

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081352.D
 Acq On : 2 Sep 2015 17:04
 Operator : UM/IZ
 Sample : G3492-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Quant Time: Sep 02 23:04:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	61849	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	231909	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	105367	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	207370	20.00	ng	0.01
75) Chrysene-d12	13.50	240	174574	20.00	ng	0.00
86) Perylene-d12	14.80	264	113808	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	616698	154.70	ng	0.02
7) Phenol-d6	6.07	99	887303	168.16	ng	0.01
23) Nitrobenzene-d5	6.97	82	505003	105.06	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	147723	157.46	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	816916	99.35	ng	0.00
78) Terphenyl-d14	12.47	244	643178	85.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	73469	41.04	ng	# 91
3) Pyridine	2.35	79	209125	42.36	ng	# 85
4) n-Nitrosodimethylamine	2.33	42	137586	50.17	ng	# 77
6) Aniline	6.06	93	228346	30.65	ng	# 48
8) 2-Chlorophenol	6.17	128	204416	46.54	ng	# 68
9) Benzaldehyde	5.92	77	33913	10.26	ng	# 71
10) Phenol	6.08	94	353008	57.69	ng	# 63
11) bis(2-Chloroethyl)ether	6.15	93	231185	52.36	ng	# 93
12) 1,3-Dichlorobenzene	6.33	146	210341	44.82	ng	# 96
13) 1,4-Dichlorobenzene	6.41	146	221442	46.34	ng	# 94
14) 1,2-Dichlorobenzene	6.41	146	221442	51.47	ng	# 96
15) Benzyl Alcohol	6.56	79	214077	49.46	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	6.70	45	404992	47.86	ng	# 74
17) 2-Methylphenol	6.68	107	170633	48.68	ng	# 75
18) Hexachloroethane	6.90	117	87460	47.04	ng	# 84
19) n-Nitroso-di-n-propylamine	6.83	70	175011	48.73	ng	# 90
20) 3+4-Methylphenols	6.84	107	217251	45.97	ng	# 87
22) Acetophenone	6.82	105	313891	49.55	ng	# 78
24) Nitrobenzene	6.99	77	275983	55.29	ng	# 70
25) Isophorone	7.23	82	443805	49.64	ng	# 83
26) 2-Nitrophenol	7.30	139	102157	46.96	ng	# 22
27) 2,4-Dimethylphenol	7.37	122	198330	52.78	ng	# 77
28) bis(2-Chloroethoxy)methane	7.46	93	278897	54.00	ng	# 92
29) 2,4-Dichlorophenol	7.55	162	168763	51.79	ng	# 88
30) 1,2,4-Trichlorobenzene	7.63	180	178573	50.45	ng	# 99
31) Naphthalene	7.70	128	611220	49.42	ng	# 97
32) Benzoic acid	7.51	122	50394	20.33	ng	# 61
33) 4-Chloroaniline	7.76	127	83728	16.60	ng	# 79
34) Hexachlorobutadiene	7.83	225	108875	50.54	ng	# 98
35) Caprolactam	8.16	113	30618	30.64	ng	# 43
36) 4-Chloro-3-methylphenol	8.27	107	197240	54.08	ng	# 75
37) 2-Methylnaphthalene	8.39	142	389231	48.36	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	156883	47.08	ng	# 95
40) Hexachlorocyclopentadiene	8.55	237	168751	103.19	ng	# 96

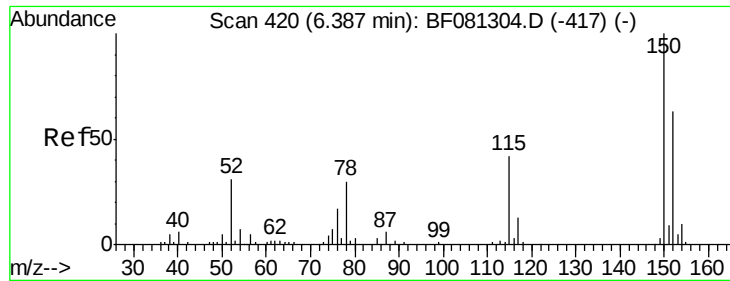
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081352.D
 Acq On : 2 Sep 2015 17:04
 Operator : UM/IZ
 Sample : G3492-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Quant Time: Sep 02 23:04:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	130369	56.69	nq	98
43) 2,4,5-Trichlorophenol	8.73	196	122676	52.29	nq #	87
45) 1,1'-Biphenyl	8.86	154	439640	45.35	nq	95
46) 2-Chloronaphthalene	8.88	162	372893	53.27	nq #	90
47) 2-Nitroaniline	8.98	65	133782	46.89	nq #	55
48) Acenaphthylene	9.28	152	566665	45.63	nq	97
49) Dimethylphthalate	9.18	163	549432	67.11	nq #	98
50) 2,6-Dinitrotoluene	9.23	165	82529	44.42	nq #	25
51) Acenaphthene	9.45	154	336434	47.62	nq	89
52) 3-Nitroaniline	9.39	138	66121	31.26	nq #	47
53) 2,4-Dinitrophenol	9.51	184	69940	89.37	nq #	53
54) Dibenzofuran	9.62	168	511536	49.59	nq #	80
55) 4-Nitrophenol	9.59	139	133592	100.53	nq #	2
56) 2,4-Dinitrotoluene	9.63	165	121746	51.46	nq #	44
57) Fluorene	9.96	166	407106	52.00	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.76	232	99639	55.63	nq	95
59) Diethylphthalate	9.87	149	436534	50.69	nq	95
60) 4-Chlorophenyl-phenylether	9.96	204	175013	47.96	nq #	79
61) 4-Nitroaniline	10.01	138	98862	46.26	nq #	23
62) Azobenzene	10.12	77	513801	53.67	nq	84
64) 4,6-Dinitro-2-methylphenol	10.03	198	57199	49.32	nq #	48
65) n-Nitrosodiphenylamine	10.09	169	334536	44.33	nq	92
66) 4-Bromophenyl-phenylether	10.44	248	101861	48.58	nq #	73
67) Hexachlorobenzene	10.50	284	97375	44.42	nq #	70
68) Atrazine	10.63	200	101568	46.51	nq	82
69) Pentachlorophenol	10.71	266	124646	112.77	nq	97
70) Phenanthrene	10.91	178	626917	54.38	nq	97
71) Anthracene	10.96	178	520742	43.97	nq	98
72) Carbazole	11.13	167	574181	51.66	nq	98
73) Di-n-butylphthalate	11.47	149	628981	47.92	nq #	98
74) Fluoranthene	12.08	202	559483	44.83	nq	91
76) Benzidine	12.22	184	180635	24.10	nq	99
77) Pyrene	12.31	202	683738	52.87	nq	98
79) Butylbenzylphthalate	12.96	149	284463	50.58	nq	99
80) Benzo(a)anthracene	13.49	228	510124	45.88	nq	95
81) 3,3'-Dichlorobenzidine	13.46	252	103973	27.73	nq #	96
82) Chrysene	13.52	228	378911	38.02	nq	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	354758	47.80	nq #	90
84) Di-n-octyl phthalate	14.13	149	584977	47.87	nq	96
85) Indeno(1,2,3-cd)pyrene	15.90	276	333357	45.59	nq #	86
87) Benzo(b)fluoranthene	14.50	252	796719	98.06	nq #	86
88) Benzo(k)fluoranthene	14.50	252	796719	118.17	nq #	86
89) Benzo(a)pyrene	14.75	252	341552	49.61	nq #	88
90) Dibenzo(a,h)anthracene	15.91	278	279025	52.45	nq #	80
91) Benzo(g,h,i)perylene	16.22	276	272048	53.58	nq #	74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

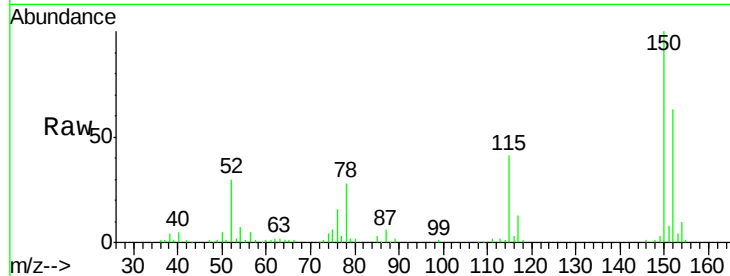
Tot Ion:152 Resp: 61849

Ion Ratio Lower Upper

152 100

150 157.9 124.7 187.1

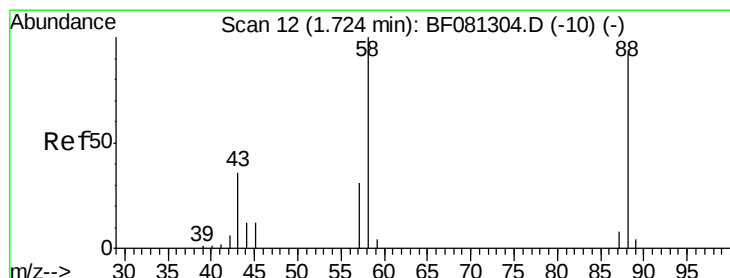
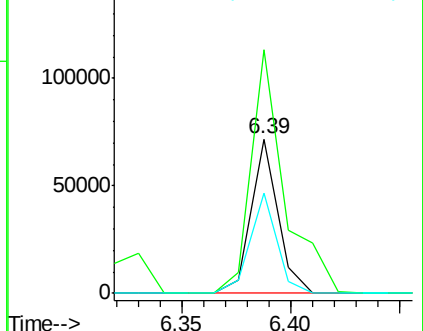
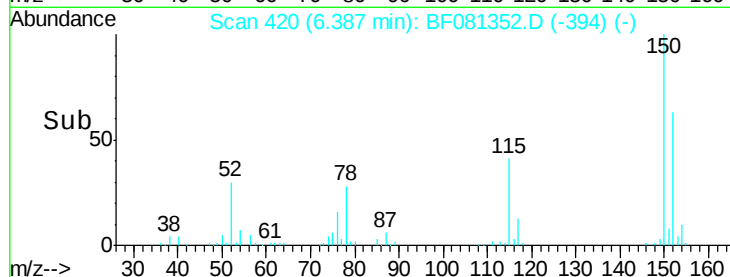
115 64.8 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.04 ng

RT: 1.82 min Scan# 20

Delta R.T. 0.09 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

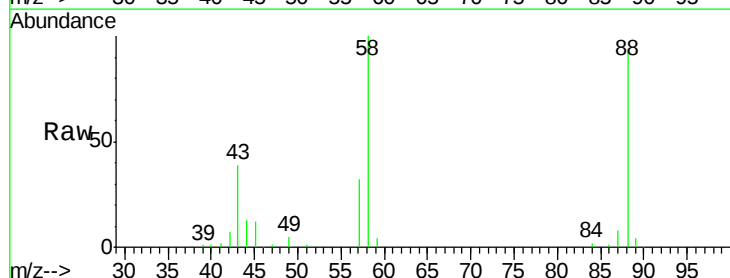
Tgt Ion: 88 Resp: 73469

Ion Ratio Lower Upper

88 100

58 104.8 77.7 116.5

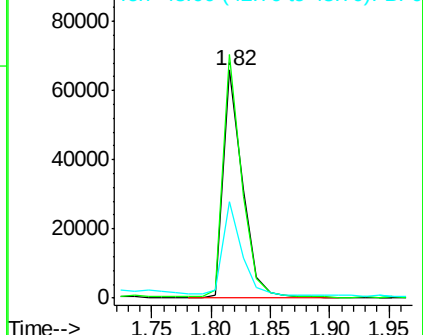
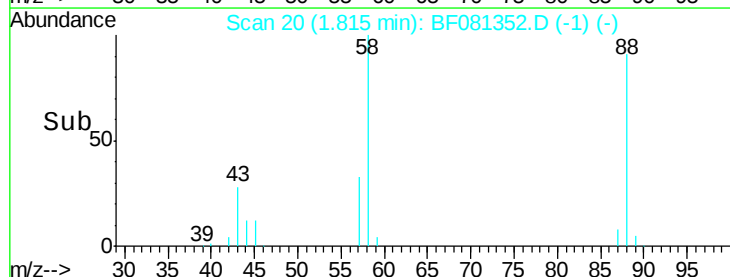
43 40.1 26.6 40.0#

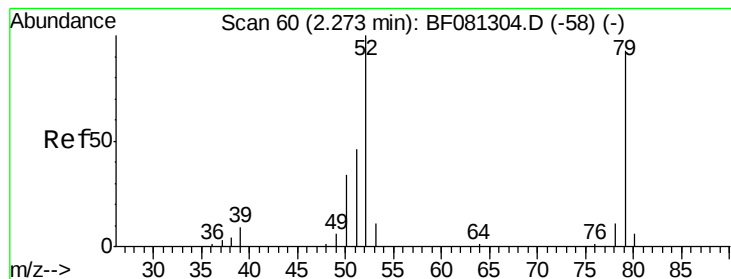


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.36 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

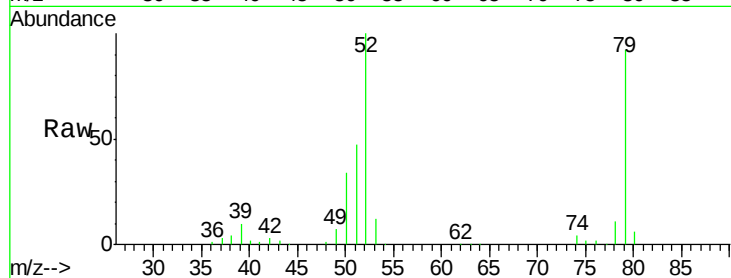
Tot Ion: 79 Resp: 209125

Ion Ratio Lower Upper

79 100

52 109.3 76.8 115.2

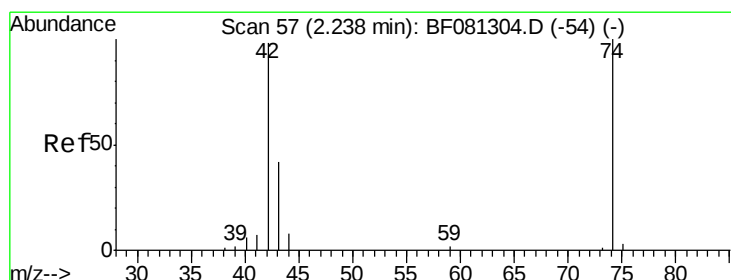
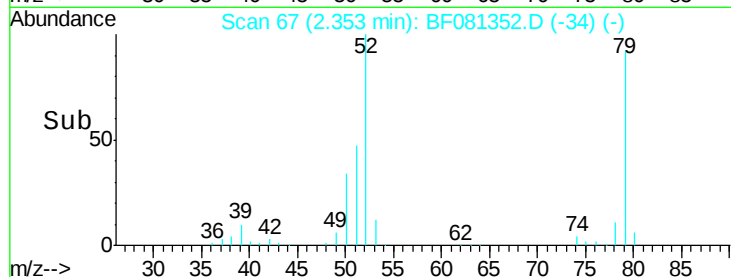
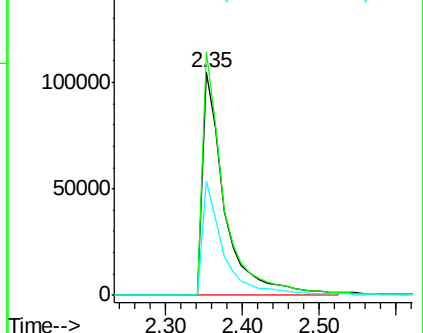
51 51.2 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 50.17 ng

RT: 2.33 min Scan# 65

Delta R.T. 0.09 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

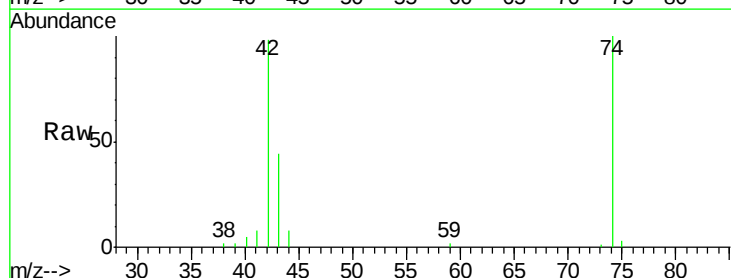
Tgt Ion: 42 Resp: 137586

Ion Ratio Lower Upper

42 100

74 102.4 105.0 157.6#

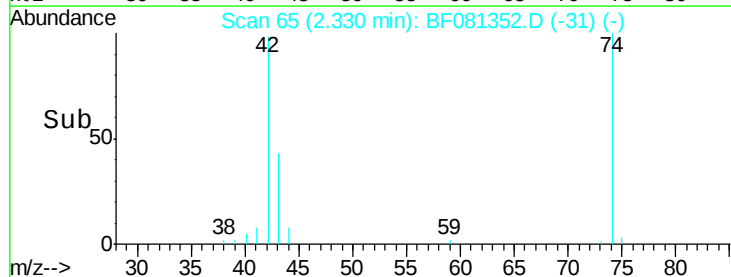
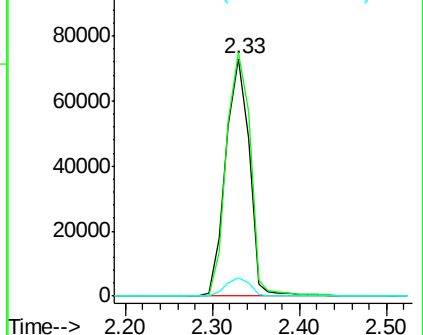
44 7.9 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 154.70 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

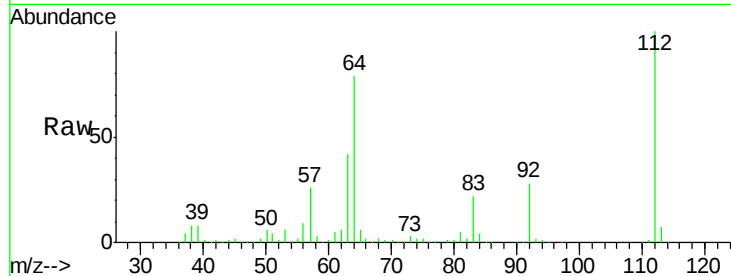
Tot Ion:112 Resp: 61698

Ion Ratio Lower Upper

112 100

64 78.5 39.7 59.5#

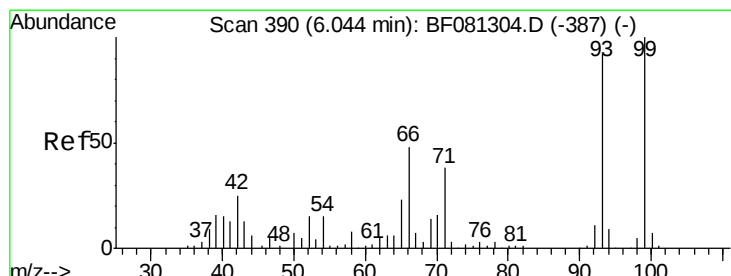
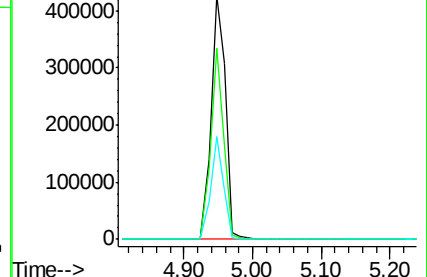
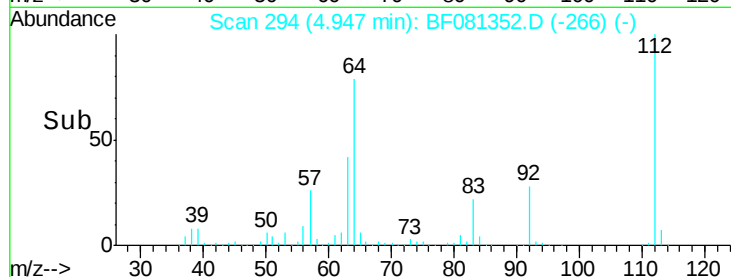
63 42.1 17.4 26.0#



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: 30.65 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

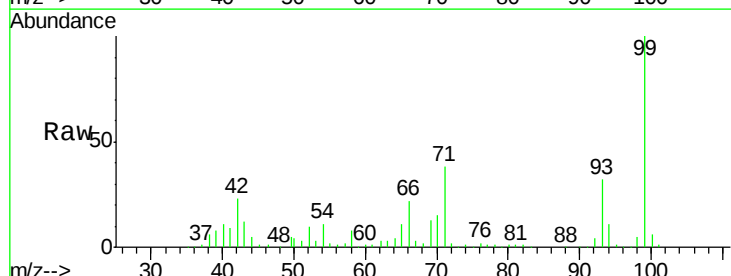
Tgt Ion: 93 Resp: 228346

Ion Ratio Lower Upper

93 100

66 69.6 27.2 40.8#

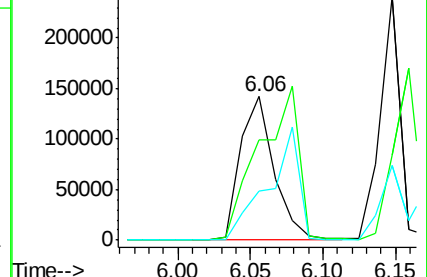
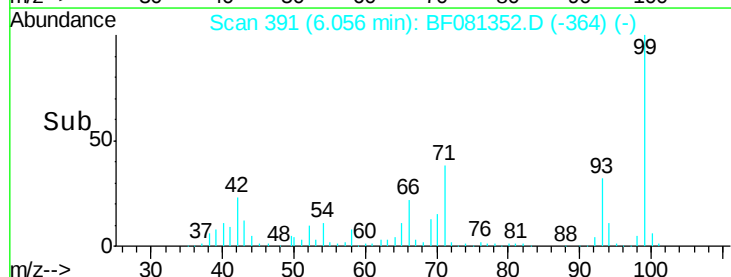
65 33.8 14.7 22.1#

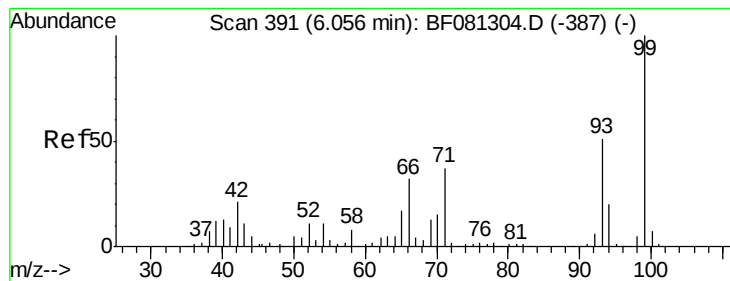


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 168.16 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

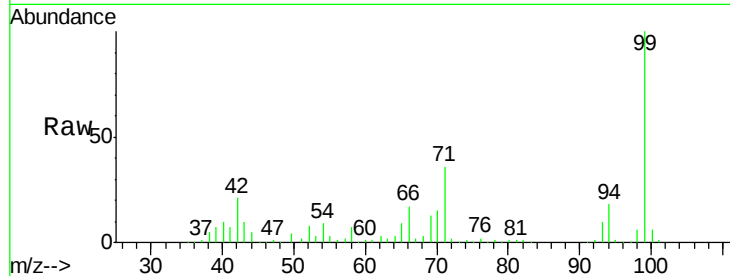
Tot Ion: 99 Resp: 887303

Ion Ratio Lower Upper

99 100

42 20.6 13.7 20.5#

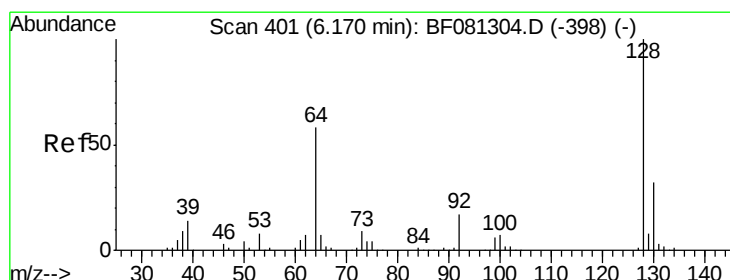
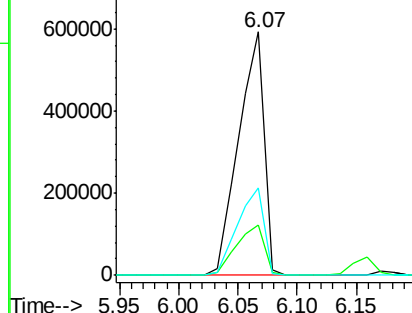
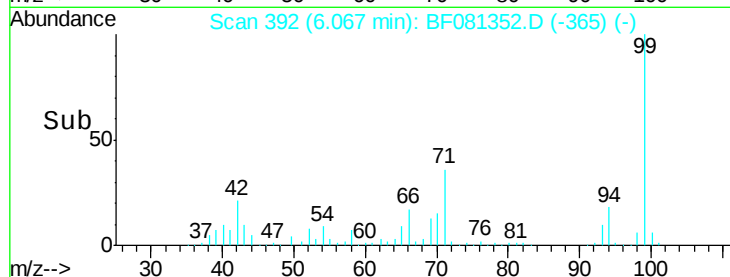
71 35.8 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.54 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

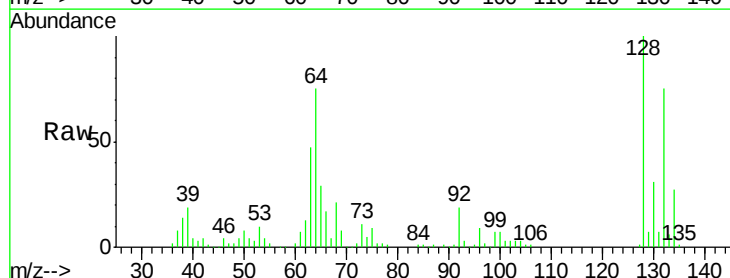
Tgt Ion: 128 Resp: 204416

Ion Ratio Lower Upper

128 100

130 31.1 12.2 52.2

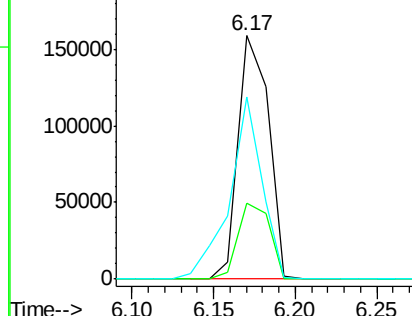
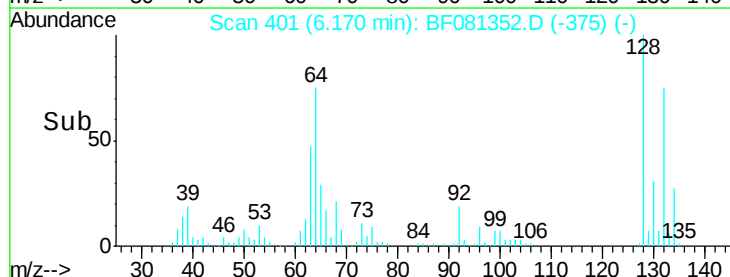
64 74.9 20.5 60.5#

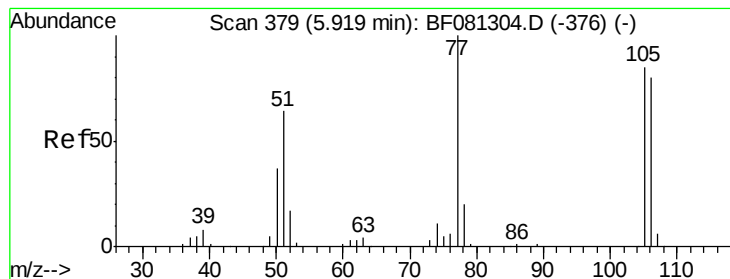


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.26 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

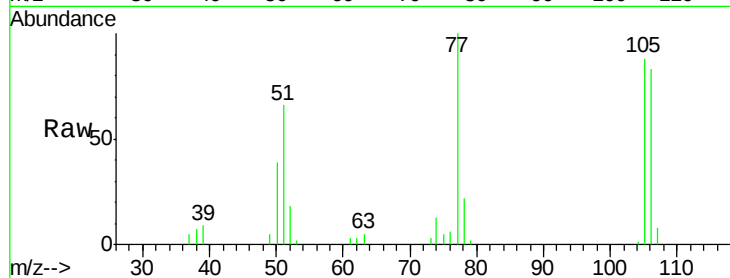
Tot Ion: 77 Resp: 33913

Ion Ratio Lower Upper

77 100

105 88.1 91.6 131.6#

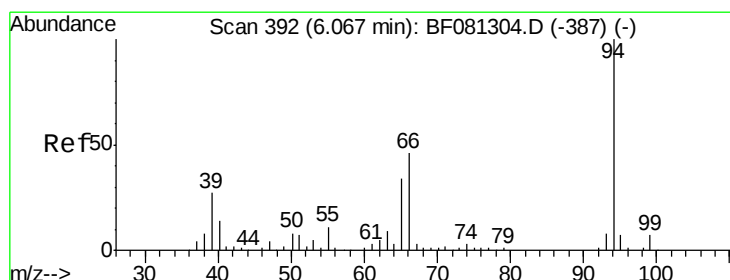
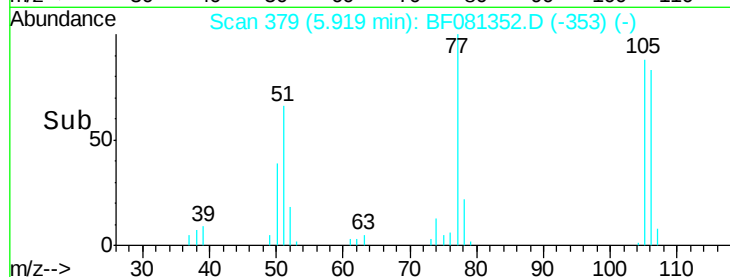
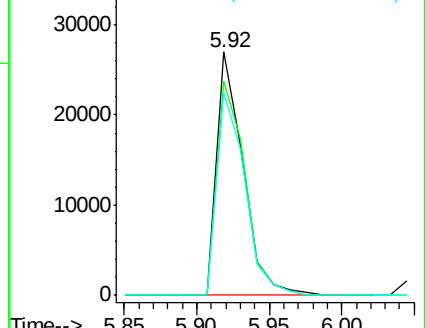
106 83.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 57.69 ng

