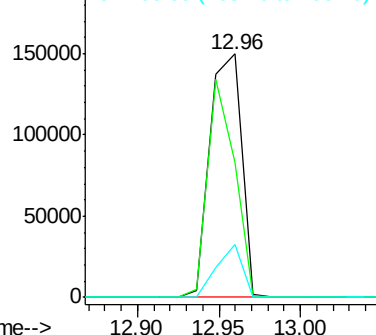
206 21.7 14.9 22.3



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: 39.82 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

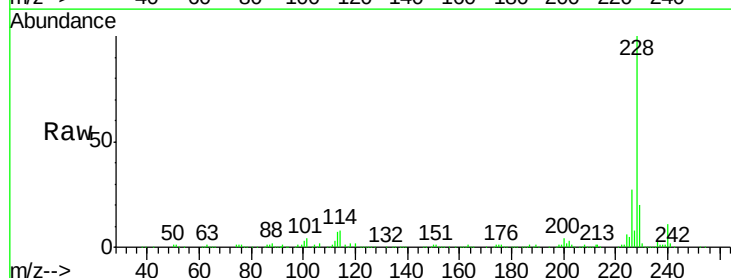
Tgt Ion:228 Resp: 438942

Ion Ratio Lower Upper

228 100

226 26.8 20.0 30.0

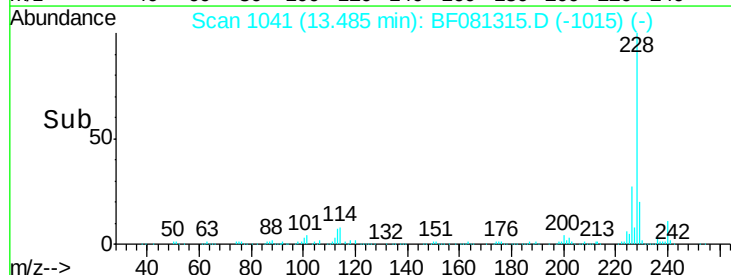
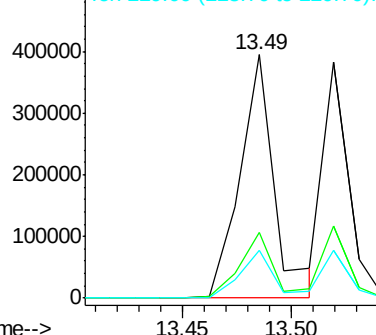
229 19.7 15.4 23.2

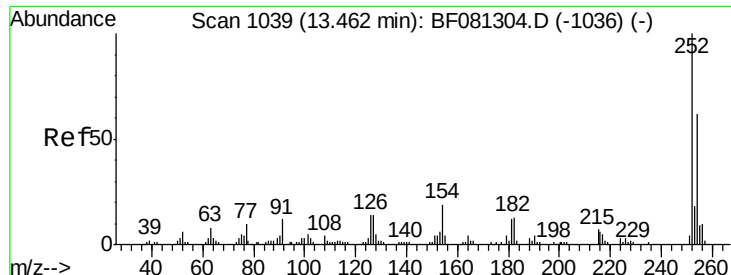


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

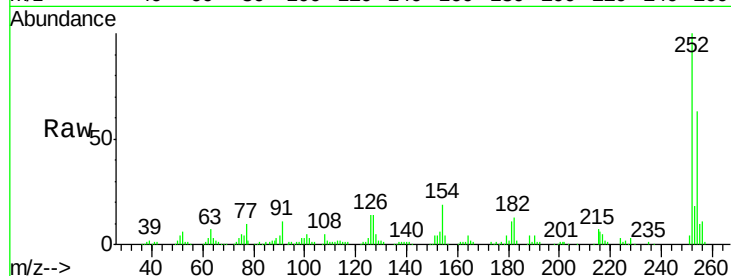




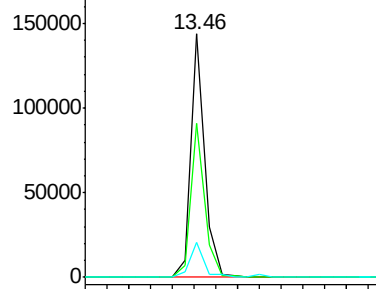
#81
 3,3'-Dichlorobenzidine
 Concen: 34.57 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

