

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081008.D
 Acq On : 17 Aug 2015 17:35
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Quant Time: Aug 17 18:02:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	64494	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	252986	20.00	ng	0.01
38) Acenaphthene-d10	9.67	164	114224	20.00	ng	0.01
63) Phenanthrene-d10	11.13	188	221157	20.00	ng	0.00
75) Chrysene-d12	13.76	240	180821	20.00	ng	0.01
86) Perylene-d12	15.11	264	131397	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	344940	80.45	ng	0.01
7) Phenol-d6	6.27	99	422465	75.51	ng	0.01
23) Nitrobenzene-d5	7.20	82	413722	74.71	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	69883	70.58	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	596036	68.37	ng	0.00
78) Terphenyl-d14	12.72	244	631754	74.90	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.07	88	77593	38.40	ng	92
3) Pyridine	2.70	79	232872	40.83	ng	85
4) n-Nitrosodimethylamine	2.66	42	123931	39.03	ng	# 76
6) Aniline	6.30	93	316330	38.89	ng	99
8) 2-Chlorophenol	6.41	128	188891	40.25	ng	95
9) Benzaldehyde	6.17	77	142445	39.50	ng	94
10) Phenol	6.28	94	245244	37.12	ng	97
11) bis(2-Chloroethyl)ether	6.38	93	211697	41.76	ng	97
12) 1,3-Dichlorobenzene	6.57	146	200680	39.79	ng	98
13) 1,4-Dichlorobenzene	6.65	146	200997	40.25	ng	98
14) 1,2-Dichlorobenzene	6.80	146	179944	38.50	ng	97
15) Benzyl Alcohol	6.78	79	176239	38.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	395038	39.65	ng	99
17) 2-Methylphenol	6.90	107	161628	40.14	ng	93
18) Hexachloroethane	7.14	117	80030	39.66	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	151140	39.00	ng	93
20) 3+4-Methylphenols	7.06	107	207148	40.53	ng	# 44
22) Acetophenone	7.05	105	260857	39.28	ng	93
24) Nitrobenzene	7.22	77	249325	43.06	ng	98
25) Isophorone	7.46	82	398380	38.57	ng	99
26) 2-Nitrophenol	7.53	139	92555	38.44	ng	95
27) 2,4-Dimethylphenol	7.59	122	177279	41.61	ng	93
28) bis(2-Chloroethoxy)methane	7.68	93	216362	35.46	ng	99
29) 2,4-Dichlorophenol	7.78	162	149223	41.61	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	158562	39.78	ng	99
31) Naphthalene	7.94	128	550528	39.04	ng	100
32) Benzoic acid	7.71	122	91785	38.30	ng	96
33) 4-Chloroaniline	8.00	127	222095	37.33	ng	# 81
34) Hexachlorobutadiene	8.07	225	89196	39.57	ng	97
35) Caprolactam	8.38	113	46870	37.39	ng	# 91
36) 4-Chloro-3-methylphenol	8.48	107	158546	37.09	ng	97
37) 2-Methylnaphthalene	8.63	142	338783	38.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	147590	40.05	ng	100
40) Hexachlorocyclopentadiene	8.79	237	81312	42.63	ng	98

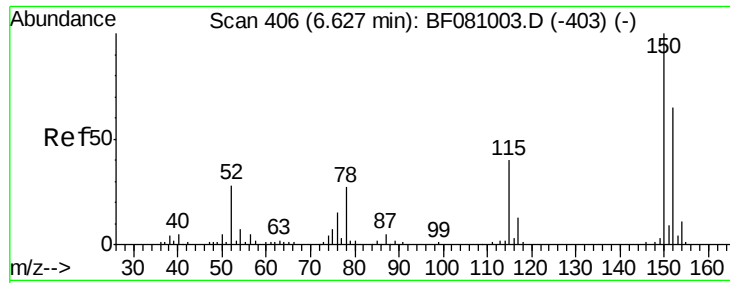
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	101230	38.88	ng	96
43) 2,4,5-Trichlorophenol	8.95	196	111932	43.02	ng	98
45) 1,1'-Biphenyl	9.10	154	432248	42.96	ng	98
46) 2-Chloronaphthalene	9.12	162	314051	38.85	ng	99
47) 2-Nitroaniline	9.21	65	124367	37.60	ng	97
48) Acenaphthylene	9.52	152	528927	36.58	ng	99
49) Dimethylphthalate	9.40	163	369547	39.28	ng	100
50) 2,6-Dinitrotoluene	9.46	165	85239	42.20	ng	95
51) Acenaphthene	9.70	154	340759	39.37	ng	99
52) 3-Nitroaniline	9.62	138	85023	33.64	ng	99
53) 2,4-Dinitrophenol	9.72	184	38299	39.24	ng	90
54) Dibenzofuran	9.86	168	417614	36.00	ng	90
55) 4-Nitrophenol	9.79	139	80114	45.13	ng	# 52
56) 2,4-Dinitrotoluene	9.86	165	114285	42.69	ng	98
57) Fluorene	10.20	166	306621	34.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	80481	39.96	ng	99
59) Diethylphthalate	10.10	149	396168	39.79	ng	95
60) 4-Chlorophenyl-phenylether	10.20	204	143596	38.03	ng	99
61) 4-Nitroaniline	10.24	138	110739	42.87	ng	91
62) Azobenzene	10.36	77	468173	40.80	ng	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	53147	40.24	ng	92
65) n-Nitrosodiphenylamine	10.33	169	335245	42.47	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	86126	39.64	ng	99
67) Hexachlorobenzene	10.75	284	94974	43.16	ng	94
68) Atrazine	10.86	200	79963	36.35	ng	99
69) Pentachlorophenol	10.95	266	54680	41.42	ng	99
70) Phenanthrene	11.16	178	507751	38.74	ng	100
71) Anthracene	11.21	178	507517	39.79	ng	99
72) Carbazole	11.37	167	533085	43.41	ng	100
73) Di-n-butylphthalate	11.71	149	589154	39.65	ng	99
74) Fluoranthene	12.34	202	589662	41.69	ng	98
76) Benzidine	12.47	184	275872	40.39	ng	99
77) Pyrene	12.56	202	534496	36.36	ng	99
79) Butylbenzylphthalate	13.20	149	260655	41.25	ng	# 77
80) Benzo(a)anthracene	13.75	228	470282	38.78	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	145841	37.13	ng	96
82) Chrysene	13.78	228	406466	37.19	ng	100
83) Bis(2-ethylhexyl)phthalate	13.76	149	311189	38.45	ng	# 97
84) Di-n-octyl phthalate	14.37	149	491315	39.94	ng	98
85) Indeno(1,2,3-cd)pyrene	16.34	276	297585	38.78	ng	# 94
87) Benzo(b)fluoranthene	14.77	252	683326	73.52	ng	# 98
88) Benzo(k)fluoranthene	14.77	252	683326	78.90	ng	99
89) Benzo(a)pyrene	15.05	252	309117	38.17	ng	# 96
90) Dibenzo(a,h)anthracene	16.35	278	245450	38.90	ng	# 96
91) Benzo(g,h,i)perylene	16.71	276	245804	38.40	ng	# 93

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

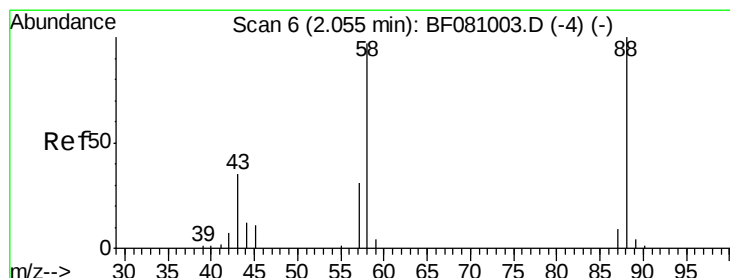
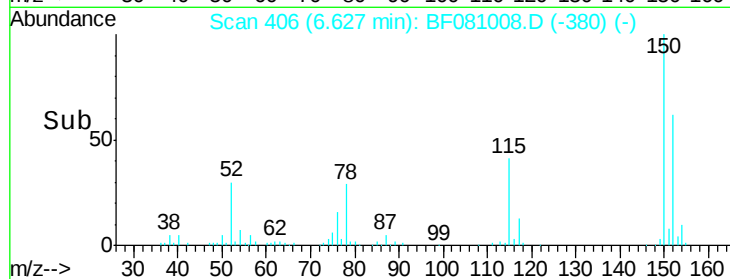
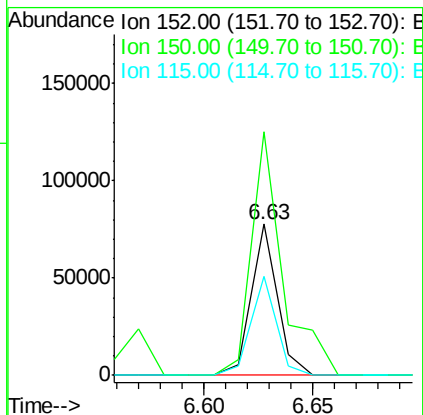
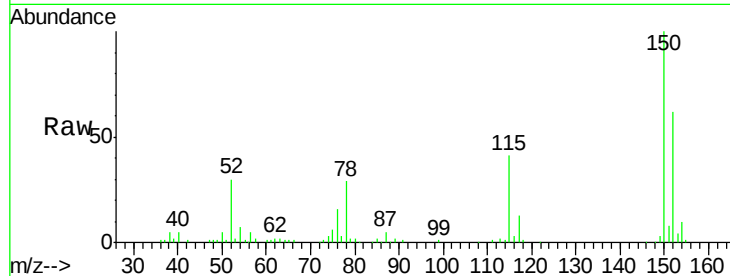


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF081715

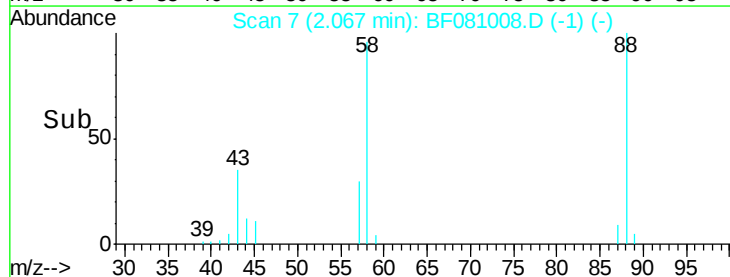
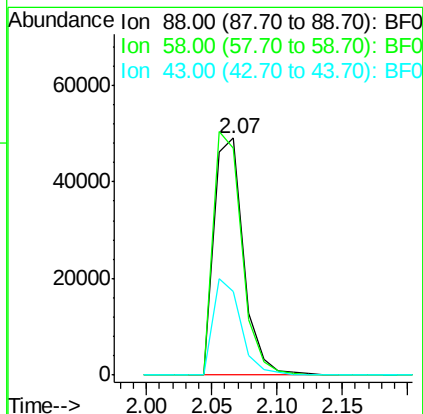
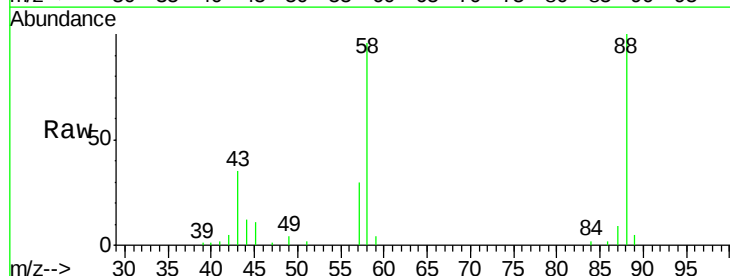
Tgt Ion:152 Resp: 64494
Ion Ratio Lower Upper
152 100
150 160.8 123.8 185.6
115 65.3 52.1 78.1

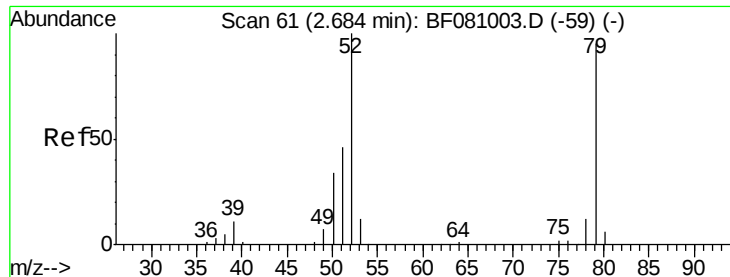


#2

1,4-Dioxane
Concen: 38.40 ng
RT: 2.07 min Scan# 7
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion: 88 Resp: 77593
Ion Ratio Lower Upper
88 100
58 99.7 83.7 125.5
43 37.8 37.5 56.3





#3

Pyridine

Concen: 40.83 ng

RT: 2.70 min Scan# 62

Delta R.T. -0.02 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

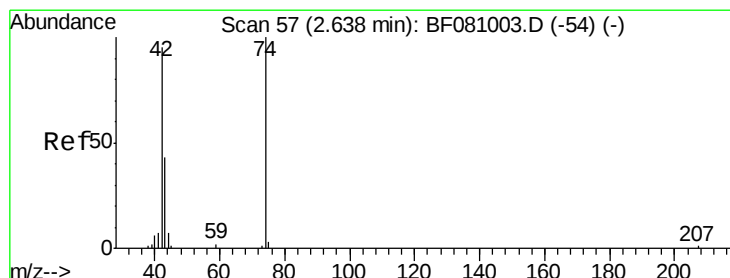
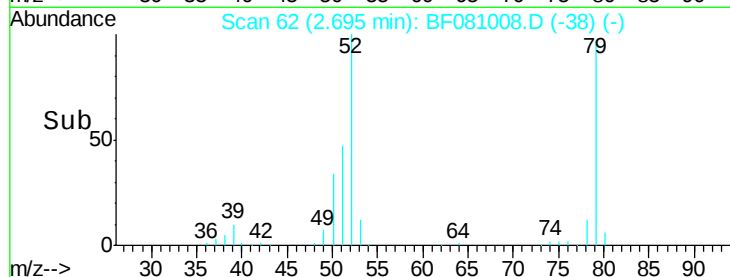
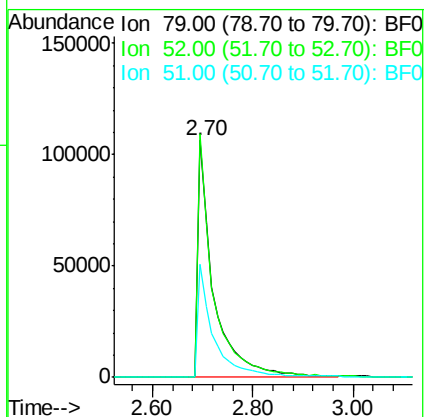
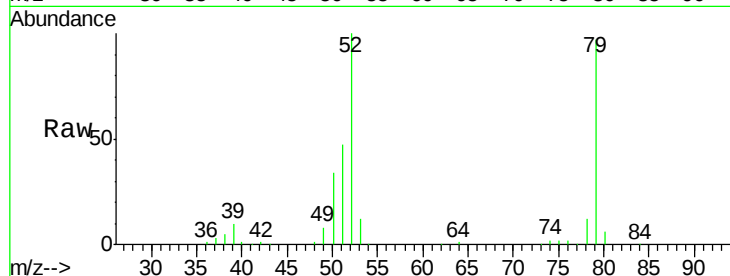
Tgt Ion: 79 Resp: 232872

Ion Ratio Lower Upper

79 100

52 102.7 95.1 142.7

51 47.8 46.6 70.0



#4

n-Nitrosodimethylamine

Concen: 39.03 ng

RT: 2.66 min Scan# 59

Delta R.T. 0.03 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

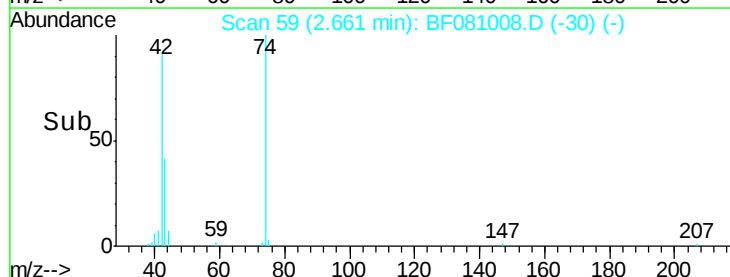
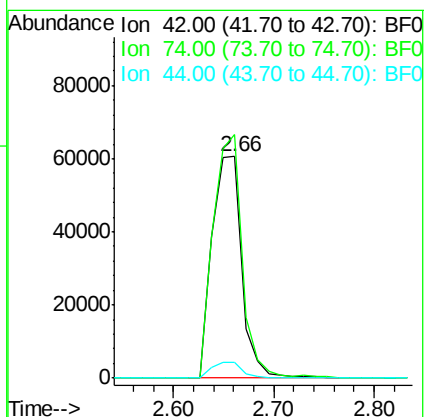
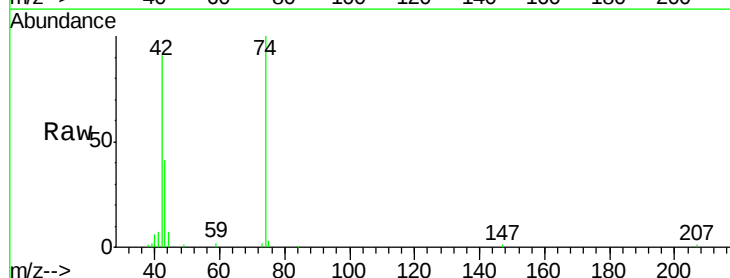
Tgt Ion: 42 Resp: 123931

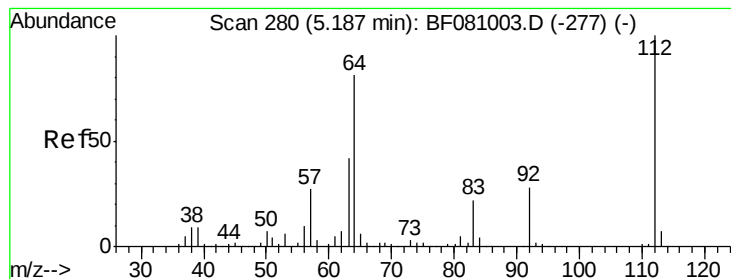
Ion Ratio Lower Upper

42 100

74 109.9 69.3 103.9#

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 80.45 ng

RT: 5.20 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

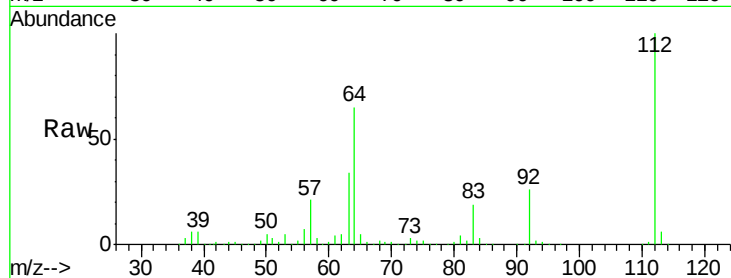
Tgt Ion: 112 Resp: 344940

Ion Ratio Lower Upper

112 100

64 65.5 66.9 100.3#

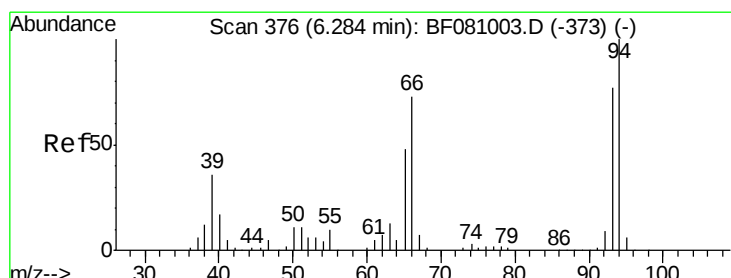
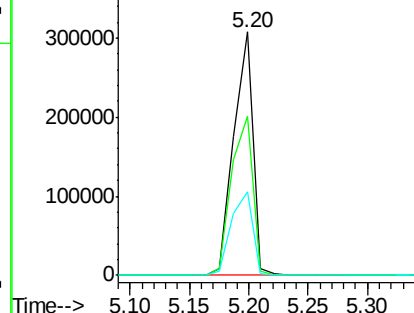
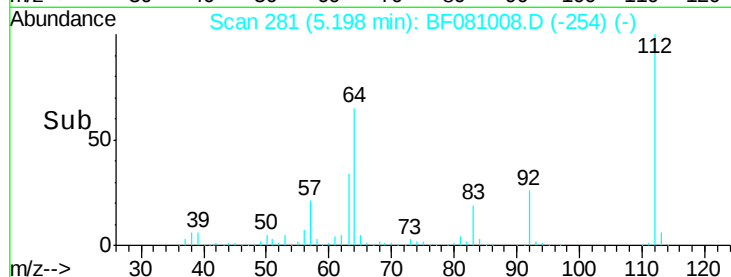
63 34.4 38.1 57.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.89 ng

RT: 6.30 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

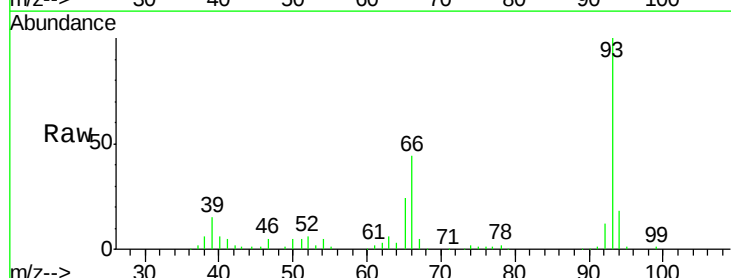
Tgt Ion: 93 Resp: 316330

Ion Ratio Lower Upper

93 100

66 43.6 35.6 53.4

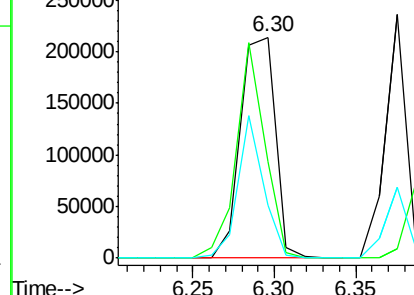
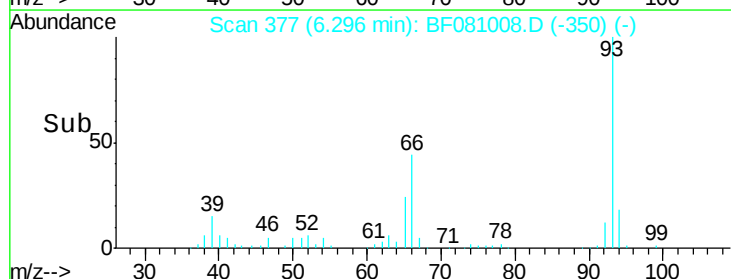
65 23.8 18.7 28.1

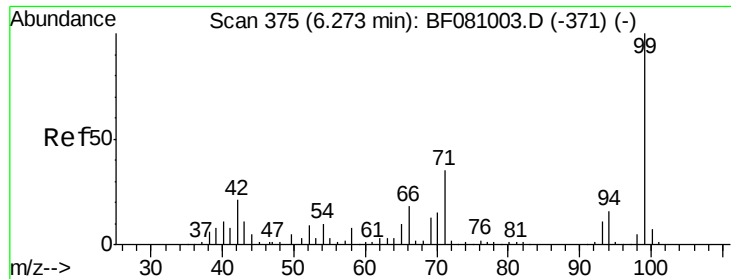


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.51 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

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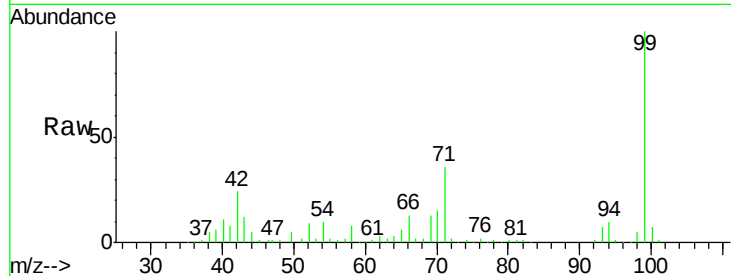
Tgt Ion: 99 Resp: 422465

Ion Ratio Lower Upper

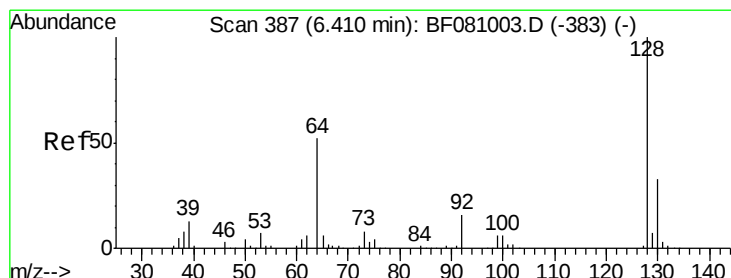
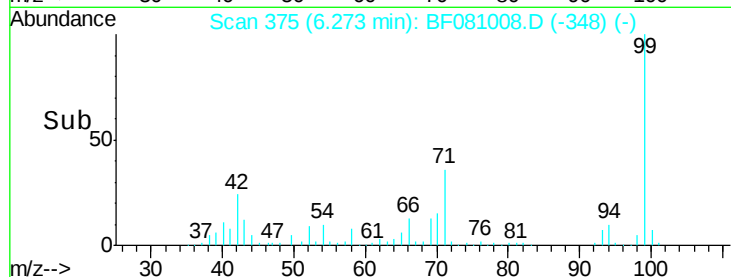
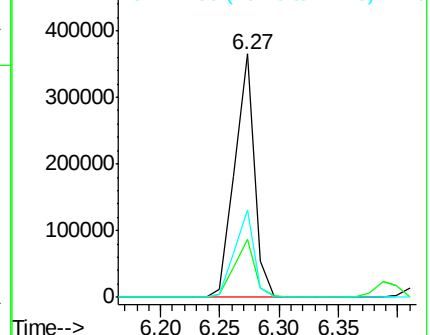
99 100

42 23.6 19.6 29.4

71 35.8 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.25 ng

RT: 6.41 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

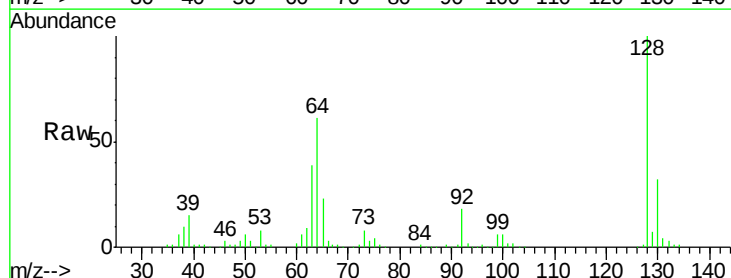
Tgt Ion: 128 Resp: 188891

Ion Ratio Lower Upper

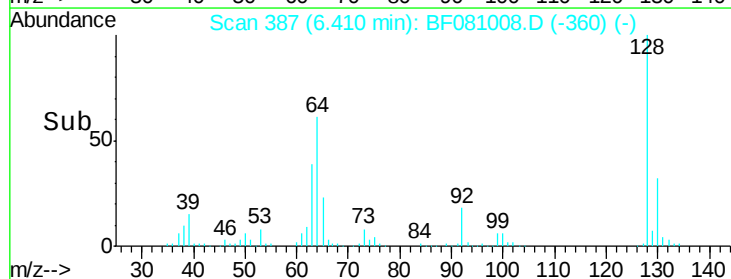
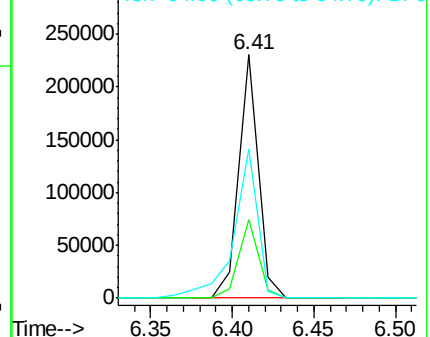
128 100

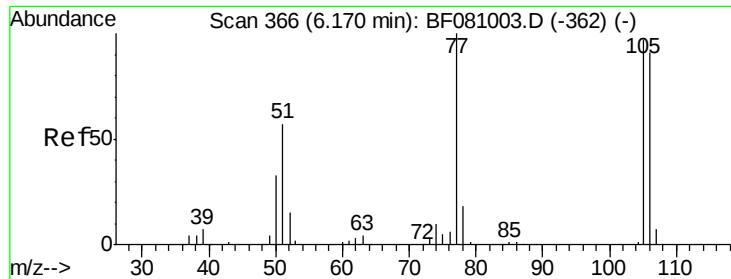
130 32.2 12.5 52.5

64 61.0 46.8 86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

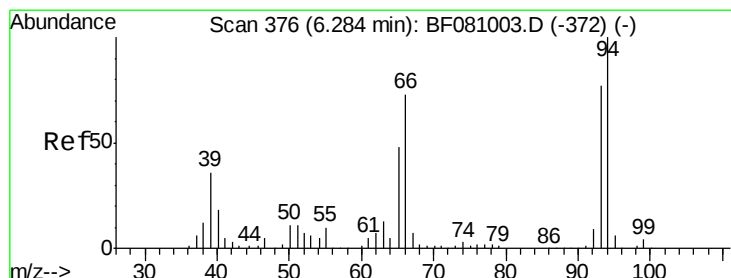
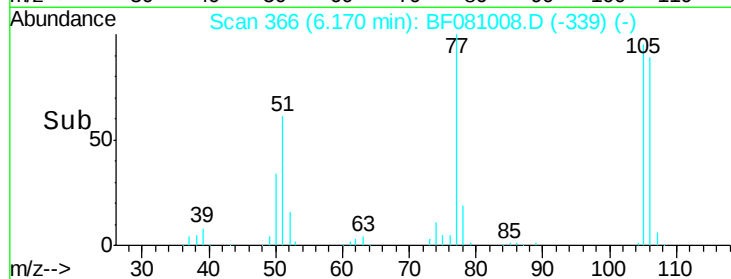
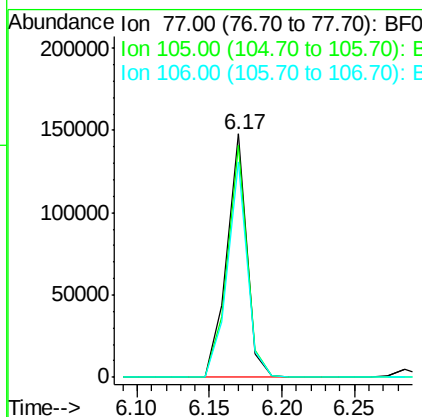
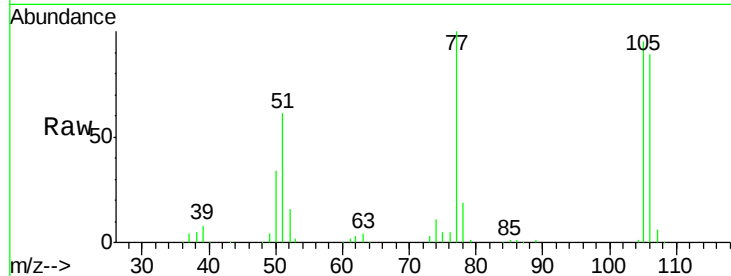