RT: 6.08 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

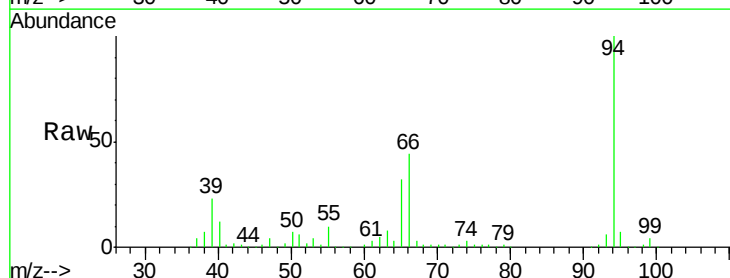
Tgt Ion: 94 Resp: 353008

Ion Ratio Lower Upper

94 100

65 32.5 0.7 40.7

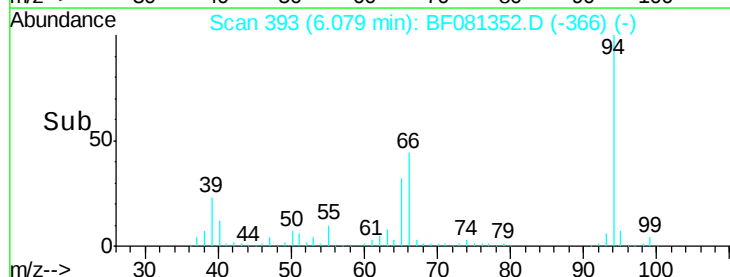
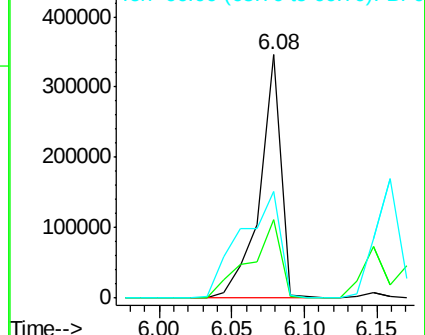
66 43.9 0.8 40.8#

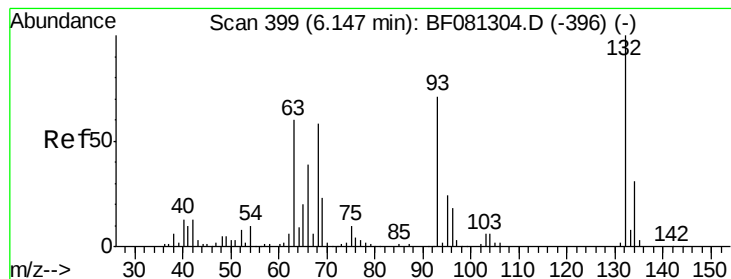


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

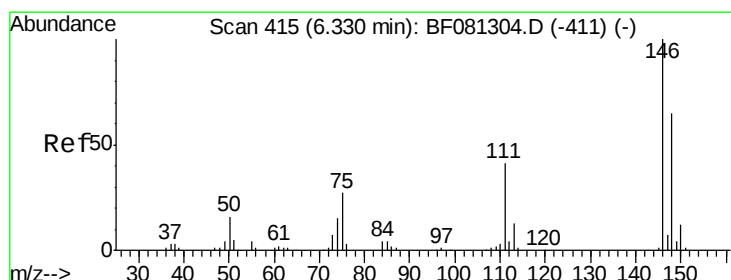
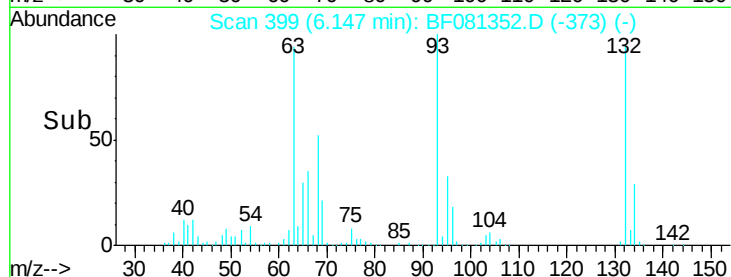
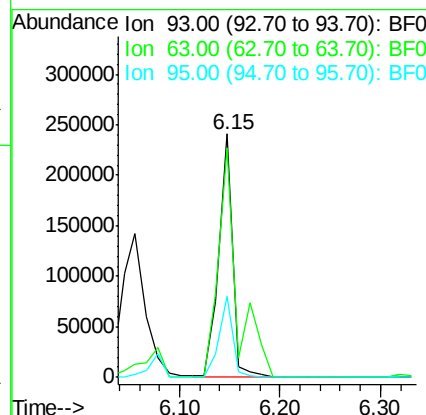
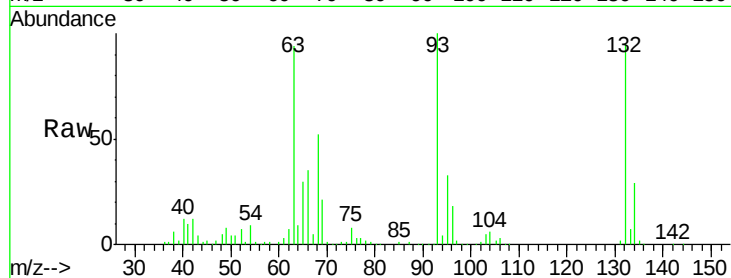




#11
 bis(2-Chloroethyl)ether
 Concen: 52.36 ng
 RT: 6.15 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

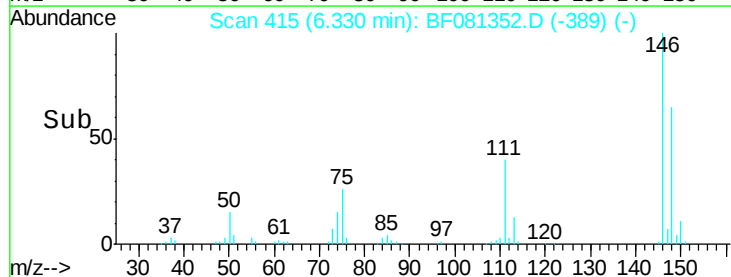
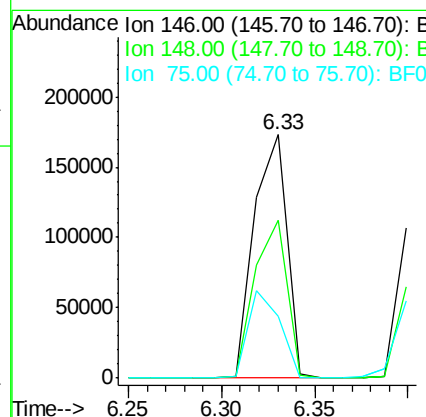
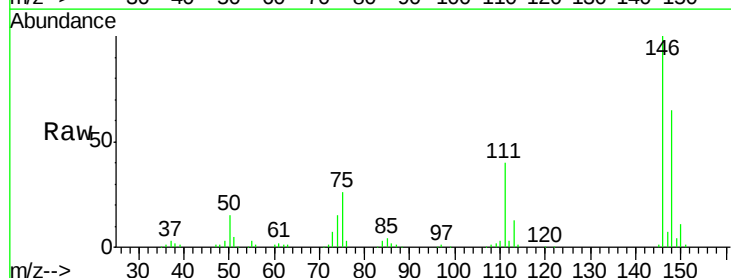
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

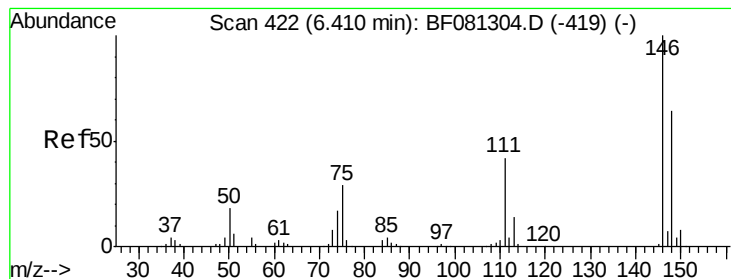
Tot Ion: 93 Resp: 231185
 Ion Ratio Lower Upper
 93 100
 63 94.1 65.6 105.6
 95 33.1 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 44.82 ng
 RT: 6.33 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion: 146 Resp: 210341
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.4
 75 25.7 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 46.34 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

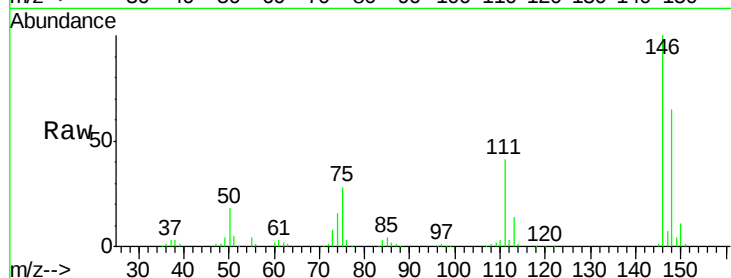
Tot Ion:146 Resp: 221442

Ion Ratio Lower Upper

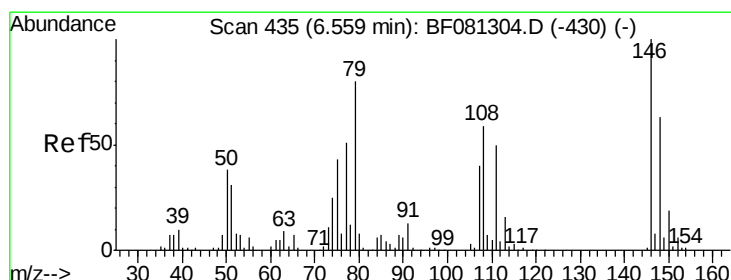
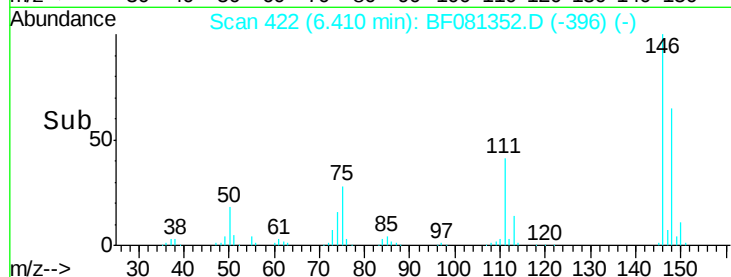
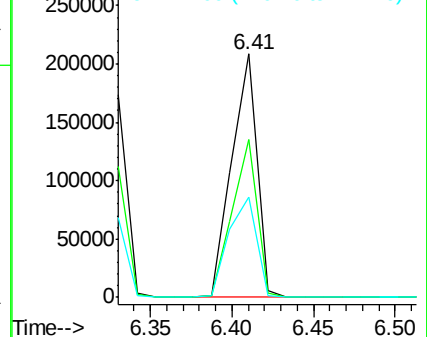
146 100

148 64.9 51.8 77.6

111 41.1 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.47 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.15 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

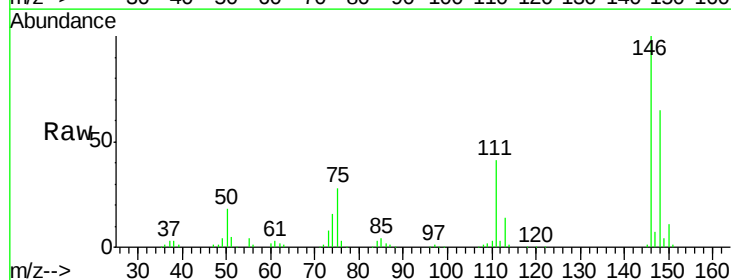
Tgt Ion:146 Resp: 221442

Ion Ratio Lower Upper

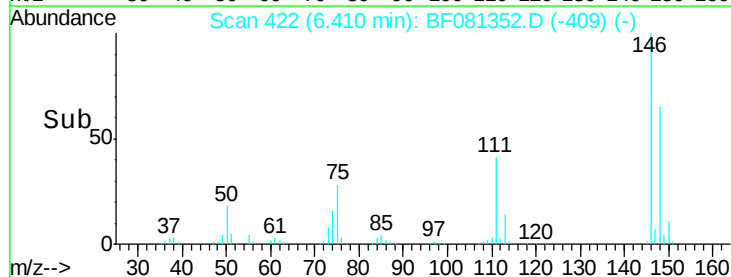
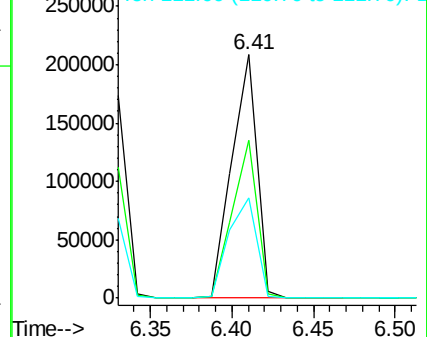
146 100

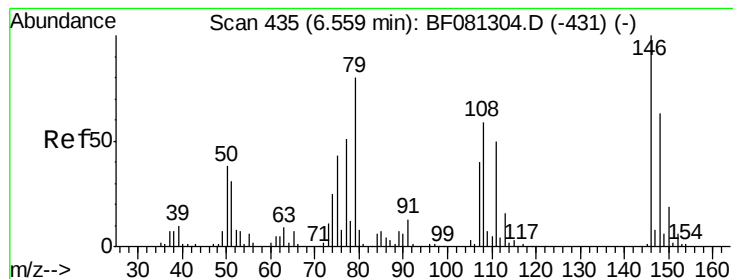
148 64.9 52.7 79.1

111 41.1 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.46 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

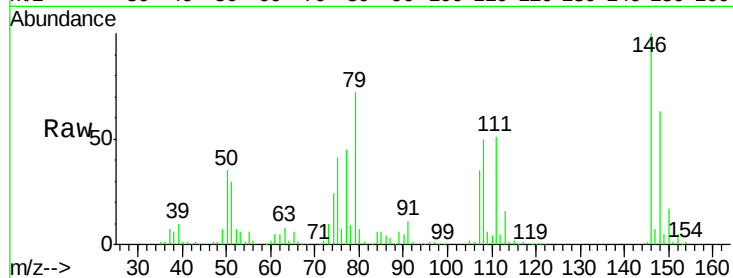
Tot Ion: 79 Resp: 214077

Ion Ratio Lower Upper

79 100

108 69.4 88.6 132.8#

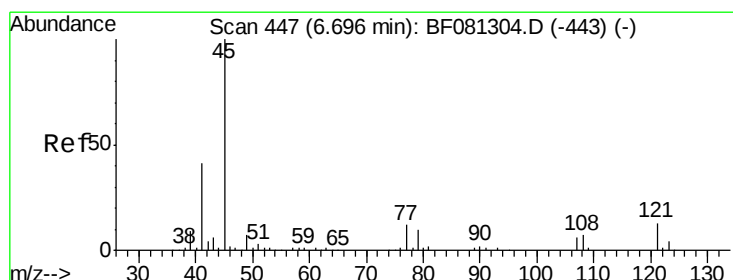
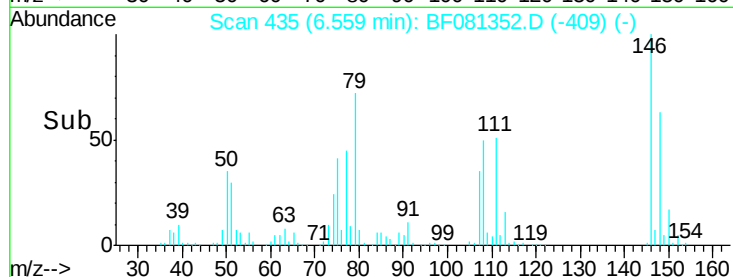
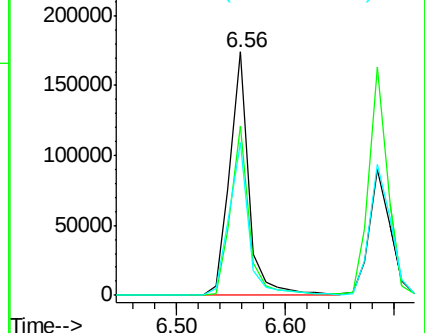
77 62.6 47.0 70.4



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: 47.86 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

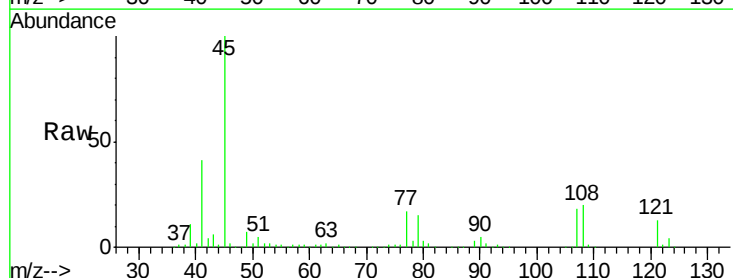
Tgt Ion: 45 Resp: 404992

Ion Ratio Lower Upper

45 100

77 17.0 0.0 28.1

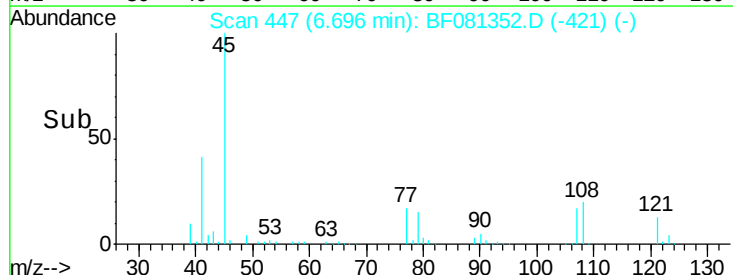
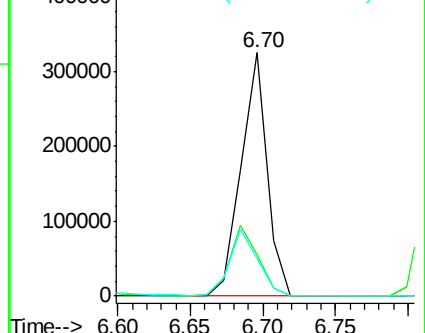
79 15.4 0.0 26.0

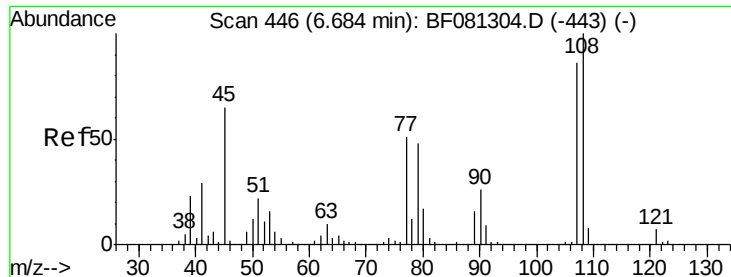


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

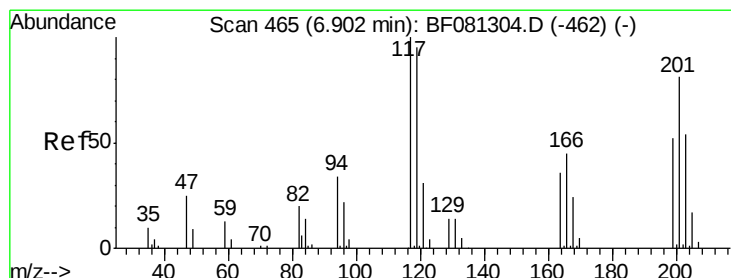
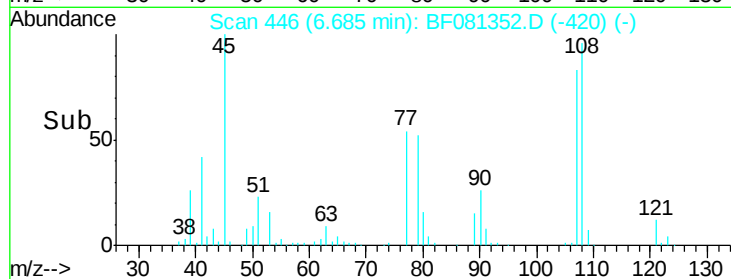
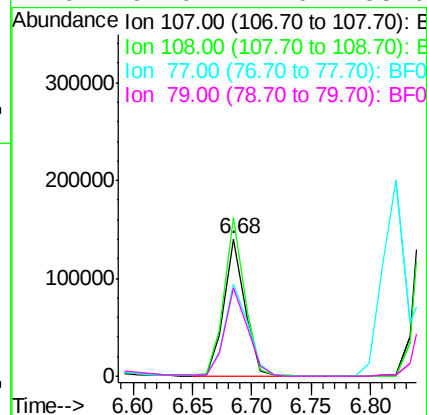
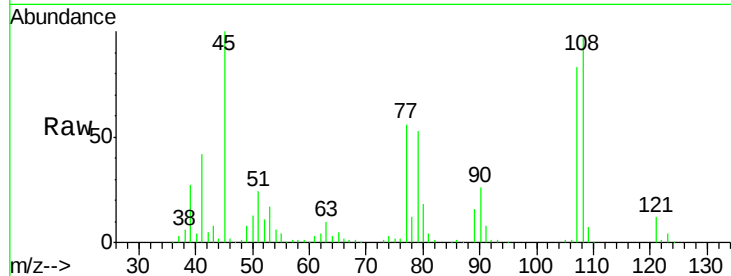




#17
2-Methylphenol
Concen: 48.68 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

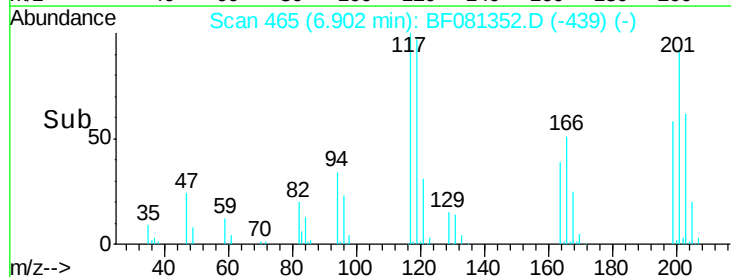
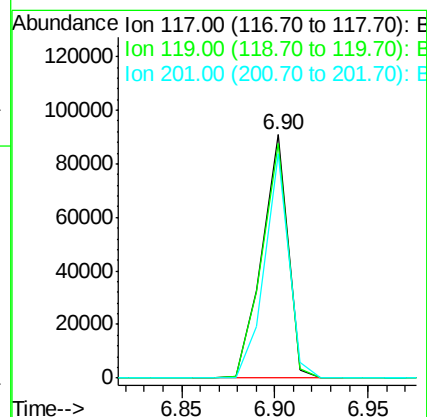
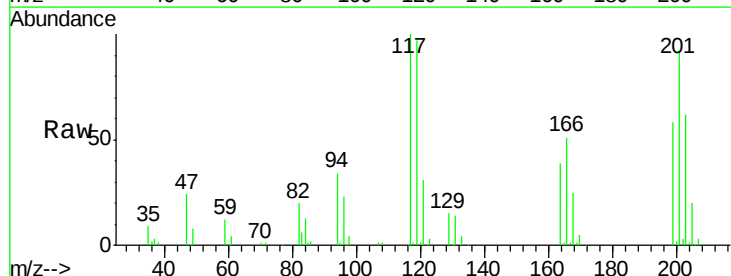
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

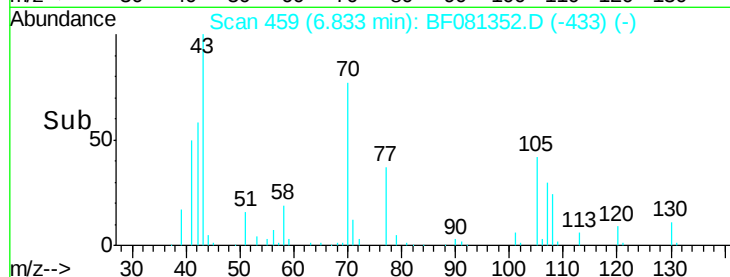
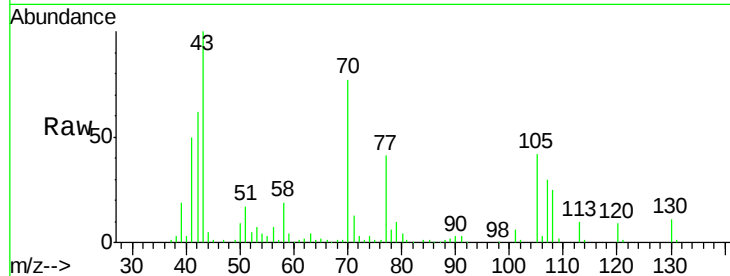
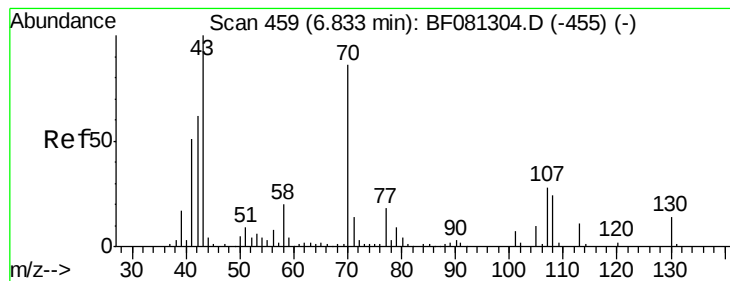
Tot Ion:107 Resp: 170633
Ion Ratio Lower Upper
107 100
108 115.8 96.6 145.0
77 66.7 23.3 34.9#
79 64.0 22.0 33.0#



#18
Hexachloroethane
Concen: 47.04 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion:117 Resp: 87460
Ion Ratio Lower Upper
117 100
119 96.6 83.8 125.6
201 92.3 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 48.73 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion: 70 Resp: 175011

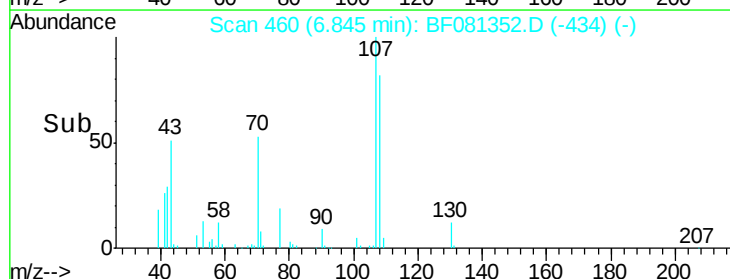
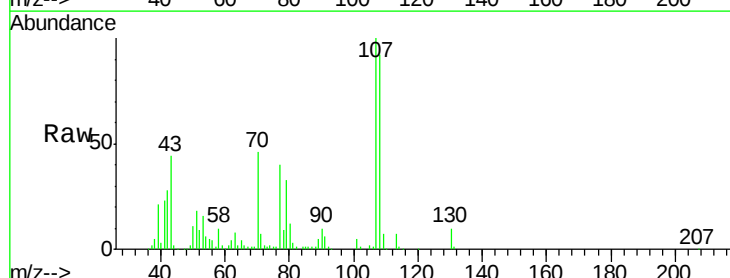
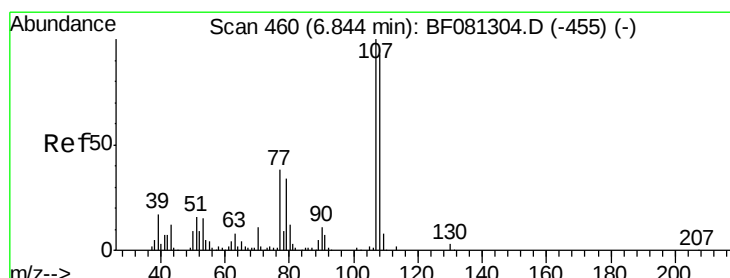
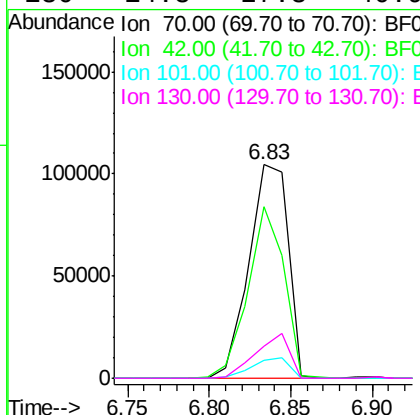
Ion Ratio Lower Upper

70 100

42 80.3 63.8 95.6

101 8.4 9.2 13.8#

130 14.8 27.3 40.9#



#20

3+4-Methylphenols

Concen: 45.97 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:107 Resp: 217251

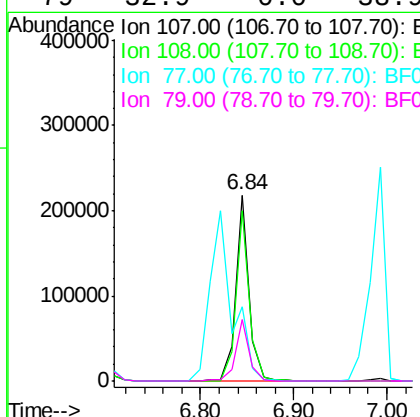
Ion Ratio Lower Upper

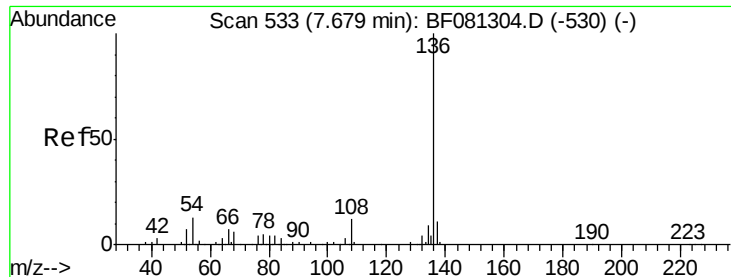
107 100

108 91.6 74.6 114.6

77 39.9 0.7 40.7

79 32.9 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion:136 Resp: 231909