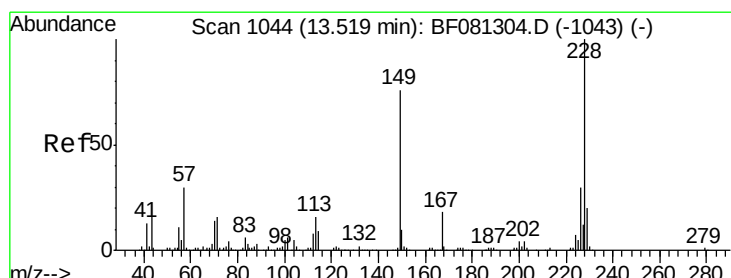
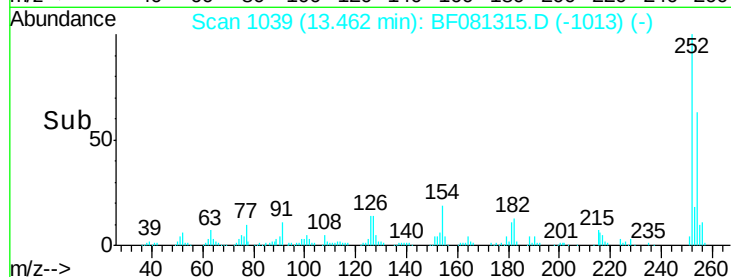
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.4	77.2
126	14.5	16.4	24.6#



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

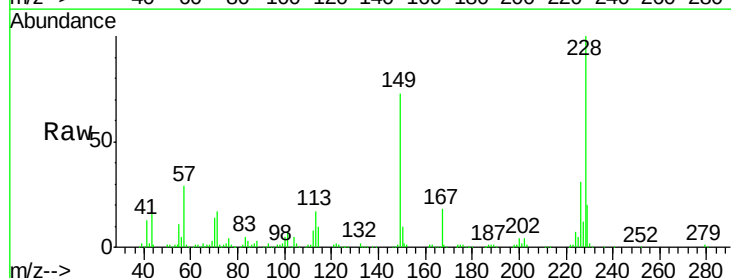


Time-->

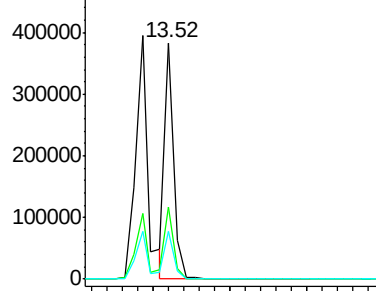


#82
 Chrysene
 Concen: 31.83 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

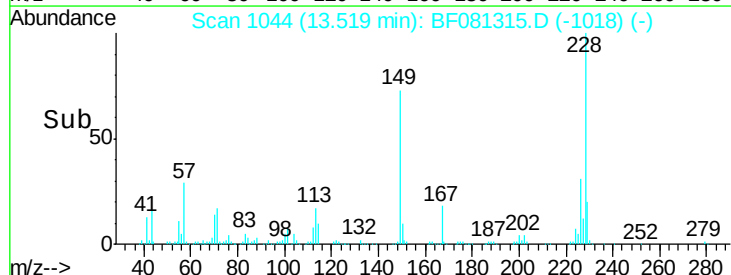
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.0	15.6	23.4