#9
Benzaldehyde
Concen: 39.50 ng
RT: 6.17 min Scan# 366
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

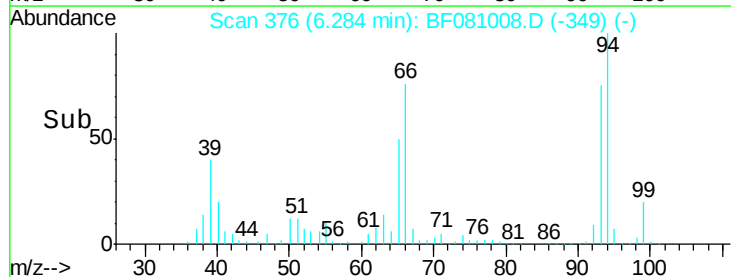
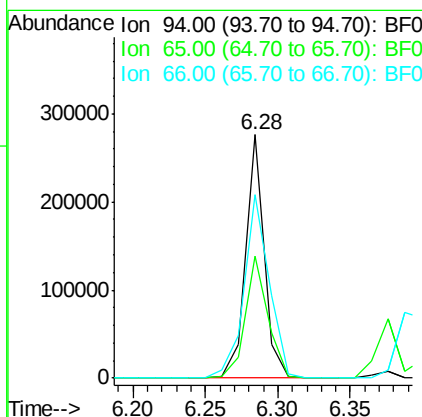
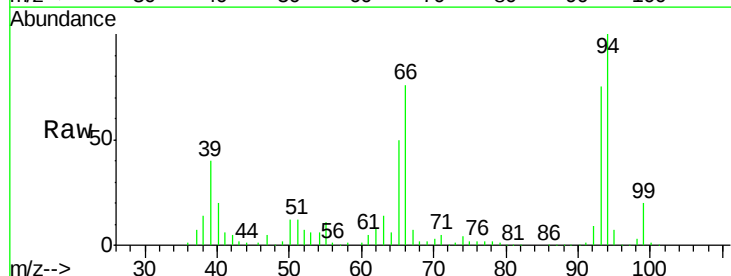
Instrument :
BNA_F
ClientSampleId :
ICVBF081715

Tgt Ion: 77 Resp: 142445
Ion Ratio Lower Upper
77 100
105 95.5 69.6 109.6
106 88.6 64.0 104.0



#10
Phenol
Concen: 37.12 ng
RT: 6.28 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion: 94 Resp: 245244
Ion Ratio Lower Upper
94 100
65 50.0 28.4 68.4
66 75.6 52.3 92.3

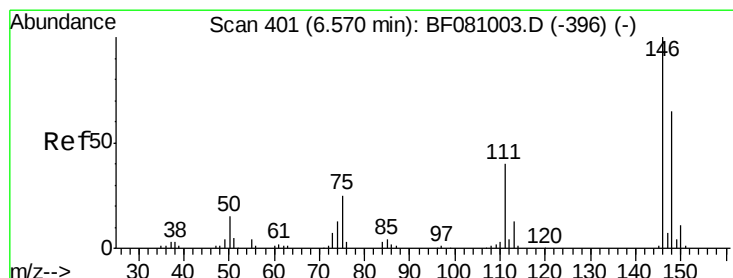
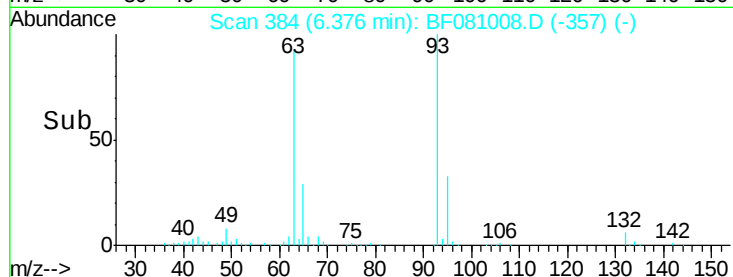
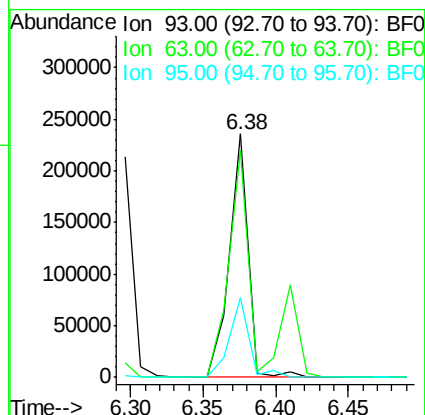
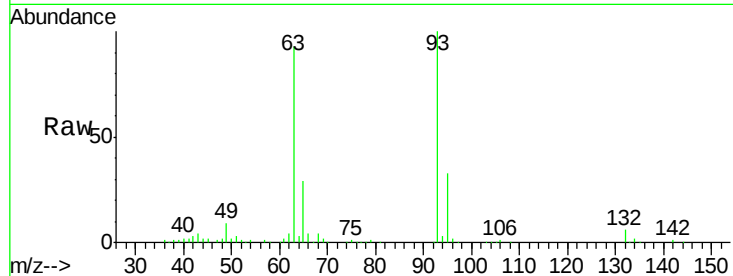




#11
bis(2-Chloroethyl)ether
Concen: 41.76 ng
RT: 6.38 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

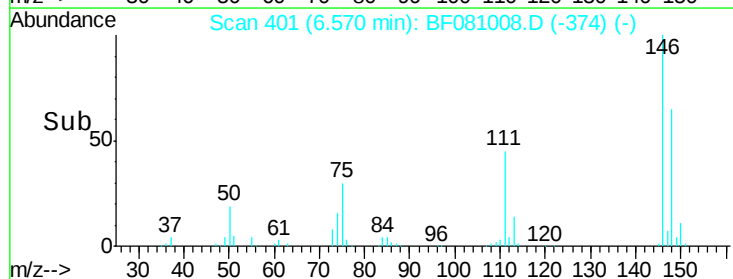
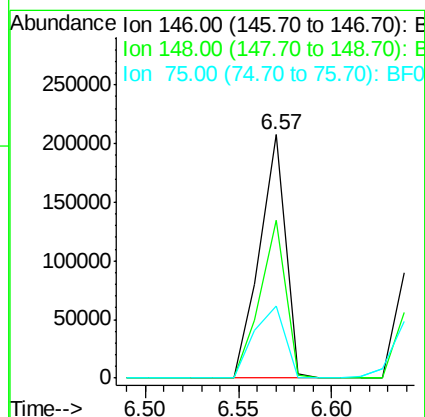
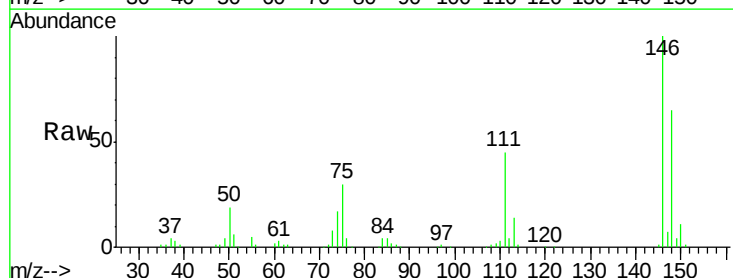
Instrument :
BNA_F
ClientSampleId :
ICVBF081715

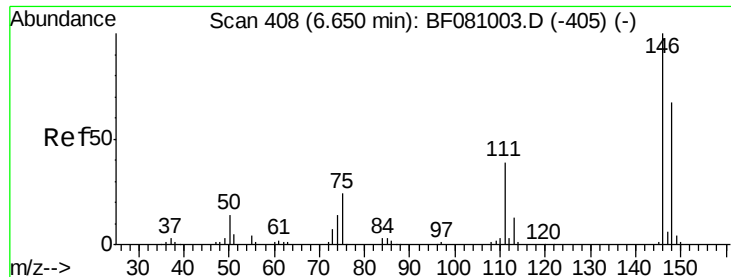
Tgt Ion: 93 Resp: 211697
Ion Ratio Lower Upper
93 100
63 93.4 69.6 109.6
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.79 ng
RT: 6.57 min Scan# 401
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion: 146 Resp: 200680
Ion Ratio Lower Upper
146 100
148 65.0 53.3 79.9
75 29.8 25.0 37.6

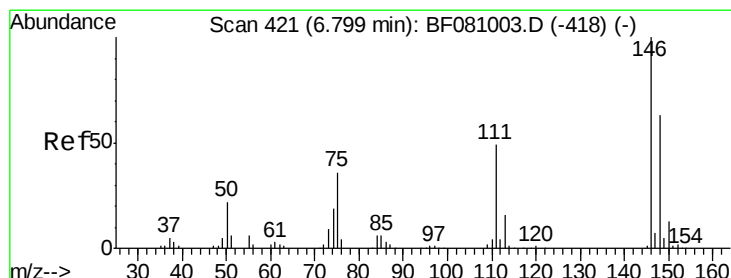
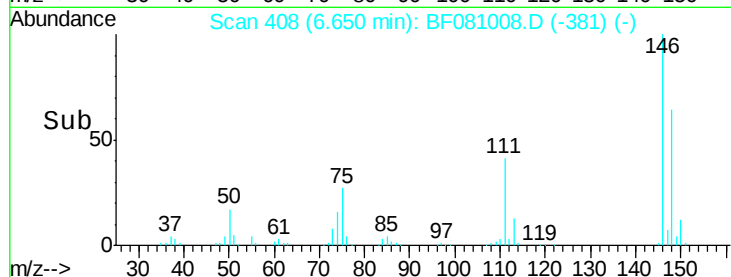
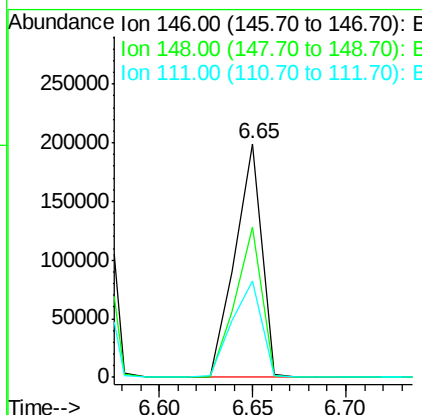
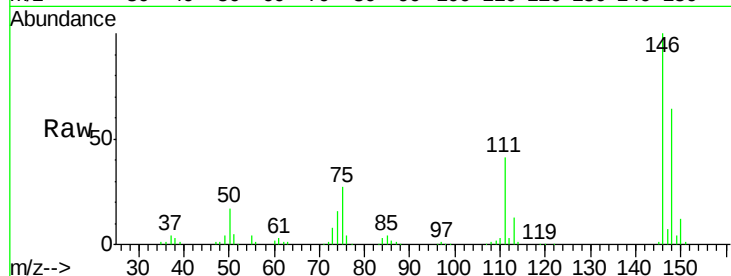




#13
 1,4-Dichlorobenzene
 Concen: 40.25 ng
 RT: 6.65 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

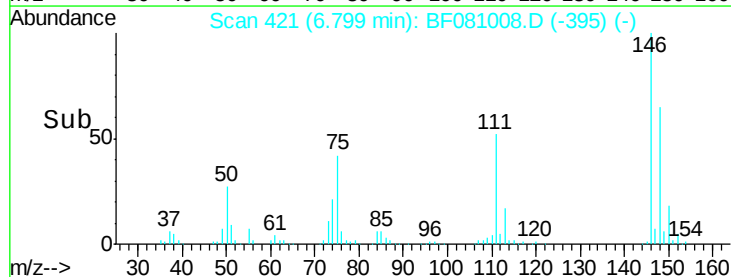
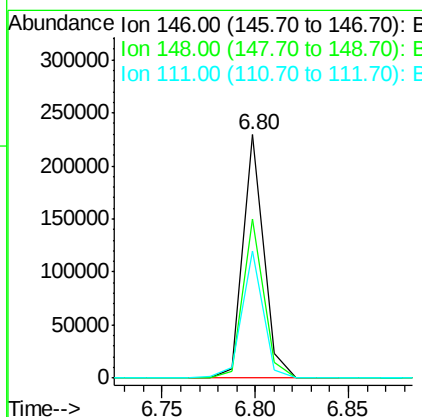
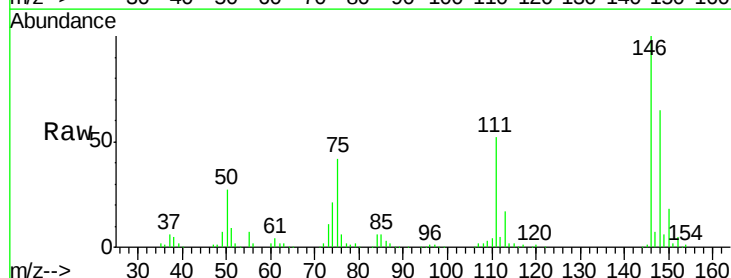
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

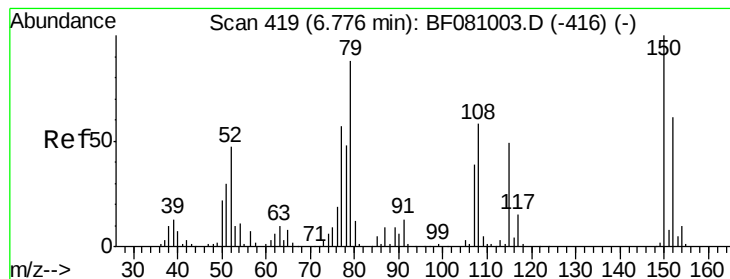
Tgt Ion:146 Resp: 200997
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 41.2 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 38.50 ng
 RT: 6.80 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion:146 Resp: 179944
 Ion Ratio Lower Upper
 146 100
 148 65.2 48.7 73.1
 111 52.5 42.3 63.5





#15

Benzyl Alcohol

Concen: 38.93 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

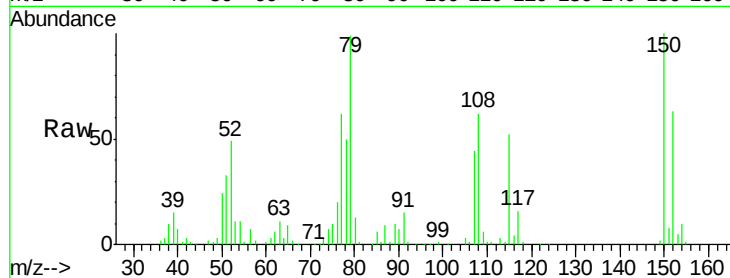
Tgt Ion: 79 Resp: 176239

Ion Ratio Lower Upper

79 100

108 63.4 49.4 74.2

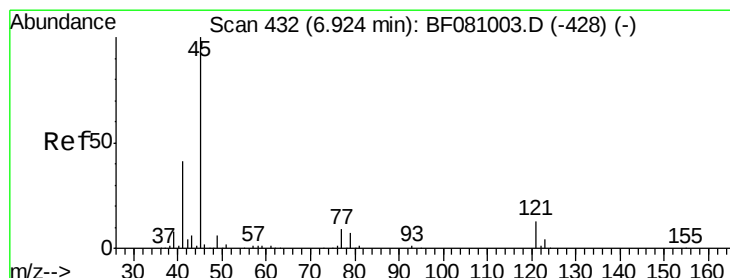
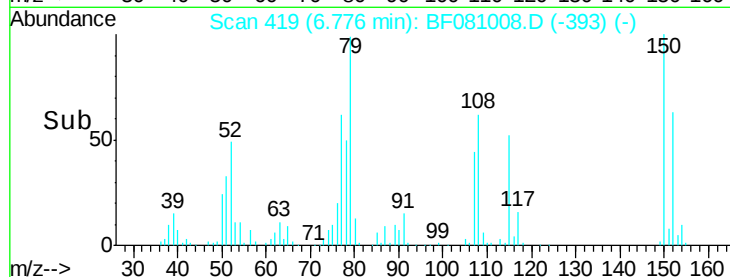
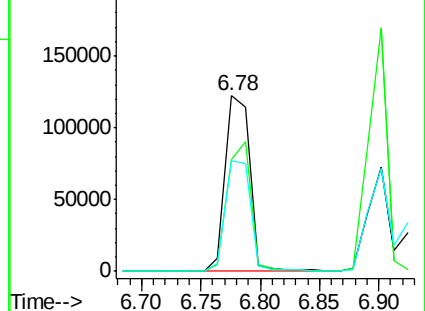
77 62.9 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.65 ng

RT: 6.92 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

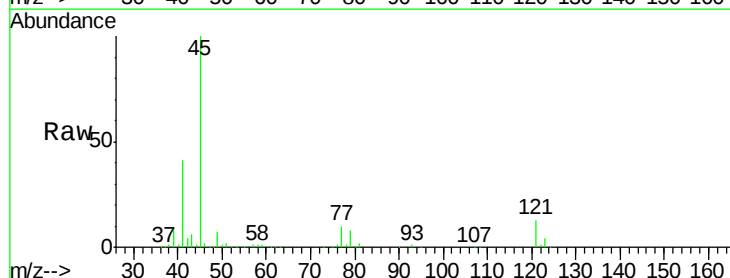
Tgt Ion: 45 Resp: 395038

Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.2

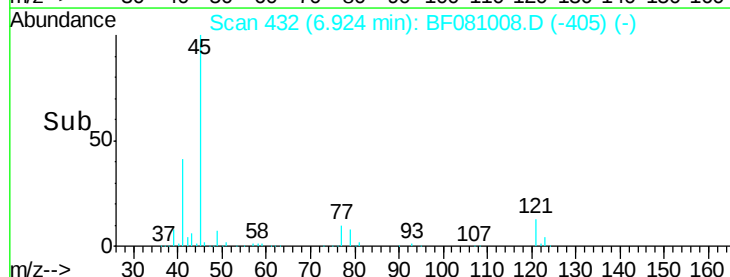
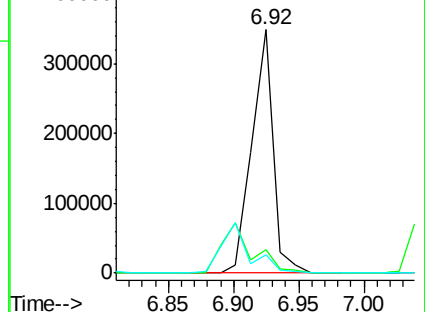
79 7.8 0.0 28.0

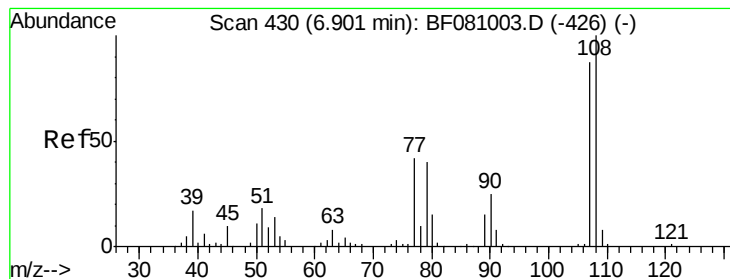


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.14 ng

RT: 6.90 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

Tgt Ion:107 Resp: 161628

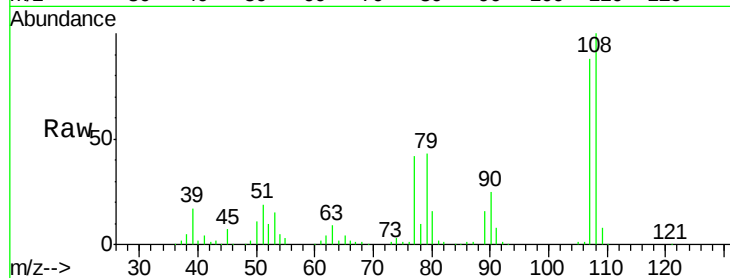
Ion Ratio Lower Upper

107 100

108 114.2 90.4 135.6

77 48.5 46.5 69.7

79 48.8 46.3 69.5

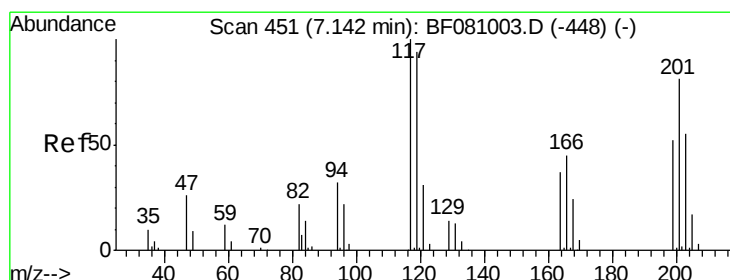
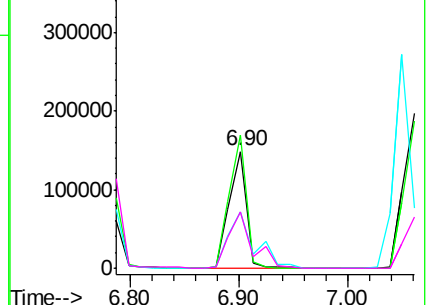
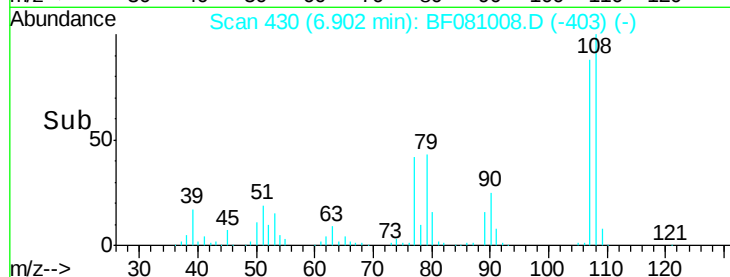


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.66 ng

RT: 7.14 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

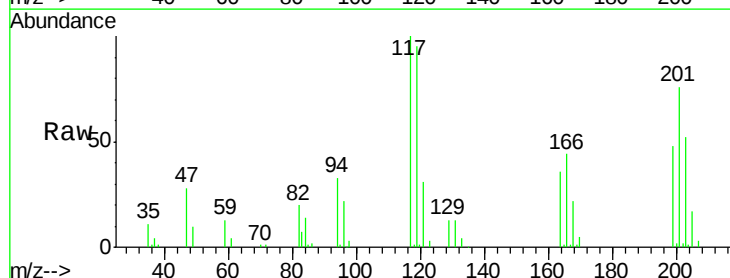
Tgt Ion:117 Resp: 80030

Ion Ratio Lower Upper

117 100

119 94.9 77.9 116.9

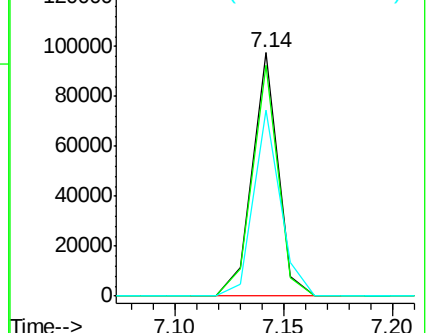
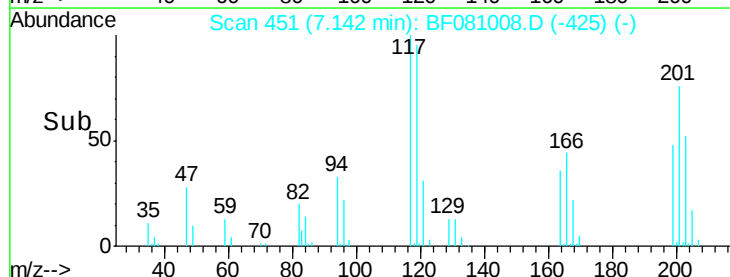
201 76.2 61.3 91.9

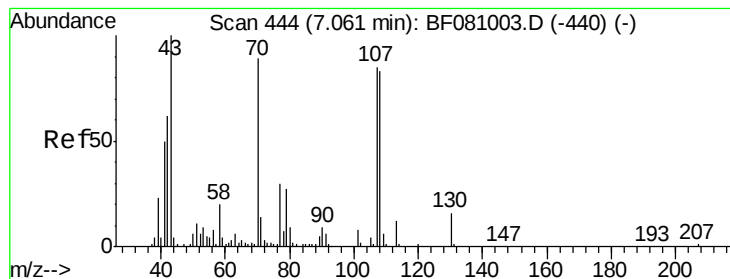


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.00 ng

RT: 7.06 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

Tgt Ion: 70 Resp: 151140

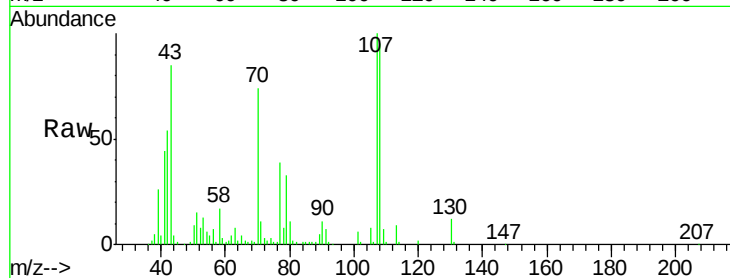
Ion Ratio Lower Upper

70 100

42 73.2 65.0 97.4

101 8.7 7.4 11.2

130 16.1 13.0 19.4

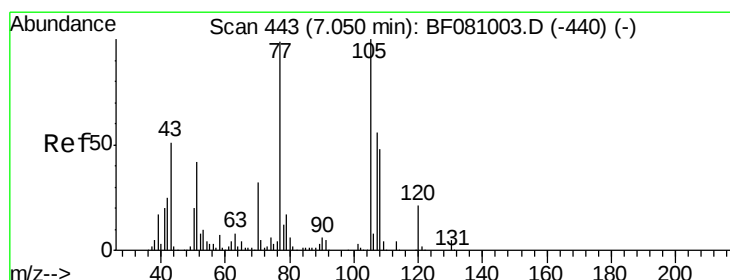
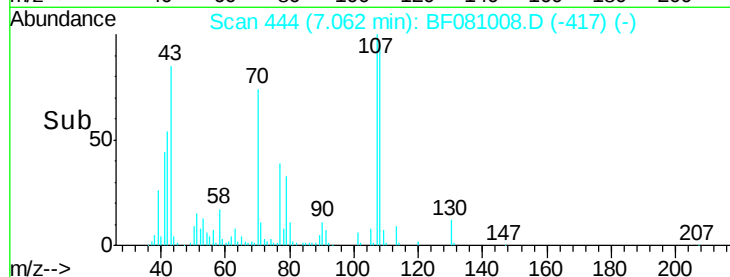
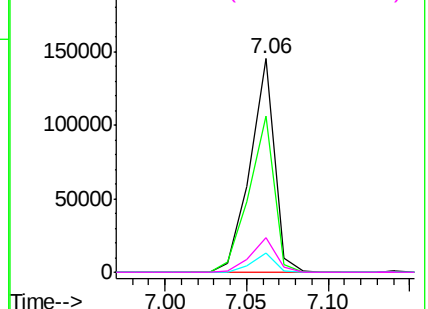


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.53 ng

RT: 7.06 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Tgt Ion: 107 Resp: 207148

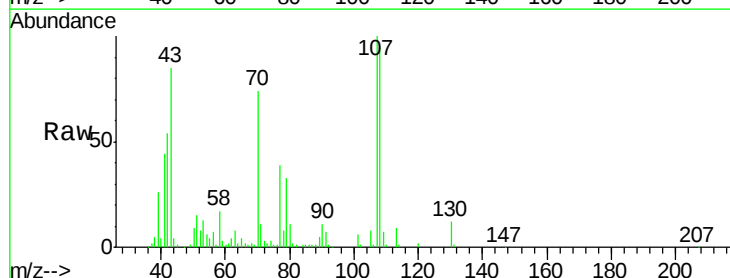
Ion Ratio Lower Upper

107 100

108 95.1 66.1 106.1

77 39.3 139.3 179.3#

79 33.5 11.9 51.9

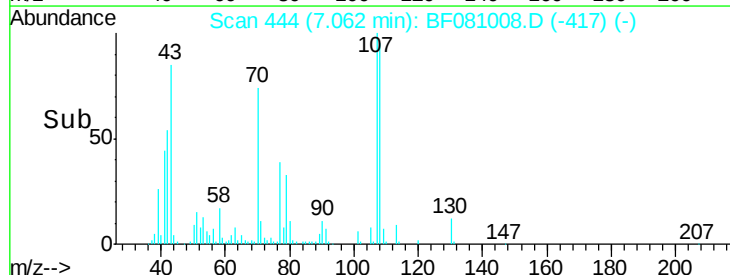
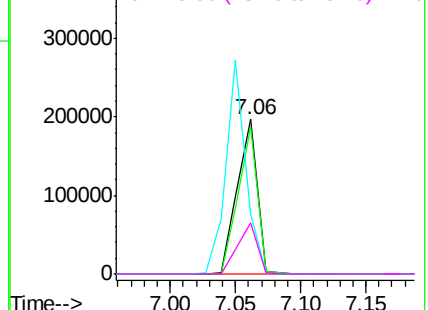


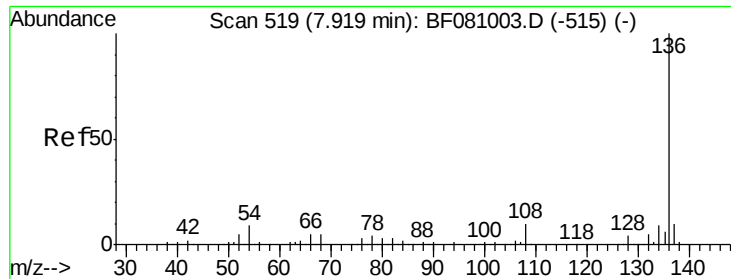
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

