

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083979.D
 Acq On : 20 Dec 2015 4:59
 Operator : UM/SJ
 Sample : G4838-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Quant Time: Dec 20 07:09:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	84689	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	327281	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	157224	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	259975	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	183511	20.00	ng	-0.02
86) Perylene-d12	15.44	264	138310	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	565110	104.43	ng	0.00
7) Phenol-d6	6.51	99	727985	109.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	526330	91.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	209079	120.71	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1045211	95.13	ng	-0.02
78) Terphenyl-d14	12.96	244	879743	114.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	65060	27.71	ng	97
3) Pyridine	3.24	79	87625	15.10	ng	99
4) n-Nitrosodimethylamine	3.17	42	76573	34.58	ng	90
6) Aniline	6.52	93	112030	13.13	ng	# 1
8) 2-Chlorophenol	6.65	128	204727	31.79	ng	89
9) Benzaldehyde	6.40	77	62987	15.78	ng	90
10) Phenol	6.52	94	309391	41.86	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	199219	35.48	ng	99
12) 1,3-Dichlorobenzene	6.80	146	240684	34.75	ng	99
13) 1,4-Dichlorobenzene	6.86	146	236410	33.43	ng	96
14) 1,2-Dichlorobenzene	7.02	146	243837	42.59	ng	98
15) Benzyl Alcohol	7.00	79	192153	38.33	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	224598	38.79	ng	90
17) 2-Methylphenol	7.13	107	205110	40.60	ng	# 93
18) Hexachloroethane	7.37	117	92217	35.54	ng	# 89
19) n-Nitroso-di-n-propylamine	7.28	70	171641	44.45	ng	92
20) 3+4-Methylphenols	7.28	107	253819	42.75	ng	# 56
22) Acetophenone	7.26	105	339008	43.03	ng	# 93
24) Nitrobenzene	7.44	77	235964	39.79	ng	98
25) Isophorone	7.68	82	460727	42.70	ng	100
26) 2-Nitrophenol	7.76	139	117266	38.20	ng	94
27) 2,4-Dimethylphenol	7.80	122	237841	44.98	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	298487	46.77	ng	97
29) 2,4-Dichlorophenol	8.01	162	219322	45.72	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	201332	39.08	ng	99
31) Naphthalene	8.16	128	1124334	69.38	ng	99
32) Benzoic acid	7.95	122	144823	65.30	ng	93
33) 4-Chloroaniline	8.21	127	86030	11.58	ng	# 92
34) Hexachlorobutadiene	8.28	225	124317	38.64	ng	99
35) Caprolactam	8.59	113	63384	39.99	ng	96
36) 4-Chloro-3-methylphenol	8.70	107	241216	44.53	ng	96
37) 2-Methylnaphthalene	8.85	142	576596	50.69	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	205879	41.53	ng	98
40) Hexachlorocyclopentadiene	9.00	237	82689	56.82	ng	97

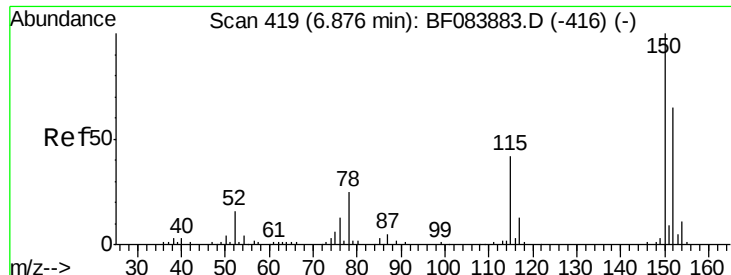
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
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Quant Time: Dec 20 07:09:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	142624	43.57	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	161058	49.72	ng	# 93
45) 1,1'-Biphenyl	9.31	154	560855	42.41	ng	99
46) 2-Chloronaphthalene	9.33	162	418533	40.33	ng	99
47) 2-Nitroaniline	9.44	65	140907	45.32	ng	# 80
48) Acenaphthylene	9.76	152	804846	43.91	ng	99
49) Dimethylphthalate	9.62	163	484830	36.75	ng	# 90
50) 2,6-Dinitrotoluene	9.68	165	113936	39.59	ng	# 63
51) Acenaphthene	9.93	154	469056	41.62	ng	98
52) 3-Nitroaniline	9.85	138	71446	23.55	ng	79
53) 2,4-Dinitrophenol	9.96	184	101143	95.58	ng	94
54) Dibenzofuran	10.10	168	692213	47.29	ng	96
55) 4-Nitrophenol	10.03	139	146838	77.54	ng	87
56) 2,4-Dinitrotoluene	10.09	165	182835	49.56	ng	90
57) Fluorene	10.44	166	541872	48.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	123452	51.51	ng	89
59) Diethylphthalate	10.32	149	570010	41.79	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	243132	43.34	ng	98
61) 4-Nitroaniline	10.46	138	118444	37.74	ng	95
62) Azobenzene	10.59	77	554528	48.50	ng	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	79594	49.67	ng	85
65) n-Nitrosodiphenylamine	10.56	169	464370	49.09	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	157523	49.56	ng	99
67) Hexachlorobenzene	10.99	284	137796	41.17	ng	# 91
68) Atrazine	11.08	200	118715	39.61	ng	100
69) Pentachlorophenol	11.18	266	148737	103.28	ng	97
70) Phenanthrene	11.40	178	757148	48.20	ng	99
71) Anthracene	11.45	178	663803	43.72	ng	99
72) Carbazole	11.61	167	719494	47.96	ng	98
73) Di-n-butylphthalate	11.94	149	891721	50.59	ng	99
74) Fluoranthene	12.58	202	681214	43.46	ng	100
77) Pyrene	12.81	202	647632	53.77	ng	100
79) Butylbenzylphthalate	13.43	149	319441	52.29	ng	95
80) Benzo(a)anthracene	14.00	228	480964	42.63	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	66007	15.65	ng	# 99
82) Chrysene	14.03	228	445835	40.90	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	429702	52.68	ng	99
84) Di-n-octyl phthalate	14.59	149	701391	54.95	ng	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	537960	66.01	ng	99
87) Benzo(b)fluoranthene	15.06	252	924263	91.66	ng	98
88) Benzo(k)fluoranthene	15.06	252	924263	111.11	ng	98
89) Benzo(a)pyrene	15.38	252	423705	50.88	ng	# 98
90) Dibenzo(a,h)anthracene	16.87	278	446189	68.88	ng	99
91) Benzo(g,h,i)perylene	17.29	276	451875	71.18	ng	99

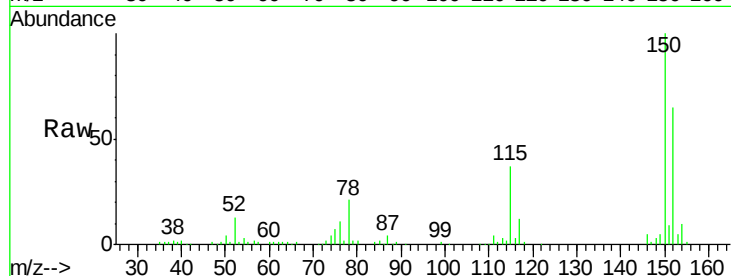
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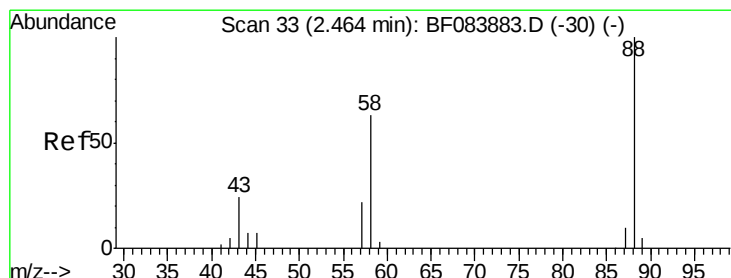
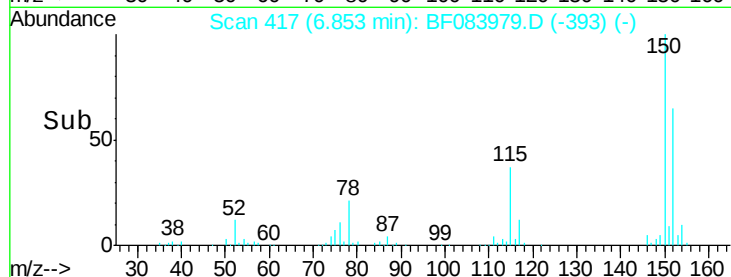
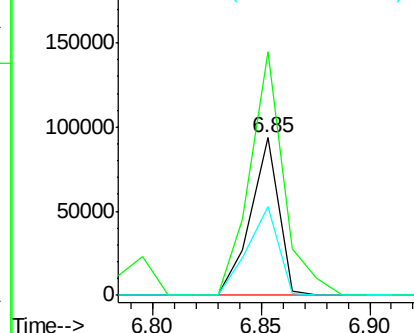
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tgt Ion:152 Resp: 84689
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.0 184.4
 115 56.5 51.4 77.2

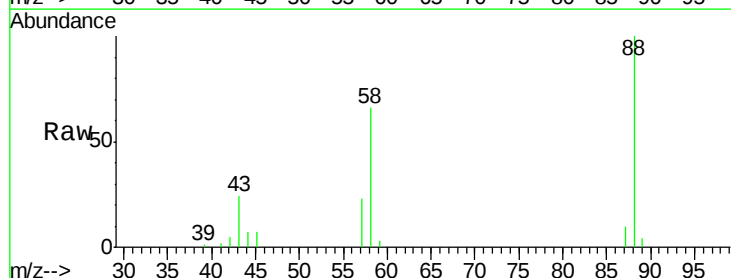


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

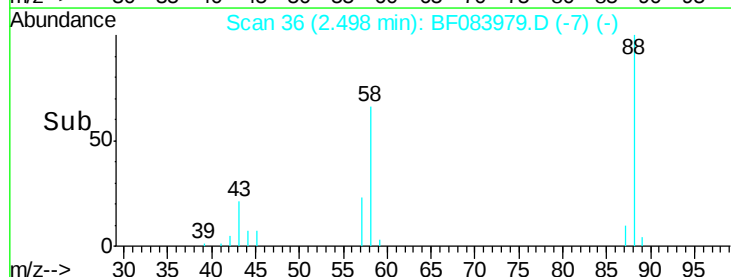
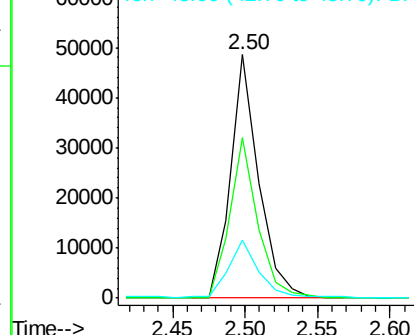


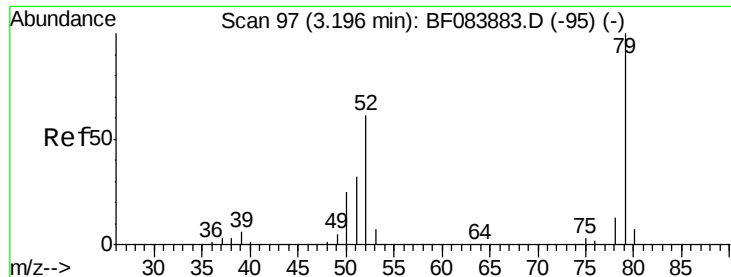
#2
 1,4-Dioxane
 Concen: 27.71 ng
 RT: 2.50 min Scan# 36
 Delta R.T. 0.03 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion: 88 Resp: 65060
 Ion Ratio Lower Upper
 88 100
 58 66.0 51.2 76.8
 43 27.2 19.5 29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.10 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

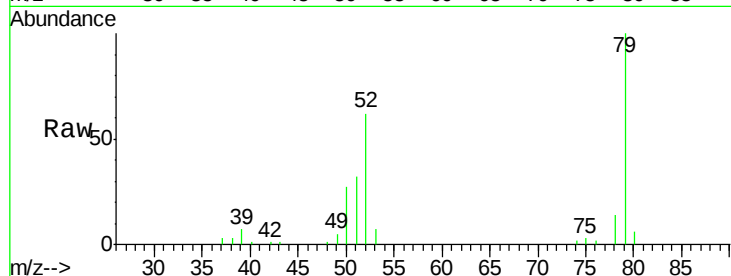
Tgt Ion: 79 Resp: 87625

Ion Ratio Lower Upper

79 100

52 61.9 49.0 73.4

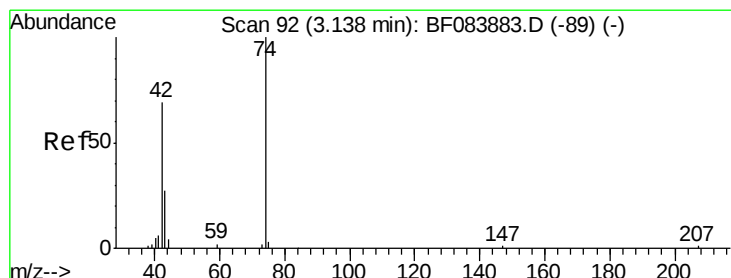
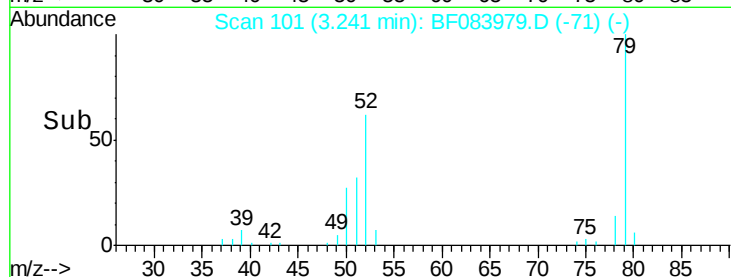
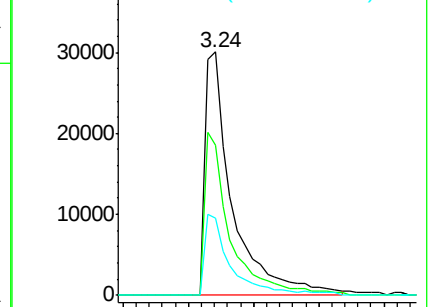
51 31.7 25.2 37.8



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: 34.58 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

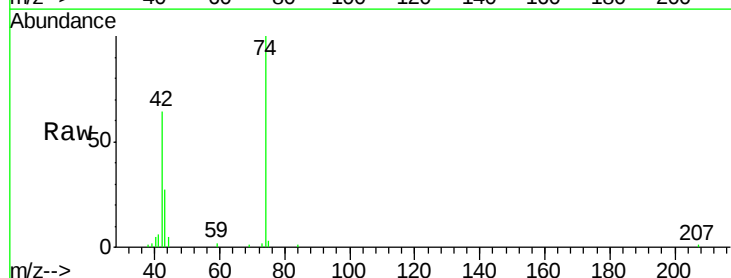
Tgt Ion: 42 Resp: 76573

Ion Ratio Lower Upper

42 100

74 157.3 115.7 173.5

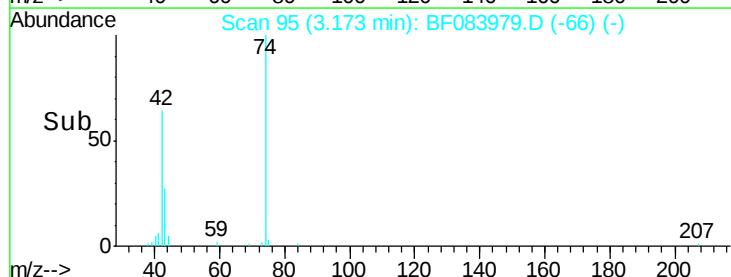
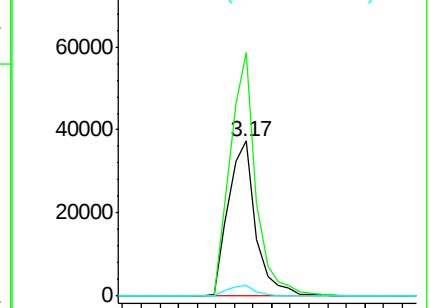
44 7.2 5.1 7.7

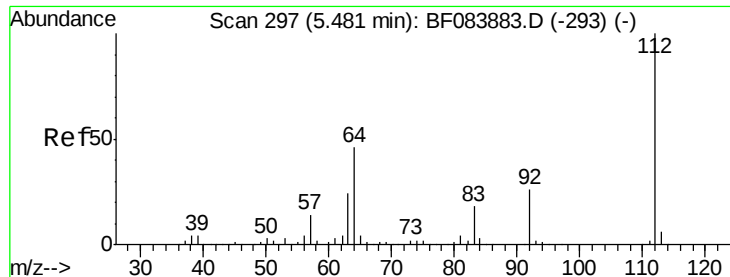


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 104.43 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

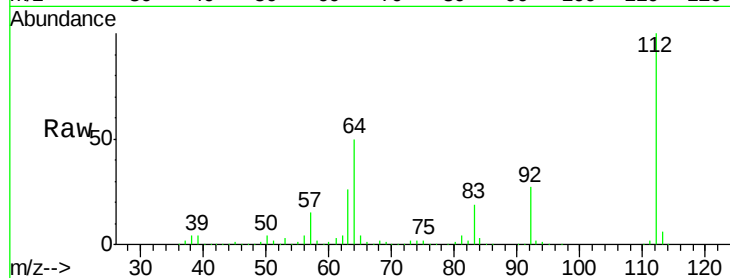
Tgt Ion: 112 Resp: 565110

Ion Ratio Lower Upper

112 100

64 49.7 36.6 55.0

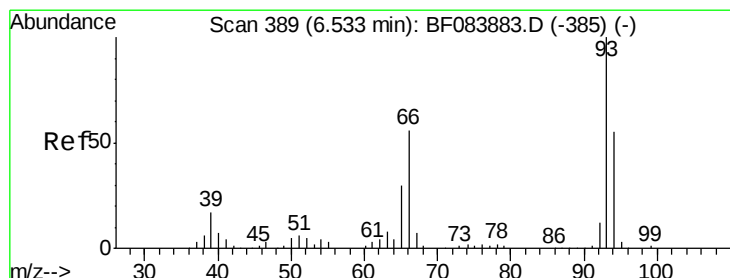
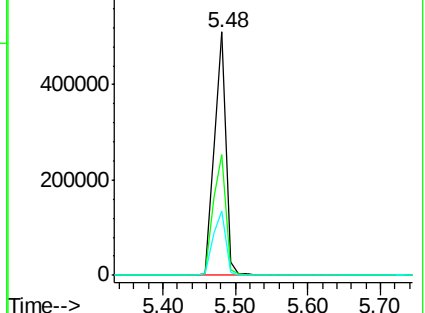
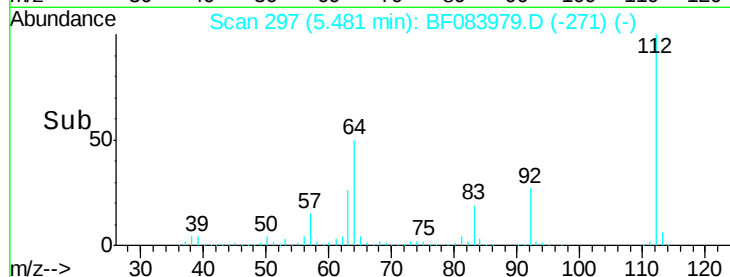
63 26.3 19.4 29.0



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: 13.13 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

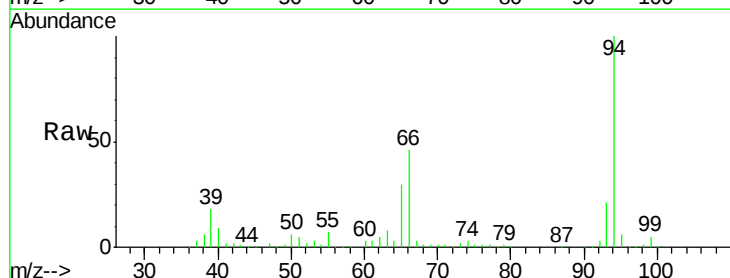
Tgt Ion: 93 Resp: 112030

Ion Ratio Lower Upper

93 100

66 220.8 44.9 67.3#

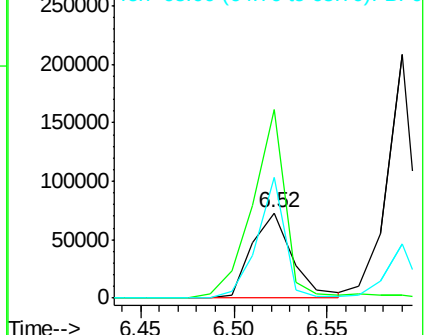
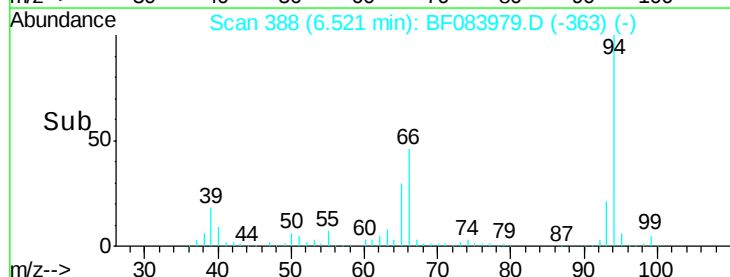
65 141.9 23.7 35.5#

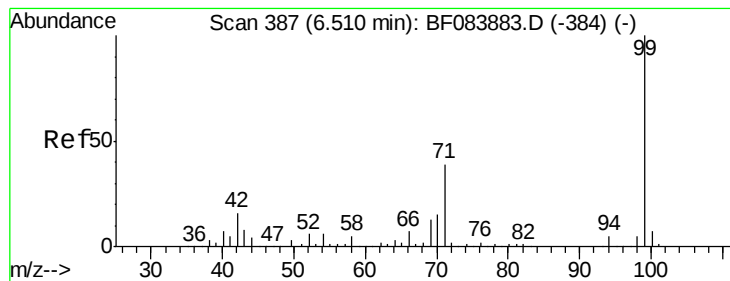


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.90 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

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ClientSampleId :

WC121515-LIQUID-POPHMSD

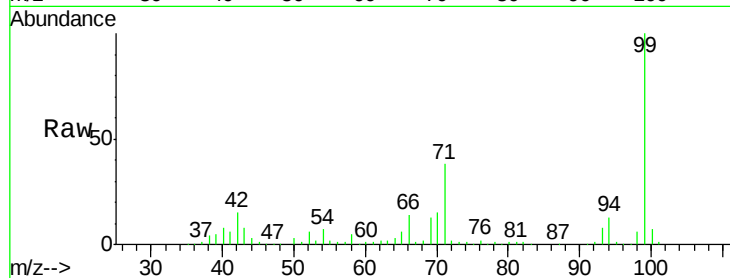
Tgt Ion: 99 Resp: 727985

Ion Ratio Lower Upper

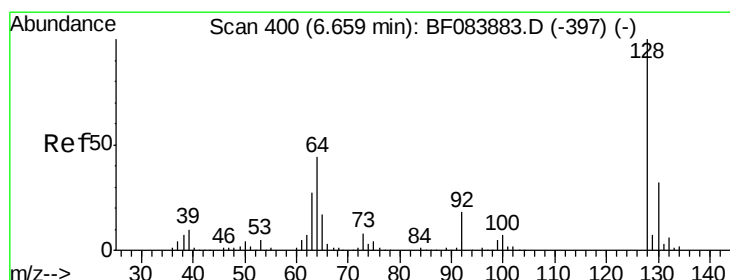
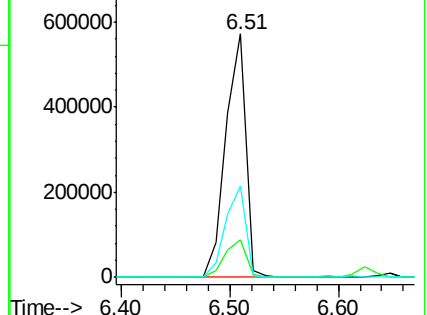
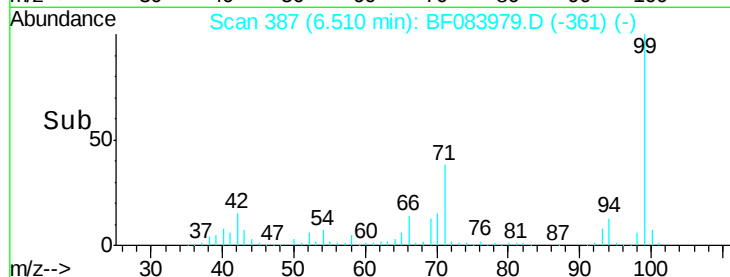
99 100

42 15.5 12.8 19.2

71 37.6 30.9 46.3



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: 31.79 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

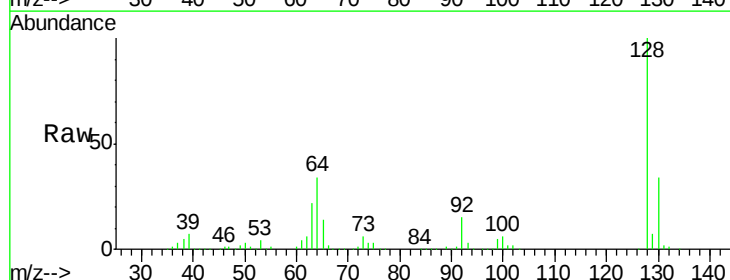
Tgt Ion: 128 Resp: 204727

Ion Ratio Lower Upper

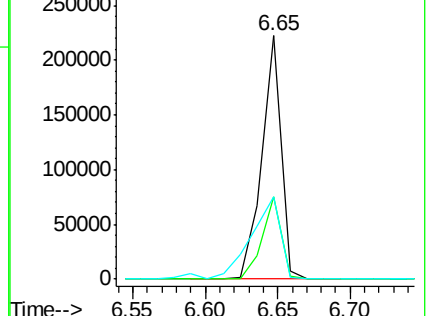
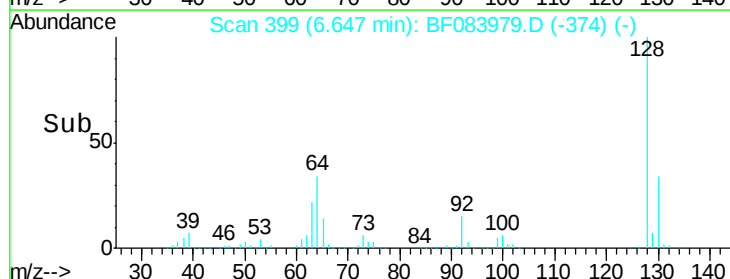
128 100

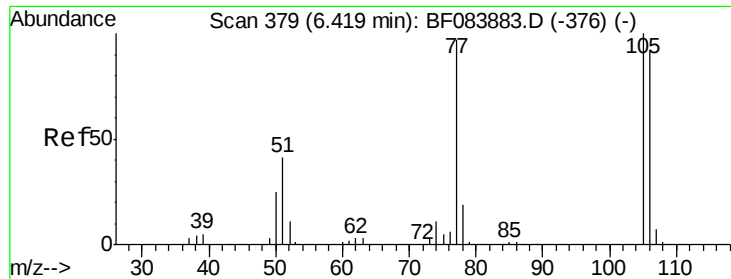
130 33.6 11.6 51.6

64 33.7 23.8 63.8



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

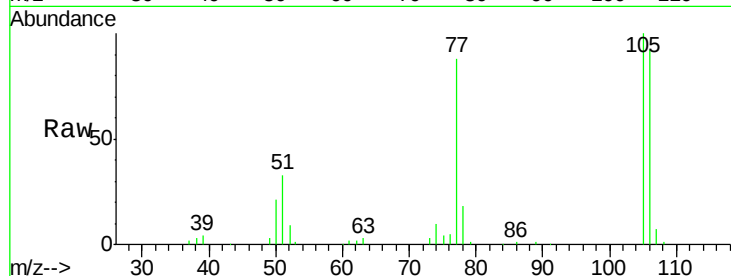




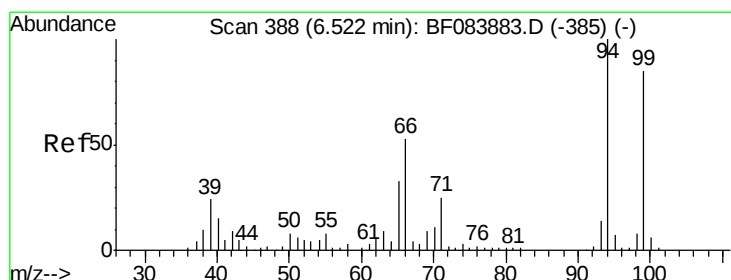
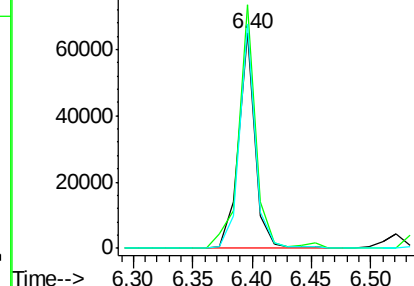
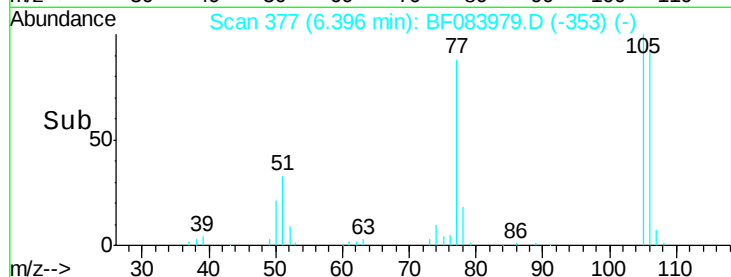
#9
Benzaldehyde
Concen: 15.78 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tgt Ion: 77 Resp: 62987
Ion Ratio Lower Upper
77 100
105 113.2 83.0 123.0
106 104.6 74.6 114.6

