

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

Manual Integrations
 APPROVED

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 12/22/2015 12:17:37 PM

Quant Time: Dec 20 07:22:59 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

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	142624	43.57	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	161058	49.72	nq	# 93
45) 1,1'-Biphenyl	9.31	154	560855	42.41	nq	99
46) 2-Chloronaphthalene	9.33	162	418533	40.33	nq	99
47) 2-Nitroaniline	9.44	65	140907	45.32	nq	# 80
48) Acenaphthylene	9.76	152	804846	43.91	nq	99
49) Dimethylphthalate	9.62	163	484830	36.75	nq	# 90
50) 2,6-Dinitrotoluene	9.68	165	113936	39.59	nq	# 63
51) Acenaphthene	9.93	154	469056	41.62	nq	98
52) 3-Nitroaniline	9.85	138	71446	23.55	nq	79
53) 2,4-Dinitrophenol	9.96	184	101143	95.58	nq	94
54) Dibenzofuran	10.10	168	692213	47.29	nq	96
55) 4-Nitrophenol	10.03	139	146838	77.54	nq	87
56) 2,4-Dinitrotoluene	10.09	165	182835	49.56	nq	90
57) Fluorene	10.44	166	541872	48.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	123452	51.51	nq	89
59) Diethylphthalate	10.32	149	570010	41.79	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	243132	43.34	nq	98
61) 4-Nitroaniline	10.46	138	118444	37.74	nq	95
62) Azobenzene	10.59	77	554528	48.50	nq	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	79594	49.67	nq	85
65) n-Nitrosodiphenylamine	10.56	169	464370	49.09	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	157523	49.56	nq	99
67) Hexachlorobenzene	10.99	284	137796	41.17	nq	# 91
68) Atrazine	11.08	200	118715	39.61	nq	100
69) Pentachlorophenol	11.18	266	148737	103.28	nq	97
70) Phenanthrene	11.40	178	757148	48.20	nq	99
71) Anthracene	11.45	178	663803	43.72	nq	99
72) Carbazole	11.61	167	719494	47.96	nq	98
73) Di-n-butylphthalate	11.94	149	891721	50.59	nq	99
74) Fluoranthene	12.58	202	681214	43.46	nq	100
77) Pyrene	12.81	202	647632	53.77	nq	100
79) Butylbenzylphthalate	13.43	149	319441	52.29	nq	95
80) Benzo(a)anthracene	14.00	228	480964	42.63	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	66007	15.65	nq	# 99
82) Chrysene	14.03	228	445835	40.90	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	429702	52.68	nq	99
84) Di-n-octyl phthalate	14.59	149	701391	54.95	nq	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	537960	66.01	nq	99
87) Benzo(b)fluoranthene	15.03	252	575942m	57.12	nq	
88) Benzo(k)fluoranthene	15.06	252	345363m	41.52	nq	
89) Benzo(a)pyrene	15.38	252	423705	50.88	nq	# 98
90) Dibenzo(a,h)anthracene	16.87	278	446189	68.88	nq	99
91) Benzo(g,h,i)perylene	17.29	276	451875	71.18	nq	99

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

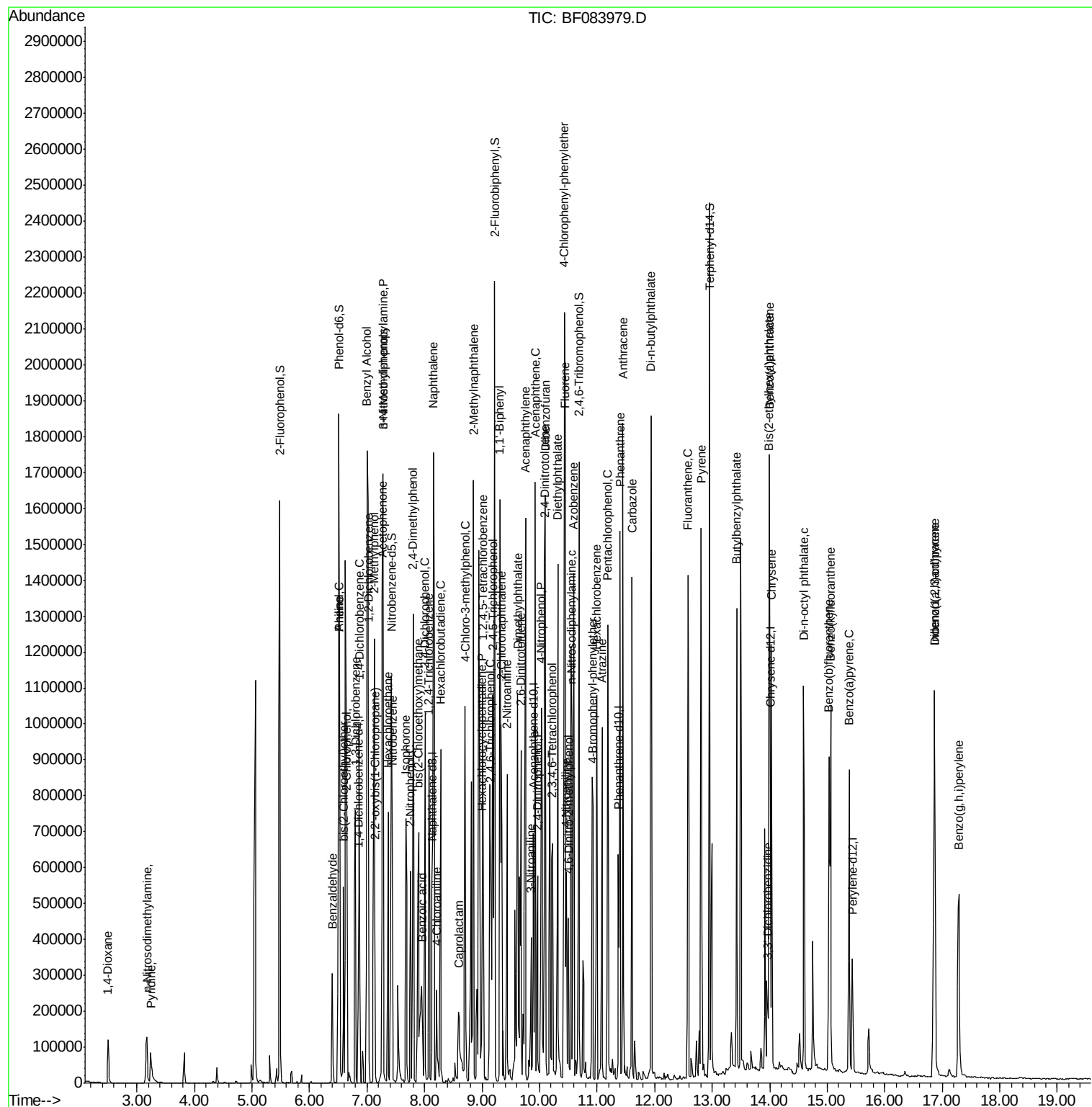
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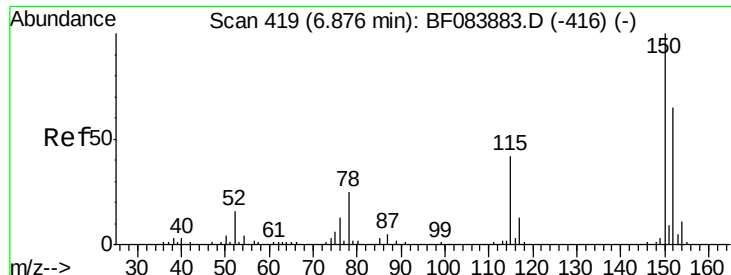
Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

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#1

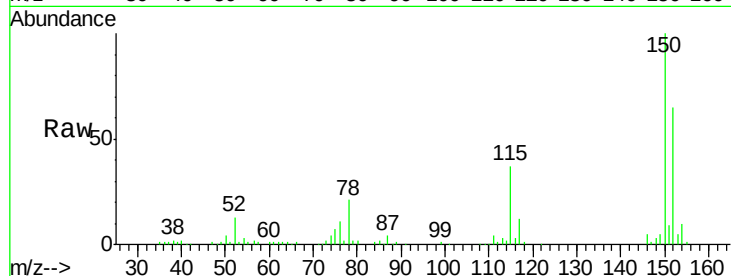
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.0	184.4
115	56.5	51.4	77.2

Manual Integrations
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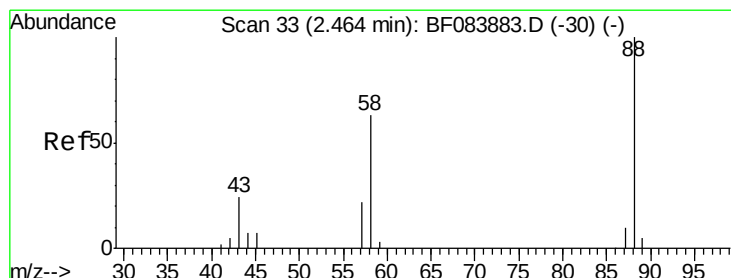
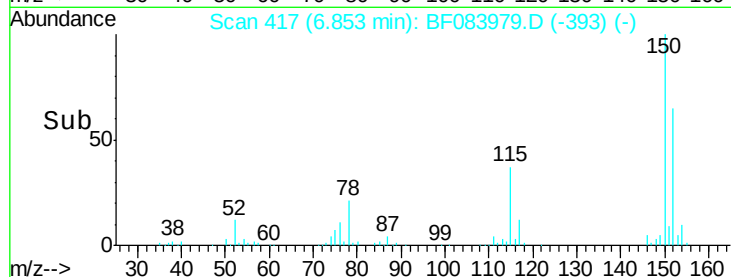
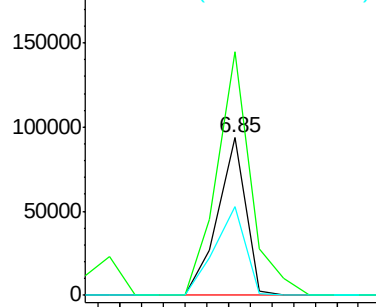


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

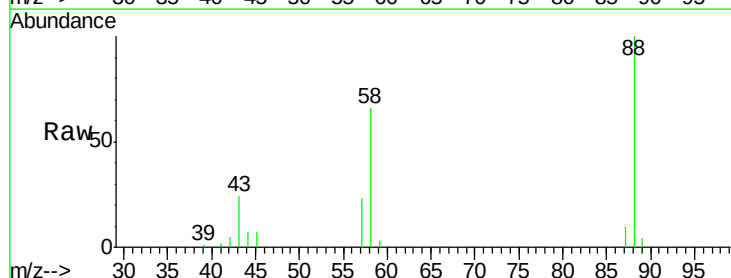
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
88	100		
58	66.0	51.2	76.8
43	27.2	19.5	29.3

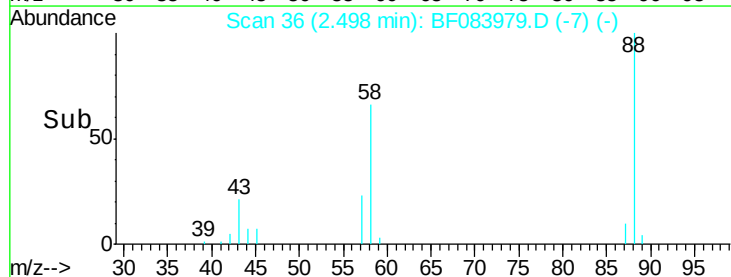
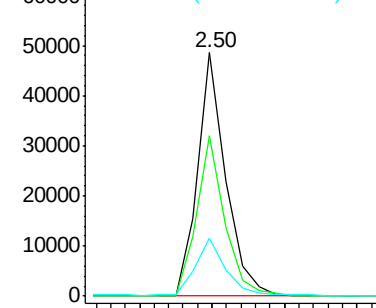


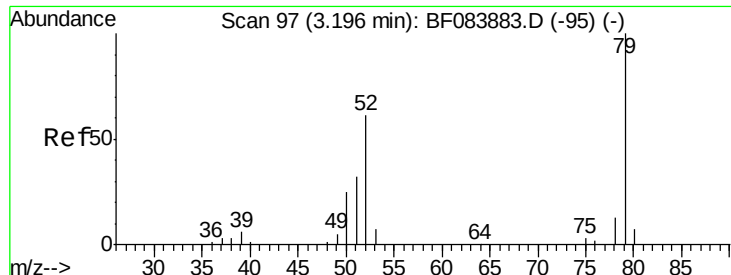
Abundance

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





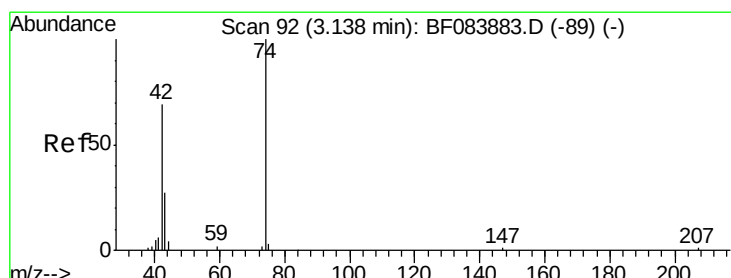
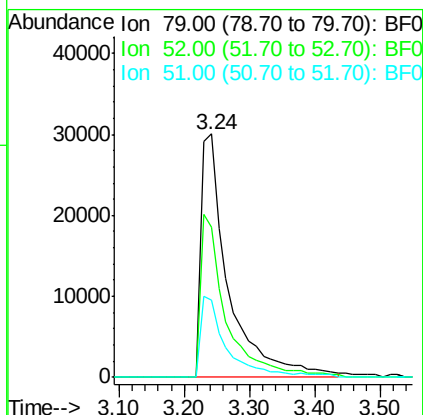
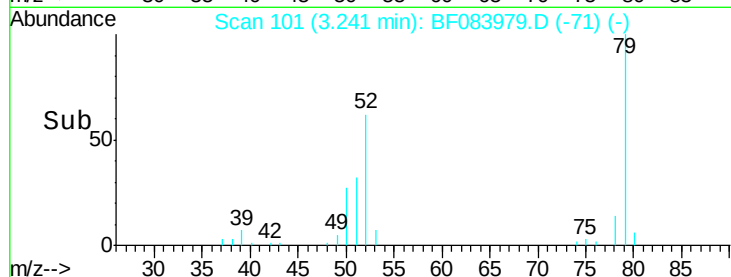
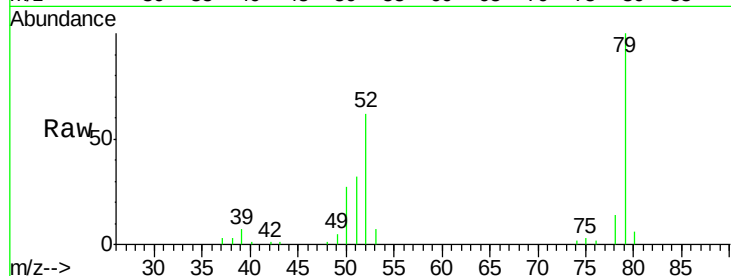
#3
 Pvridine
 Concen: 15.10 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.05 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.9	49.0	73.4
51	31.7	25.2	37.8

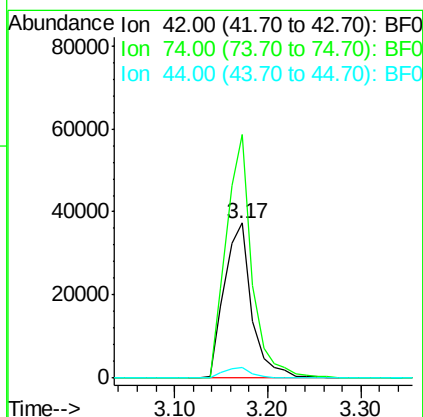
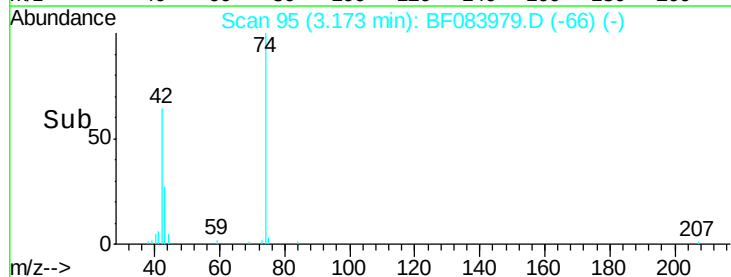
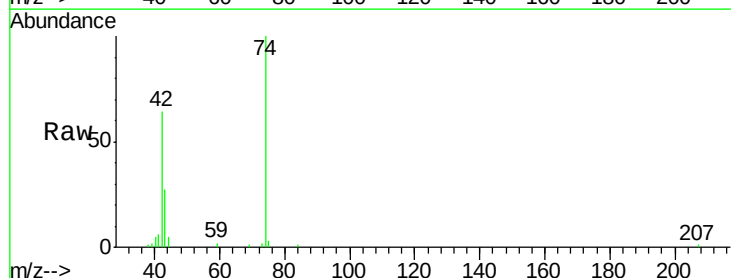
Manual Integrations
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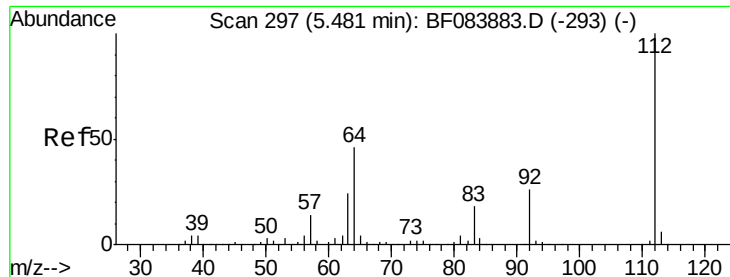
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#4
 n-Nitrosodimethylamine
 Concen: 34.58 ng
 RT: 3.17 min Scan# 95
 Delta R.T. 0.03 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.3	115.7	173.5
44	7.2	5.1	7.7





#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

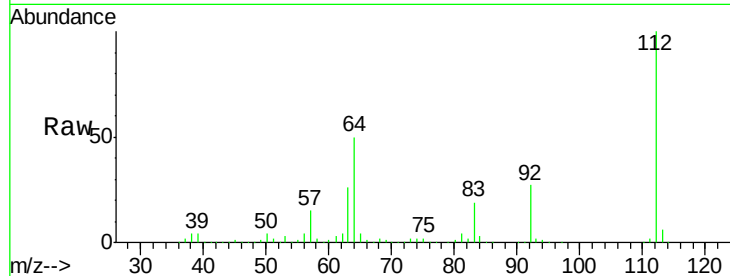
ClientSampleId :

WC121515-LIQUID-POPHMSD

Tot Ion:	112	Resp:	565110
Ion Ratio	Lower	Upper	
112	100		
64	49.7	36.6	55.0
63	26.3	19.4	29.0