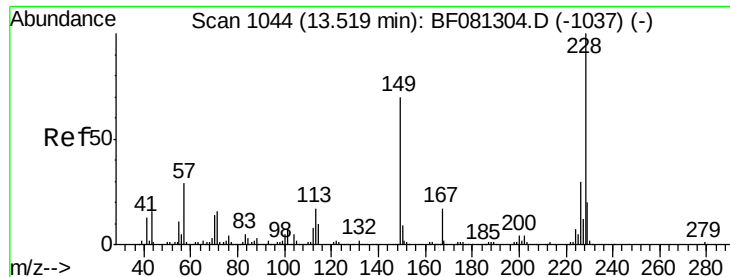


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->

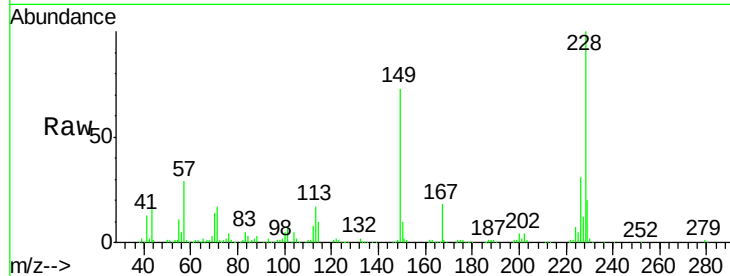




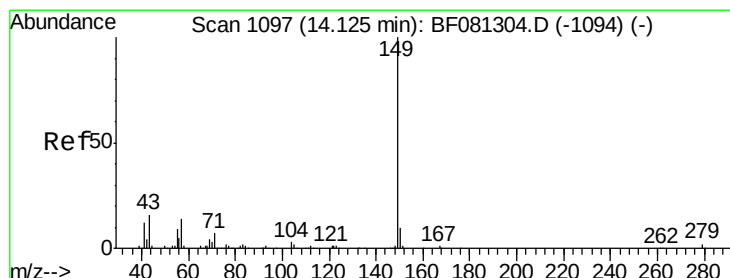
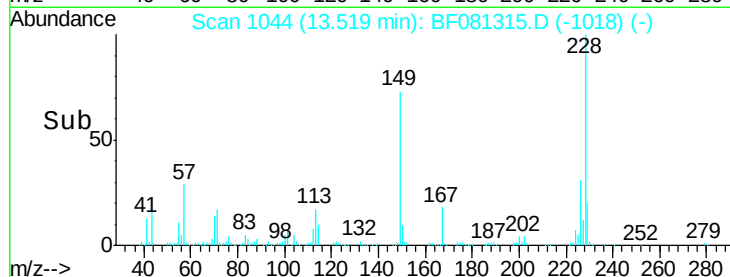
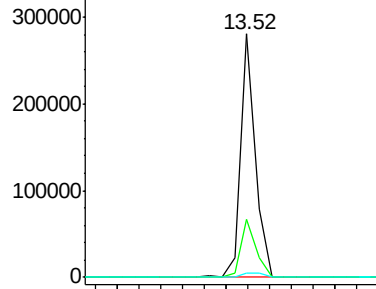
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.99 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	149	Resp:	264809
Ion Ratio	Lower	Upper	
149	100		
167	24.0	24.2	36.2#
279	1.8	3.8	5.6#

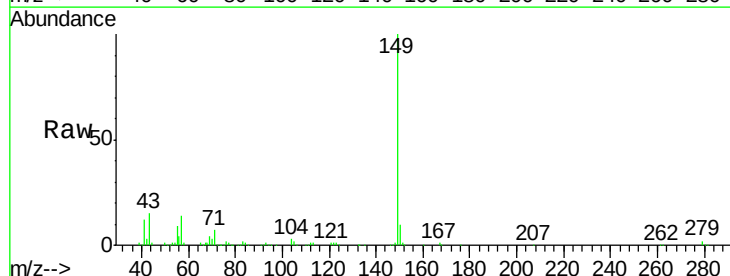


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

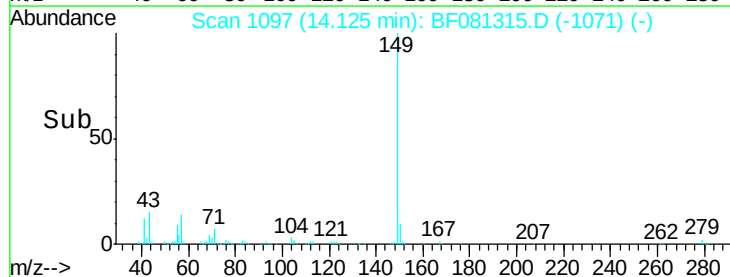
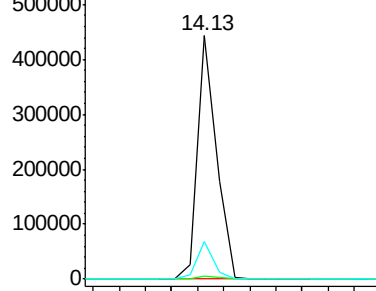