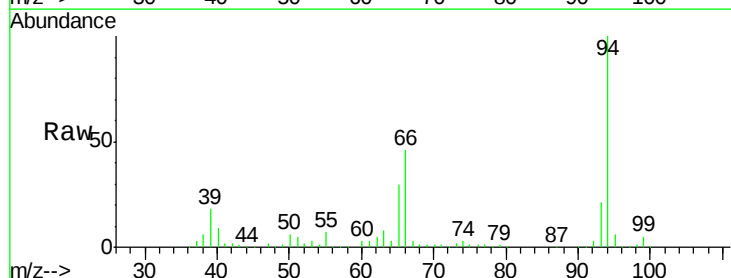


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

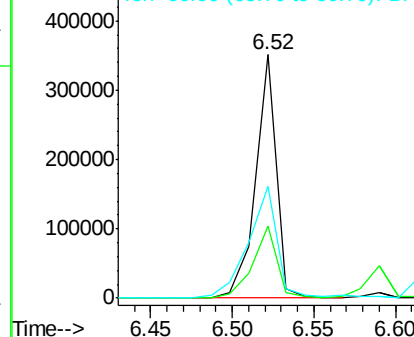
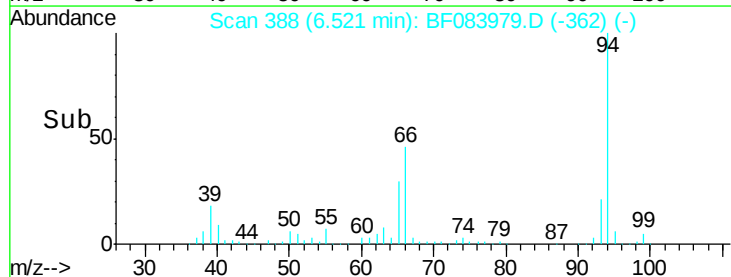


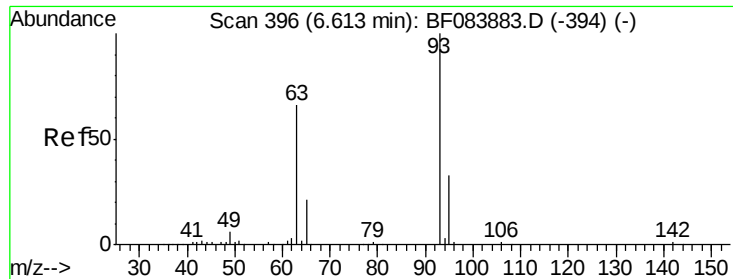
#10
Phenol
Concen: 41.86 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion: 94 Resp: 309391
Ion Ratio Lower Upper
94 100
65 29.6 12.9 52.9
66 46.0 32.7 72.7



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

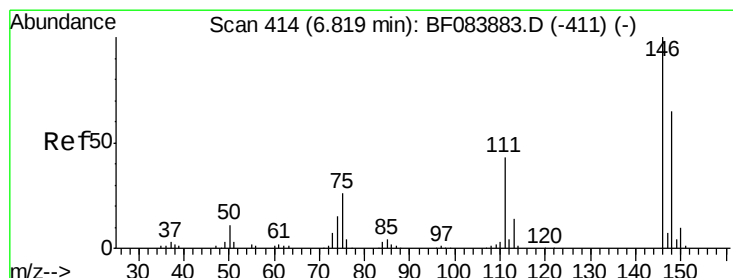
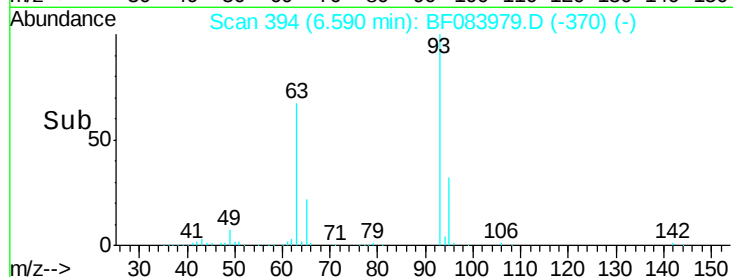
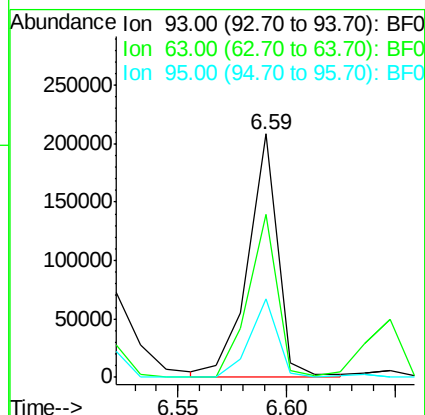
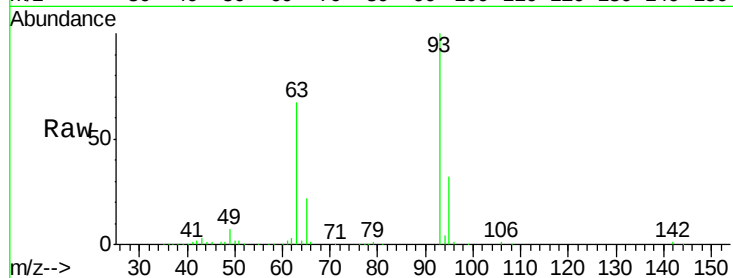




#11
bis(2-Chloroethyl)ether
Concen: 35.48 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

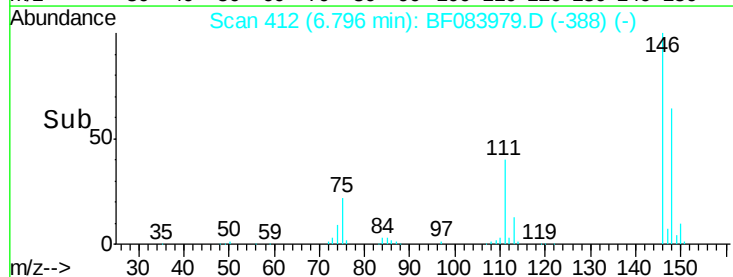
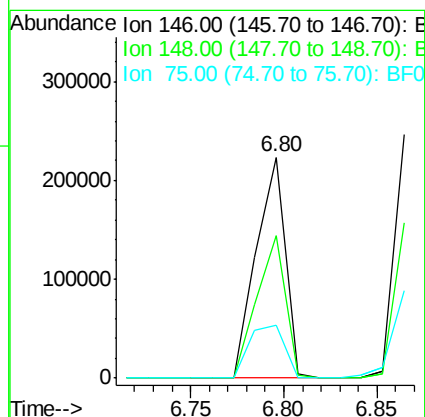
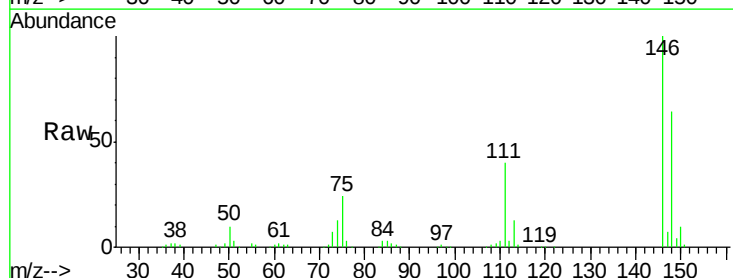
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

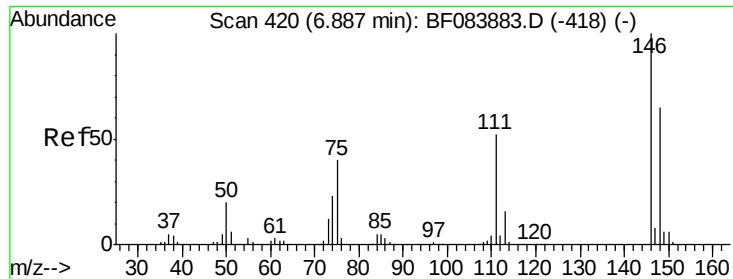
Tgt Ion: 93 Resp: 199219
Ion Ratio Lower Upper
93 100
63 67.1 45.9 85.9
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 34.75 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion: 146 Resp: 240684
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 23.7 20.5 30.7

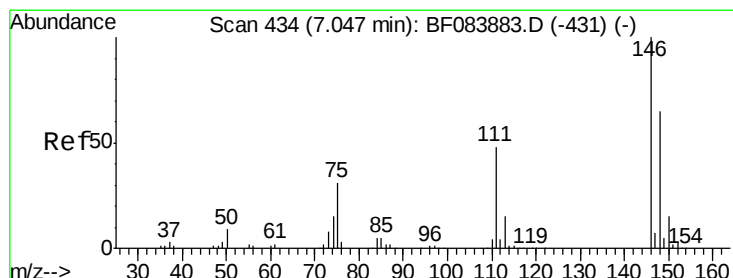
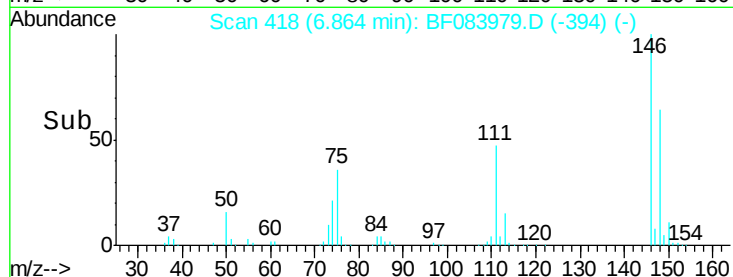
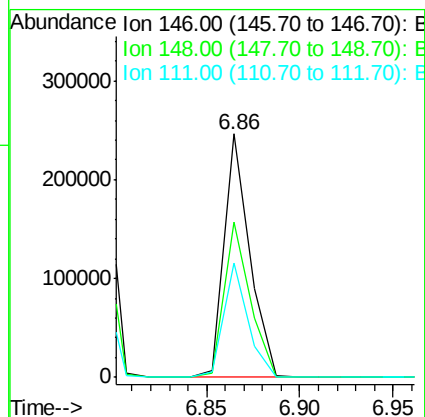
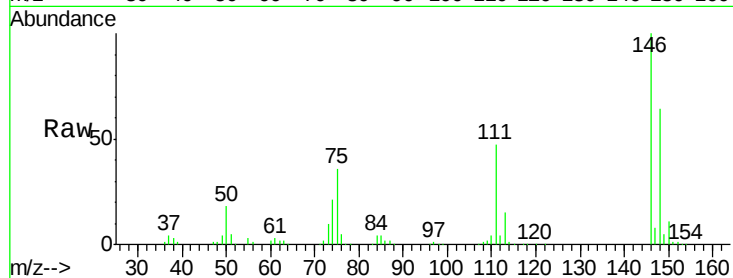




#13
 1,4-Dichlorobenzene
 Concen: 33.43 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

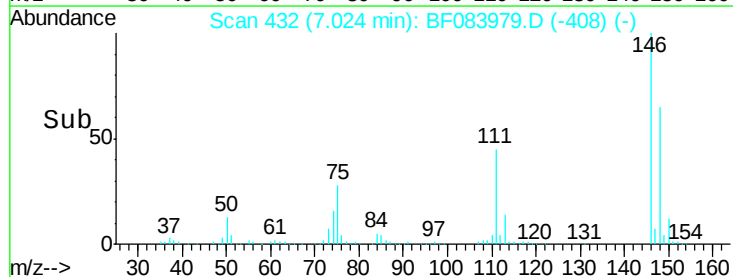
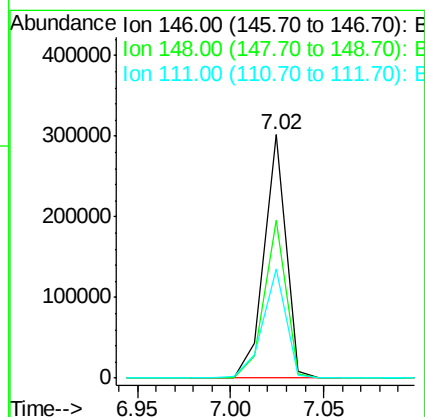
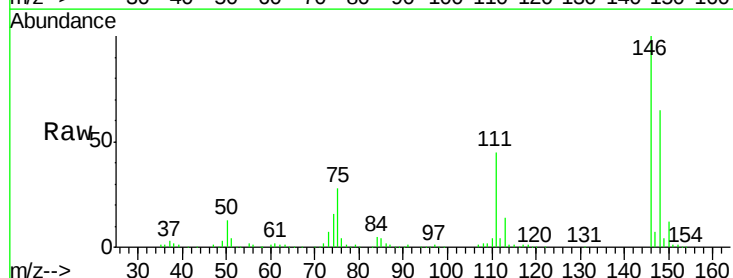
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

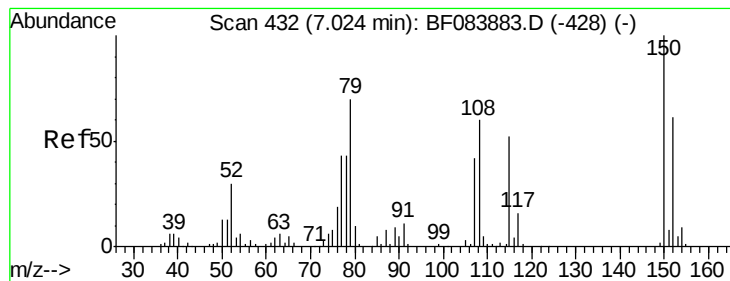
Tgt Ion:146 Resp: 236410
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.9 77.9
 111 47.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 42.59 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion:146 Resp: 243837
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 44.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 38.33 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

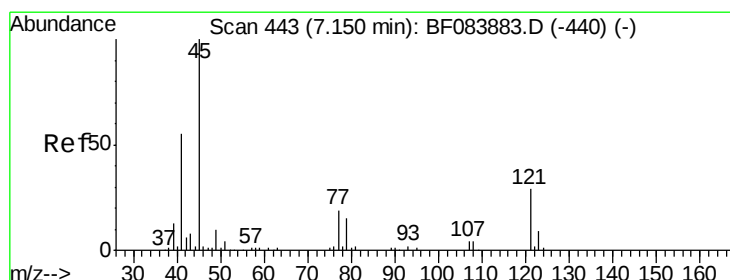
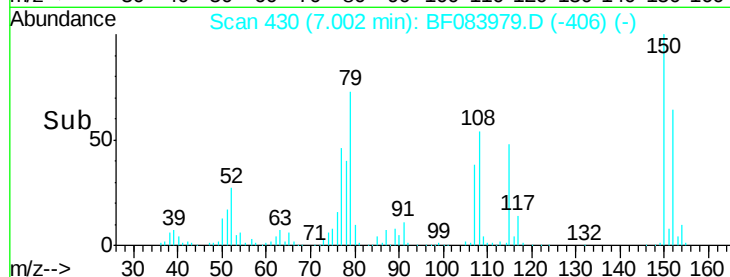
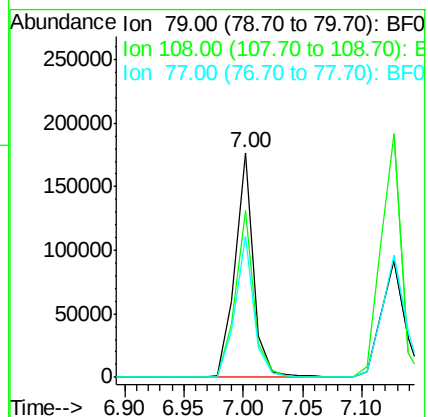
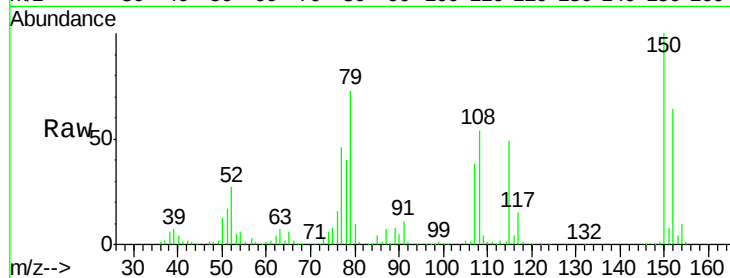
Tgt Ion: 79 Resp: 192153

Ion Ratio Lower Upper

79 100

108 74.2 69.0 103.4

77 63.1 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.79 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

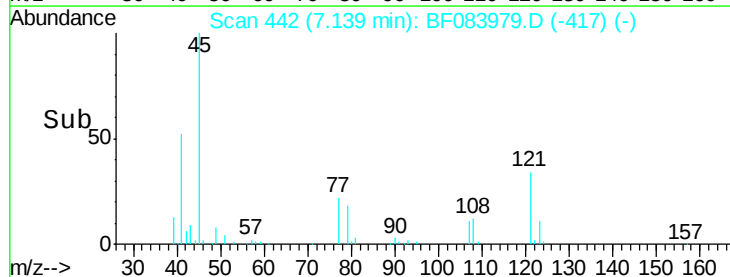
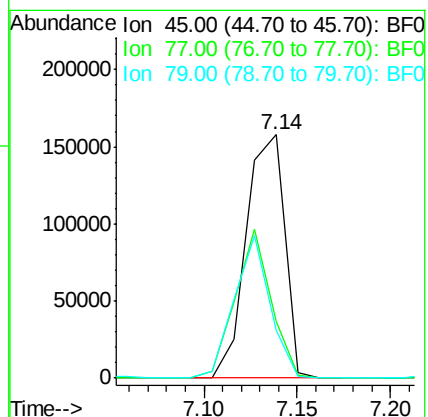
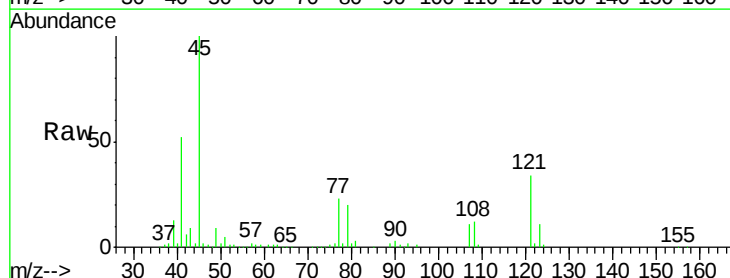
Tgt Ion: 45 Resp: 224598

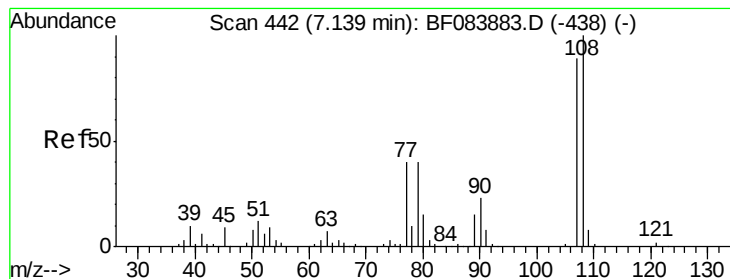
Ion Ratio Lower Upper

45 100

77 23.5 0.0 39.6

79 19.7 0.0 35.0





#17

2-Methylphenol

Concen: 40.60 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

Tgt Ion:107 Resp: 205110

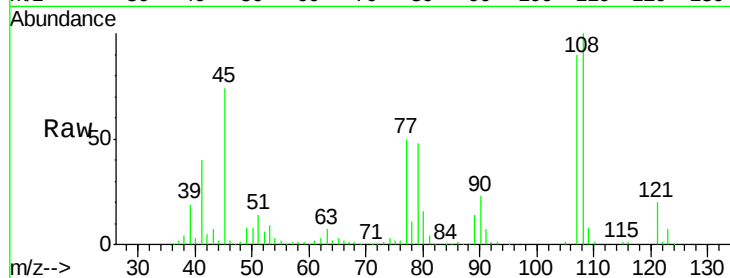
Ion Ratio Lower Upper

107 100

108 111.1 89.8 134.6

77 55.9 35.7 53.5#

79 53.3 35.7 53.5

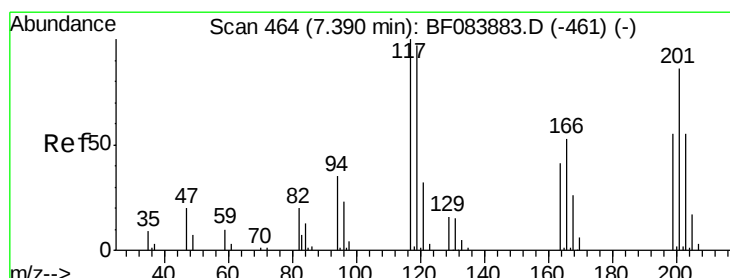
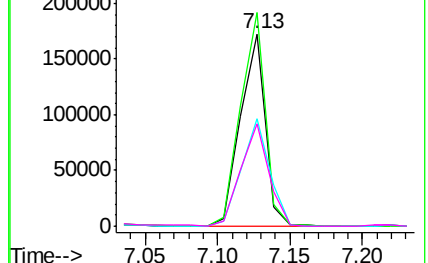
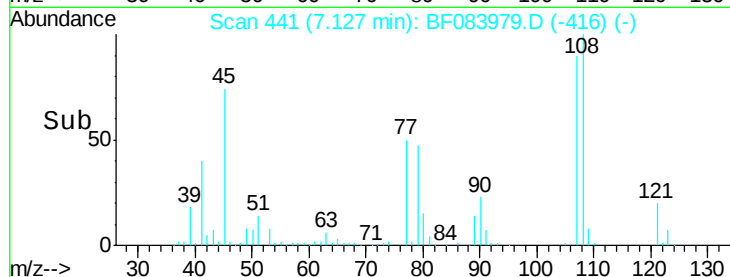


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.54 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

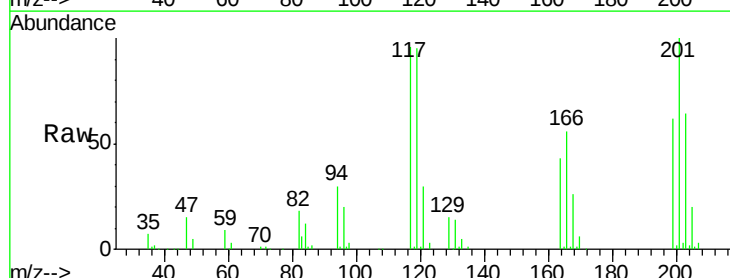
Tgt Ion:117 Resp: 92217

Ion Ratio Lower Upper

117 100

119 98.7 77.4 116.0

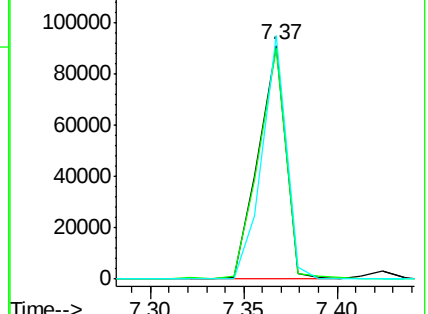
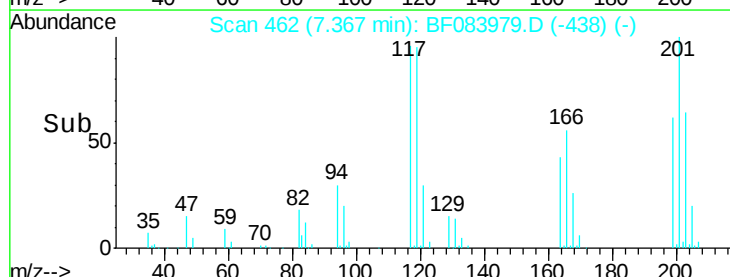
201 104.2 68.6 103.0#

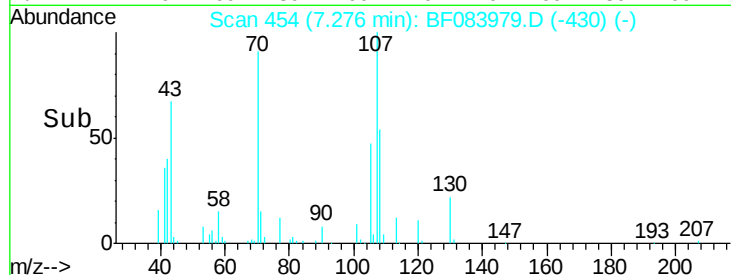
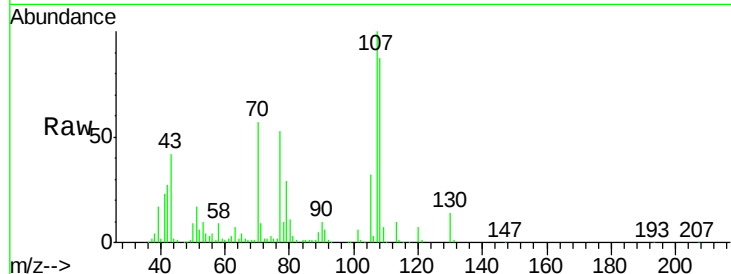
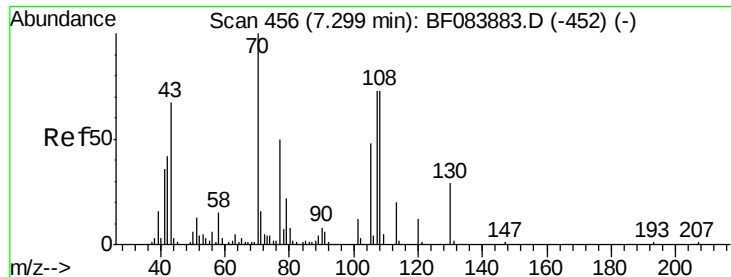


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

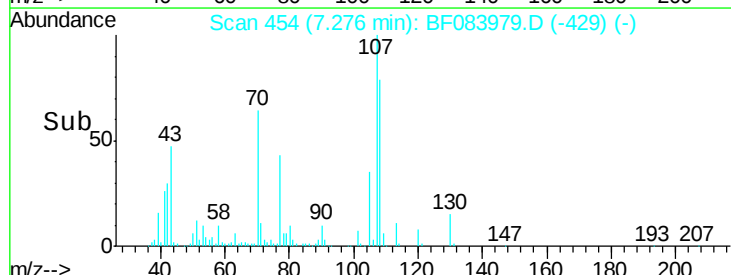
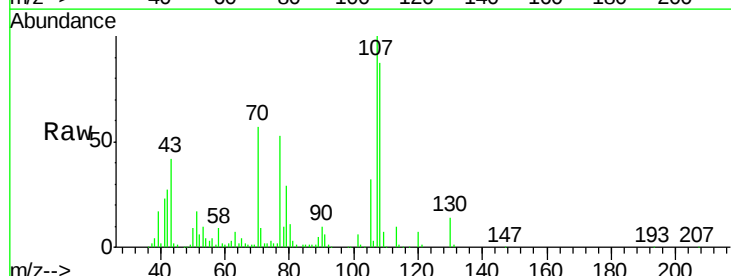
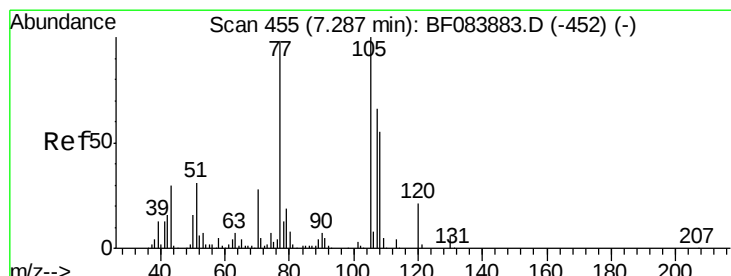
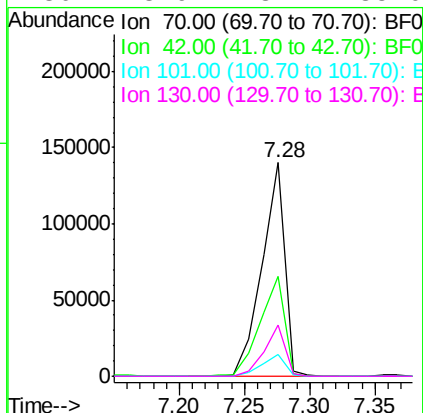




#19
n-Nitroso-di-n-propylamine
Concen: 44.45 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

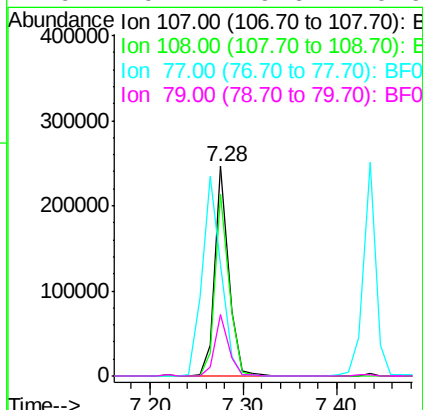
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

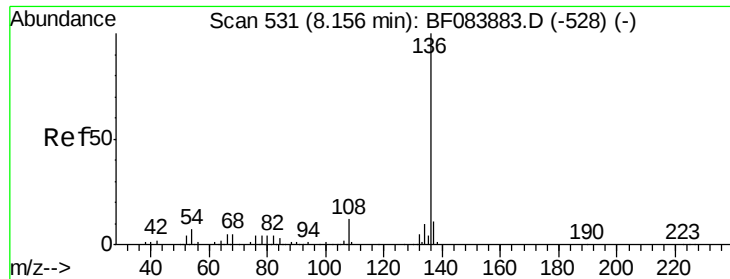
Tgt Ion:	70	Resp:	171641
Ion	Ratio	Lower	Upper
70	100		
42	46.7	33.3	49.9
101	10.5	9.3	13.9
130	23.9	23.4	35.0



#20
3+4-Methylphenols
Concen: 42.75 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion:	107	Resp:	253819
Ion	Ratio	Lower	Upper
107	100		
108	86.8	64.1	104.1
77	53.0	128.9	168.9#
79	29.4	9.6	49.6