Manual Integrations
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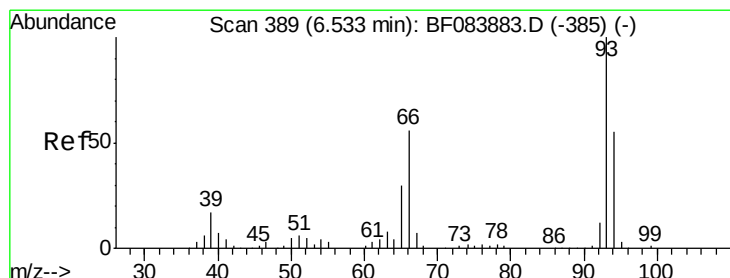
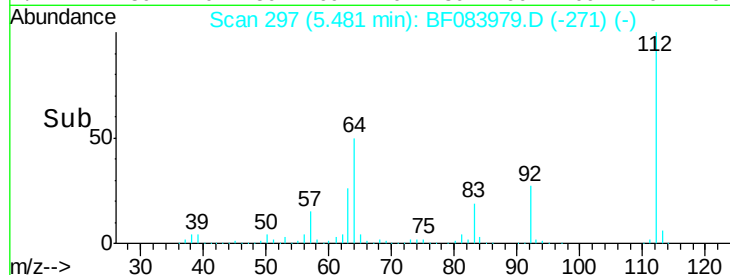
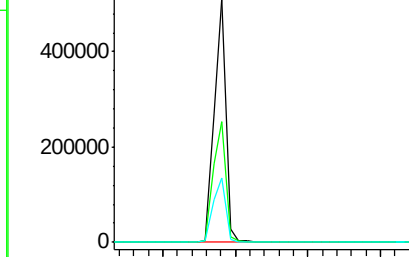
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.13 ng

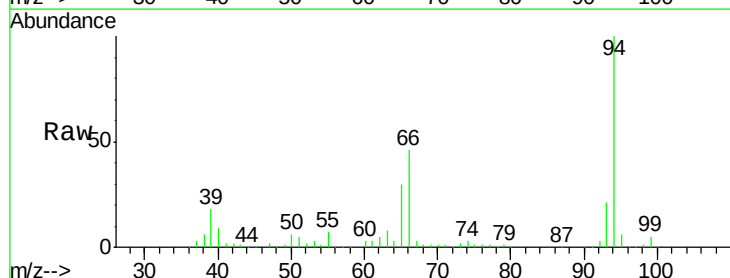
RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

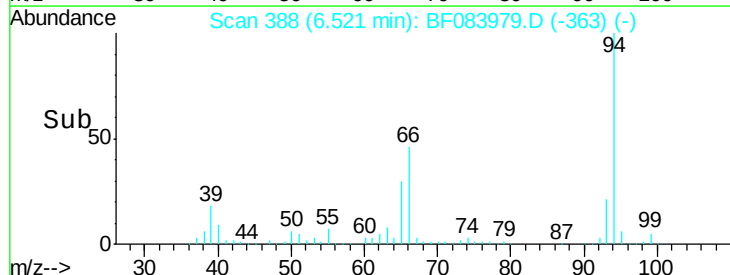
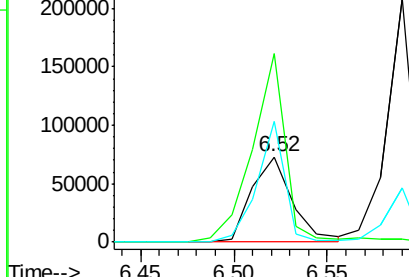
Tgt Ion:	93	Resp:	112030
Ion Ratio	Lower	Upper	
93	100		
66	220.8	44.9	67.3#
65	141.9	23.7	35.5#

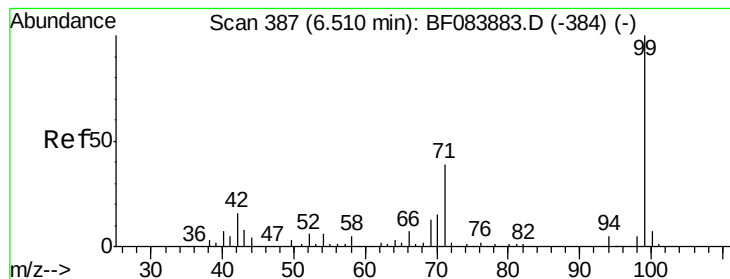


Abundance Ion 93.00 (92.70 to 93.70): BF0

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 :

BNA_F

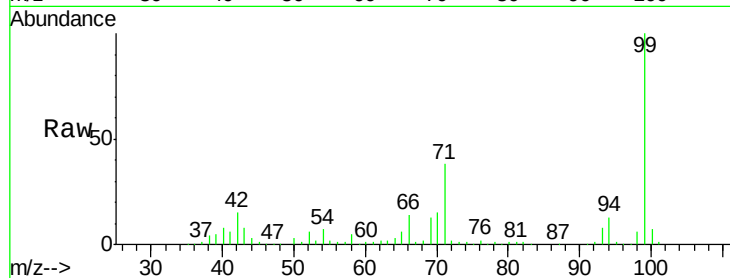
ClientSampleId :

WC121515-LIQUID-POPHMSD

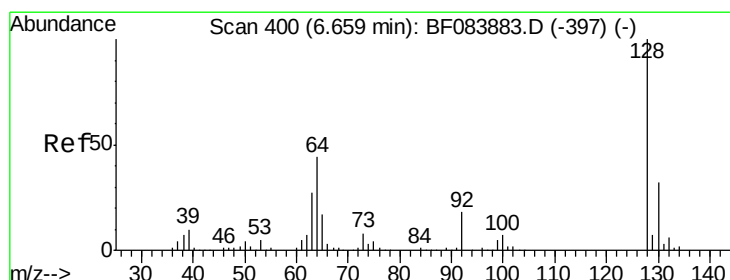
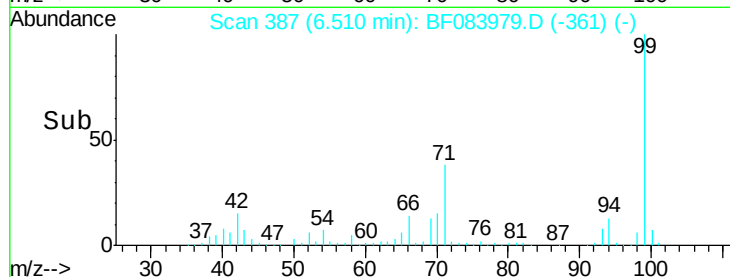
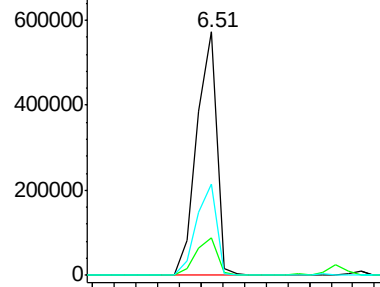
Tot Ion:	99	Resp:	727985
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.8	19.2
71	37.6	30.9	46.3

Manual Integrations
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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

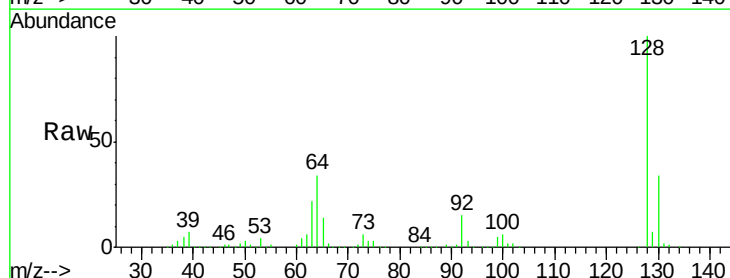
RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

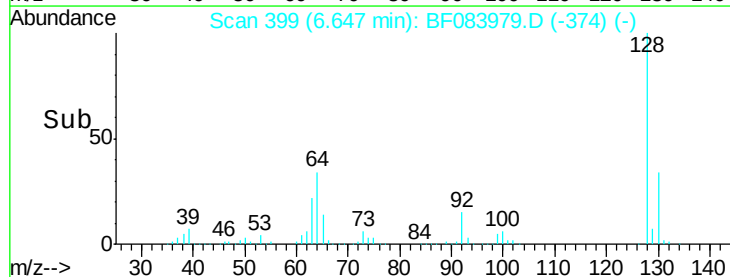
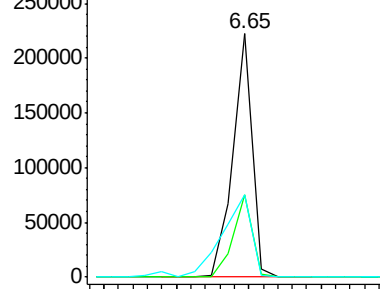
Lab File: BF083979.D

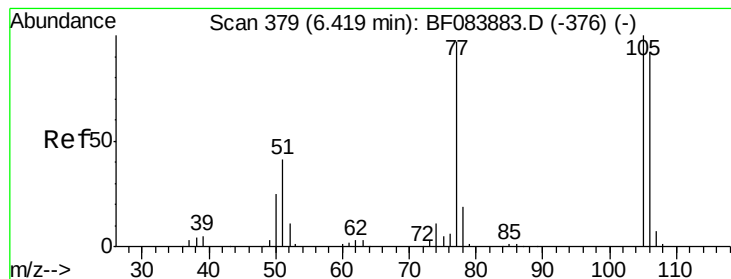
Acq: 20 Dec 2015 4:59

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

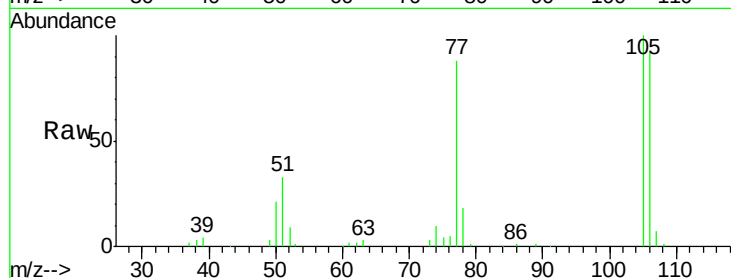
Acq: 20 Dec 2015 4:59

Instrument :

BNA_F

ClientSampleId :

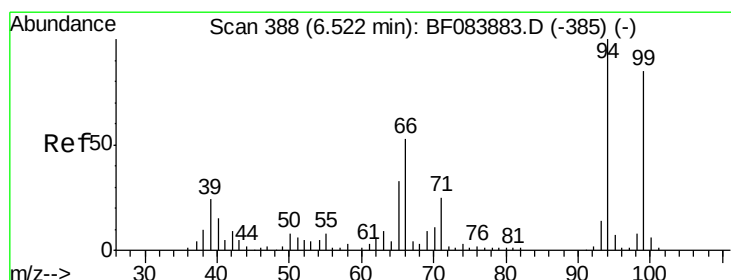
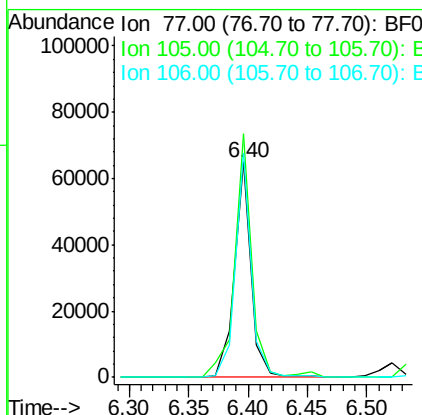
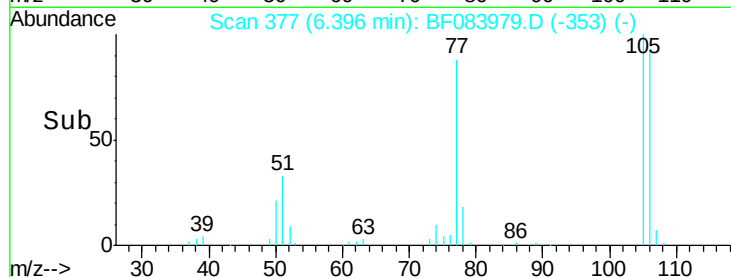
WC121515-LIQUID-POPHMSD



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

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#10

Phenol

Concen: 41.86 ng

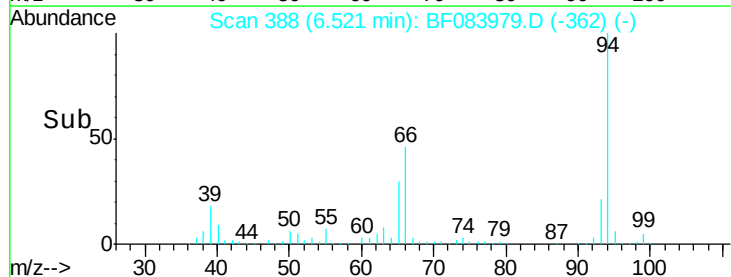
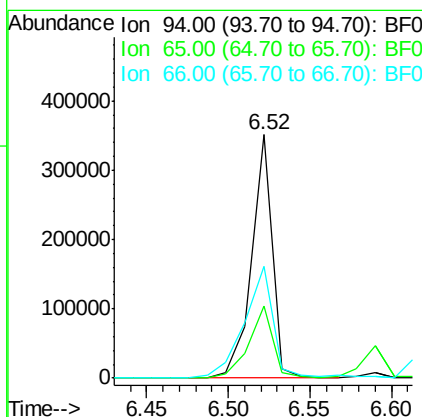
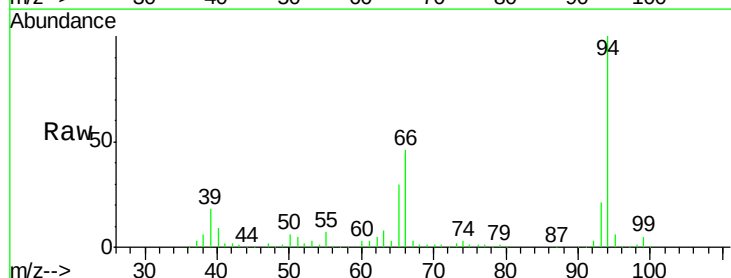
RT: 6.52 min Scan# 388

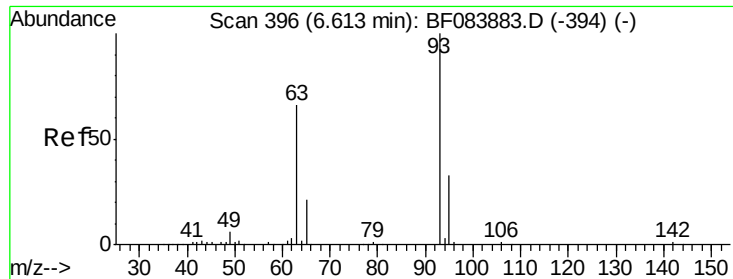
Delta R.T. -0.00 min

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





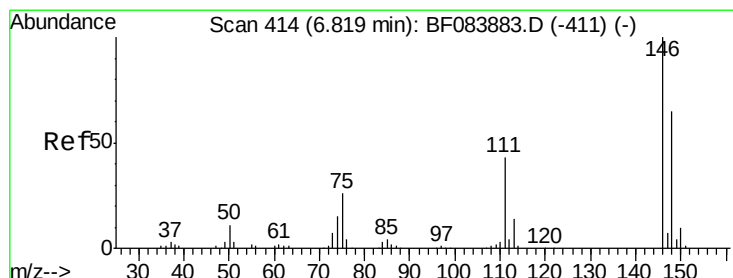
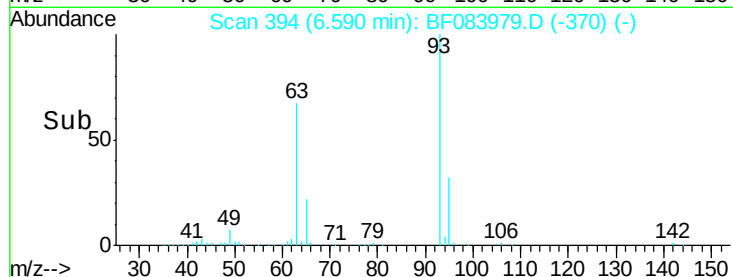
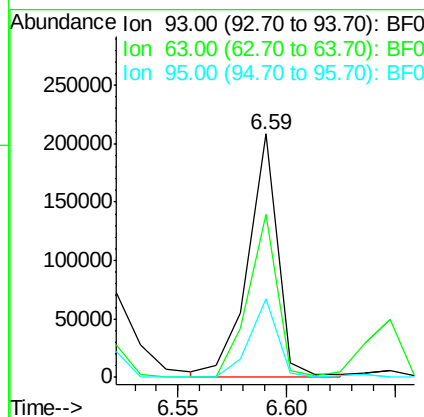
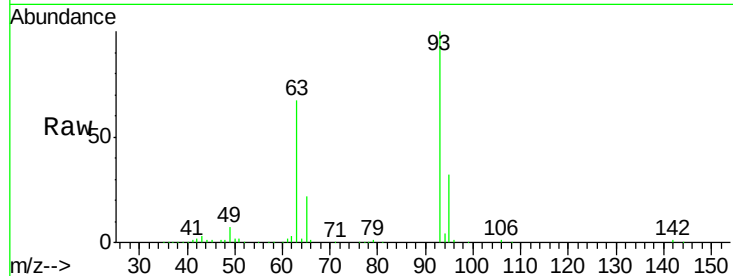
#11
bis(2-Chloroethyl)ether
Concen: 35.48 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

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

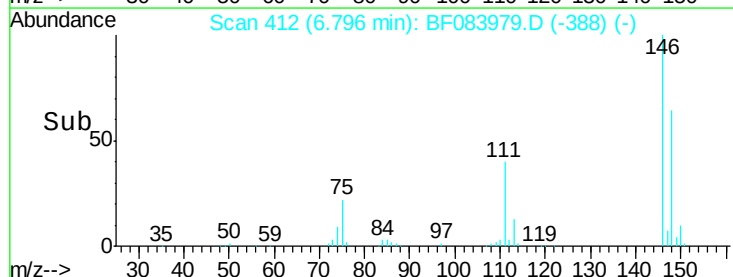
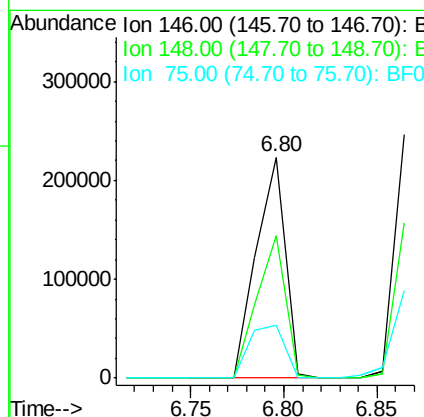
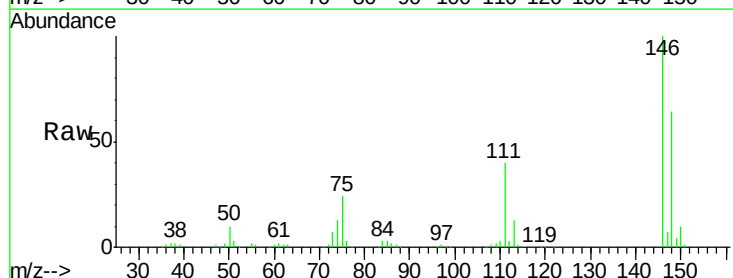
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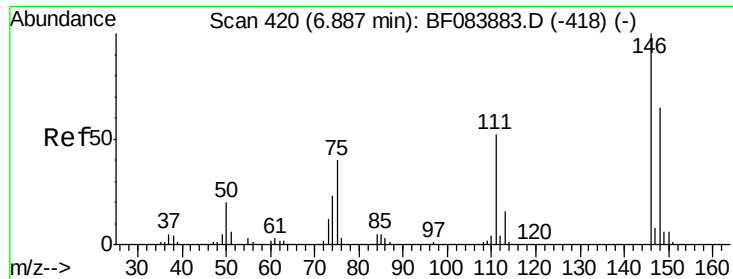
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#12
1,3-Dichlorobenzene
Concen: 34.75 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