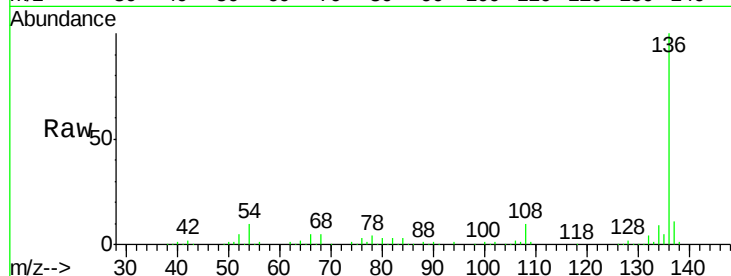




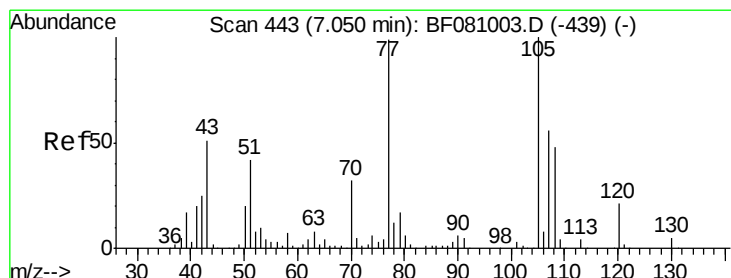
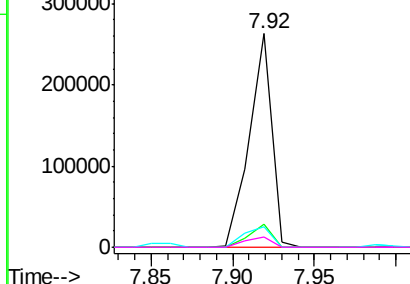
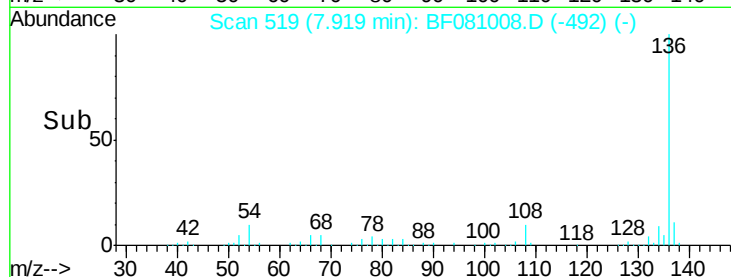
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF081715

Tgt Ion:	136	Resp:	252986
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	9.5	7.7	11.5
68	4.8	3.4	5.2

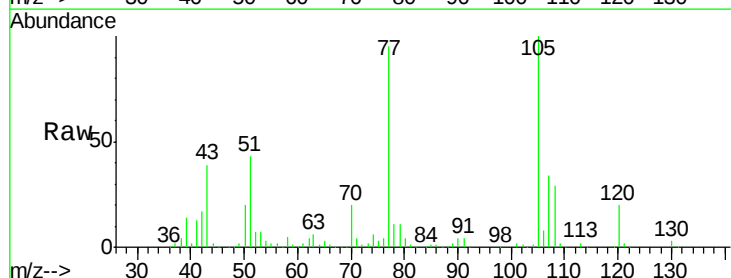


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

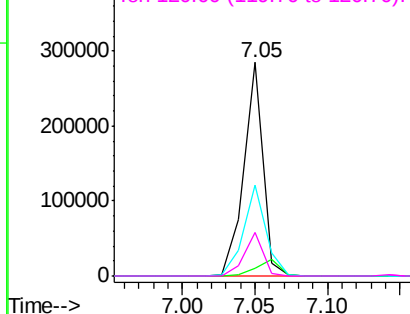
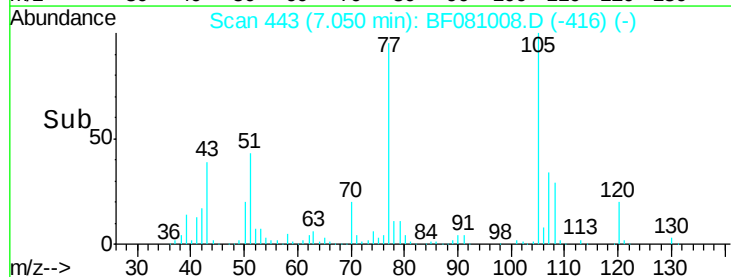


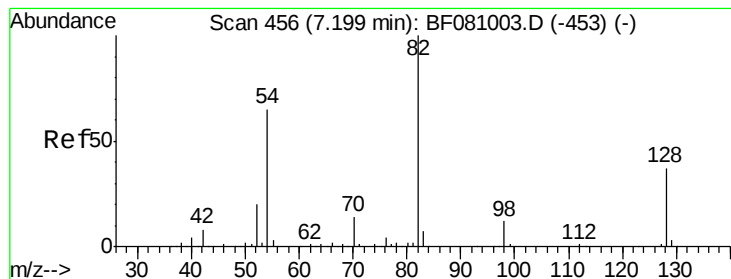
#22
Acetophenone
Concen: 39.28 ng
RT: 7.05 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion:	105	Resp:	260857
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.0	4.6
51	42.6	39.8	59.8
120	20.1	15.8	23.8



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





#23

Nitrobenzene-d5

Concen: 74.71 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

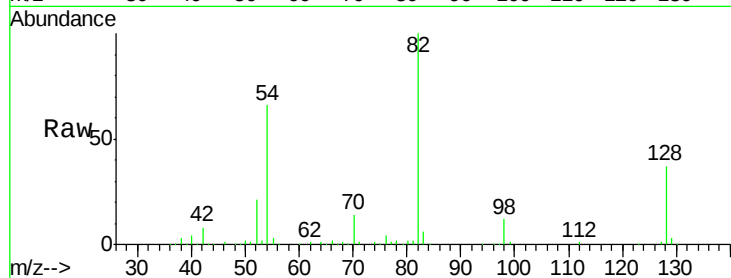
Tgt Ion: 82 Resp: 413722

Ion Ratio Lower Upper

82 100

128 37.3 28.6 42.8

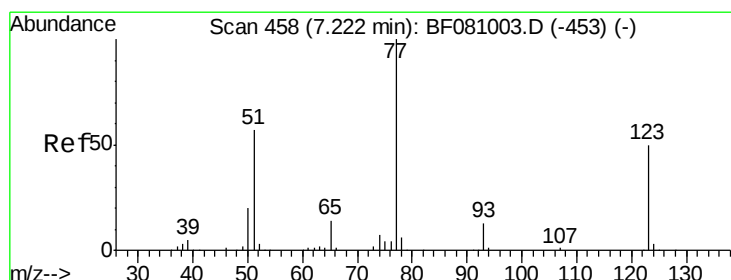
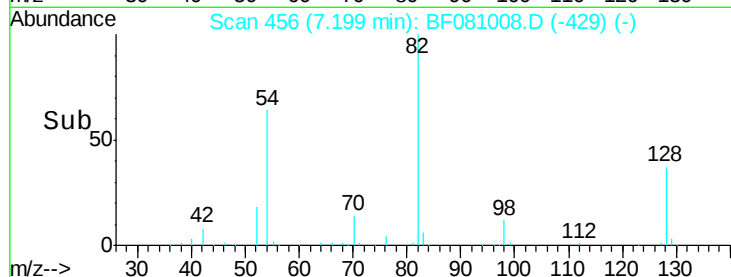
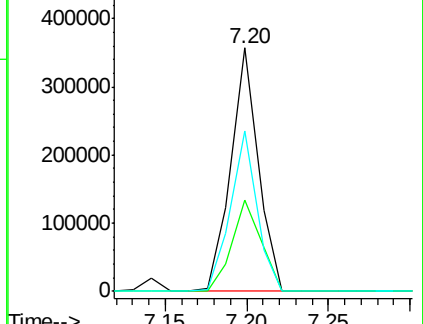
54 65.8 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.06 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

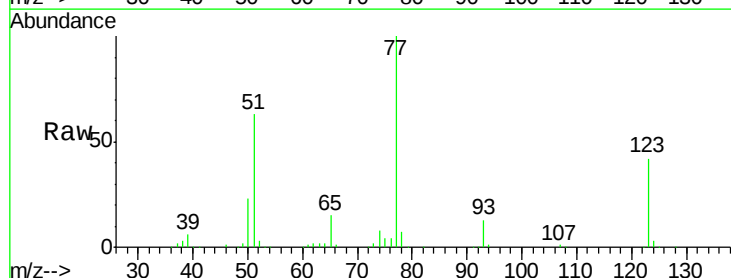
Tgt Ion: 77 Resp: 249325

Ion Ratio Lower Upper

77 100

123 42.4 32.9 49.3

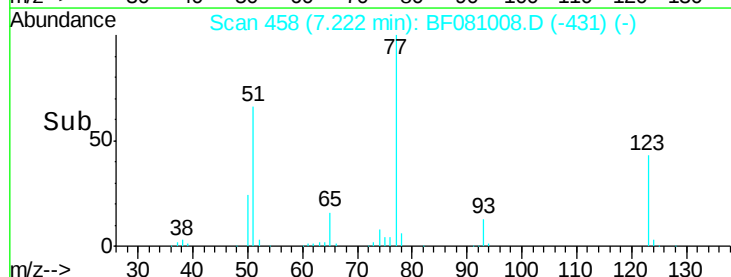
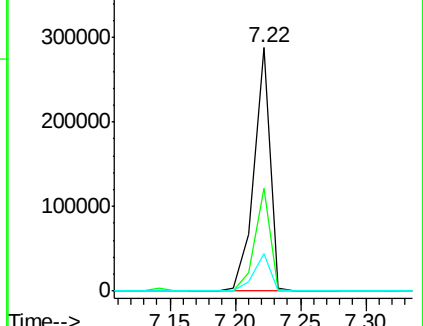
65 15.2 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

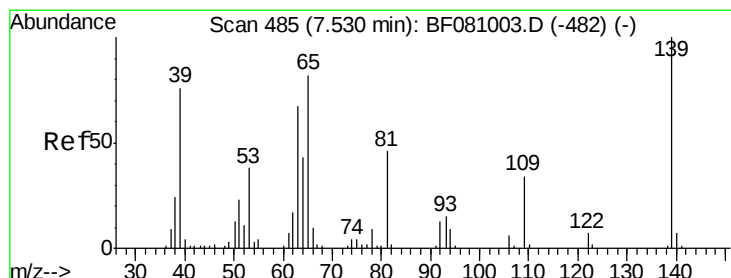
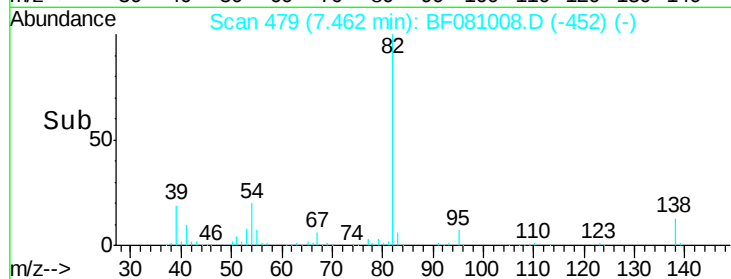
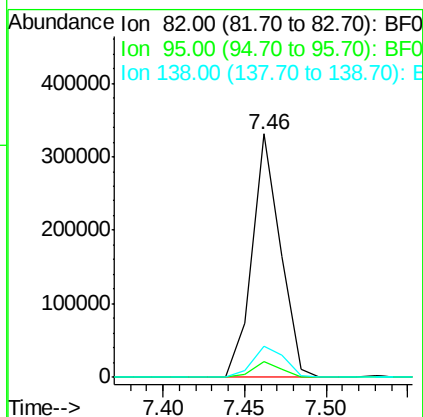
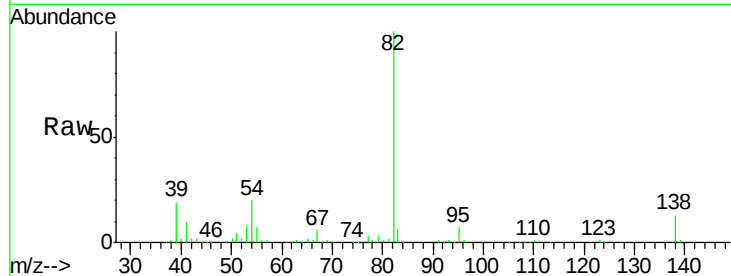




#25
Isophorone
Concen: 38.57 ng
RT: 7.46 min Scan# 479
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

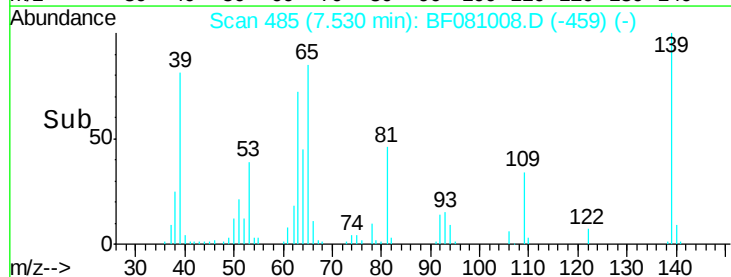
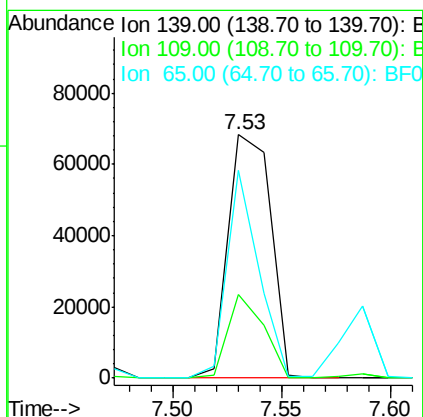
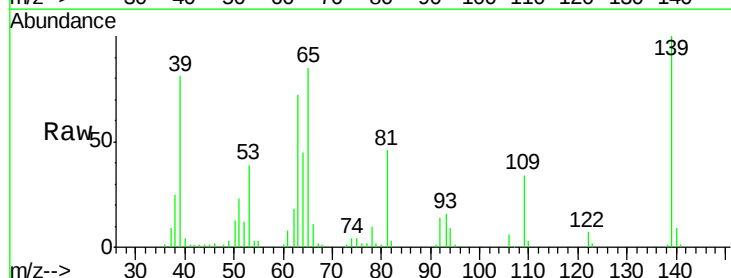
Instrument :
BNA_F
ClientSampleId :
ICVBF081715

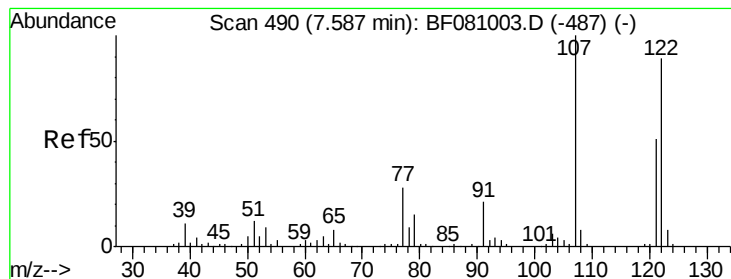
Tgt Ion: 82 Resp: 398380
Ion Ratio Lower Upper
82 100
95 6.7 6.2 9.2
138 13.0 10.5 15.7



#26
2-Nitrophenol
Concen: 38.44 ng
RT: 7.53 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion: 139 Resp: 92555
Ion Ratio Lower Upper
139 100
109 34.1 32.1 48.1
65 85.2 69.9 104.9





#27

2,4-Dimethylphenol

Concen: 41.61 ng

RT: 7.59 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

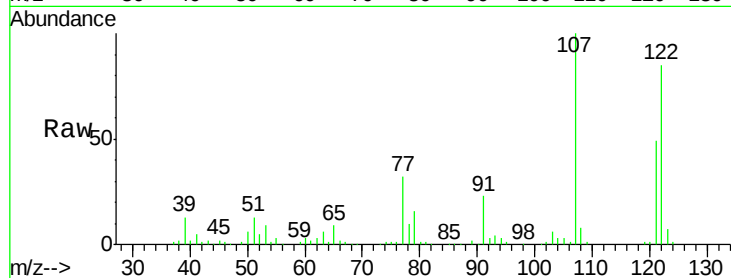
Tgt Ion: 122 Resp: 177279

Ion Ratio Lower Upper

122 100

107 118.3 103.8 155.6

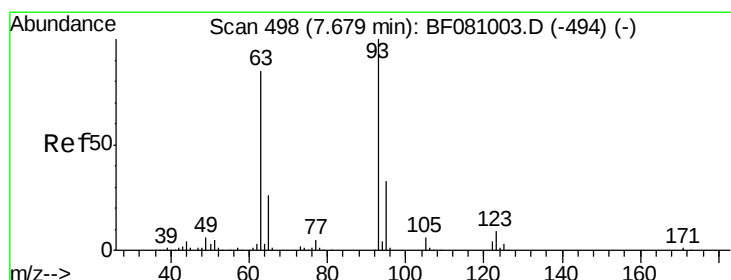
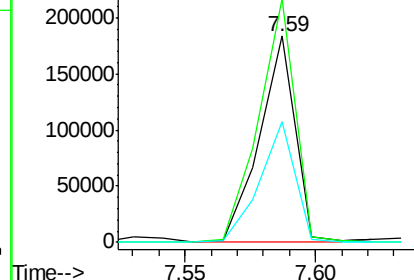
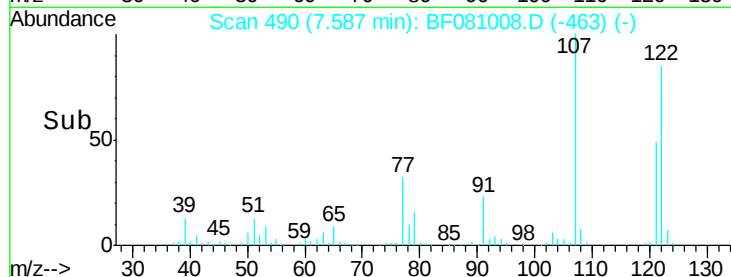
121 58.4 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.46 ng

RT: 7.68 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

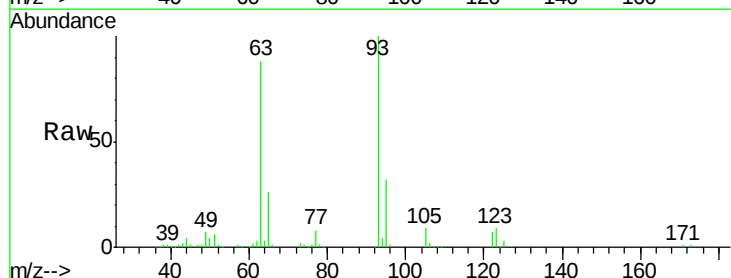
Tgt Ion: 93 Resp: 216362

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

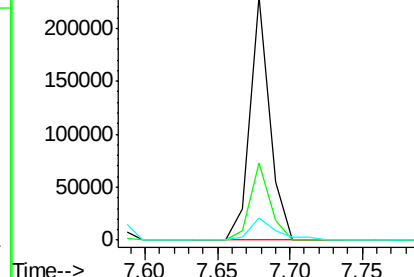
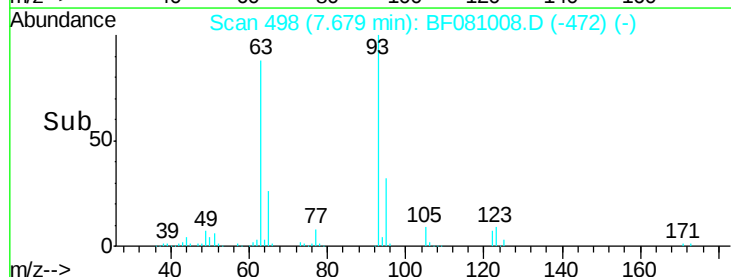
123 9.4 7.4 11.0

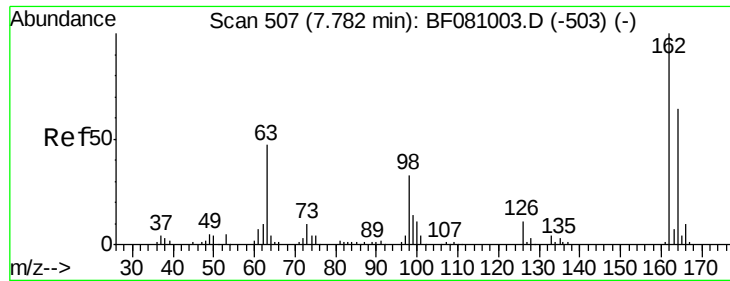


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

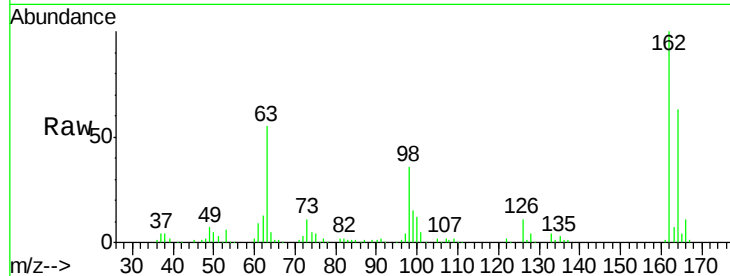




#29
 2,4-Dichlorophenol
 Concen: 41.61 ng
 RT: 7.78 min Scan# 507
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.2	83.2
98	35.9	12.3	52.3

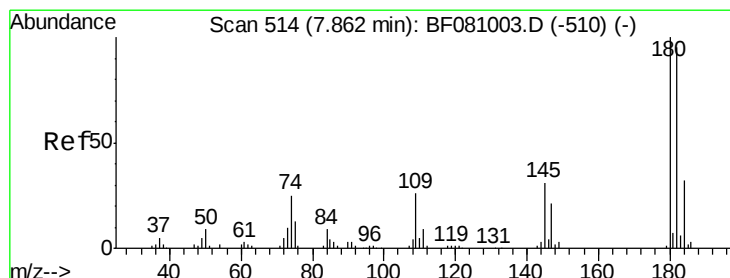
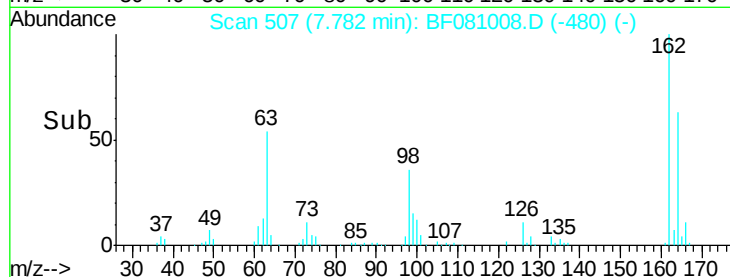
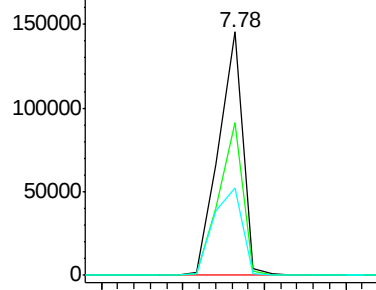


Abundance

Ion 162.00 (161.70 to 162.70): E

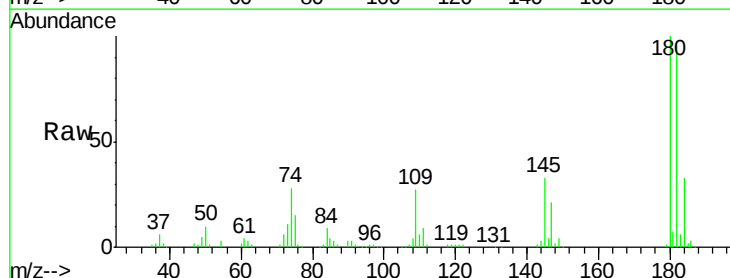
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.78 ng
 RT: 7.86 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	33.0	25.4	38.2

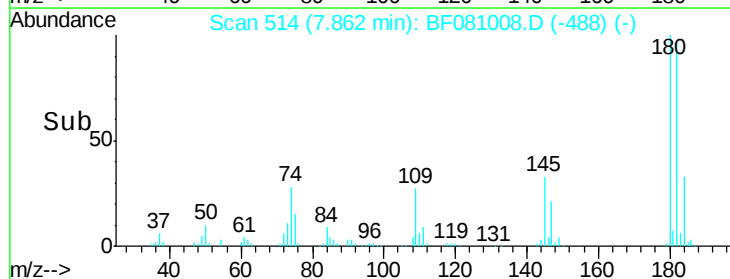
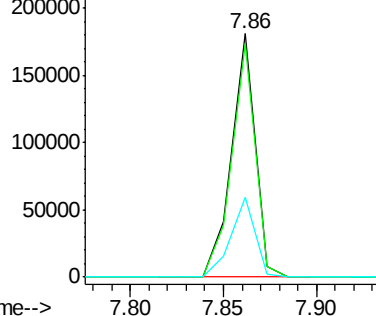


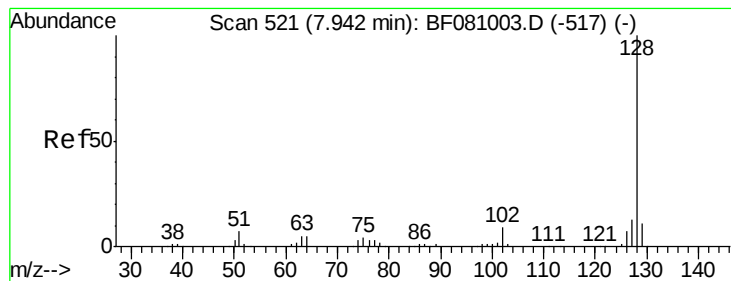
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.04 ng

RT: 7.94 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

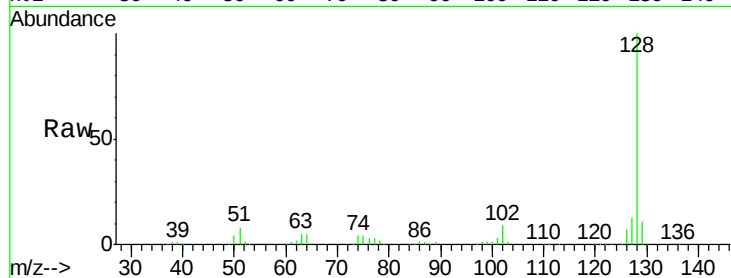
Tgt Ion:128 Resp: 550528

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

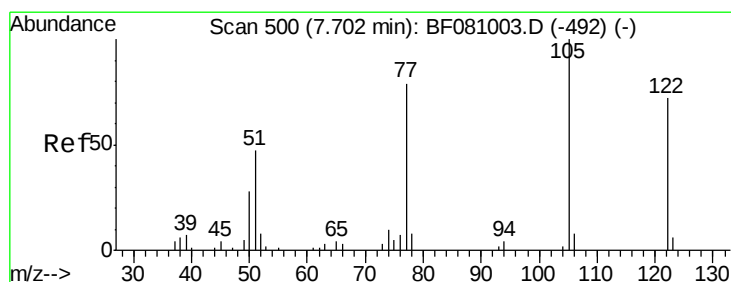
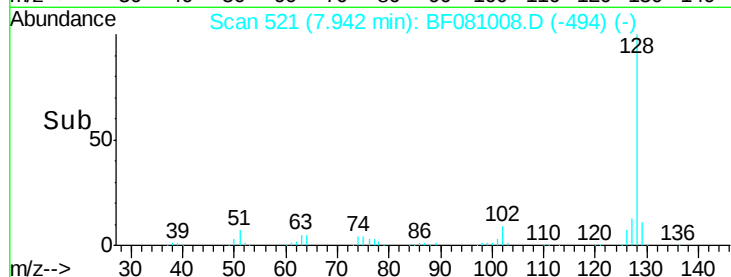
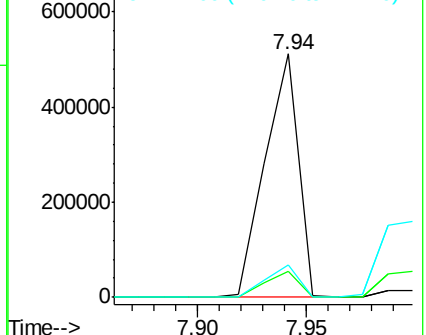
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.30 ng

RT: 7.71 min Scan# 501

Delta R.T. 0.06 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

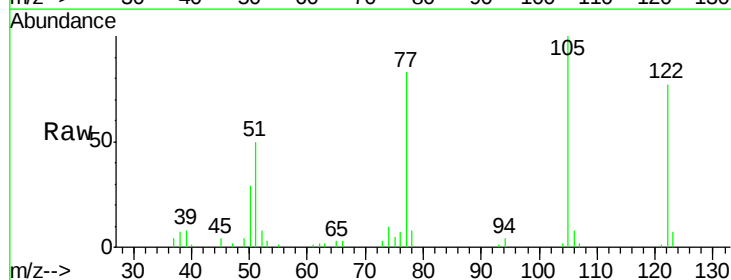
Tgt Ion:122 Resp: 91785

Ion Ratio Lower Upper

122 100

105 130.1 113.8 153.8

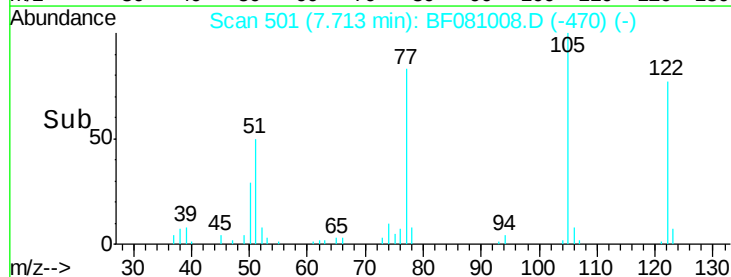
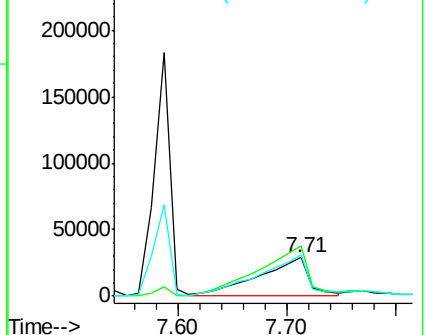
77 108.2 93.8 133.8