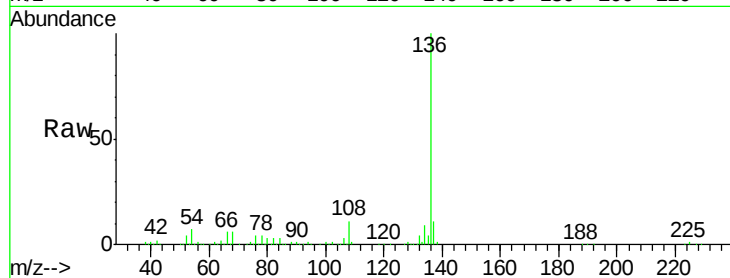




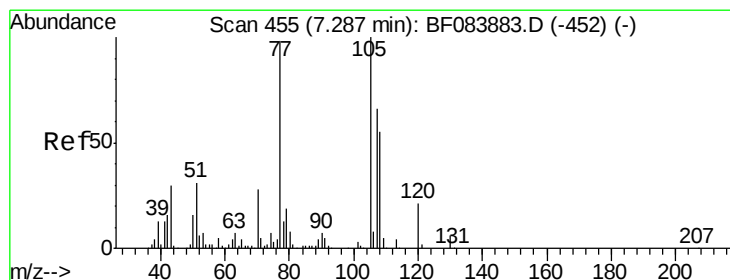
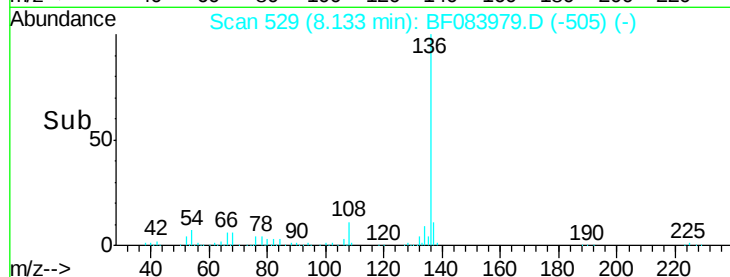
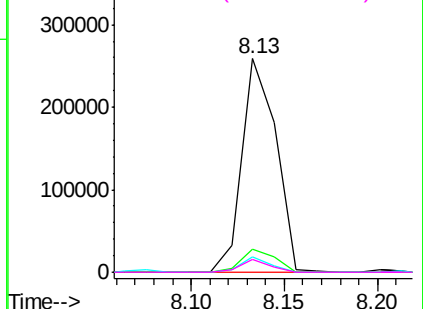
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tgt Ion:	136	Resp:	327281
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.4	5.8	8.8
68	5.8	4.2	6.2

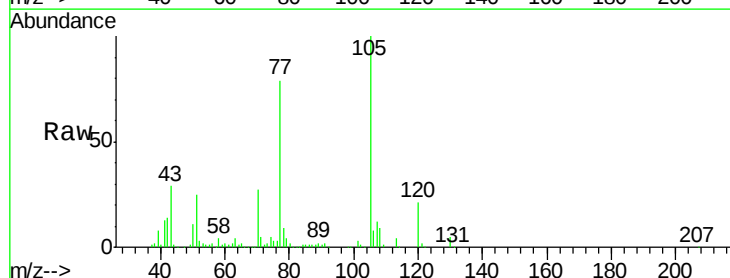


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

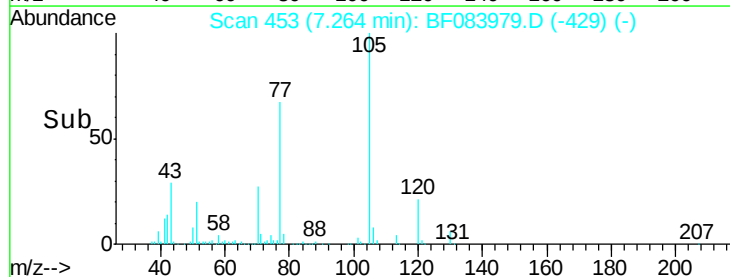
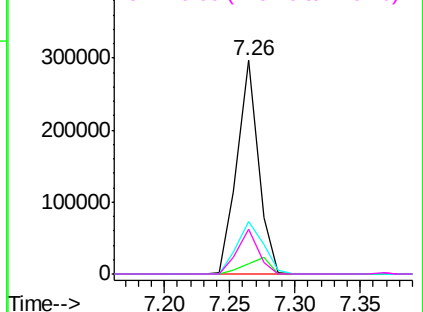


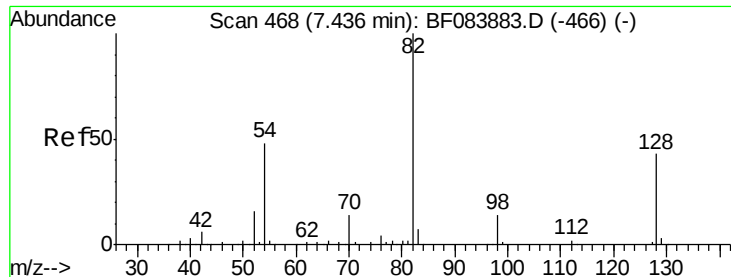
#22
Acetophenone
Concen: 43.03 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion:	105	Resp:	339008
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.7	5.5
51	24.8	25.1	37.7#
120	21.0	16.6	25.0



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

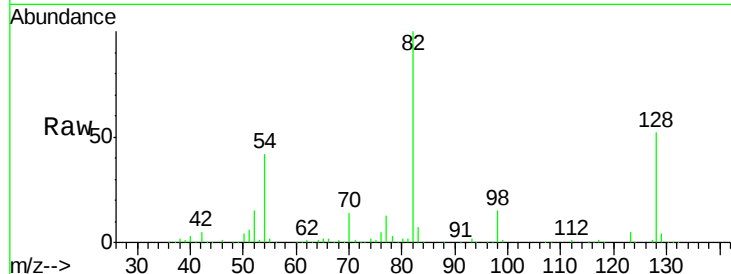




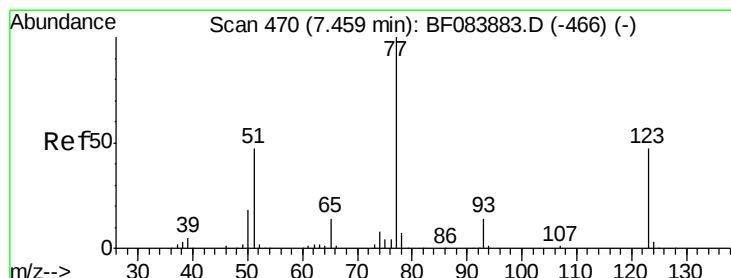
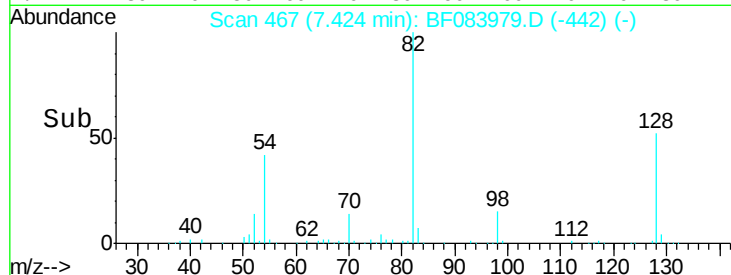
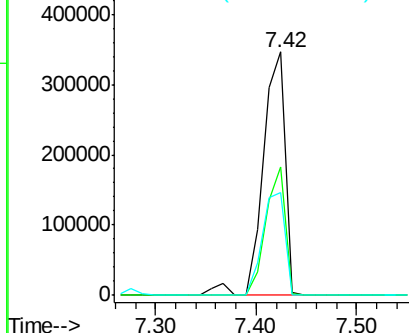
#23
 Nitrobenzene-d5
 Concen: 91.78 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tgt Ion: 82 Resp: 526330
 Ion Ratio Lower Upper
 82 100
 128 52.5 34.6 51.8#
 54 42.1 38.4 57.6

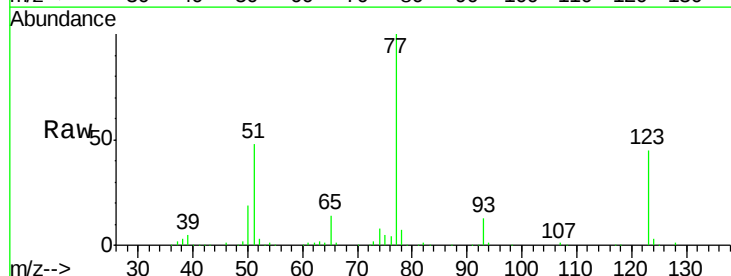


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

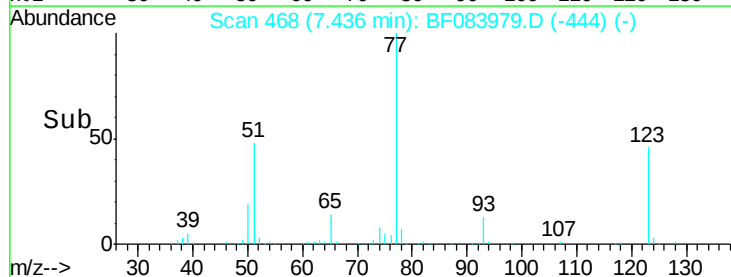
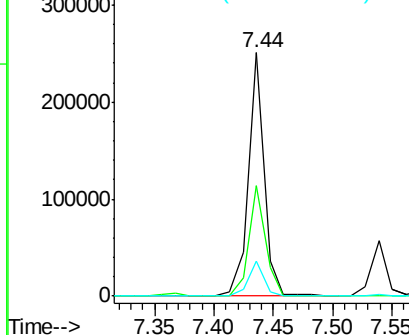


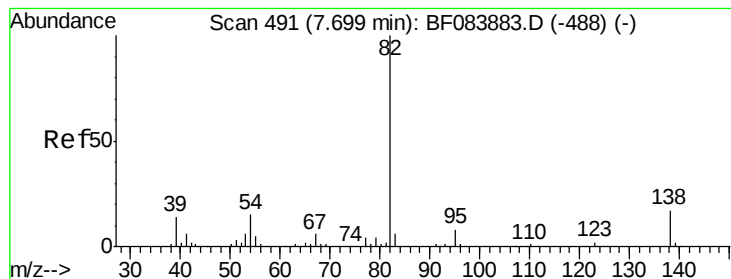
#24
 Nitrobenzene
 Concen: 39.79 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion: 77 Resp: 235964
 Ion Ratio Lower Upper
 77 100
 123 45.5 37.4 56.2
 65 14.3 10.9 16.3



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





#25

Isophorone

Concen: 42.70 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

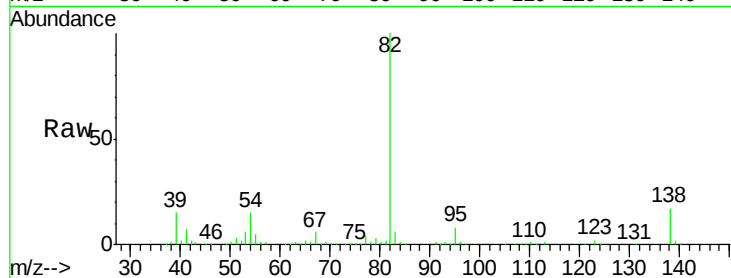
Tgt Ion: 82 Resp: 460727

Ion Ratio Lower Upper

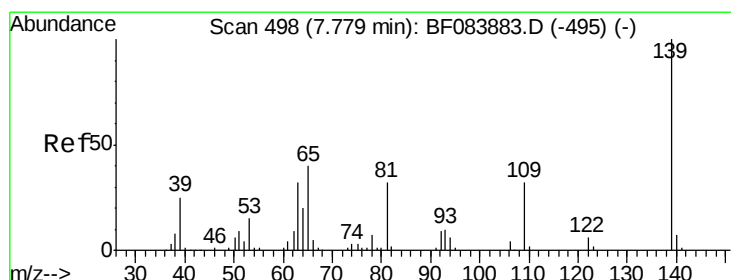
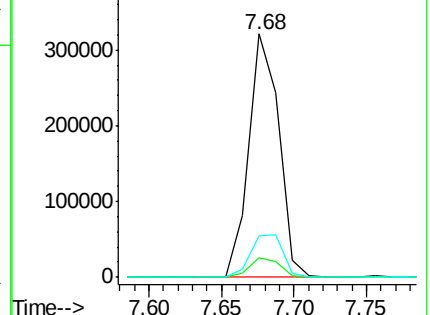
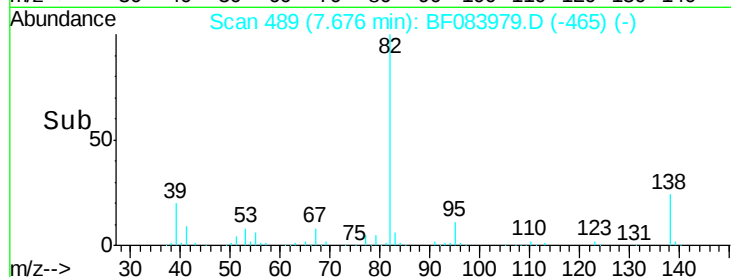
82 100

95 8.1 6.6 10.0

138 17.0 13.6 20.4



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



#26

2-Nitrophenol

Concen: 38.20 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

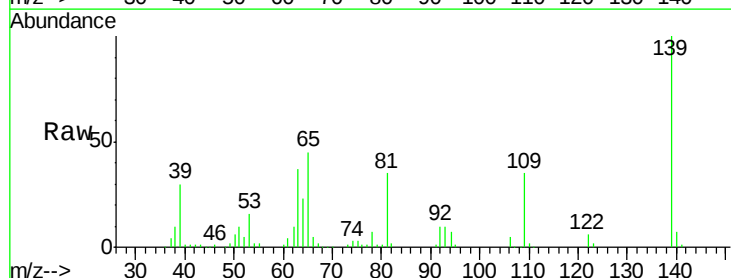
Tgt Ion: 139 Resp: 117266

Ion Ratio Lower Upper

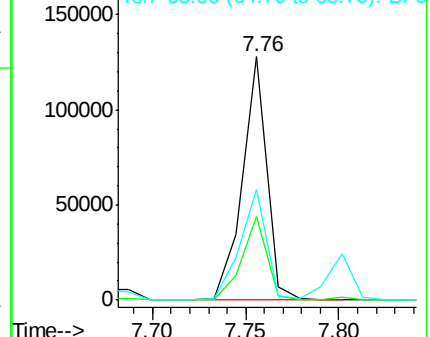
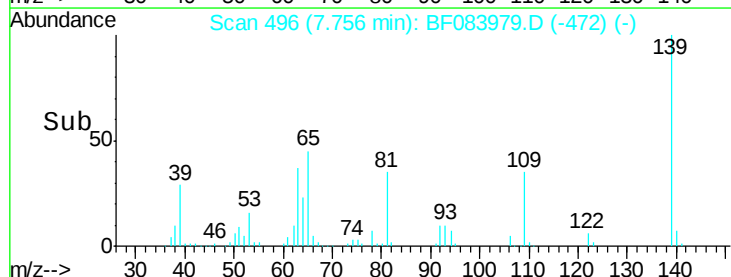
139 100

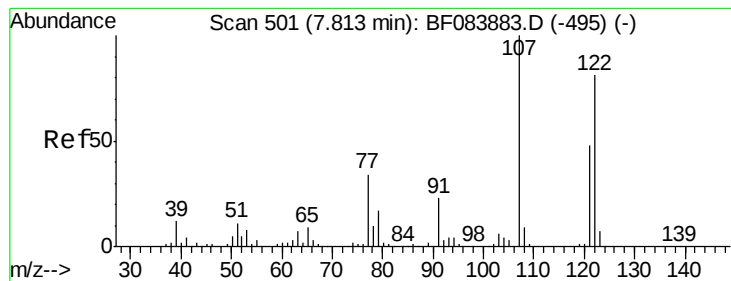
109 34.5 25.4 38.2

65 45.2 32.3 48.5



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





#27

2,4-Dimethylphenol

Concen: 44.98 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

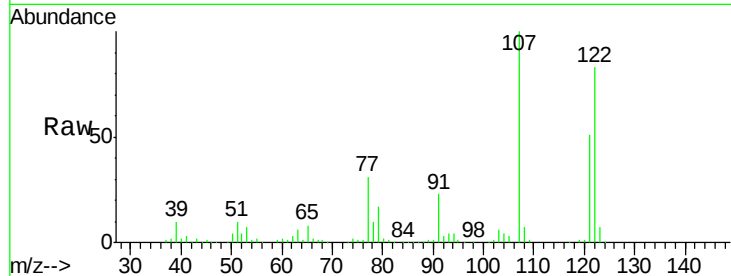
Tgt Ion:122 Resp: 237841

Ion Ratio Lower Upper

122 100

107 120.3 99.1 148.7

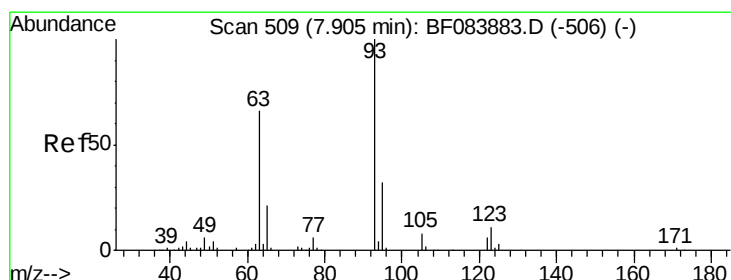
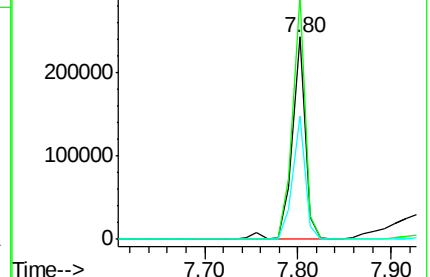
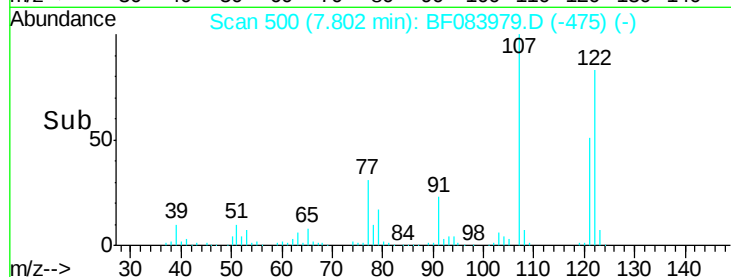
121 61.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.77 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

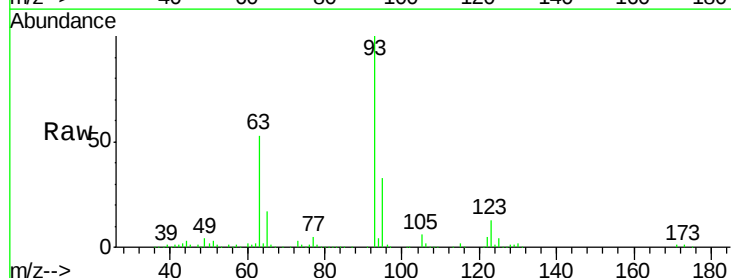
Tgt Ion: 93 Resp: 298487

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.6

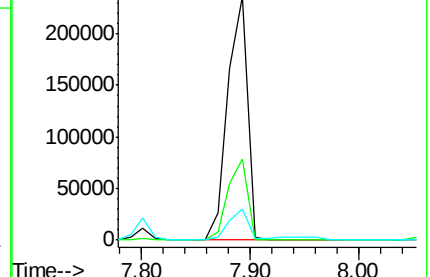
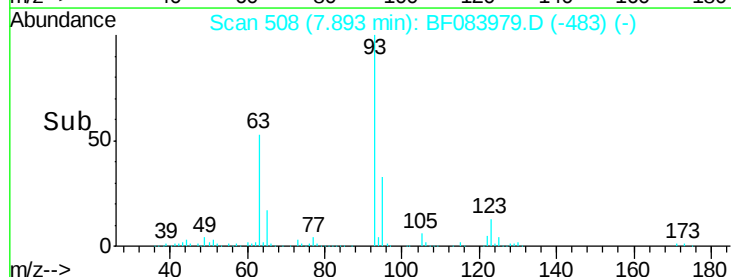
123 12.6 8.6 12.8

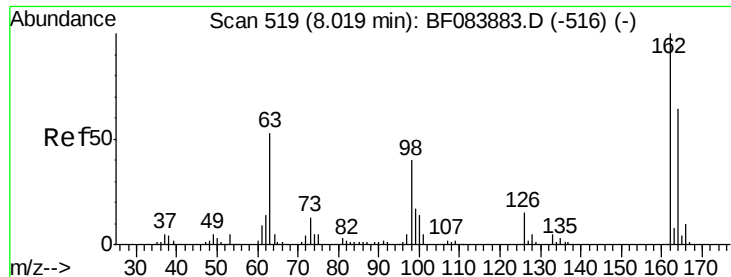


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

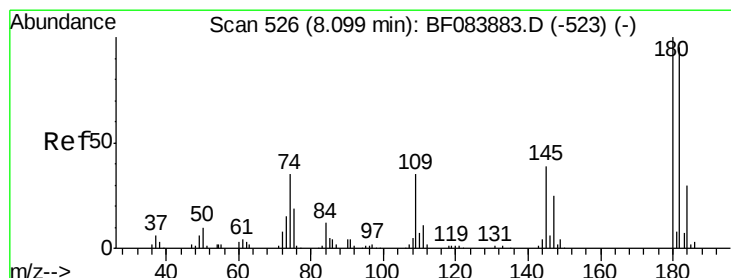
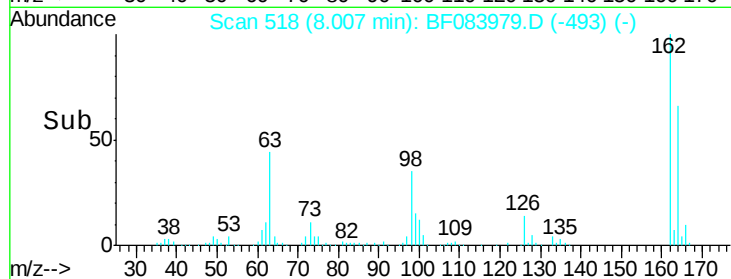
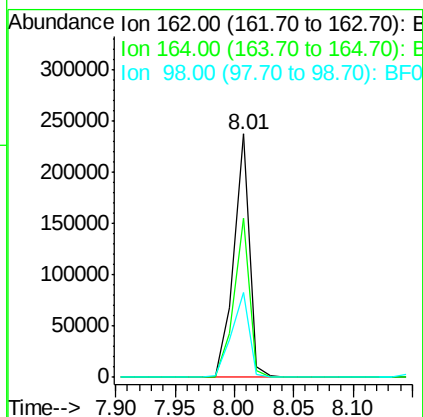
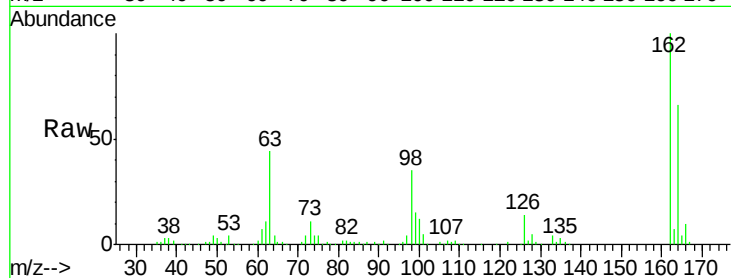




#29
 2,4-Dichlorophenol
 Concen: 45.72 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

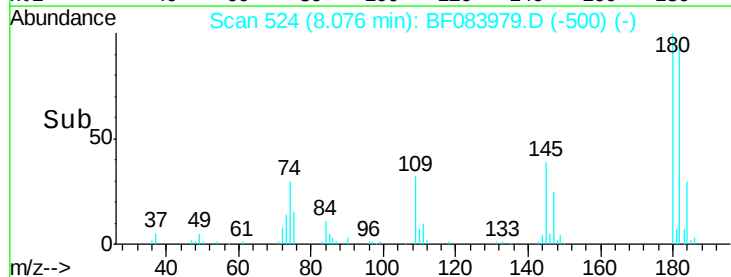
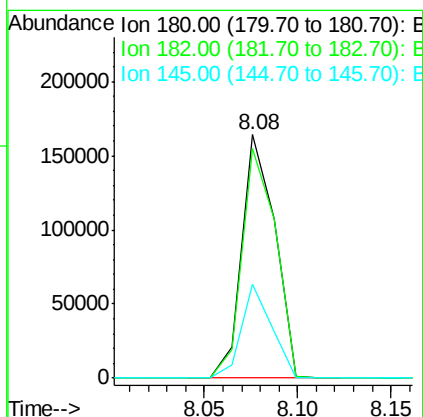
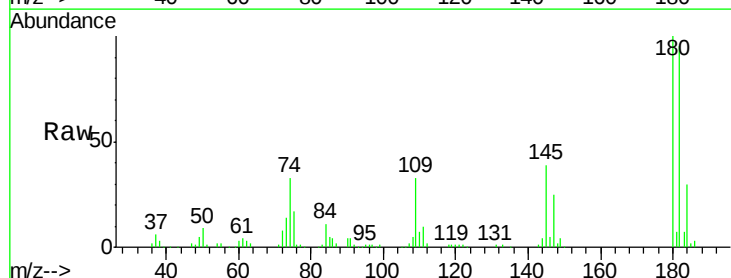
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

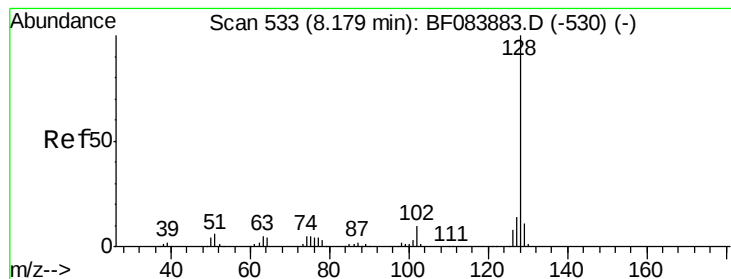
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.1	84.1
98	35.1	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.08 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	38.8	31.6	47.4





#31

Naphthalene

Concen: 69.38 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

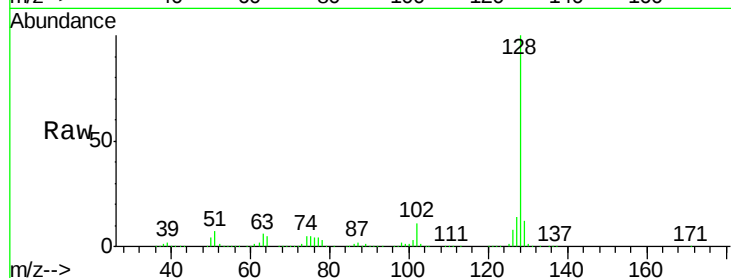
Tgt Ion:128 Resp: 1124334

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

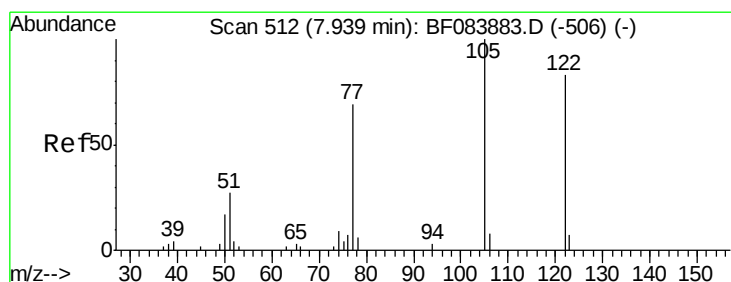
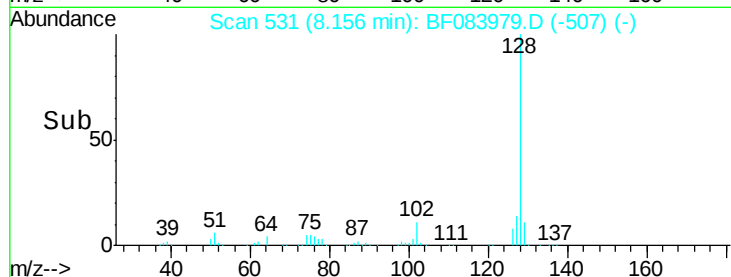
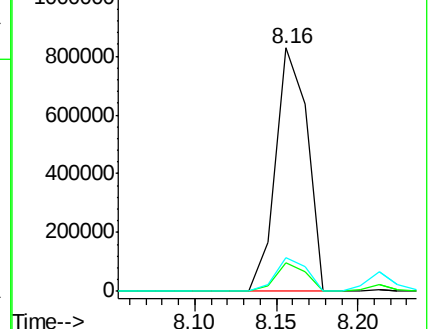
127 14.1 11.1 16.7



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: 65.30 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

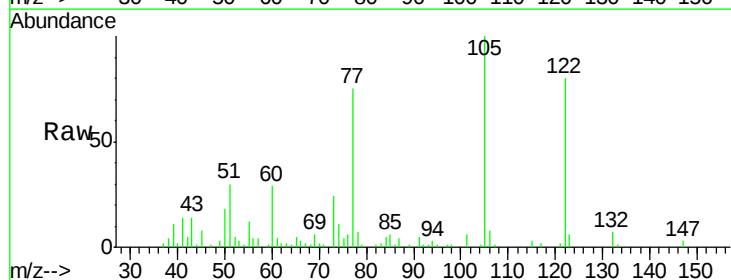
Tgt Ion:122 Resp: 144823

Ion Ratio Lower Upper

122 100

105 124.9 100.3 140.3

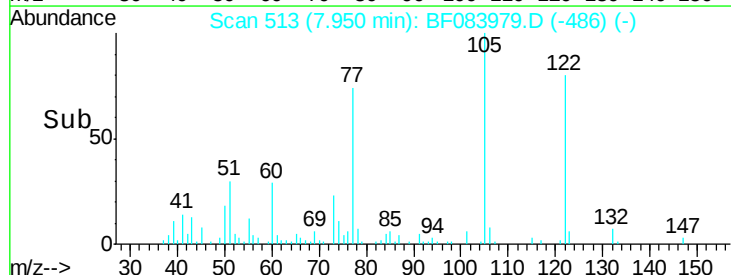
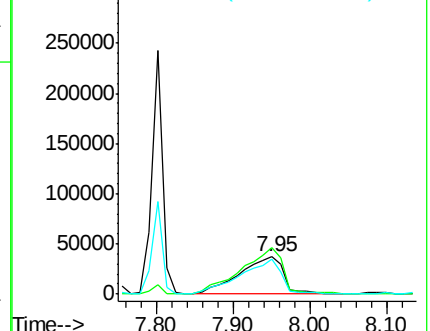
77 93.5 63.5 103.5