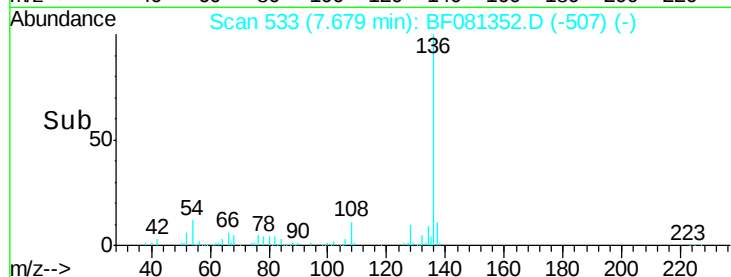
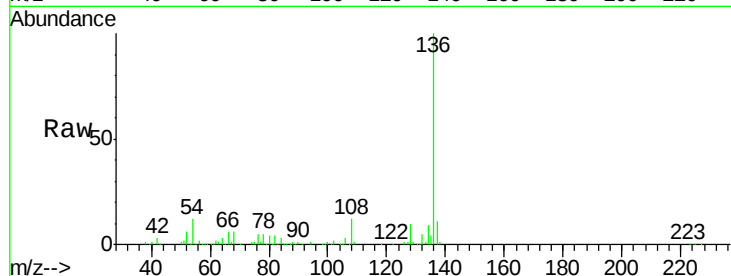
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 12.3 8.2 12.2#

68 5.6 5.8 8.6#

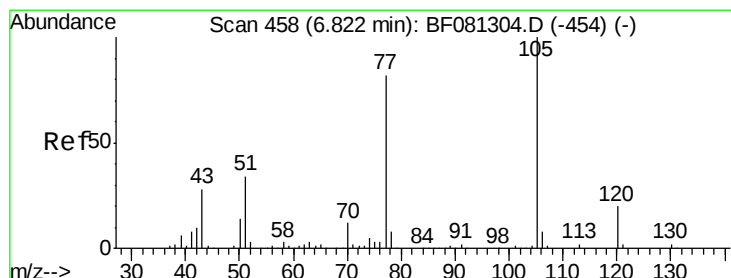
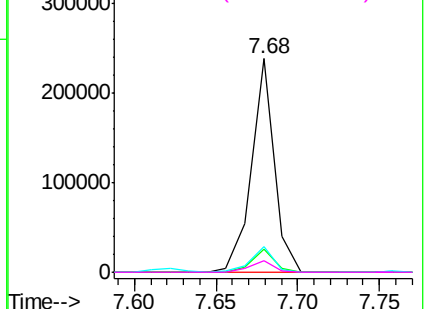


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.55 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion:105 Resp: 313891

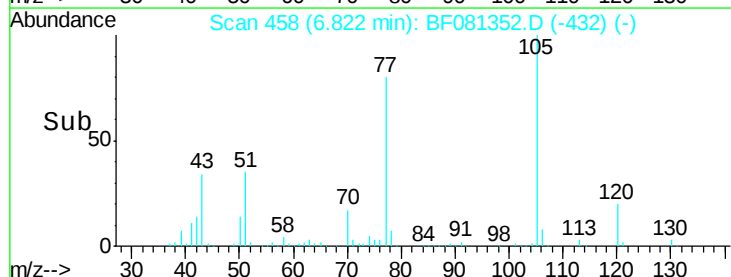
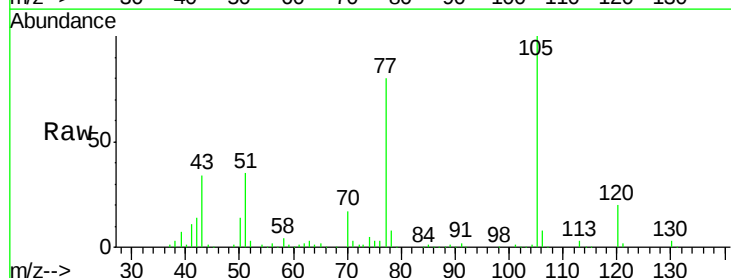
Ion Ratio Lower Upper

105 100

71 2.7 4.7 7.1#

51 34.9 22.0 33.0#

120 19.8 30.1 45.1#

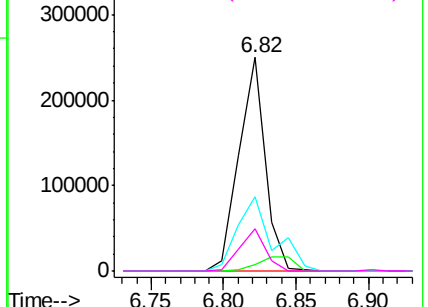


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

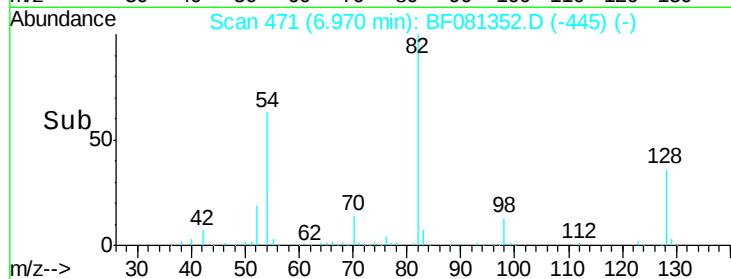
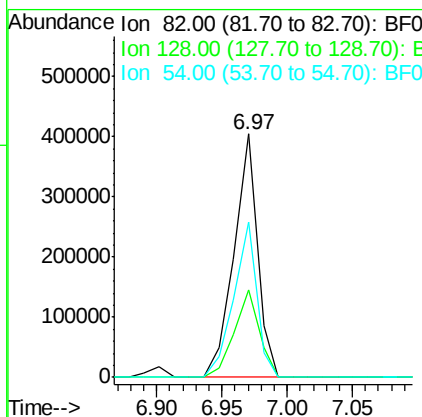
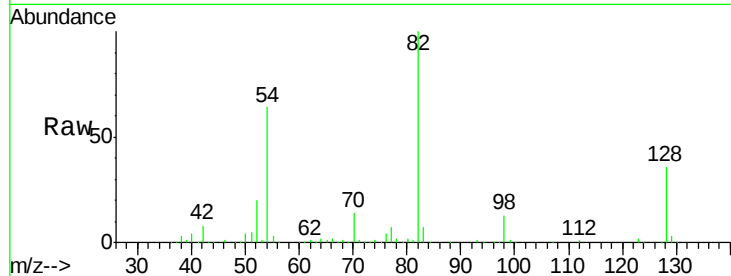




#23
 Nitrobenzene-d5
 Concen: 105.06 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

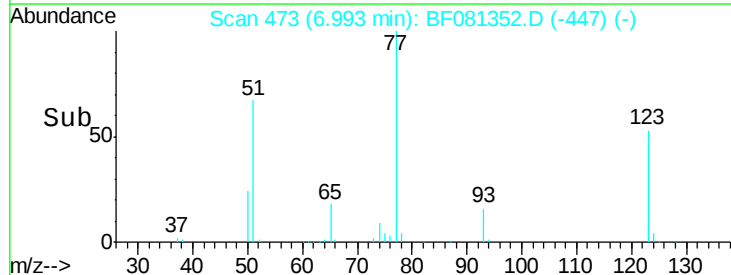
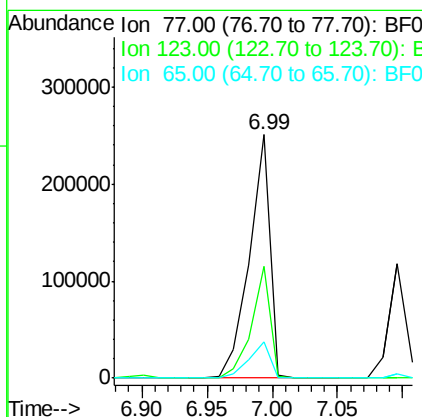
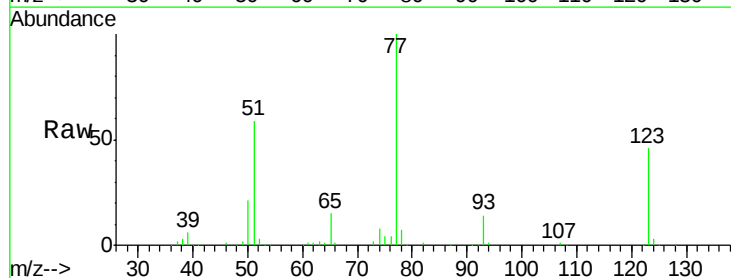
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion: 82 Resp: 505003
 Ion Ratio Lower Upper
 82 100
 128 36.0 51.0 76.6#
 54 63.6 47.5 71.3



#24
 Nitrobenzene
 Concen: 55.29 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion: 77 Resp: 275983
 Ion Ratio Lower Upper
 77 100
 123 46.1 59.8 89.8#
 65 14.8 10.2 15.4





#25

Isophorone

Concen: 49.64 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

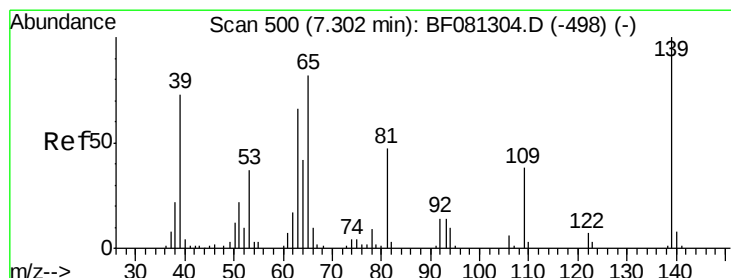
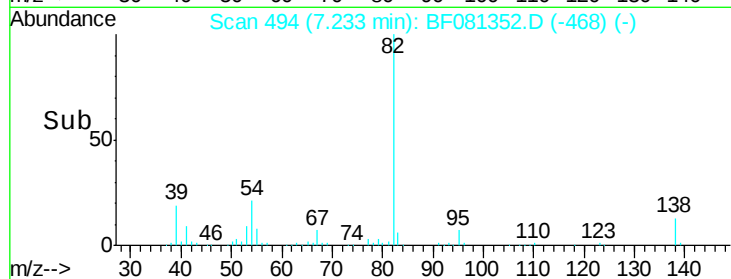
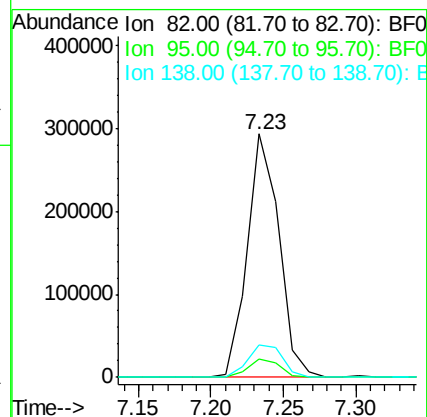
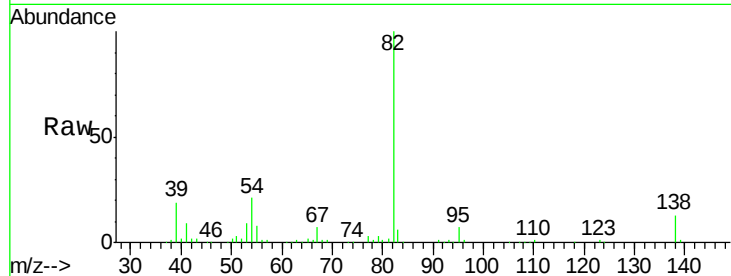
Tot Ion: 82 Resp: 443805

Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

138 13.4 18.3 27.5#



#26

2-Nitrophenol

Concen: 46.96 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

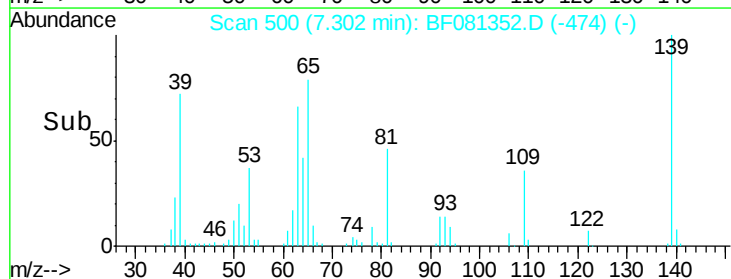
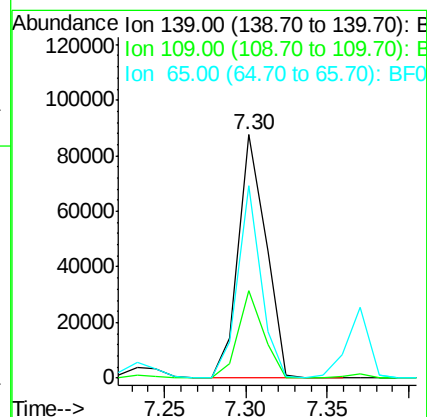
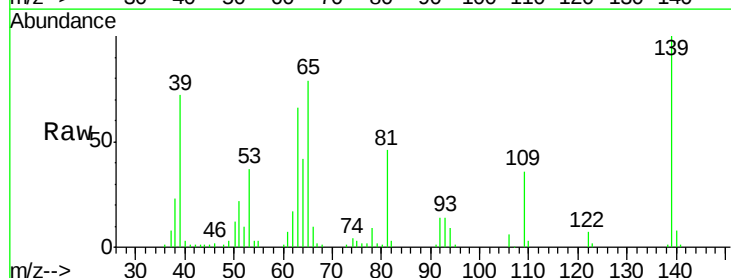
Tgt Ion: 139 Resp: 102157

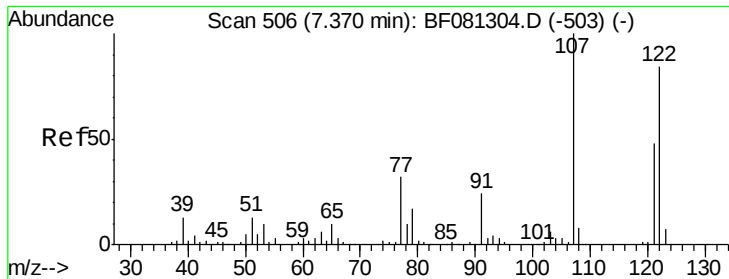
Ion Ratio Lower Upper

139 100

109 35.8 11.0 16.4#

65 79.0 24.7 37.1#

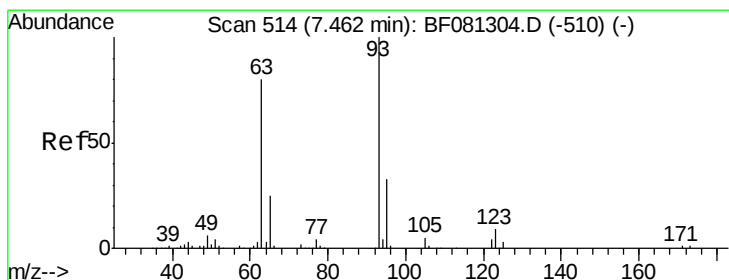
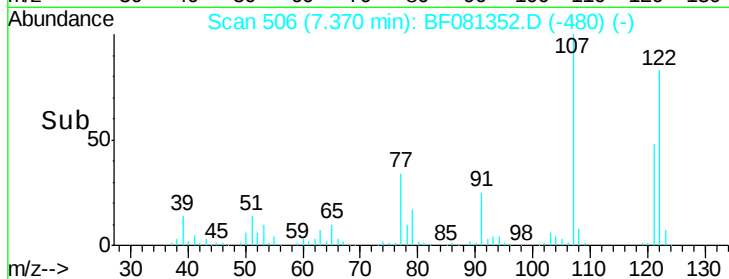
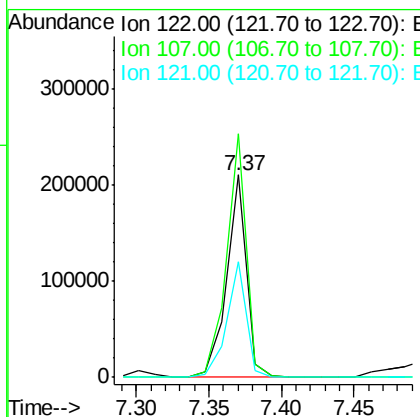
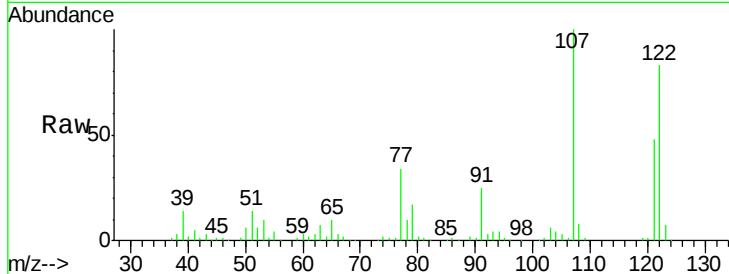




#27
 2,4-Dimethylphenol
 Concen: 52.78 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

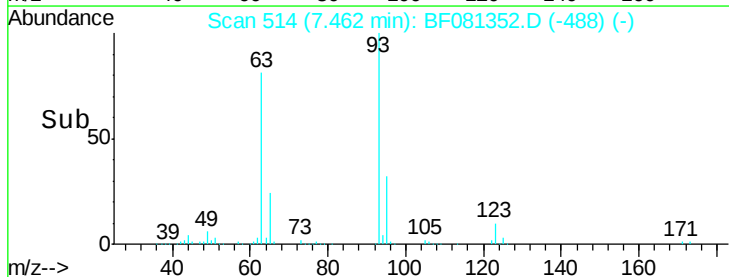
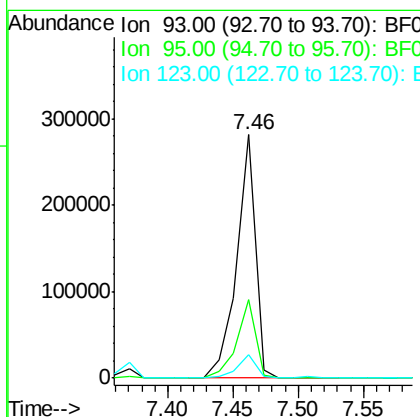
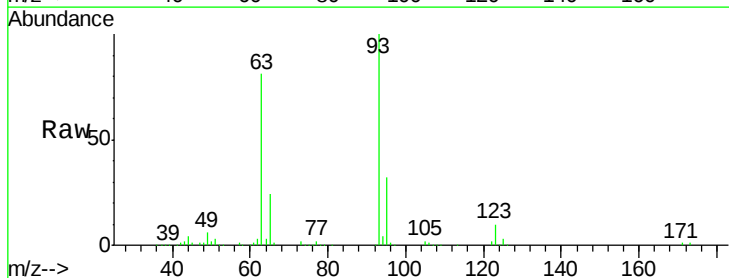
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

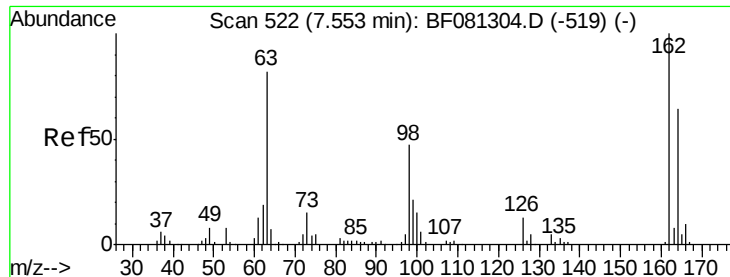
Tot Ion:122 Resp: 198330
 Ion Ratio Lower Upper
 122 100
 107 120.3 71.8 107.6#
 121 57.2 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.00 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion: 93 Resp: 278897
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.5 41.3
 123 9.6 13.7 20.5#

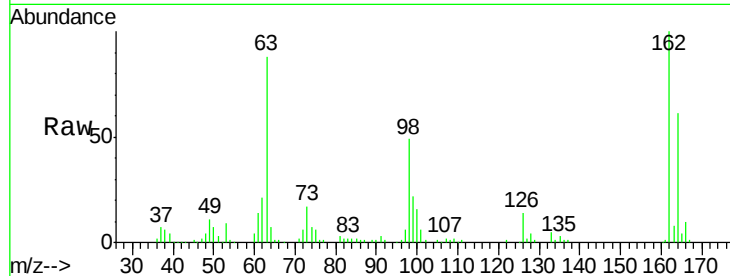




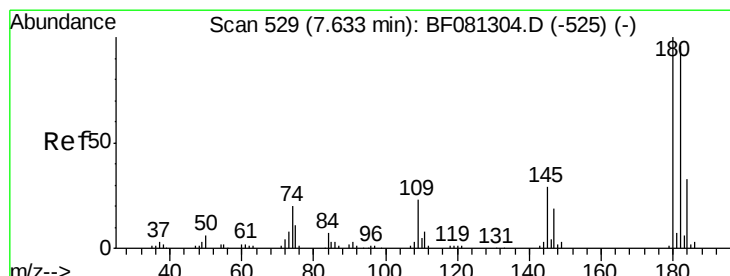
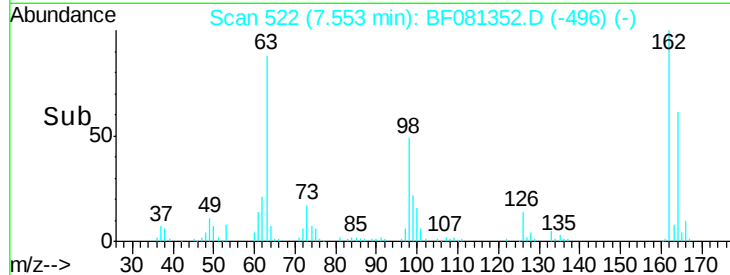
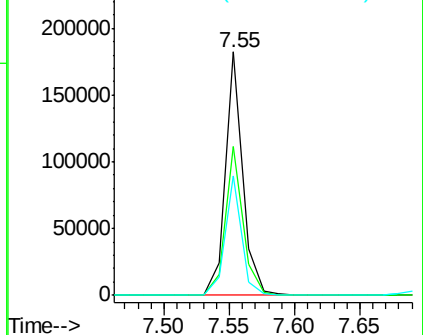
#29
 2,4-Dichlorophenol
 Concen: 51.79 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.9	84.9
98	48.8	13.0	53.0

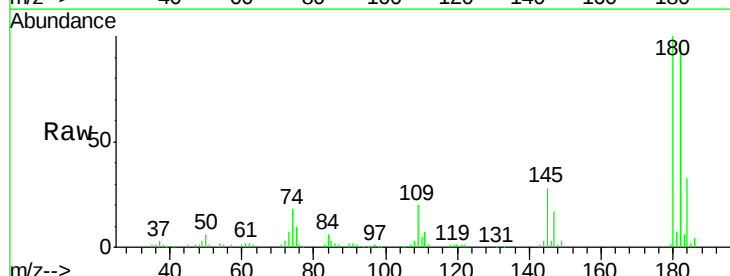


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

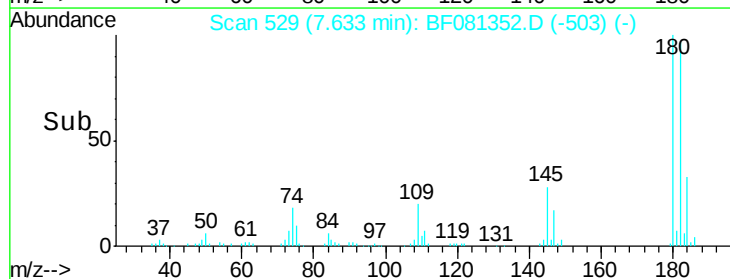
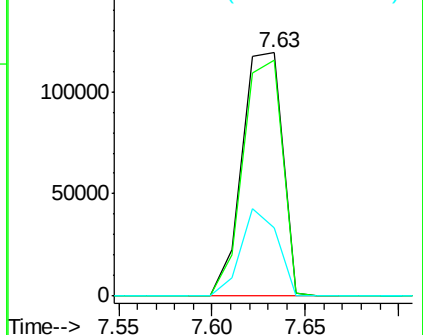


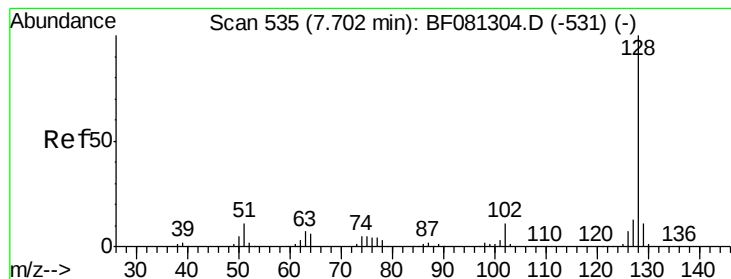
#30
 1,2,4-Trichlorobenzene
 Concen: 50.45 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.1	115.7
145	28.1	23.3	34.9



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





#31

Naphthalene

Concen: 49.42 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

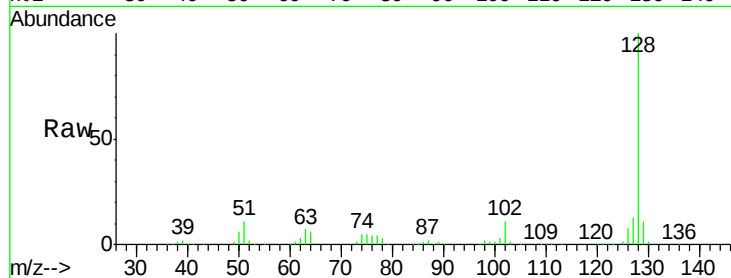
Tot Ion:128 Resp: 611220

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

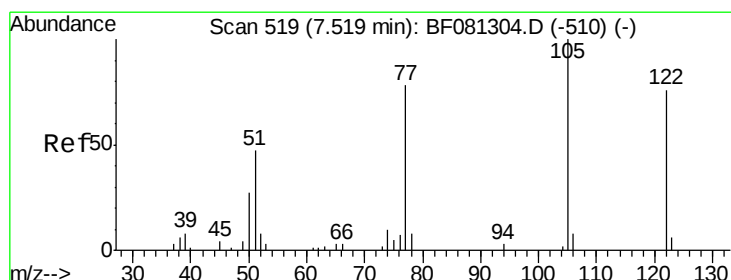
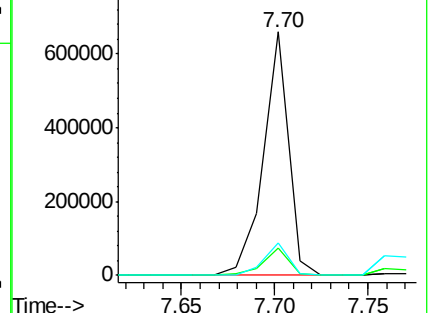
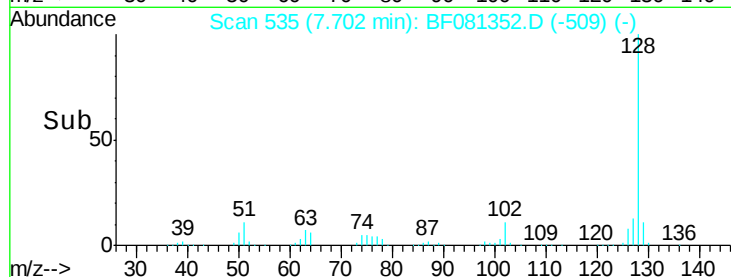
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.33 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

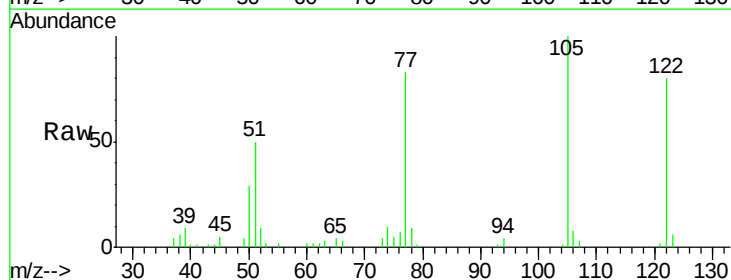
Tgt Ion:122 Resp: 50394

Ion Ratio Lower Upper

122 100

105 124.3 76.1 116.1#

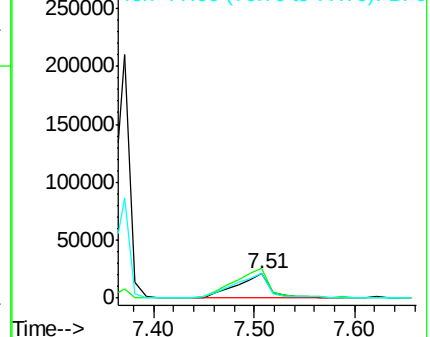
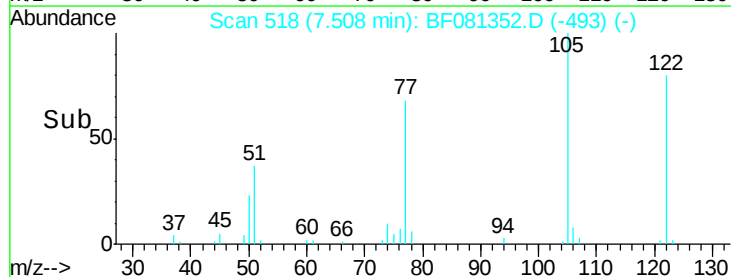
77 103.1 40.5 80.5#