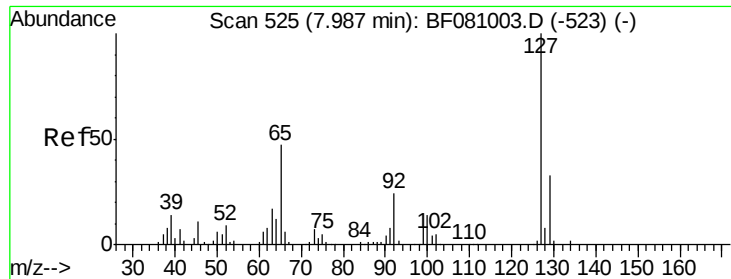


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

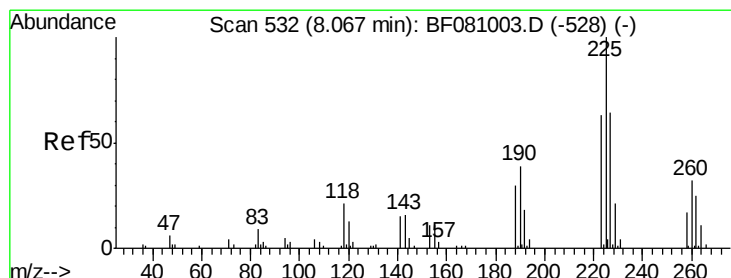
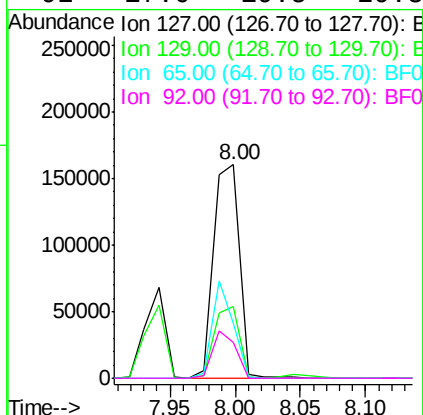
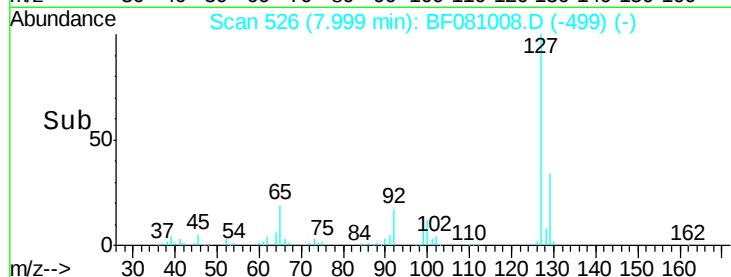
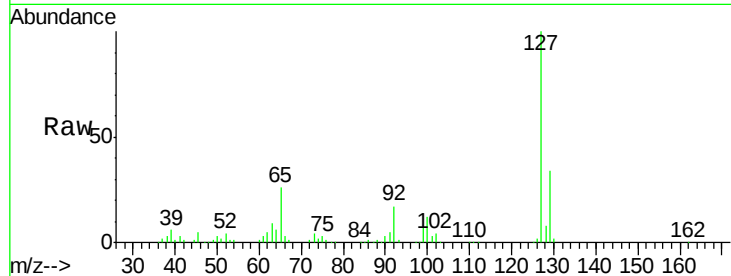




#33
4-Chloroaniline
Concen: 37.33 ng
RT: 8.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

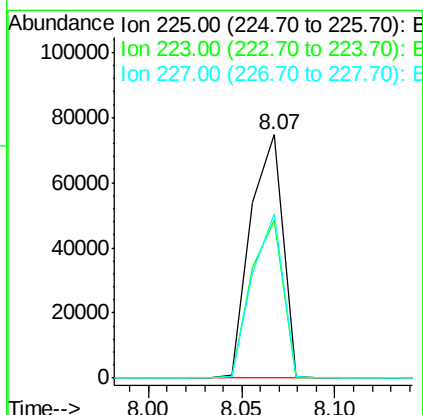
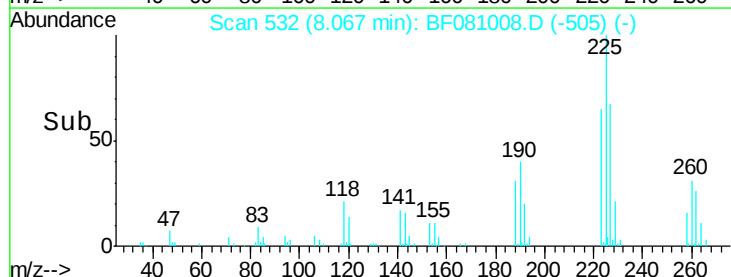
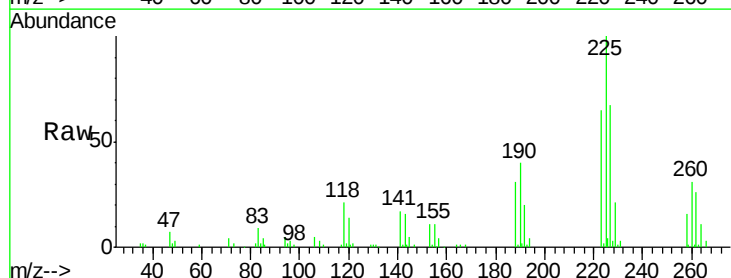
Instrument :
BNA_F
ClientSampleId :
ICVBF081715

Tgt Ion:	127	Resp:	222095
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.2	37.8
65	25.6	37.8	56.6#
92	17.0	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 39.57 ng
RT: 8.07 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion:	225	Resp:	89196
Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.6	79.0
227	67.5	51.1	76.7

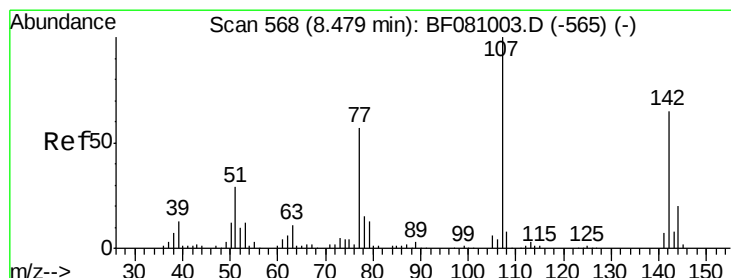
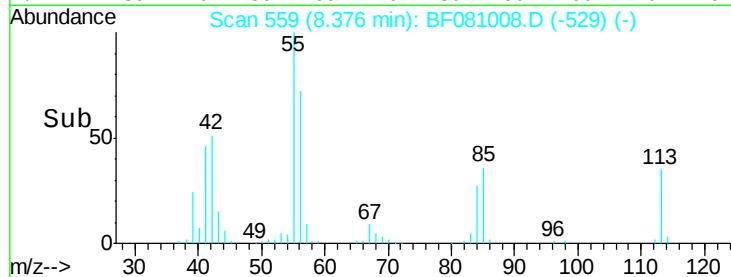
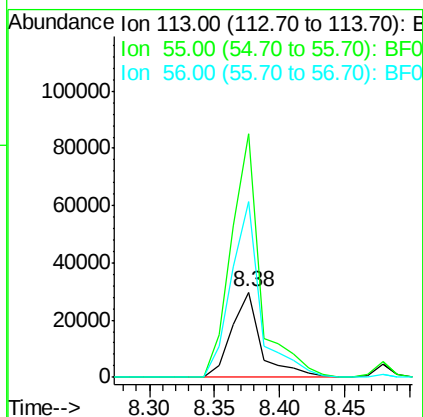
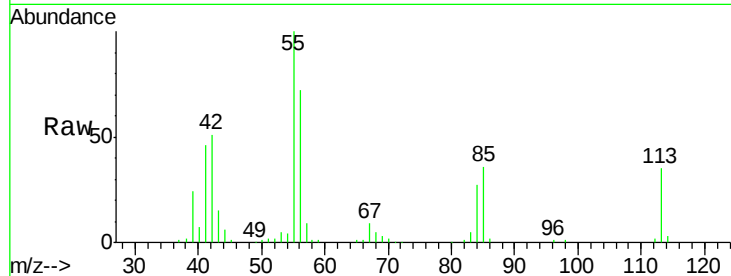




#35
 Caprolactam
 Concen: 37.39 ng
 RT: 8.38 min Scan# 559
 Delta R.T. 0.05 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

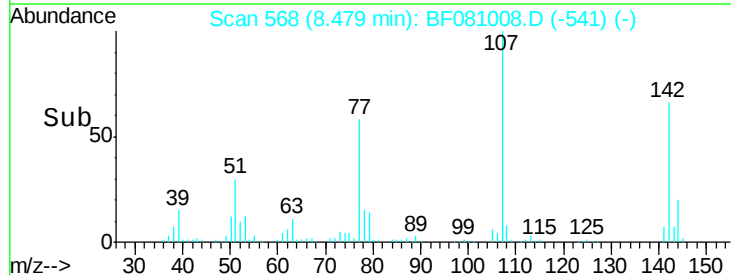
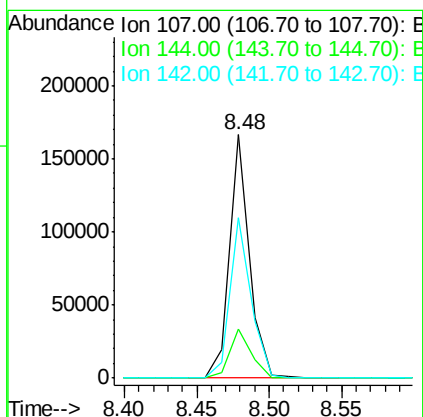
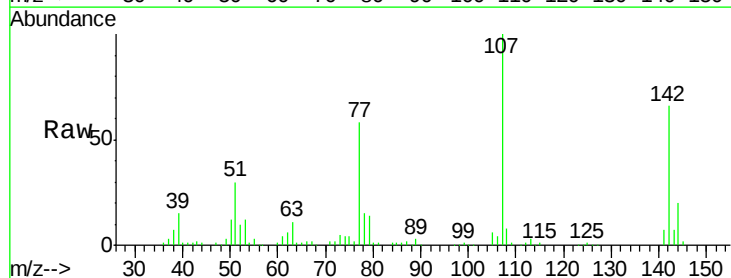
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

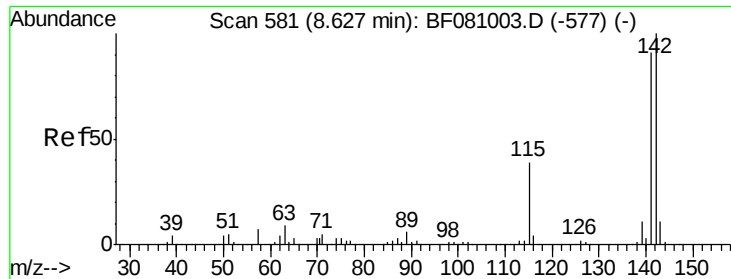
Tgt Ion:113 Resp: 46870
 Ion Ratio Lower Upper
 113 100
 55 286.1 280.4 320.4
 56 205.9 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 37.09 ng
 RT: 8.48 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion:107 Resp: 158546
 Ion Ratio Lower Upper
 107 100
 144 20.4 17.2 25.8
 142 65.7 54.9 82.3

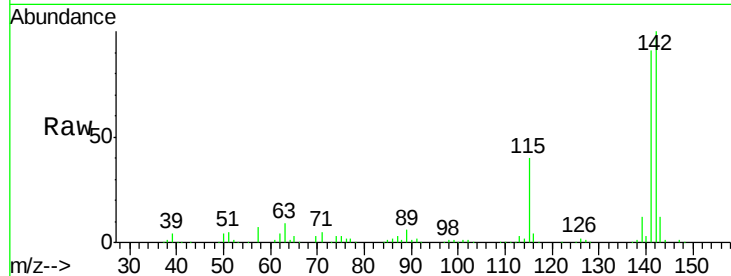




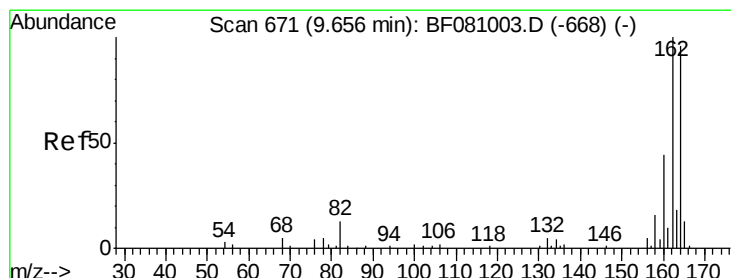
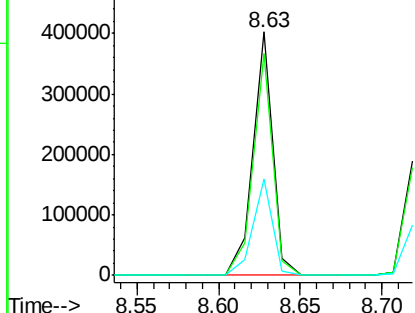
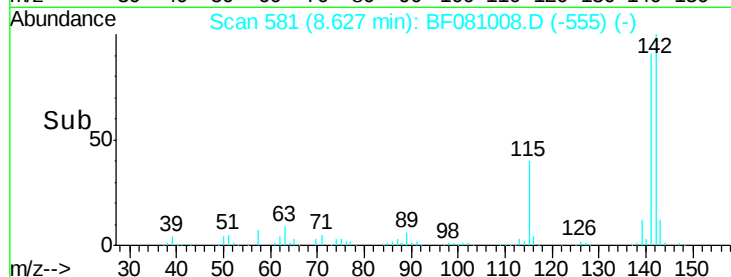
#37
 2-Methylnaphthalene
 Concen: 38.03 ng
 RT: 8.63 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion:142 Resp: 338783
 Ion Ratio Lower Upper
 142 100
 141 91.4 71.4 107.2
 115 39.7 33.4 50.0

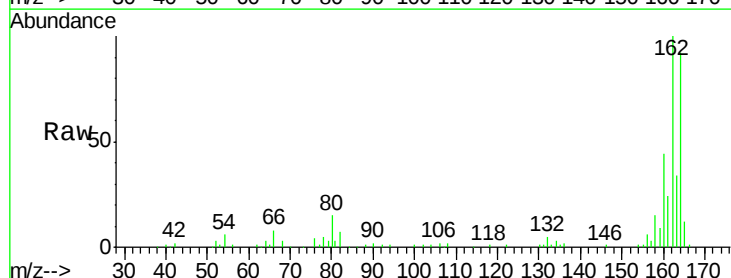


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

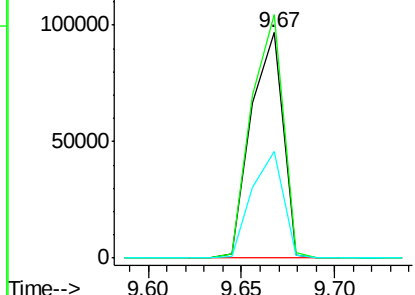
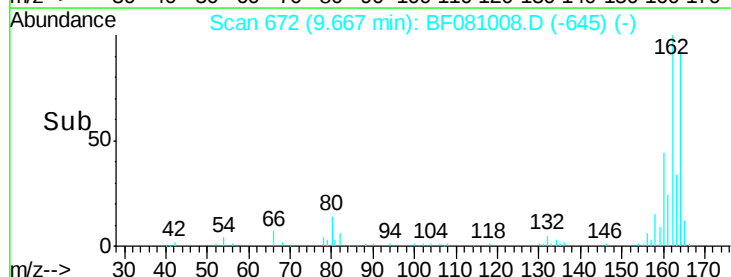


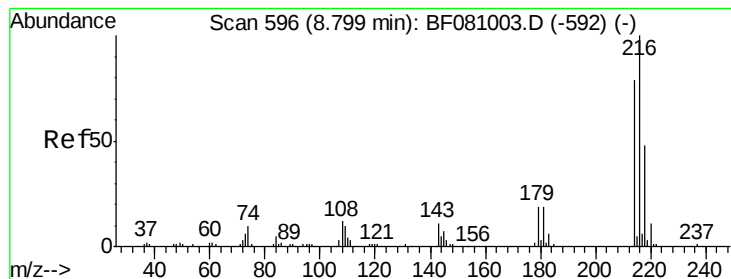
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 672
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion:164 Resp: 114224
 Ion Ratio Lower Upper
 164 100
 162 108.1 83.8 125.8
 160 47.6 39.8 59.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.05 ng

RT: 8.80 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

Tgt Ion:216 Resp: 147590

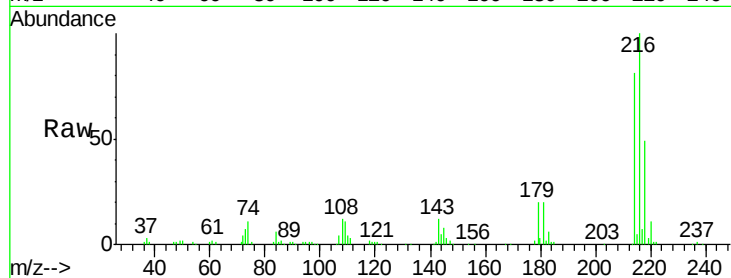
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 22.1 17.8 26.8

108 20.4 16.2 24.2

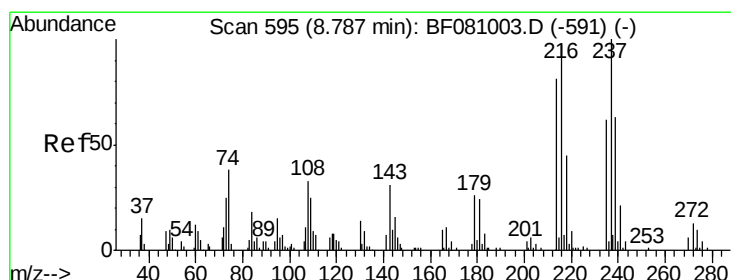
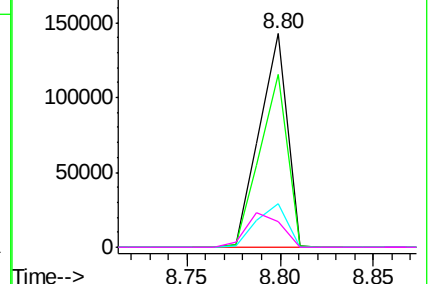
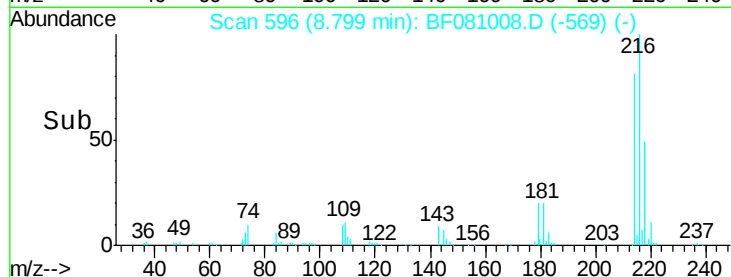


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.63 ng

RT: 8.79 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

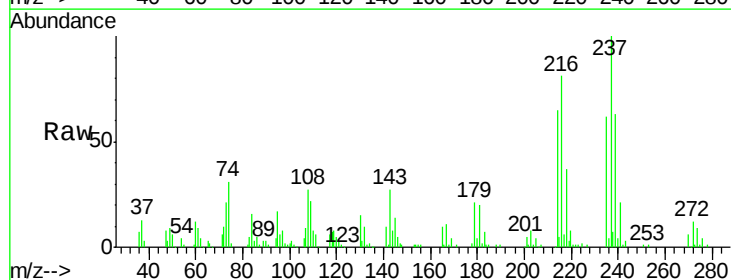
Tgt Ion:237 Resp: 81312

Ion Ratio Lower Upper

237 100

235 62.3 43.6 83.6

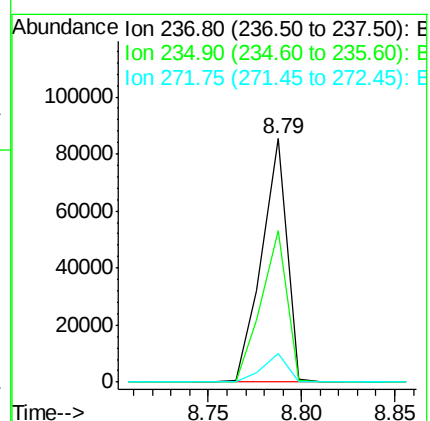
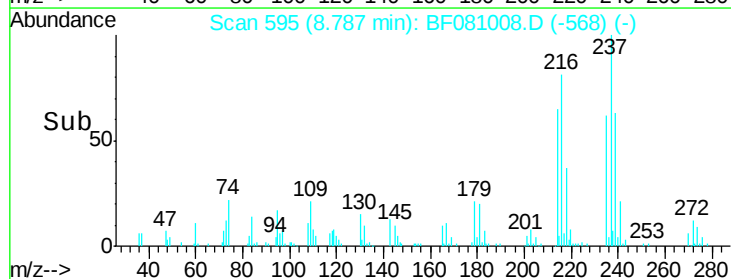
272 11.6 0.0 32.2

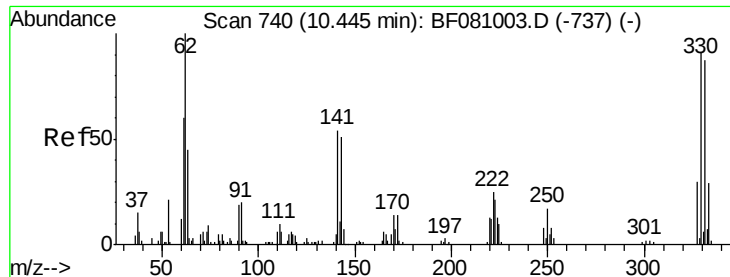


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

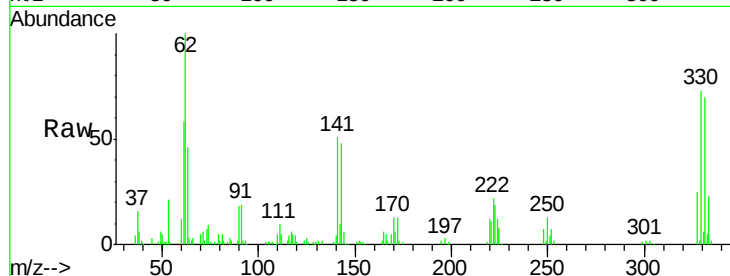




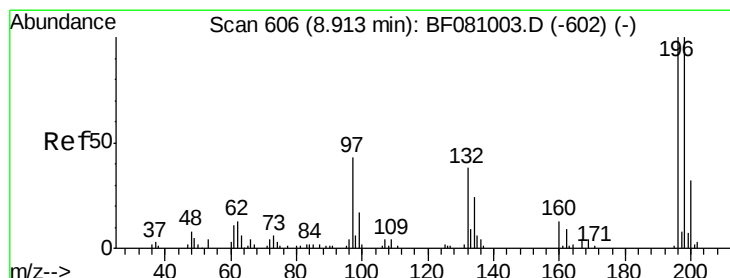
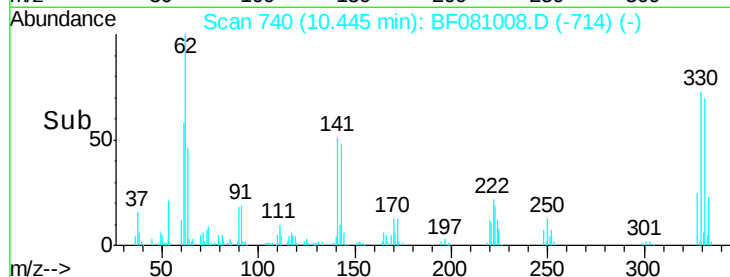
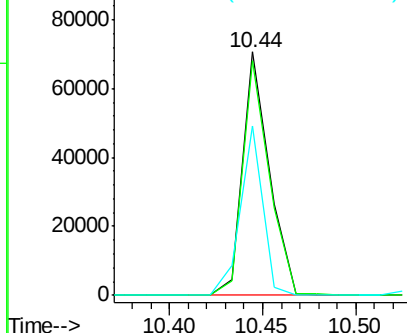
#41
 2,4,6-Tribromophenol
 Concen: 70.58 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion:330 Resp: 69883
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 59.1 44.9 67.3

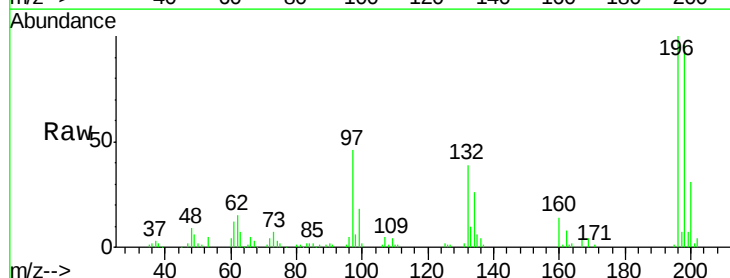


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

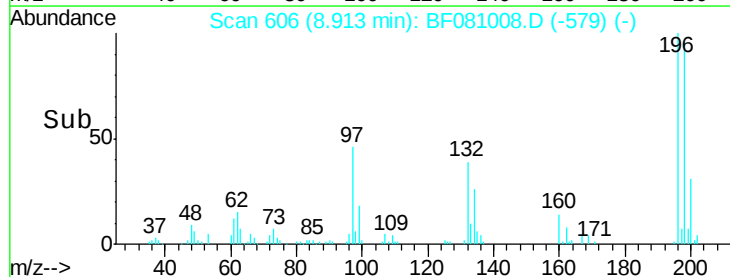
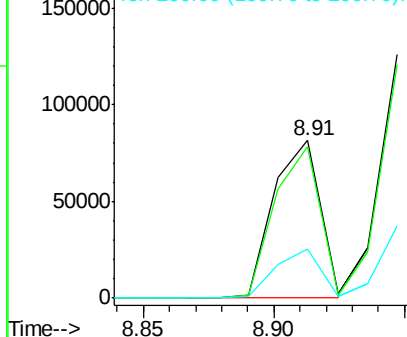


#42
 2,4,6-Trichlorophenol
 Concen: 38.88 ng
 RT: 8.91 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion:196 Resp: 101230
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 111.8
 200 31.0 22.7 34.1



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

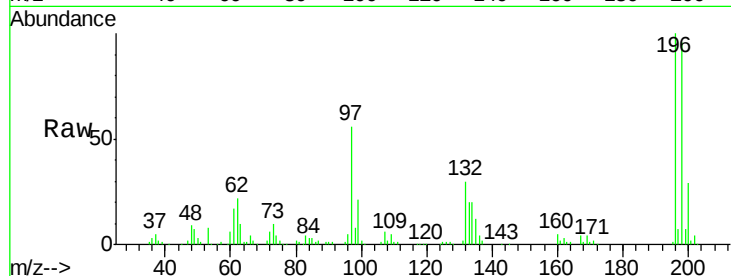




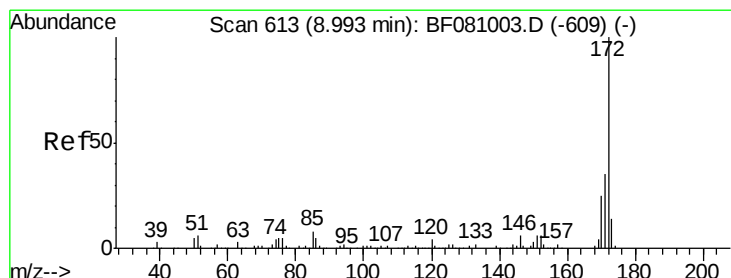
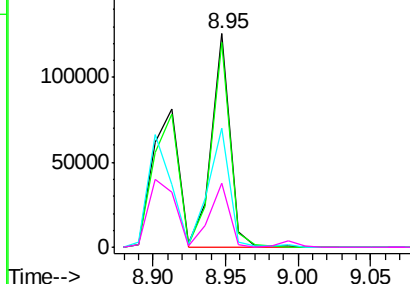
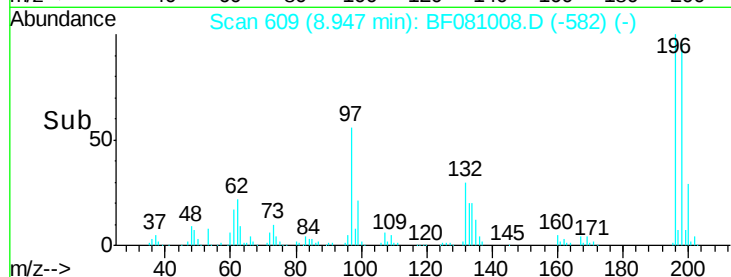
#43
 2,4,5-Trichlorophenol
 Concen: 43.02 ng
 RT: 8.95 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion:	196	Resp:	111932
Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.3	117.5
97	55.6	42.7	64.1
132	29.7	23.3	34.9

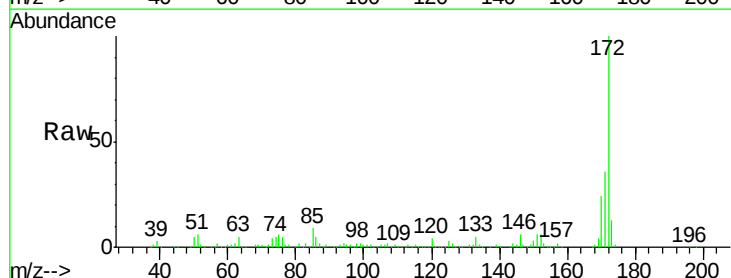


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

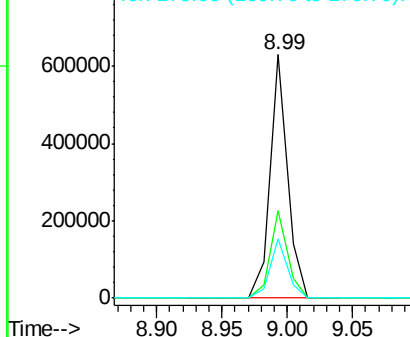
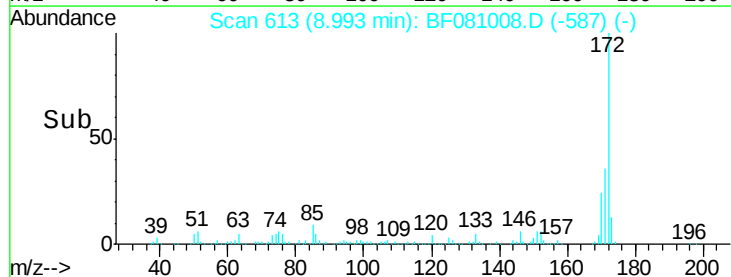