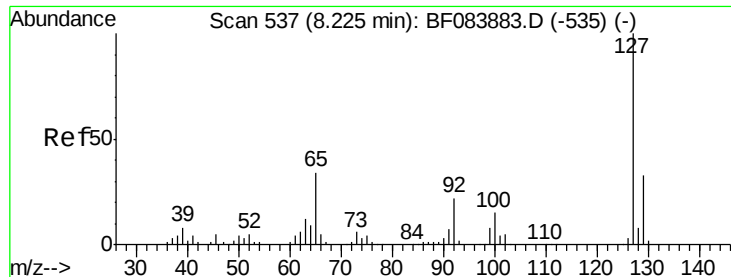


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

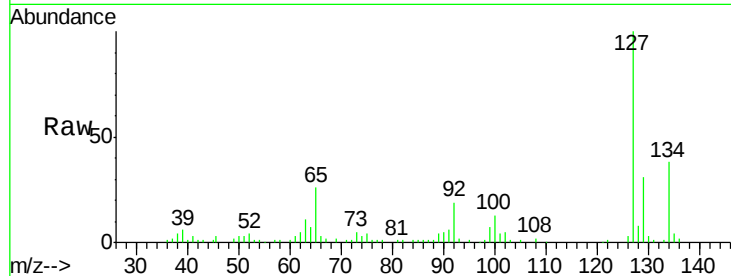




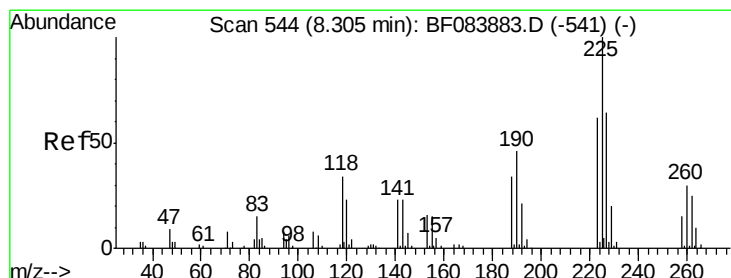
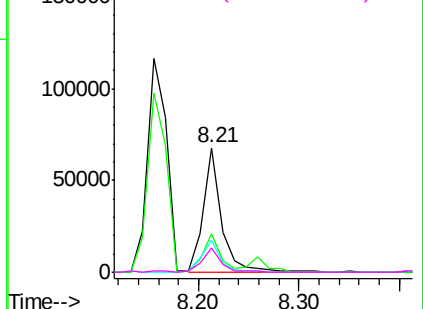
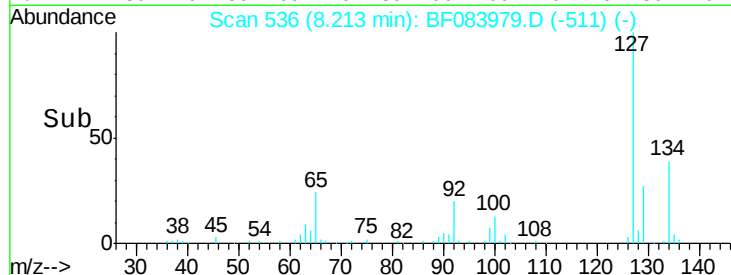
#33
4-Chloroaniline
Concen: 11.58 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tgt Ion:	127	Resp:	86030
Ion Ratio		Lower	Upper
127	100		
129	31.1	26.5	39.7
65	25.6	27.2	40.8#
92	19.3	17.7	26.5

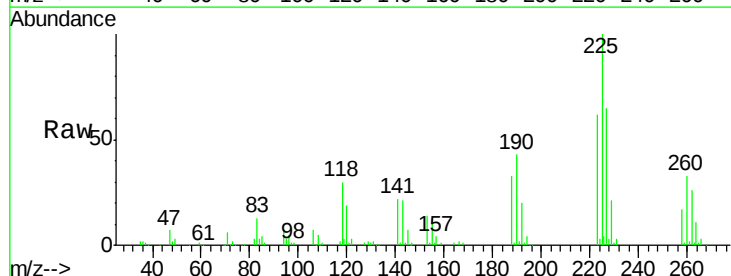


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

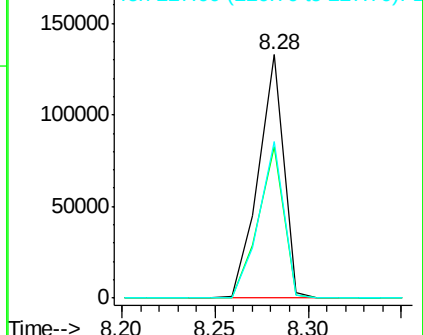
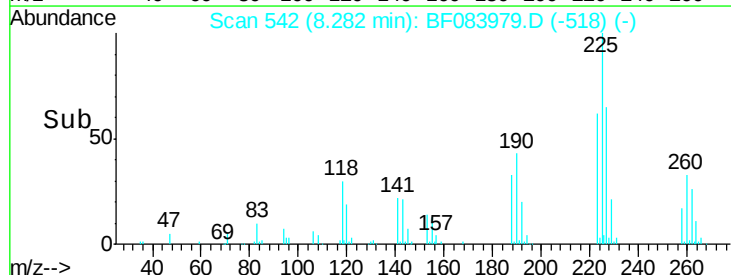


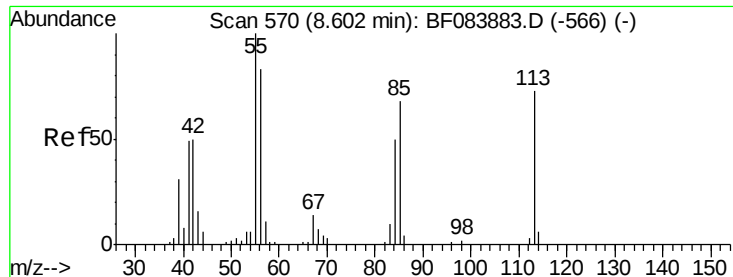
#34
Hexachlorobutadiene
Concen: 38.64 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion:	225	Resp:	124317
Ion Ratio		Lower	Upper
225	100		
223	62.4	49.4	74.0
227	64.5	50.8	76.2



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

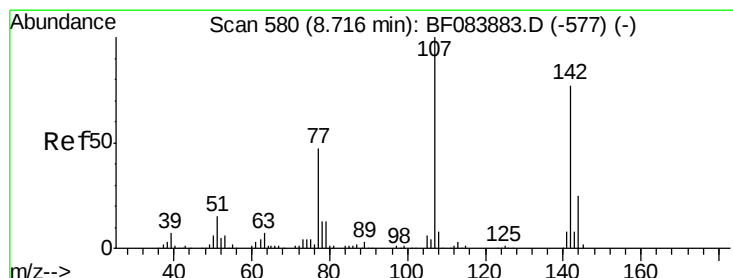
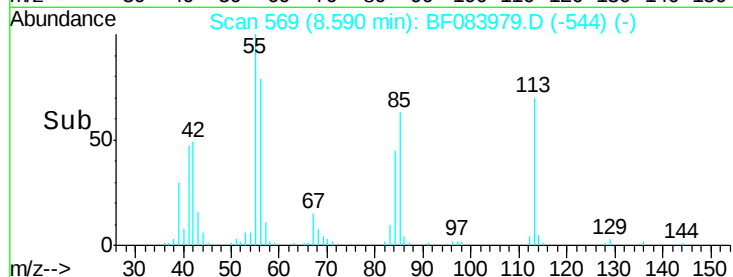
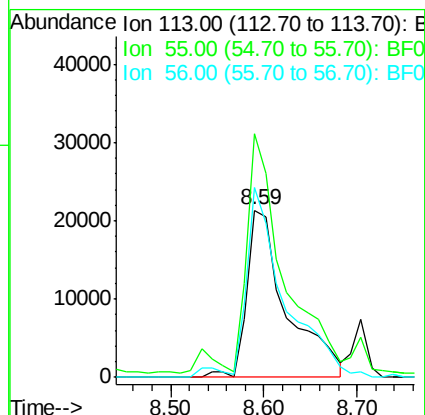
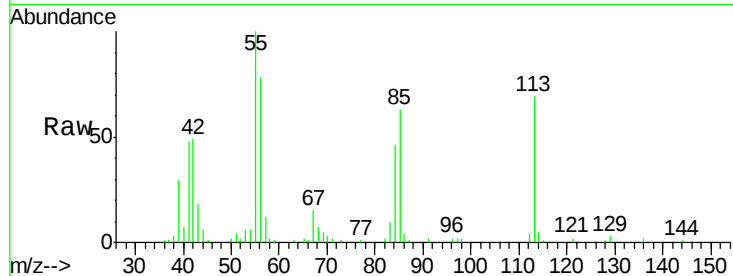




#35
 Caprolactam
 Concen: 39.99 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

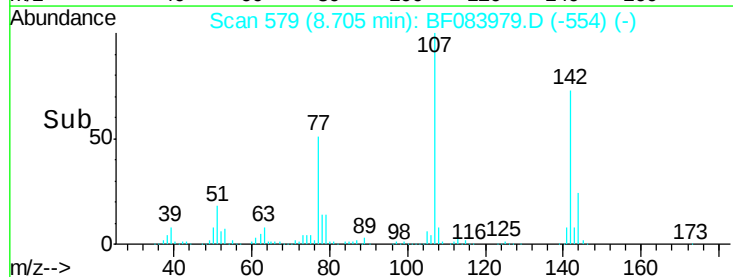
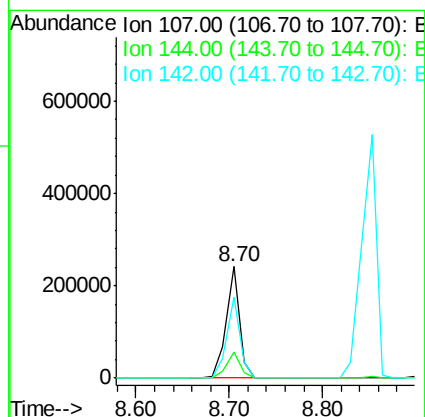
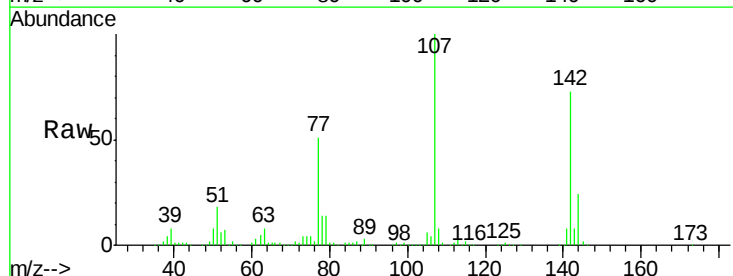
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

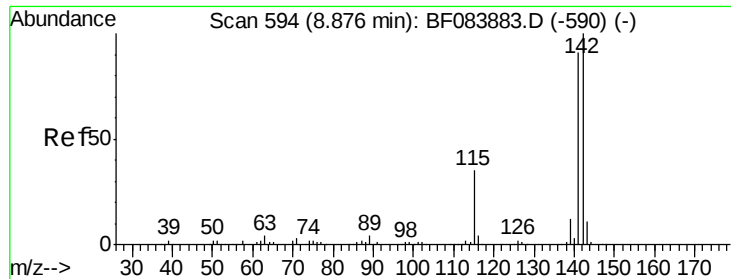
Tgt Ion:113 Resp: 63384
 Ion Ratio Lower Upper
 113 100
 55 145.8 116.9 156.9
 56 113.7 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.53 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion:107 Resp: 241216
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.7 29.5
 142 72.7 61.8 92.6

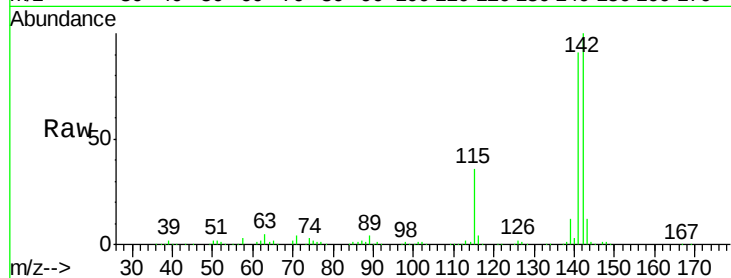




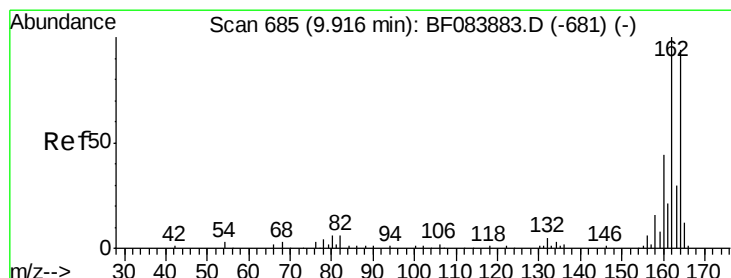
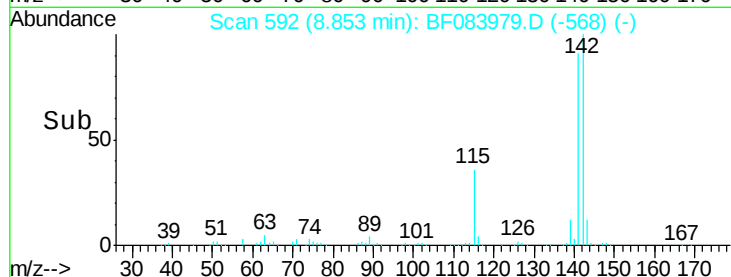
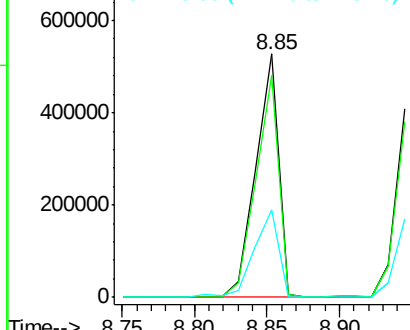
#37
2-Methylnaphthalene
Concen: 50.69 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tgt Ion:142 Resp: 576596
Ion Ratio Lower Upper
142 100
141 91.1 72.4 108.6
115 35.8 27.9 41.9

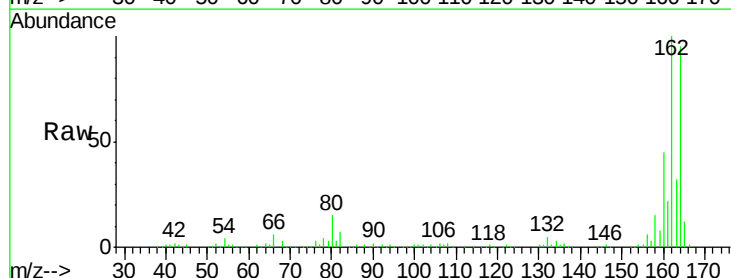


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

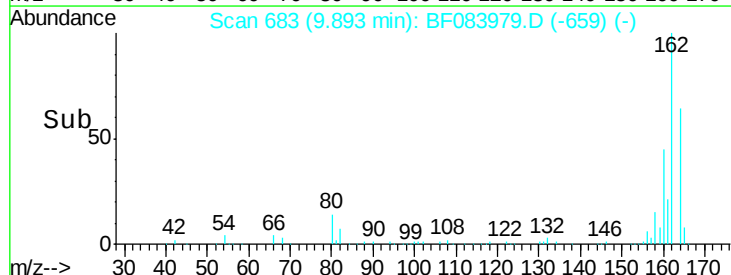
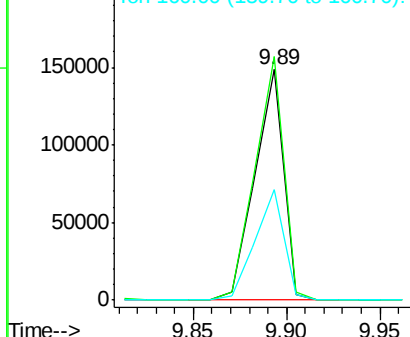


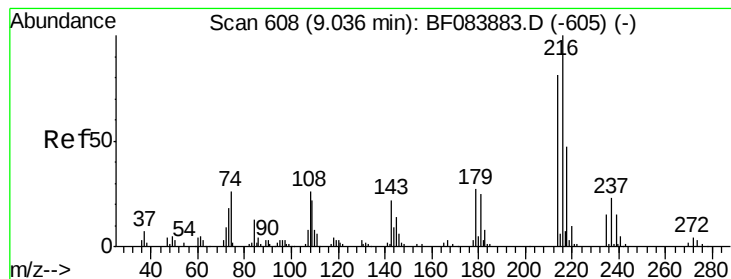
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion:164 Resp: 157224
Ion Ratio Lower Upper
164 100
162 105.5 85.1 127.7
160 47.8 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.53 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

Tgt Ion:216 Resp: 205879

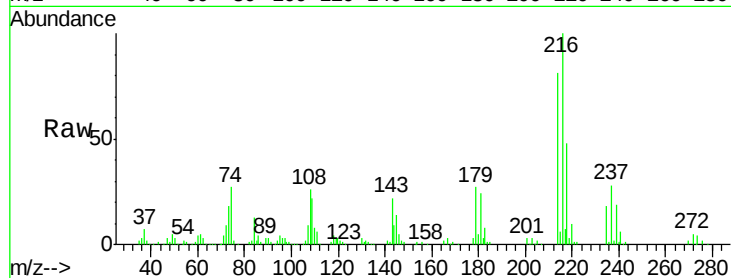
Ion Ratio Lower Upper

216 100

214 78.6 64.2 96.2

179 22.9 18.7 28.1

108 20.6 16.8 25.2

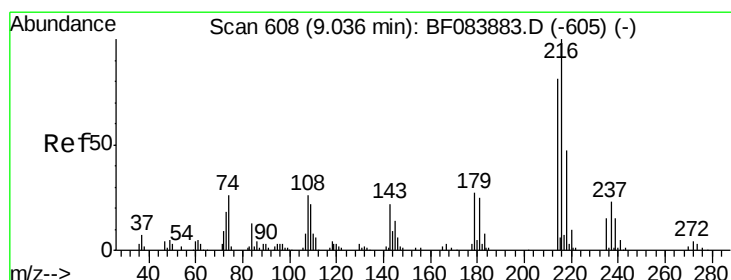
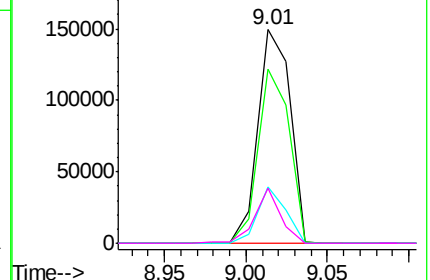
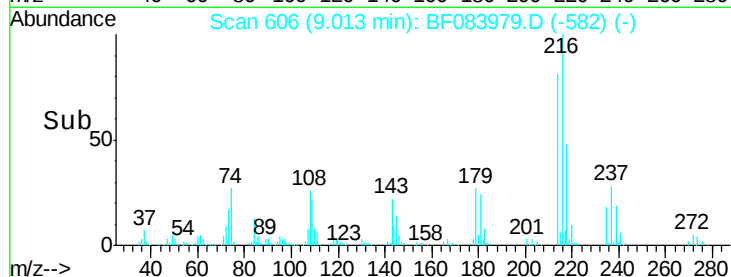


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.82 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.03 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

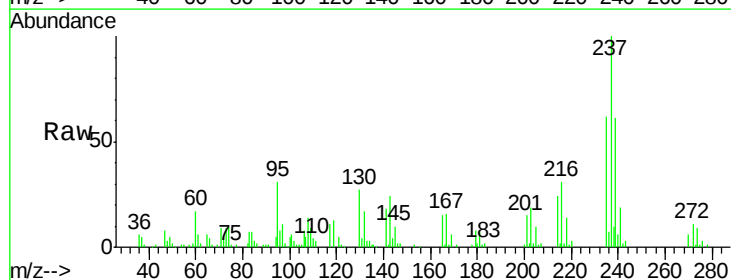
Tgt Ion:237 Resp: 82689

Ion Ratio Lower Upper

237 100

235 62.1 43.1 83.1

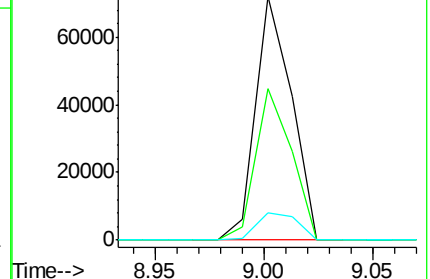
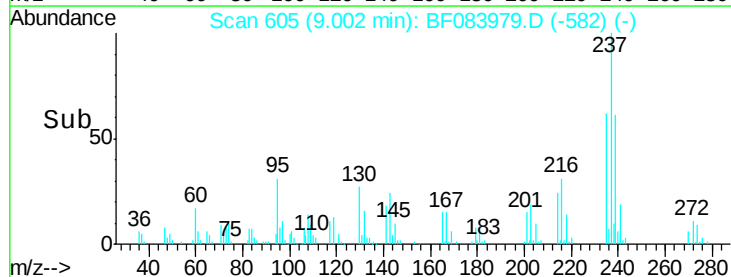
272 11.4 0.0 35.1

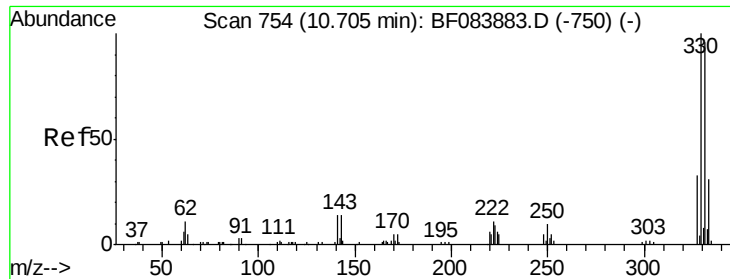


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

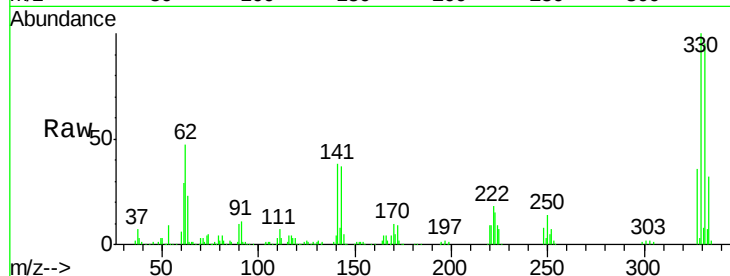




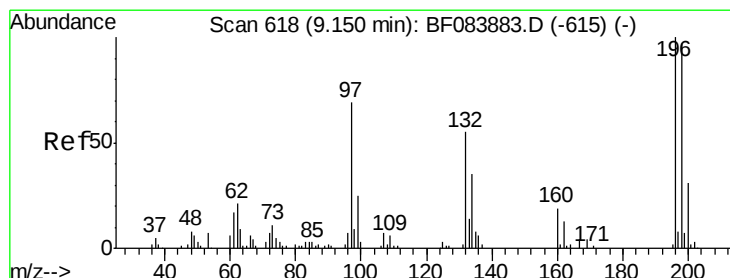
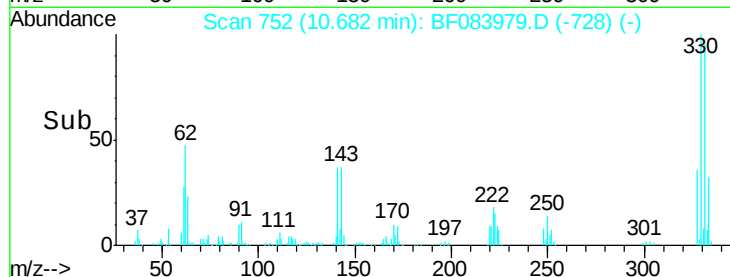
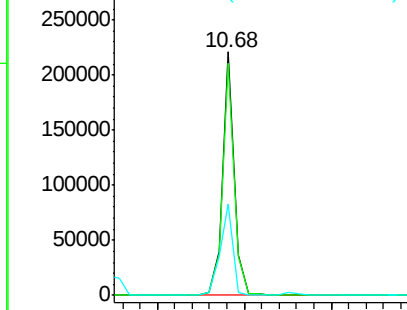
#41
 2,4,6-Tribromophenol
 Concen: 120.71 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tgt Ion:330 Resp: 209079
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 40.8 27.8 41.6

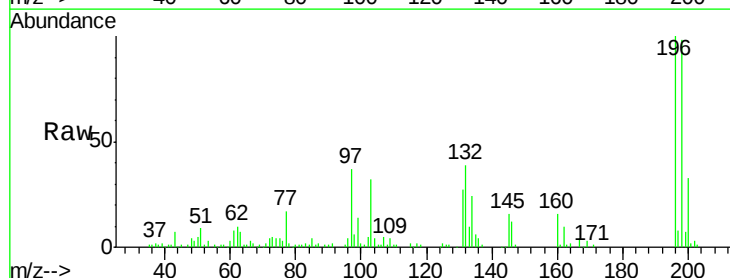


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

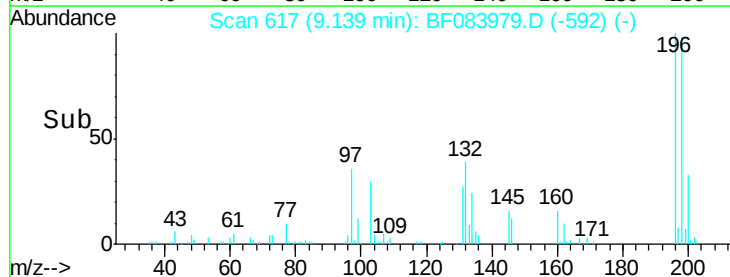
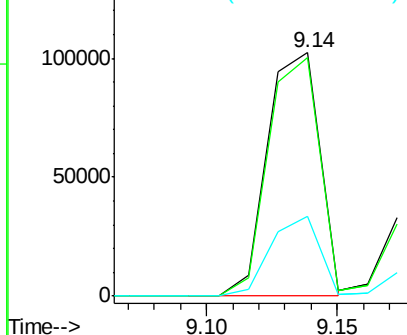


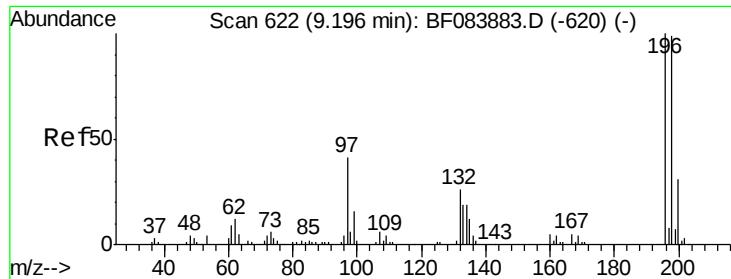
#42
 2,4,6-Trichlorophenol
 Concen: 43.57 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion:196 Resp: 142624
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.7 116.5
 200 32.9 24.6 37.0



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

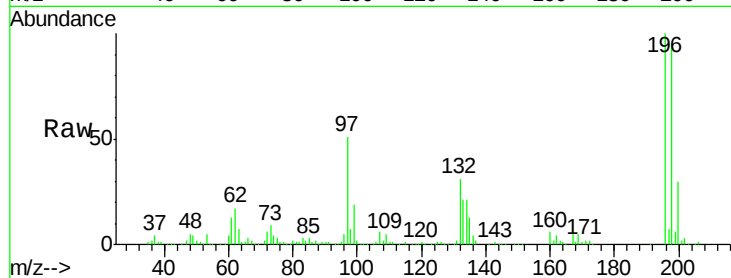




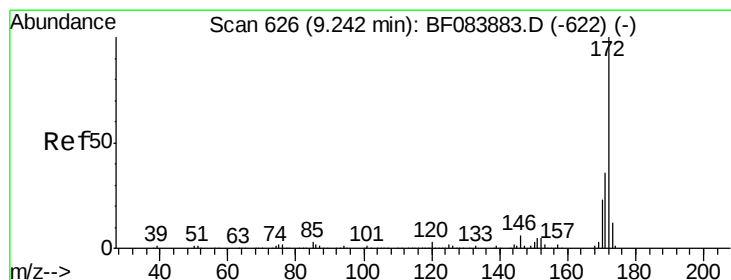
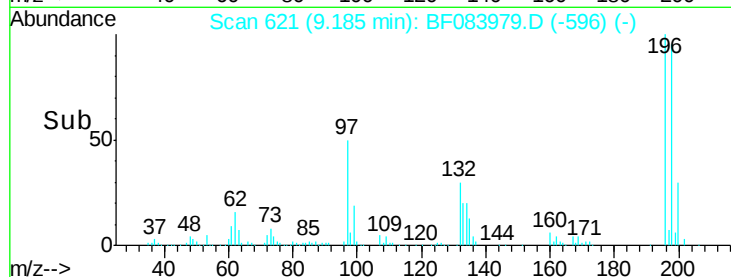
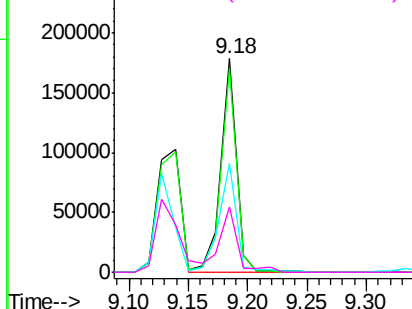
#43
 2,4,5-Trichlorophenol
 Concen: 49.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tgt Ion:196 Resp: 161058
 Ion Ratio Lower Upper
 196 100
 198 95.1 79.0 118.6
 97 51.1 33.0 49.6#
 132 30.5 21.1 31.7