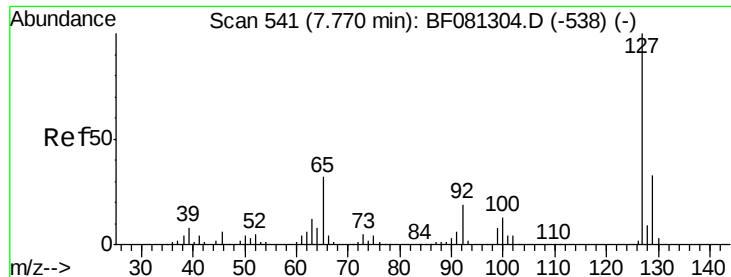


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

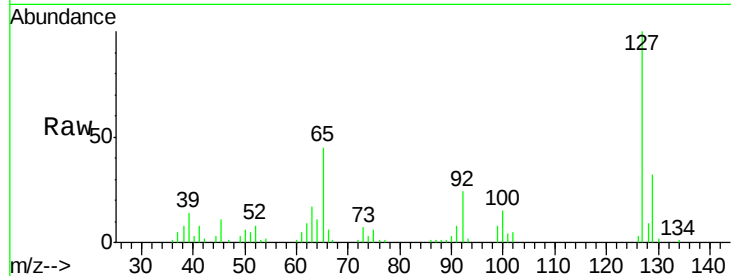




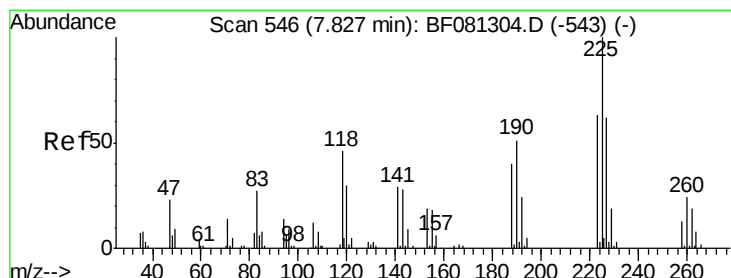
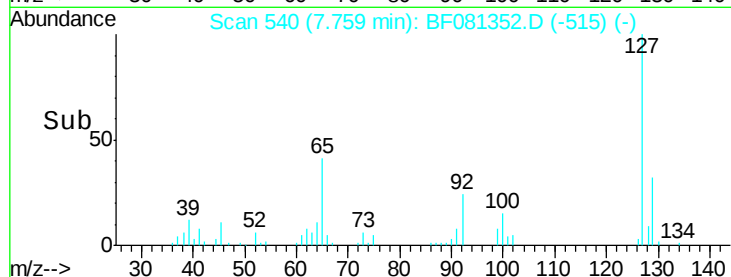
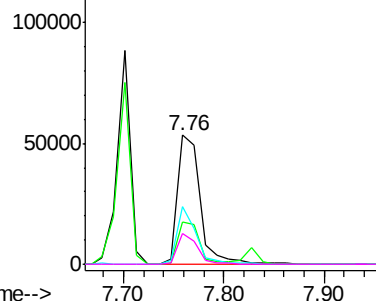
#33
4-Chloroaniline
Concen: 16.60 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion:127 Resp: 83728
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 45.0 17.9 26.9#
92 23.7 10.5 15.7#

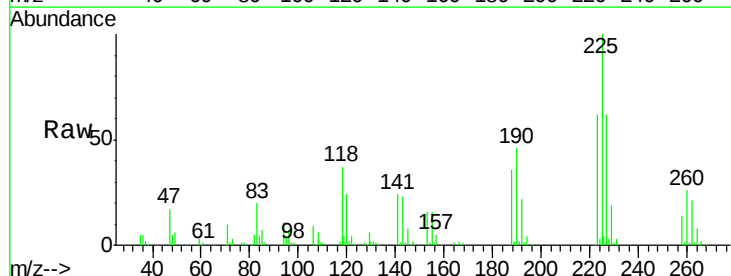


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

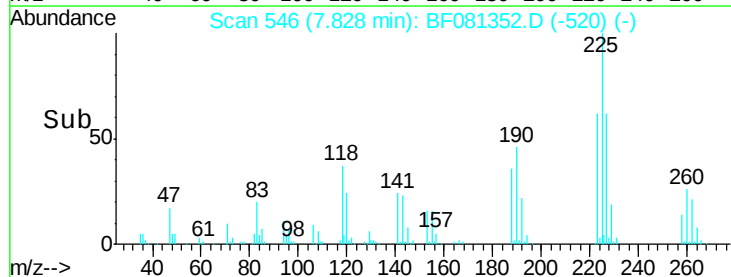
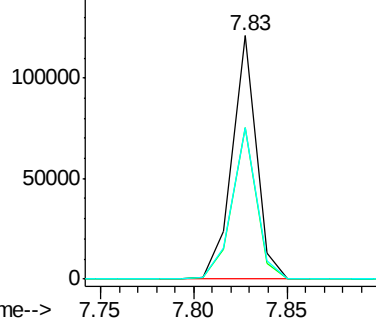


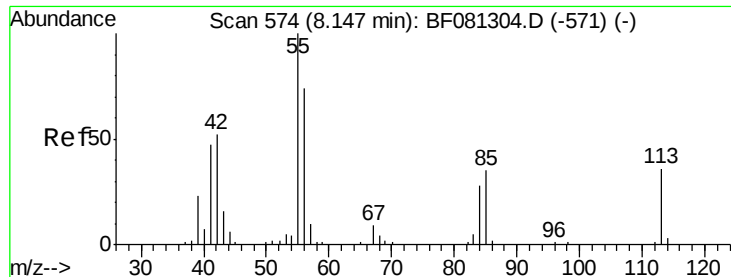
#34
Hexachlorobutadiene
Concen: 50.54 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion:225 Resp: 108875
Ion Ratio Lower Upper
225 100
223 62.4 50.2 75.2
227 62.0 52.2 78.2



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





#35

Caprolactam

Concen: 30.64 ng

RT: 8.16 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

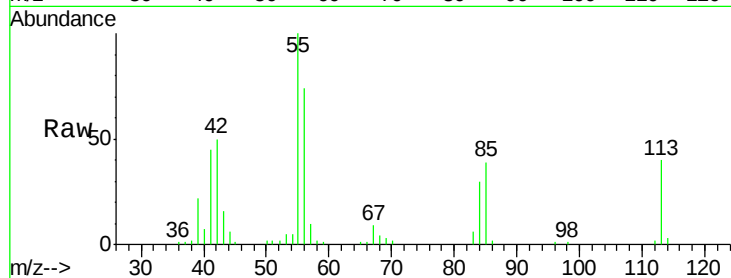
Tot Ion:113 Resp: 30618

Ion Ratio Lower Upper

113 100

55 252.7 152.4 192.4#

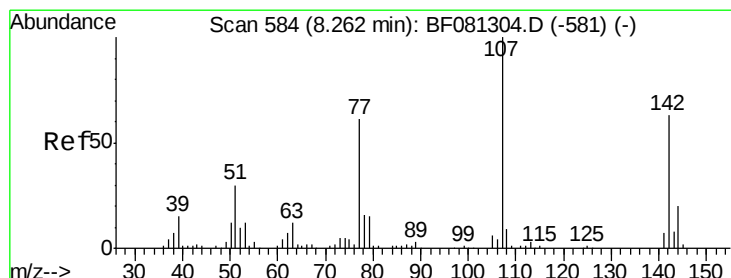
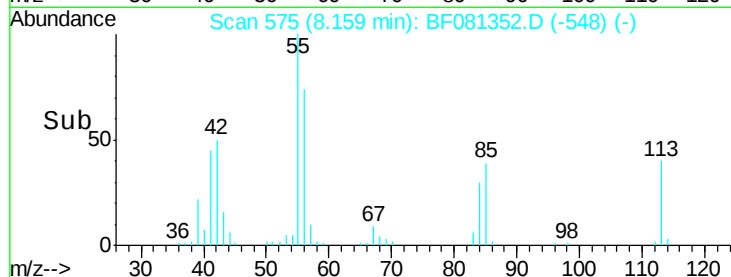
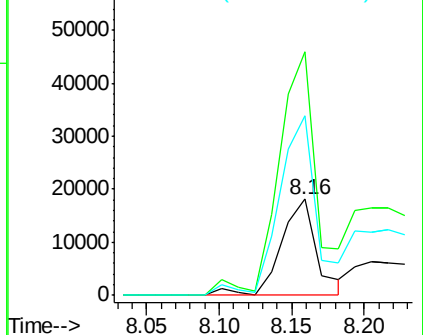
56 186.6 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 54.08 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

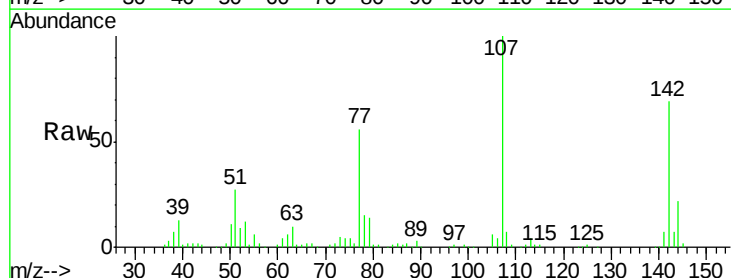
Tgt Ion:107 Resp: 197240

Ion Ratio Lower Upper

107 100

144 22.1 25.4 38.0#

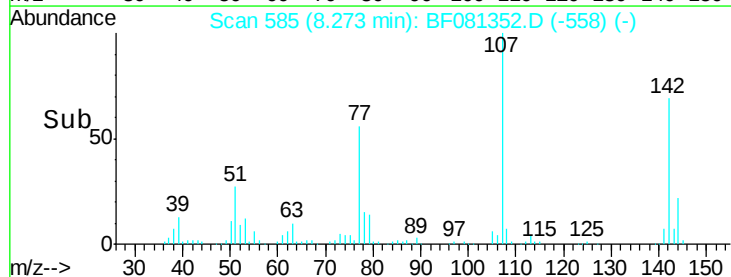
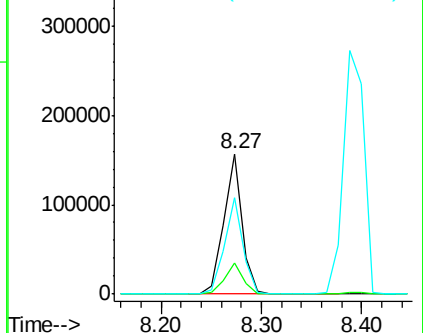
142 69.1 77.3 115.9#

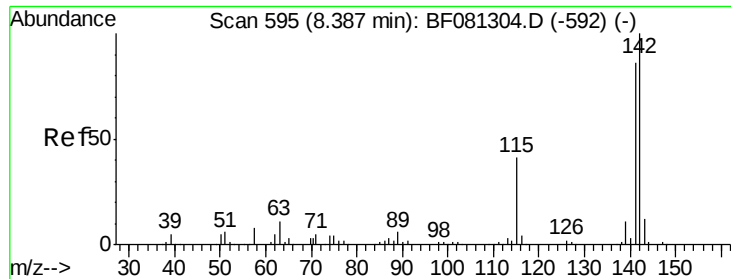


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

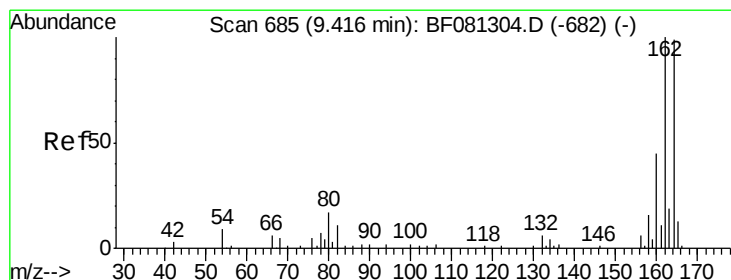
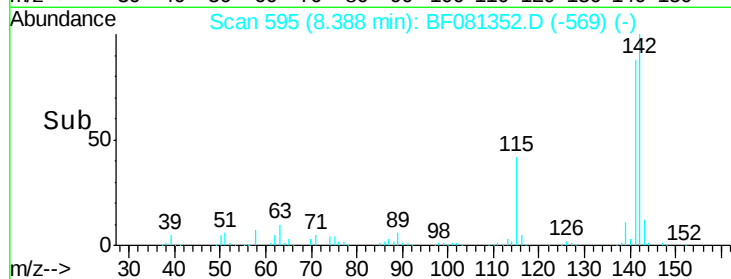
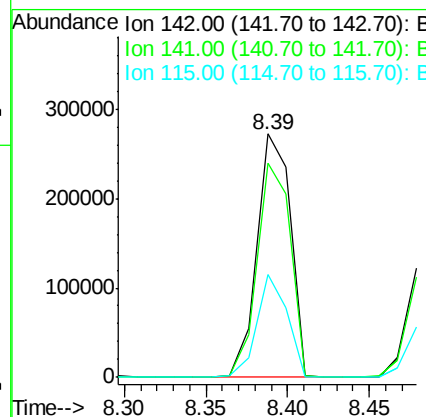
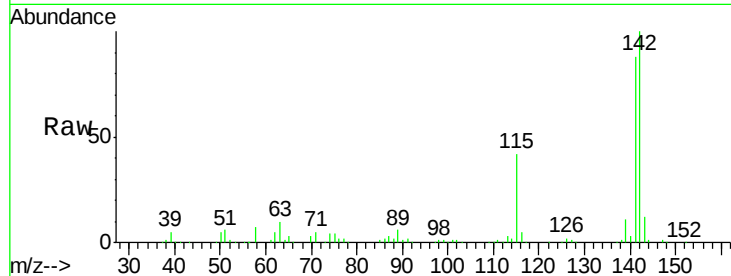




#37
 2-Methylnaphthalene
 Concen: 48.36 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

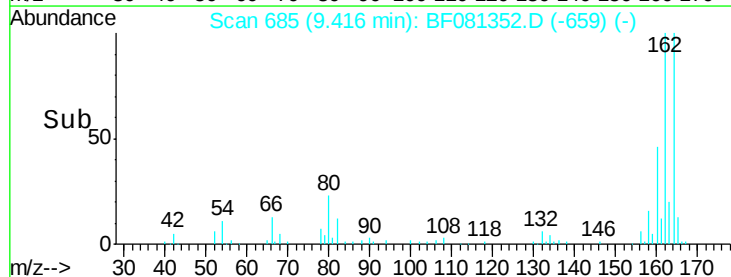
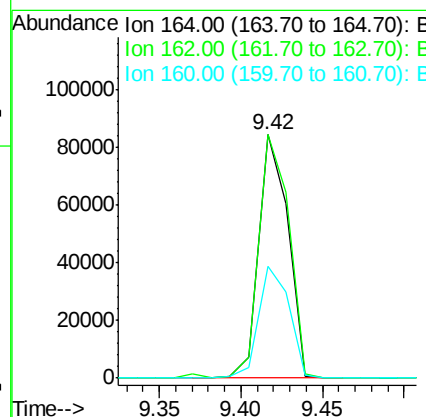
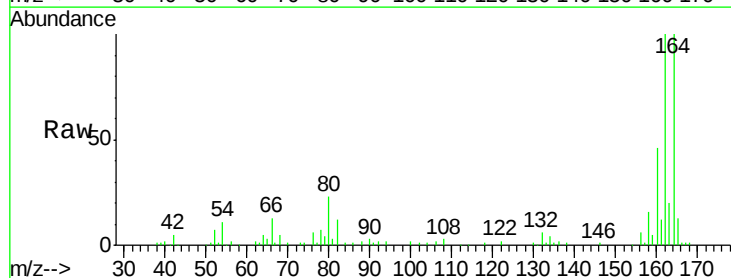
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

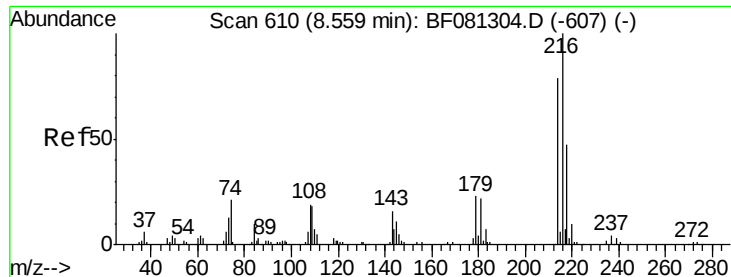
Tot Ion:142 Resp: 389231
 Ion Ratio Lower Upper
 142 100
 141 87.9 67.5 101.3
 115 42.4 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:164 Resp: 105367
 Ion Ratio Lower Upper
 164 100
 162 100.2 75.2 112.8
 160 46.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.08 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion:216 Resp: 156883

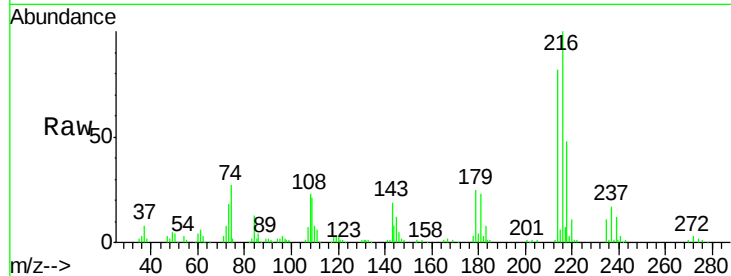
Ion Ratio Lower Upper

216 100

214 81.1 63.5 95.3

179 24.2 16.6 24.8

108 26.4 16.3 24.5#

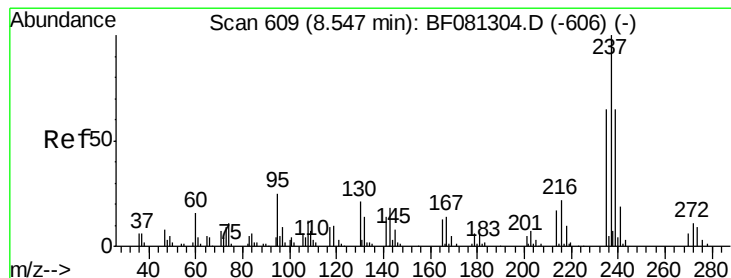
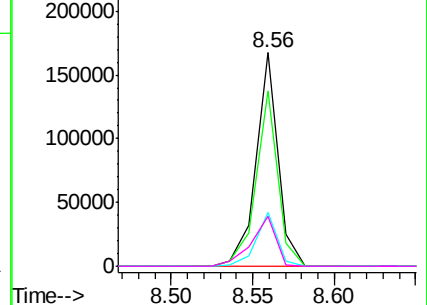
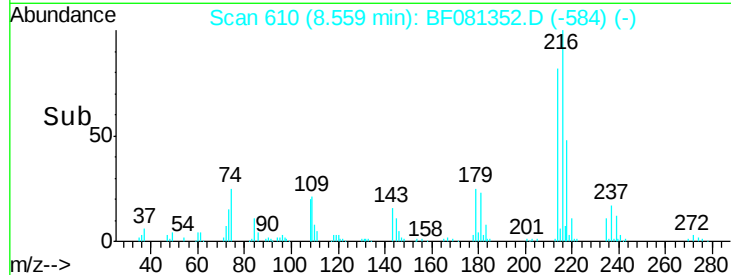


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 103.19 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

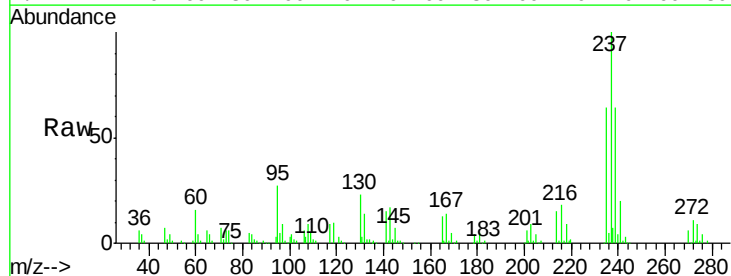
Tgt Ion:237 Resp: 168751

Ion Ratio Lower Upper

237 100

235 63.5 42.0 82.0

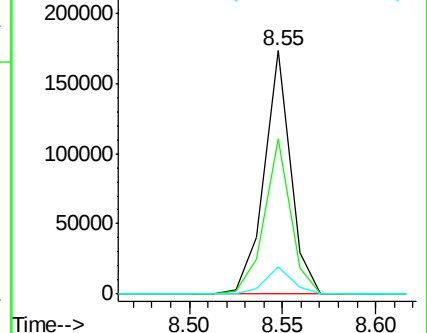
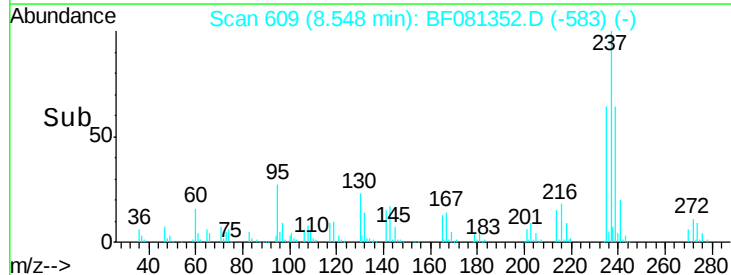
272 11.0 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

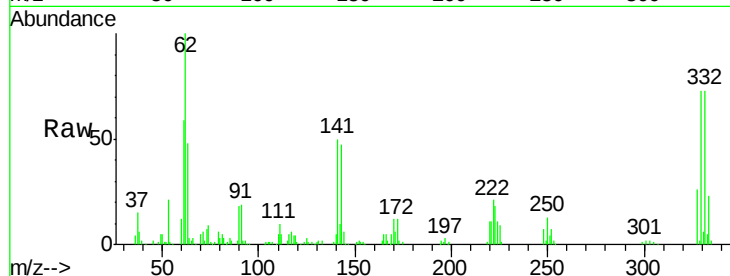




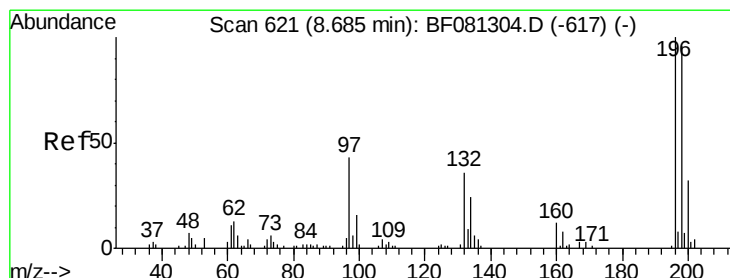
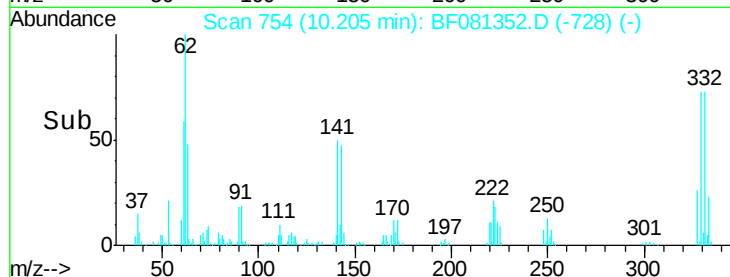
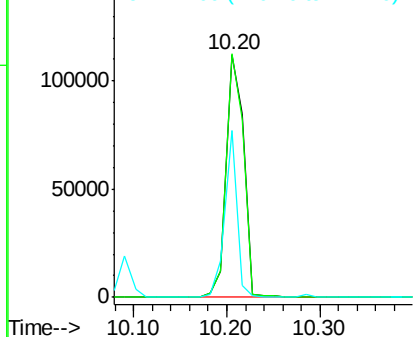
#41
 2,4,6-Tribromophenol
 Concen: 157.46 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion:330 Resp: 147723
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 47.5 29.7 44.5#

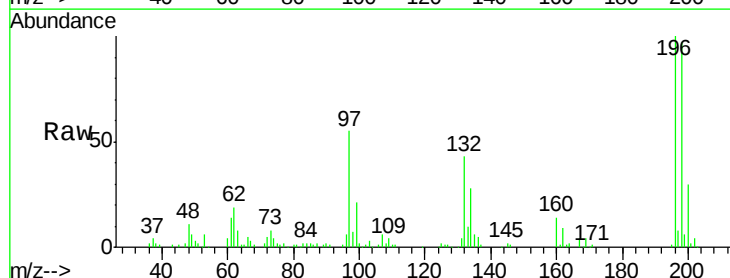


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

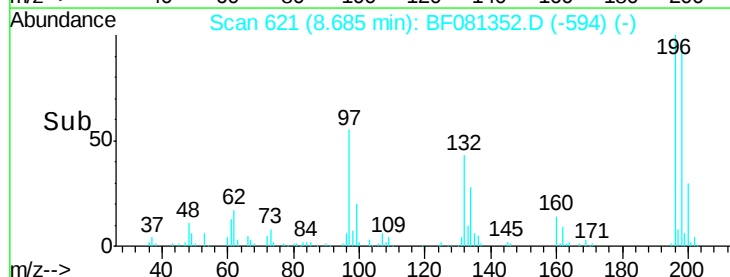
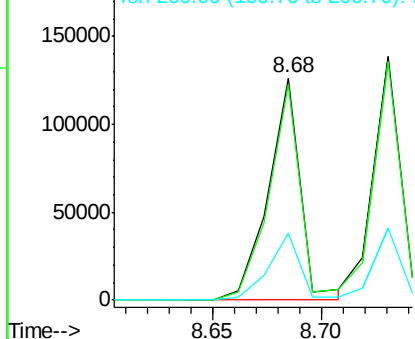


#42
 2,4,6-Trichlorophenol
 Concen: 56.69 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:196 Resp: 130369
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.7 113.5
 200 30.4 23.9 35.9



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

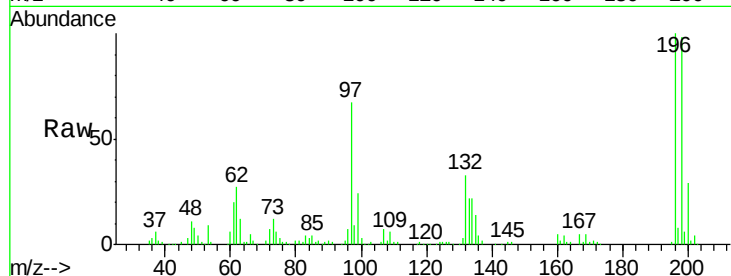




#43
 2,4,5-Trichlorophenol
 Concen: 52.29 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	98.1	75.4	113.0	
97	67.1	33.3	49.9	
132	33.4	24.6	37.0	



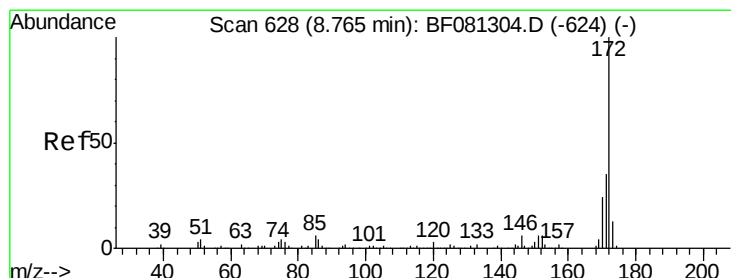
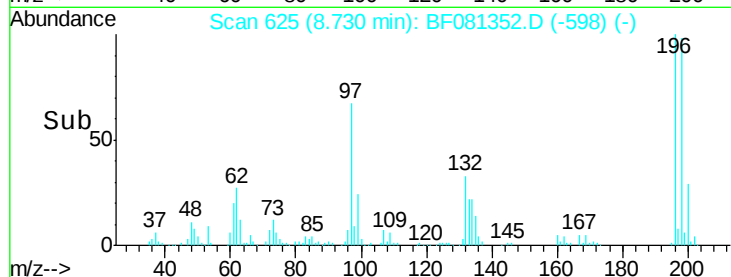
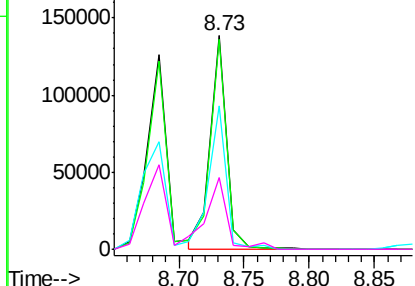
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.35 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

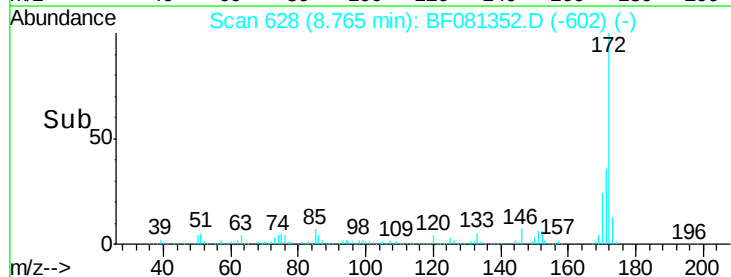
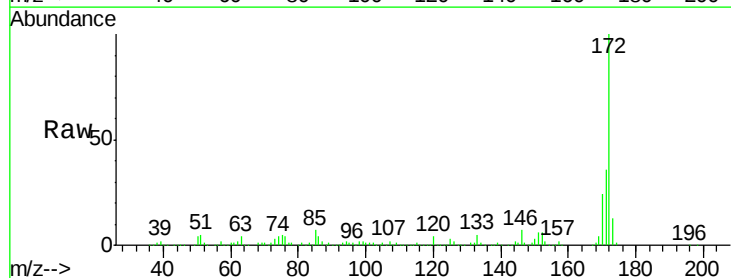
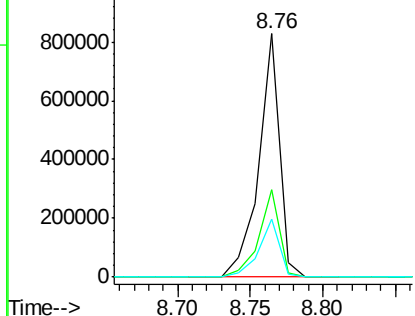
Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	26.1	39.1	
170	24.0	17.4	26.2	

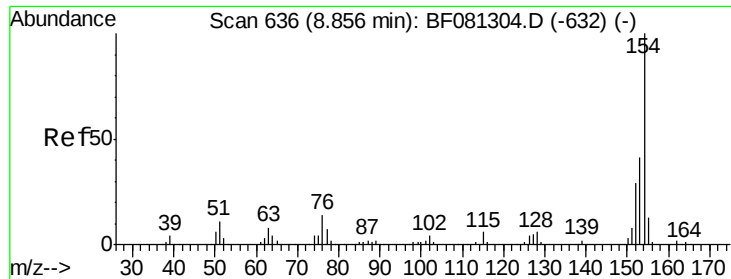
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