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





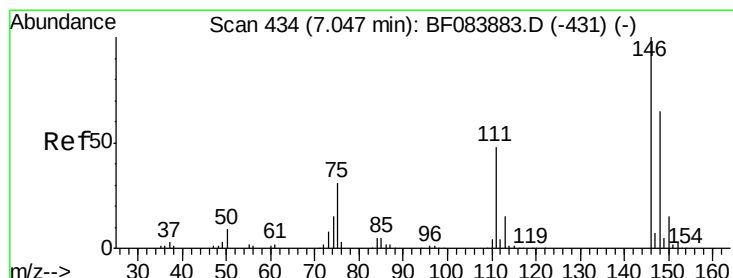
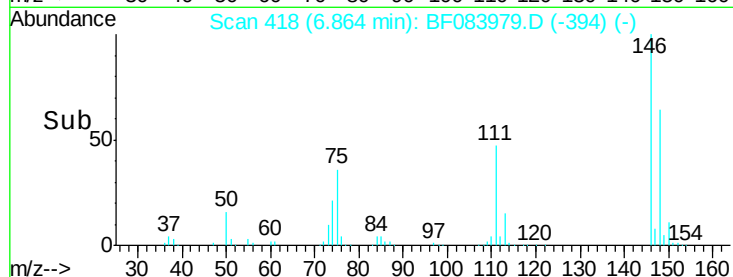
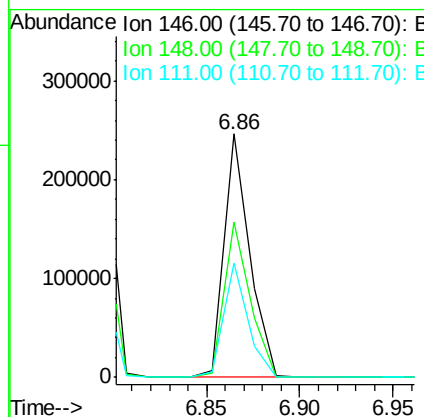
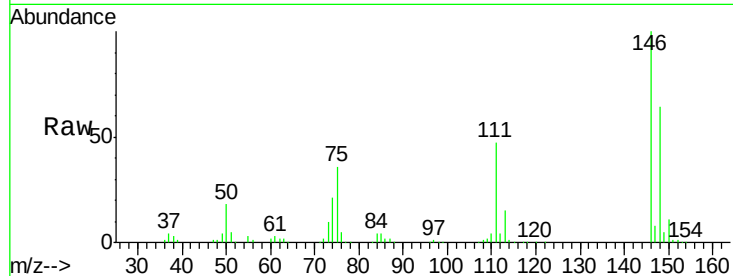
#13
 1,4-Dichlorobenzene
 Concen: 33.43 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
111	47.1	41.6	62.4

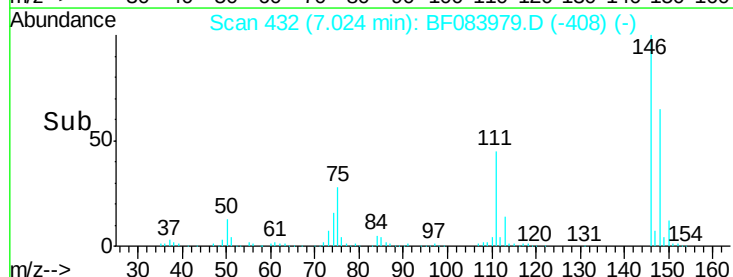
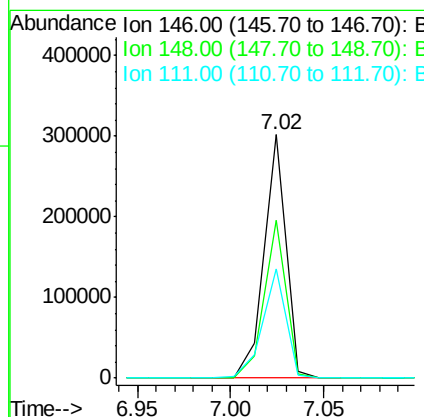
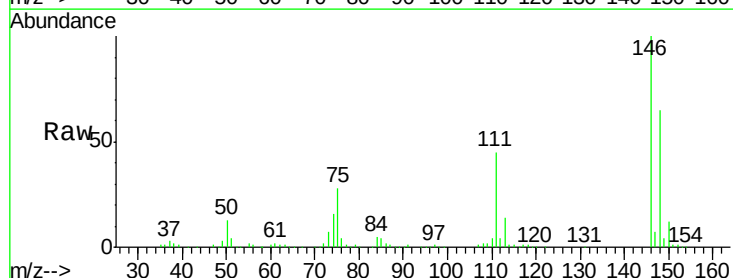
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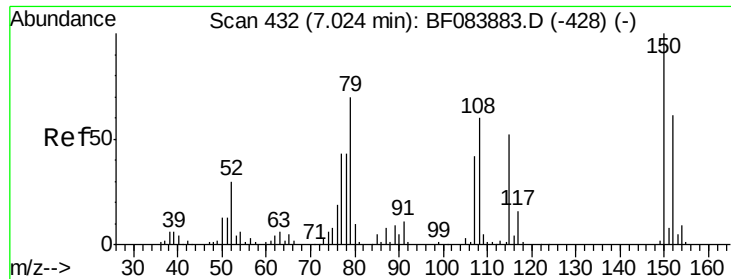
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#14
 1,2-Dichlorobenzene
 Concen: 42.59 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion	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

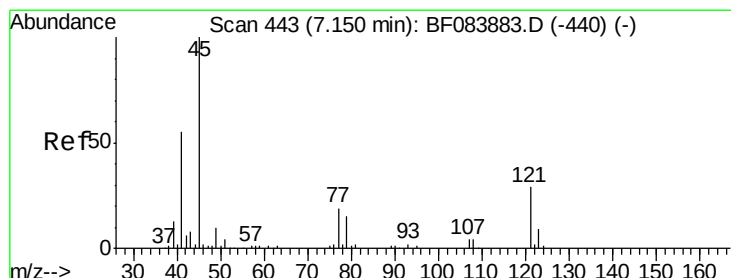
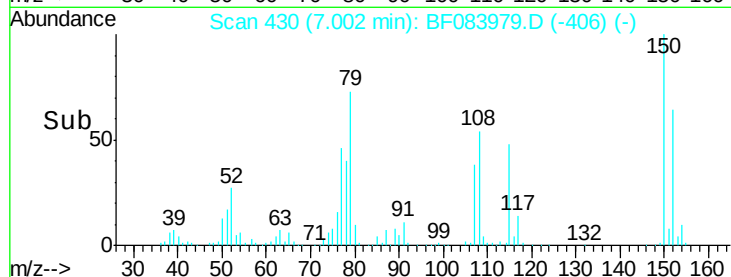
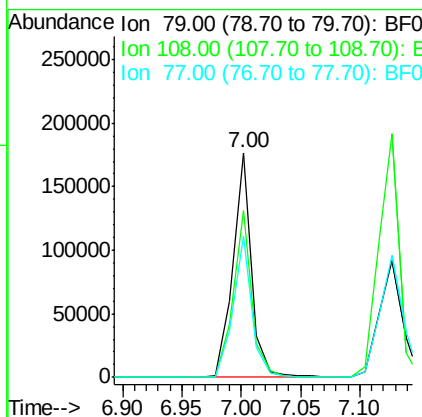
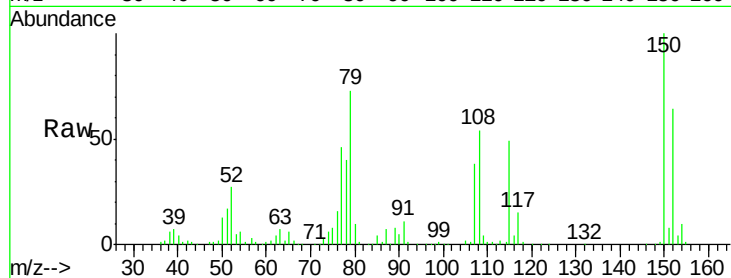
ClientSampleId :

WC121515-LIQUID-POPHMSD

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Tot 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

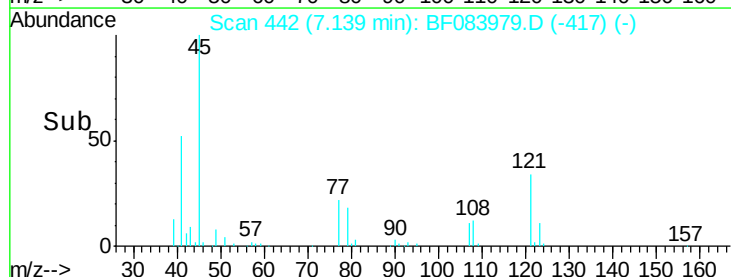
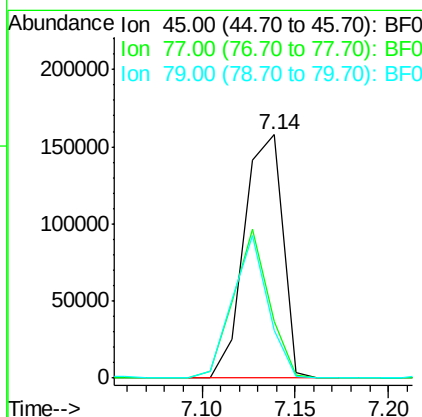
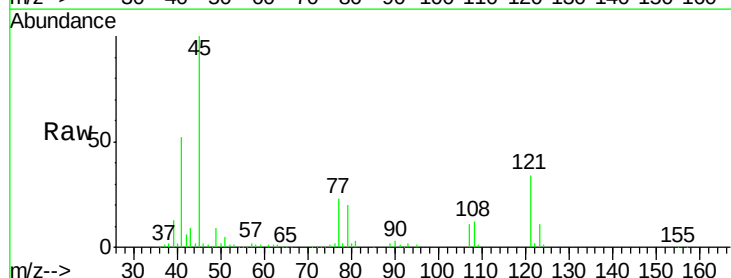
RT: 7.14 min Scan# 442

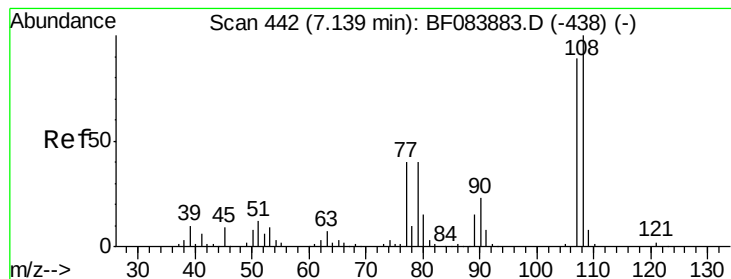
Delta R.T. -0.01 min

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





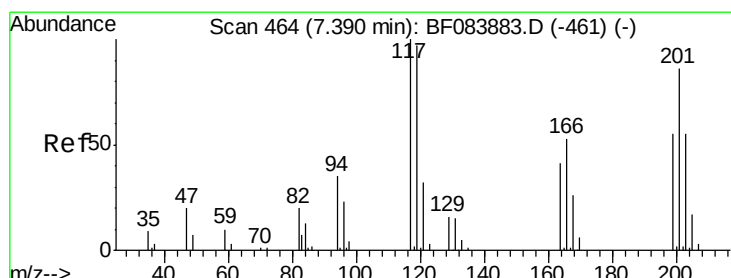
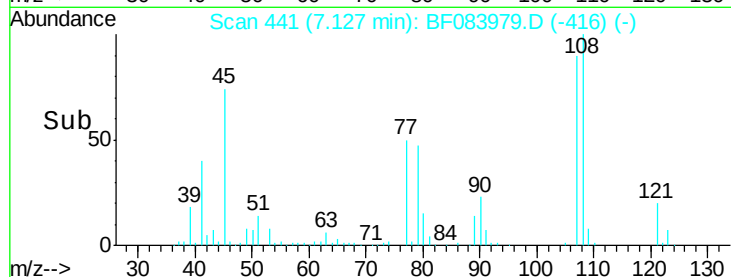
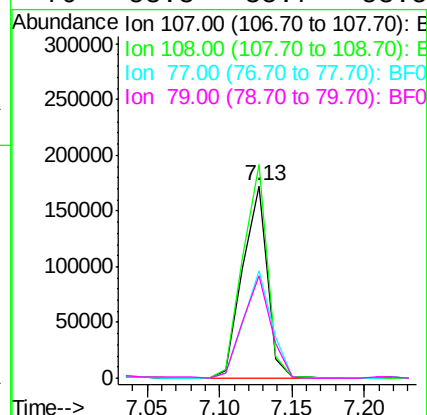
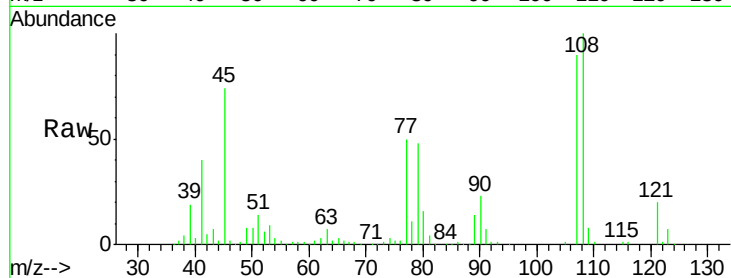
#17
2-Methylphenol
Concen: 40.60 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Resp 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

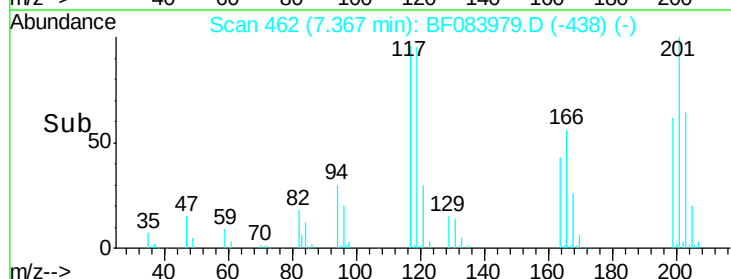
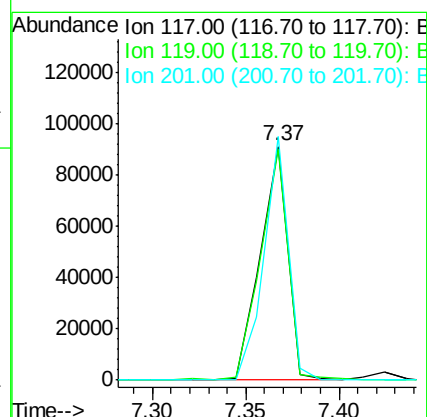
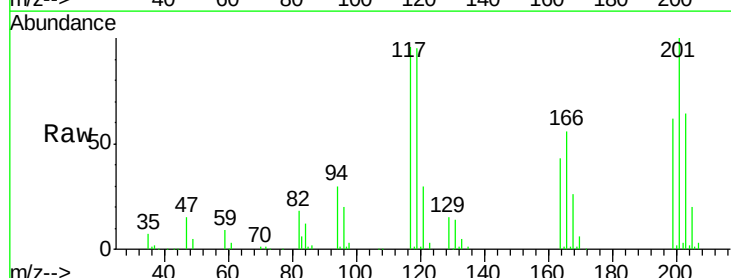
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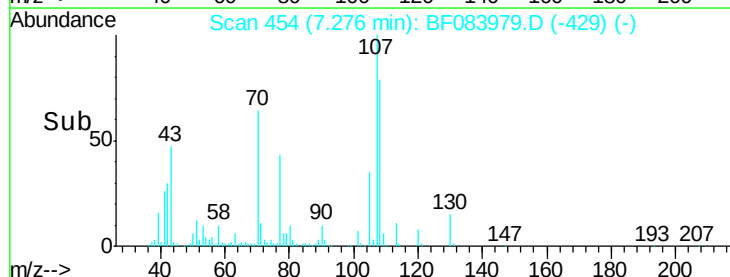
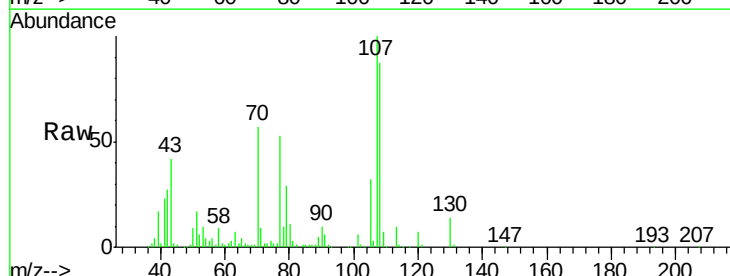
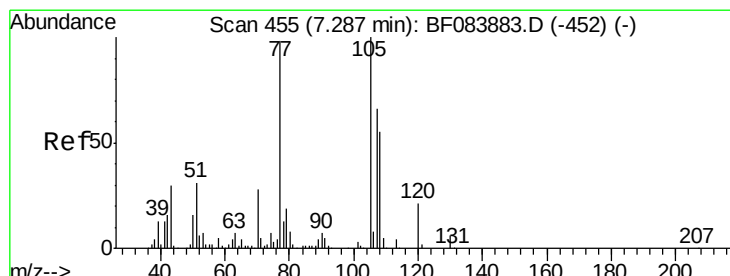
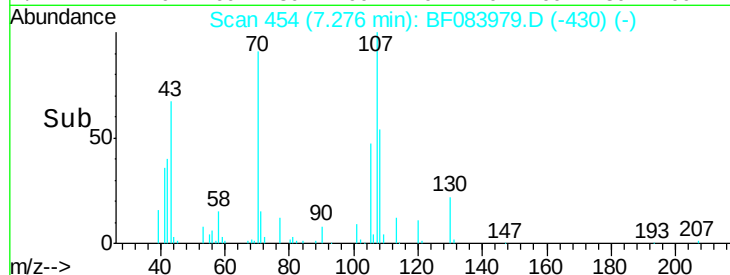
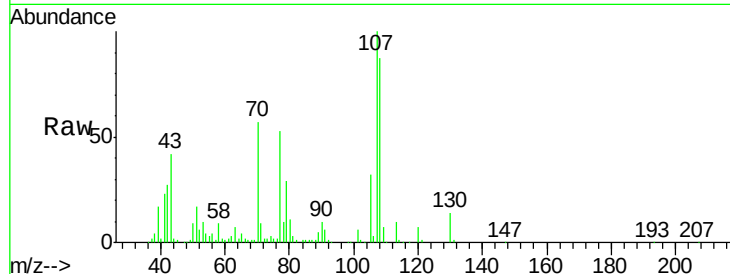
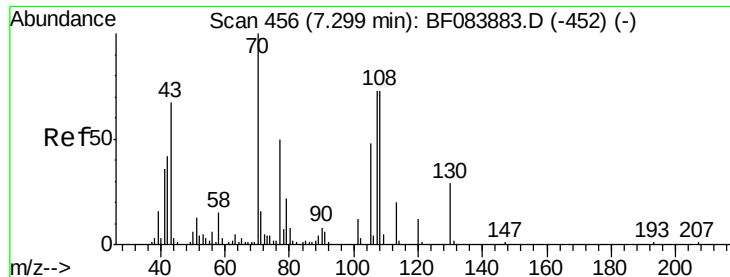
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#18
Hexachloroethane
Concen: 35.54 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	98.7	77.4	116.0
201	104.2	68.6	103.0#