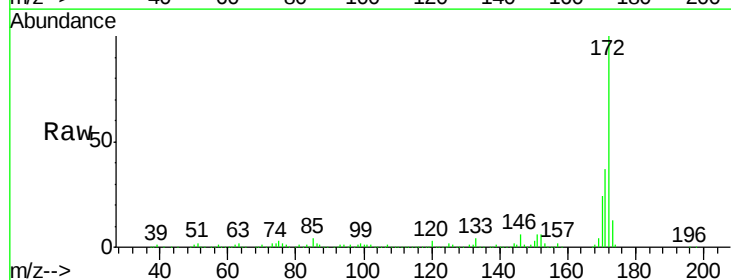


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

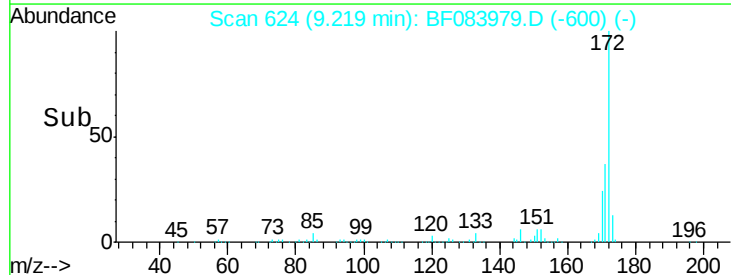
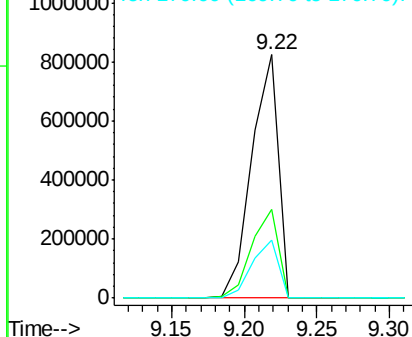


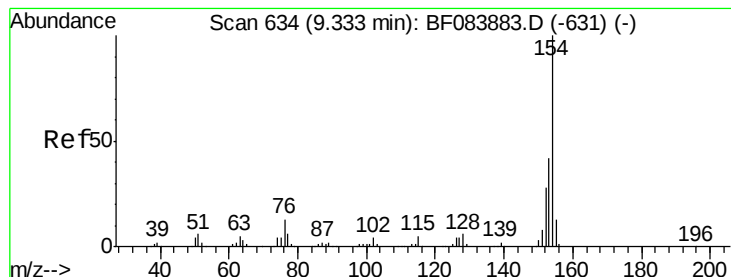
#44
 2-Fluorobiphenyl
 Concen: 95.13 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion:172 Resp: 1045211
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.1 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 42.41 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

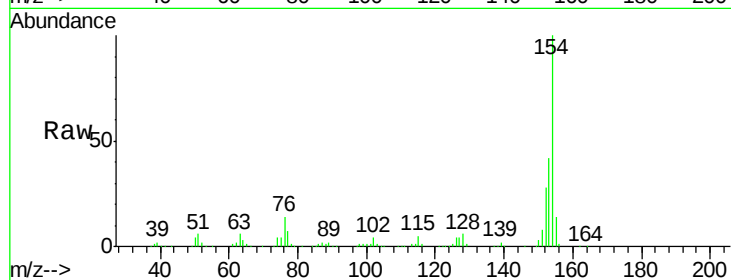
Tgt Ion:154 Resp: 560855

Ion Ratio Lower Upper

154 100

153 41.8 21.6 61.6

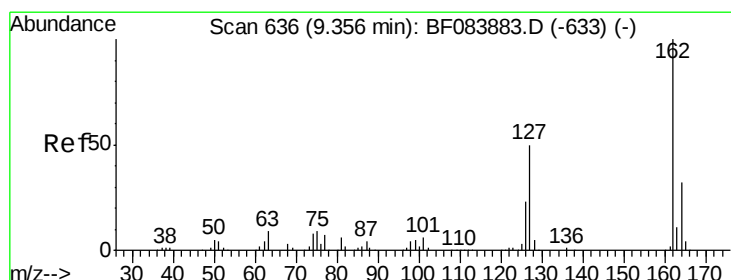
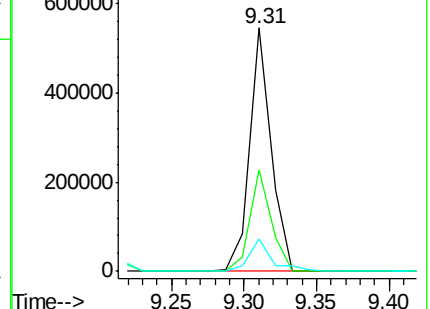
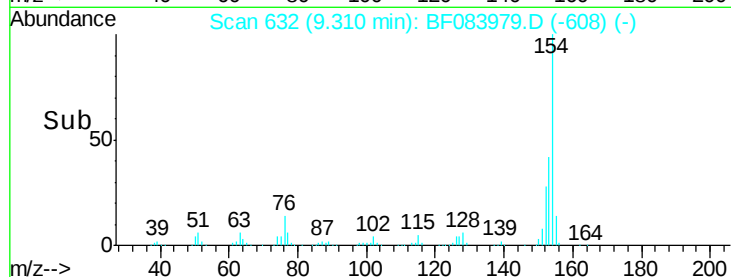
76 13.5 0.0 32.7



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: 40.33 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

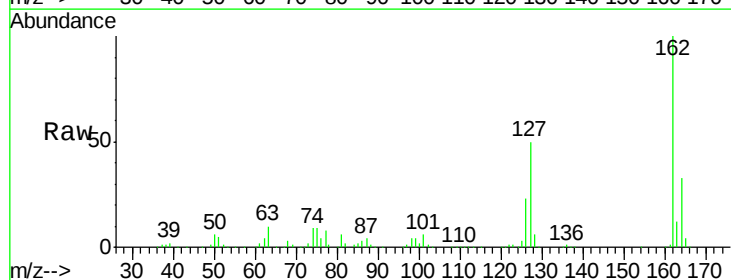
Tgt Ion:162 Resp: 418533

Ion Ratio Lower Upper

162 100

127 50.1 40.2 60.4

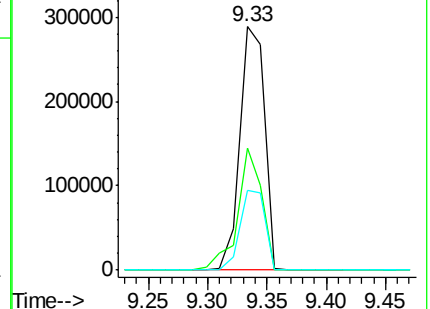
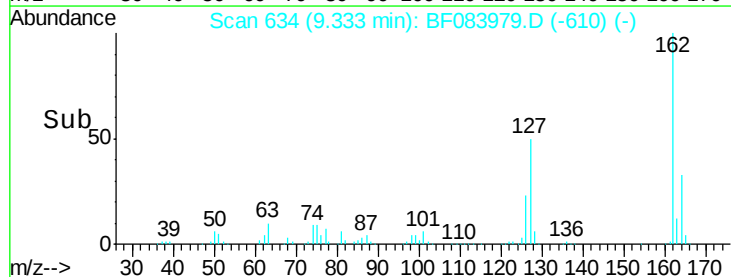
164 32.7 25.7 38.5

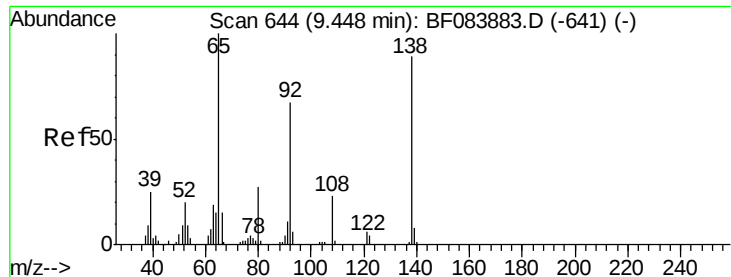


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

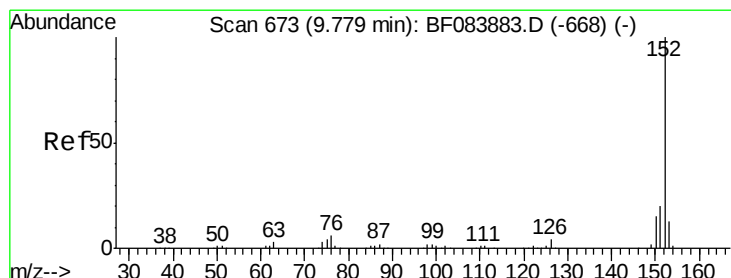
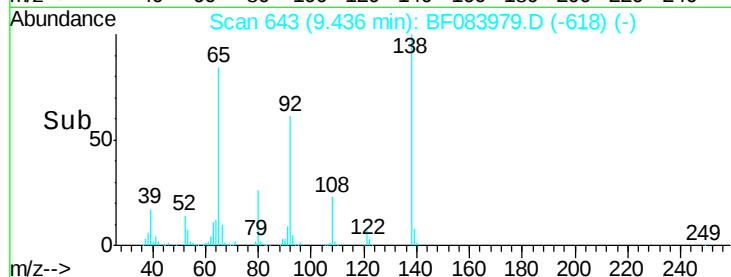
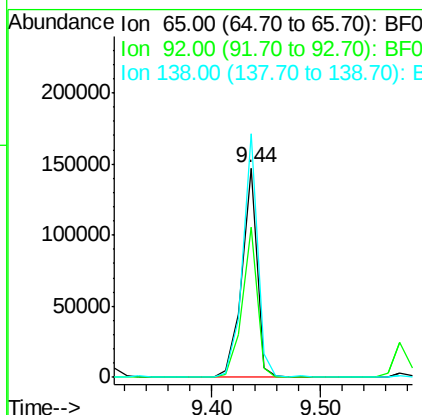
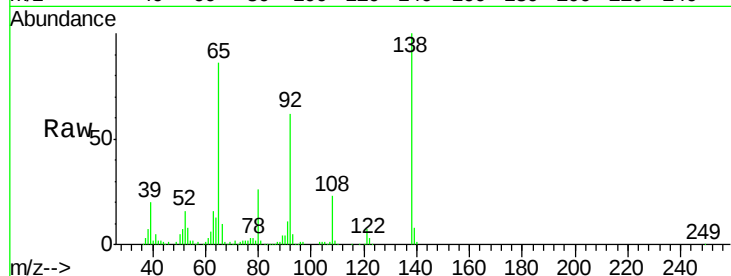




#47
2-Nitroaniline
Concen: 45.32 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

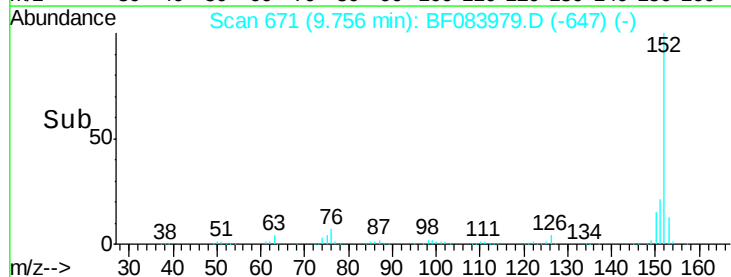
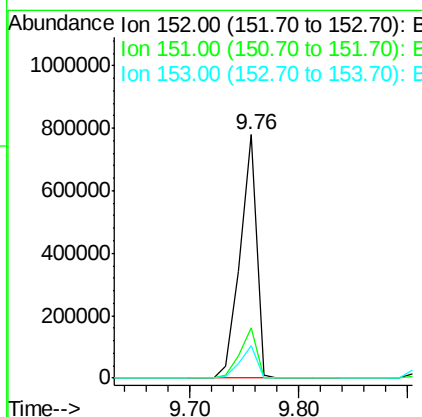
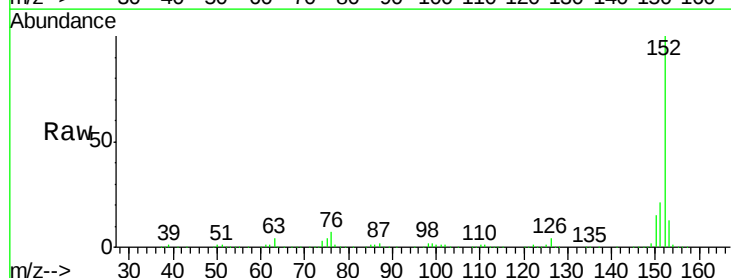
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

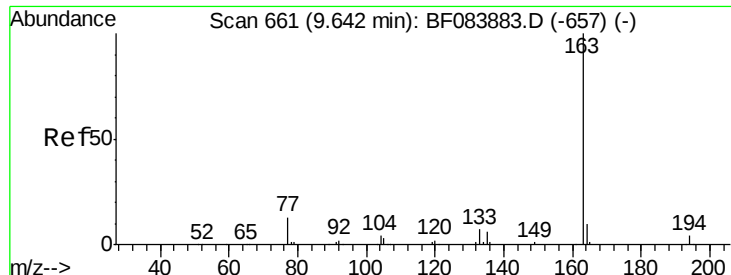
Tgt Ion: 65 Resp: 140907
Ion Ratio Lower Upper
65 100
92 71.8 53.4 80.2
138 116.5 71.1 106.7#



#48
Acenaphthylene
Concen: 43.91 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion: 152 Resp: 804846
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.2 10.4 15.6





#49

Dimethylphthalate

Concen: 36.75 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

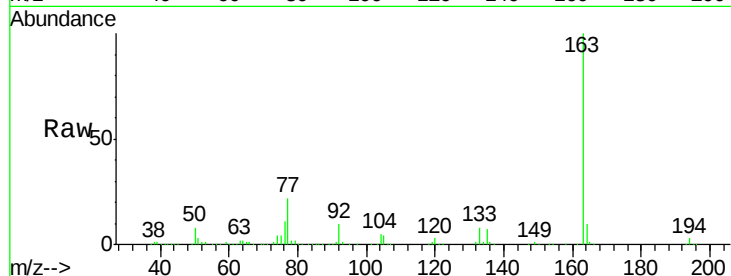
Tgt Ion:163 Resp: 484830

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

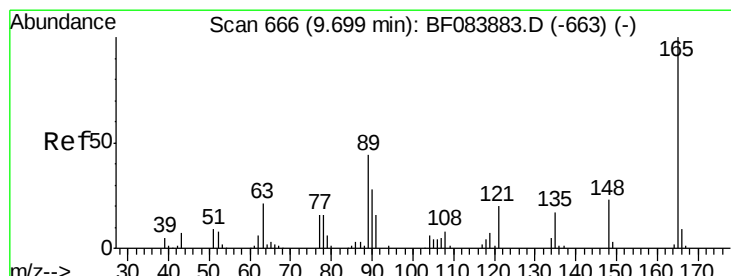
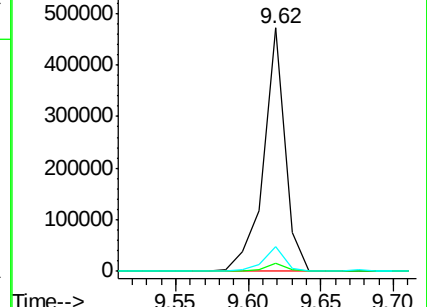
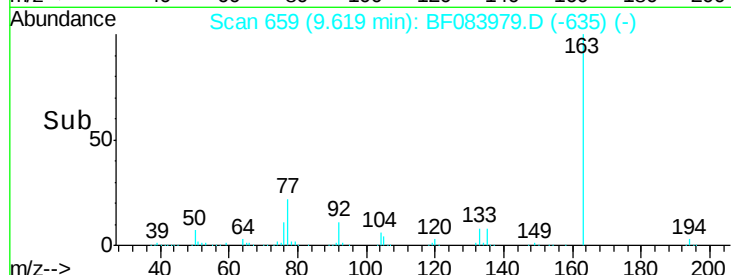
164 10.3 8.0 12.0



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: 39.59 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

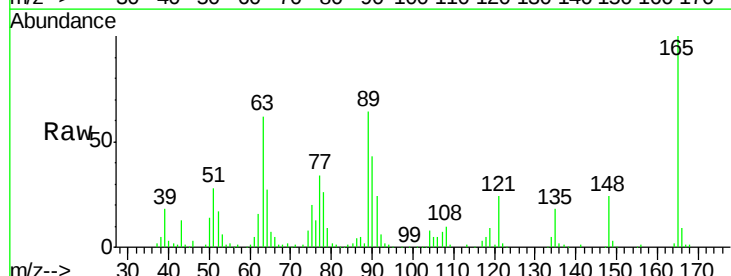
Tgt Ion:165 Resp: 113936

Ion Ratio Lower Upper

165 100

63 62.1 28.8 43.2#

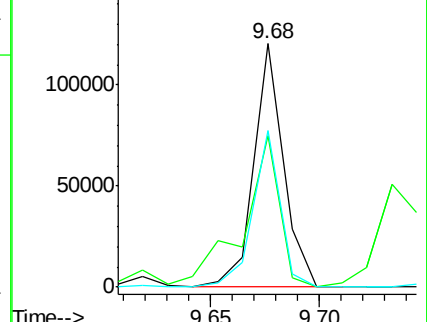
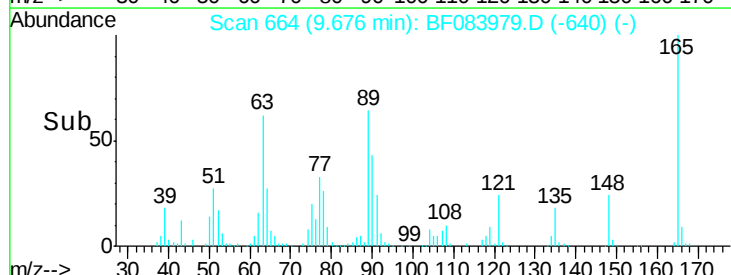
89 64.3 35.1 52.7#

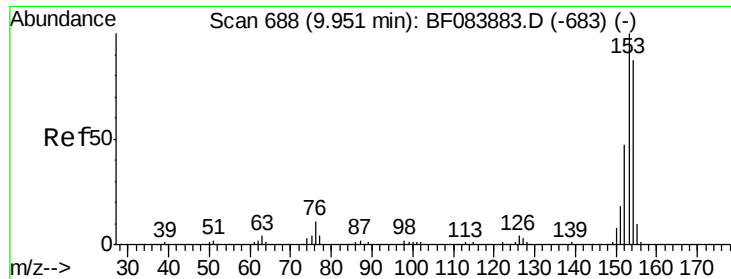


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.62 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

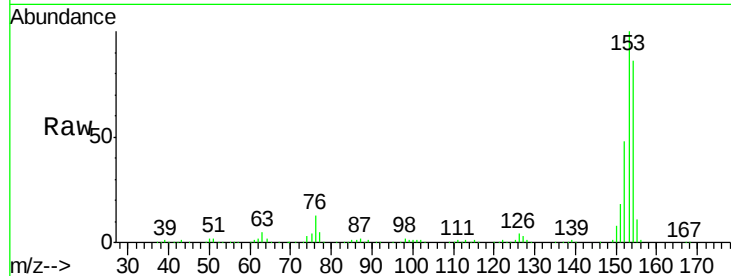
Tgt Ion:154 Resp: 469056

Ion Ratio Lower Upper

154 100

153 115.8 91.5 137.3

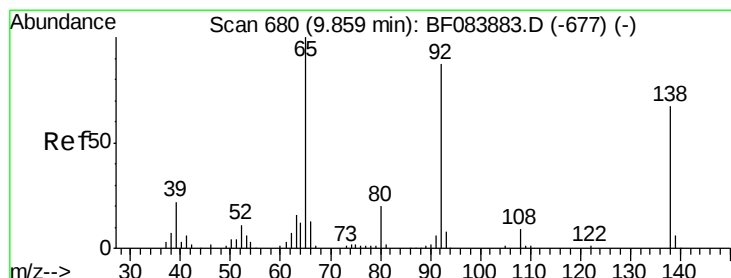
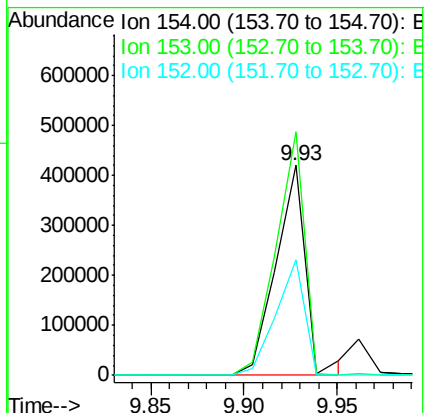
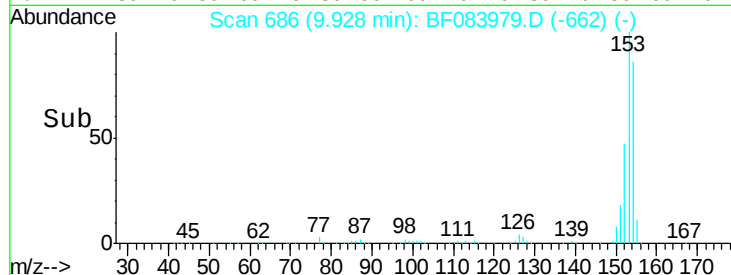
152 55.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.55 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

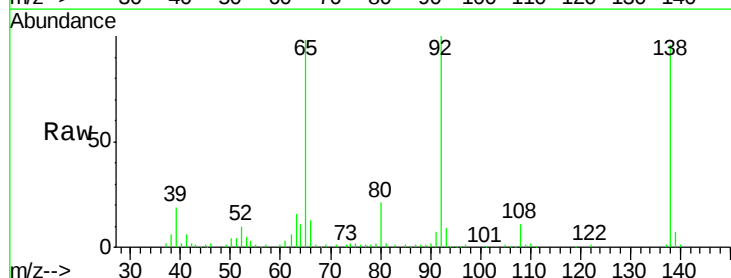
Tgt Ion:138 Resp: 71446

Ion Ratio Lower Upper

138 100

108 11.1 10.5 15.7

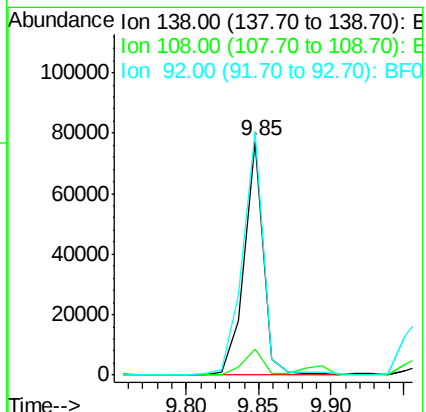
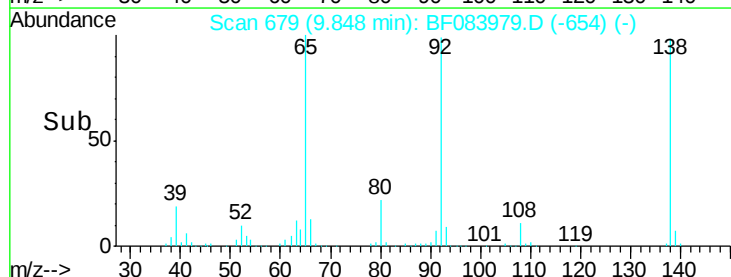
92 104.1 103.9 155.9

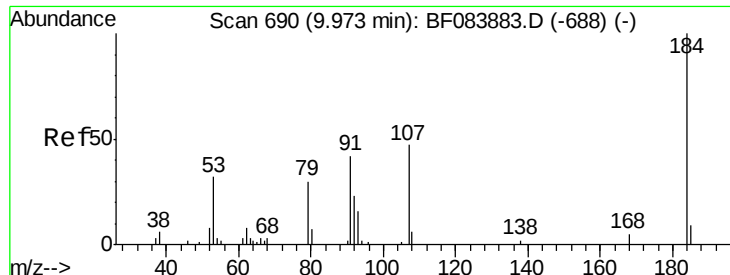


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

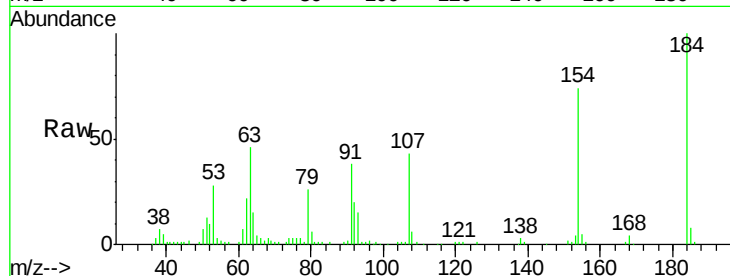




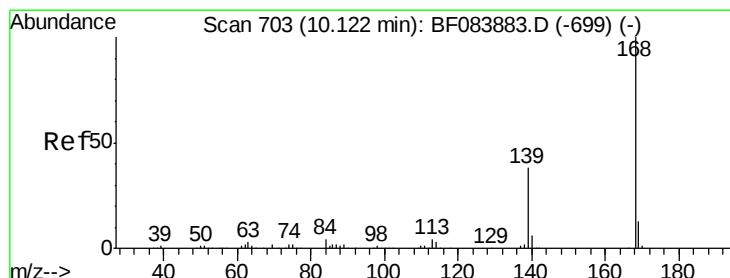
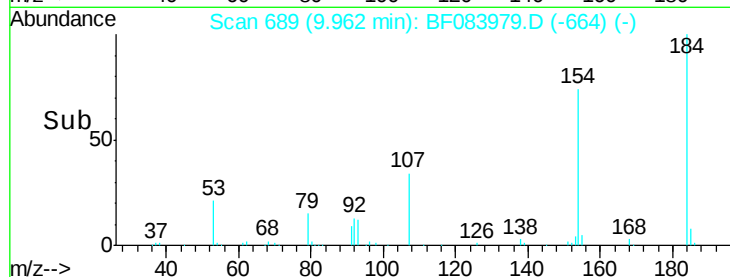
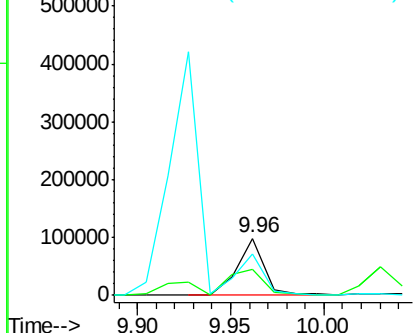
#53
2,4-Dinitrophenol
Concen: 95.58 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tgt Ion:184 Resp: 101143
Ion Ratio Lower Upper
184 100
63 45.8 43.1 64.7
154 73.6 60.5 90.7

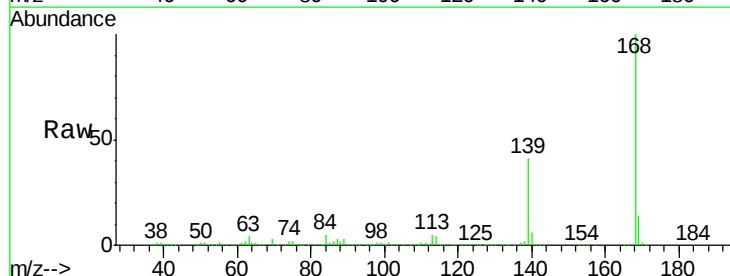


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

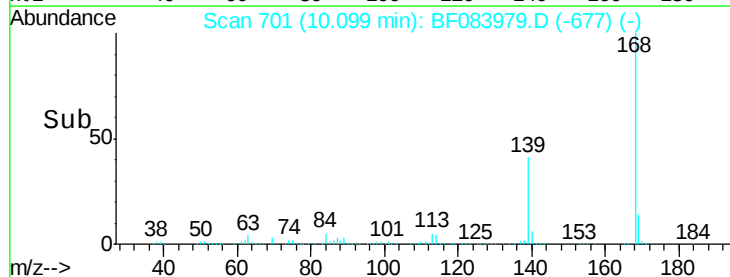
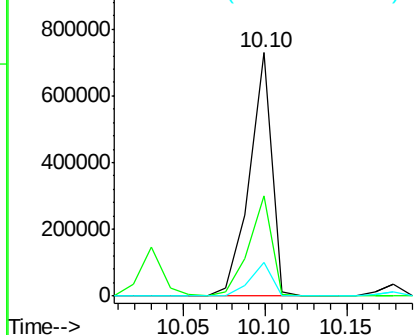


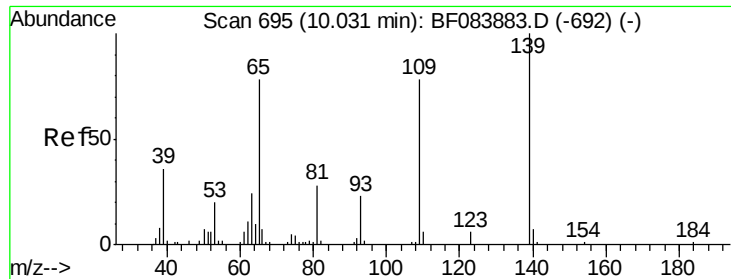
#54
Dibenzofuran
Concen: 47.29 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion:168 Resp: 692213
Ion Ratio Lower Upper
168 100
139 41.3 30.5 45.7
169 13.6 10.4 15.6



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

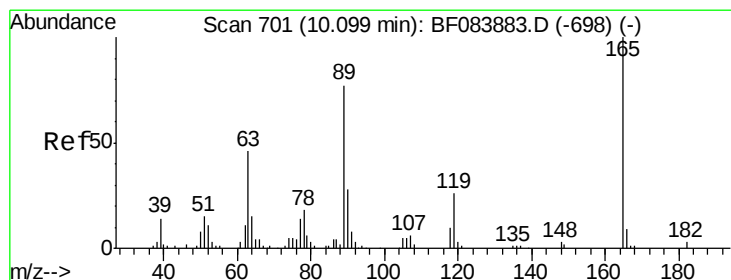
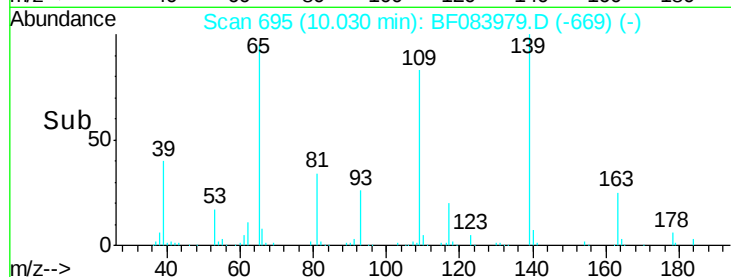
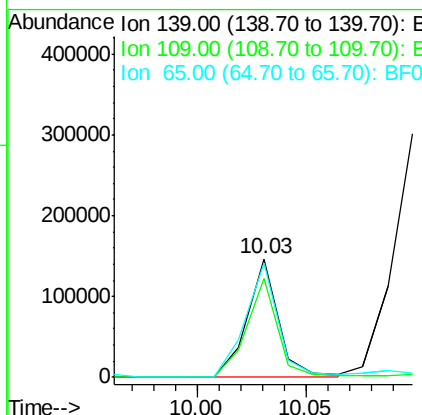
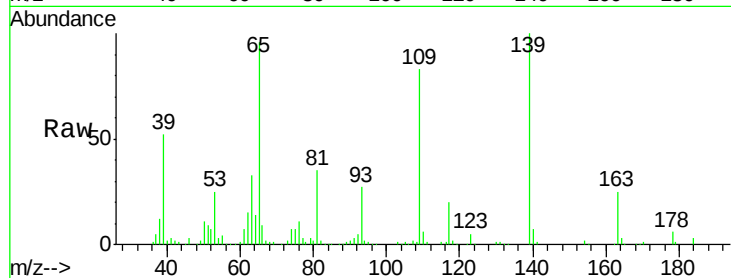