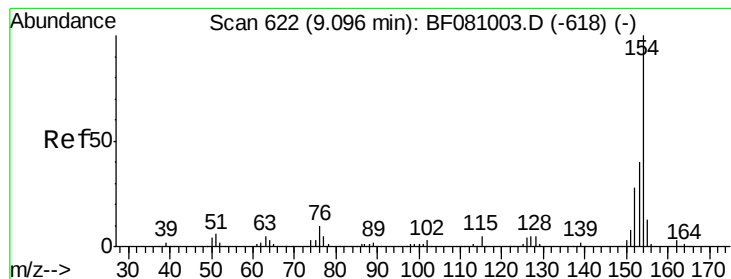
#44
 2-Fluorobiphenyl
 Concen: 68.37 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion:	172	Resp:	596036
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.2	19.4	29.2



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





#45

1,1'-Biphenyl

Concen: 42.96 ng

RT: 9.10 min Scan# 622

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

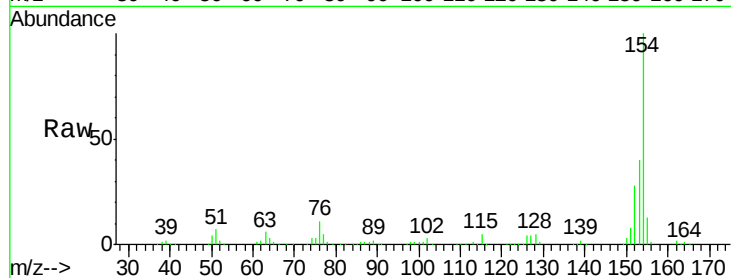
Tgt Ion:154 Resp: 432248

Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

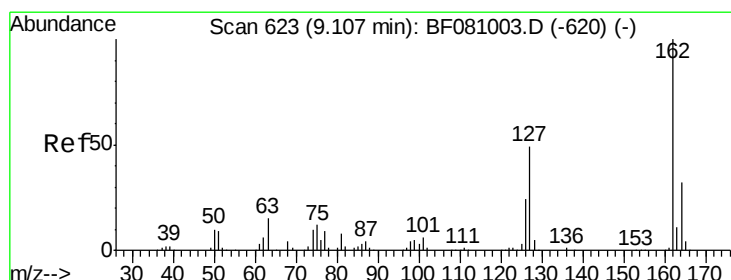
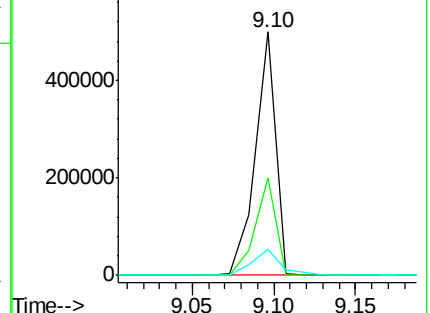
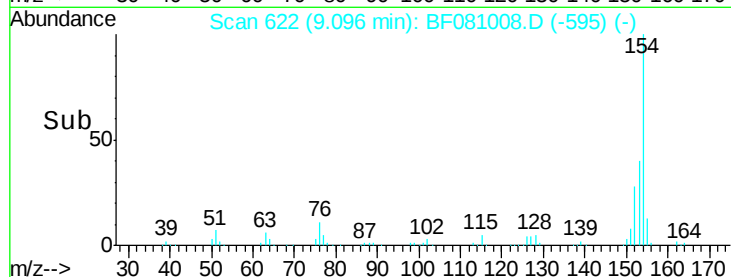
76 10.8 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.85 ng

RT: 9.12 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

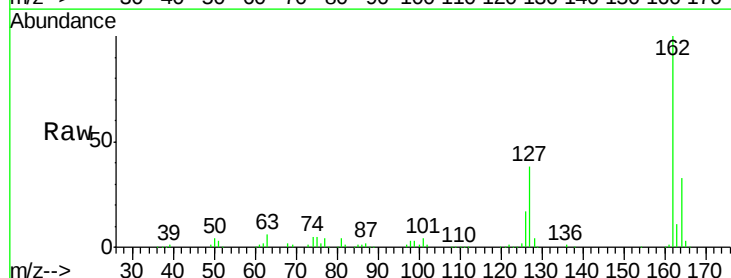
Tgt Ion:162 Resp: 314051

Ion Ratio Lower Upper

162 100

127 37.7 31.3 46.9

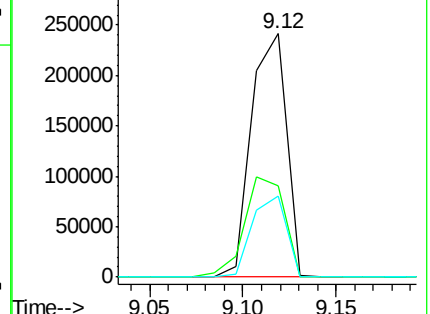
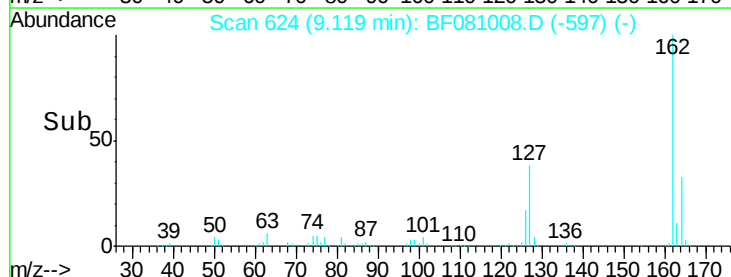
164 33.1 26.3 39.5

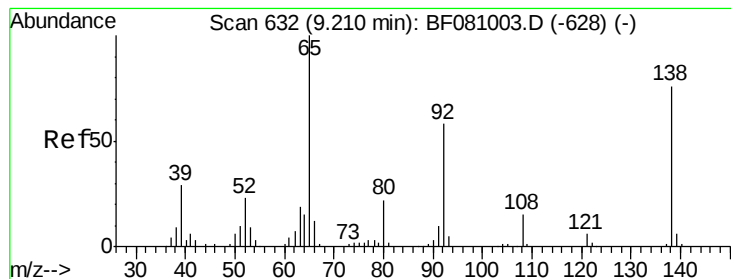


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.60 ng

RT: 9.21 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

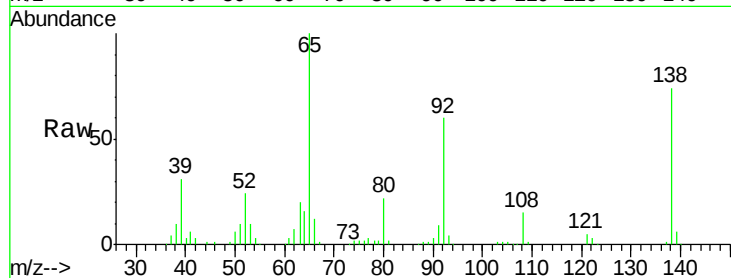
Tgt Ion: 65 Resp: 124367

Ion Ratio Lower Upper

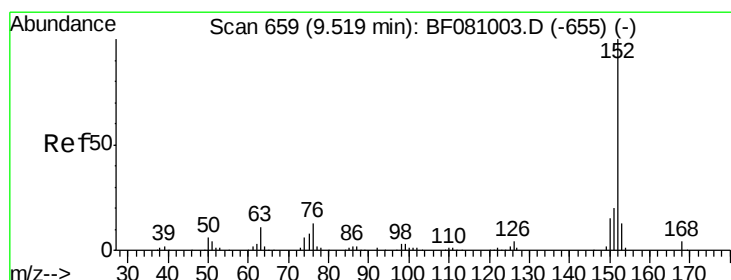
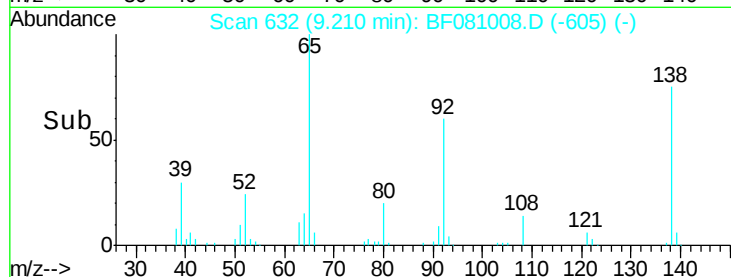
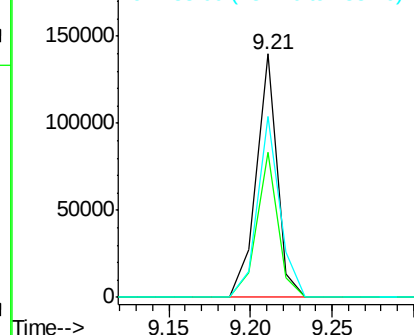
65 100

92 59.5 45.6 68.4

138 74.1 57.9 86.9



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



#48

Acenaphthylene

Concen: 36.58 ng

RT: 9.52 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

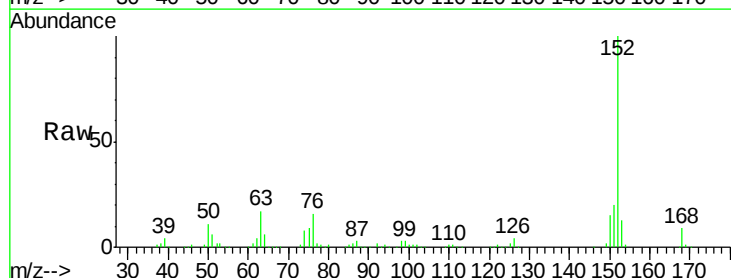
Tgt Ion: 152 Resp: 528927

Ion Ratio Lower Upper

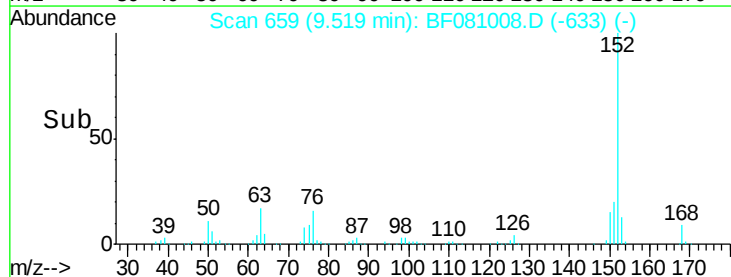
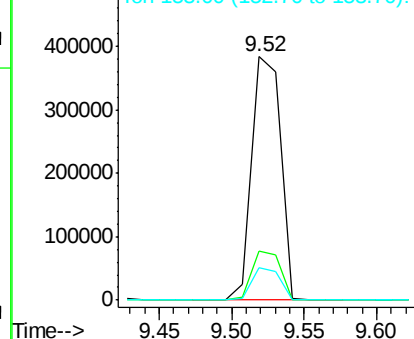
152 100

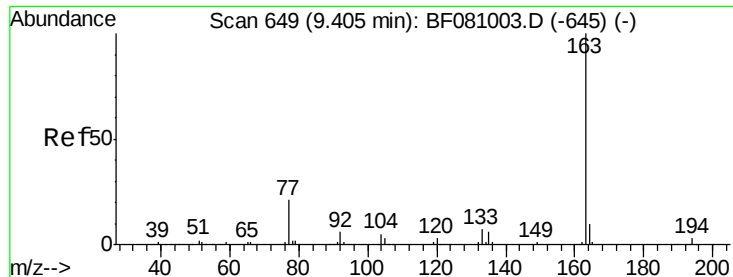
151 20.1 16.1 24.1

153 13.2 9.8 14.6



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





#49

Dimethylphthalate

Concen: 39.28 ng

RT: 9.40 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

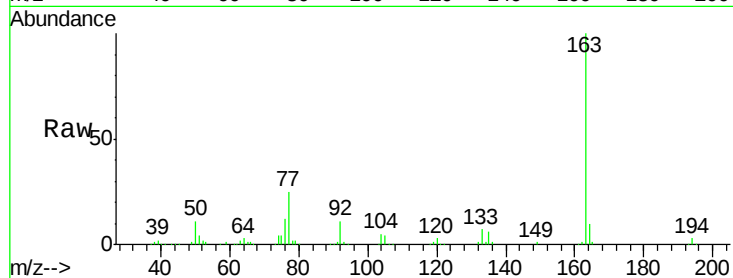
Tgt Ion:163 Resp: 369547

Ion Ratio Lower Upper

163 100

194 3.1 2.5 3.7

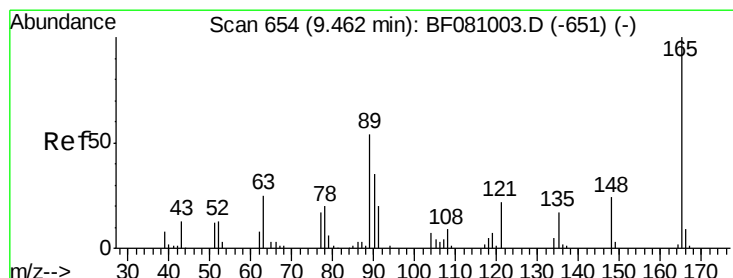
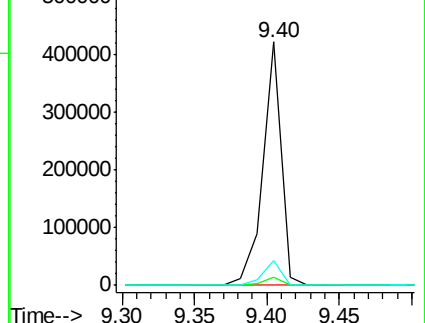
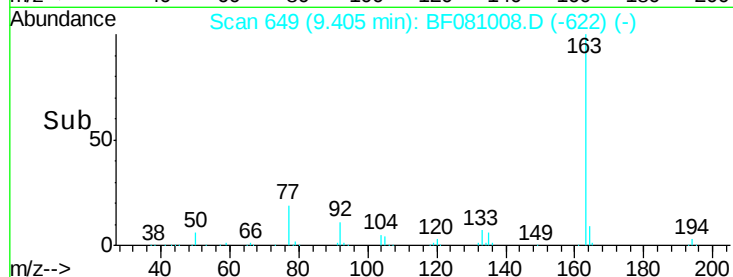
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.20 ng

RT: 9.46 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

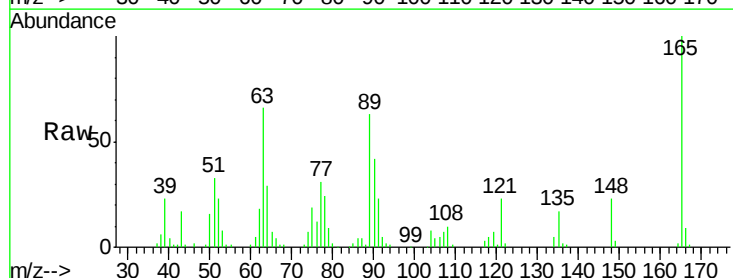
Tgt Ion:165 Resp: 85239

Ion Ratio Lower Upper

165 100

63 65.8 49.5 74.3

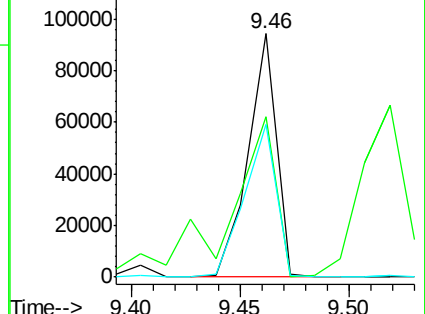
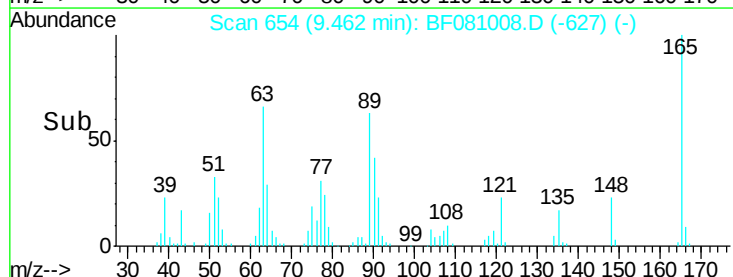
89 62.8 47.6 71.4

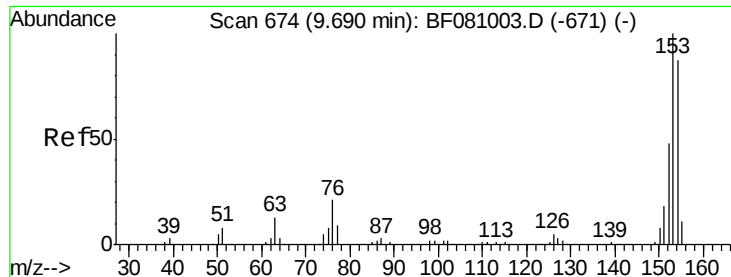


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

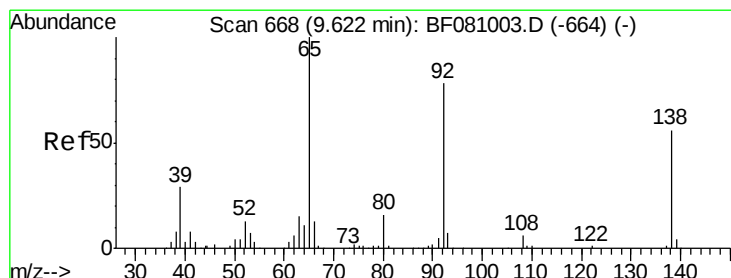
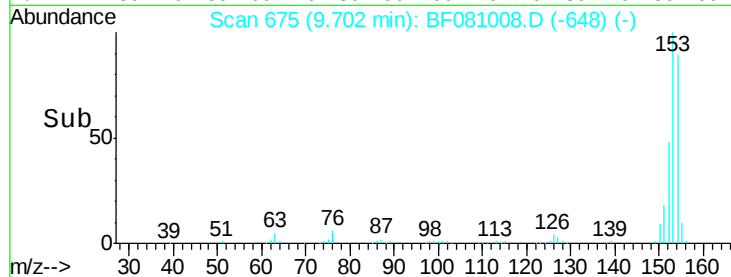
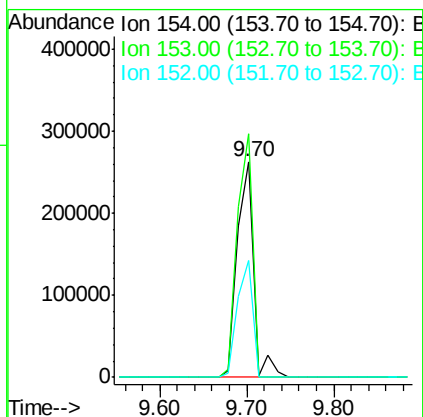
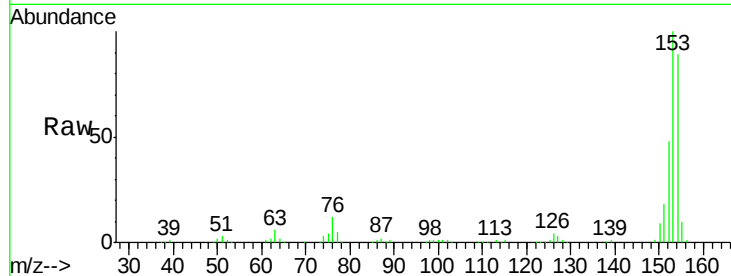




#51
Acenaphthene
Concen: 39.37 ng
RT: 9.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

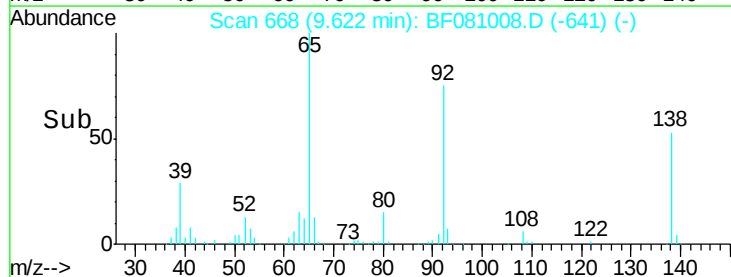
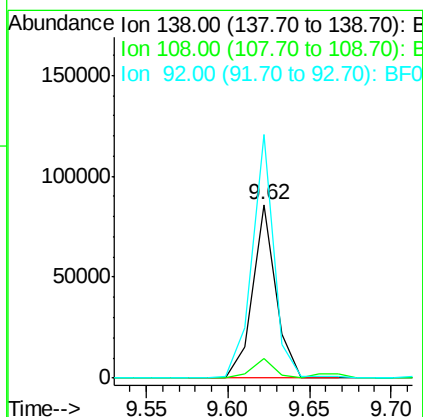
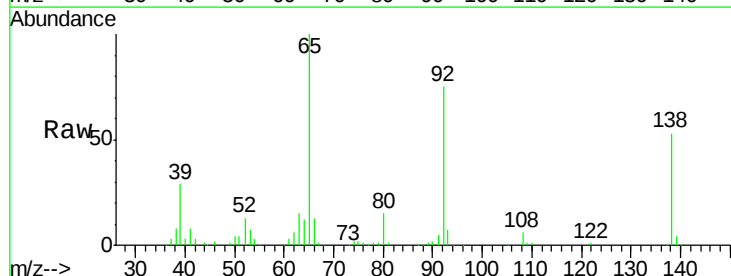
Instrument :
BNA_F
ClientSampleId :
ICVBF081715

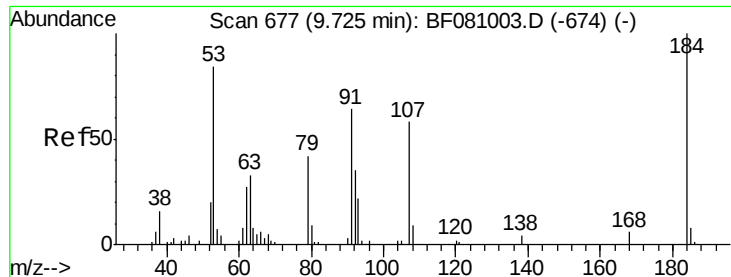
Tgt Ion:154 Resp: 340759
Ion Ratio Lower Upper
154 100
153 113.0 91.4 137.2
152 53.9 43.7 65.5



#52
3-Nitroaniline
Concen: 33.64 ng
RT: 9.62 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion:138 Resp: 85023
Ion Ratio Lower Upper
138 100
108 11.6 9.4 14.2
92 140.1 113.2 169.8

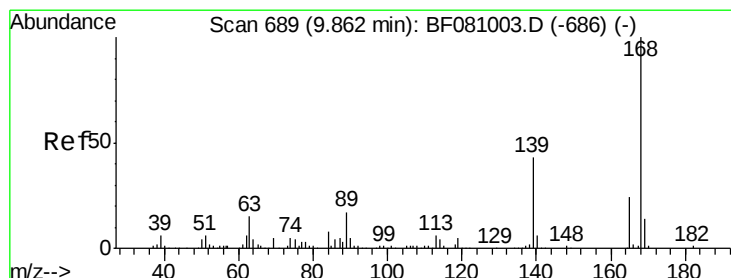
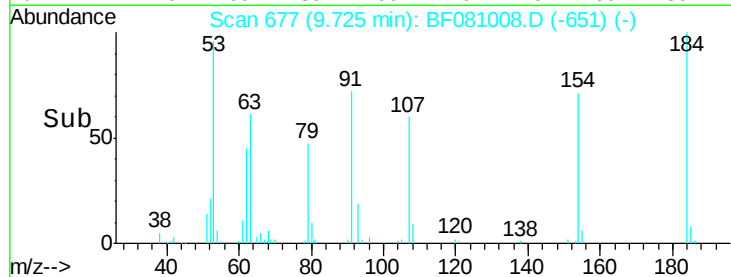
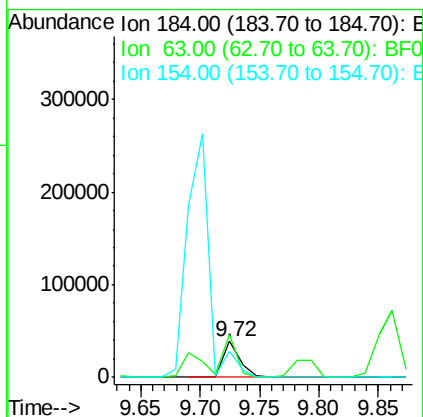
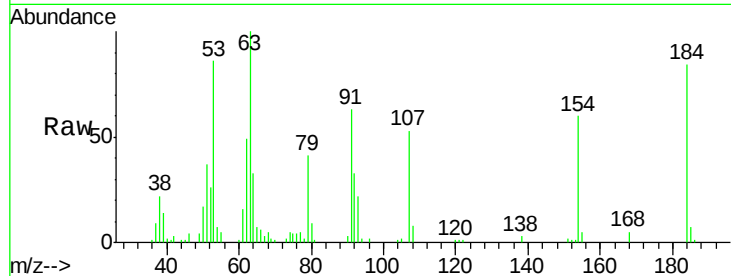




#53
 2,4-Dinitrophenol
 Concen: 39.24 ng
 RT: 9.72 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

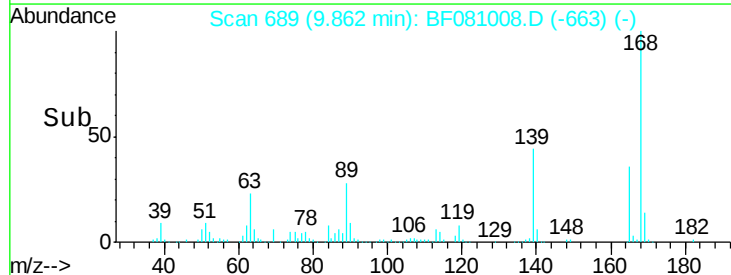
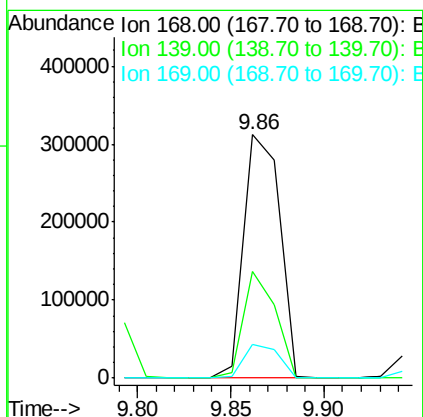
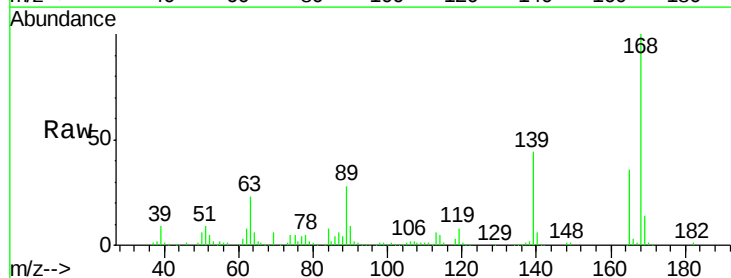
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion:184 Resp: 38299
 Ion Ratio Lower Upper
 184 100
 63 118.7 101.7 152.5
 154 71.3 67.4 101.0



#54
 Dibenzofuran
 Concen: 36.00 ng
 RT: 9.86 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion:168 Resp: 417614
 Ion Ratio Lower Upper
 168 100
 139 43.8 29.3 43.9
 169 13.9 10.3 15.5





#55

4-Nitrophenol

Concen: 45.13 ng

RT: 9.79 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

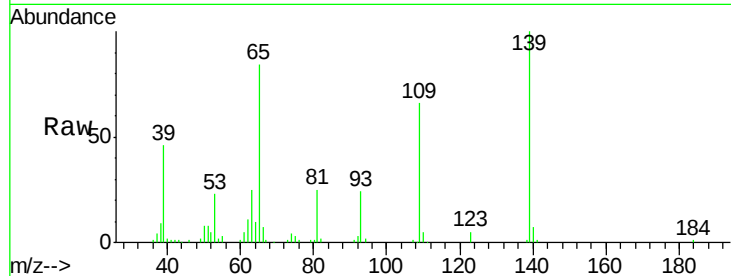
Tgt Ion:139 Resp: 80114

Ion Ratio Lower Upper

139 100

109 65.9 80.0 120.0#

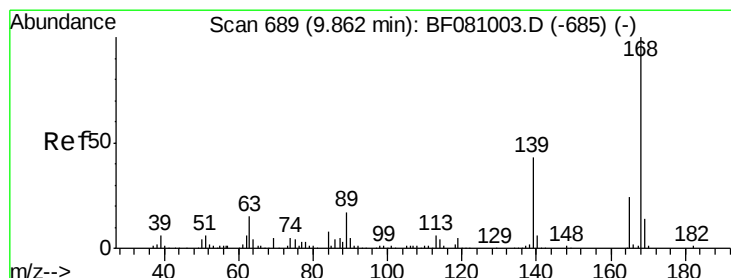
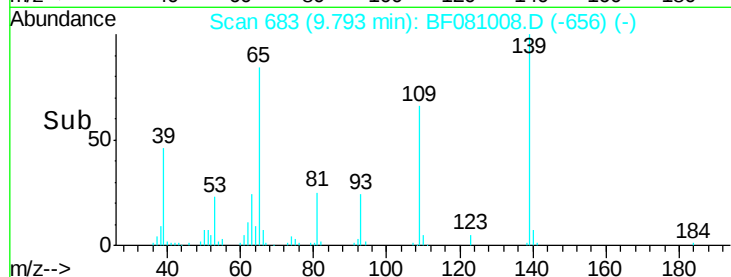
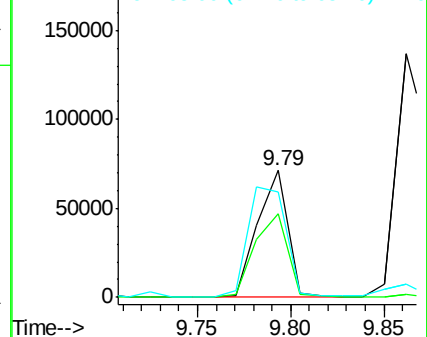
65 83.6 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.69 ng

RT: 9.86 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Tgt Ion:165 Resp: 114285