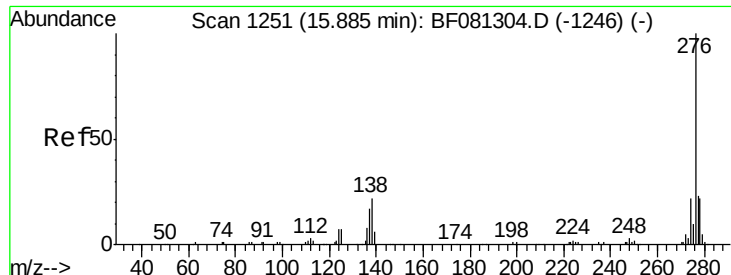
#84
 Di-n-octyl phthalate
 Concen: 37.03 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:	149	Resp:	448627
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.0	1.6
43	13.5	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

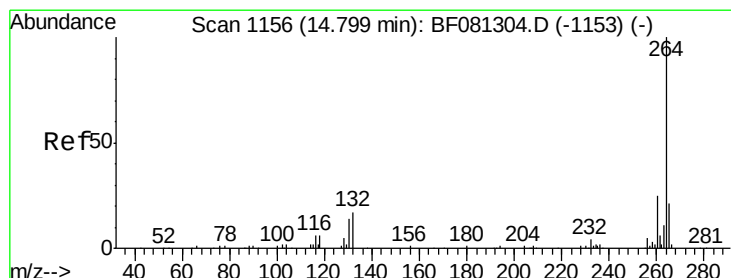
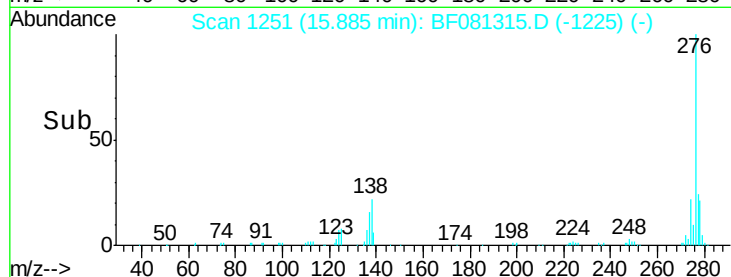
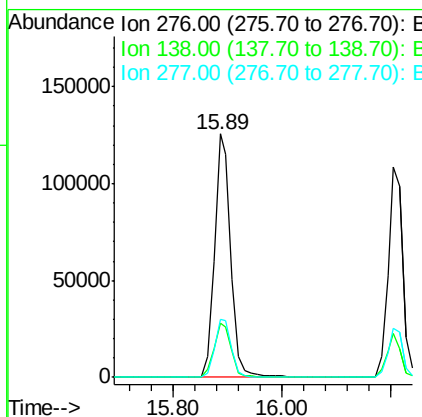
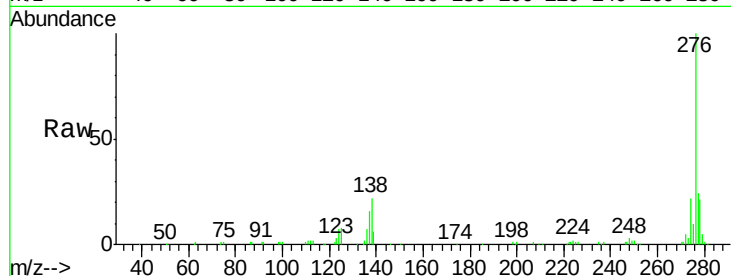




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.50 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

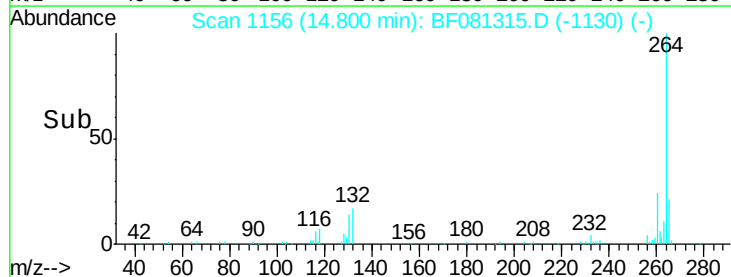
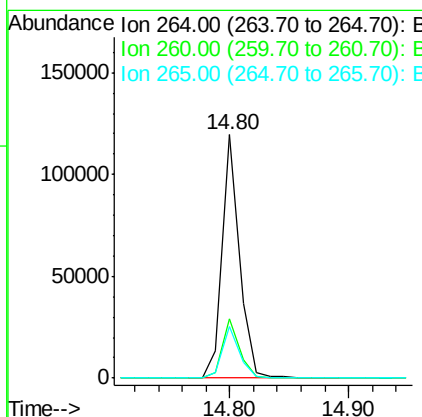
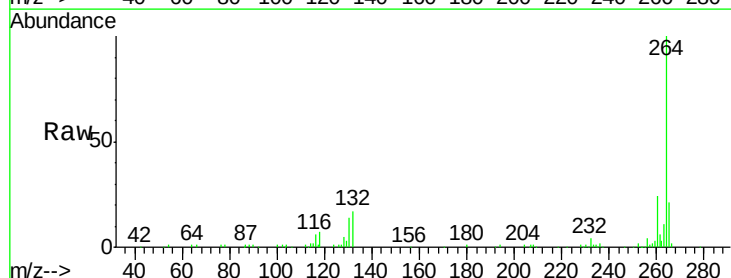
Instrument :
 BNA_F
 ClientSampleId :