#55
4-Nitrophenol
Concen: 77.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

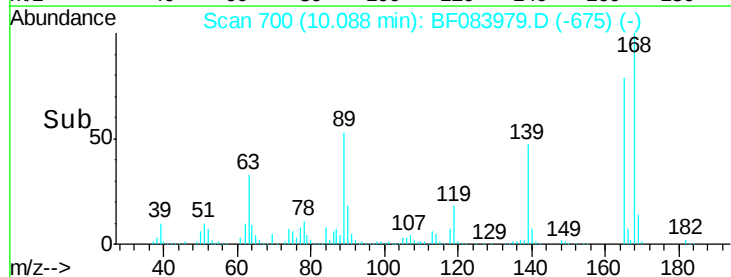
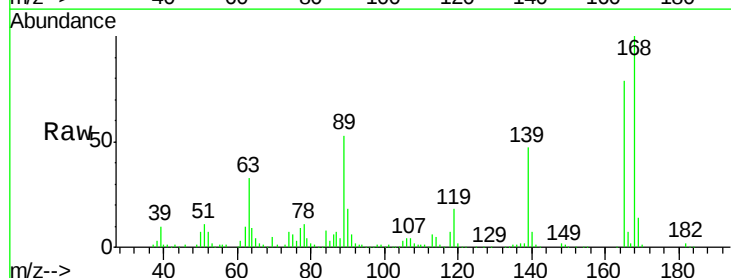
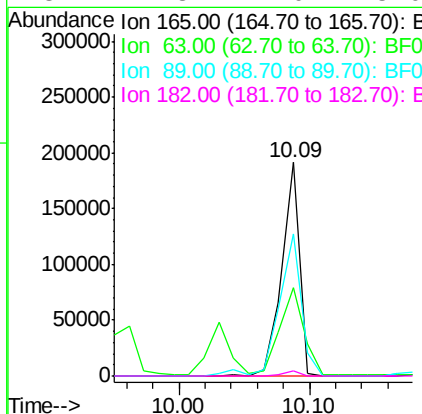
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

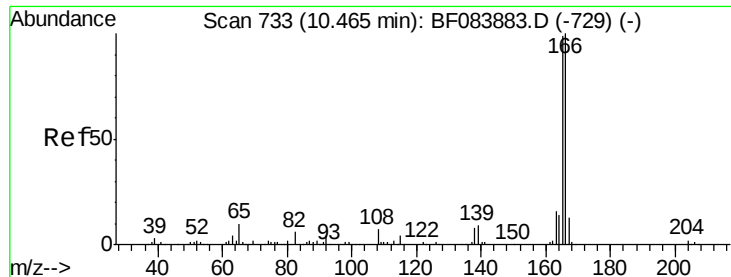
Tgt Ion:139 Resp: 146838
Ion Ratio Lower Upper
139 100
109 83.2 58.5 98.5
65 96.4 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 49.56 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion:165 Resp: 182835
Ion Ratio Lower Upper
165 100
63 41.5 36.7 55.1
89 66.7 61.9 92.9
182 2.3 2.0 3.0

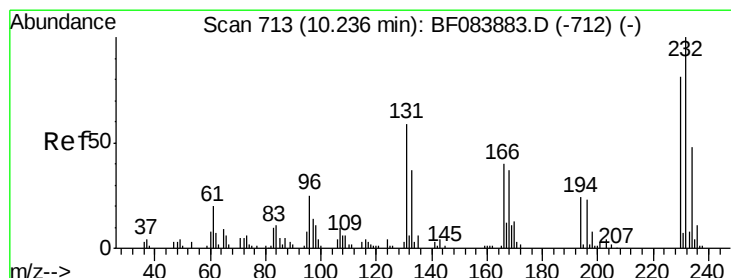
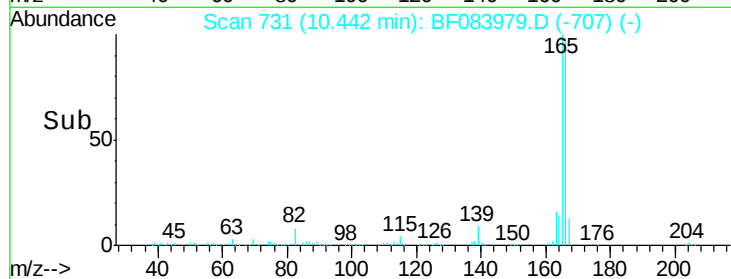
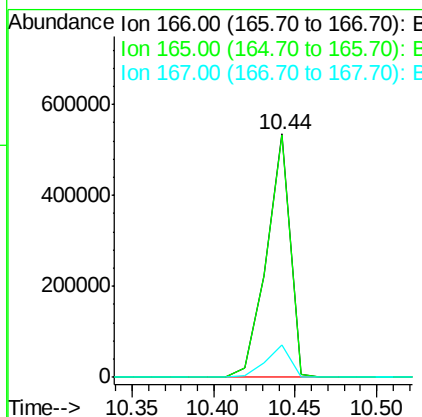
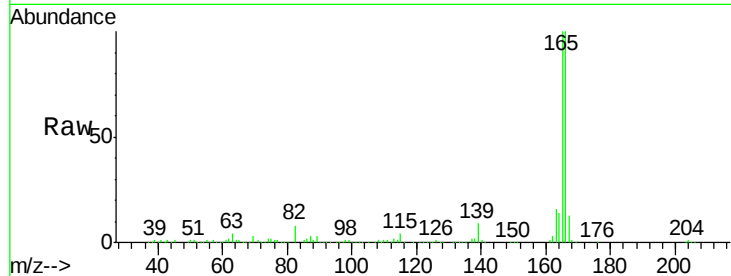




#57
 Fluorene
 Concen: 48.94 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

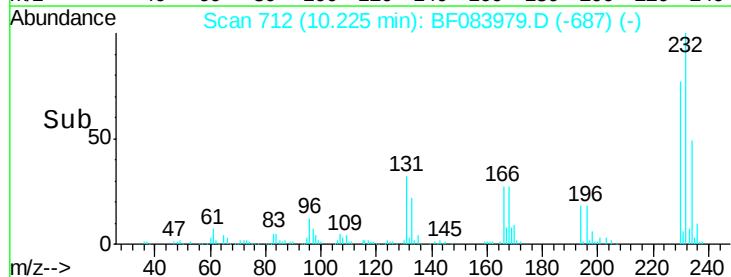
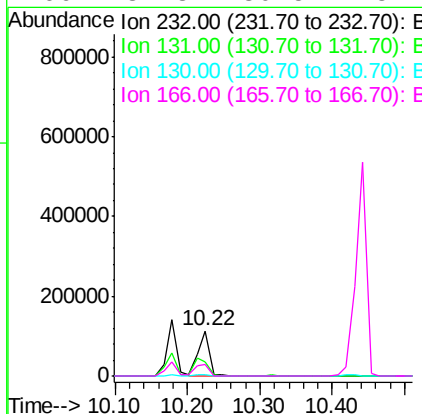
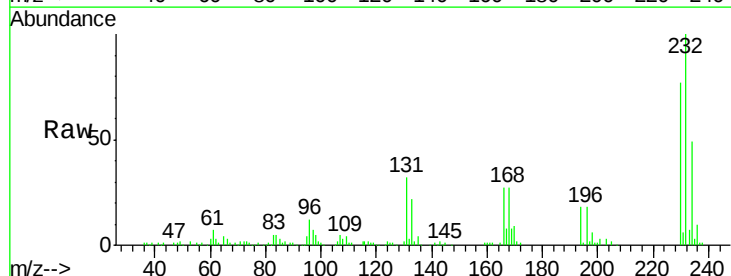
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

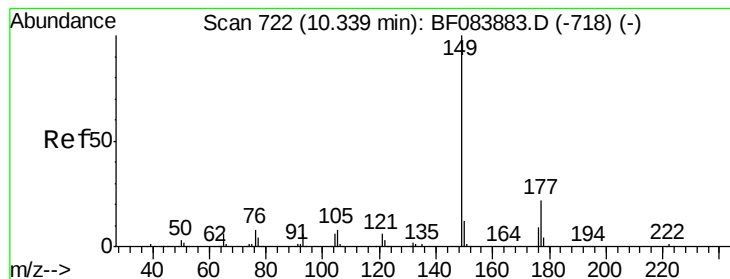
Tgt Ion:166 Resp: 541872
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.1 118.7
 167 13.4 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.51 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion:232 Resp: 123452
 Ion Ratio Lower Upper
 232 100
 131 49.3 47.0 70.6
 130 2.5 2.0 3.0
 166 32.3 30.5 45.7





#59

Diethylphthalate

Concen: 41.79 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

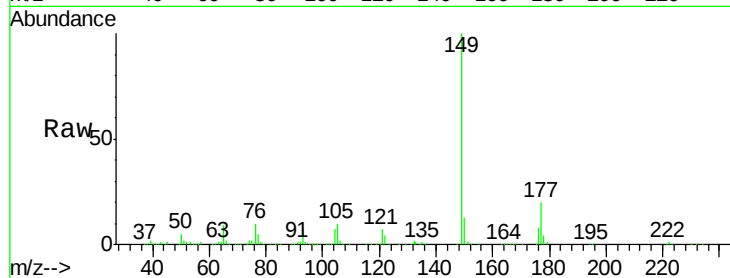
Tgt Ion:149 Resp: 570010

Ion Ratio Lower Upper

149 100

177 20.3 17.3 25.9

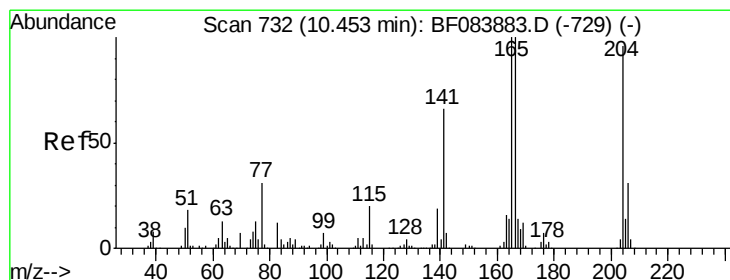
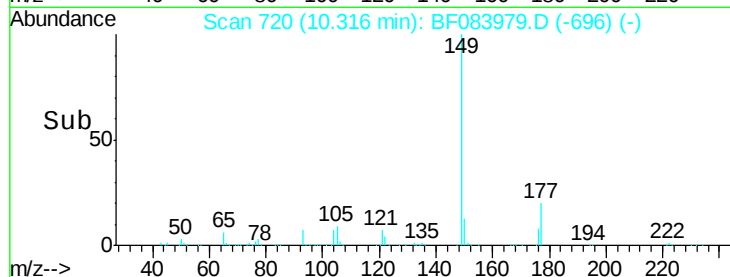
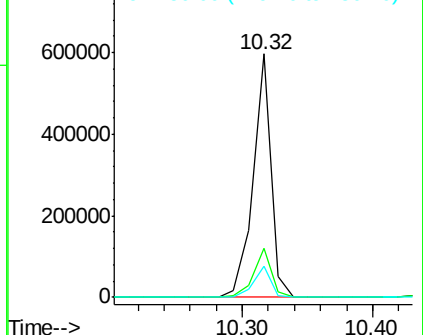
150 12.9 9.8 14.8



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: 43.34 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

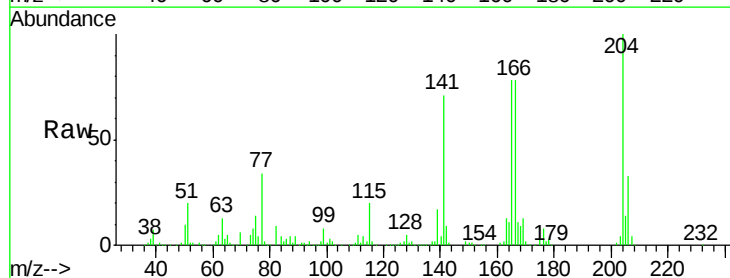
Tgt Ion:204 Resp: 243132

Ion Ratio Lower Upper

204 100

206 32.7 25.7 38.5

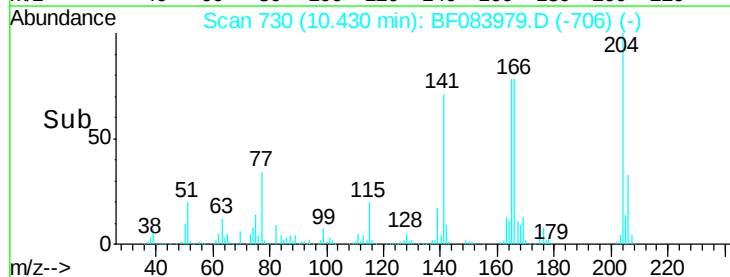
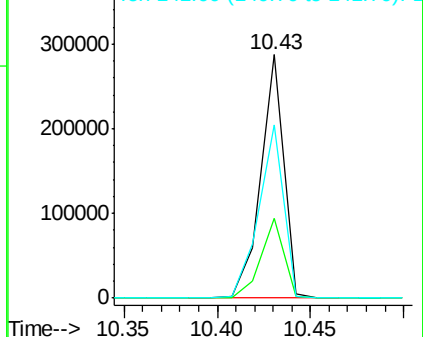
141 71.0 55.1 82.7

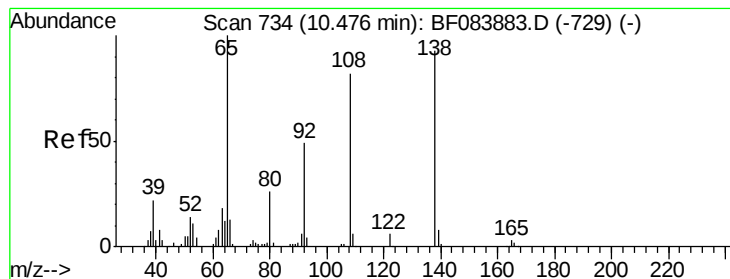


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.74 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

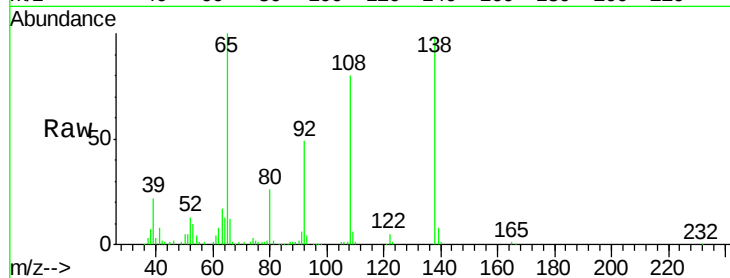
Tgt Ion:138 Resp: 118444

Ion Ratio Lower Upper

138 100

92 50.4 32.6 72.6

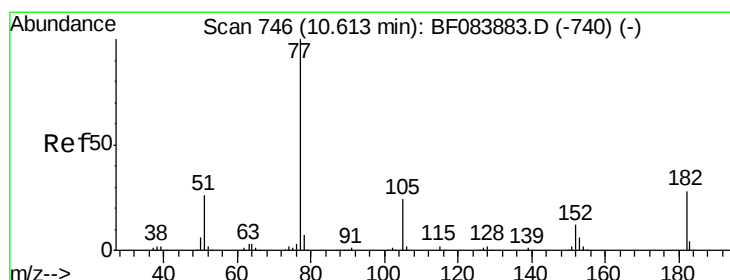
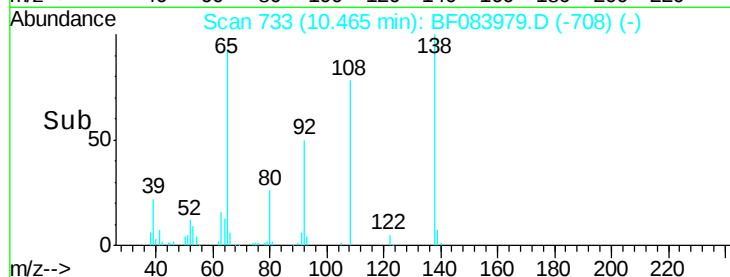
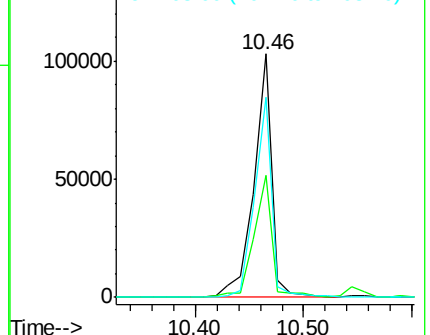
108 82.4 68.6 108.6



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: 48.50 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Tgt Ion: 77 Resp: 554528

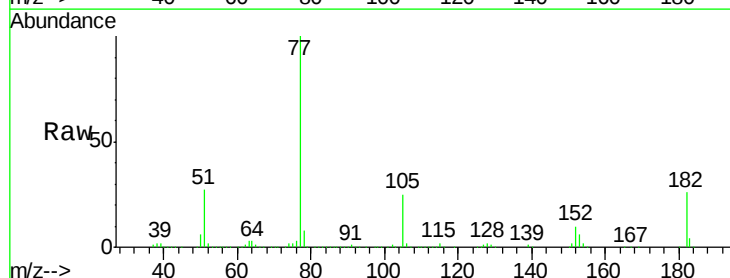
Ion Ratio Lower Upper

77 100

182 25.8 8.3 48.3

105 24.8 4.6 44.6

51 27.1 6.2 46.2

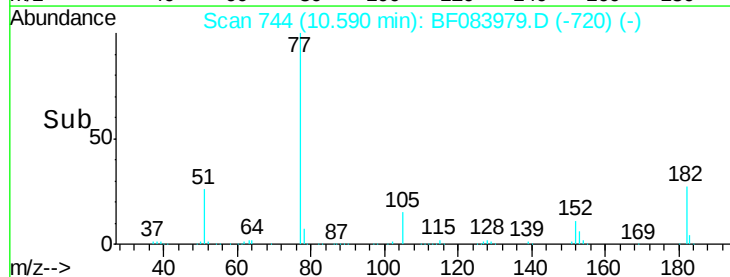
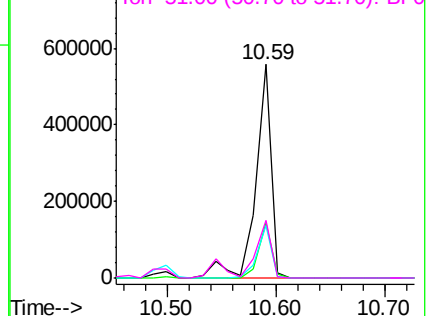


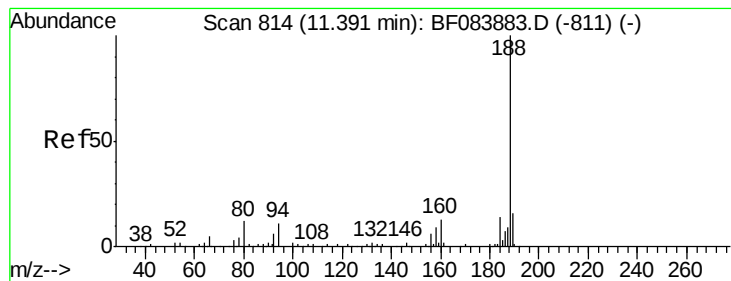
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

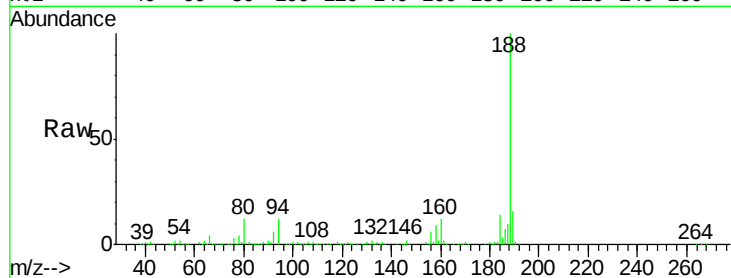
Tgt Ion:188 Resp: 259975

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.4

80 12.4 9.6 14.4

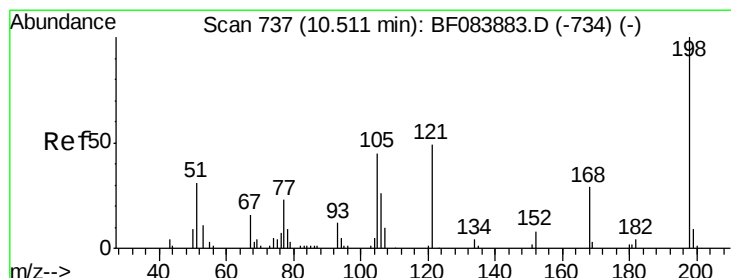
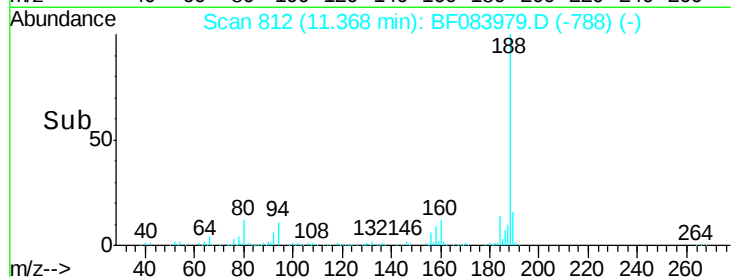


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.30 11.35 11.40



#64

4,6-Dinitro-2-methylphenol

Concen: 49.67 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

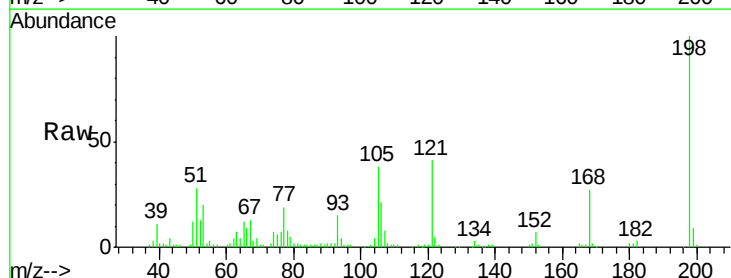
Tgt Ion:198 Resp: 79594

Ion Ratio Lower Upper

198 100

51 27.6 18.9 58.9

105 38.5 26.4 66.4

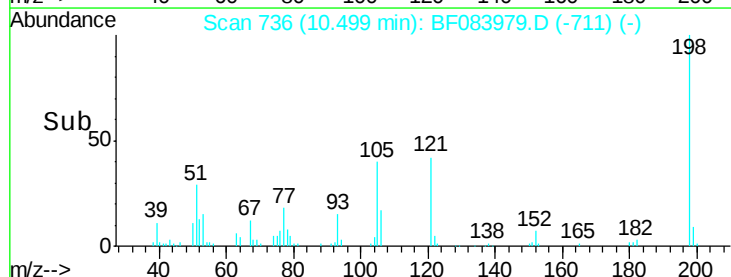


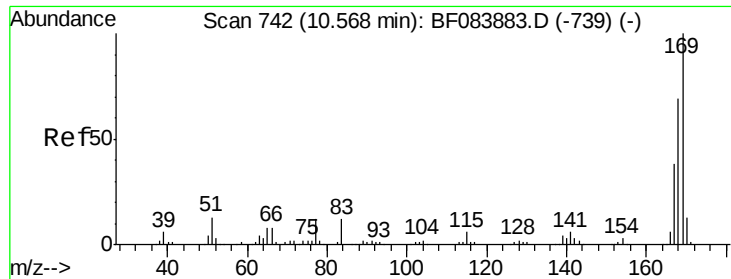
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time--> 10.40 10.50 10.60

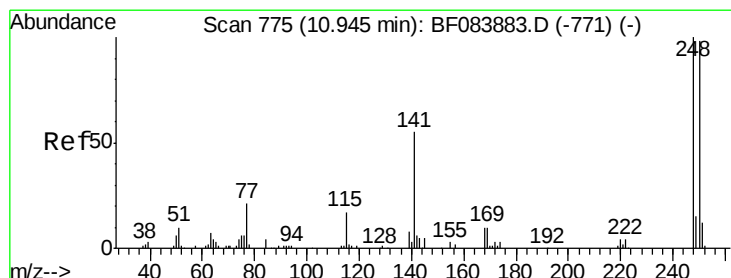
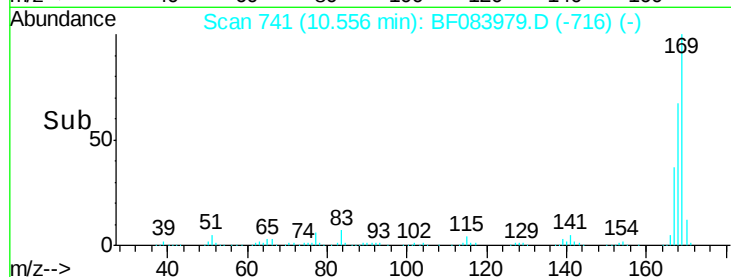
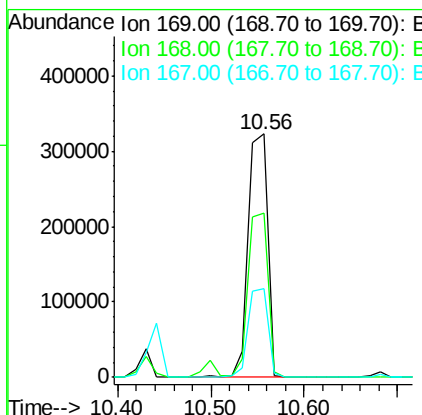
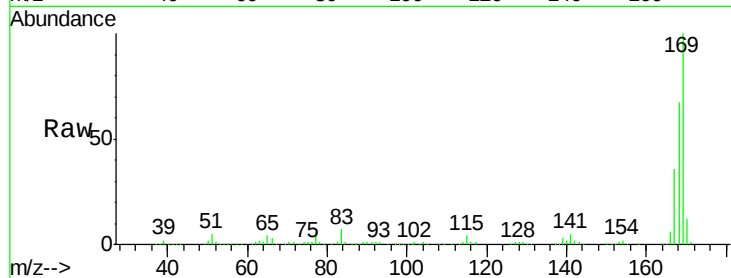




#65
 n-Nitrosodiphenylamine
 Concen: 49.09 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

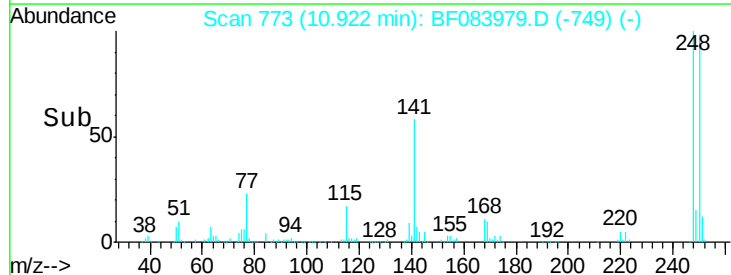
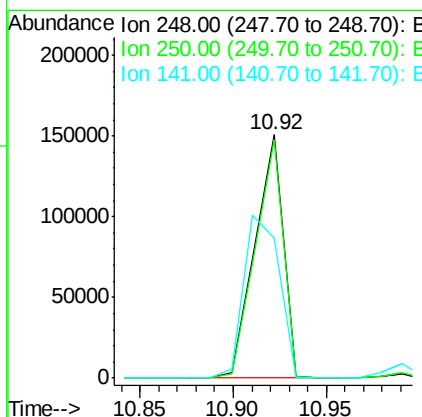
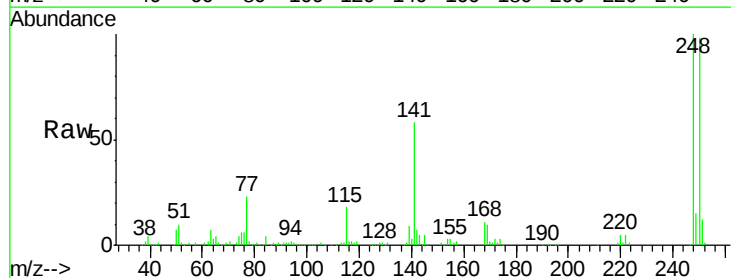
Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

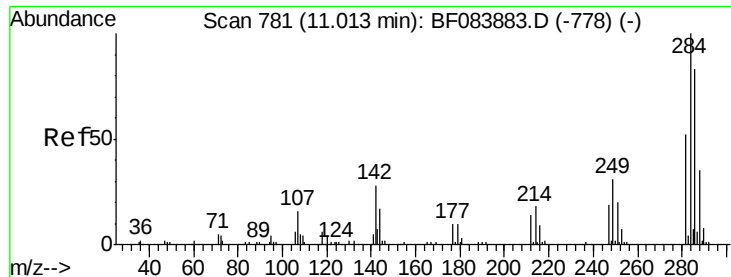
Tgt Ion:169 Resp: 464370
 Ion Ratio Lower Upper
 169 100
 168 67.2 55.1 82.7
 167 36.5 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 49.56 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion:248 Resp: 157523
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.4 117.6
 141 57.7 44.0 66.0