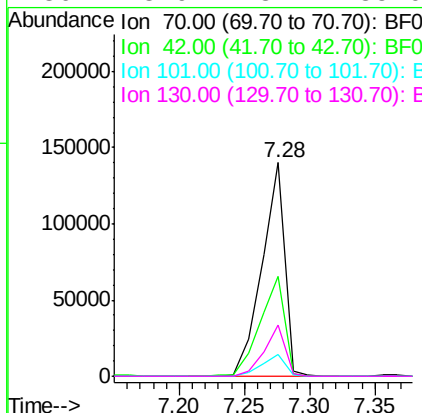
#19
n-Nitroso-di-n-propylamine
Concen: 44.45 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	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	

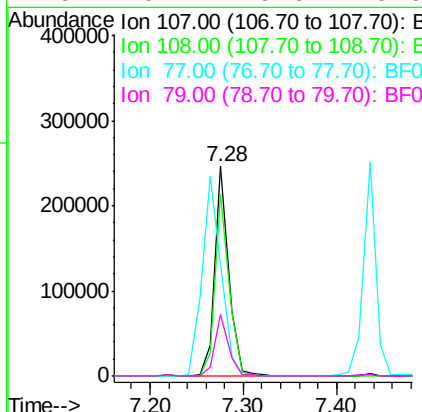
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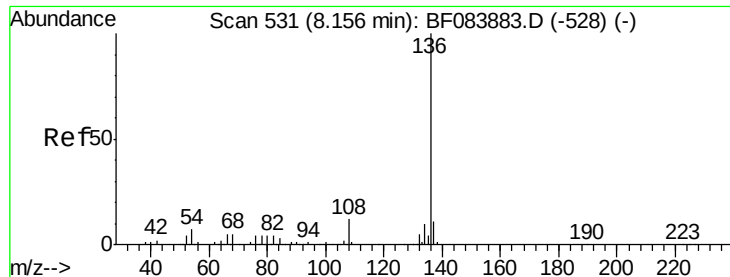
apatel
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#20
3+4-Methylphenols
Concen: 42.75 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	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	





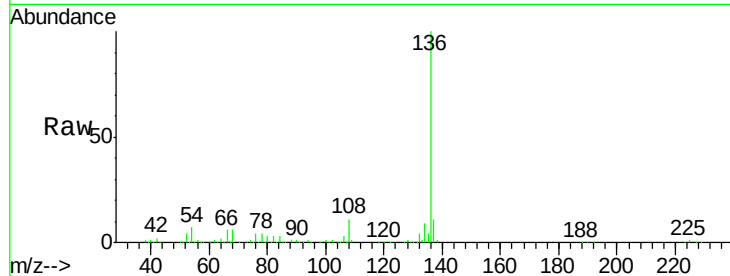
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

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

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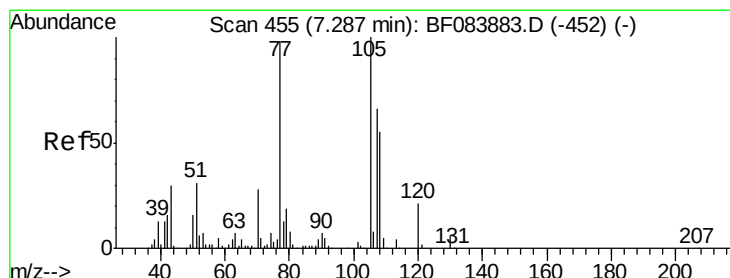
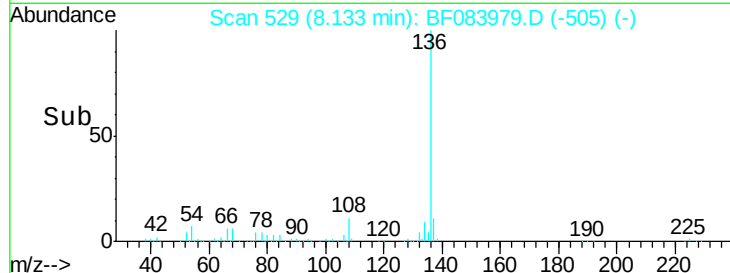
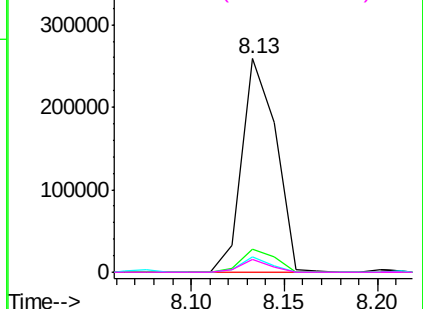


Abundance Ion 136.00 (135.70 to 136.70): E

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

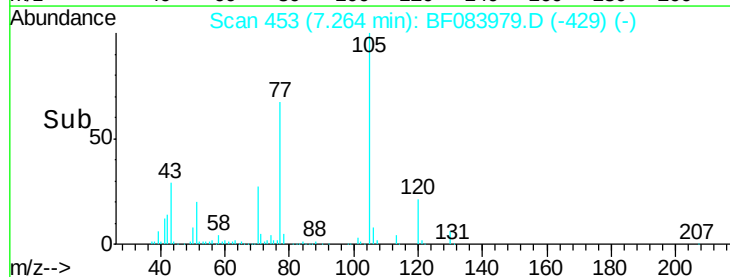
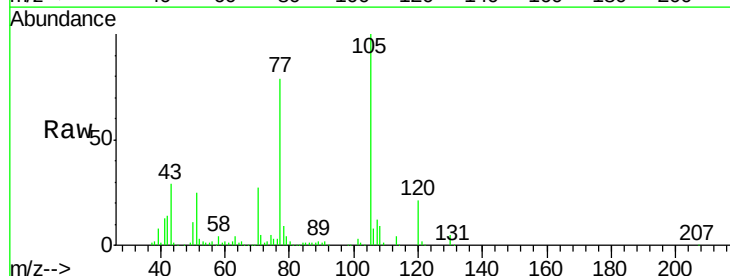
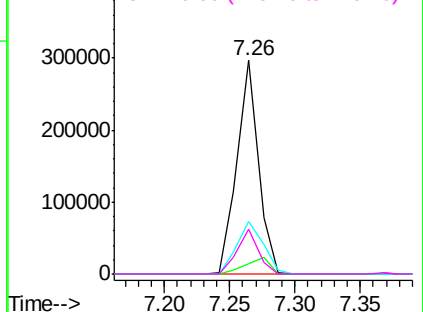
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339008		
71	4.6	3.7	5.5	
51	24.8	25.1	37.7#	
120	21.0	16.6	25.0	

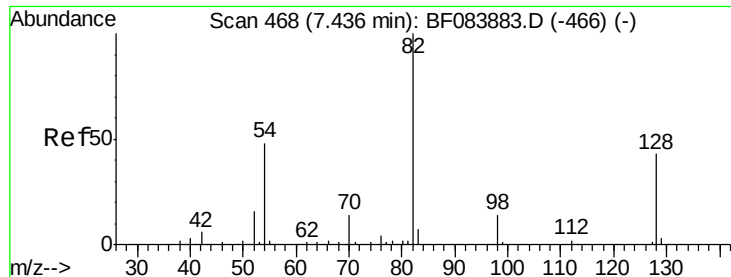
Abundance Ion 105.00 (104.70 to 105.70): E

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





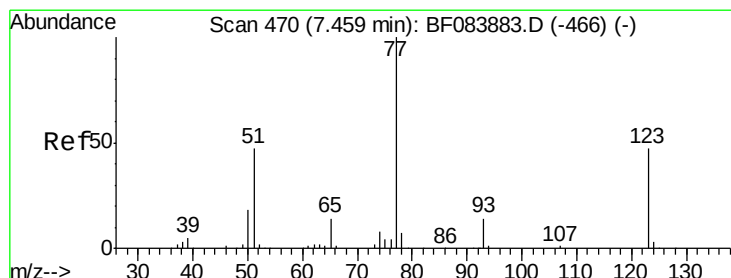
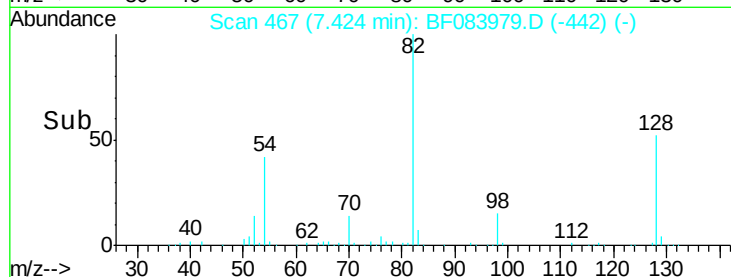
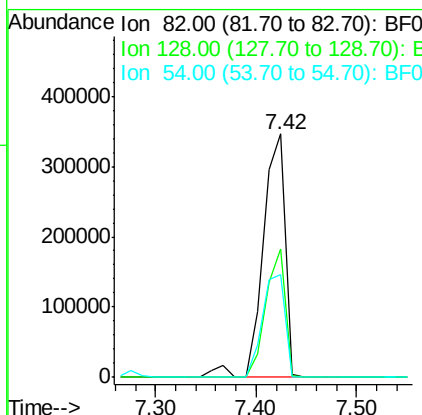
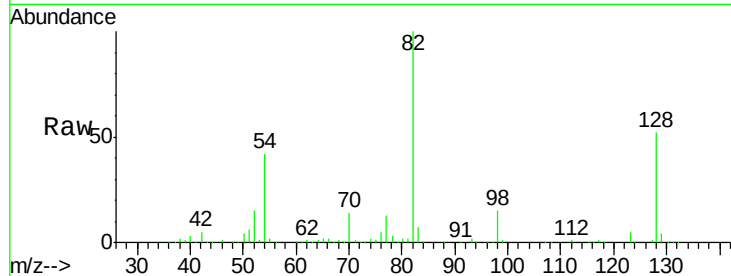
#23
 Nitrobenzene-d5
 Concen: 91.78 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.5	34.6	51.8#
54	42.1	38.4	57.6

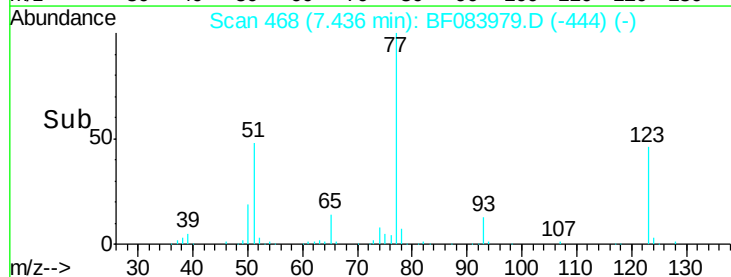
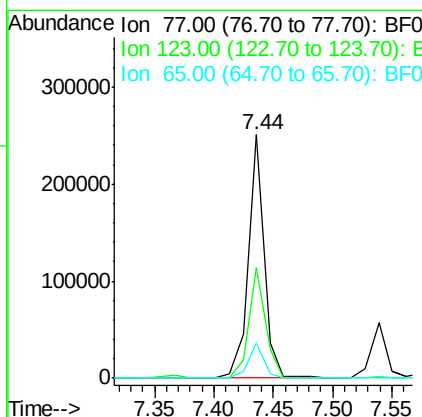
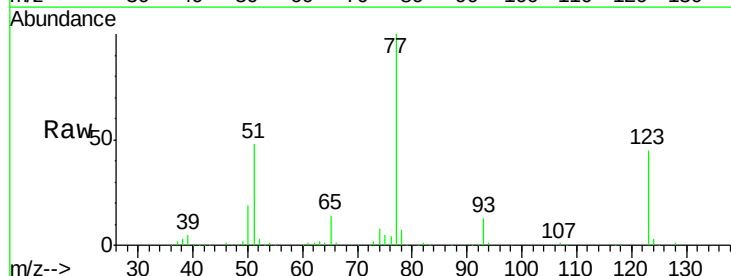
Manual Integrations
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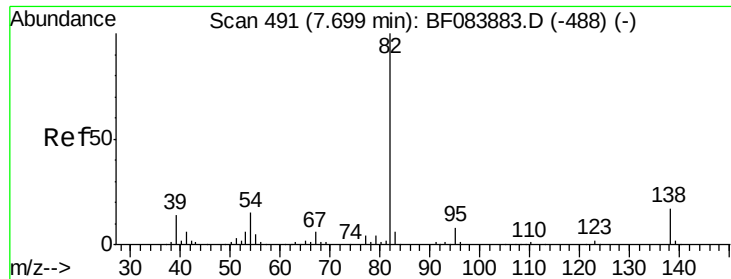
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#24
 Nitrobenzene
 Concen: 39.79 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

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





#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

Tot Ion:	82	Resp:	460727
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.6	10.0
138	17.0	13.6	20.4

Instrument :

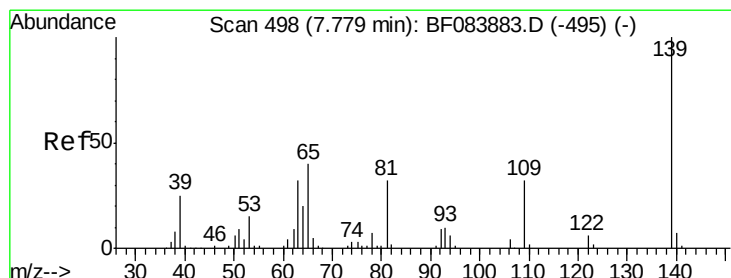
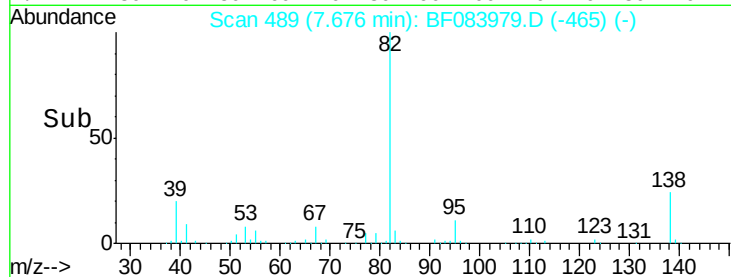
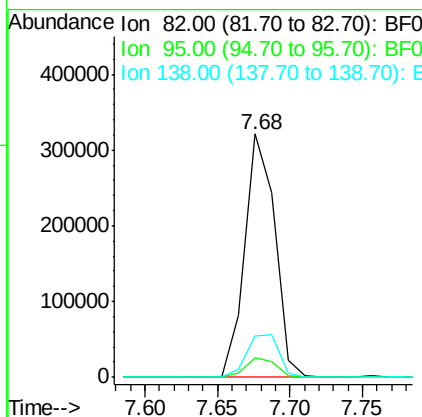
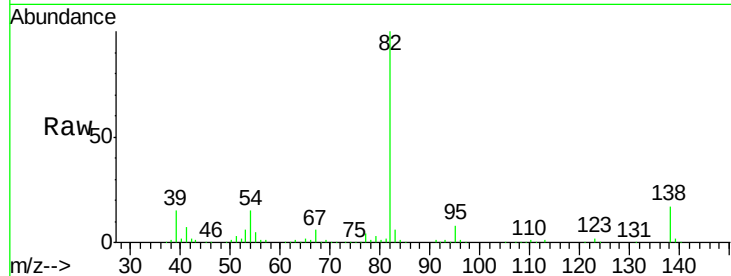
BNA_F

ClientSampleId :

WC121515-LIQUID-POPHMSD

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#26

2-Nitrophenol

Concen: 38.20 ng

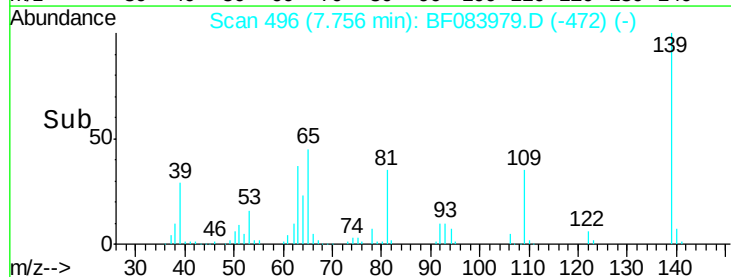
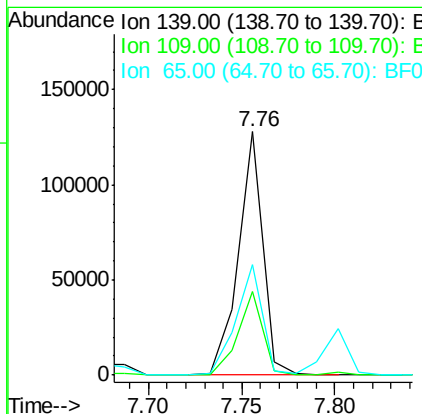
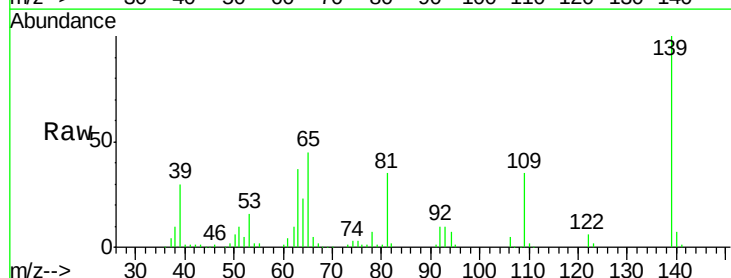
RT: 7.76 min Scan# 496