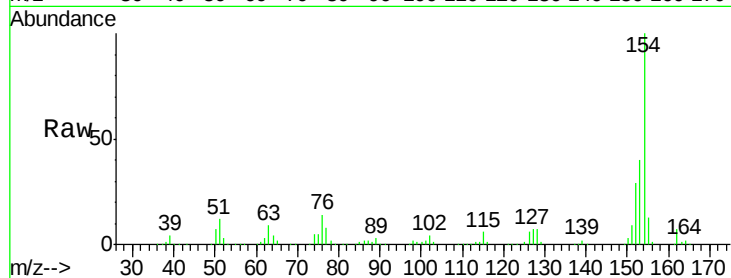




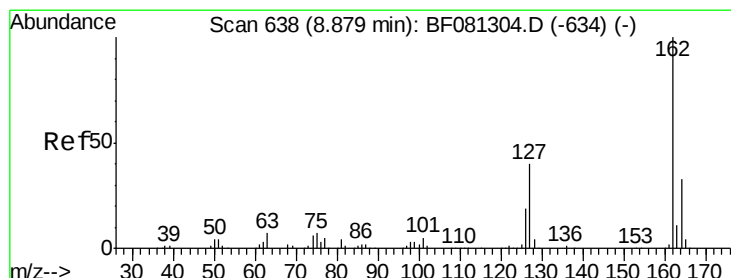
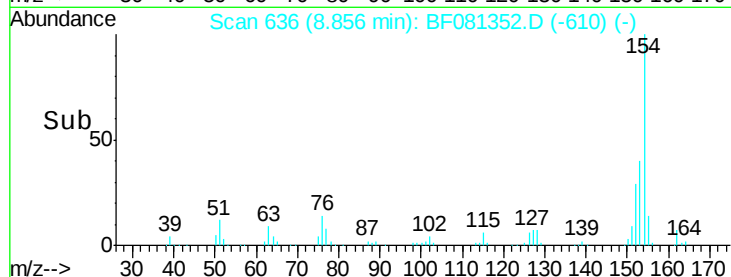
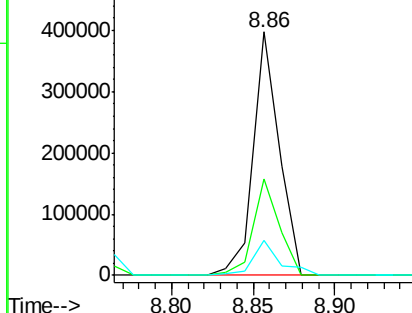
#45
 1,1'-Biphenyl
 Concen: 45.35 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion:154 Resp: 439640
 Ion Ratio Lower Upper
 154 100
 153 39.5 17.1 57.1
 76 14.4 0.0 31.6

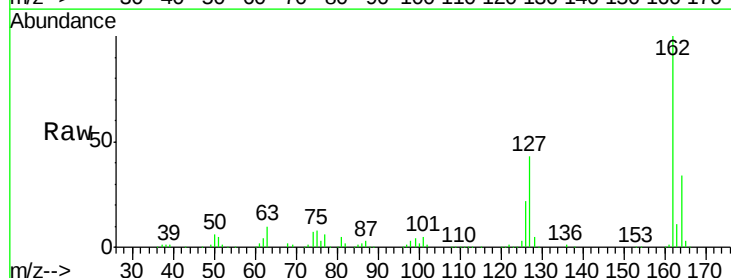


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

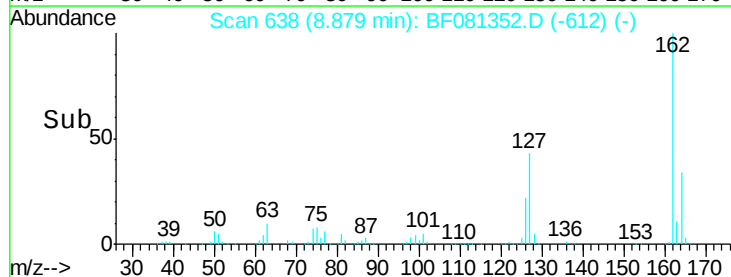
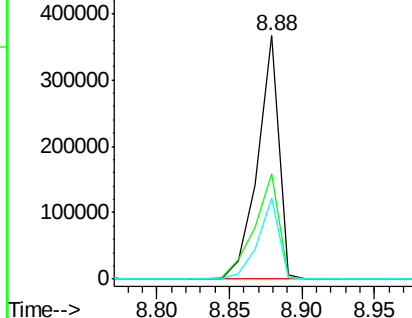


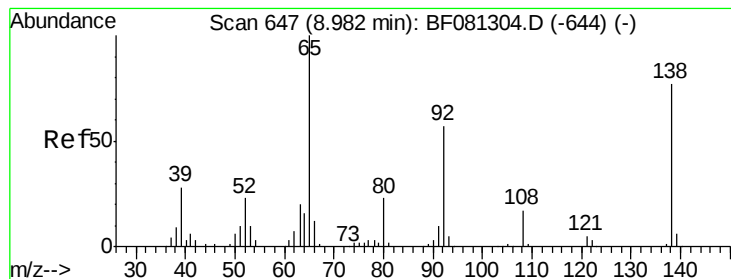
#46
 2-Chloronaphthalene
 Concen: 53.27 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:162 Resp: 372893
 Ion Ratio Lower Upper
 162 100
 127 43.4 27.6 41.4#
 164 33.5 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.89 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

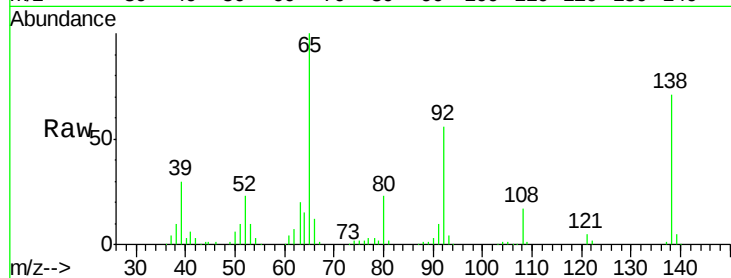
Tot Ion: 65 Resp: 133782

Ion Ratio Lower Upper

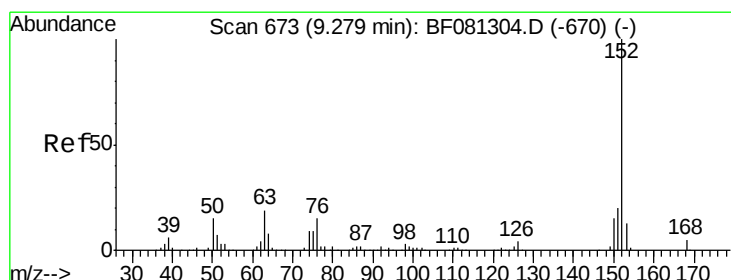
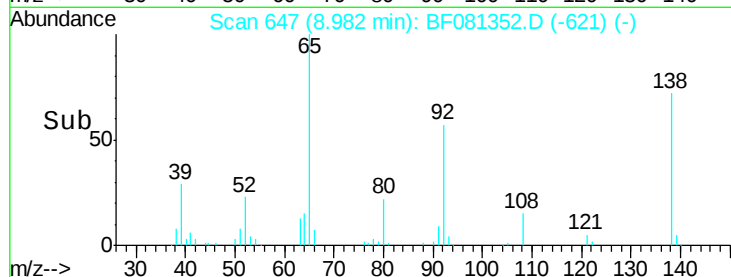
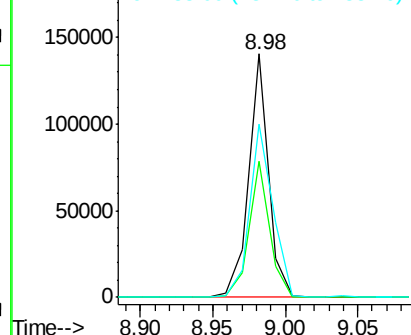
65 100

92 56.1 55.4 83.0

138 71.2 115.5 173.3#



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



#48

Acenaphthylene

Concen: 45.63 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

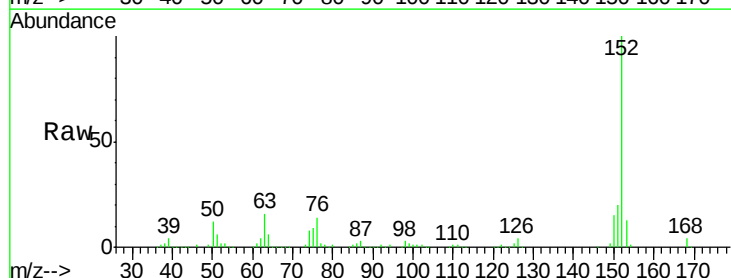
Tgt Ion: 152 Resp: 566665

Ion Ratio Lower Upper

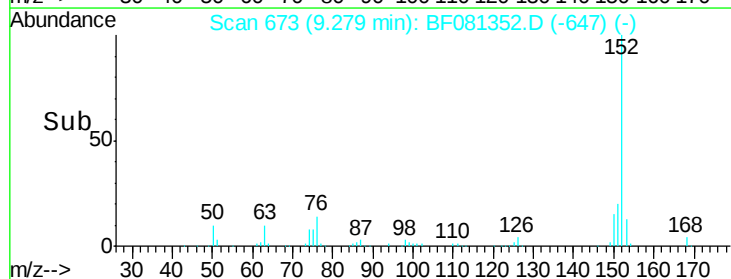
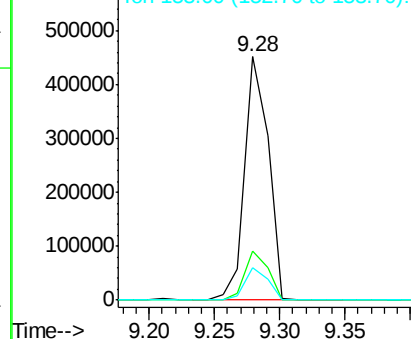
152 100

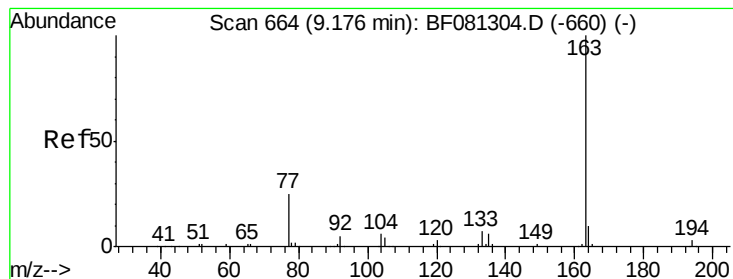
151 20.2 14.6 22.0

153 13.4 10.3 15.5



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





#49

Dimethylphthalate

Concen: 67.11 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

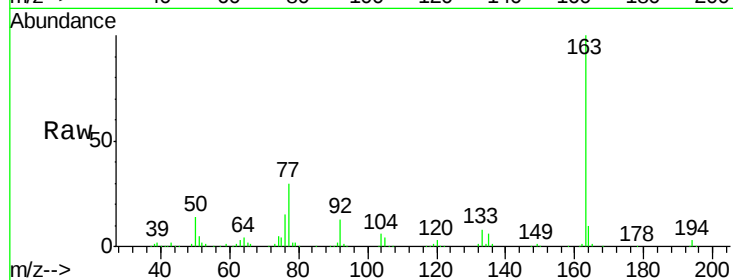
Tot Ion:163 Resp: 549432

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

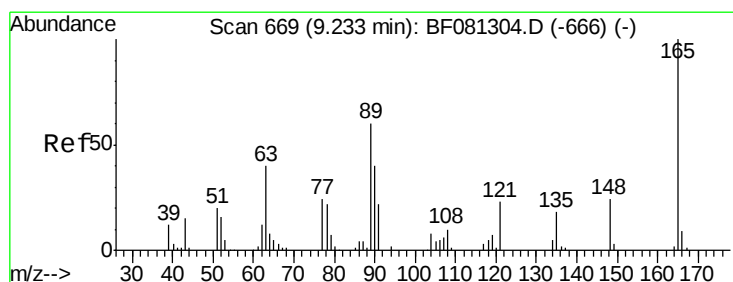
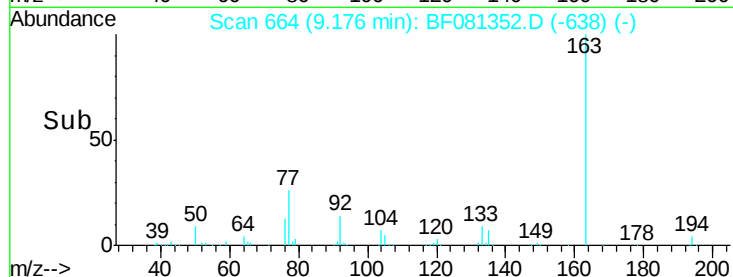
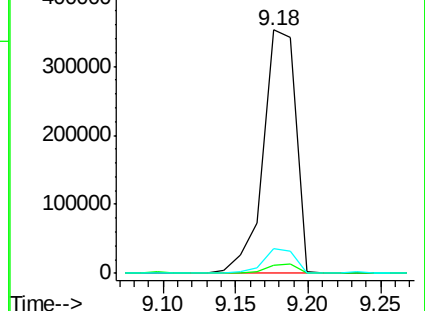
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.42 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

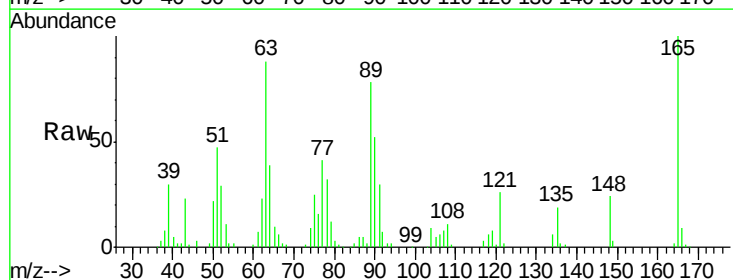
Tgt Ion:165 Resp: 82529

Ion Ratio Lower Upper

165 100

63 88.4 32.3 48.5#

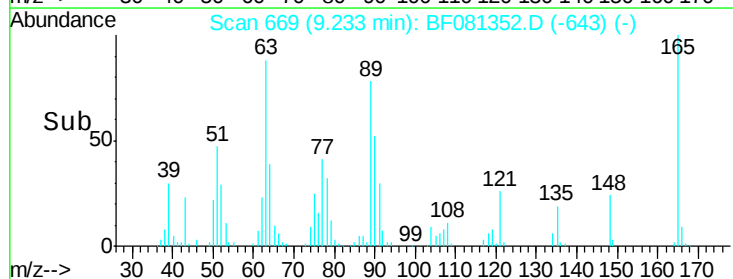
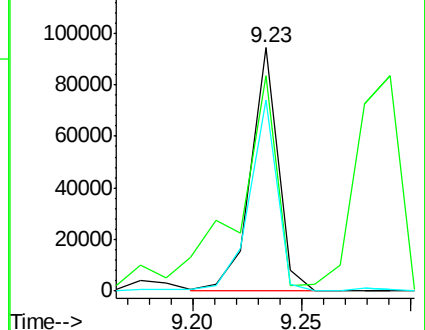
89 78.5 28.6 43.0#

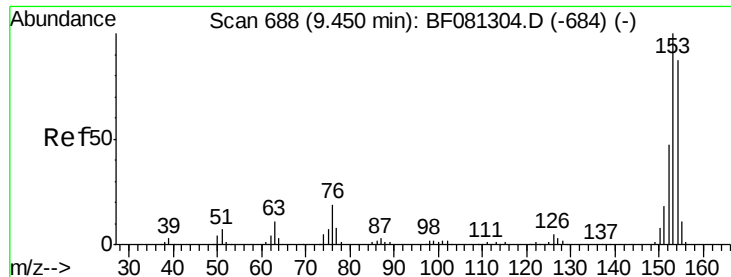


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.62 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

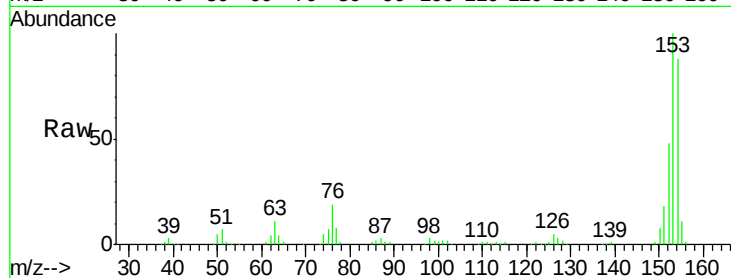
Tot Ion:154 Resp: 336434

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

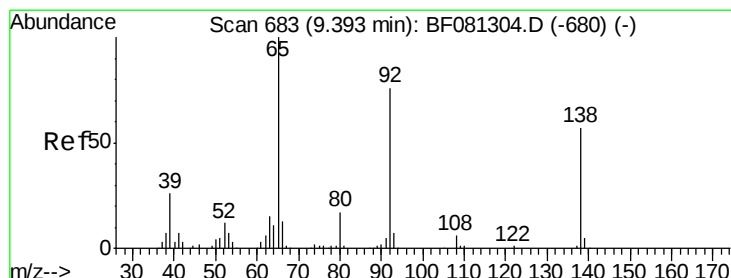
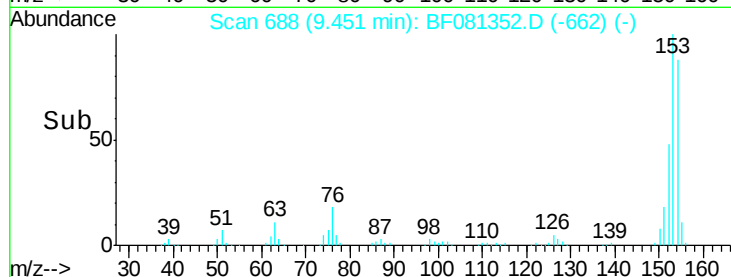
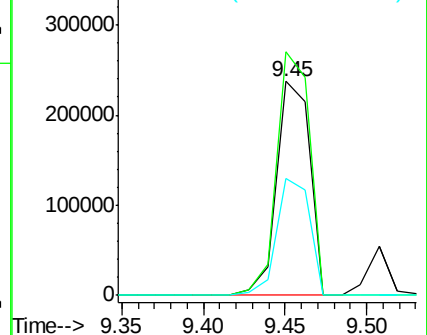
152 54.7 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.26 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

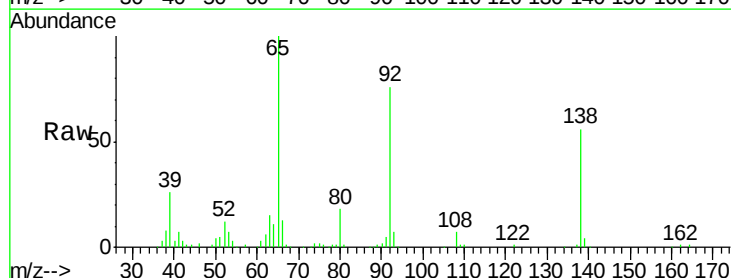
Tgt Ion:138 Resp: 66121

Ion Ratio Lower Upper

138 100

108 11.7 5.7 8.5#

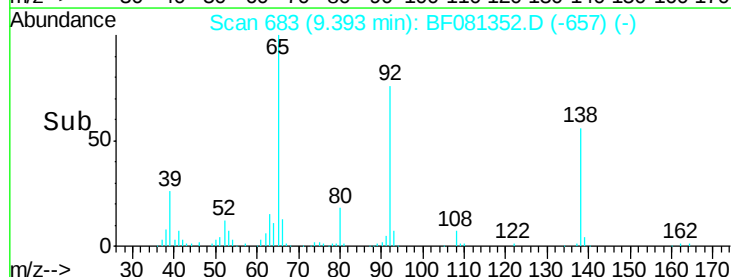
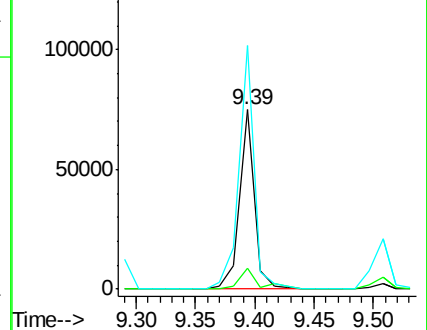
92 135.7 67.7 101.5#

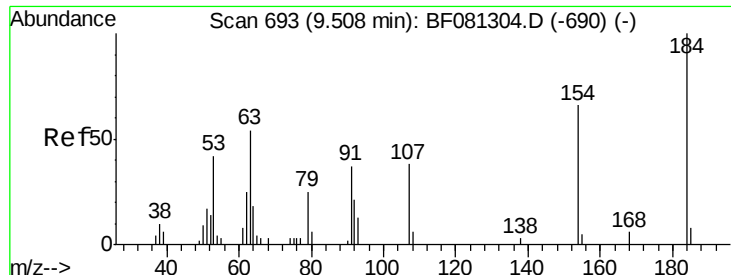


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

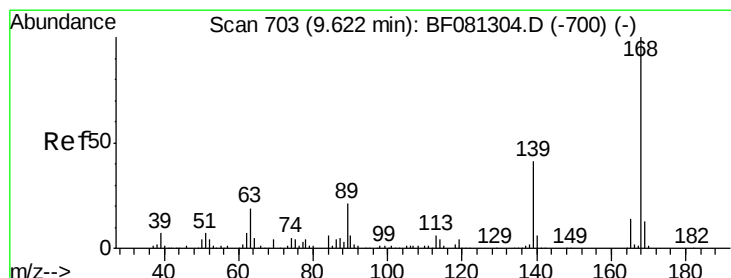
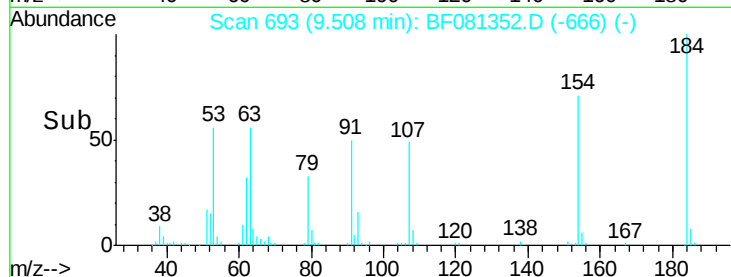
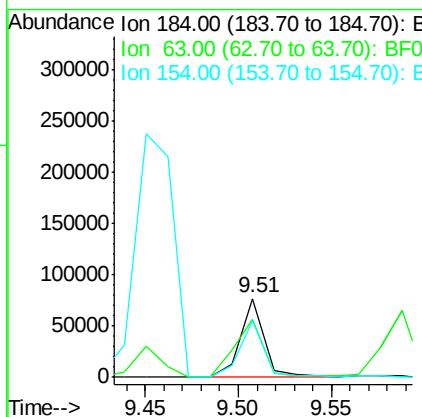
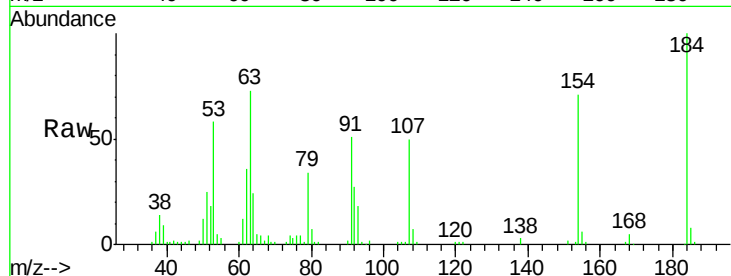




#53
 2,4-Dinitrophenol
 Concen: 89.37 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

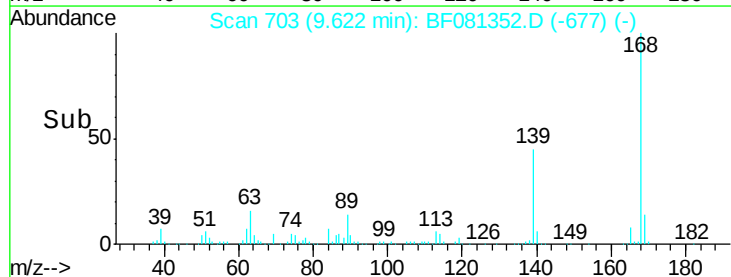
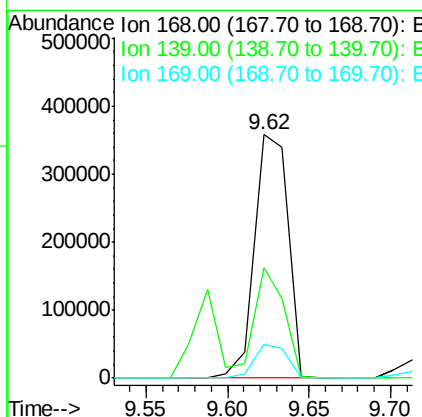
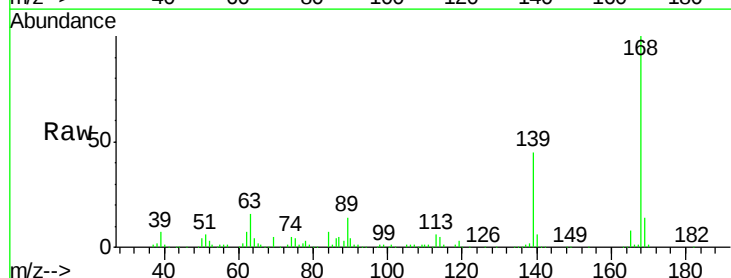
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

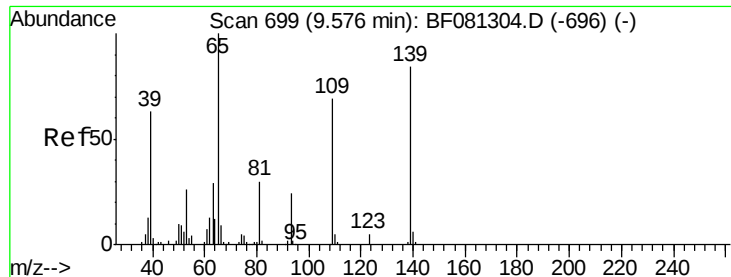
Tot Ion:184 Resp: 69940
 Ion Ratio Lower Upper
 184 100
 63 73.0 35.4 53.2#
 154 71.4 32.2 48.4#



#54
 Dibenzofuran
 Concen: 49.59 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:168 Resp: 511536
 Ion Ratio Lower Upper
 168 100
 139 45.2 24.2 36.2#
 169 13.8 10.6 15.8

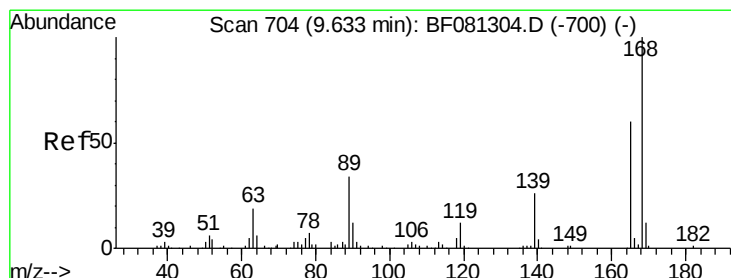
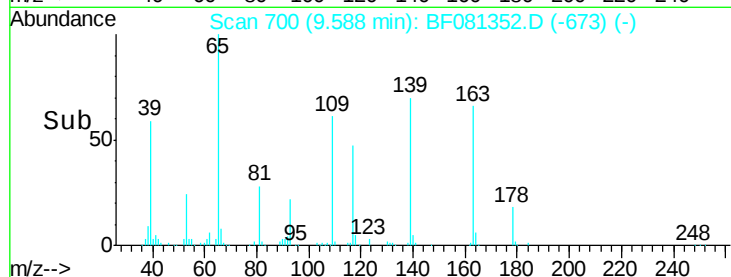
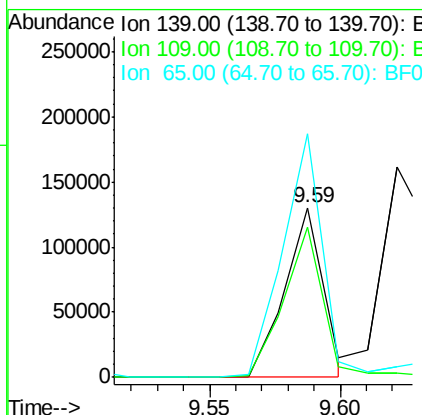
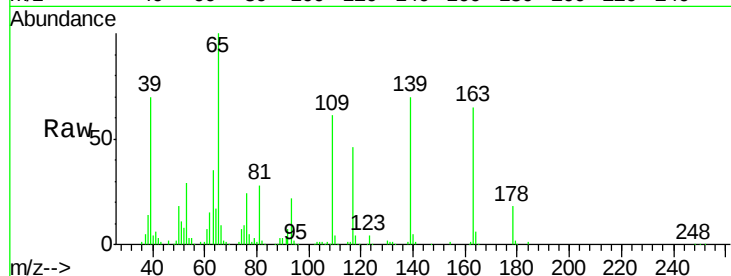




#55
4-Nitrophenol
Concen: 100.53 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

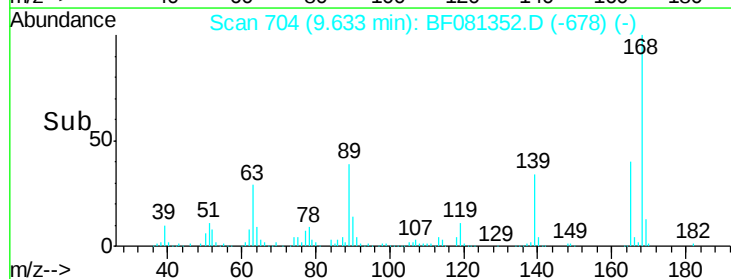
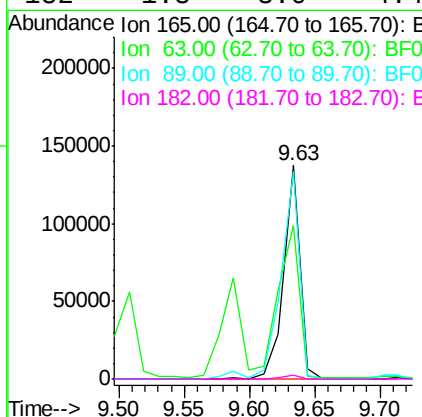
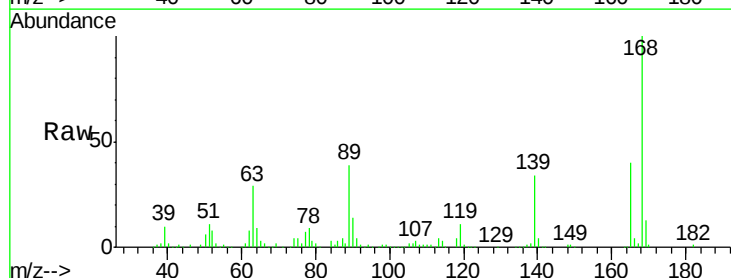
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