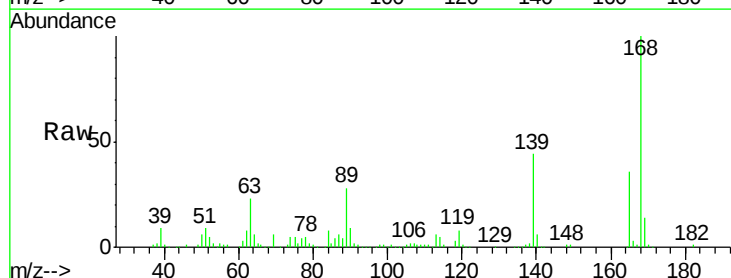
Ion Ratio Lower Upper

165 100

63 64.9 52.2 78.4

89 78.4 60.1 90.1

182 2.2 1.8 2.6

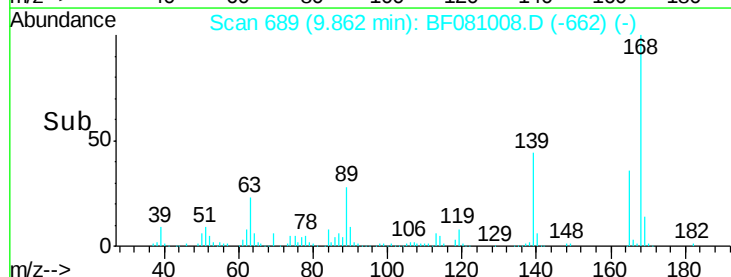
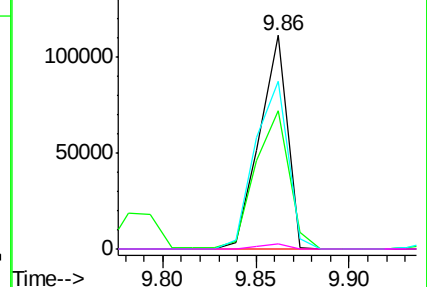


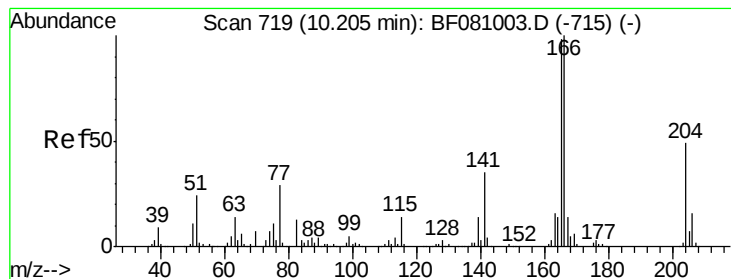
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.36 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

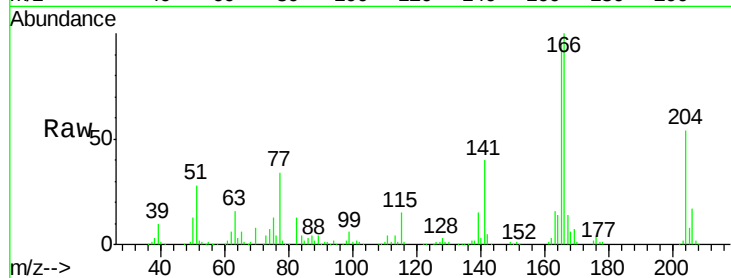
Tgt Ion:166 Resp: 306621

Ion Ratio Lower Upper

166 100

165 95.8 75.8 113.8

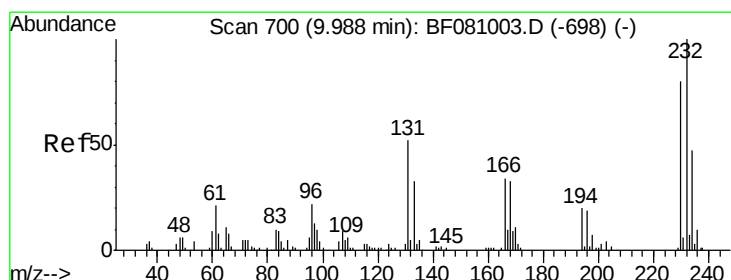
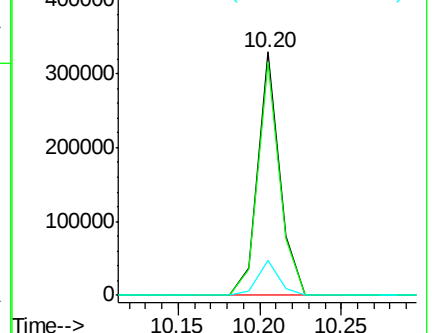
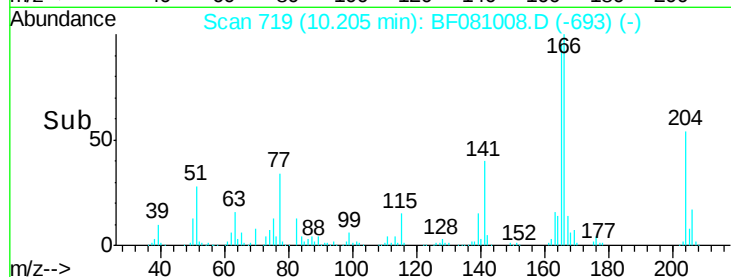
167 14.4 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.96 ng

RT: 9.94 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Tgt Ion:232 Resp: 80481

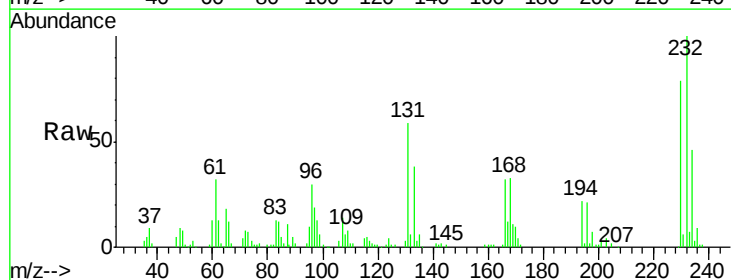
Ion Ratio Lower Upper

232 100

131 52.6 42.2 63.4

130 2.9 2.1 3.1

166 28.9 22.4 33.6

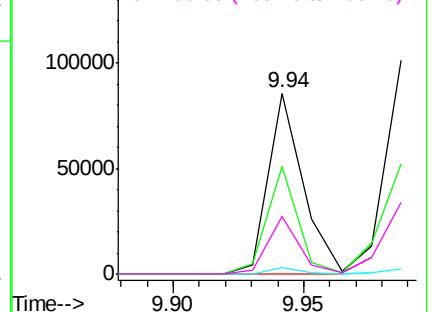
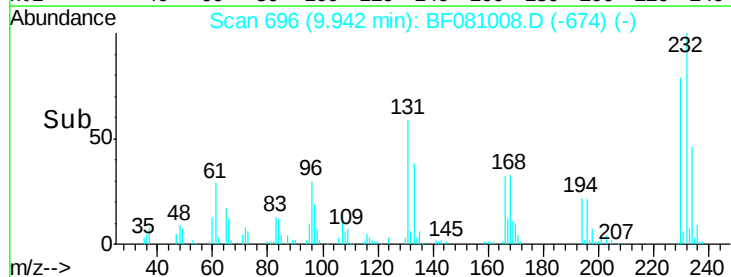


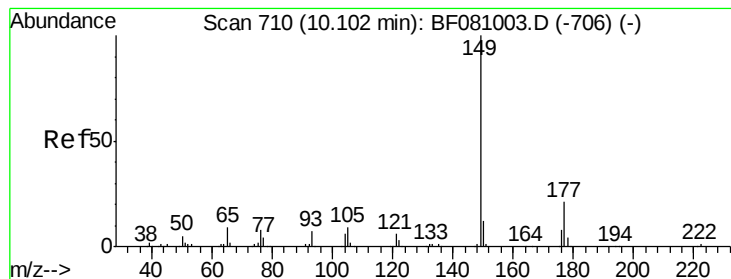
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.79 ng

RT: 10.10 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

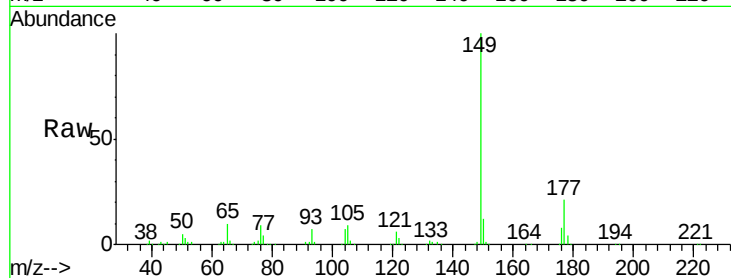
Tgt Ion:149 Resp: 396168

Ion Ratio Lower Upper

149 100

177 20.9 14.1 21.1

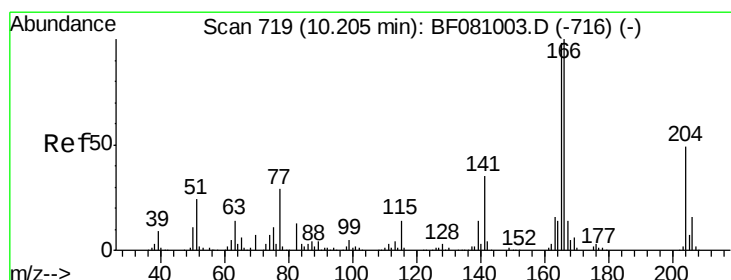
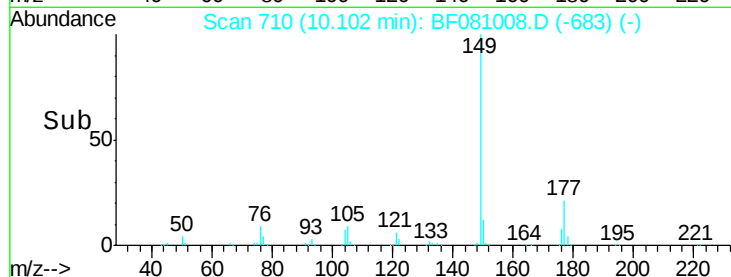
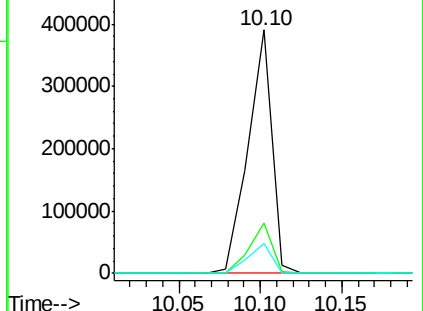
150 12.2 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.03 ng

RT: 10.20 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

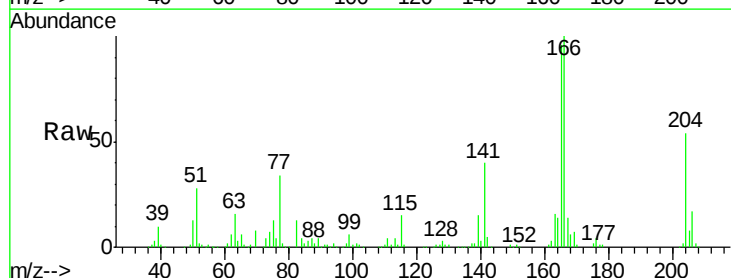
Tgt Ion:204 Resp: 143596

Ion Ratio Lower Upper

204 100

206 31.5 26.2 39.2

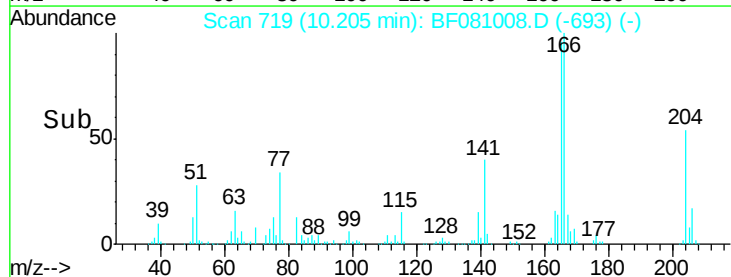
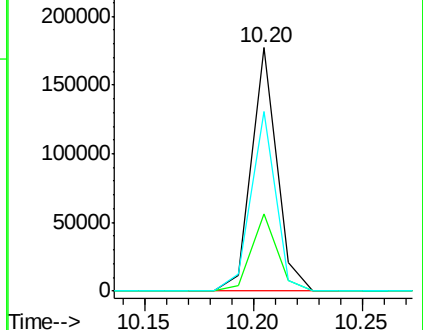
141 73.9 59.6 89.4

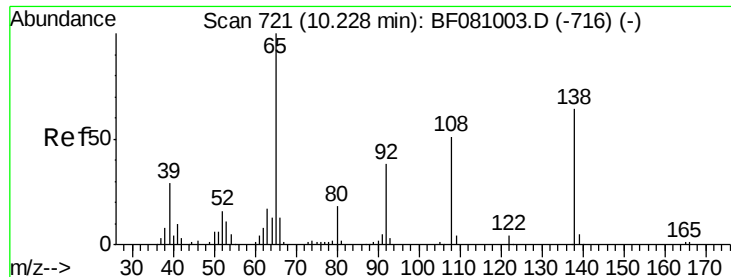


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.87 ng

RT: 10.24 min Scan# 722

Delta R.T. 0.02 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

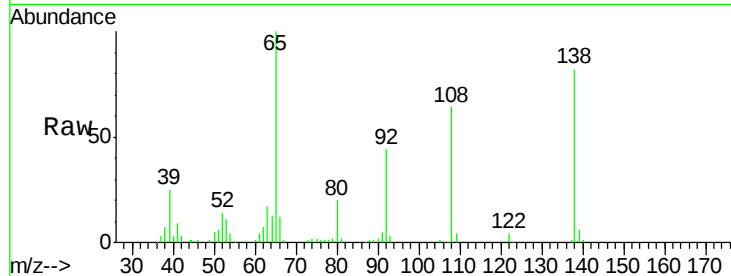
Tgt Ion:138 Resp: 110739

Ion Ratio Lower Upper

138 100

92 53.0 34.7 74.7

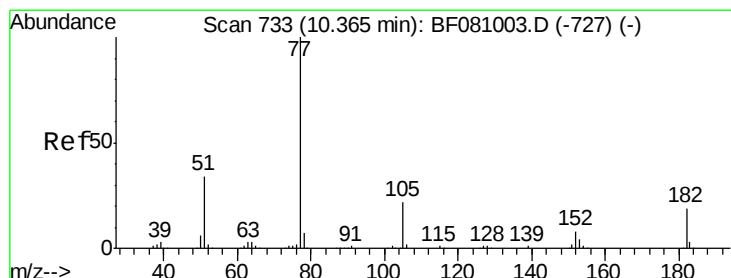
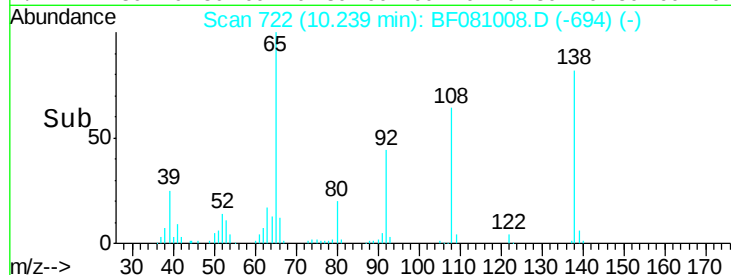
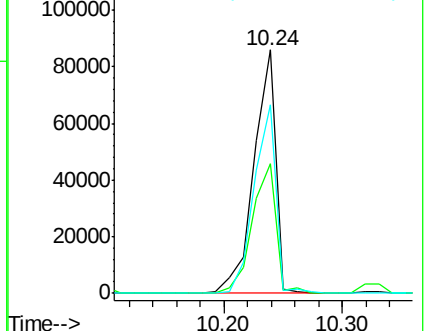
108 77.2 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.80 ng

RT: 10.36 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Tgt Ion: 77 Resp: 468173

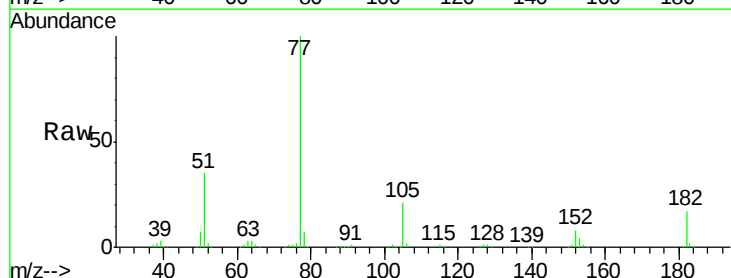
Ion Ratio Lower Upper

77 100

182 17.5 0.0 39.0

105 21.0 0.2 40.2

51 34.7 18.0 58.0

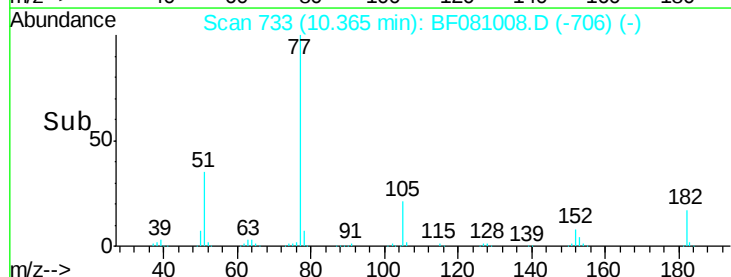
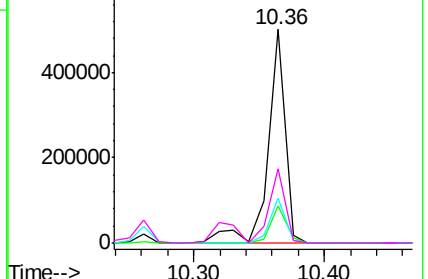


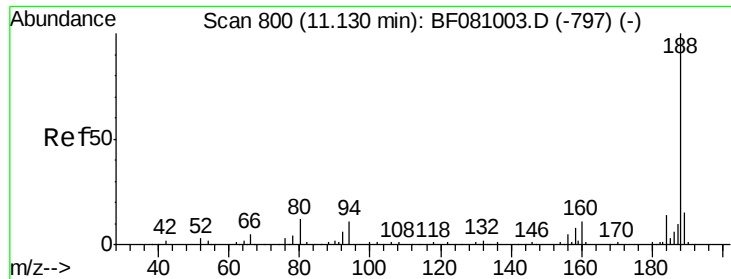
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

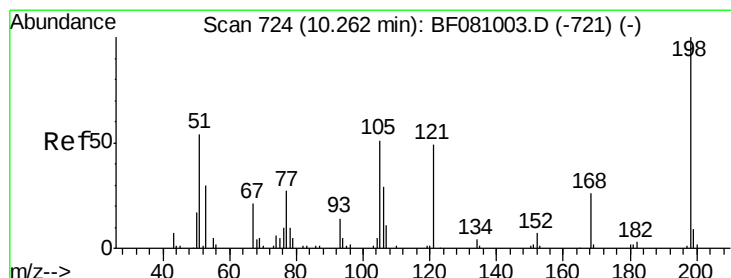
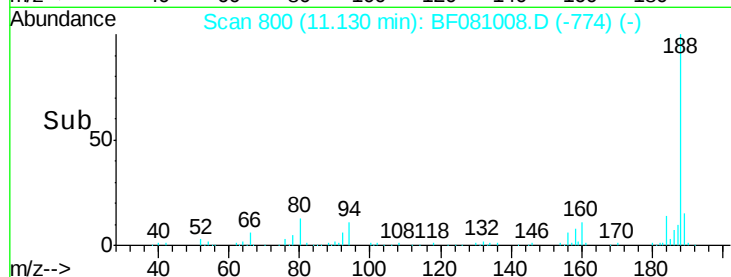
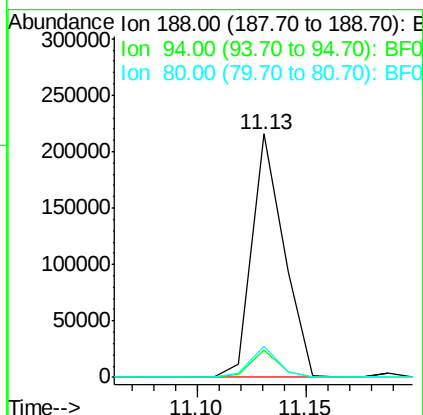
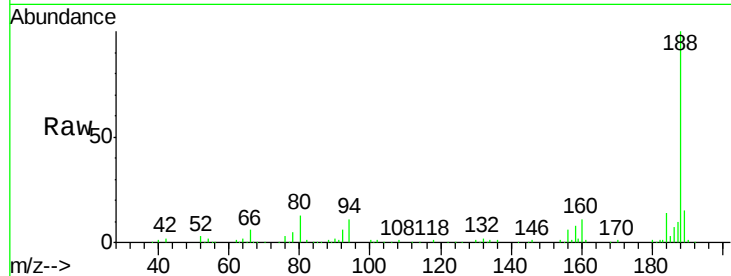




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

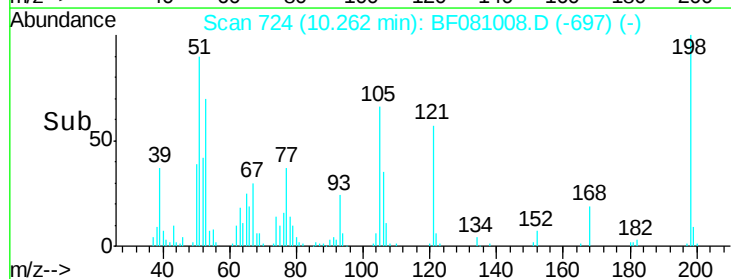
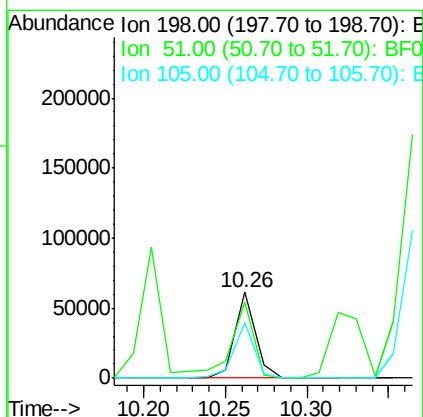
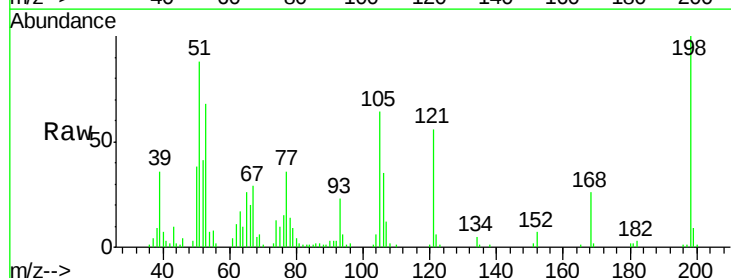
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

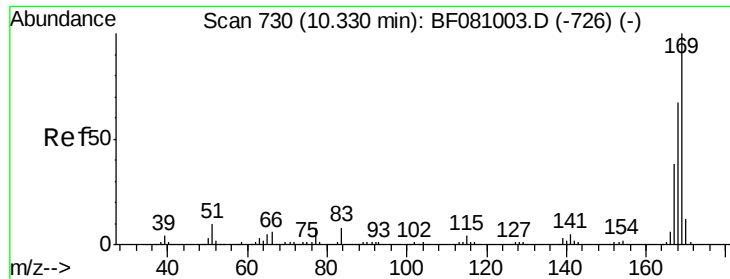
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.2	12.2
80	12.8	9.5	14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.24 ng
 RT: 10.26 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	88.0	79.7	119.7
105	64.2	47.0	87.0

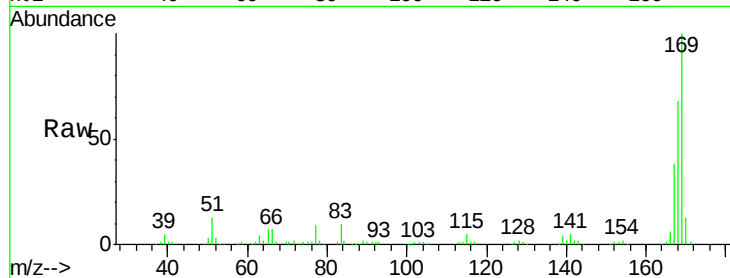




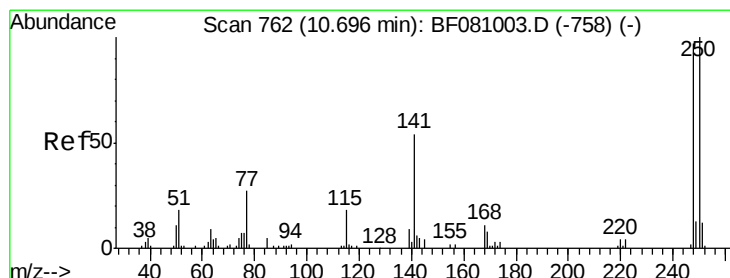
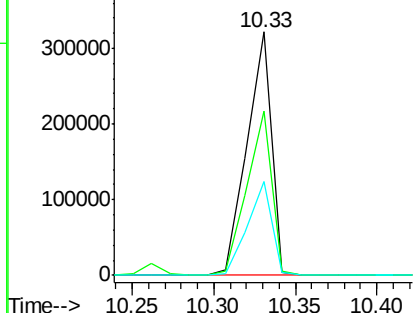
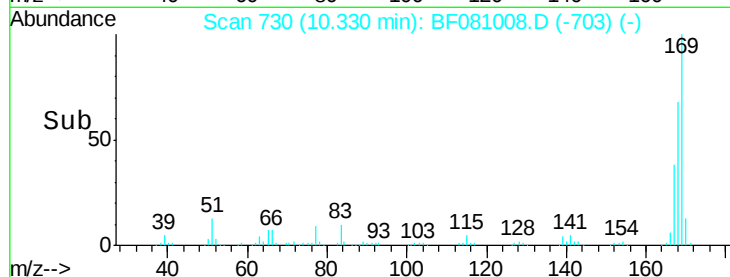
#65
 n-Nitrosodiphenylamine
 Concen: 42.47 ng
 RT: 10.33 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion:169 Resp: 335245
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.3 82.9
 167 38.4 30.8 46.2

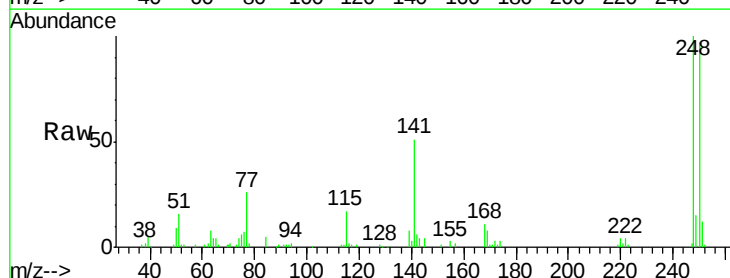


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

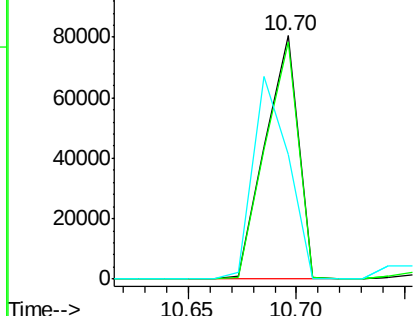
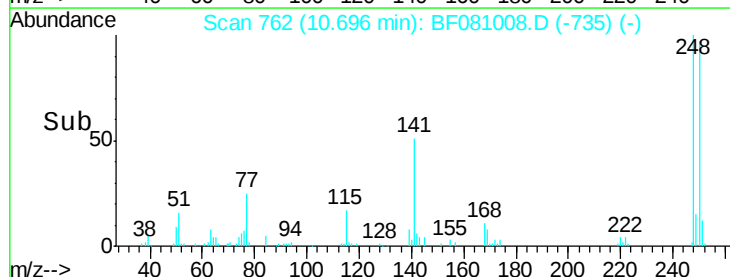


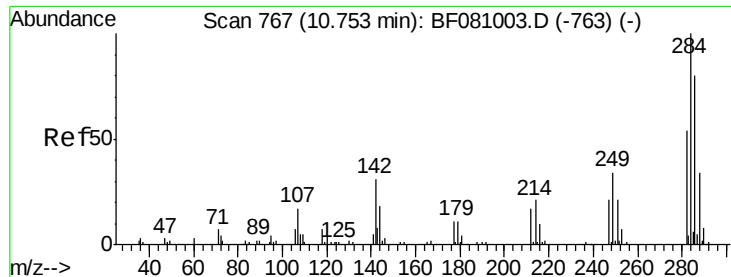
#66
 4-Bromophenyl-phenylether
 Concen: 39.64 ng
 RT: 10.70 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion:248 Resp: 86126
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.8 116.6
 141 51.1 39.8 59.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

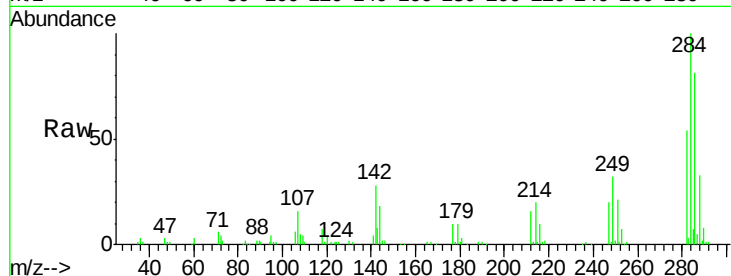




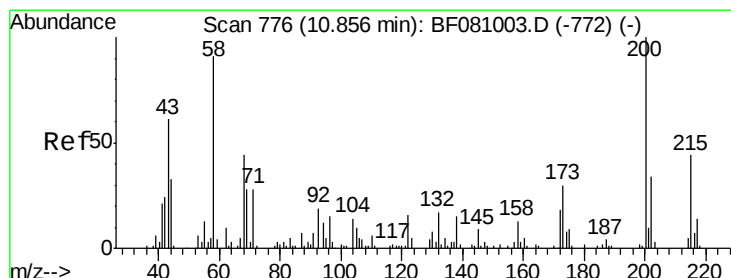
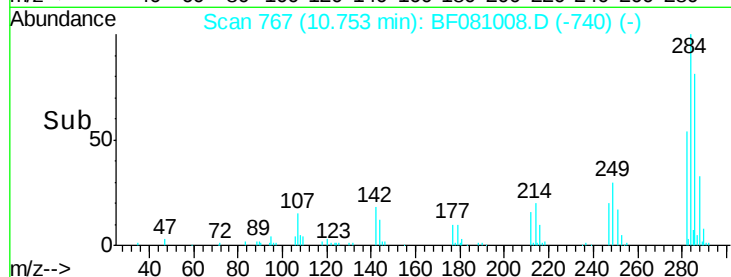
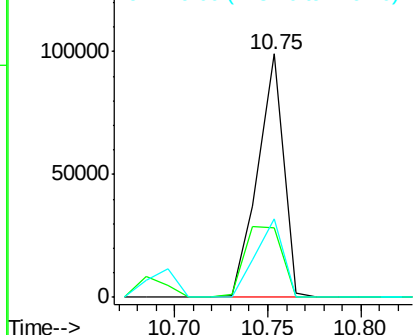
#67
Hexachlorobenzene
Concen: 43.16 ng
RT: 10.75 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF081715