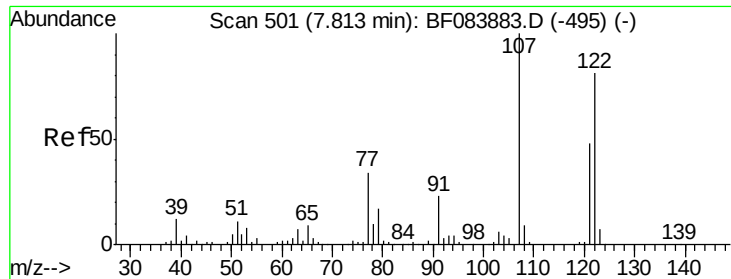
Delta R.T. -0.02 min

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





#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

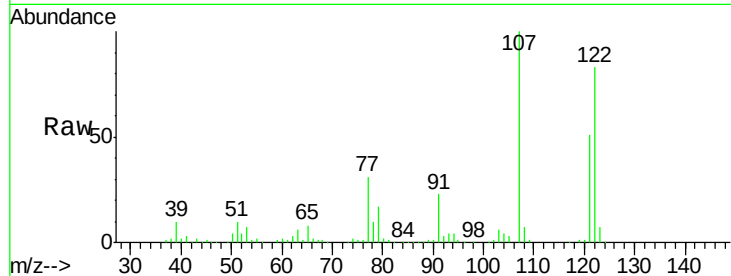
ClientSampleId :

WC121515-LIQUID-POPHMSD

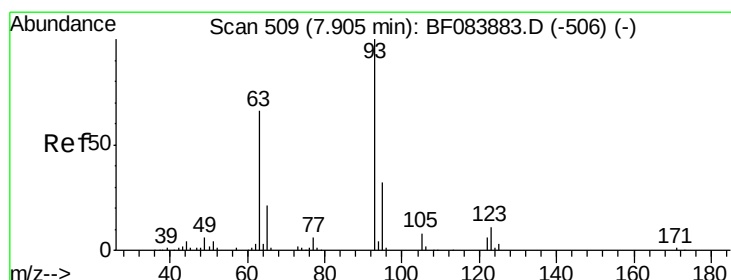
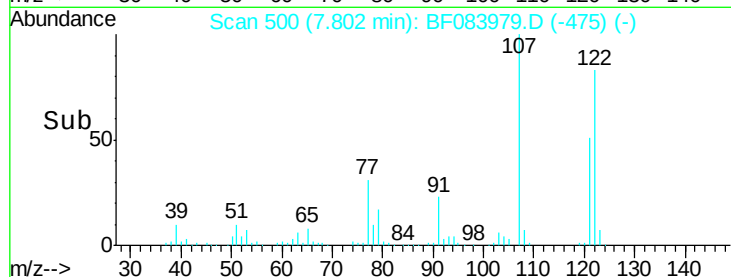
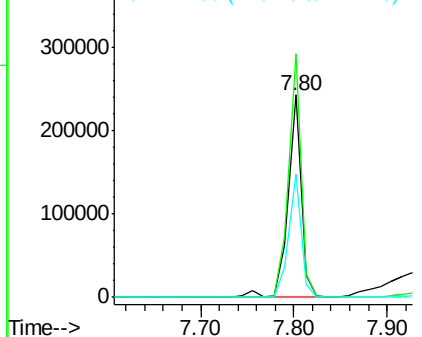
Tot Ion:	122	Resp:	237841
Ion Ratio	Lower	Upper	
122	100		
107	120.3	99.1	148.7
121	61.0	47.9	71.9

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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

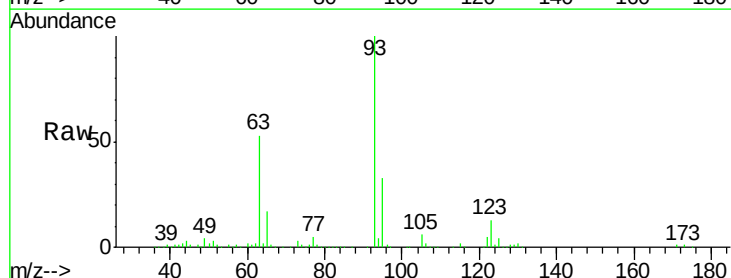
RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

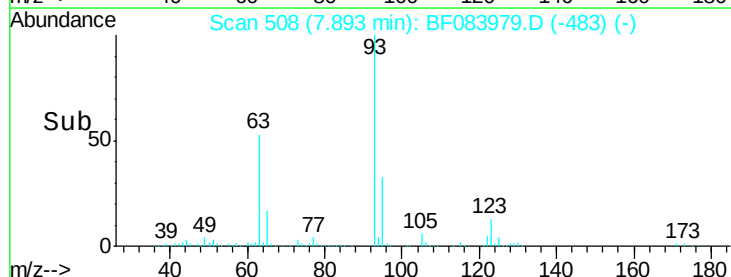
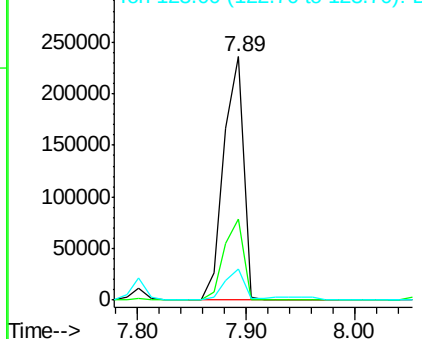
Lab File: BF083979.D

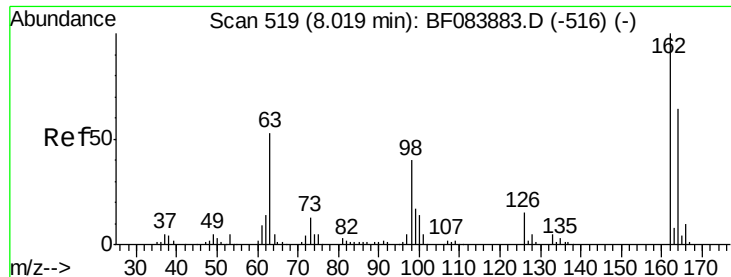
Acq: 20 Dec 2015 4:59

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





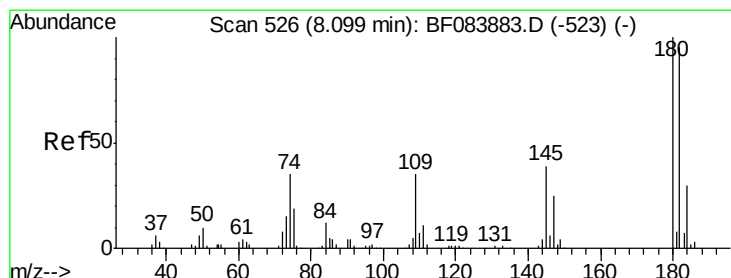
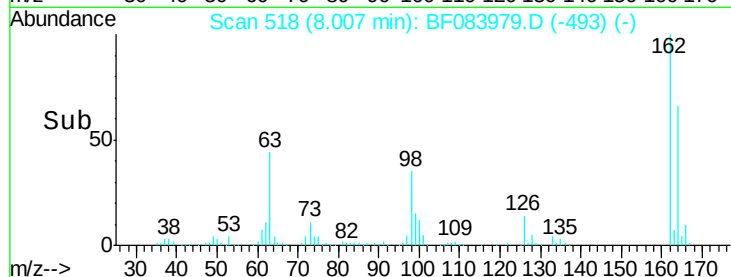
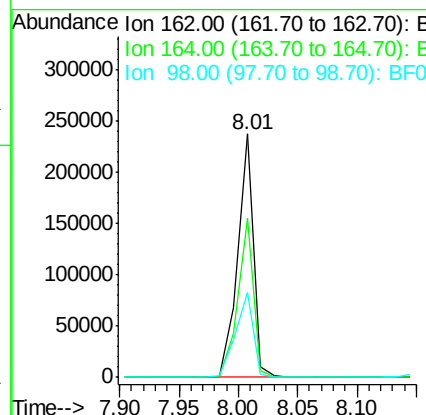
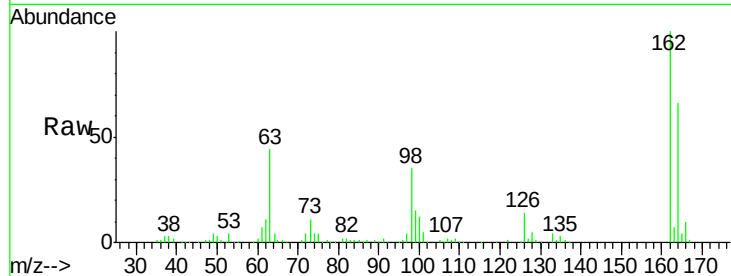
#29
 2,4-Dichlorophenol
 Concen: 45.72 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

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

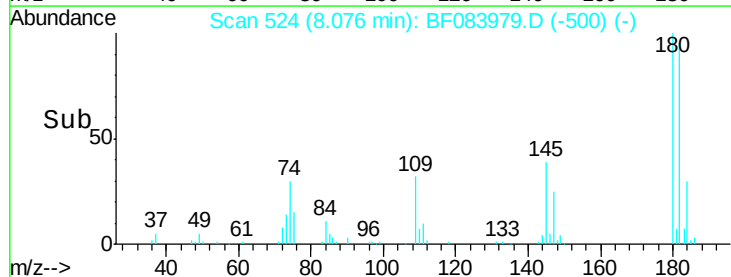
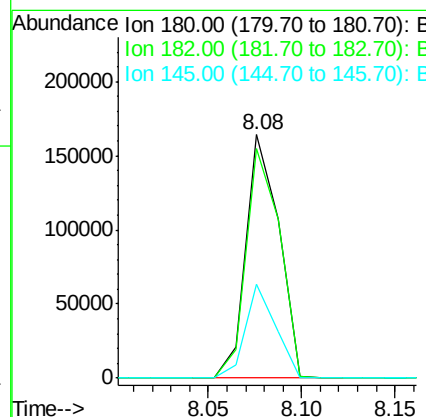
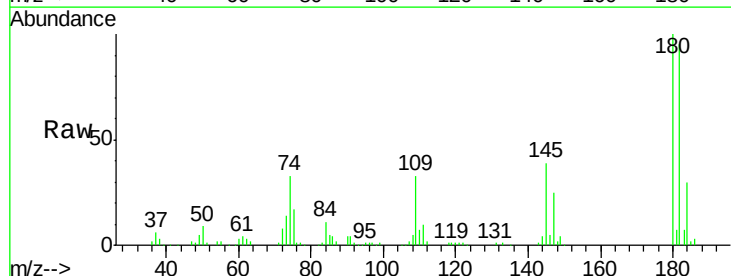
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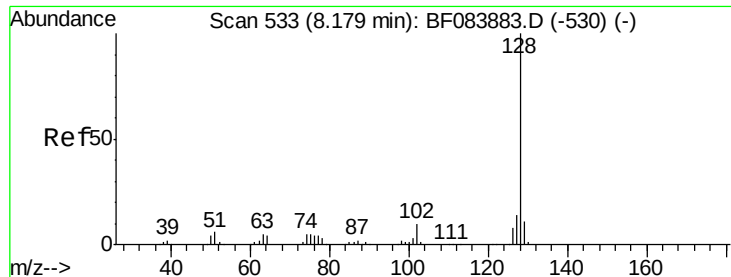
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.08 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Resp 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

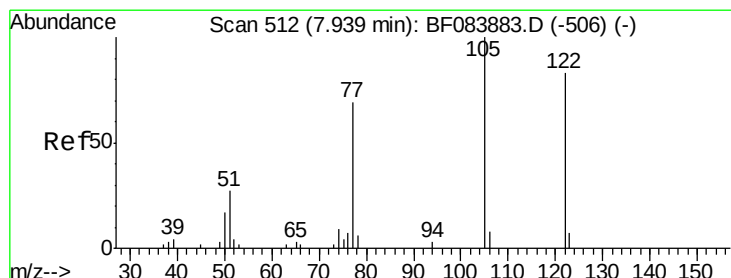
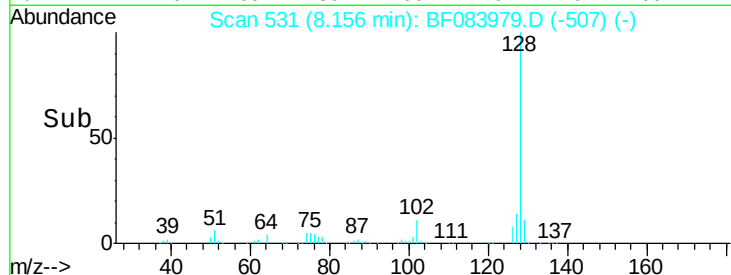
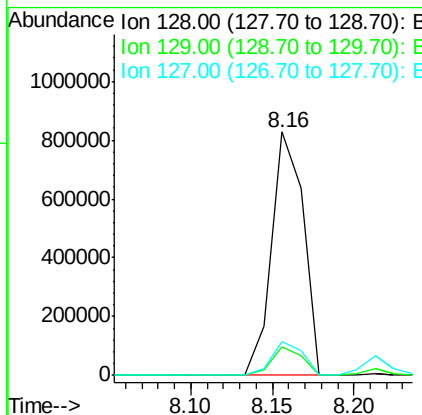
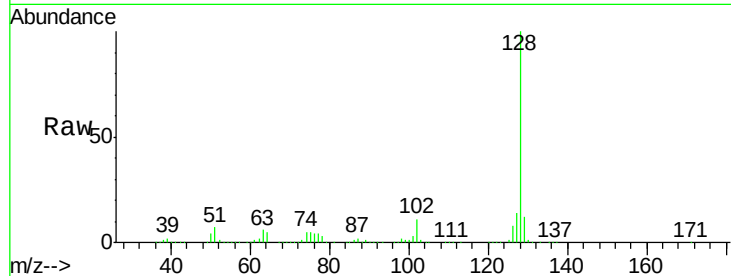
ClientSampleId :

WC121515-LIQUID-POPHMSD

Tot Ion:	128	Resp:	1124334
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	14.1	11.1	16.7

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#32

Benzoic acid

Concen: 65.30 ng

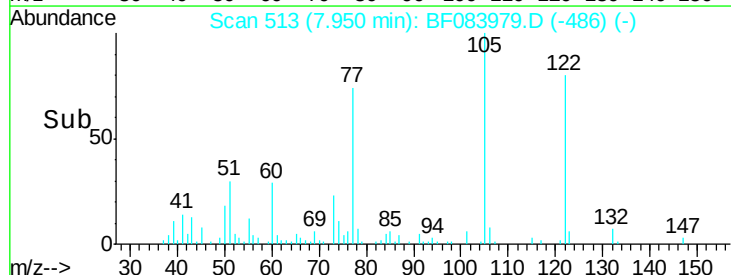
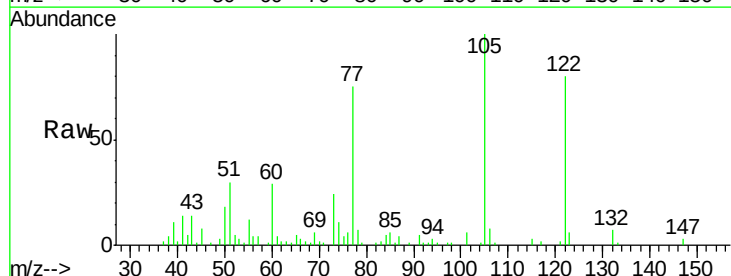
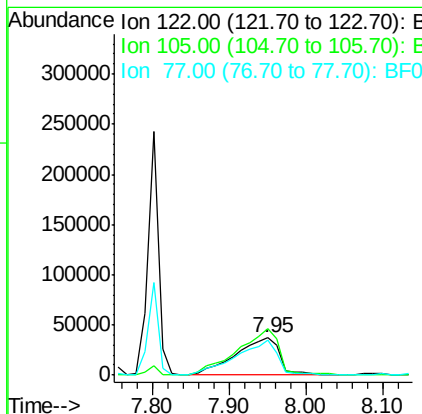
RT: 7.95 min Scan# 513

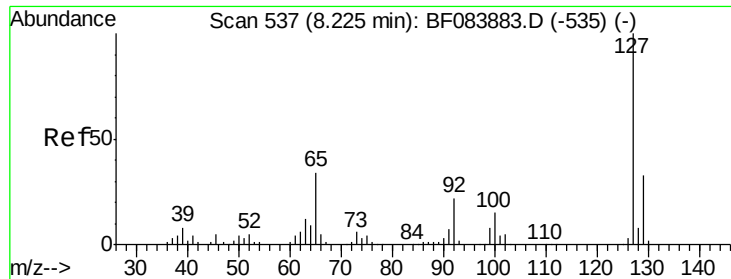
Delta R.T. 0.01 min

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





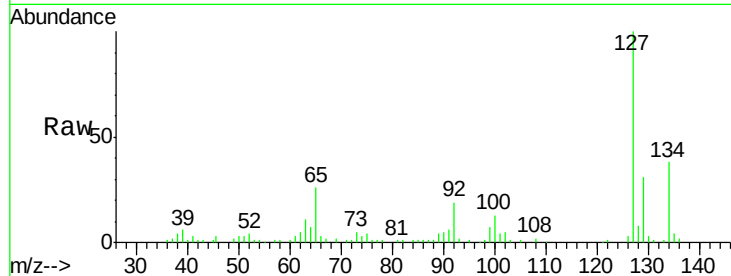
#33
4-Chloroaniline
Concen: 11.58 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

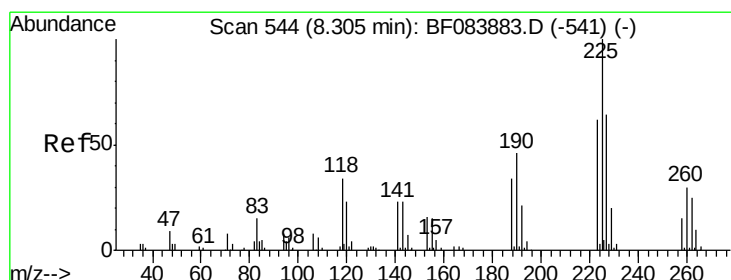
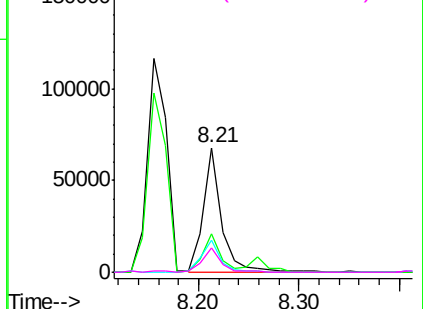
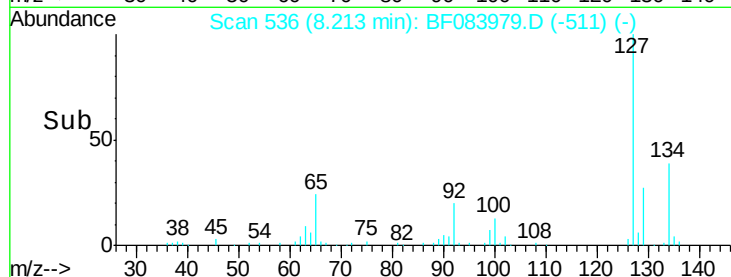
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.5	39.7
65	25.6	27.2	40.8
92	19.3	17.7	26.5