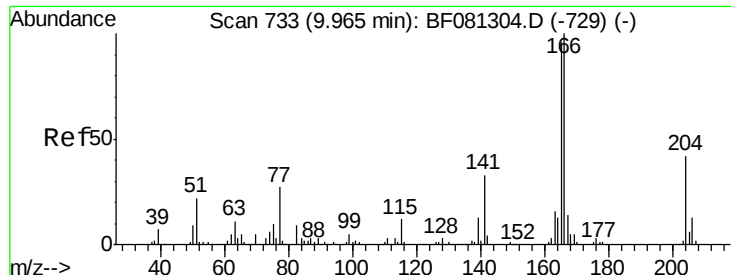
Tot Ion:139 Resp: 133592
Ion Ratio Lower Upper
139 100
109 88.3 12.7 52.7#
65 143.7 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 51.46 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion:165 Resp: 121746
Ion Ratio Lower Upper
165 100
63 72.2 29.8 44.6#
89 97.0 44.5 66.7#
182 1.8 3.0 4.4#

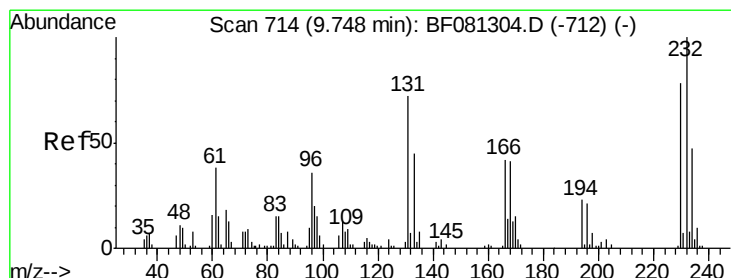
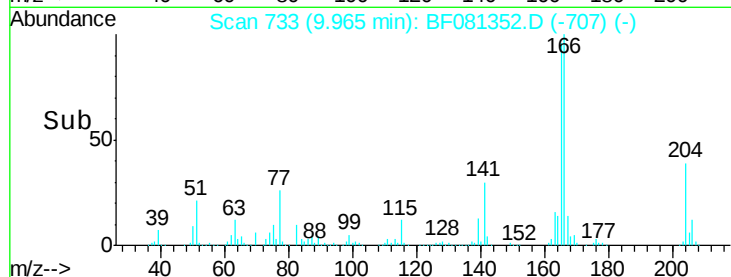
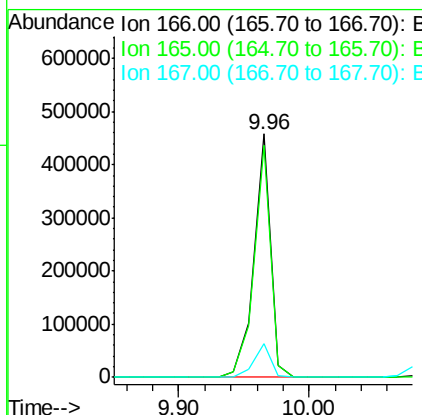
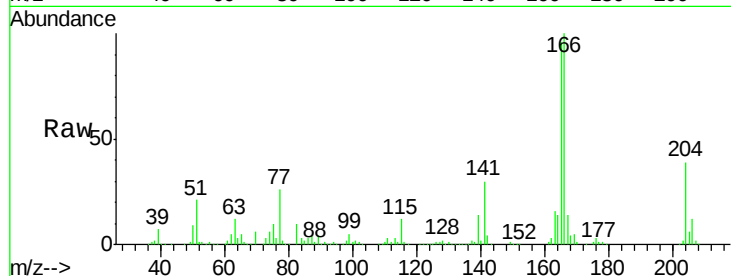




#57
Fluorene
 Concen: 52.00 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

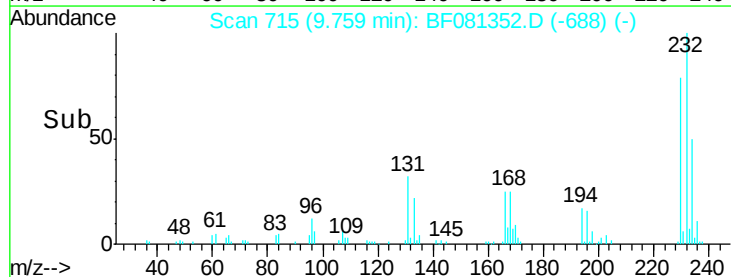
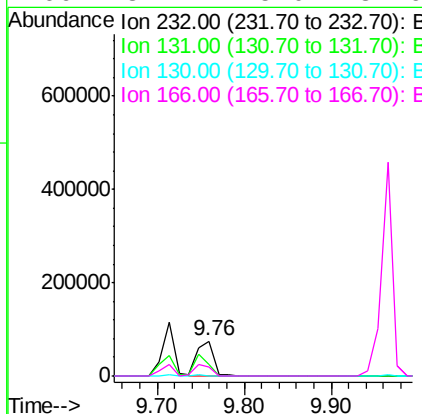
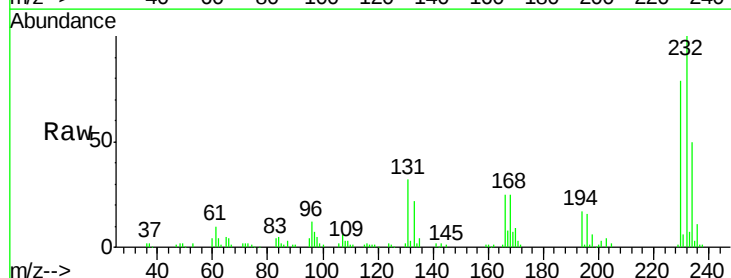
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

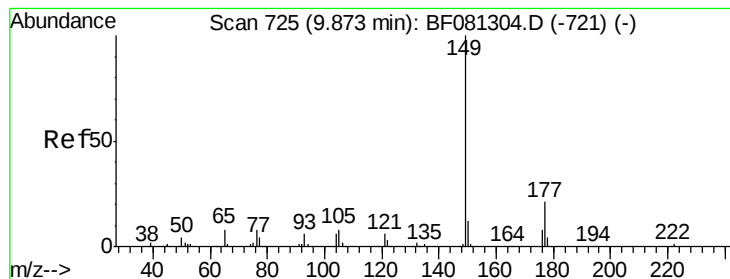
Tot Ion:166 Resp: 407106
 Ion Ratio Lower Upper
 166 100
 165 95.6 72.6 109.0
 167 13.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.63 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:232 Resp: 99639
 Ion Ratio Lower Upper
 232 100
 131 53.4 38.5 57.7
 130 2.6 1.8 2.6
 166 32.4 25.0 37.6





#59

Diethylphthalate

Concen: 50.69 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

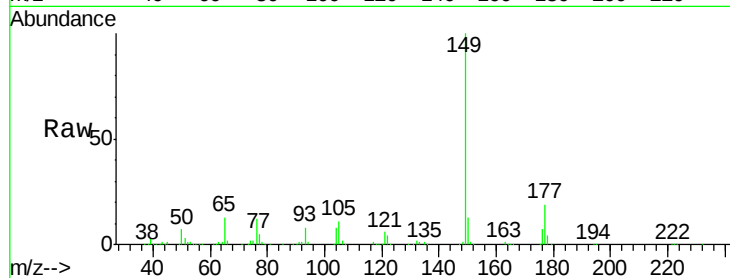
Tot Ion:149 Resp: 436534

Ion Ratio Lower Upper

149 100

177 18.7 17.5 26.3

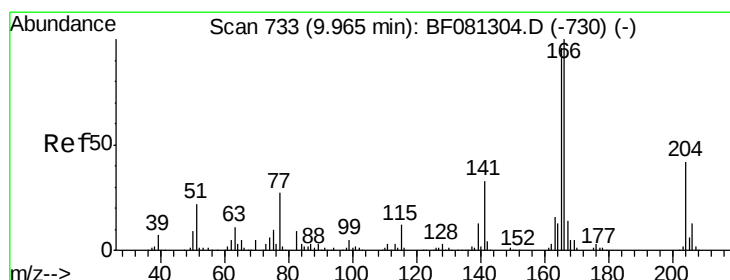
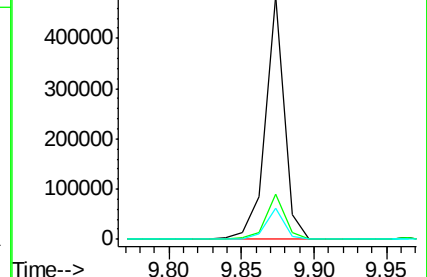
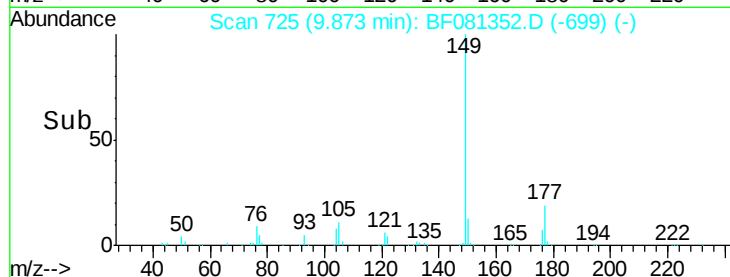
150 12.8 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.96 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

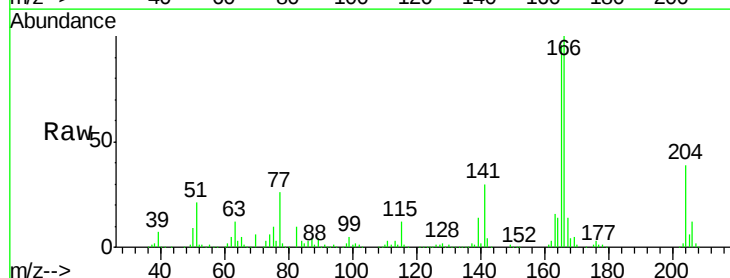
Tgt Ion:204 Resp: 175013

Ion Ratio Lower Upper

204 100

206 31.7 24.8 37.2

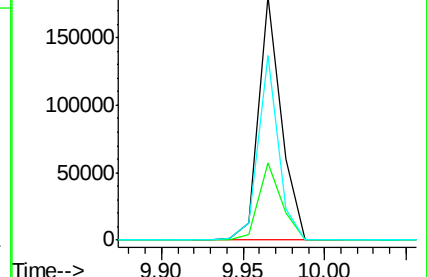
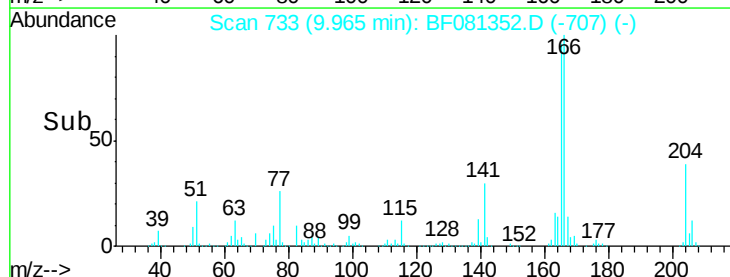
141 76.0 42.2 63.4#

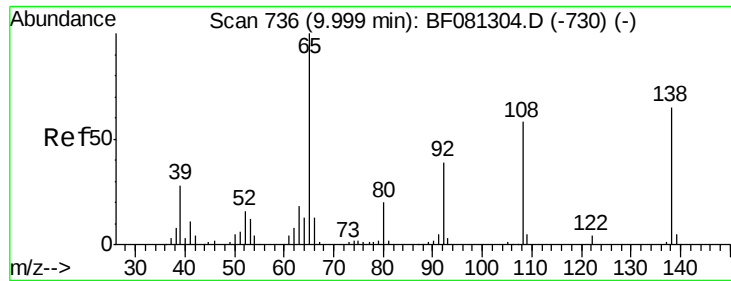


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.26 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

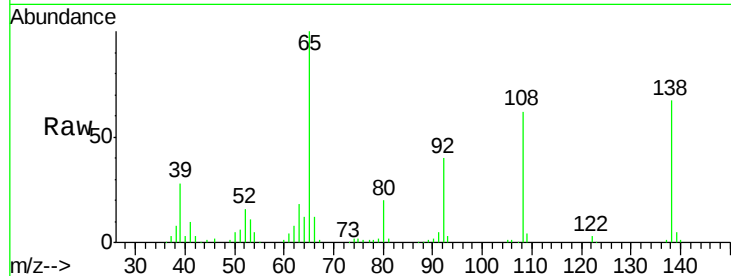
Tot Ion:138 Resp: 98862

Ion Ratio Lower Upper

138 100

92 59.4 12.6 52.6#

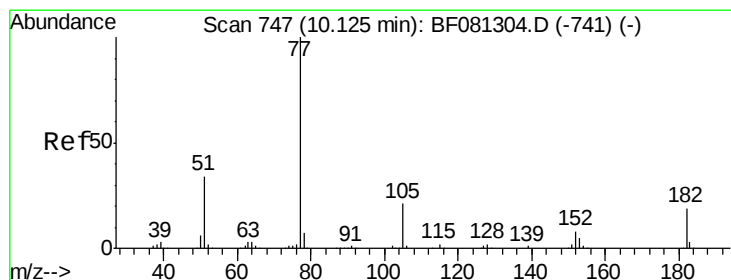
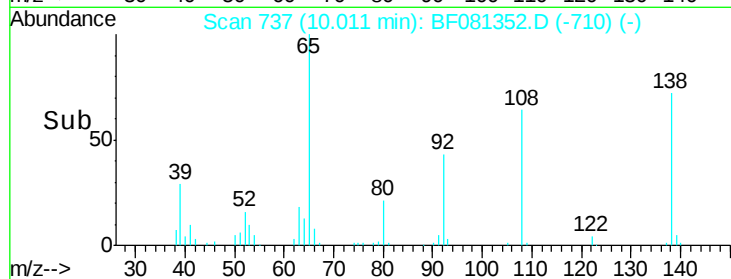
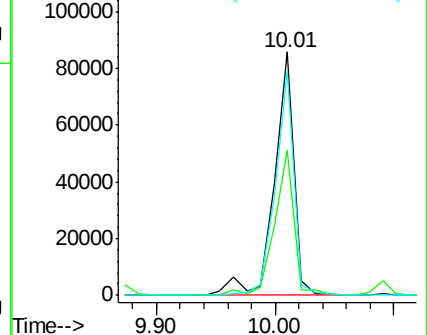
108 92.3 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.67 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Tgt Ion: 77 Resp: 513801

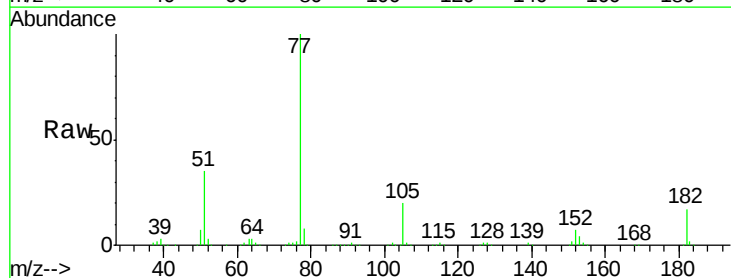
Ion Ratio Lower Upper

77 100

182 16.6 15.1 55.1

105 20.0 3.4 43.4

51 35.2 12.0 52.0

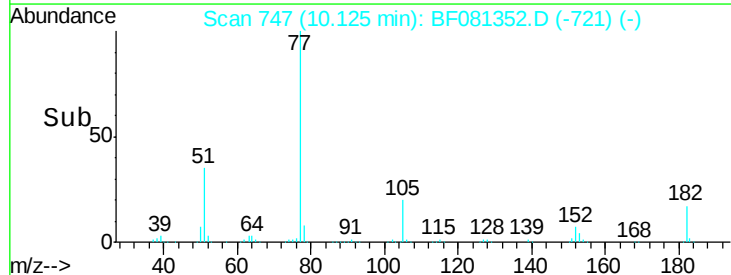
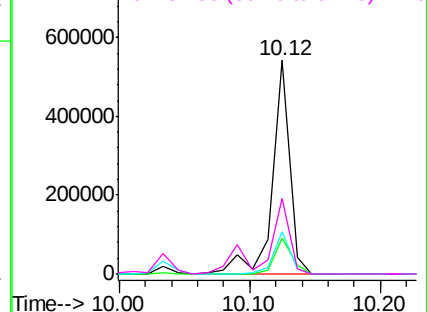


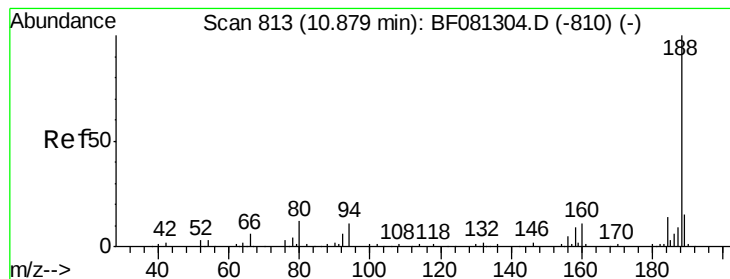
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

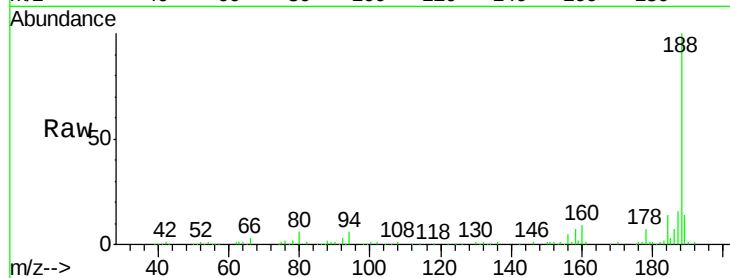
Tot Ion:188 Resp: 207370

Ion Ratio Lower Upper

188 100

94 5.6 11.1 16.7#

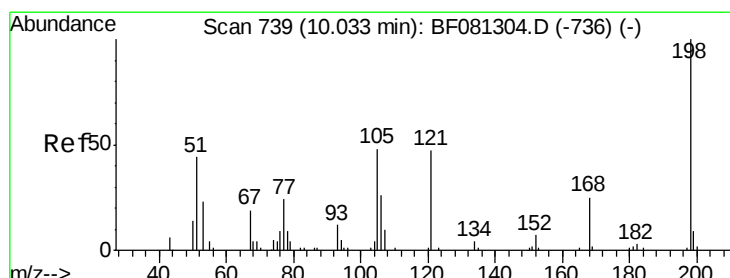
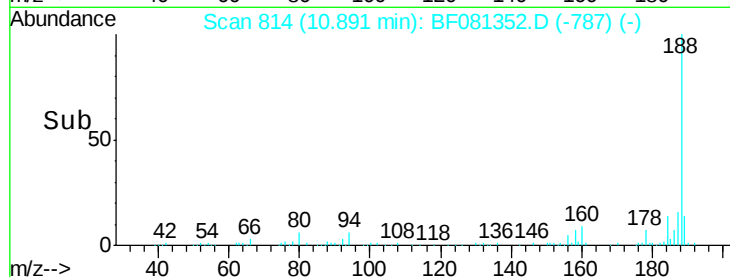
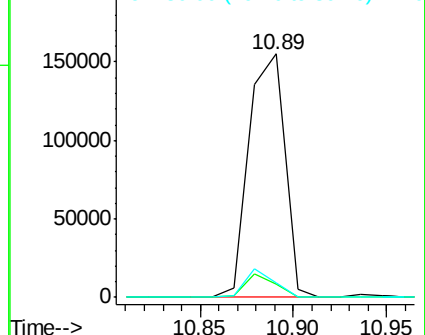
80 5.8 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.32 ng

RT: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

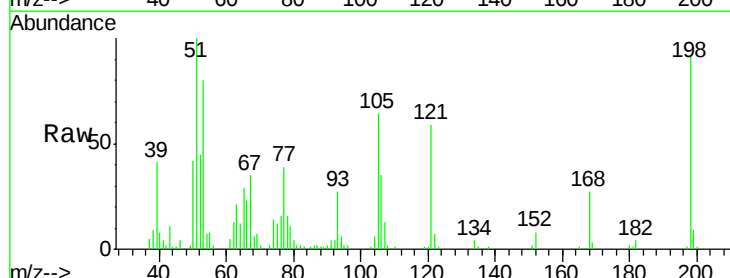
Tgt Ion:198 Resp: 57199

Ion Ratio Lower Upper

198 100

51 110.3 39.6 79.6#

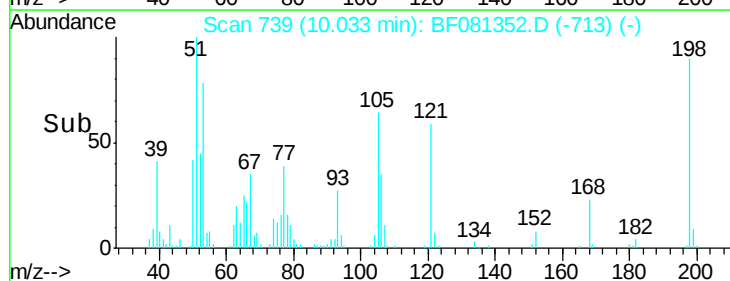
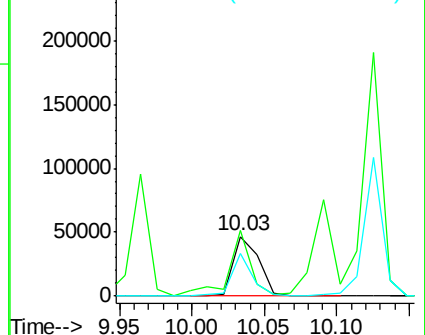
105 70.8 28.5 68.5#

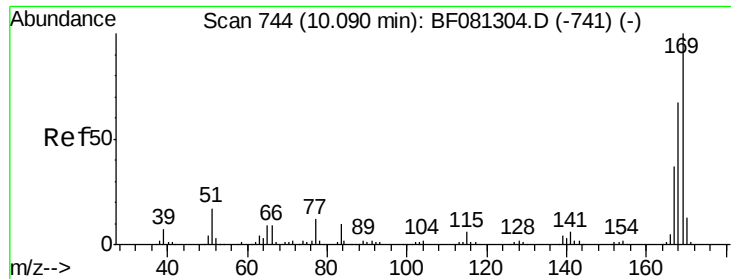


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

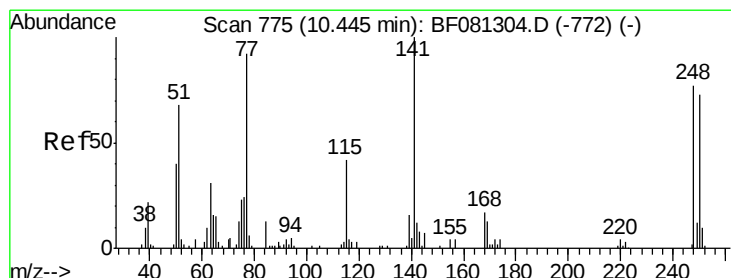
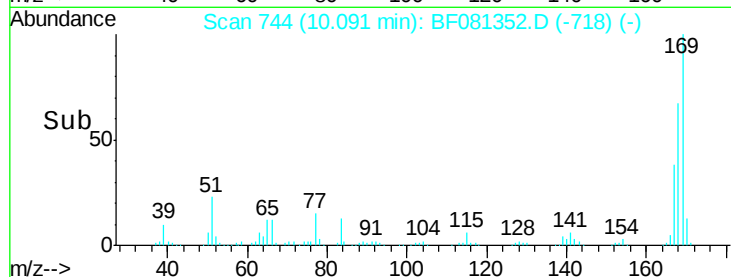
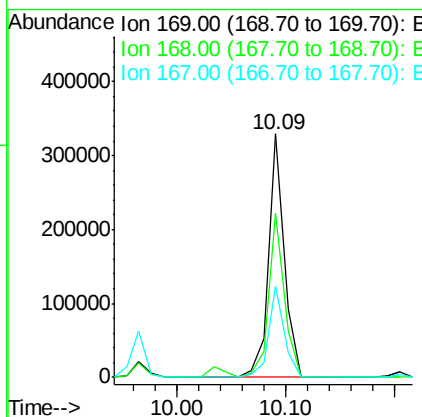
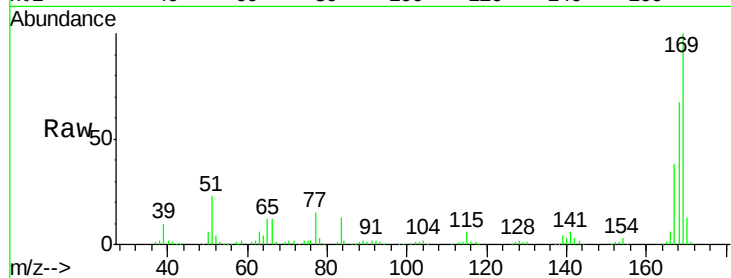




#65
 n-Nitrosodiphenylamine
 Concen: 44.33 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

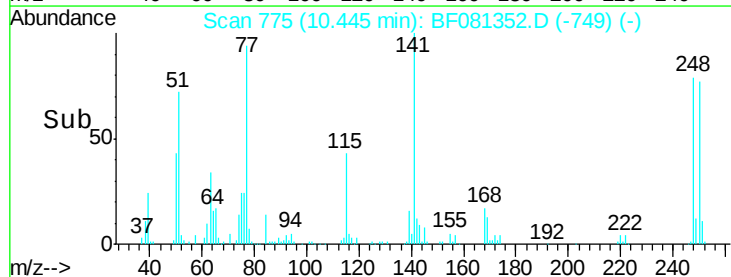
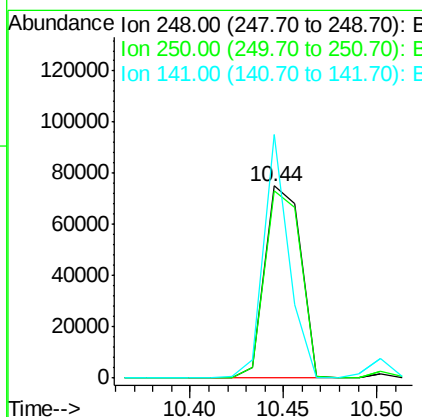
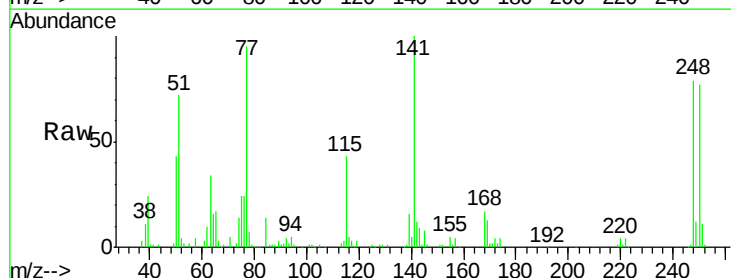
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

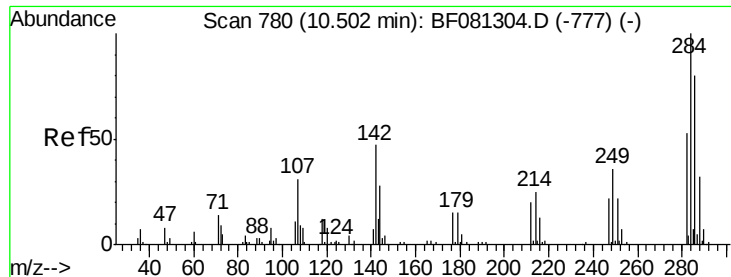
Tot Ion	169	Resp	334536
Ion	Ratio	Lower	Upper
169	100		
168	67.5	48.9	73.3
167	37.7	26.2	39.4



#66
 4-Bromophenyl-phenylether
 Concen: 48.58 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	248	Resp	101861
Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.5	117.7
141	126.6	59.0	88.6#





#67

Hexachlorobenzene

Concen: 44.42 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

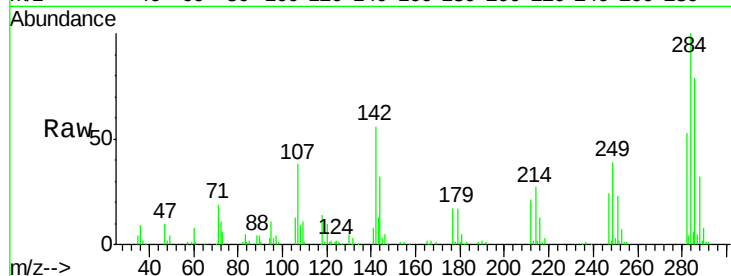
Tot Ion:284 Resp: 97375

Ion Ratio Lower Upper

284 100

142 55.6 29.5 44.3#

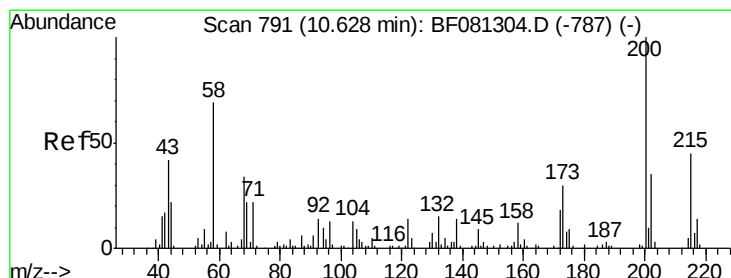
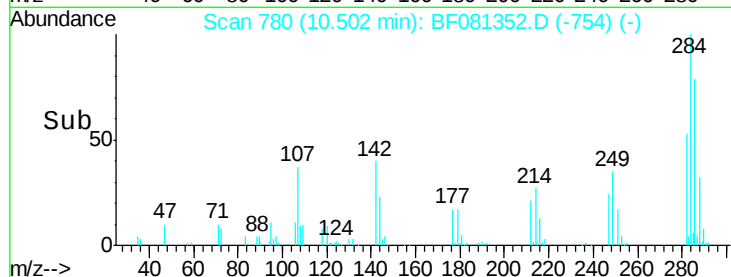
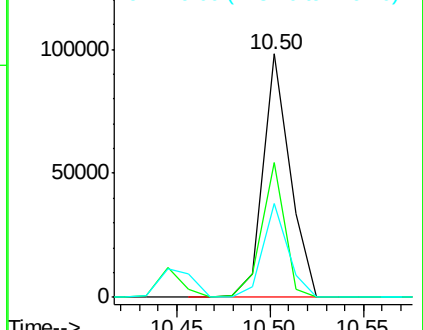
249 38.7 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.51 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