Tgt Ion:284 Resp: 94974
Ion Ratio Lower Upper
284 100
142 28.4 25.4 38.0
249 32.2 28.5 42.7

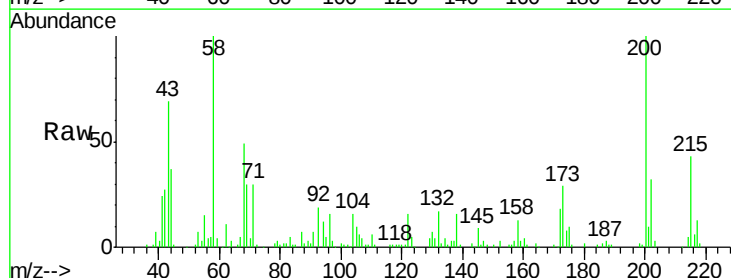


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

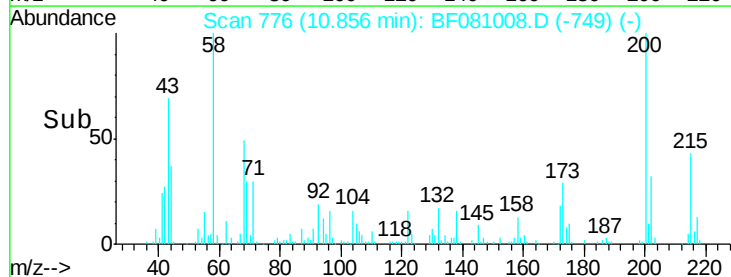
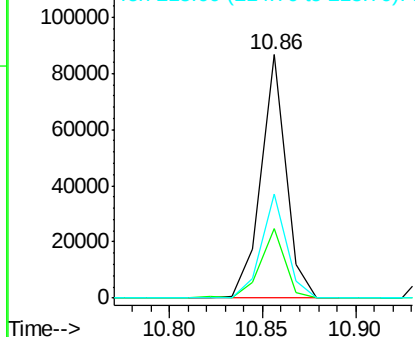


#68
Atrazine
Concen: 36.35 ng
RT: 10.86 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion:200 Resp: 79963
Ion Ratio Lower Upper
200 100
173 28.8 8.1 48.1
215 42.6 23.3 63.3



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

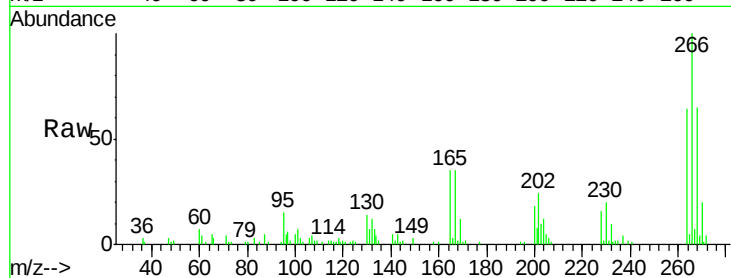




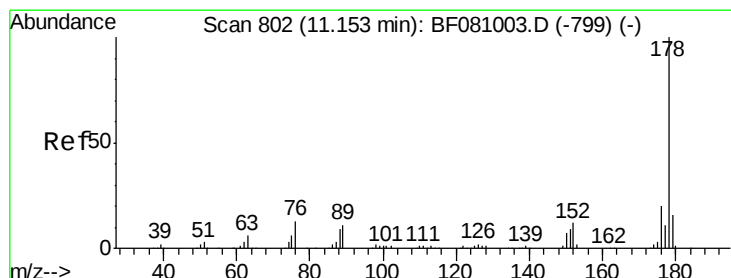
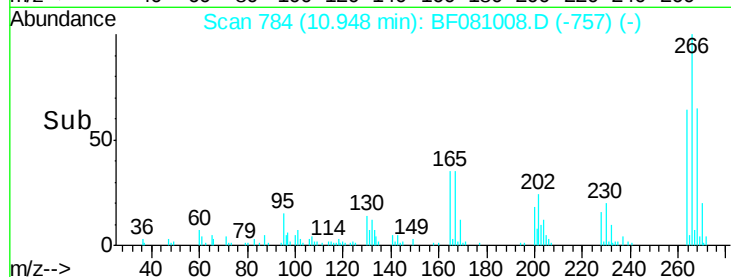
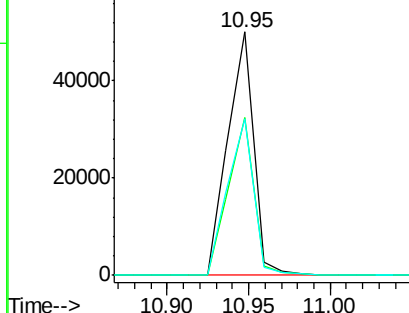
#69
 Pentachlorophenol
 Concen: 41.42 ng
 RT: 10.95 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion: 266 Resp: 54680
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.2 76.8
 264 64.2 50.6 75.8

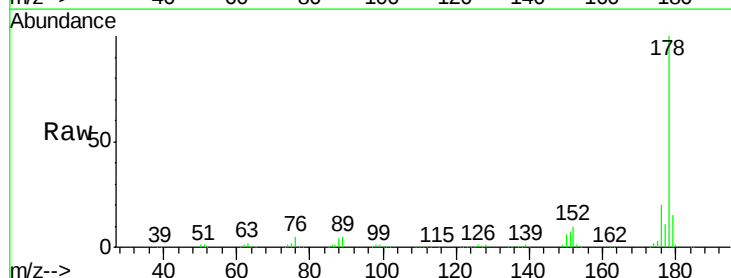


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

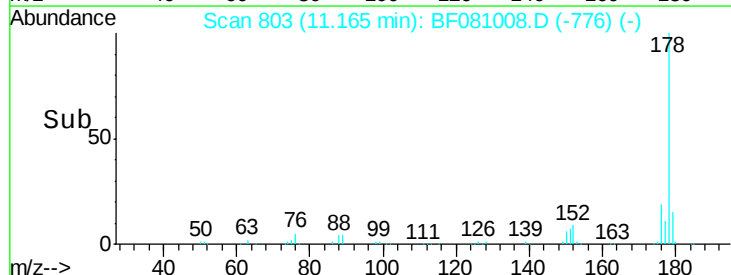
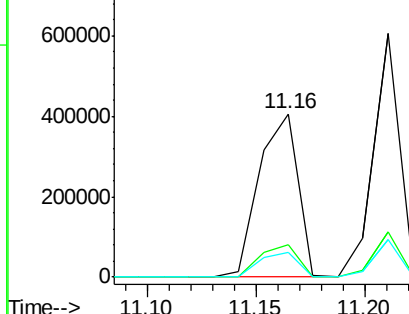


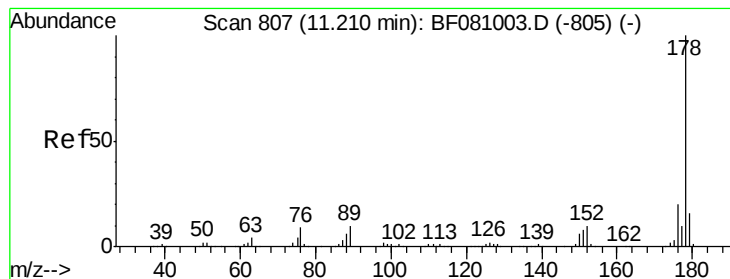
#70
 Phenanthrene
 Concen: 38.74 ng
 RT: 11.16 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion: 178 Resp: 507751
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.3 12.2 18.2



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





#71

Anthracene

Concen: 39.79 ng

RT: 11.21 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

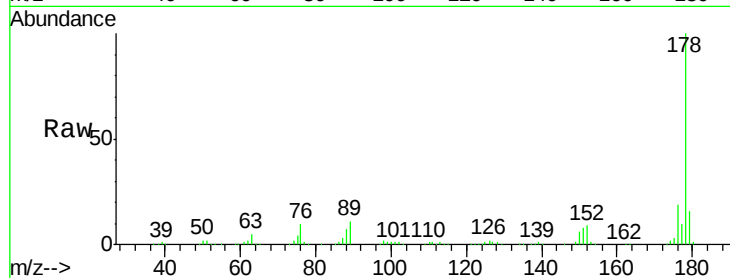
Tgt Ion:178 Resp: 507517

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

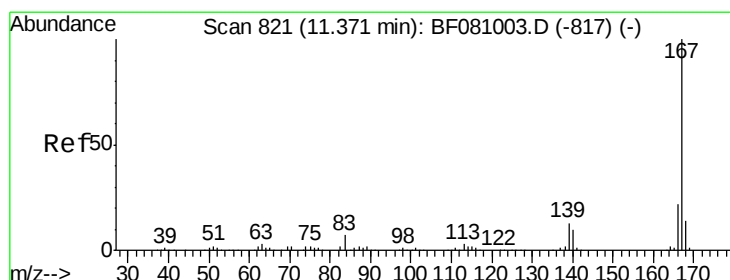
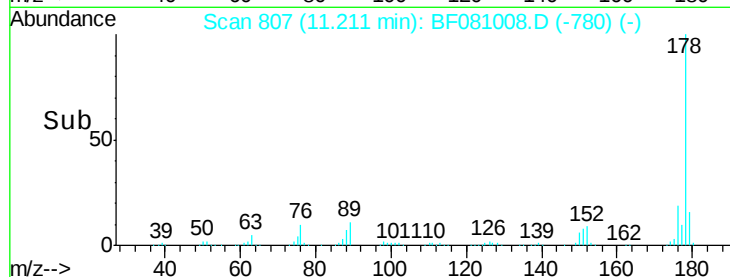
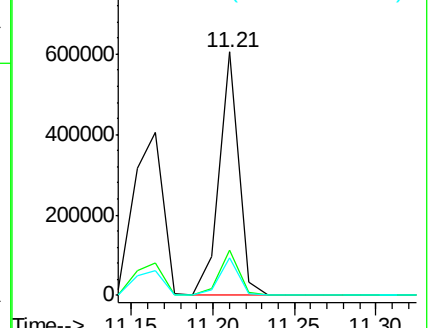
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.41 ng

RT: 11.37 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

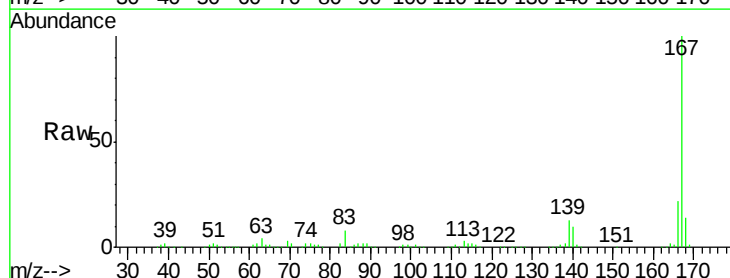
Tgt Ion:167 Resp: 533085

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

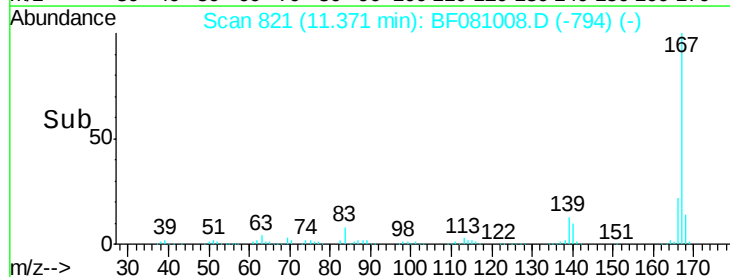
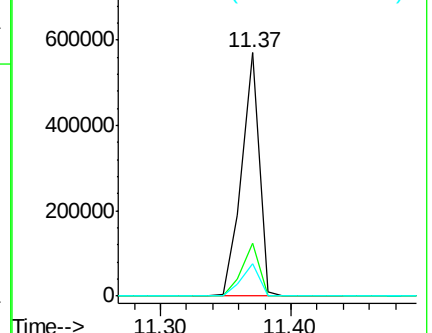
139 13.3 10.6 16.0

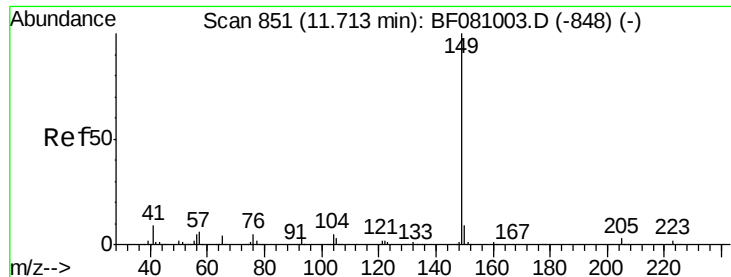


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.65 ng

RT: 11.71 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

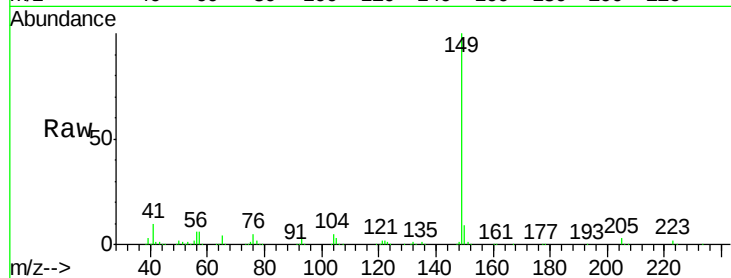
Tgt Ion:149 Resp: 589154

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

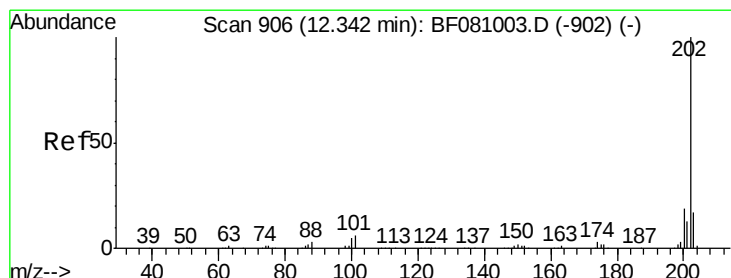
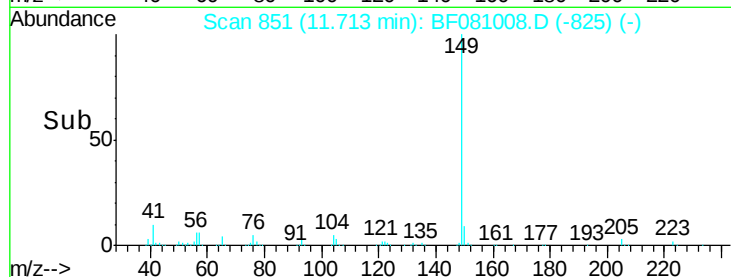
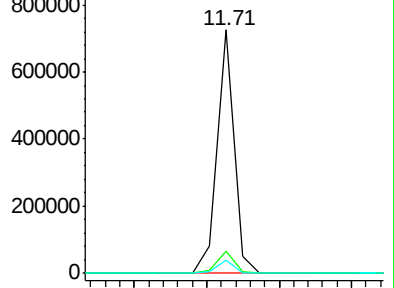
104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.69 ng

RT: 12.34 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

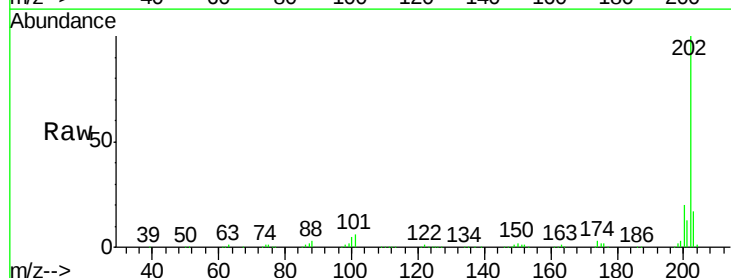
Tgt Ion:202 Resp: 589662

Ion Ratio Lower Upper

202 100

101 6.4 0.0 24.8

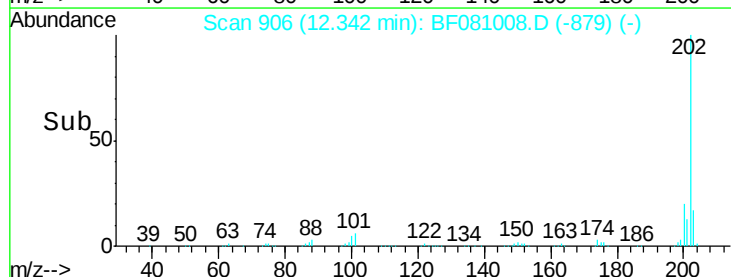
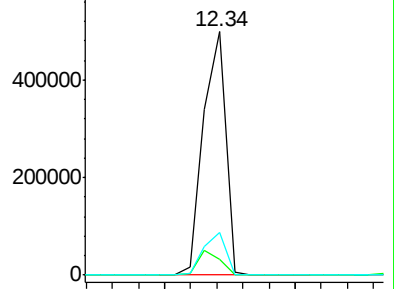
203 17.4 0.0 36.9

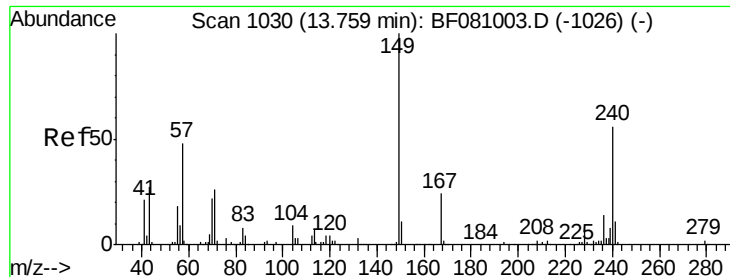


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

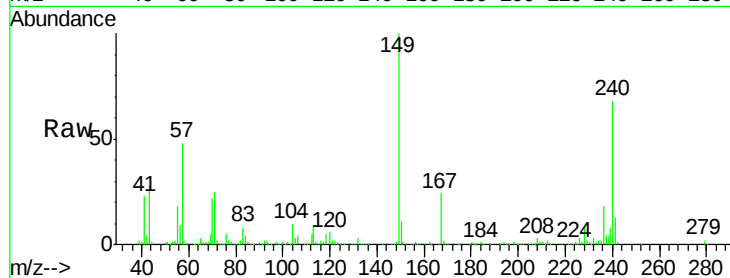
Tgt Ion:240 Resp: 180821

Ion Ratio Lower Upper

240 100

120 8.1 5.6 8.4

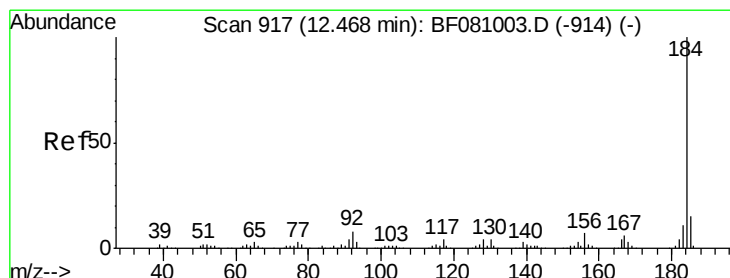
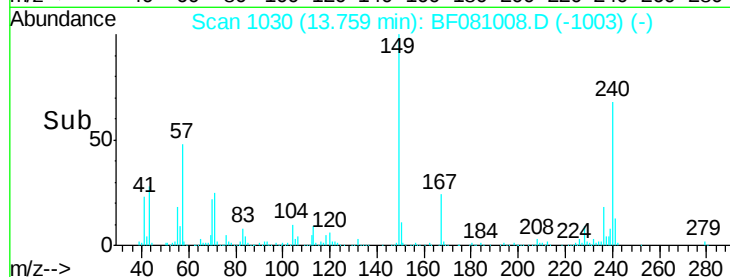
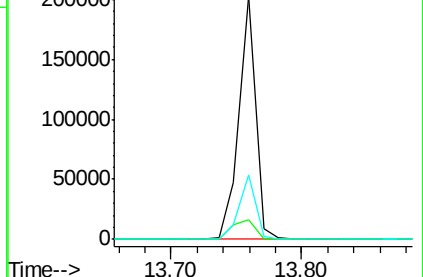
236 26.4 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.39 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

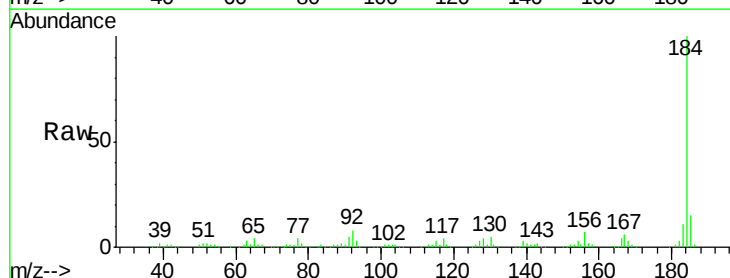
Tgt Ion:184 Resp: 275872

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

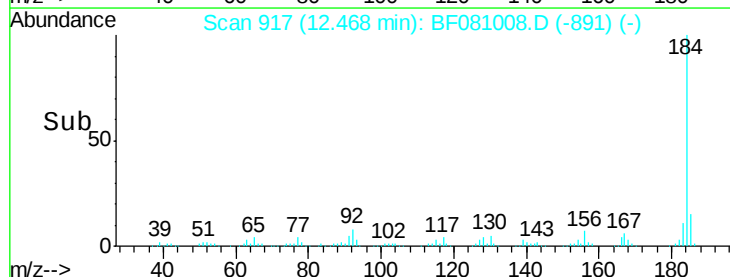
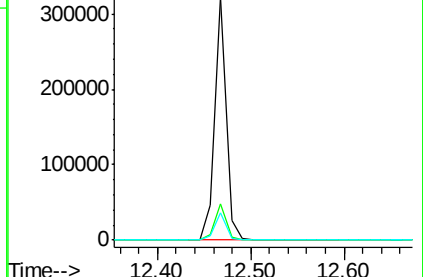
183 11.0 8.9 13.3

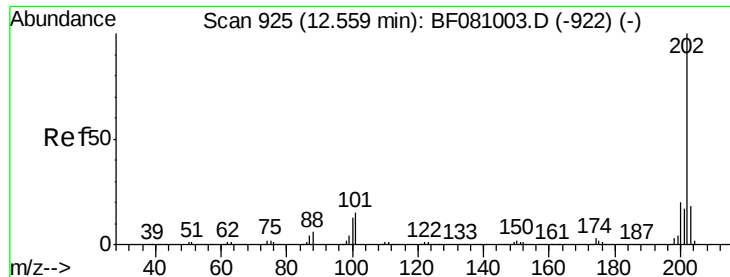


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

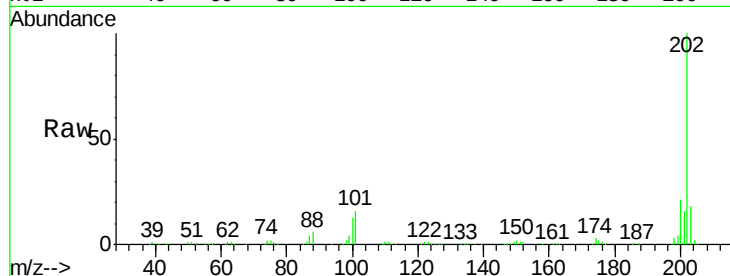




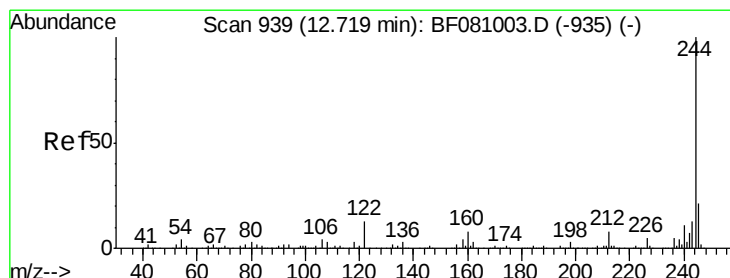
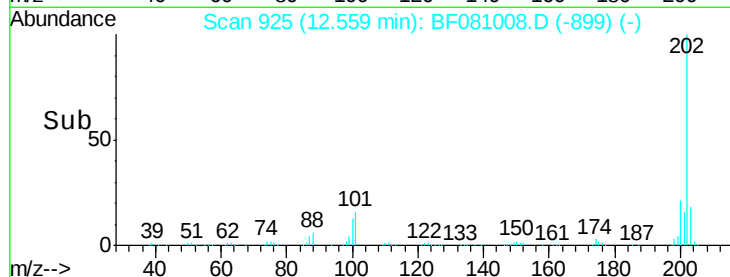
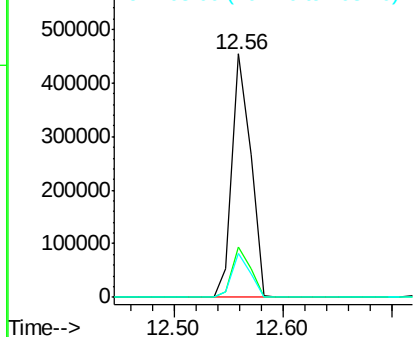
#77
 Pyrene
 Concen: 36.36 ng
 RT: 12.56 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	18.2	14.1	21.1

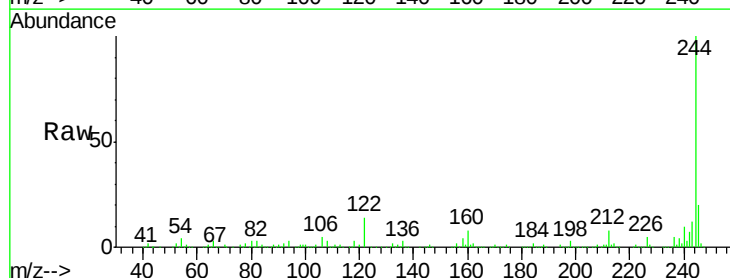


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

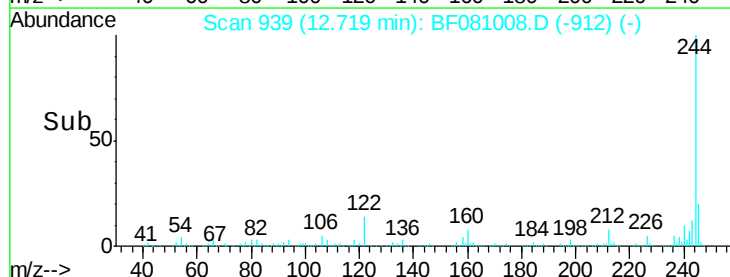
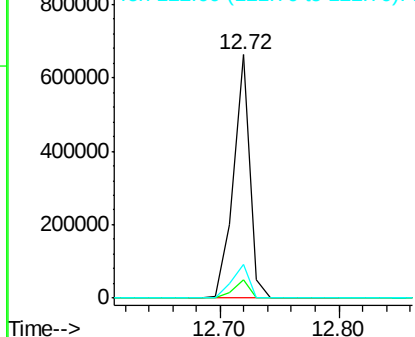


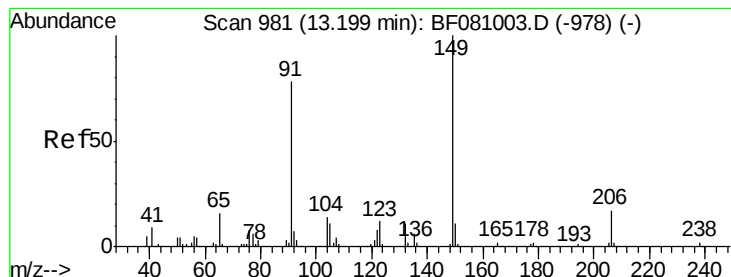
#78
 Terphenyl-d14
 Concen: 74.90 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.7	8.2	12.4#



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





#79

Butylbenzylphthalate

Concen: 41.25 ng

RT: 13.20 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

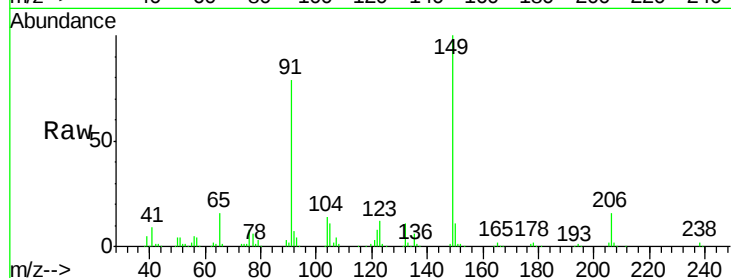
Tgt Ion:149 Resp: 260655

Ion Ratio Lower Upper

149 100

91 79.0 46.9 70.3#

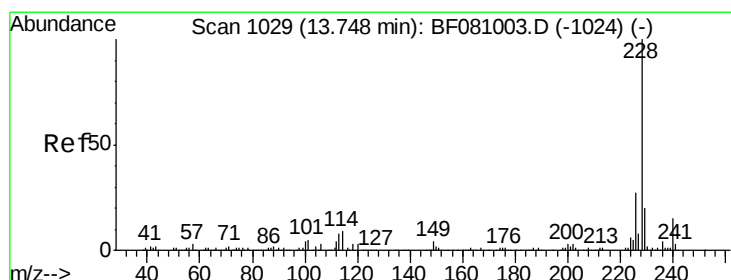
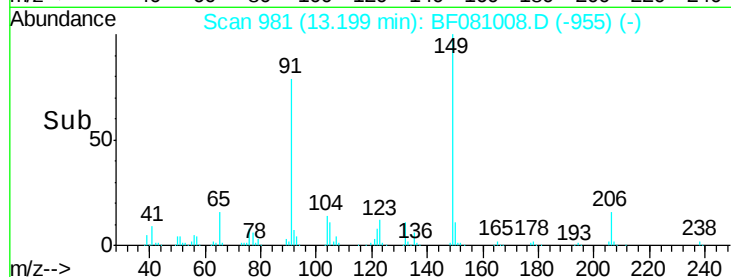
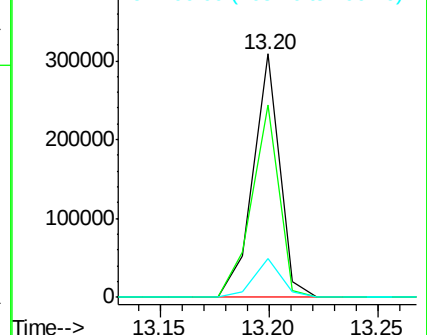
206 15.9 17.0 25.4#