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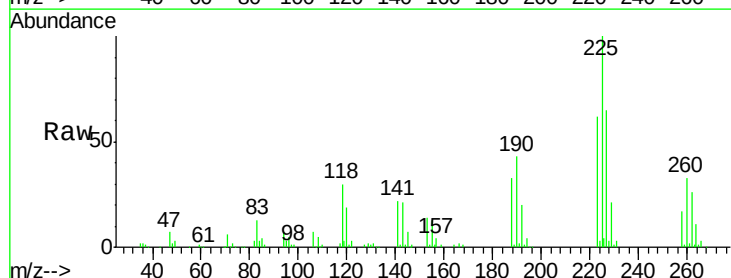


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

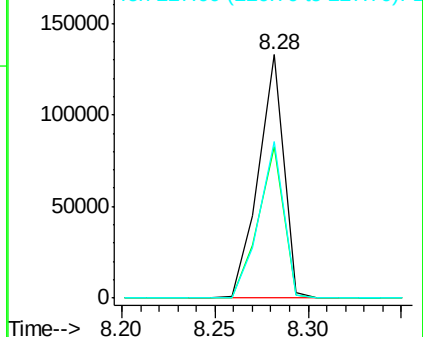
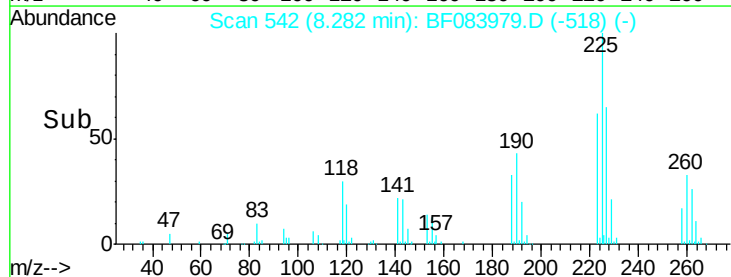


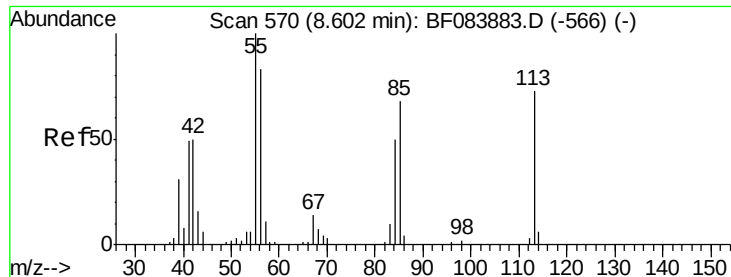
#34
Hexachlorobutadiene
Concen: 38.64 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	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

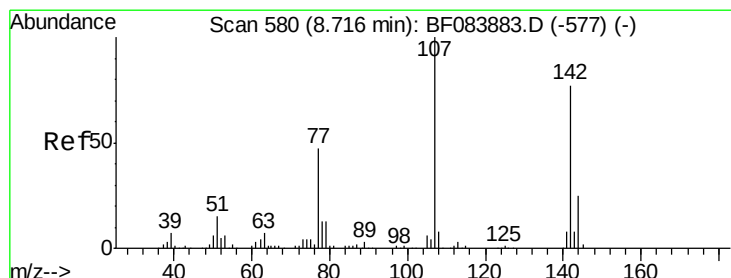
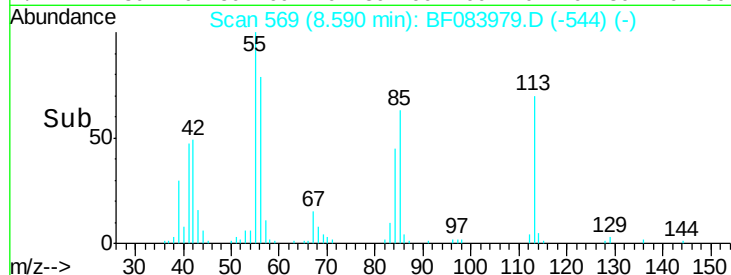
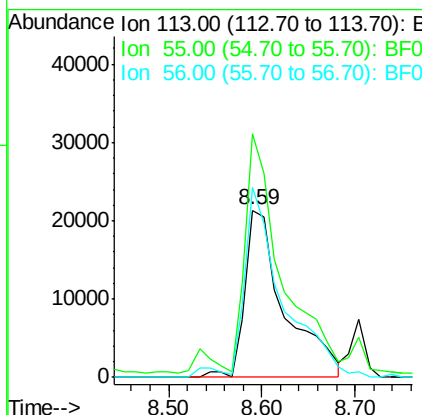
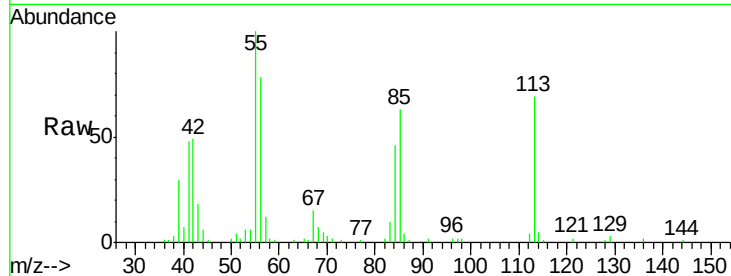
ClientSampleId :

WC121515-LIQUID-POPHMSD

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

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#36

4-Chloro-3-methylphenol

Concen: 44.53 ng

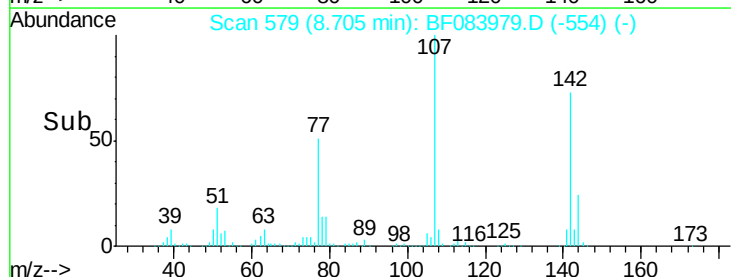
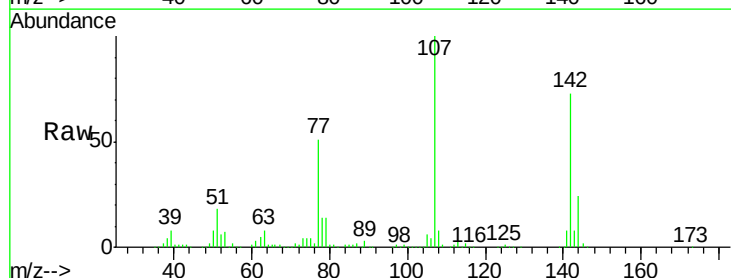
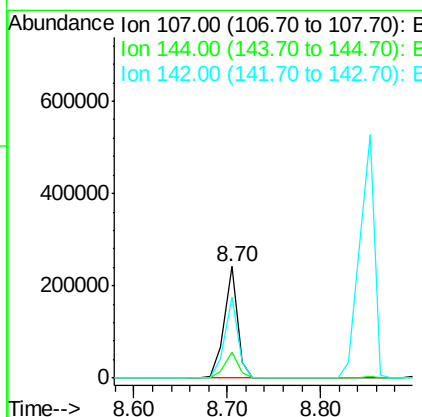
RT: 8.70 min Scan# 579

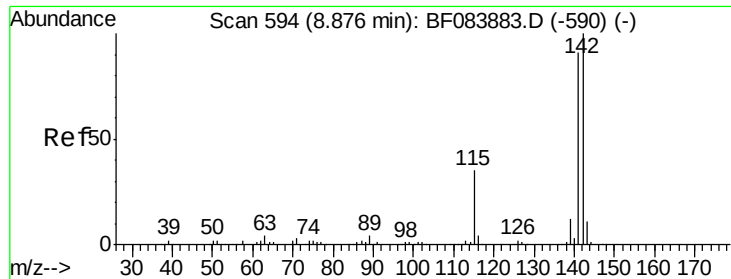
Delta R.T. -0.01 min

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





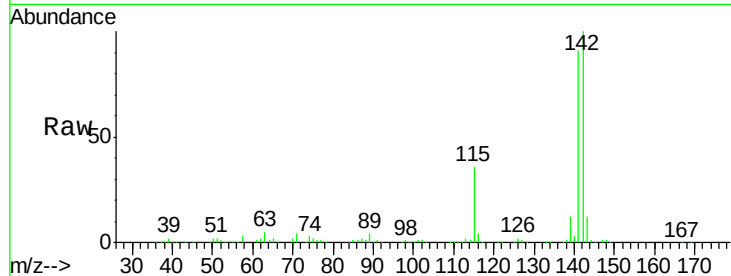
#37
2-Methylnaphthalene
Concen: 50.69 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

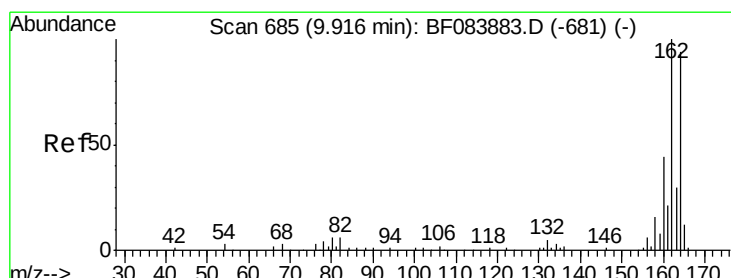
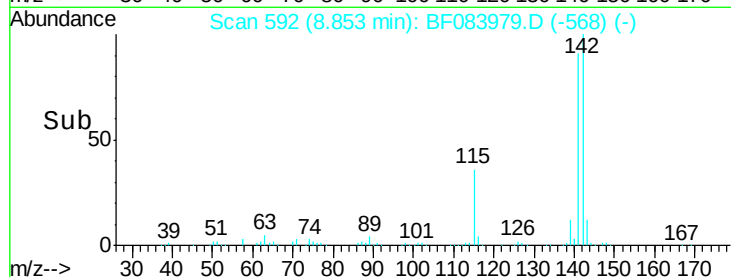
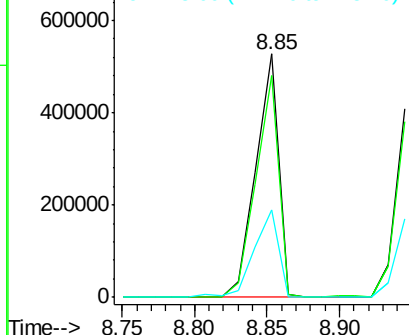
Tot Ion	Ratio	Resp	Lower	Upper
142	100	576596		
141	91.1	72.4	108.6	
115	35.8	27.9	41.9	

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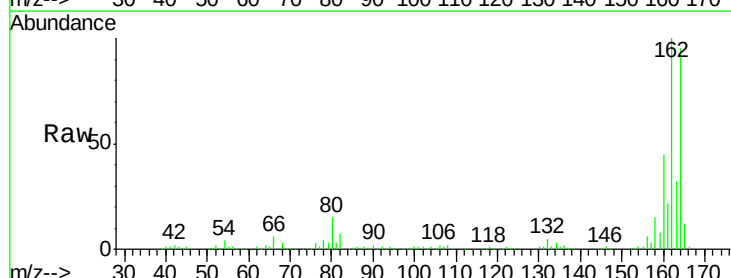


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

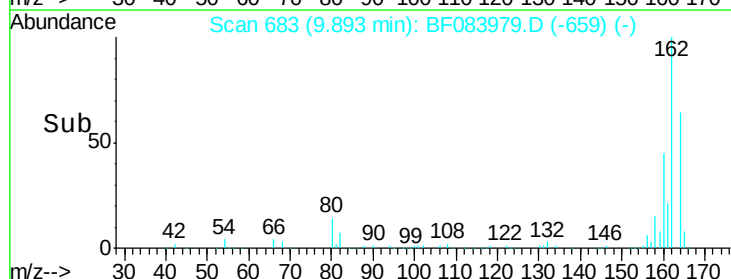
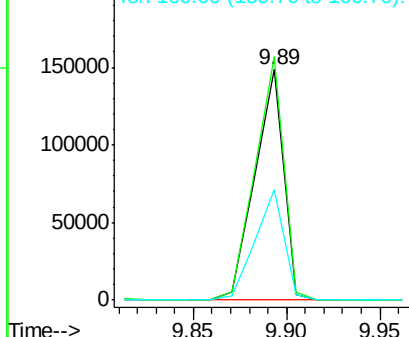


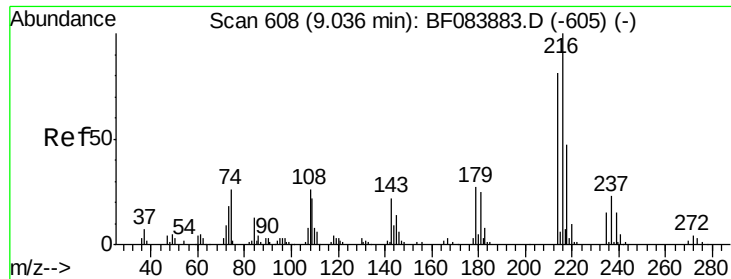
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	157224		
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





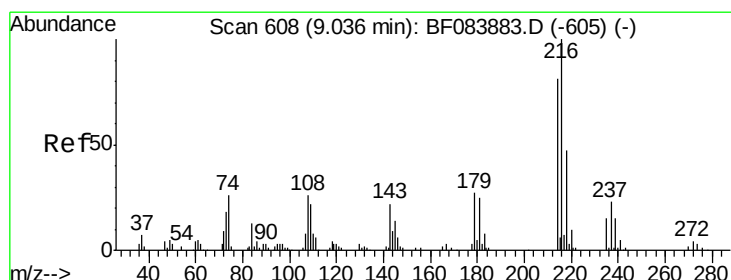
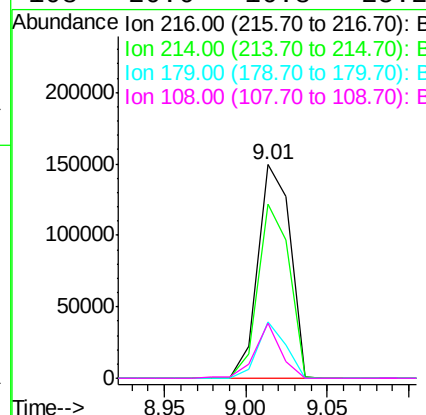
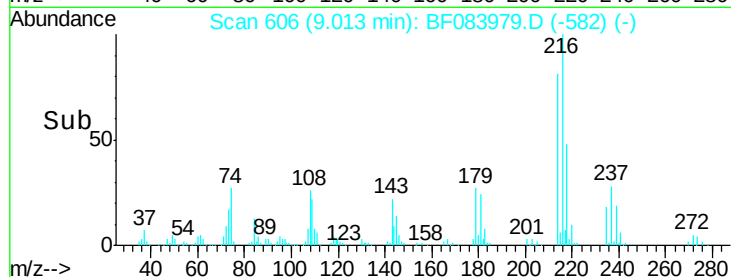
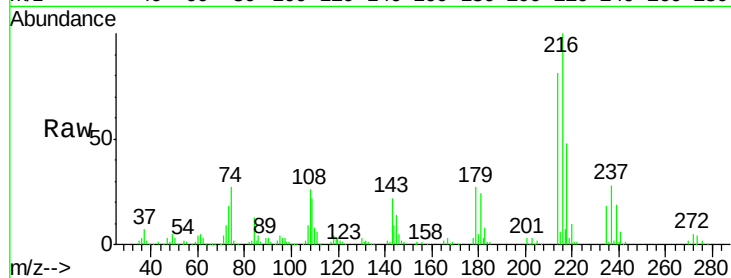
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.53 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Resp 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

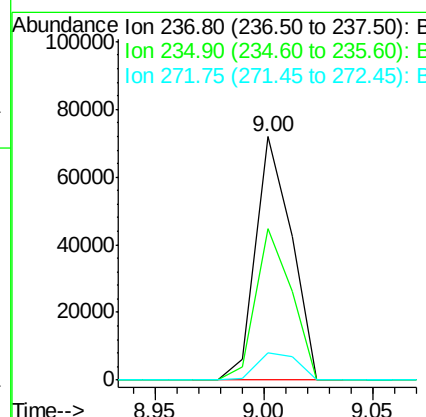
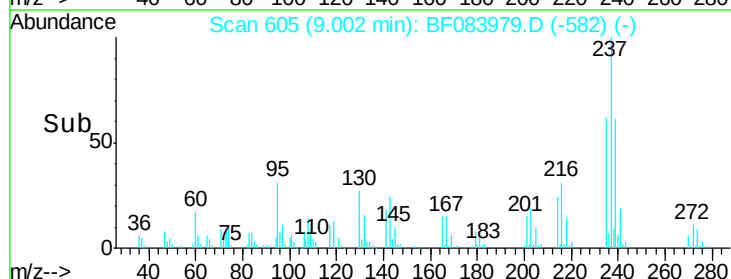
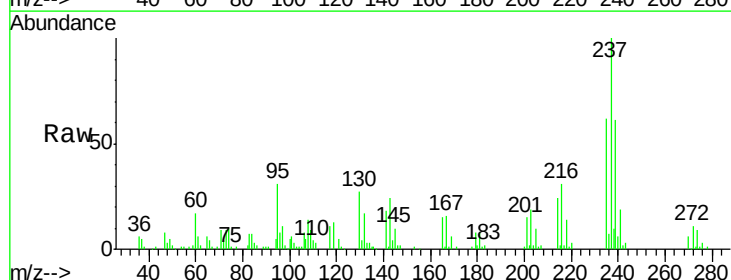
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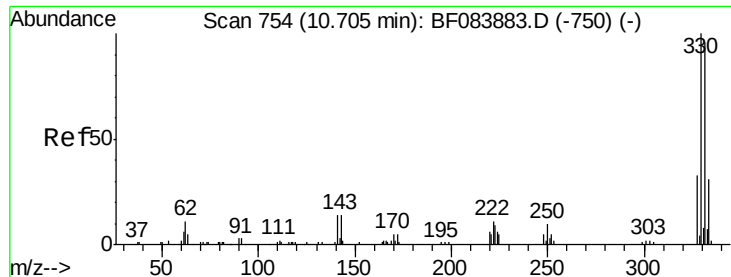
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#40
 Hexachlorocyclopentadiene
 Concen: 56.82 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	43.1	83.1
272	11.4	0.0	35.1