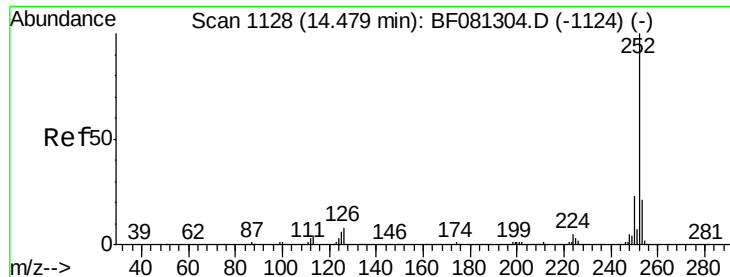
Tot Ion:276 Resp: 264641
 Ion Ratio Lower Upper
 276 100
 138 23.6 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Tgt Ion:264 Resp: 120098
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 77.76 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

Instrument :

BNA_F

ClientSampled :

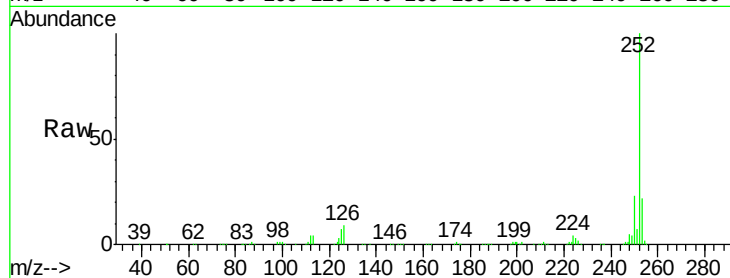
Tot Ion:252 Resp: 666708

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

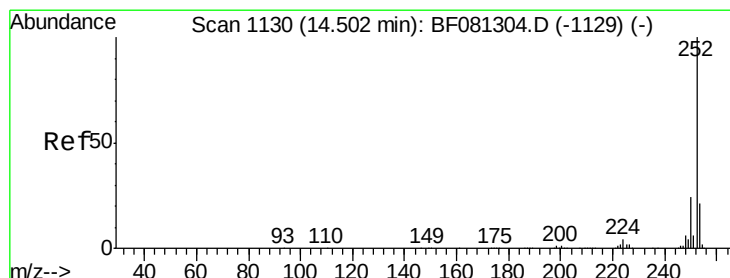
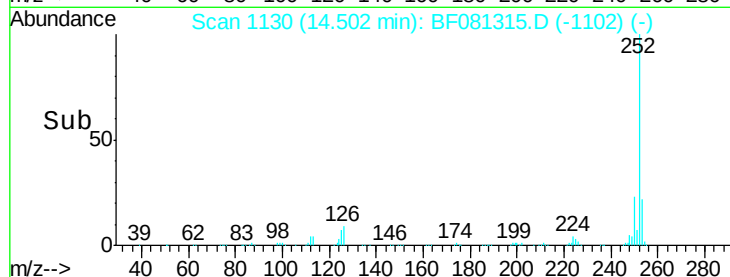
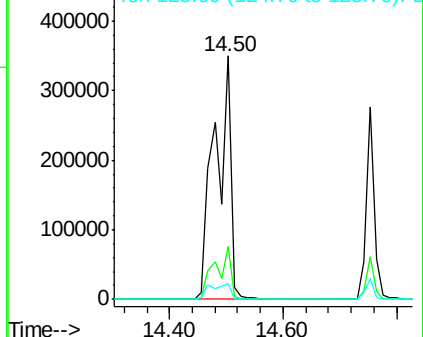
125 6.6 17.1 25.7#