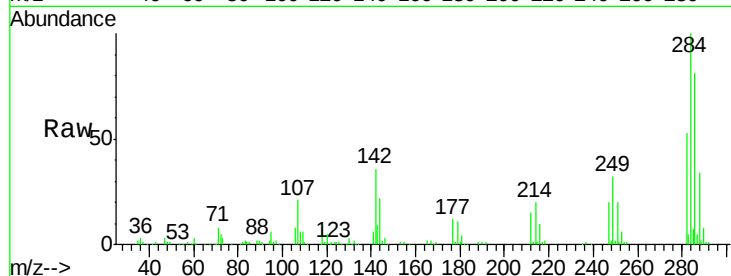




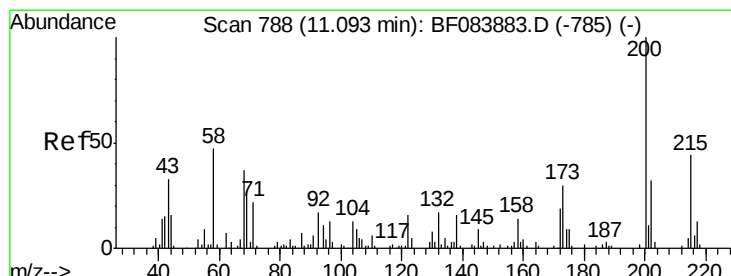
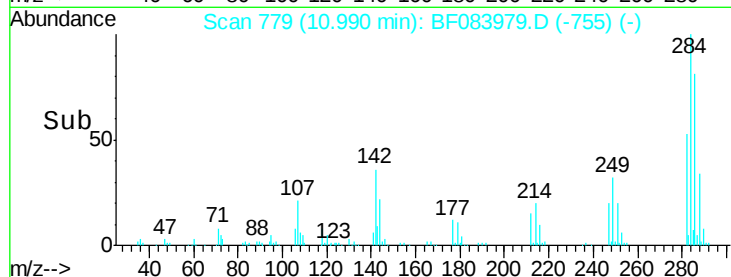
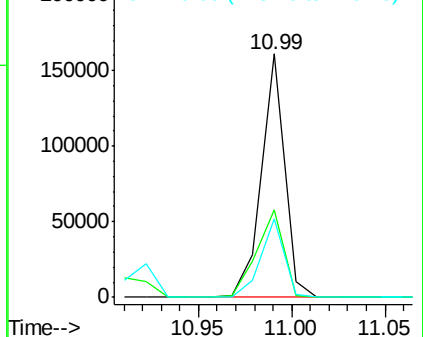
#67
Hexachlorobenzene
Concen: 41.17 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tgt Ion: 284 Resp: 137796
Ion Ratio Lower Upper
284 100
142 35.7 22.2 33.4#
249 32.3 24.6 37.0

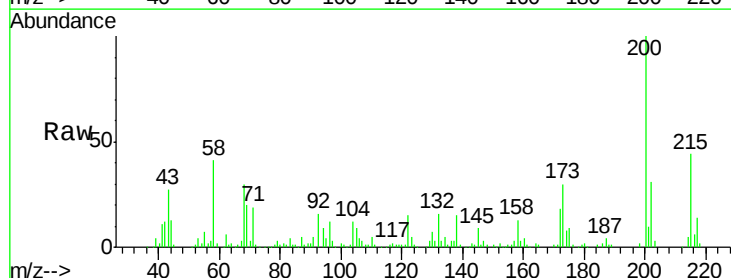


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

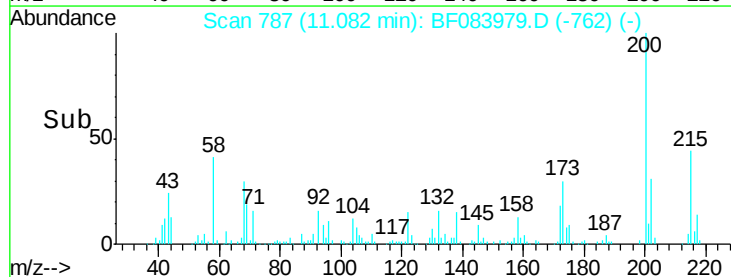
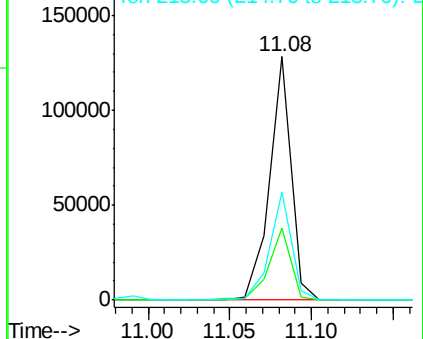


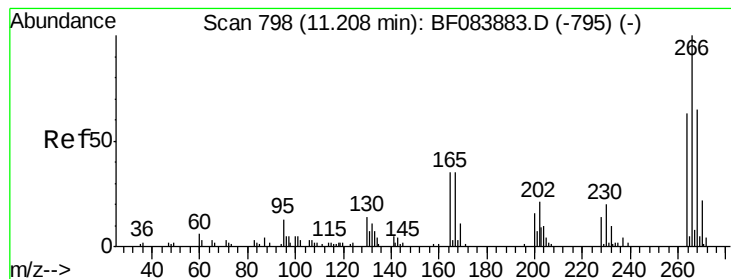
#68
Atrazine
Concen: 39.61 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion: 200 Resp: 118715
Ion Ratio Lower Upper
200 100
173 29.7 9.5 49.5
215 44.1 23.8 63.8



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: 103.28 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

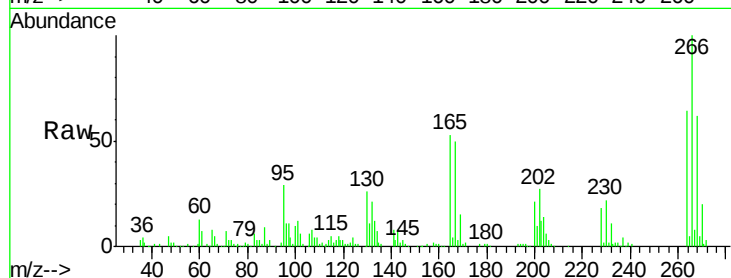
Tgt Ion:266 Resp: 148737

Ion Ratio Lower Upper

266 100

268 61.7 52.4 78.6

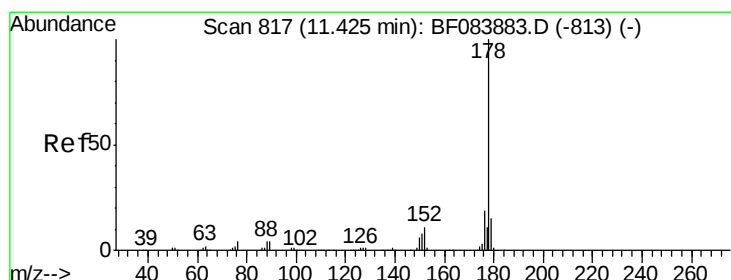
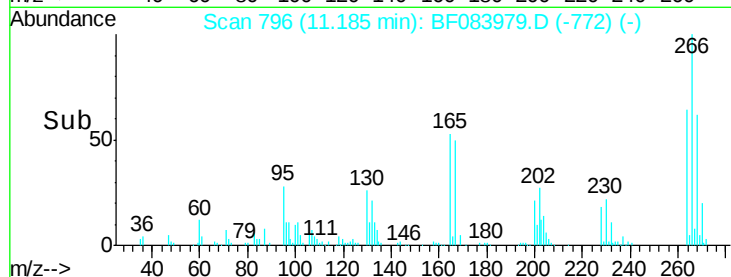
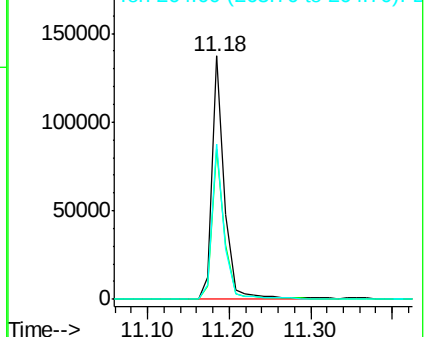
264 63.8 50.2 75.2



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: 48.20 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

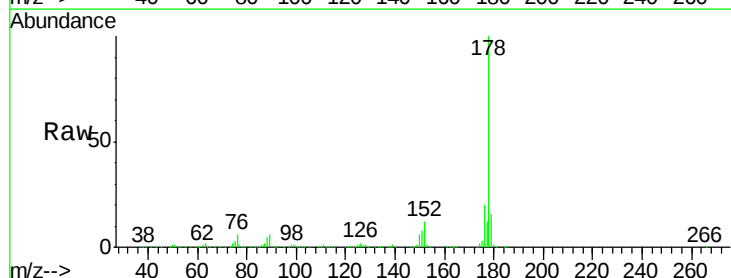
Tgt Ion:178 Resp: 757148

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

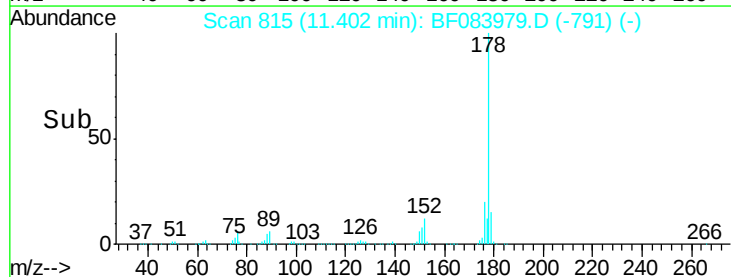
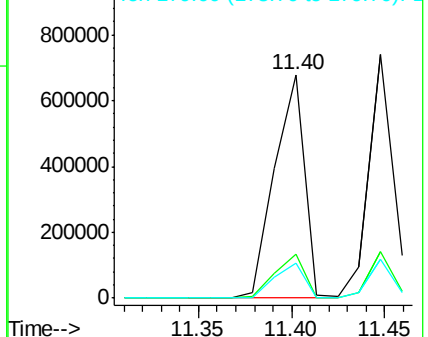
179 15.5 12.0 18.0

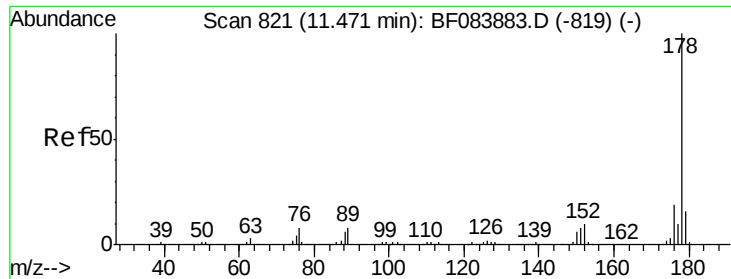


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

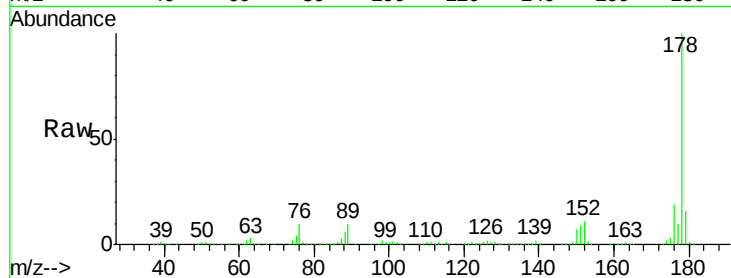




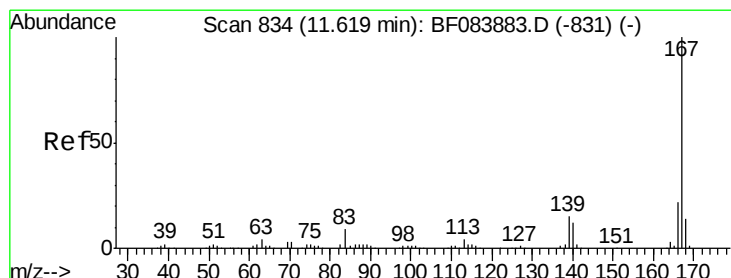
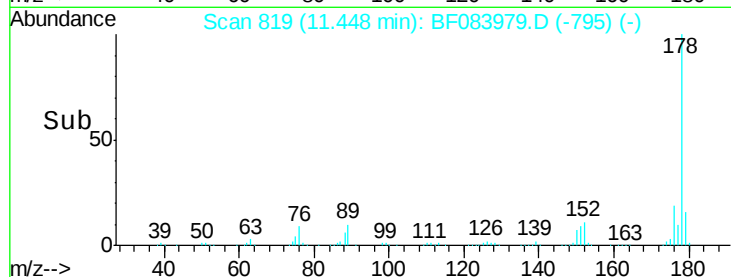
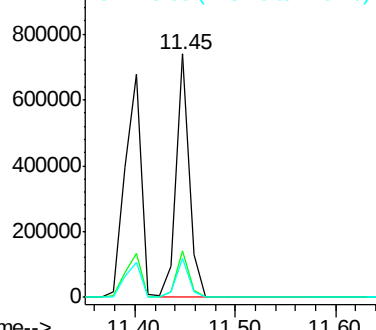
#71
 Anthracene
 Concen: 43.72 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tgt Ion:178 Resp: 663803
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 16.0 12.5 18.7

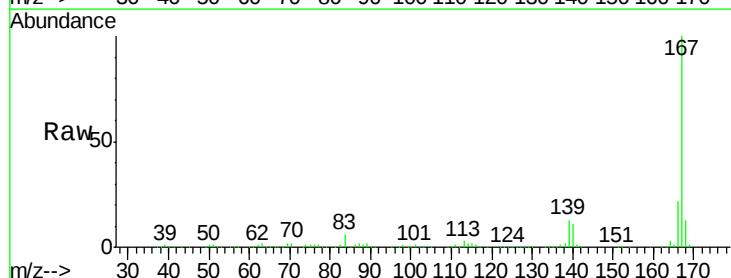


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

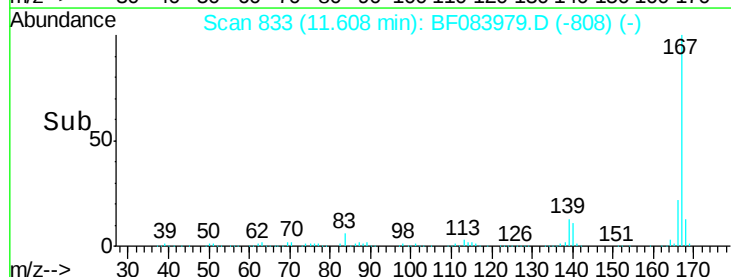
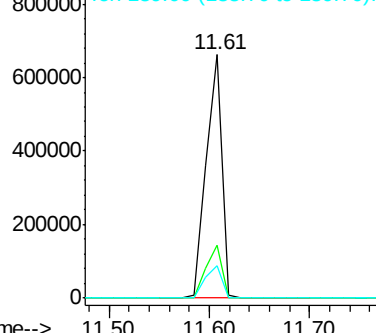


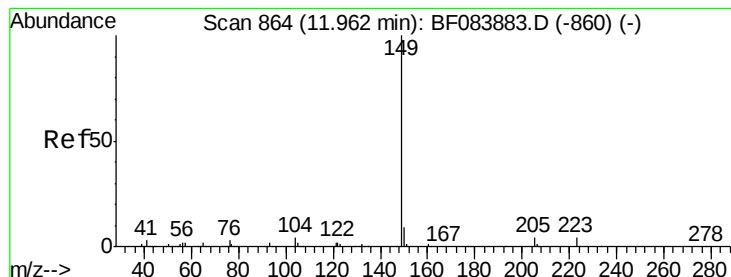
#72
 Carbazole
 Concen: 47.96 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion:167 Resp: 719494
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.3 11.8 17.8



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: 50.59 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

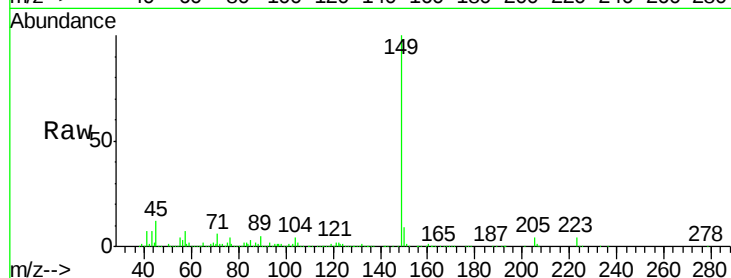
Tgt Ion:149 Resp: 891721

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

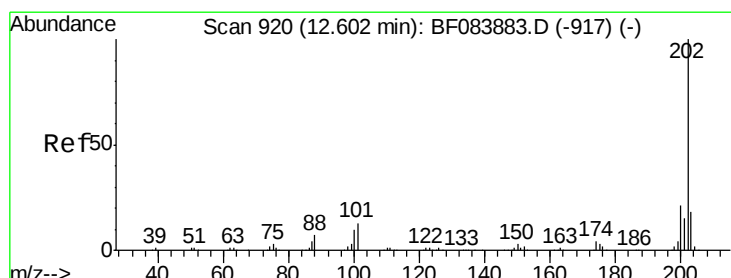
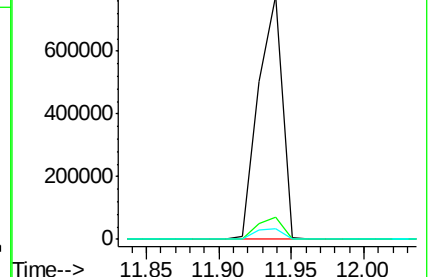
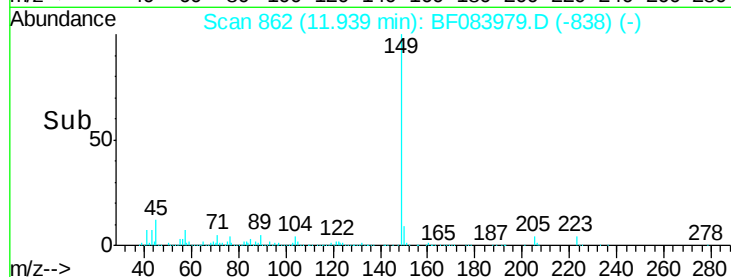
104 4.2 3.2 4.8



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: 43.46 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

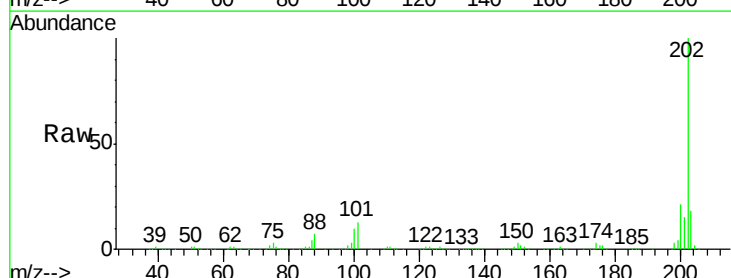
Tgt Ion:202 Resp: 681214

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.8

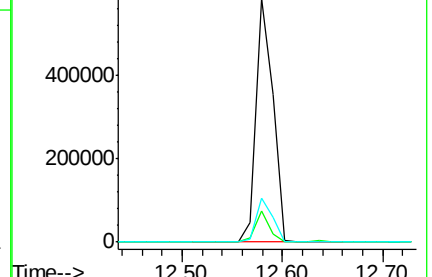
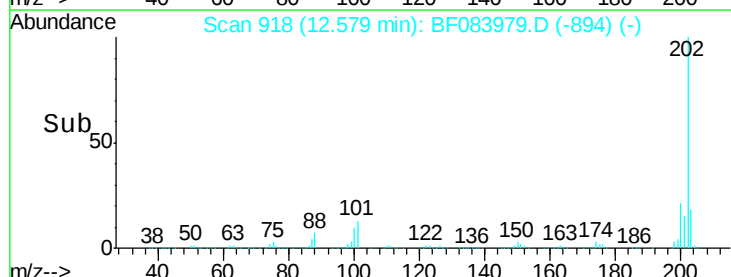
203 18.0 0.0 37.9

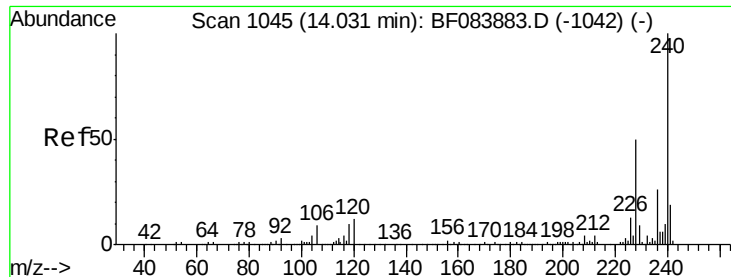


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

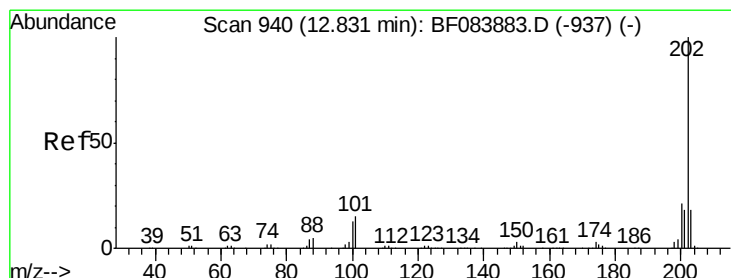
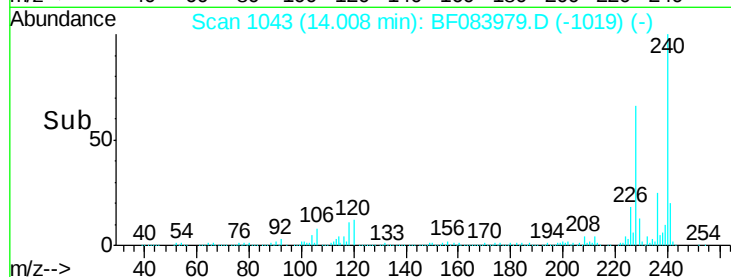
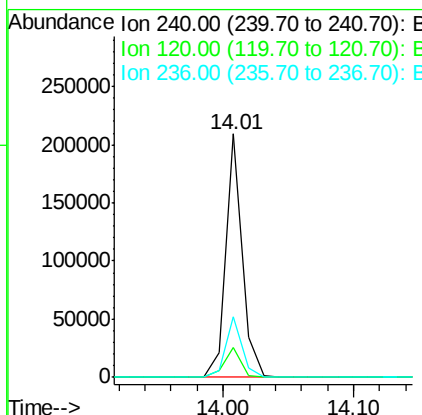
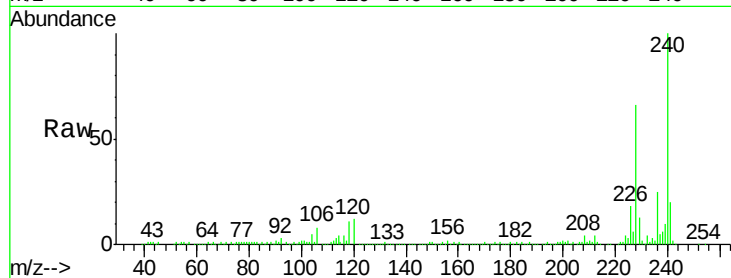




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

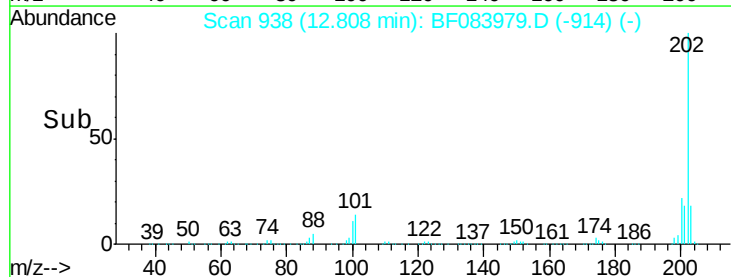
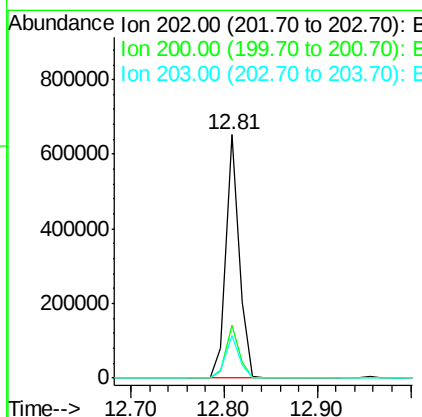
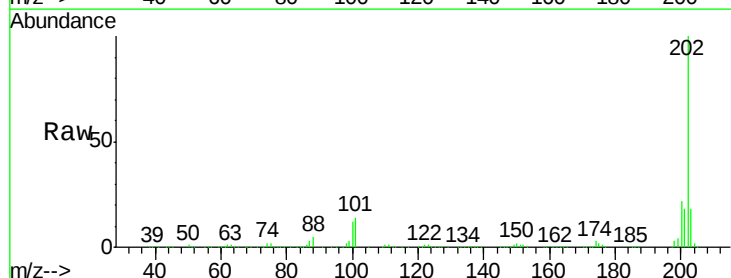
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

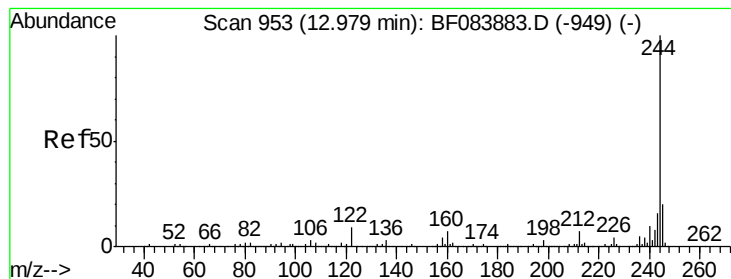
Tgt Ion: 240 Resp: 183511
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.1 20.6 31.0



#77
Pyrene
Concen: 53.77 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion: 202 Resp: 647632
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.7 14.3 21.5





#78

Terphenyl-d14

Concen: 114.24 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

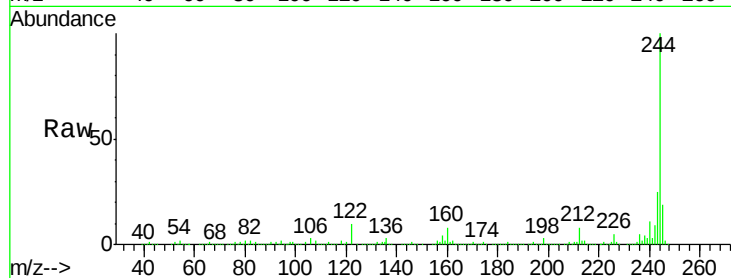
Tgt Ion:244 Resp: 879743

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

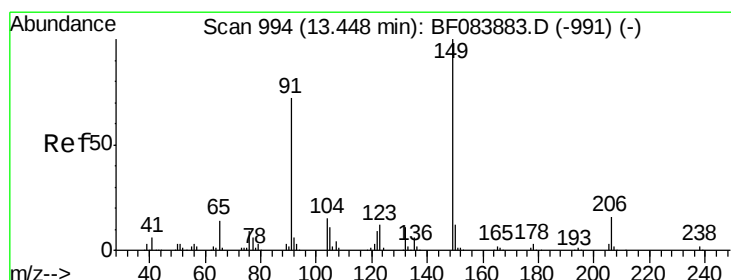
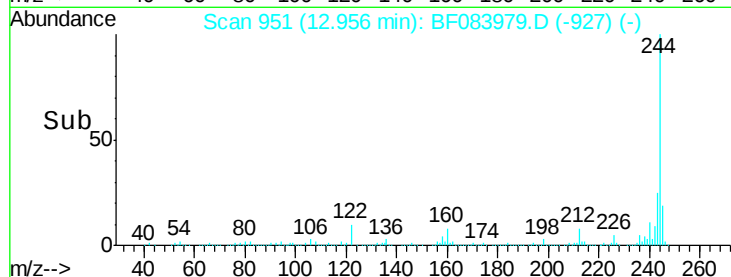
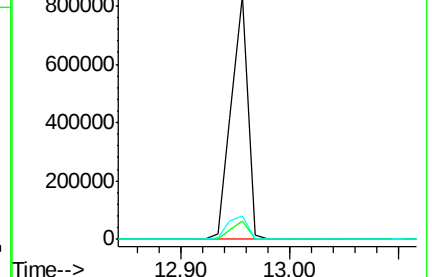
122 9.5 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 52.29 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

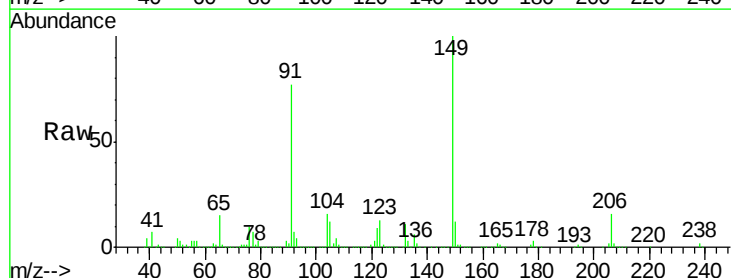
Tgt Ion:149 Resp: 319441

Ion Ratio Lower Upper

149 100

91 77.2 57.6 86.4

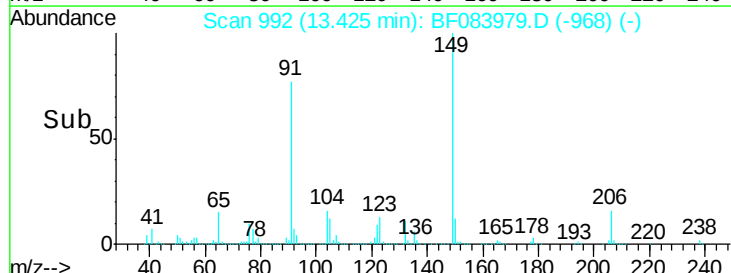
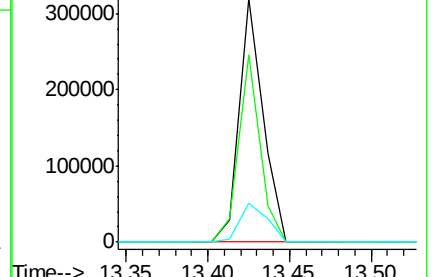
206 15.9 13.2 19.8