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: 38.78 ng

RT: 13.75 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

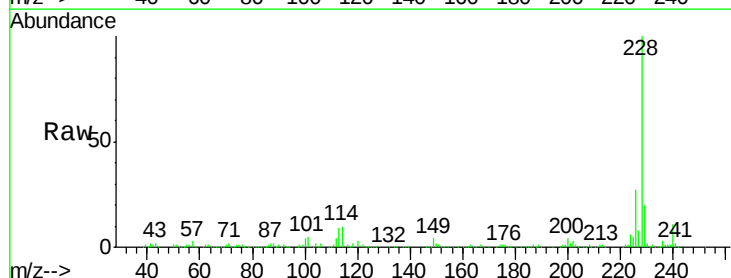
Tgt Ion:228 Resp: 470282

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

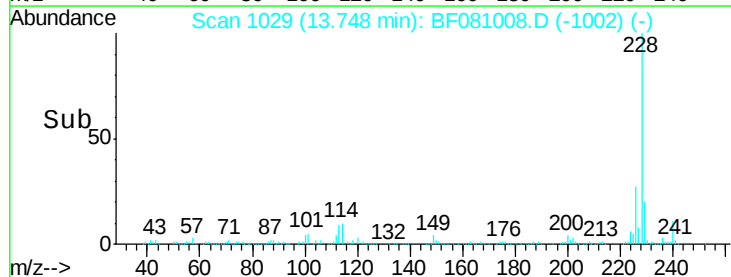
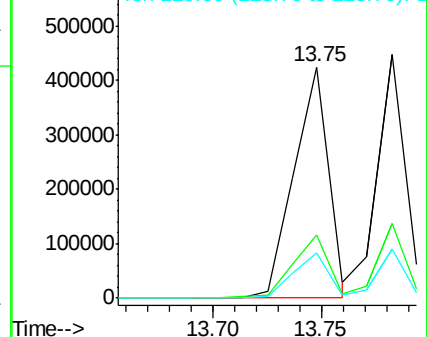
229 19.6 15.9 23.9



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

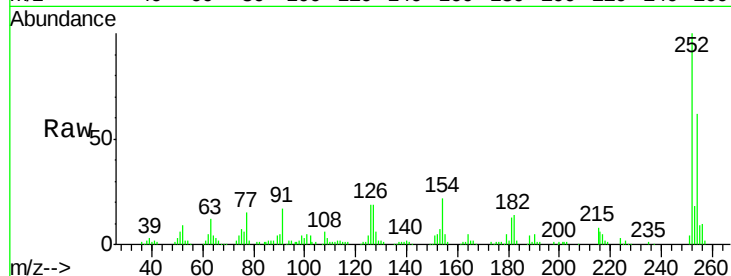




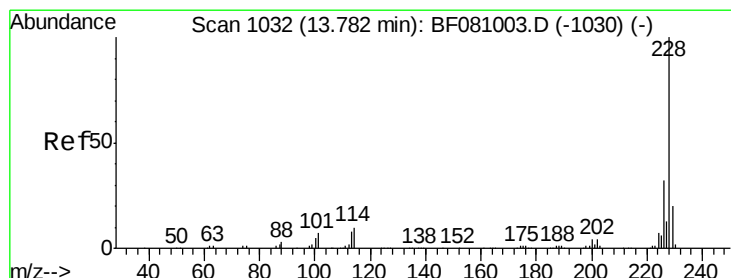
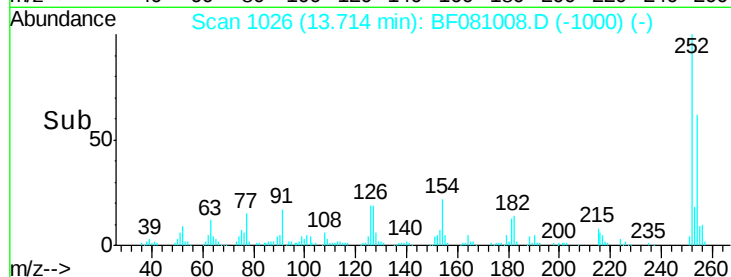
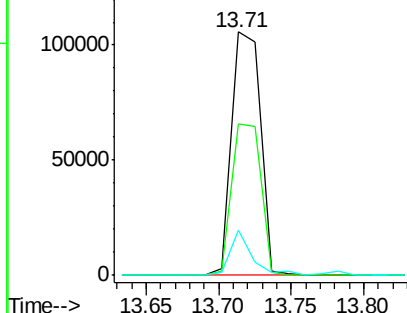
#81
 3,3'-Dichlorobenzidine
 Concen: 37.13 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

Tgt Ion: 252 Resp: 145841
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.5 77.3
 126 18.6 12.5 18.7

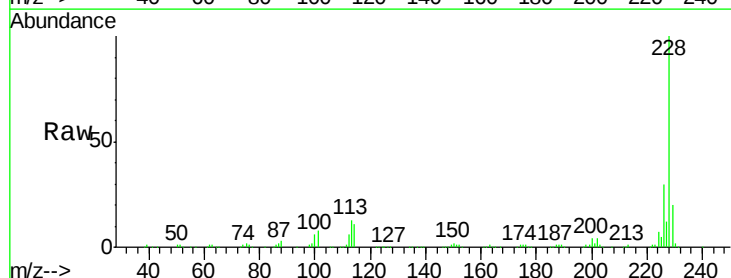


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

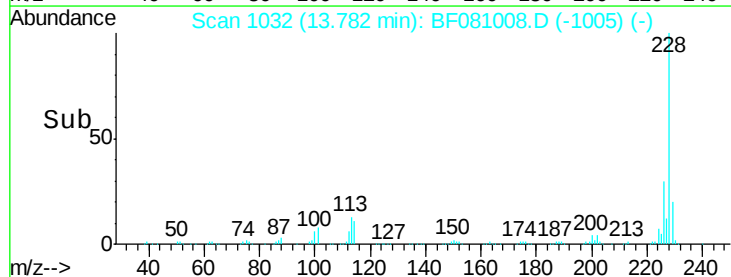
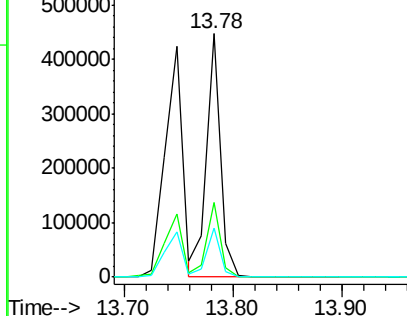


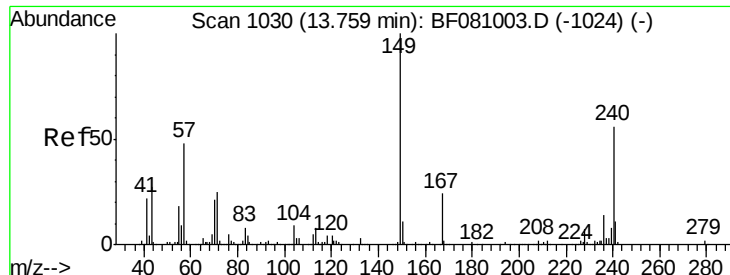
#82
 Chrysene
 Concen: 37.19 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion: 228 Resp: 406466
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.2 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.45 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

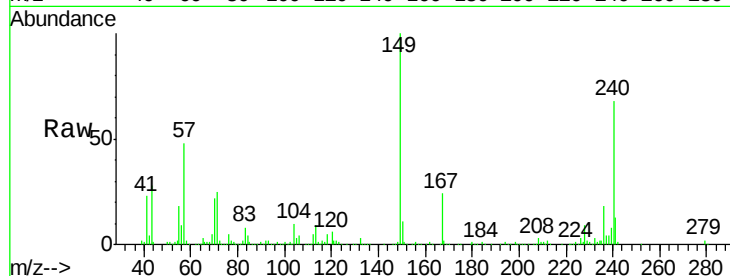
Tgt Ion:149 Resp: 311189

Ion Ratio Lower Upper

149 100

167 24.1 20.7 31.1

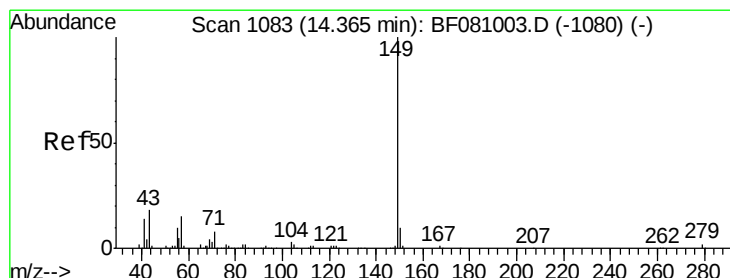
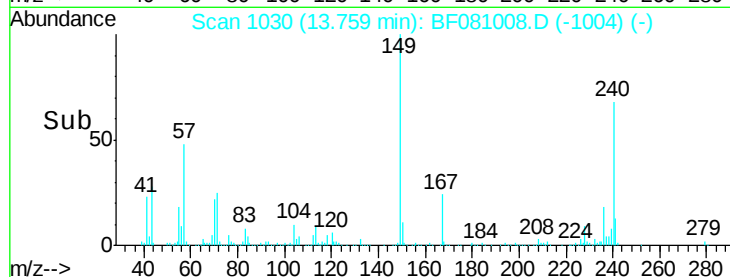
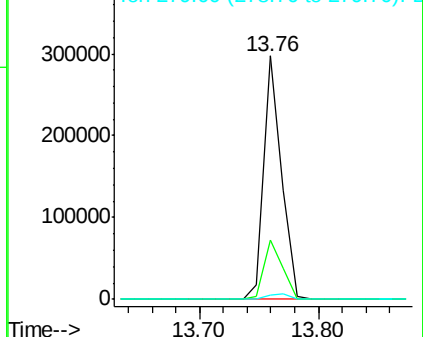
279 1.7 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.94 ng

RT: 14.37 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

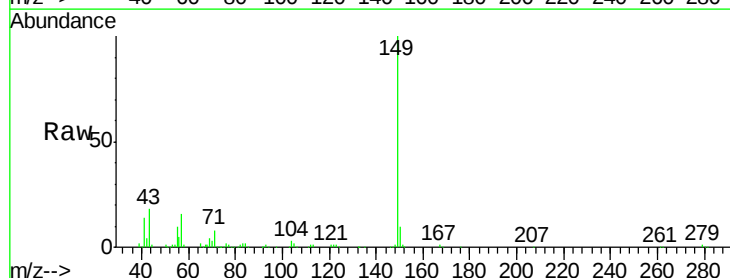
Tgt Ion:149 Resp: 491315

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

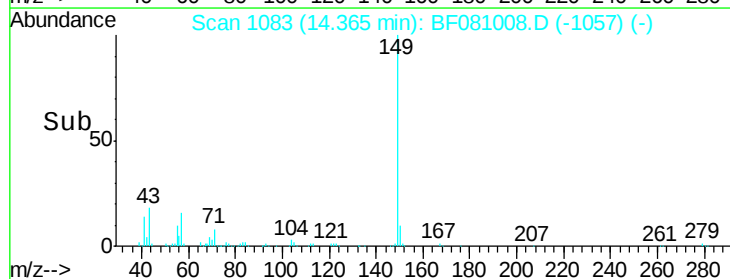
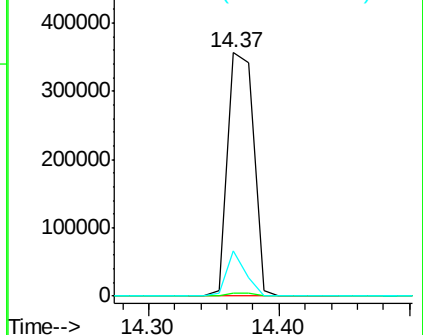
43 13.8 11.6 17.4

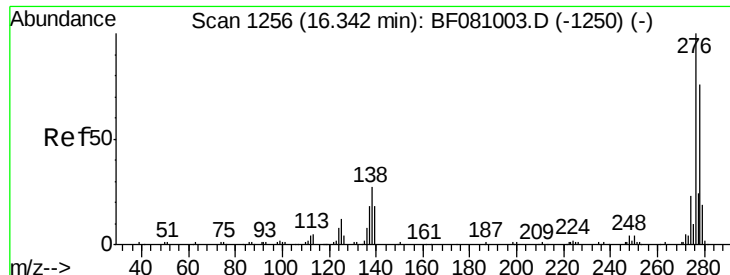


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

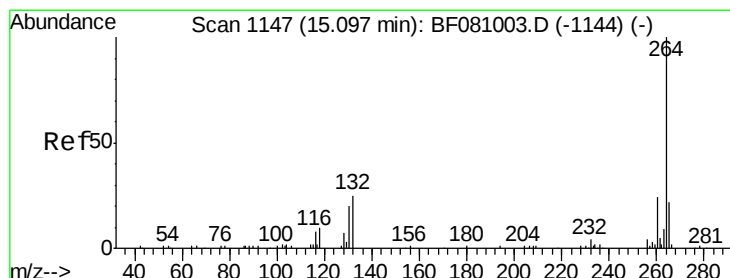
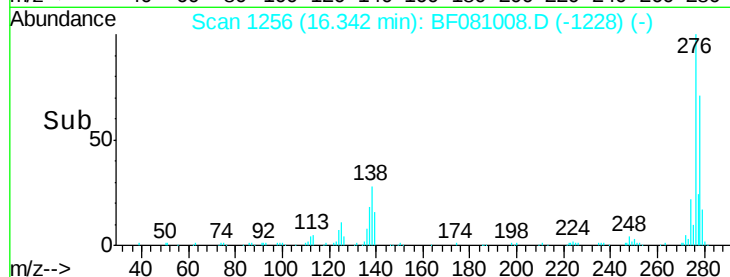
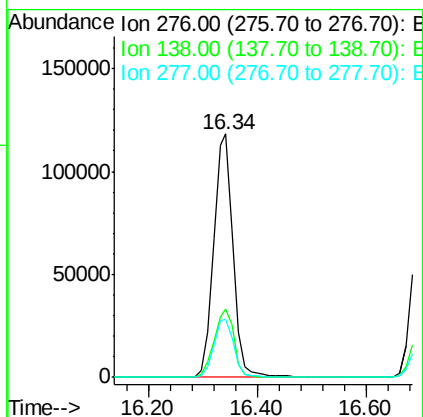
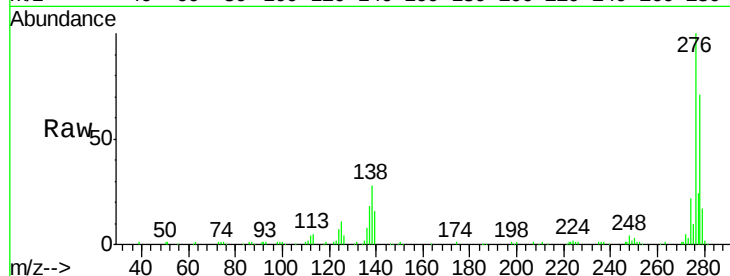




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.78 ng
 RT: 16.34 min Scan# 1256
 Delta R.T. 0.02 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

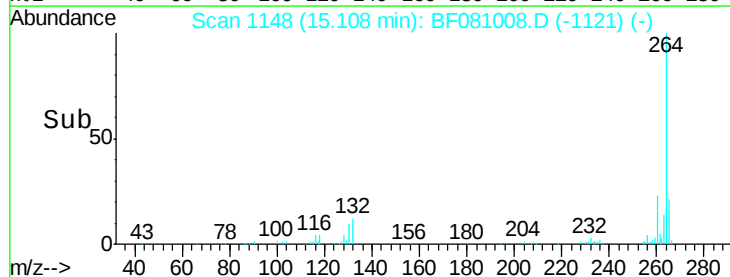
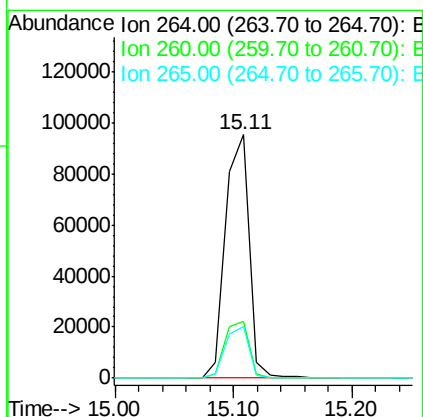
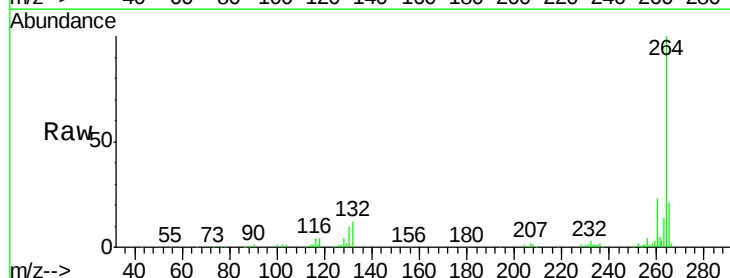
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081715

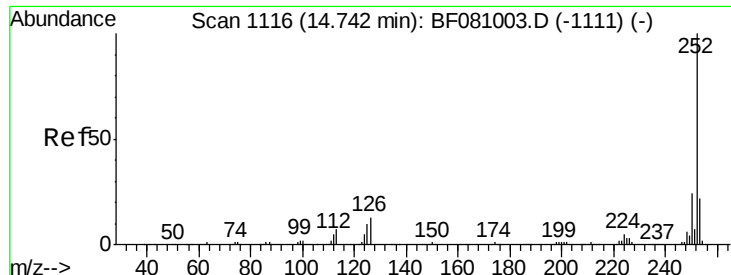
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF081008.D
 Acq: 17 Aug 2015 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.0	17.5	26.3

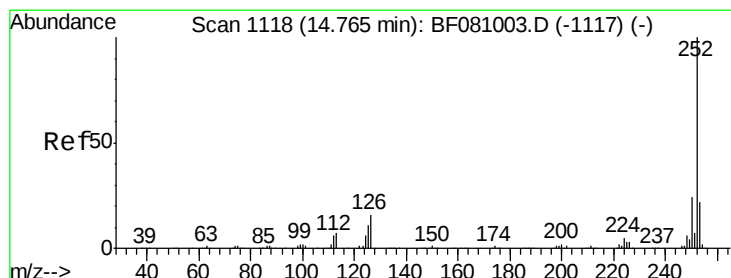
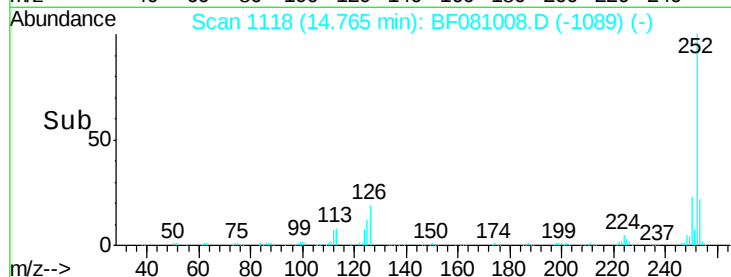
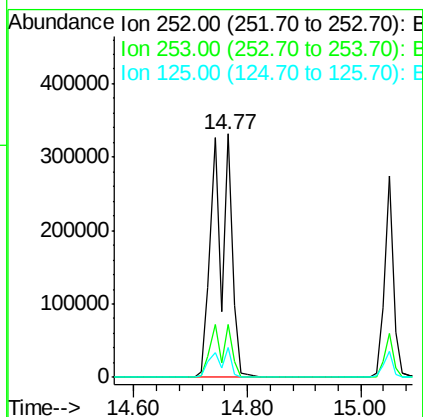
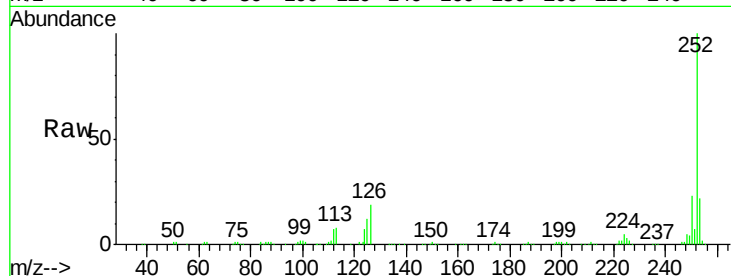




#87
Benzo(b)fluoranthene
Concen: 73.52 ng
RT: 14.77 min Scan# 1118
Delta R.T. 0.04 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

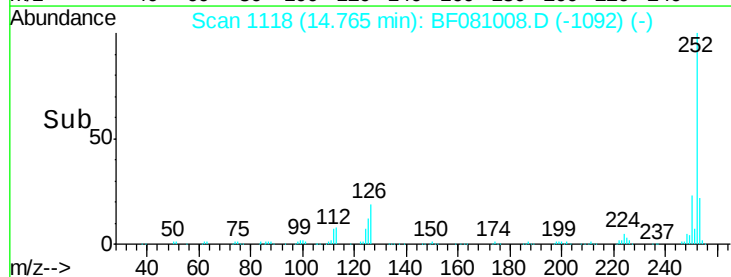
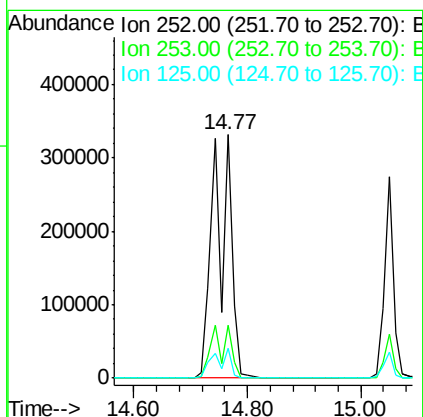
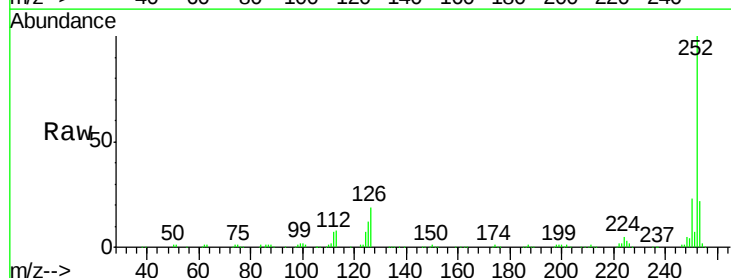
Instrument :
BNA_F
ClientSampleId :
ICVBF081715

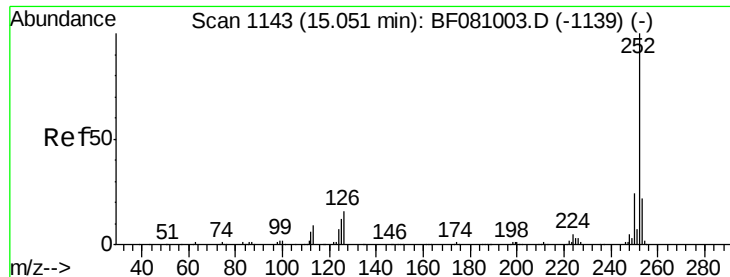
Tgt Ion:252 Resp: 683326
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 12.4 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 78.90 ng
RT: 14.77 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF081008.D
Acq: 17 Aug 2015 17:35

Tgt Ion:252 Resp: 683326
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 12.4 10.3 15.5





#89

Benzo(a)pyrene

Concen: 38.17 ng

RT: 15.05 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715

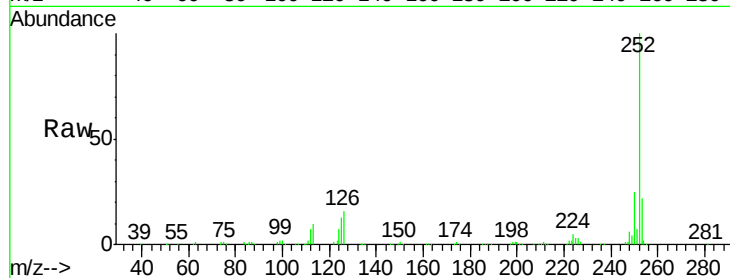
Tgt Ion:252 Resp: 309117

Ion Ratio Lower Upper

252 100

253 21.6 16.6 25.0

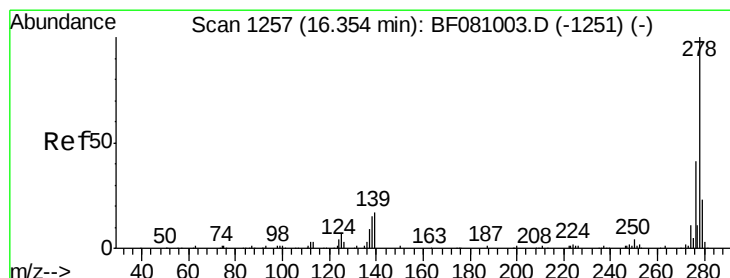
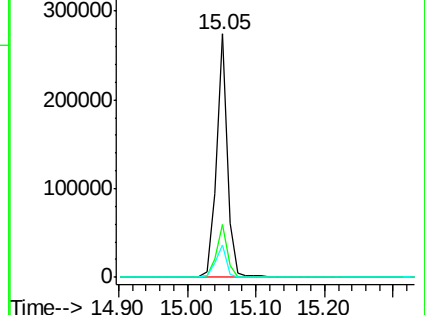
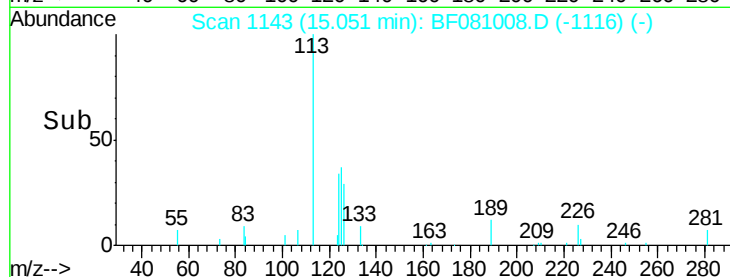
125 13.1 7.8 11.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 38.90 ng

RT: 16.35 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF081008.D

Acq: 17 Aug 2015 17:35

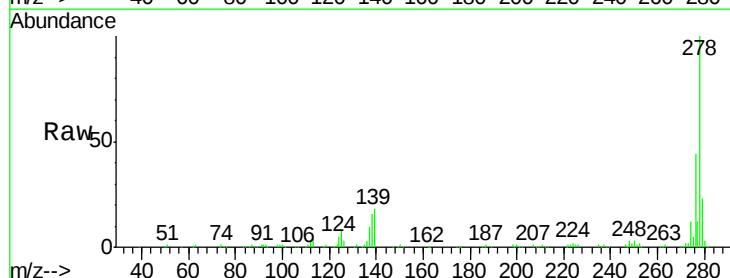
Tgt Ion:278 Resp: 245450

Ion Ratio Lower Upper

278 100

139 17.6 10.8 16.2#

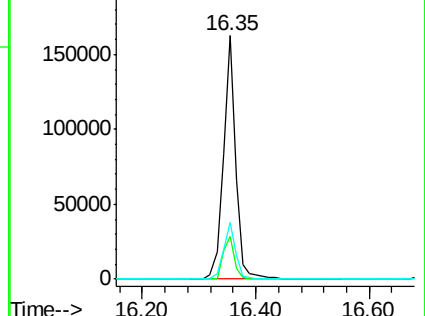
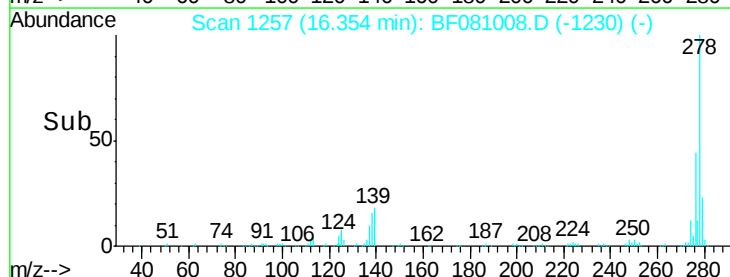
279 23.5 19.0 28.6

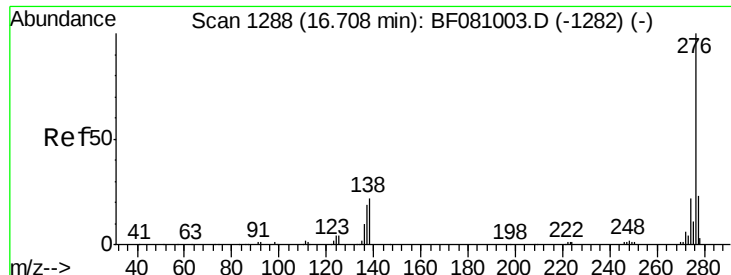


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.40 ng

RT: 16.71 min Scan# 1288

Delta R.T. 0.02 min

Lab File: BF081008.D

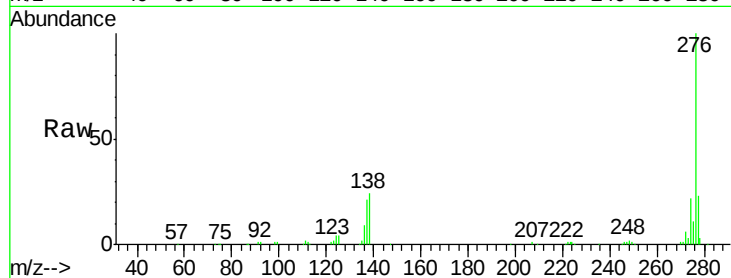
Acq: 17 Aug 2015 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF081715



Tgt Ion:	276	Resp:	245804
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.2	27.2
138	24.1	13.7	20.5