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: 93.71 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF081315.D

Acq: 1 Sep 2015 21:06

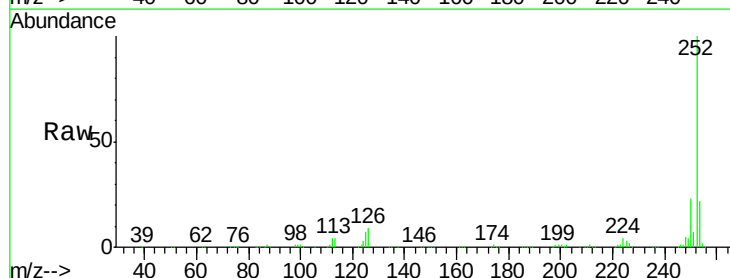
Tgt Ion:252 Resp: 666708

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

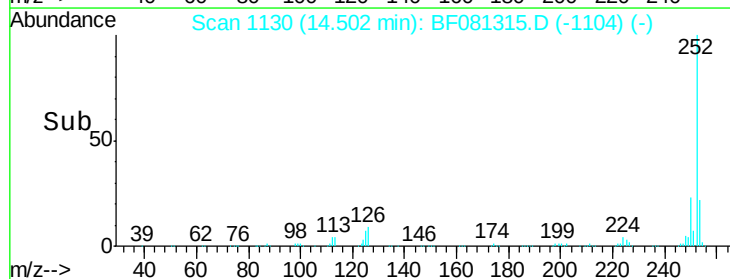
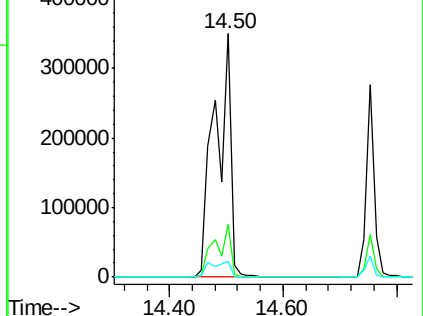
125 6.6 16.0 24.0#

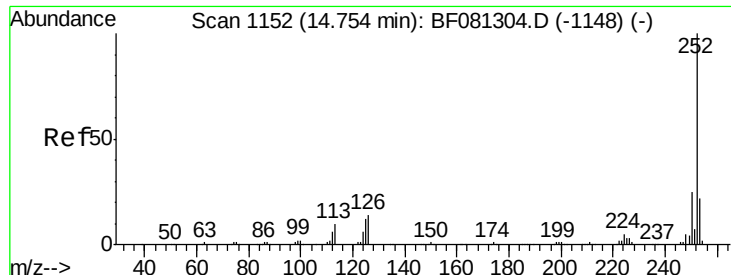


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

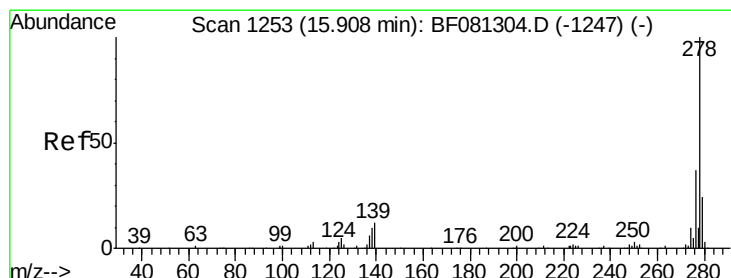
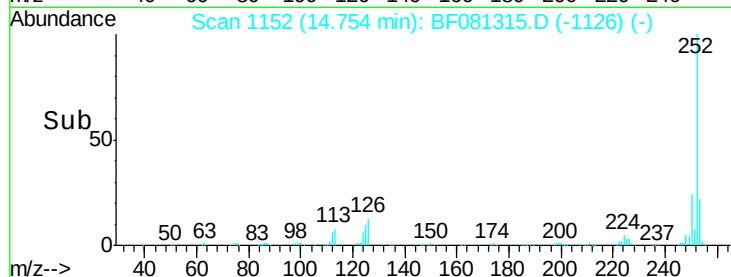
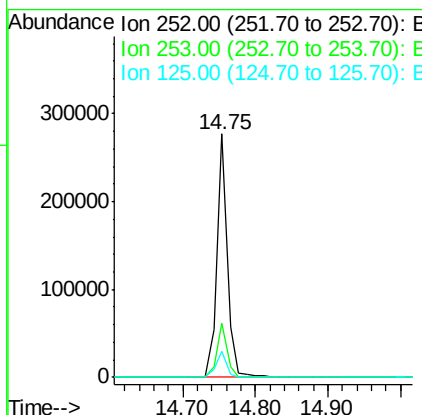
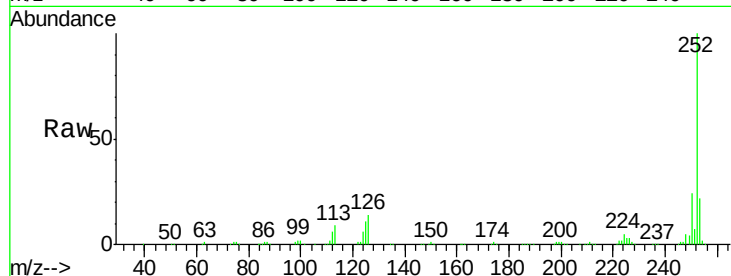