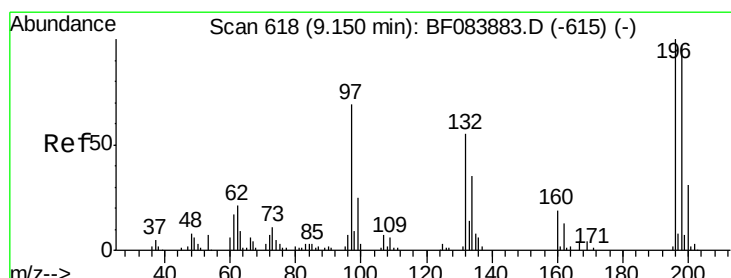
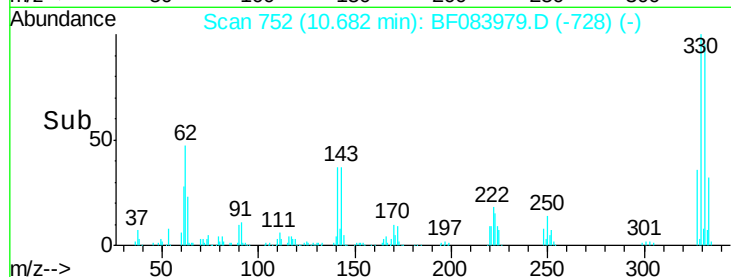
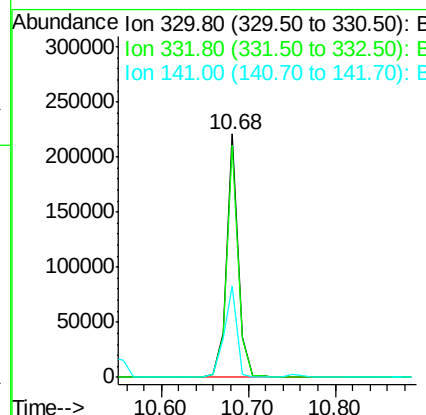
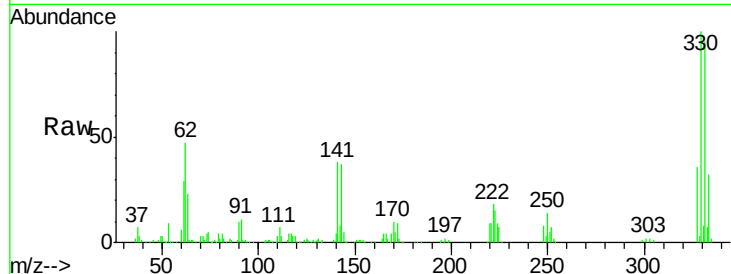
#41
 2,4,6-Tribromophenol
 Concen: 120.71 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

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

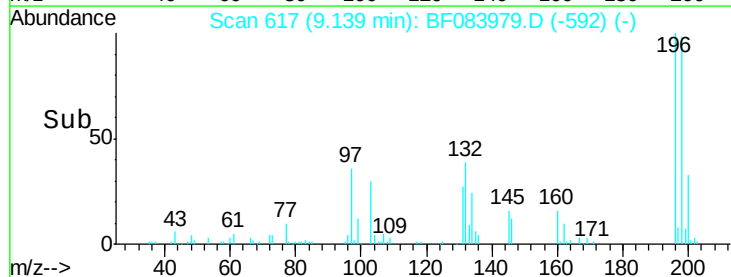
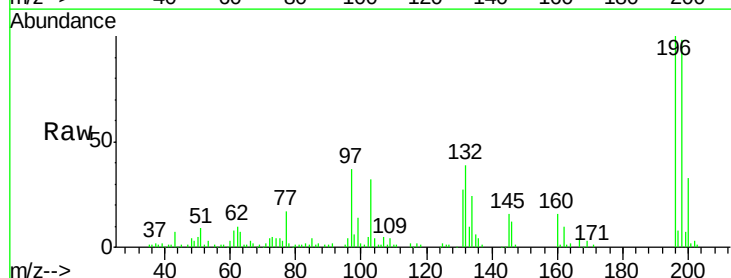
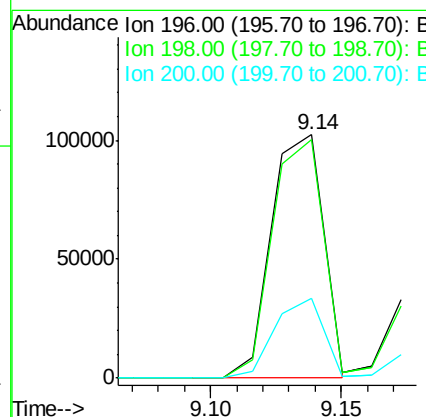
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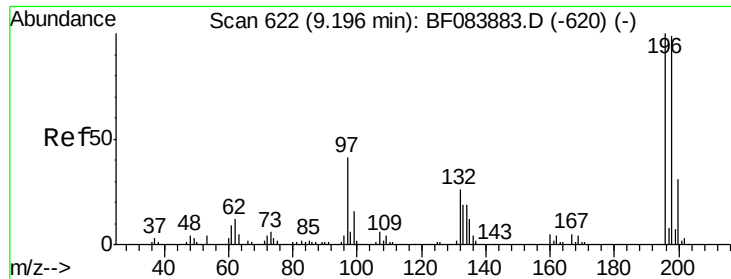
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 43.57 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

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





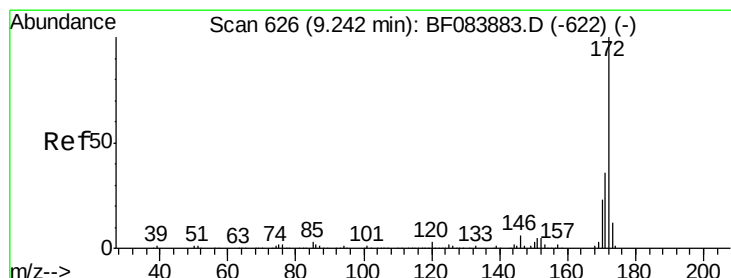
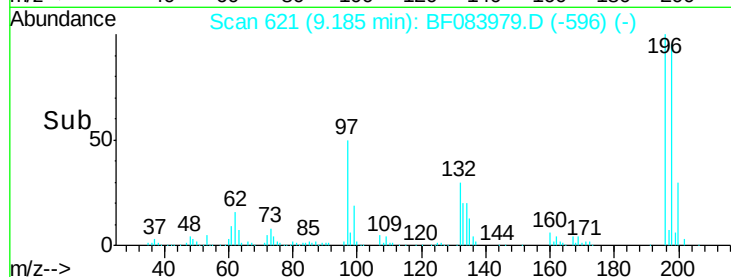
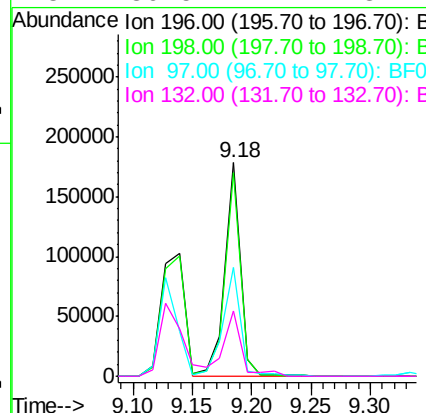
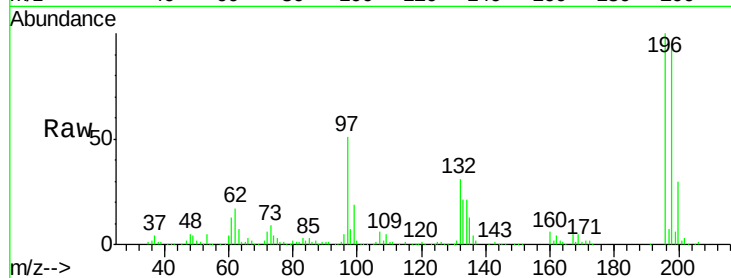
#43
 2,4,5-Trichlorophenol
 Concen: 49.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

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

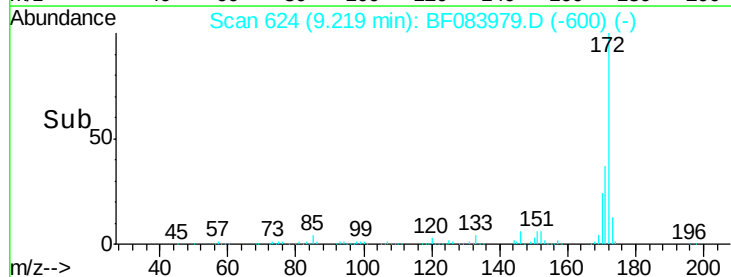
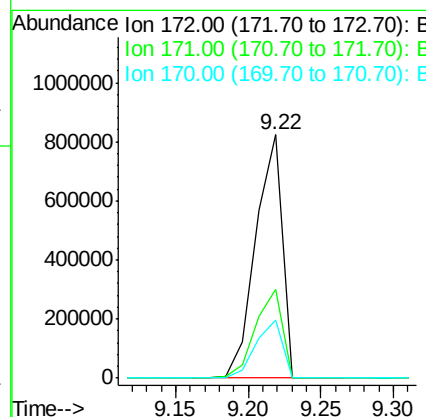
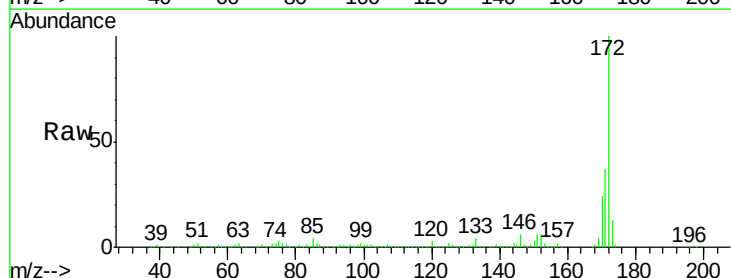
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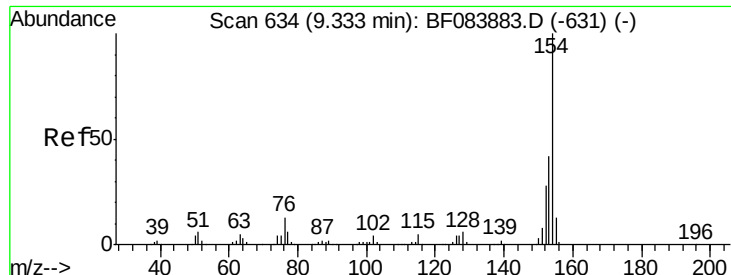
apatel
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#44
 2-Fluorobiphenyl
 Concen: 95.13 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

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





#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

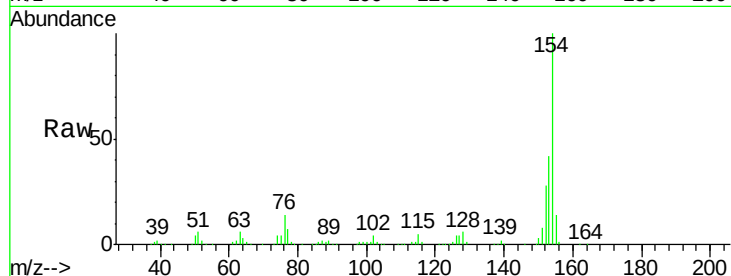
ClientSampleId :

WC121515-LIQUID-POPHMSD

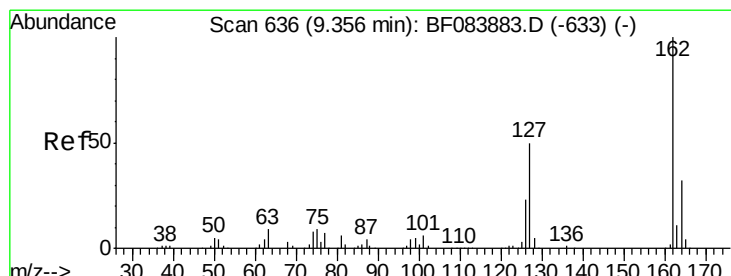
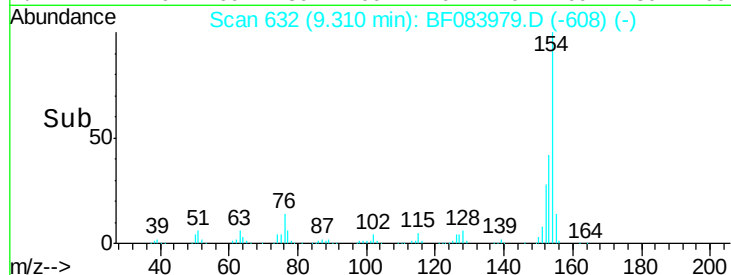
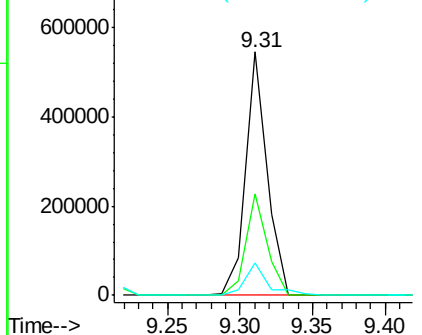
Tot Ion:	154	Resp:	560855
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.6	61.6
76	13.5	0.0	32.7

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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

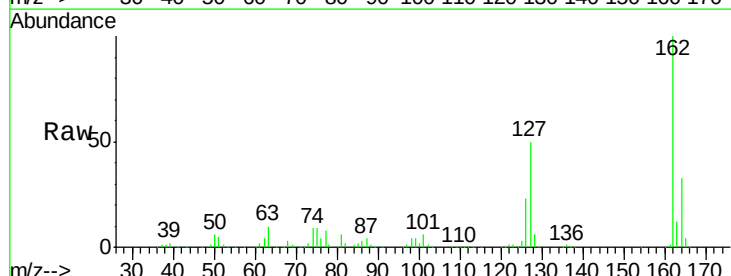
RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

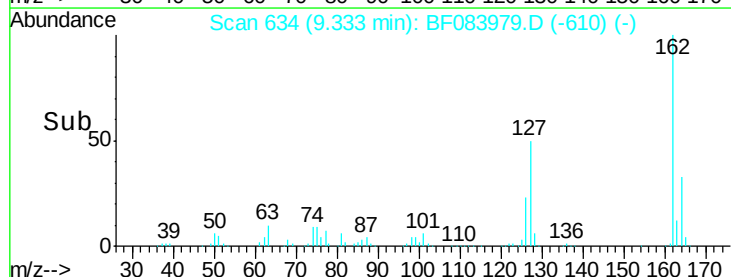
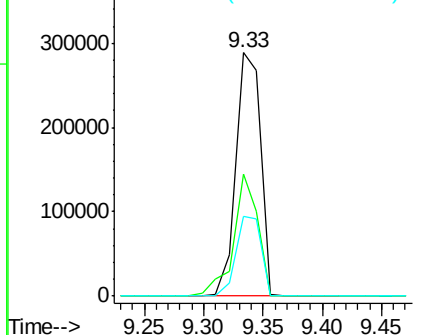
Lab File: BF083979.D

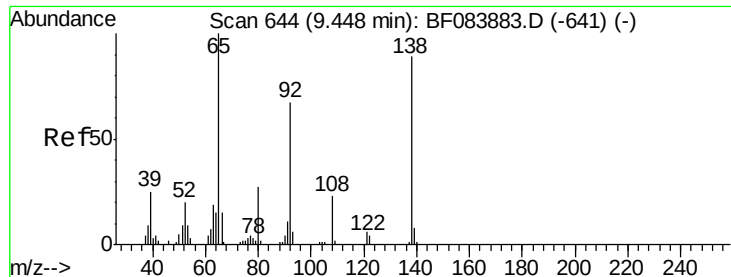
Acq: 20 Dec 2015 4:59

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

Tot Ion: 65 Resp: 140907
Ion Ratio Lower Upper

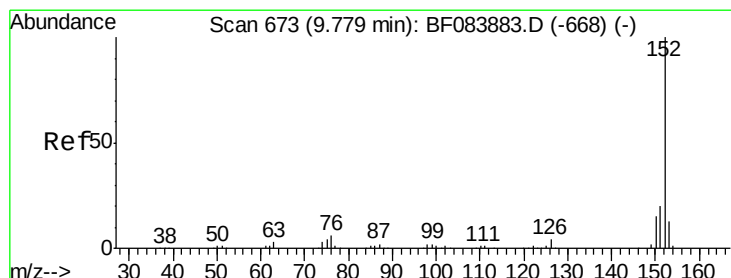
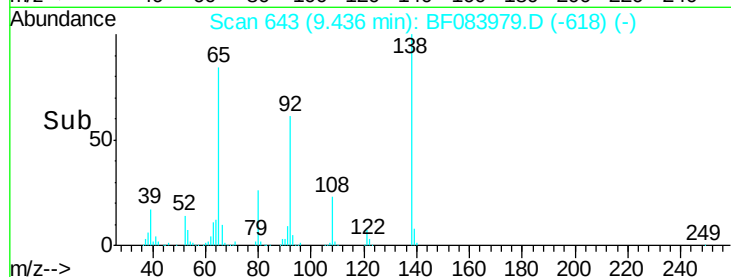
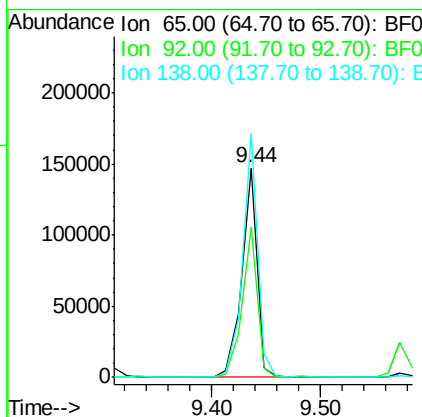
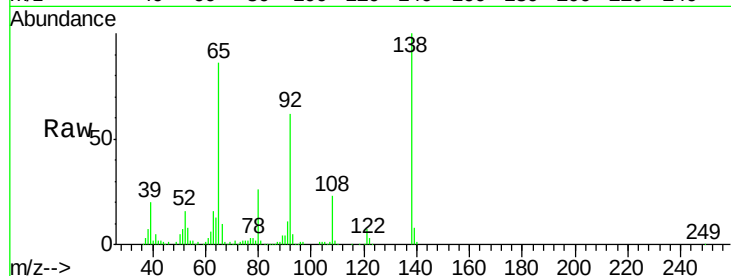
65 100