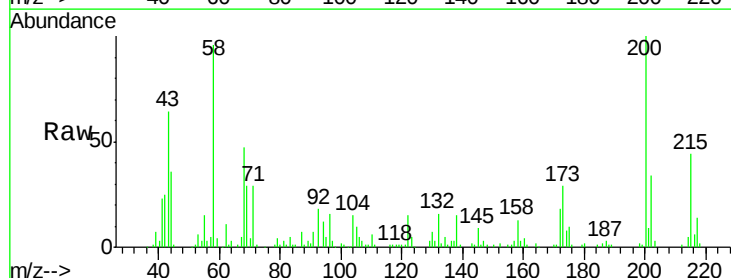
Tgt Ion:200 Resp: 101568

Ion Ratio Lower Upper

200 100

173 28.6 13.2 53.2

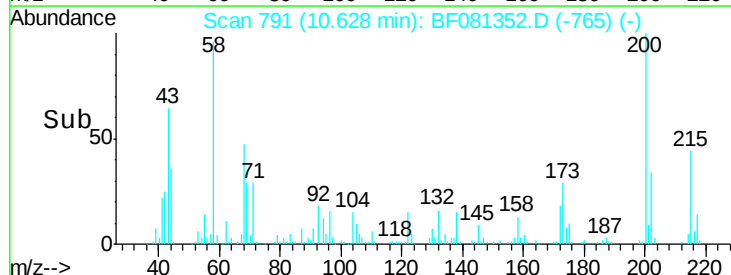
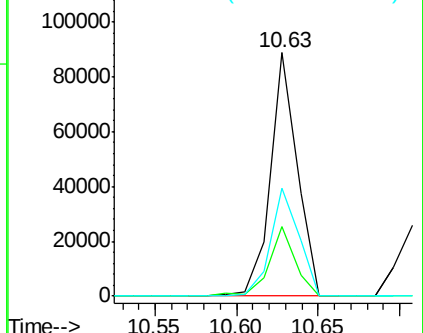
215 44.3 41.8 81.8

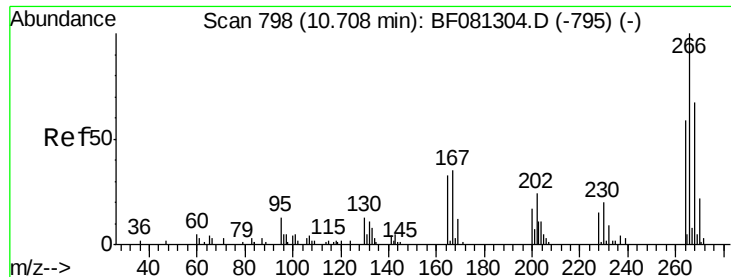


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

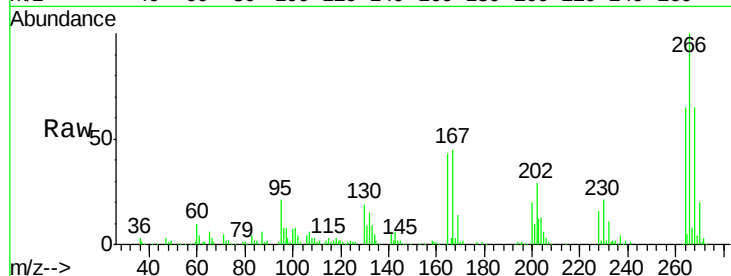




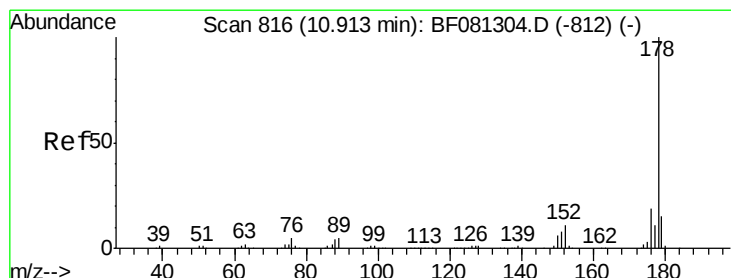
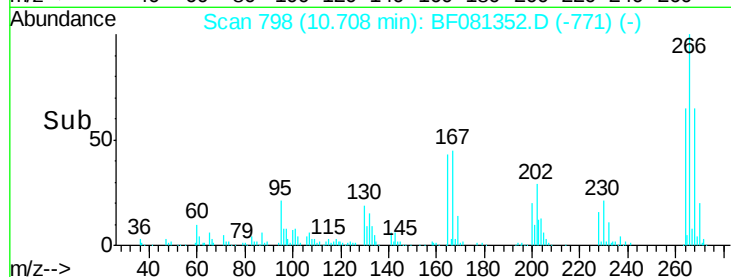
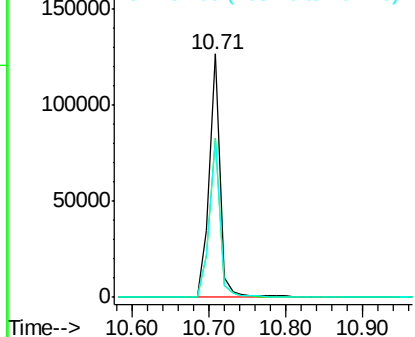
#69
 Pentachlorophenol
 Concen: 112.77 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion:266 Resp: 124646
 Ion Ratio Lower Upper
 266 100
 268 65.2 49.8 74.6
 264 64.9 50.2 75.2

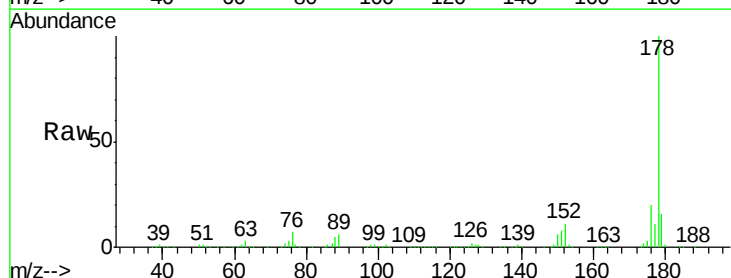


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

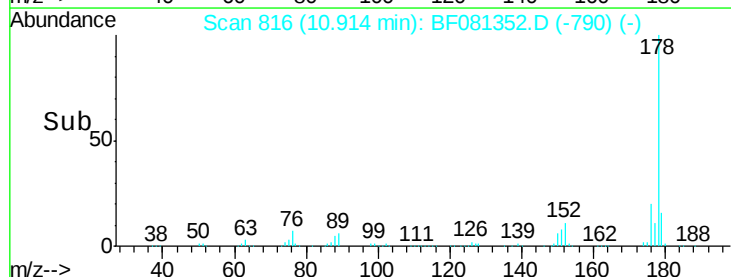
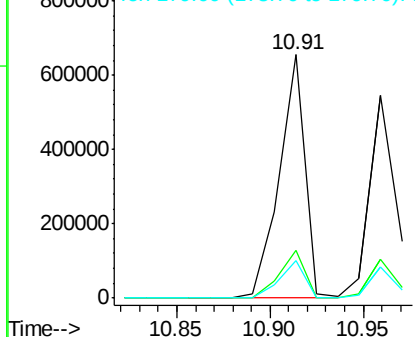


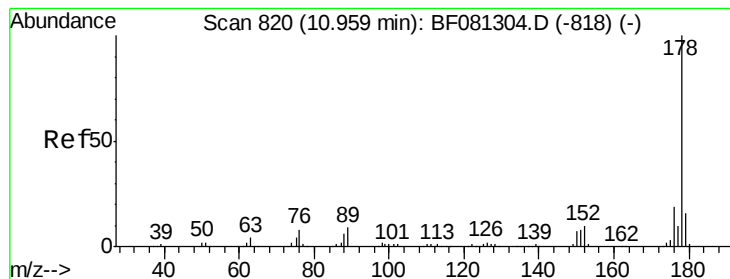
#70
 Phenanthrene
 Concen: 54.38 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:178 Resp: 626917
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.5 12.2 18.2



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





#71

Anthracene

Concen: 43.97 ng

RT: 10.96 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

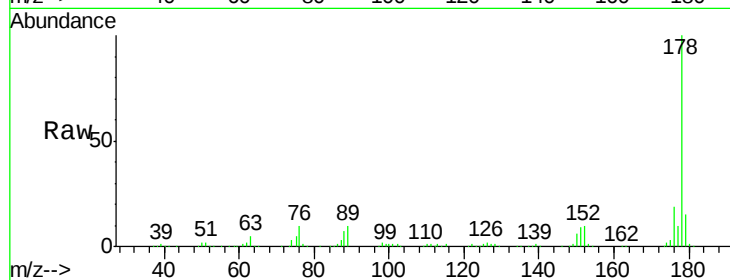
Tot Ion:178 Resp: 520742

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

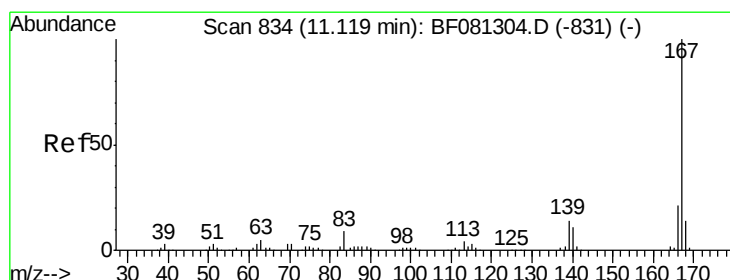
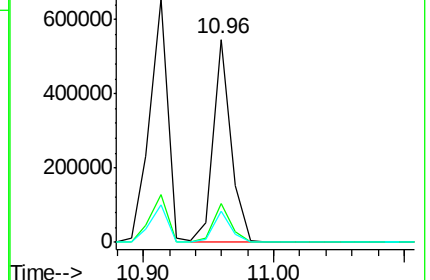
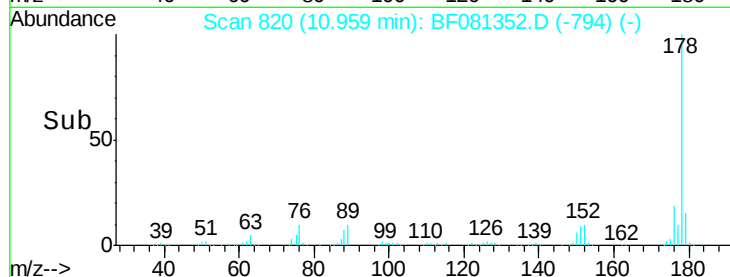
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 51.66 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

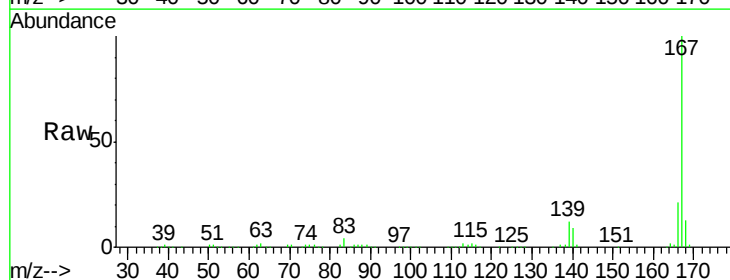
Tgt Ion:167 Resp: 574181

Ion Ratio Lower Upper

167 100

166 21.2 15.7 23.5

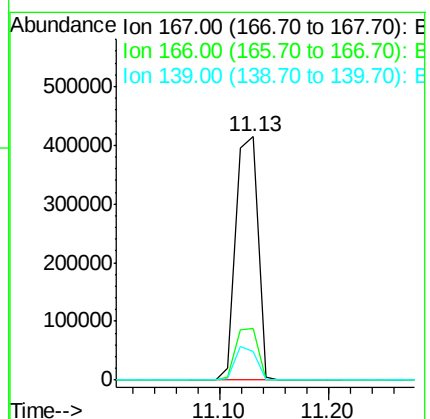
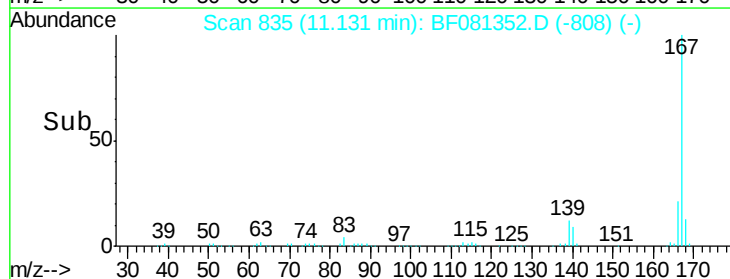
139 11.7 9.5 14.3

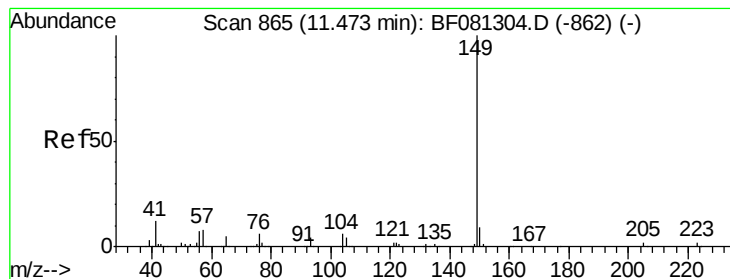


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.92 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

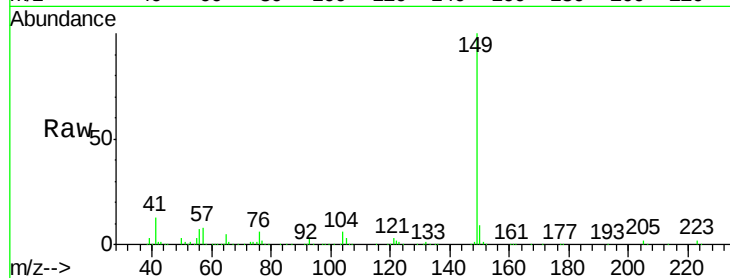
Tot Ion:149 Resp: 628981

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

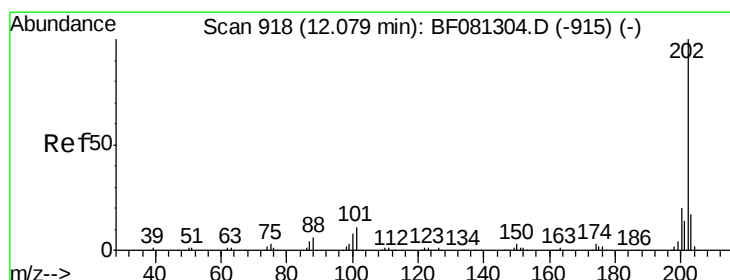
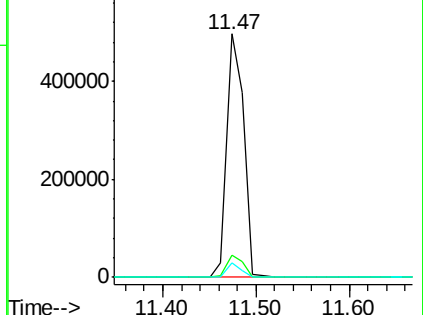
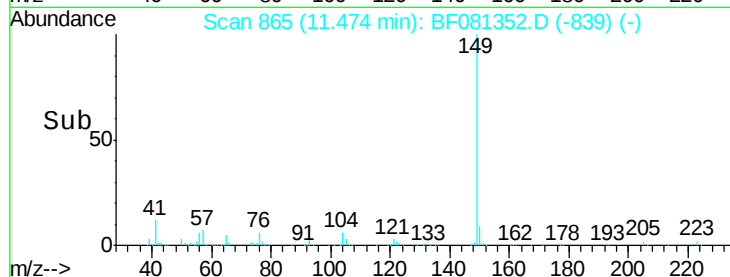
104 5.7 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.83 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

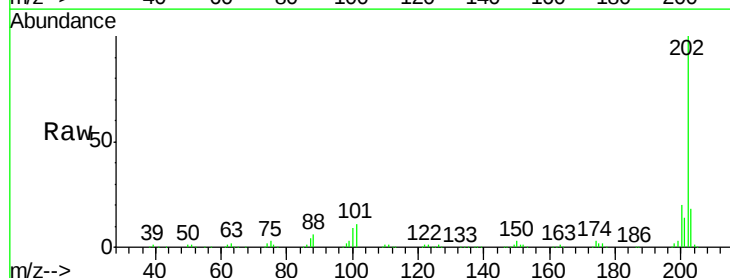
Tgt Ion:202 Resp: 559483

Ion Ratio Lower Upper

202 100

101 11.3 0.0 38.3

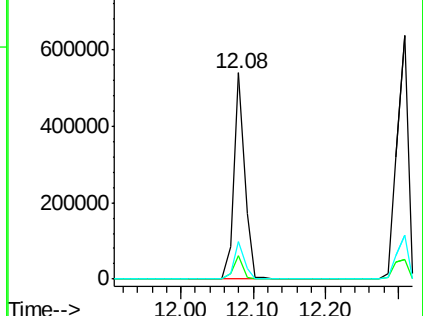
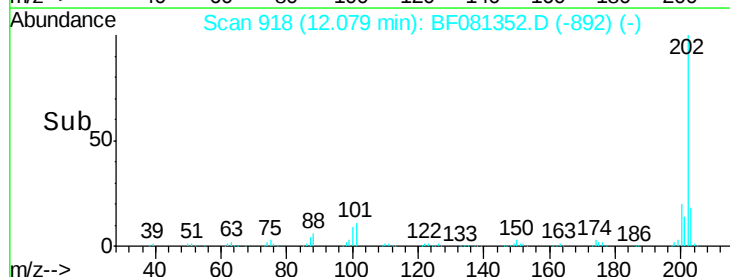
203 18.2 0.0 37.3

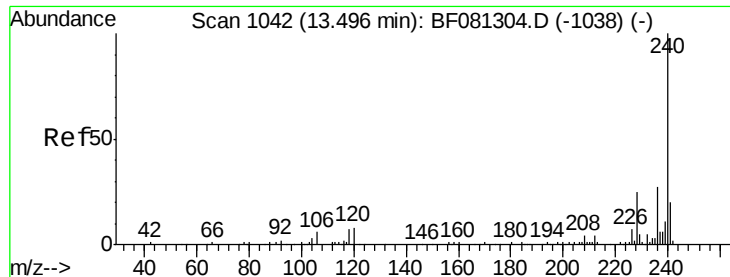


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

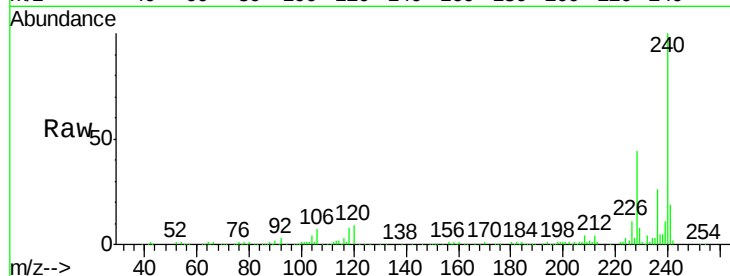
Tot Ion:240 Resp: 174574

Ion Ratio Lower Upper

240 100

120 8.7 16.2 24.2#

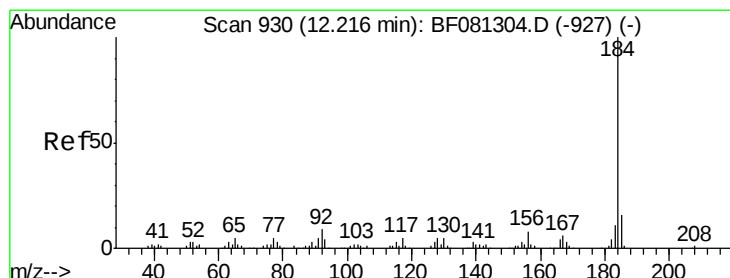
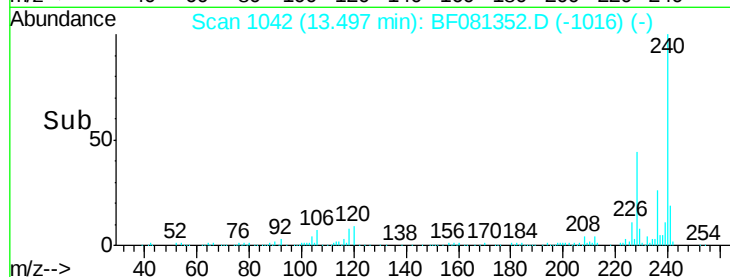
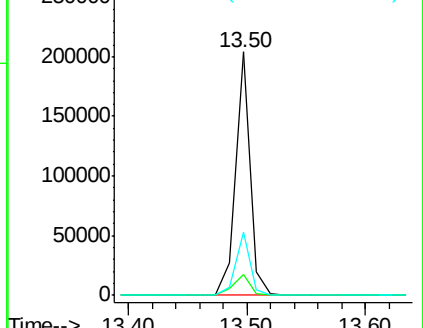
236 26.0 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.10 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

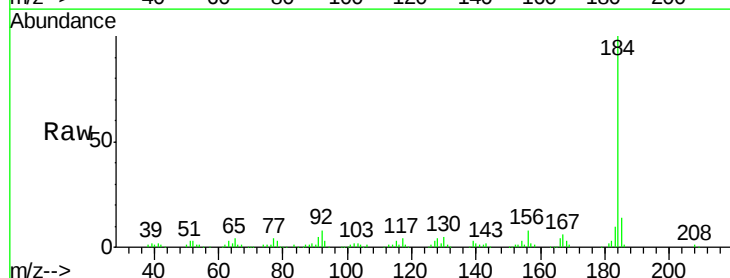
Tgt Ion:184 Resp: 180635

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

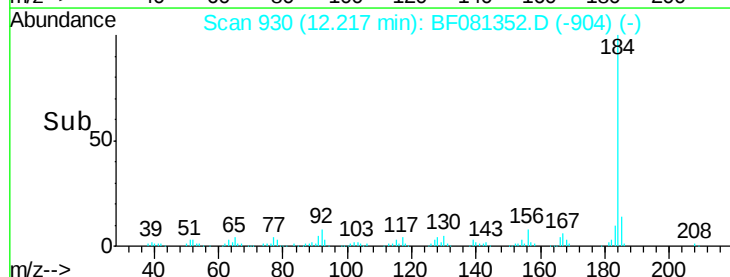
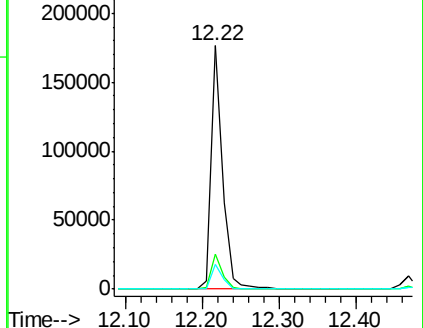
183 10.2 7.6 11.4

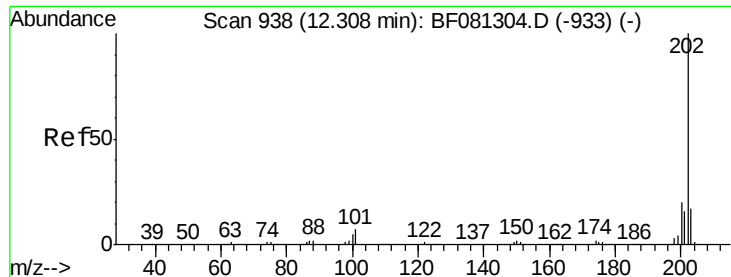


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

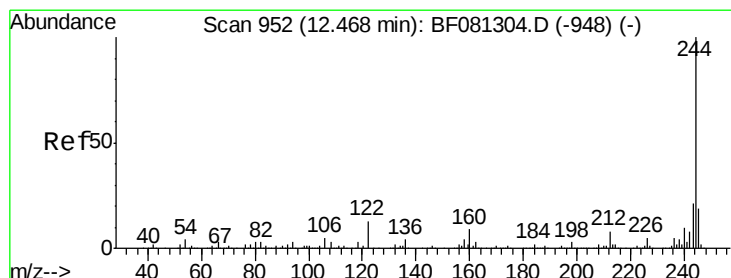
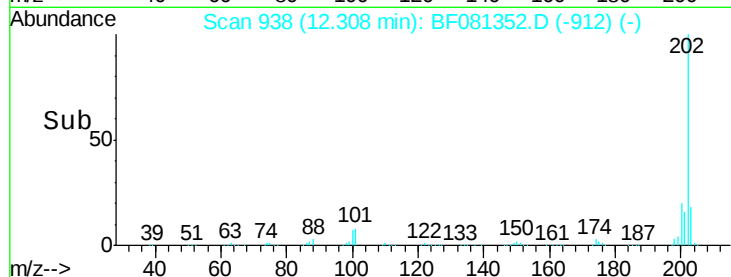
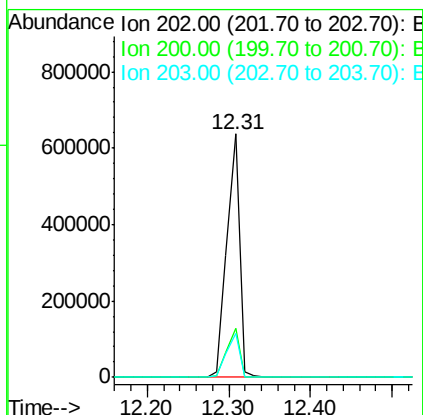
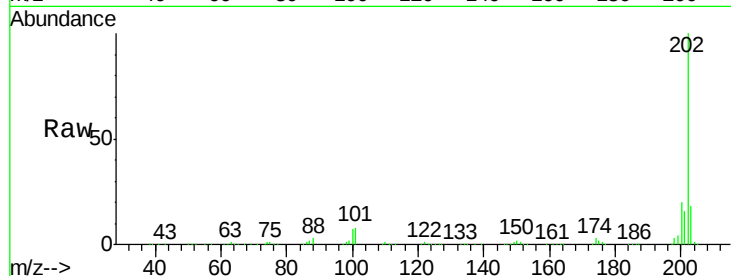




#77
Pvrene
Concen: 52.87 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

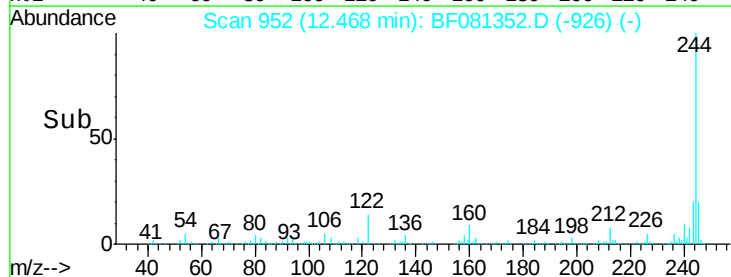
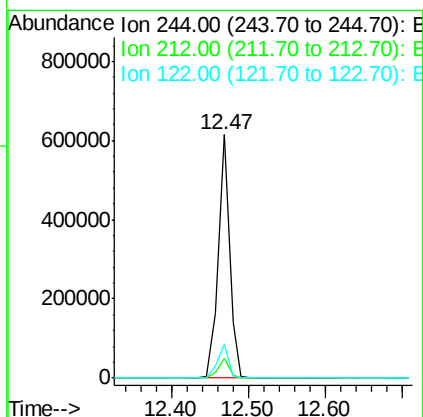
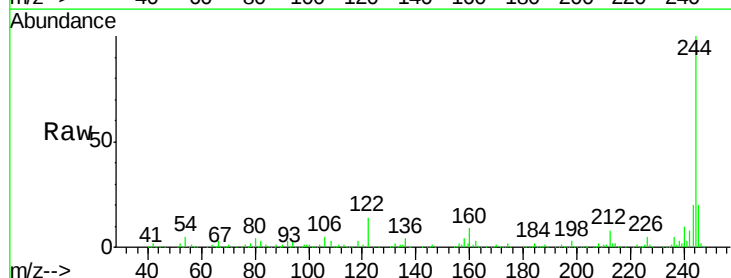
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

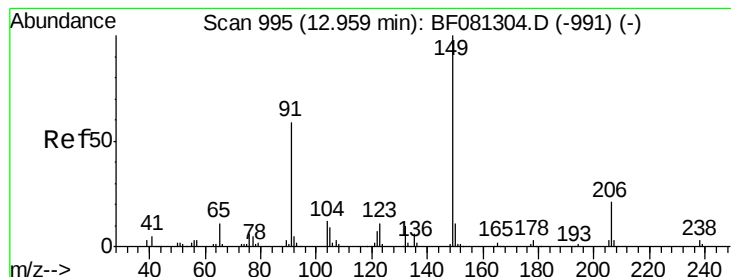
Tot Ion:202 Resp: 683738
Ion Ratio Lower Upper
202 100
200 20.0 15.0 22.4
203 17.9 14.1 21.1



#78
Terphenyl-d14
Concen: 85.76 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion:244 Resp: 643178
Ion Ratio Lower Upper
244 100
212 8.2 4.3 6.5#
122 13.7 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 50.58 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

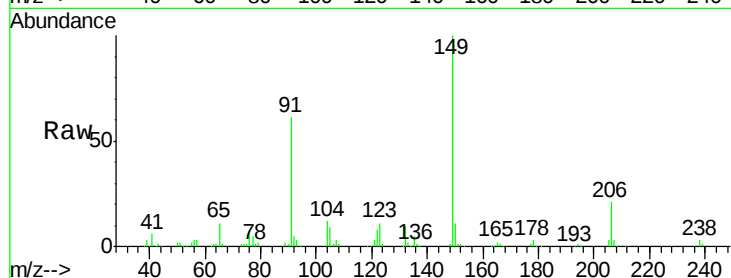
Tot Ion:149 Resp: 284463

Ion Ratio Lower Upper

149 100

91 61.0 48.6 72.8

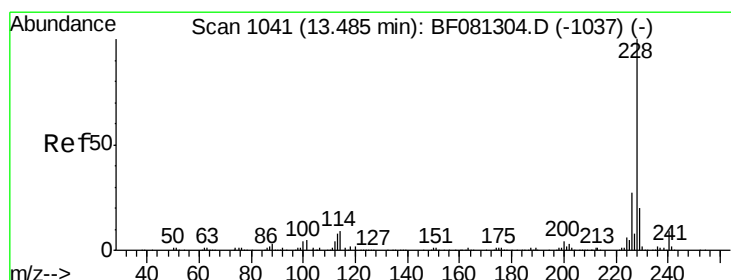
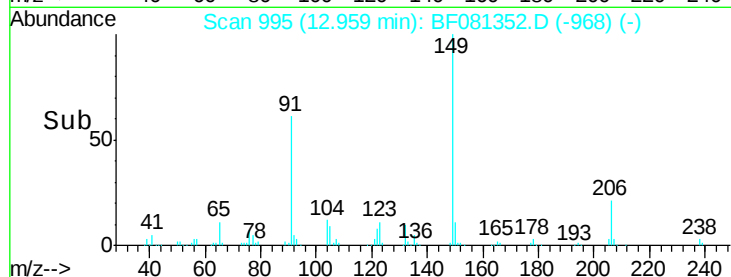
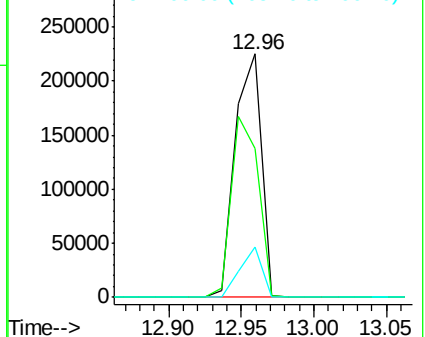
206 20.7 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.88 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