#89
Benzo(a)pyrene
Concen: 38.35 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

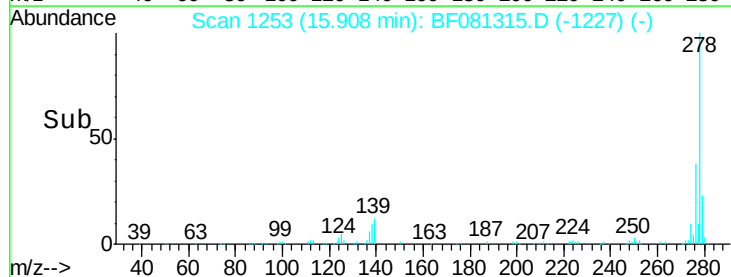
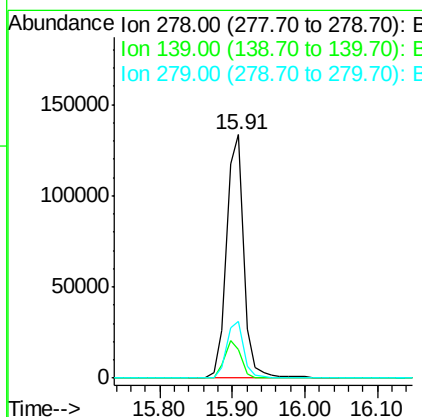
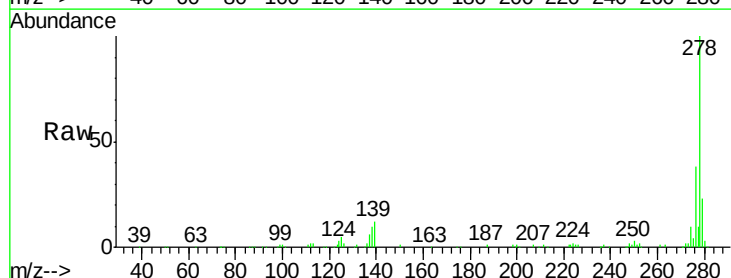
Instrument :
BNA_F
ClientSampleId :

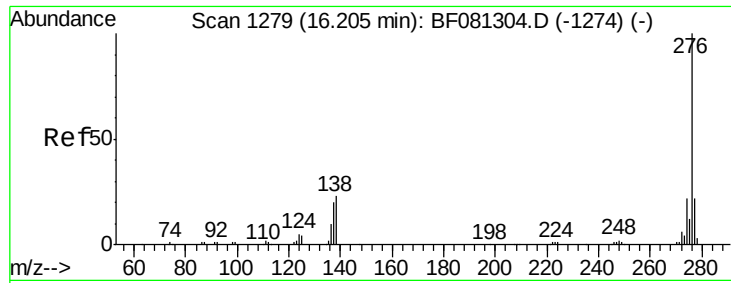
Tot Ion:252 Resp: 278647
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 10.9 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.50 ng
RT: 15.91 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF081315.D
Acq: 1 Sep 2015 21:06

Tgt Ion:278 Resp: 221785
Ion Ratio Lower Upper
278 100
139 11.9 26.3 39.5#
279 23.2 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.15 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF081315.D
 Acq: 1 Sep 2015 21:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.8	26.6
138	21.2	34.6	51.8