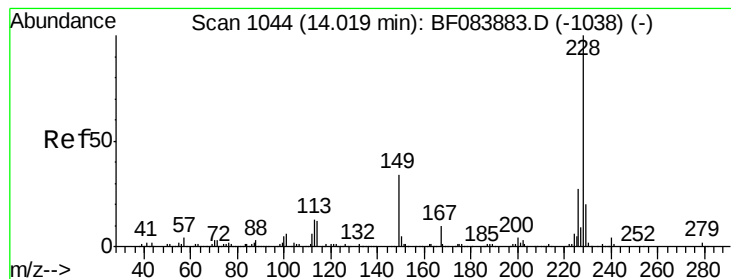


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.63 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

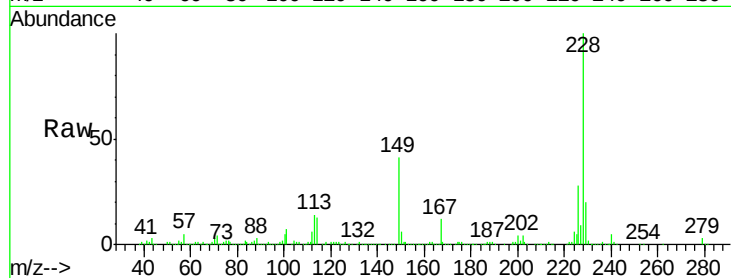
Tgt Ion:228 Resp: 480964

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

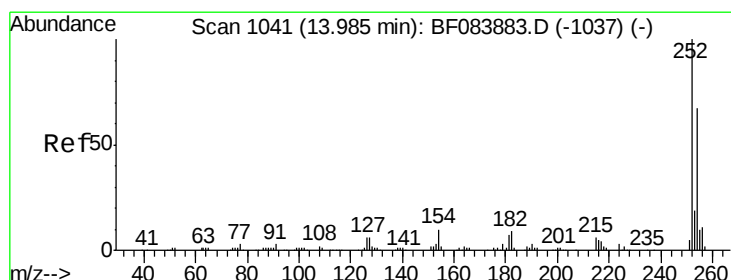
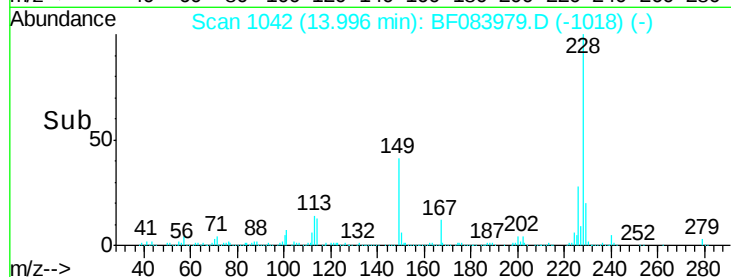
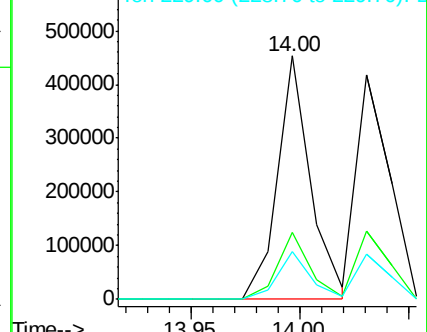
229 19.8 15.8 23.8



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: 15.65 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

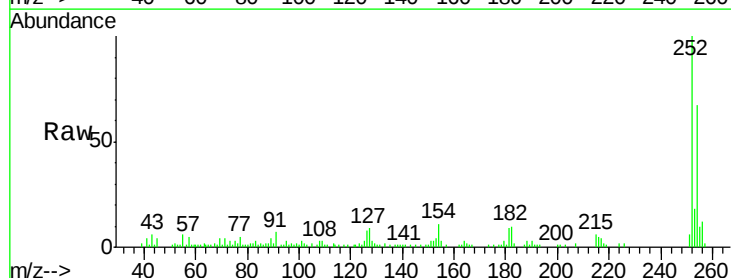
Tgt Ion:252 Resp: 66007

Ion Ratio Lower Upper

252 100

254 67.3 53.5 80.3

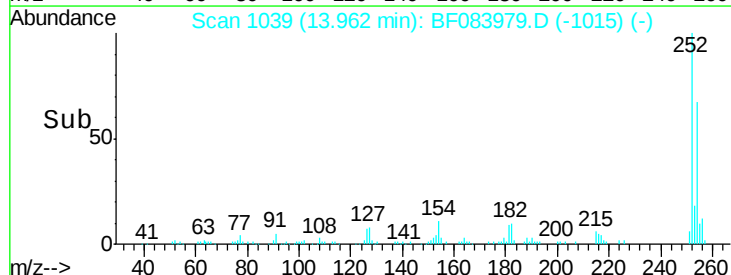
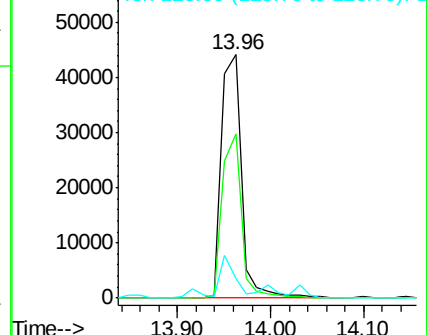
126 8.2 4.9 7.3#

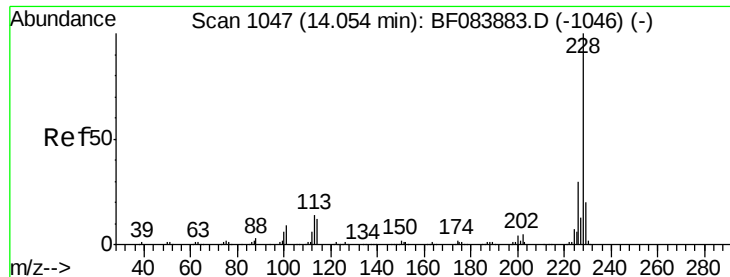


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.90 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

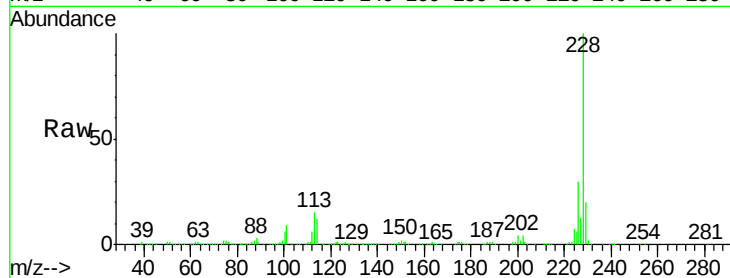
Tgt Ion:228 Resp: 445835

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

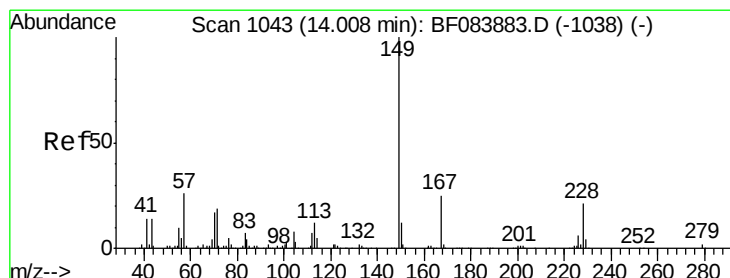
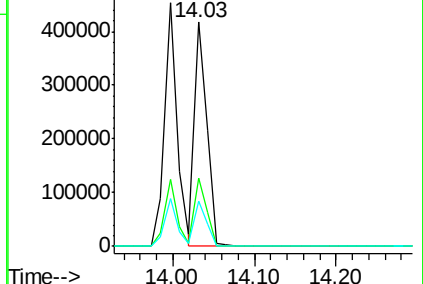
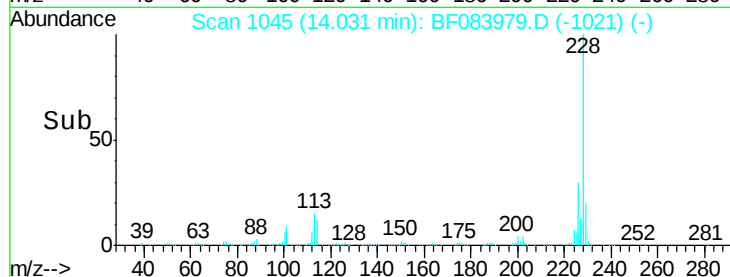
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.68 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

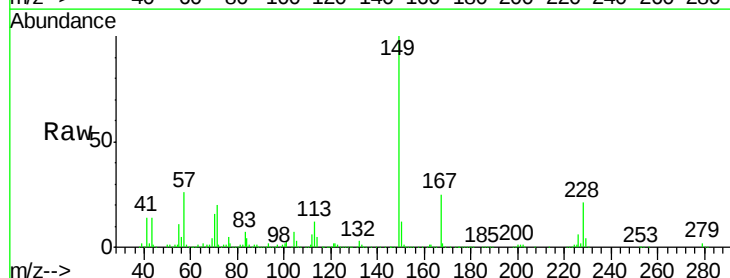
Tgt Ion:149 Resp: 429702

Ion Ratio Lower Upper

149 100

167 24.9 19.7 29.5

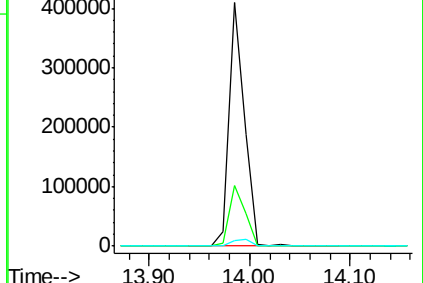
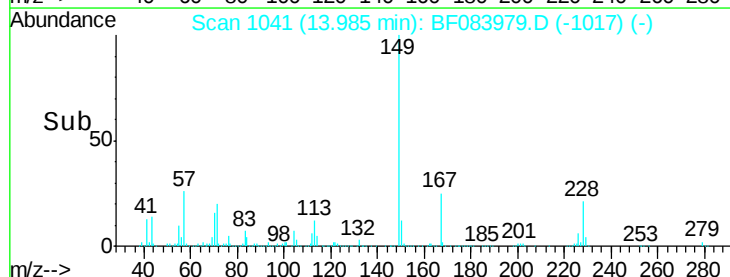
279 2.4 1.8 2.6

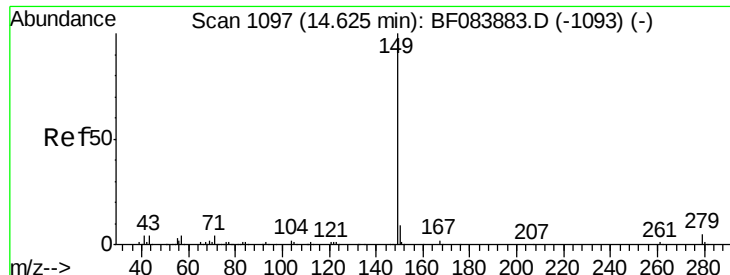


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 54.95 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

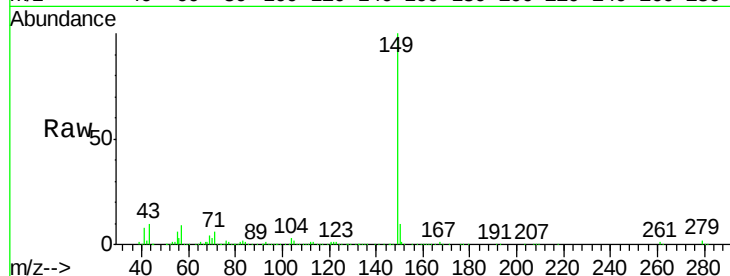
Tgt Ion:149 Resp: 701391

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

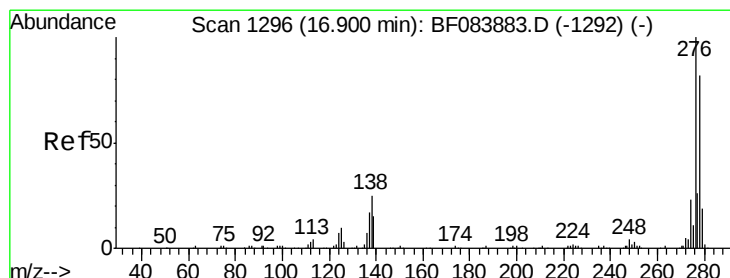
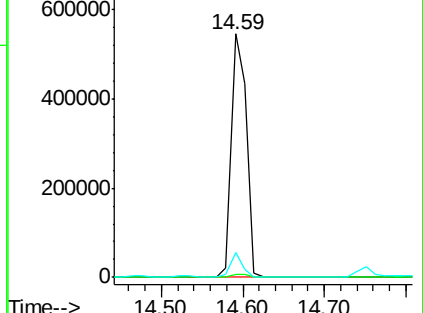
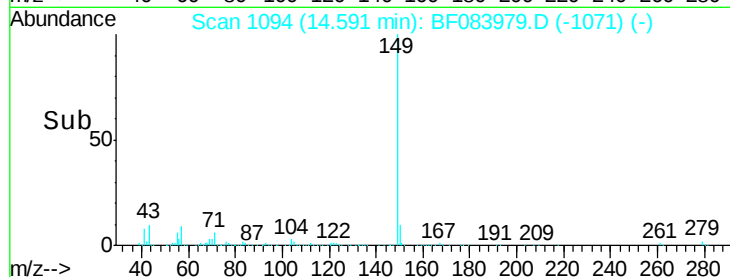
43 7.6 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 66.01 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

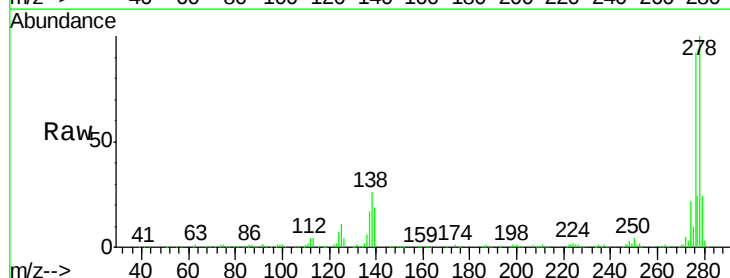
Tgt Ion:276 Resp: 537960

Ion Ratio Lower Upper

276 100

138 26.7 20.6 30.8

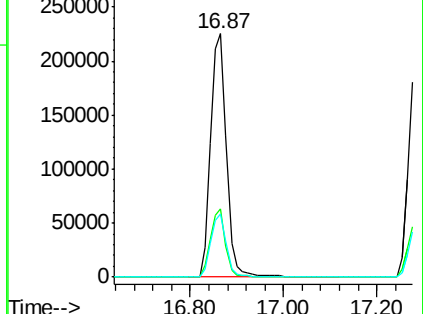
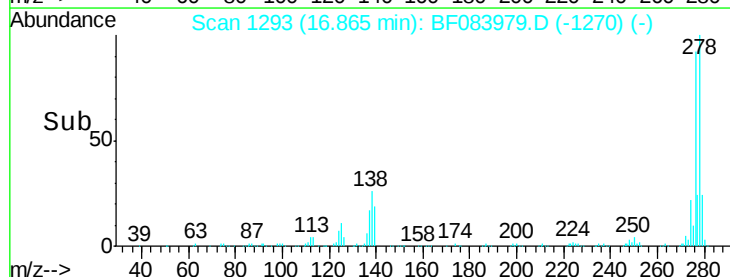
277 25.2 20.1 30.1

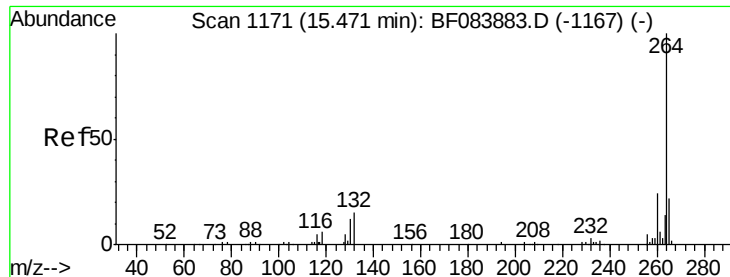


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

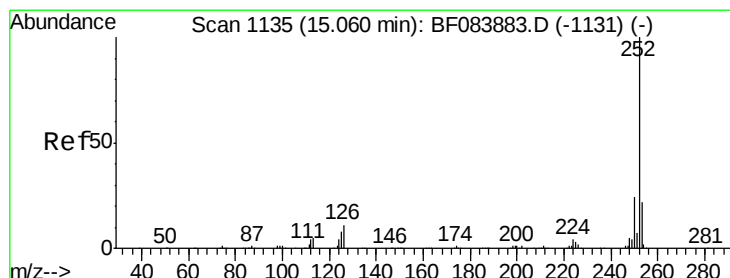
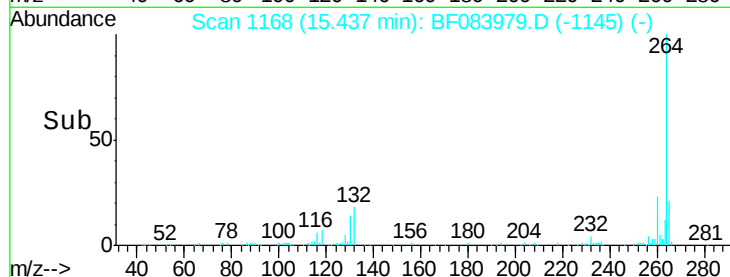
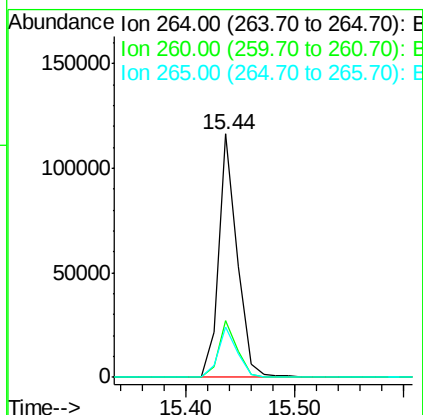
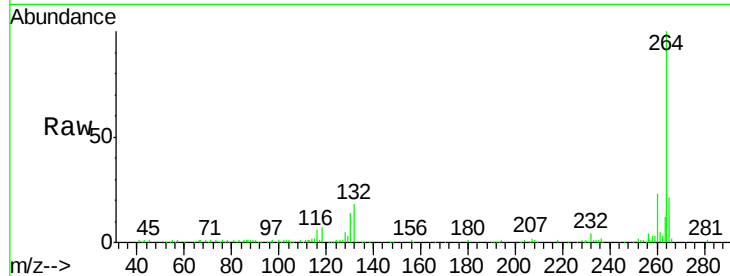




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

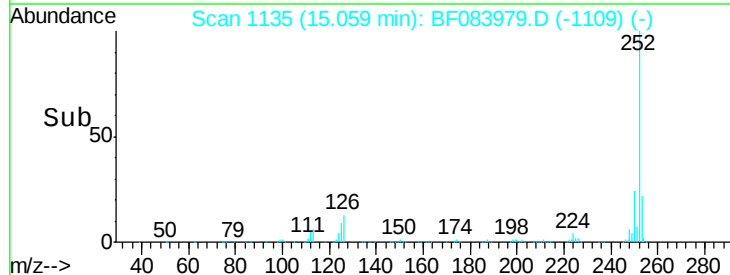
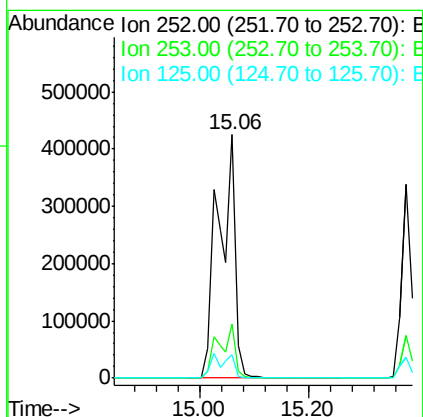
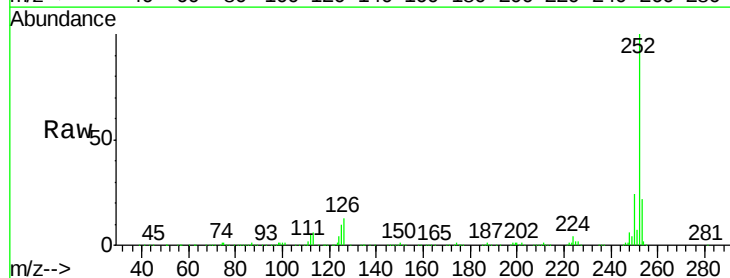
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

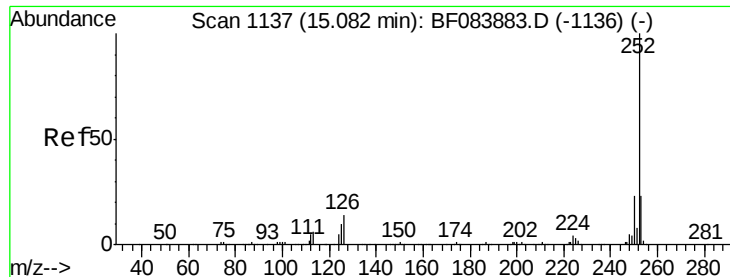
Tgt Ion: 264 Resp: 138310
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 20.7 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 91.66 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion: 252 Resp: 924263
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.5 6.5 9.7

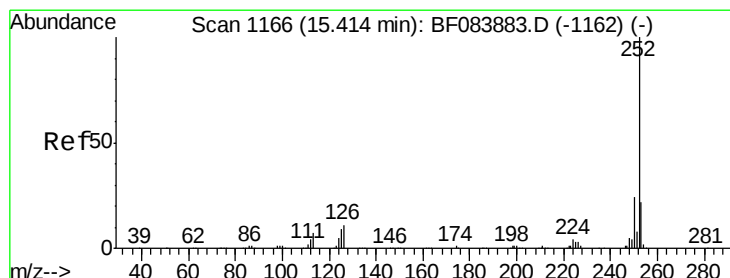
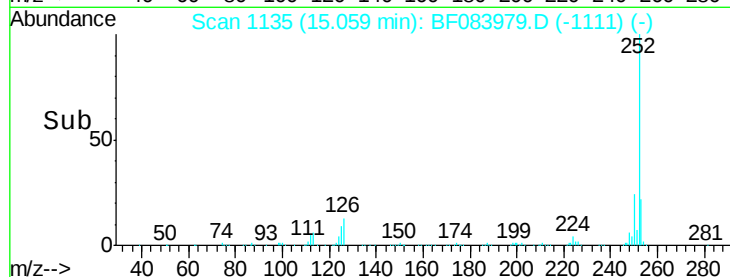
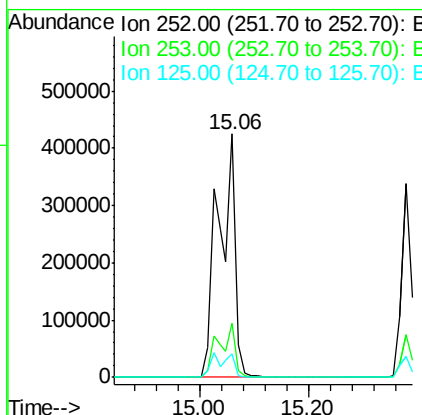
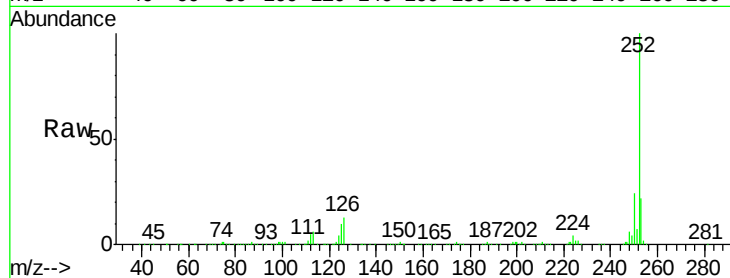




#88
Benzo(k)fluoranthene
Concen: 111.11 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

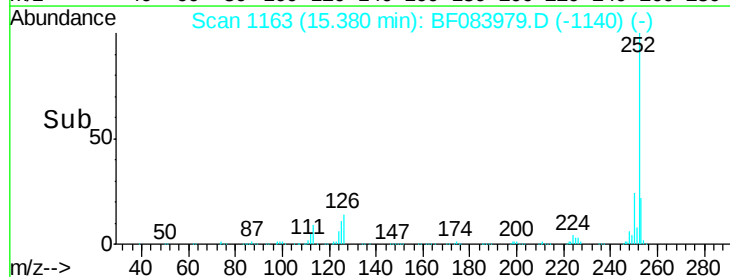
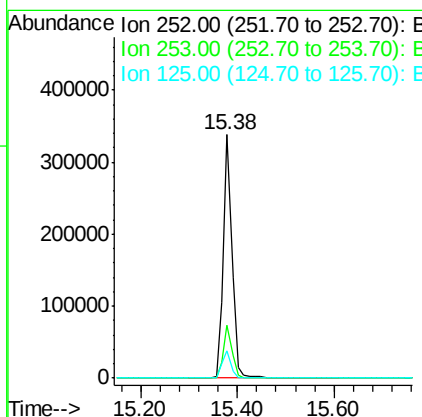
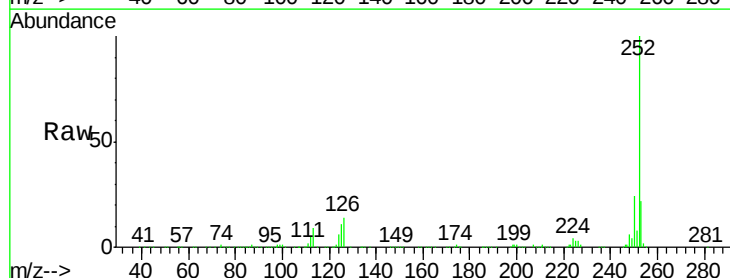
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

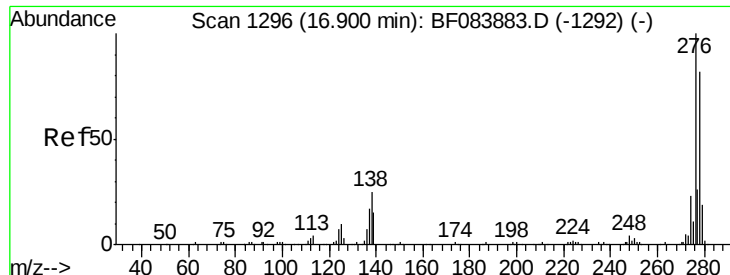
Tgt Ion: 252 Resp: 924263
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.5 9.0 13.6



#89
Benzo(a)pyrene
Concen: 50.88 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion: 252 Resp: 423705
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.1 7.0 10.4#





#90

Dibenzo(a,h)anthracene

Concen: 68.88 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

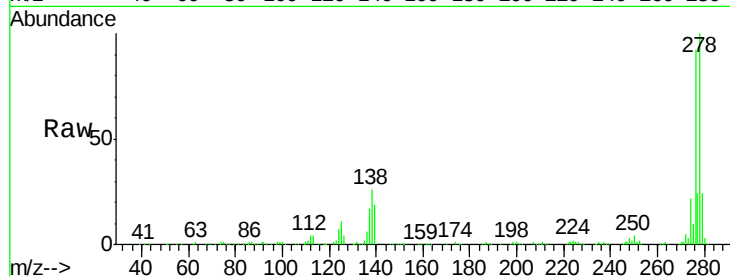
Tgt Ion:278 Resp: 446189

Ion Ratio Lower Upper

278 100

139 18.7 15.0 22.4

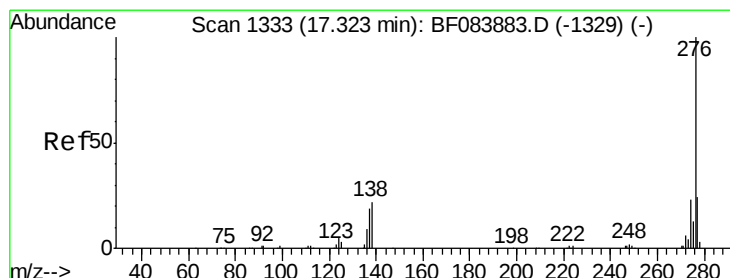
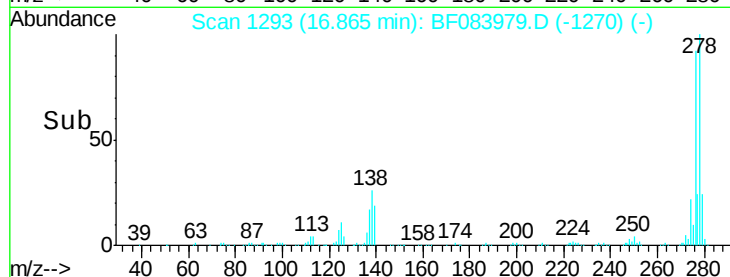
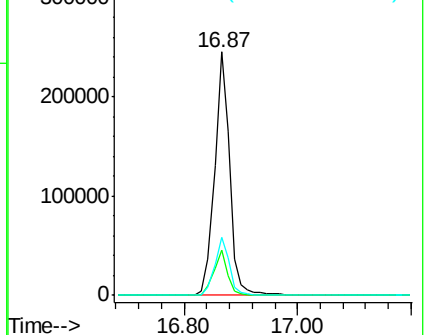
279 24.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 71.18 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

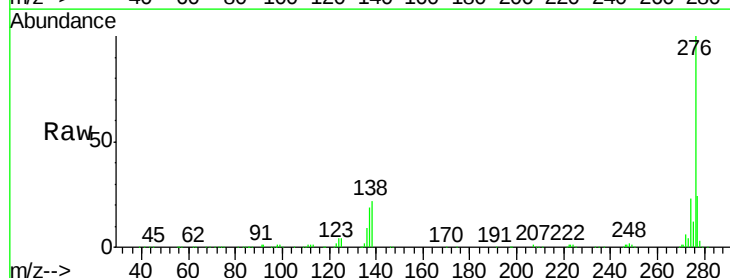
Tgt Ion:276 Resp: 451875

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.6 17.8 26.6



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