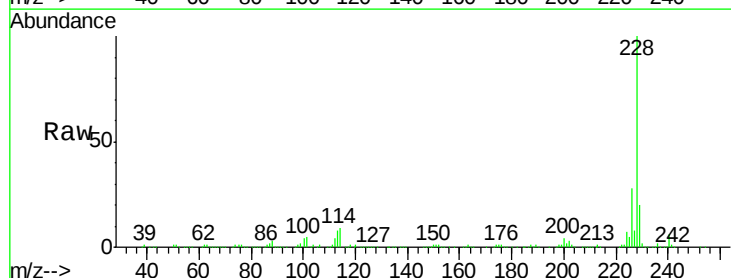
Tgt Ion:228 Resp: 510124

Ion Ratio Lower Upper

228 100

226 28.5 20.0 30.0

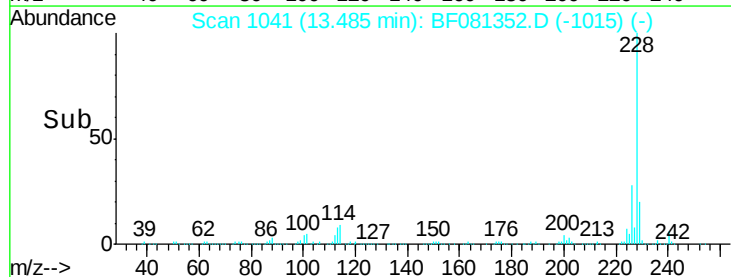
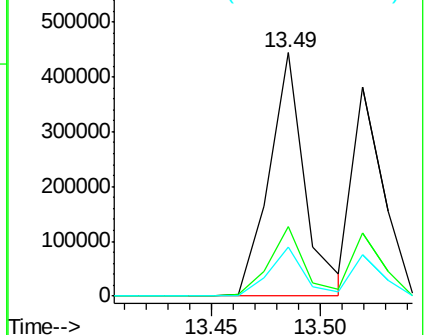
229 20.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

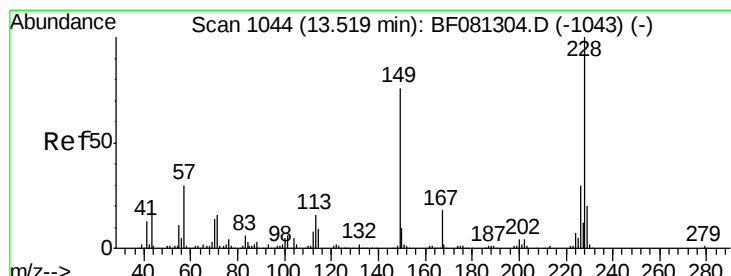
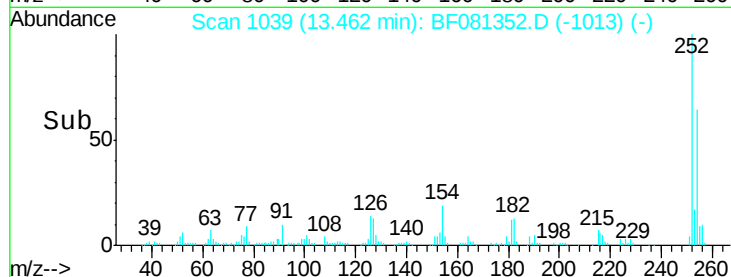
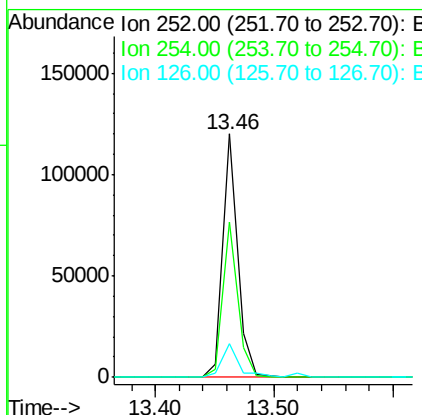
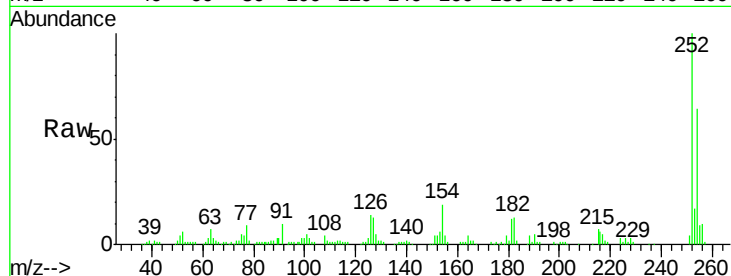




#81
 3,3'-Dichlorobenzidine
 Concen: 27.73 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

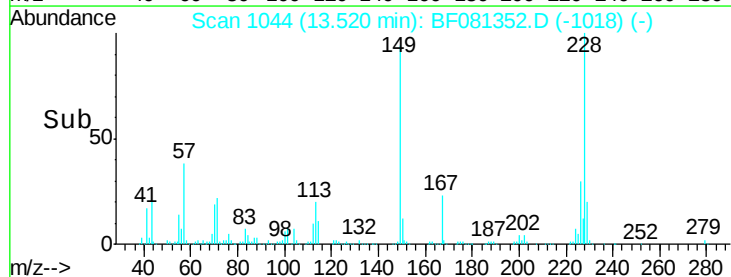
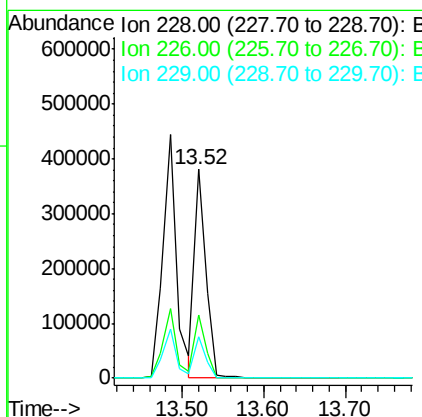
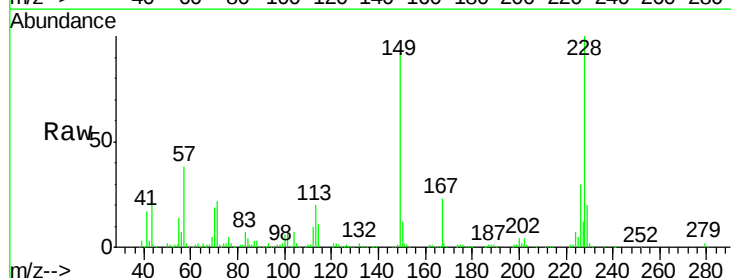
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

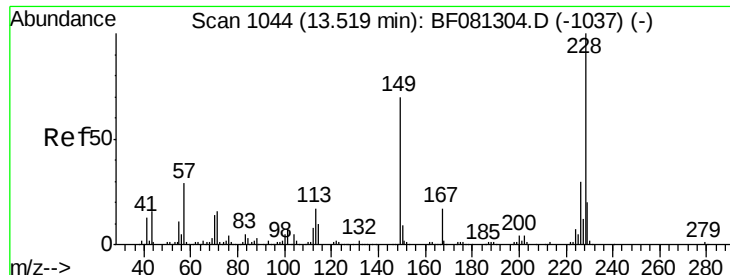
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.4	77.2
126	13.7	16.4	24.6



#82
 Chrysene
 Concen: 38.02 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	19.6	15.6	23.4

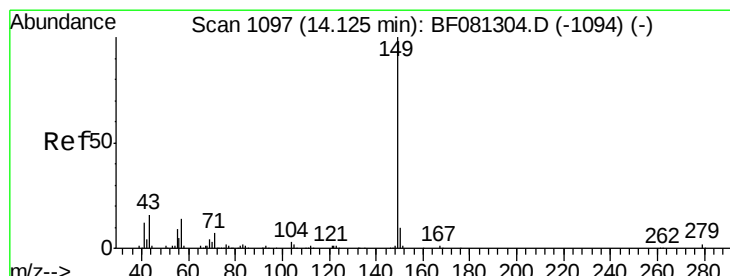
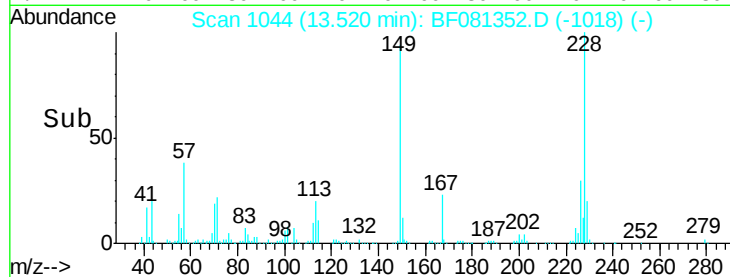
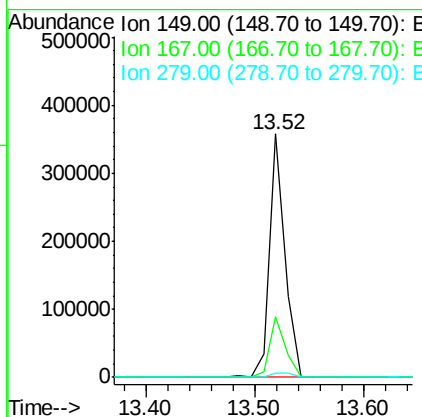
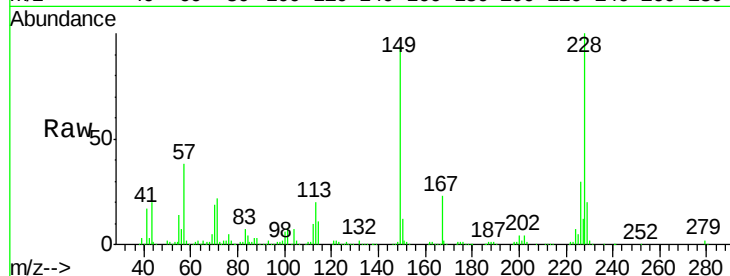




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.80 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

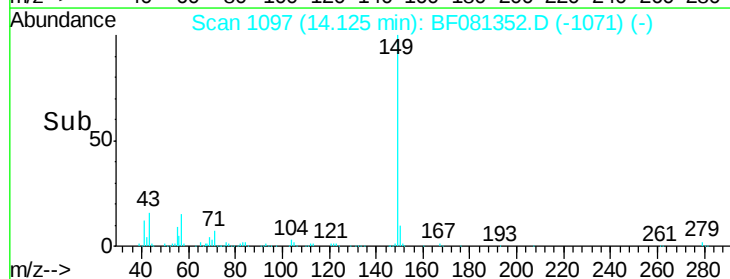
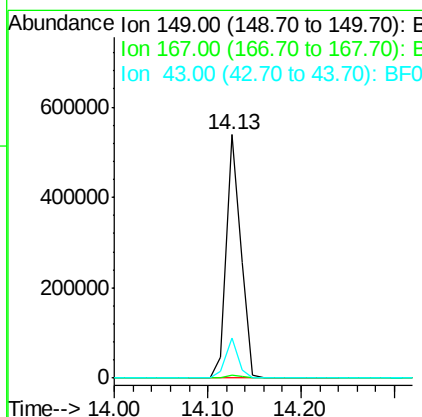
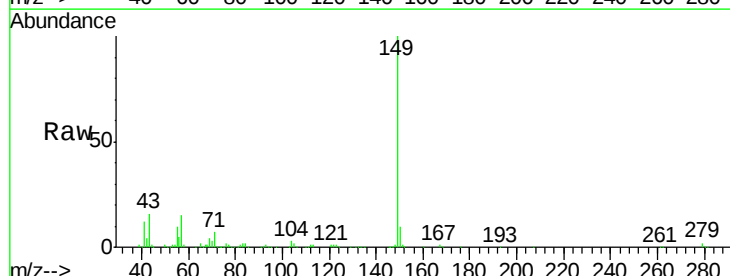
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

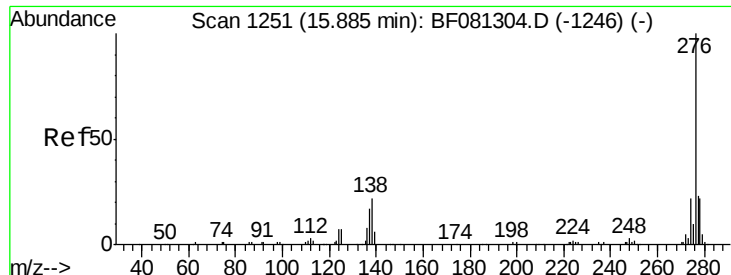
Tot Ion:149	Resp:	354758
Ion Ratio	Lower	Upper
149	100	
167	24.9	24.2 36.2
279	1.8	3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 47.87 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:149	Resp:	584977
Ion Ratio	Lower	Upper
149	100	
167	1.5	1.0 1.6
43	14.3	10.2 15.2

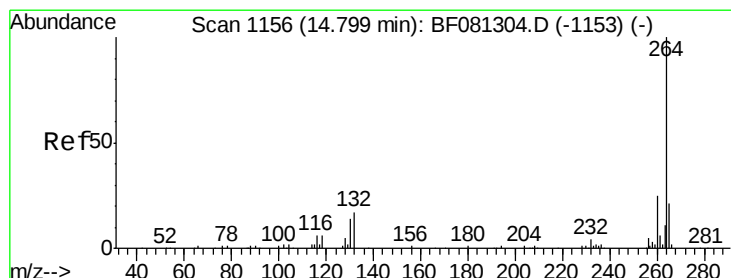
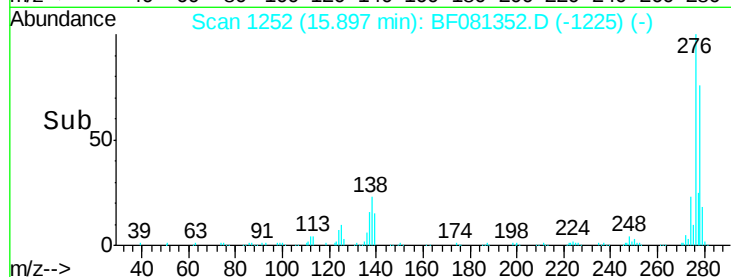
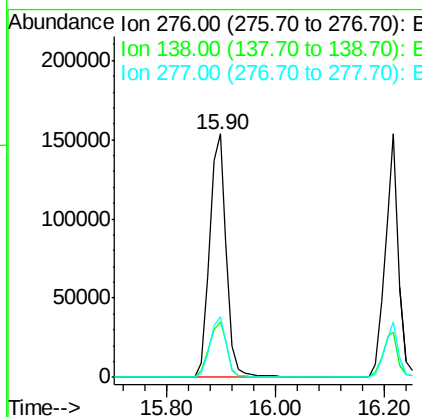
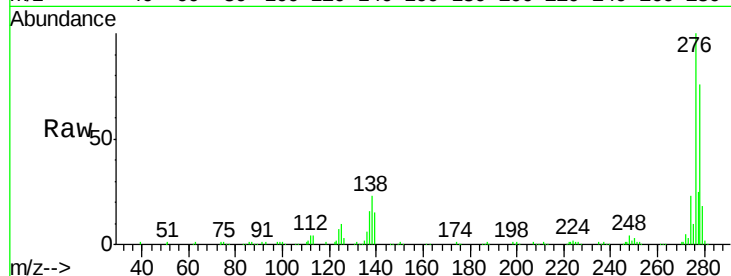




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.59 ng
 RT: 15.90 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

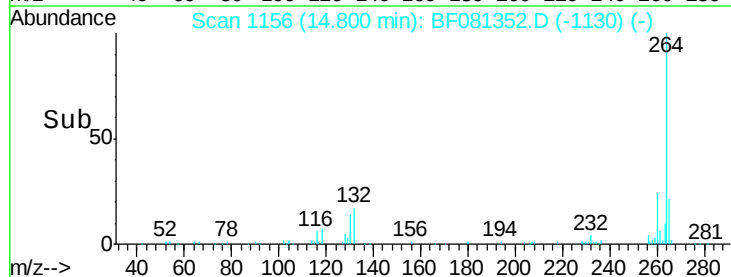
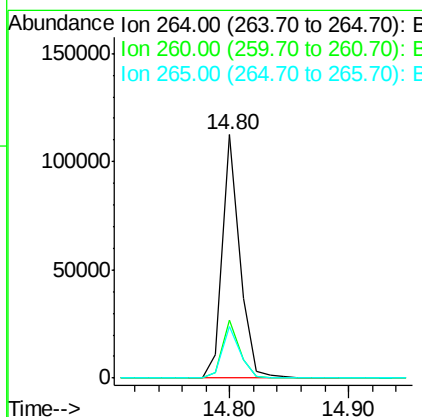
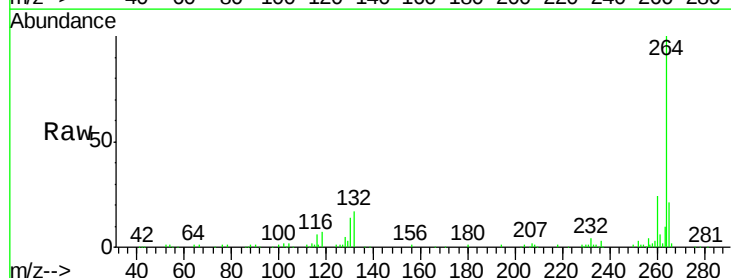
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4MSD

Tot Ion:276 Resp: 333357
 Ion Ratio Lower Upper
 276 100
 138 23.8 25.7 38.5#
 277 24.6 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081352.D
 Acq: 2 Sep 2015 17:04

Tgt Ion:264 Resp: 113808
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 98.06 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.02 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

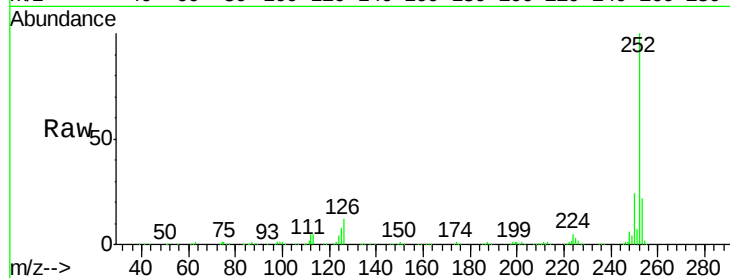
Tot Ion:252 Resp: 796719

Ion Ratio Lower Upper

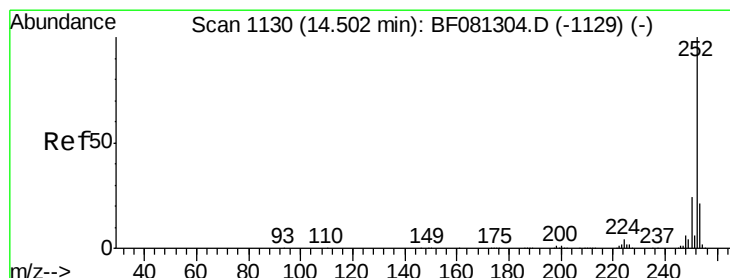
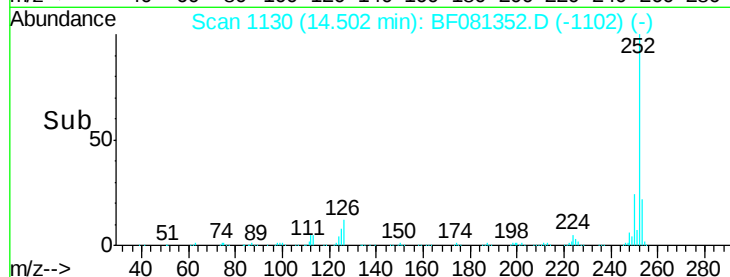
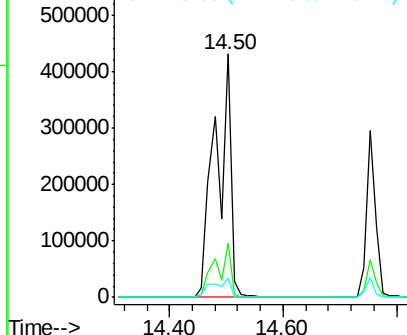
252 100

253 22.4 17.5 26.3

125 8.1 17.1 25.7#



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



#88

Benzo(k)fluoranthene

Concen: 118.17 ng

RT: 14.50 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

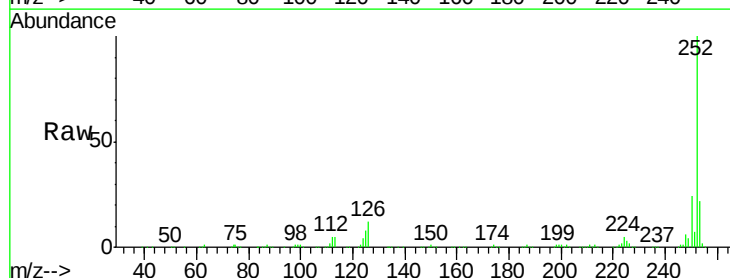
Tgt Ion:252 Resp: 796719

Ion Ratio Lower Upper

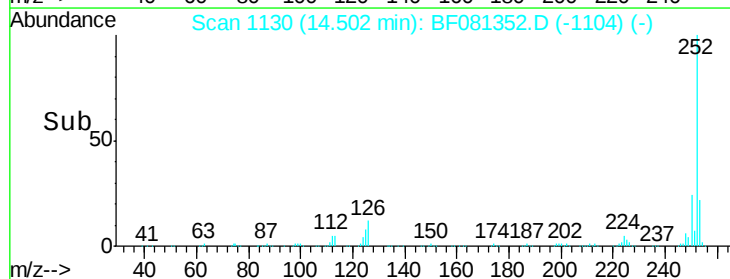
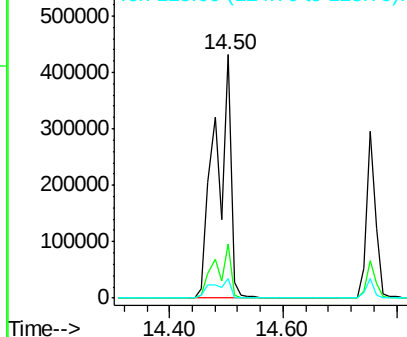
252 100

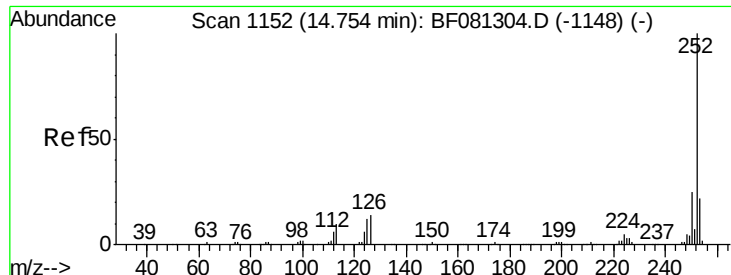
253 22.4 17.0 25.4

125 8.1 16.0 24.0#



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

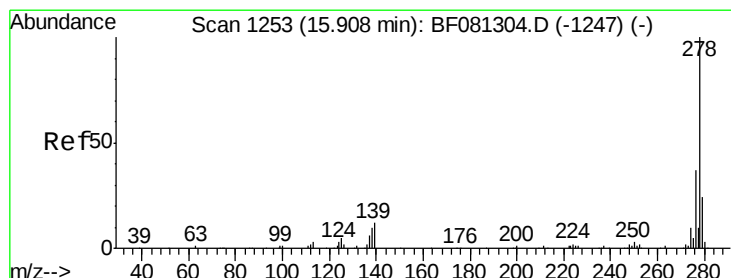
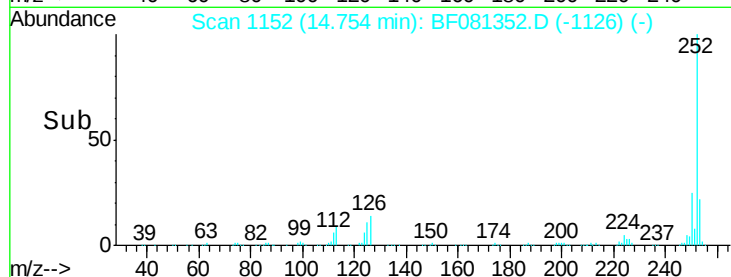
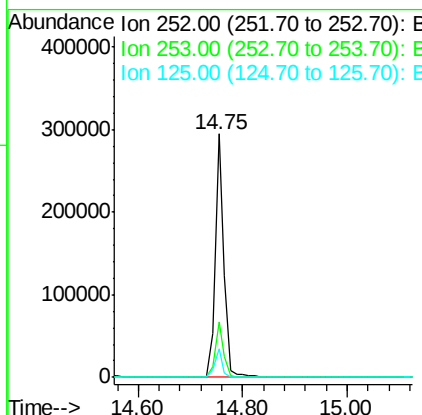
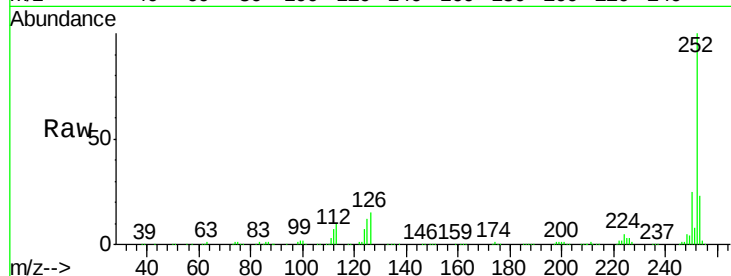




#89
Benzo(a)pyrene
Concen: 49.61 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

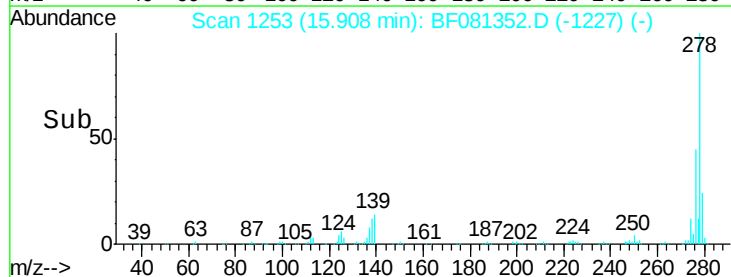
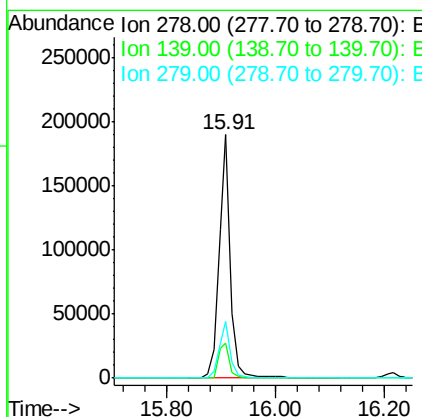
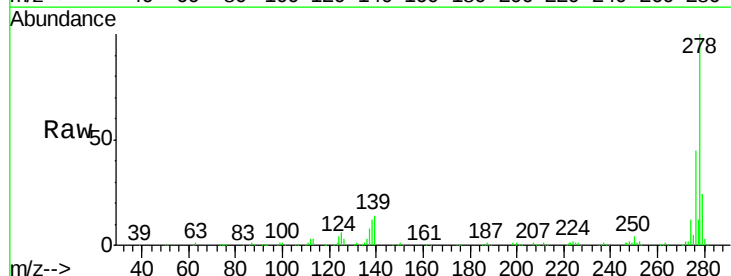
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4MSD

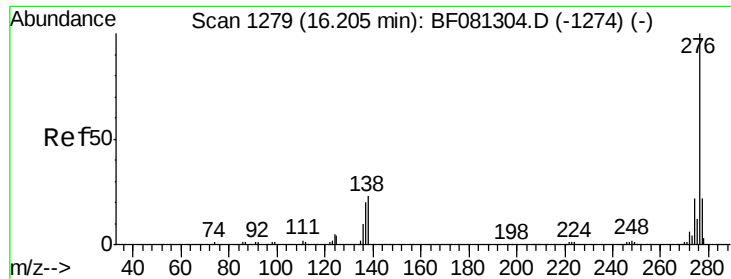
Tot Ion:252 Resp: 341552
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.8 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 52.45 ng
RT: 15.91 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF081352.D
Acq: 2 Sep 2015 17:04

Tgt Ion:278 Resp: 279025
Ion Ratio Lower Upper
278 100
139 14.4 26.3 39.5#
279 23.6 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 53.58 ng

RT: 16.22 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF081352.D

Acq: 2 Sep 2015 17:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4MSD

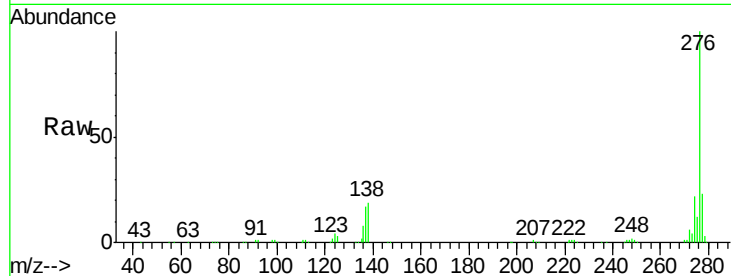
Tot Ion:276 Resp: 272048

Ion Ratio Lower Upper

276 100

277 22.7 17.8 26.6

138 18.7 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