92 71.8 53.4 80.2

138 116.5 71.1 106.7#

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#48

Acenaphthylene

Concen: 43.91 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083979.D

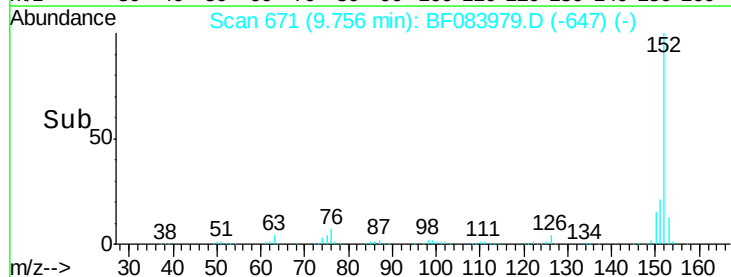
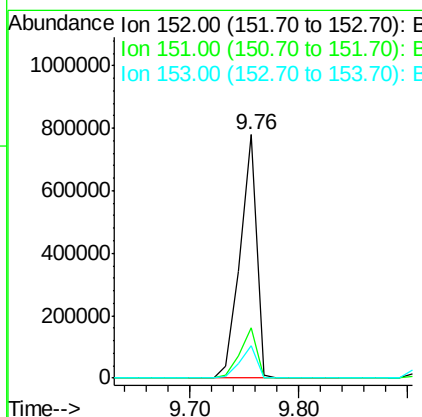
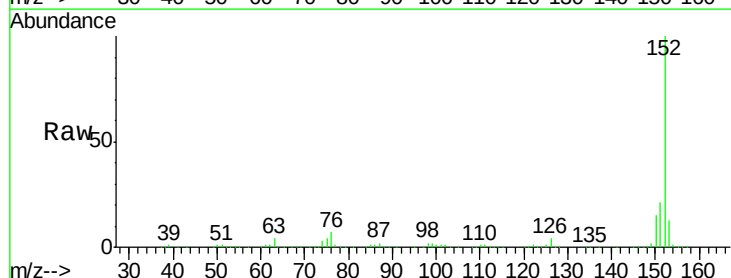
Acq: 20 Dec 2015 4:59

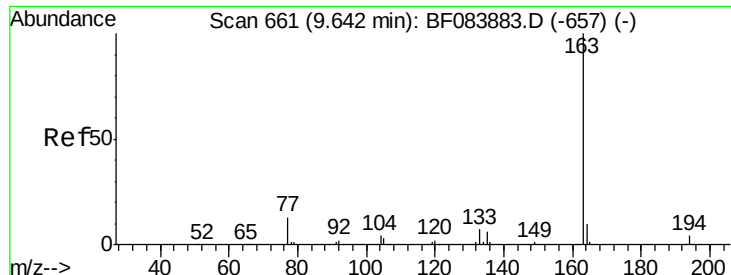
Tgt Ion: 152 Resp: 804846
Ion Ratio Lower Upper

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

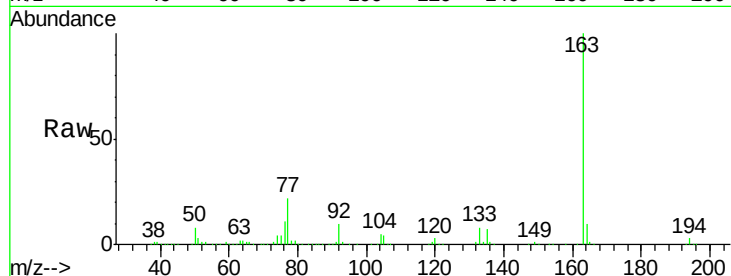
ClientSampleId :

WC121515-LIQUID-POPHMSD

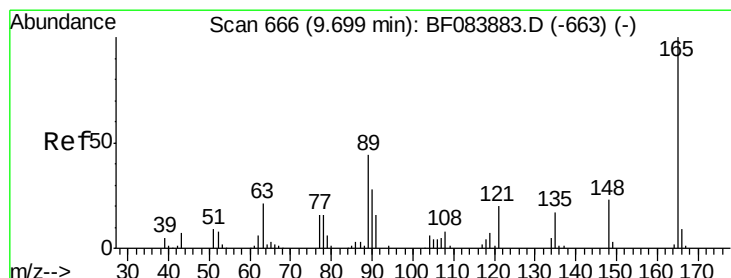
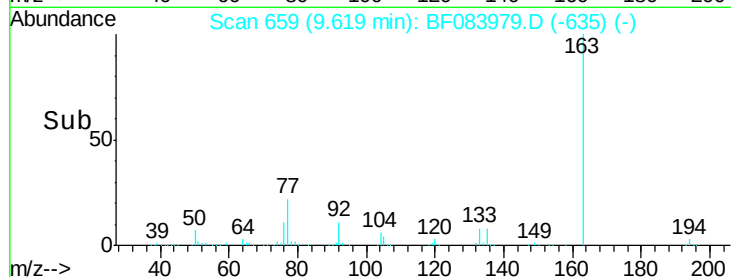
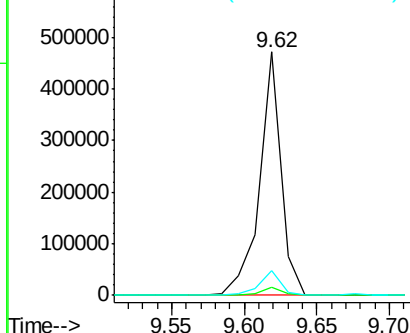
Tot Ion:	163	Resp:	484830
Ion Ratio		Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.3	8.0	12.0

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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

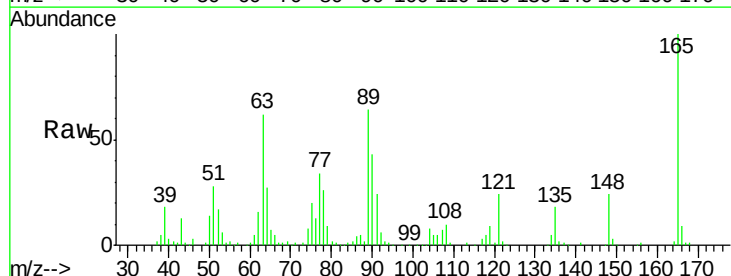
RT: 9.68 min Scan# 664

Delta R.T. -0.02 min

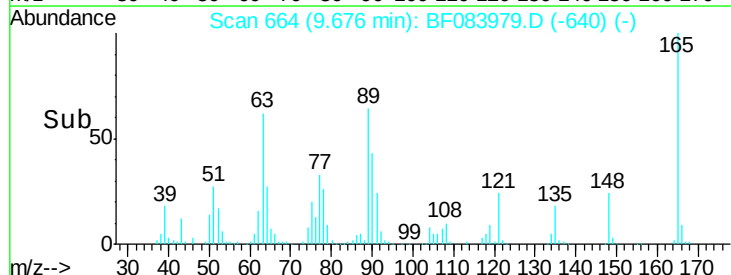
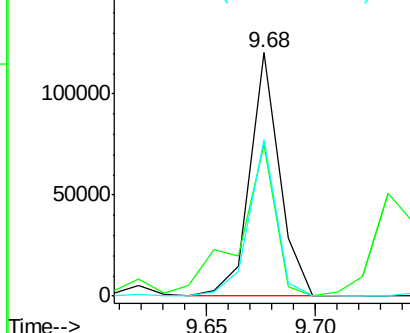
Lab File: BF083979.D

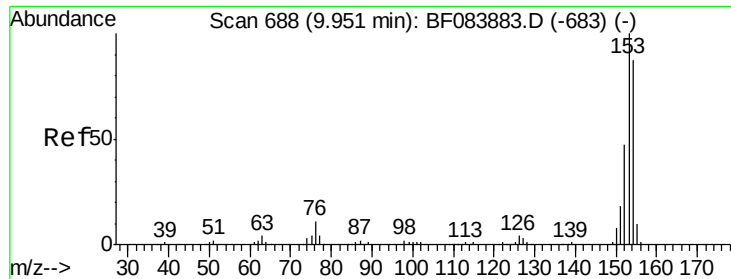
Acq: 20 Dec 2015 4:59

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





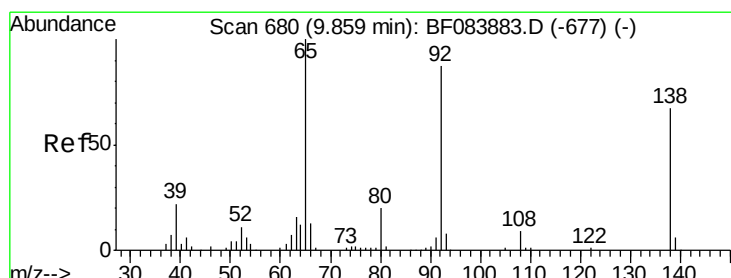
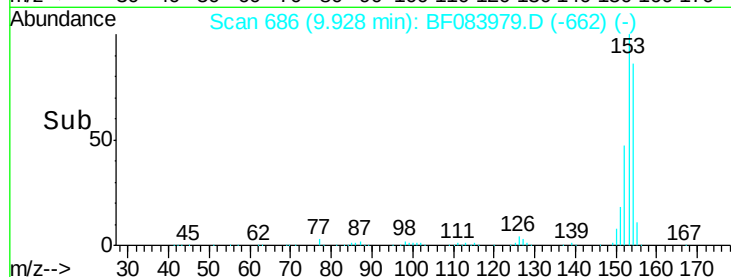
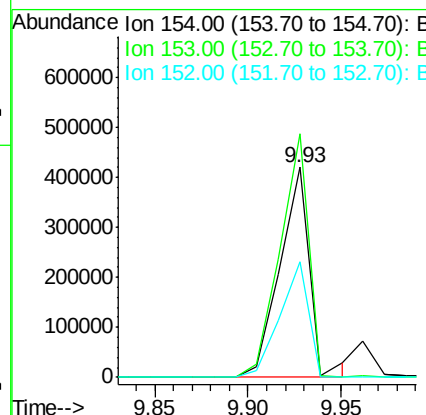
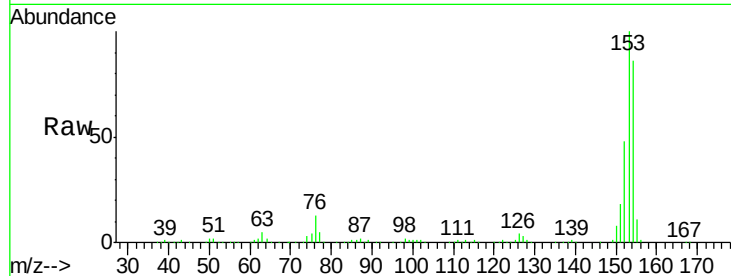
#51
Acenaphthene
Concen: 41.62 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.5	137.3
152	55.2	43.0	64.6

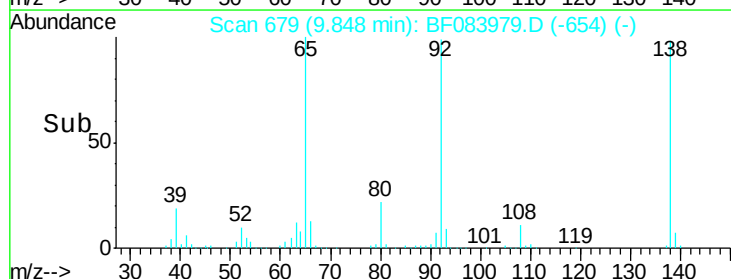
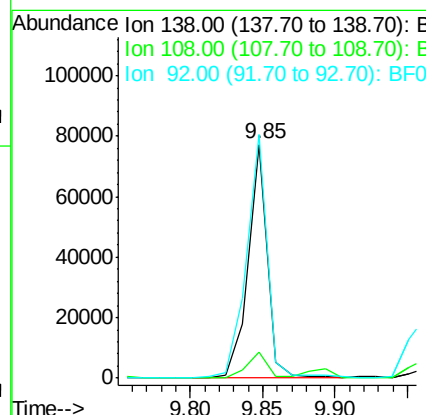
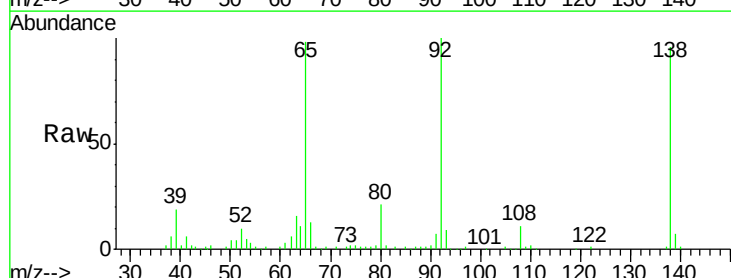
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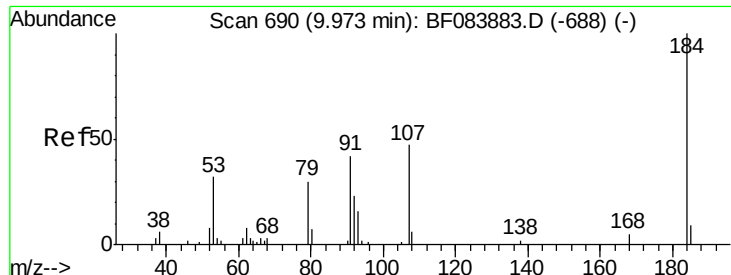
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#52
3-Nitroaniline
Concen: 23.55 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.5	15.7
92	104.1	103.9	155.9





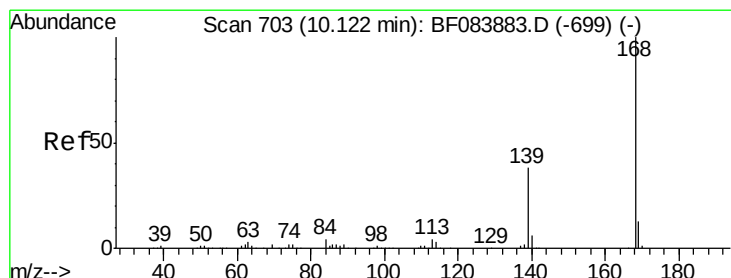
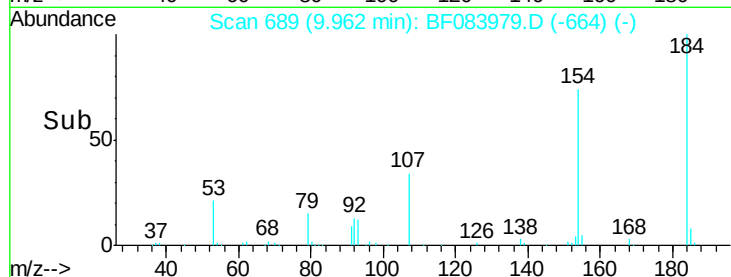
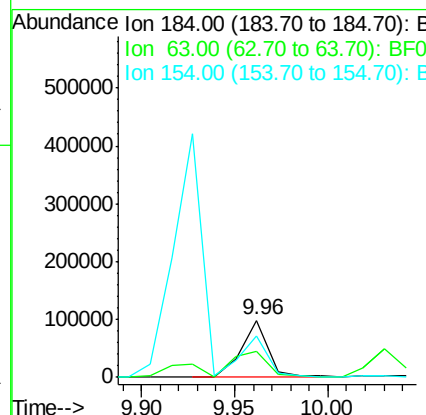
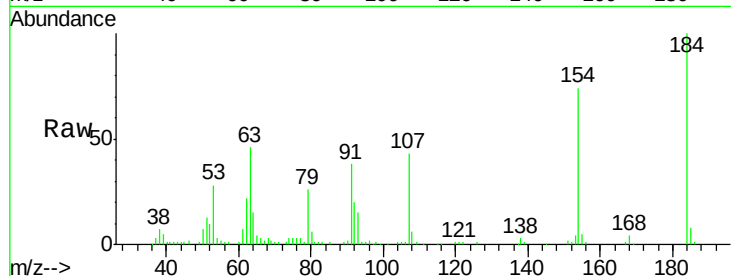
#53
2,4-Dinitrophenol
Concen: 95.58 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

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

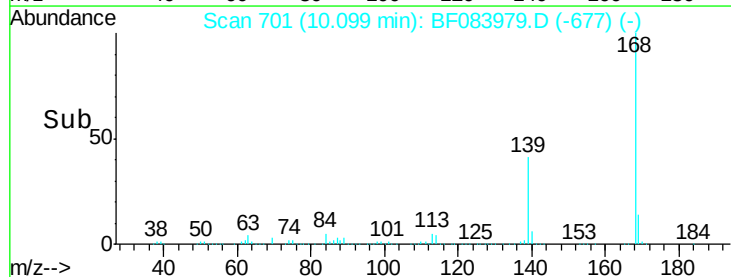
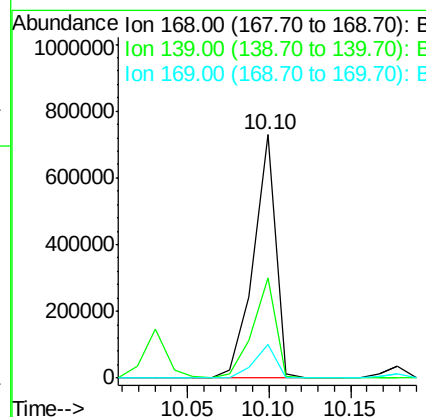
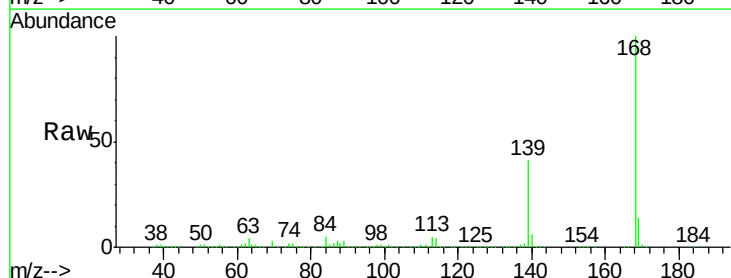
Manual Integrations
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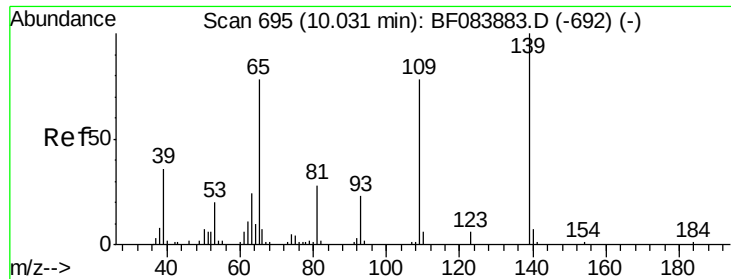
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#54
Dibenzofuran
Concen: 47.29 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

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





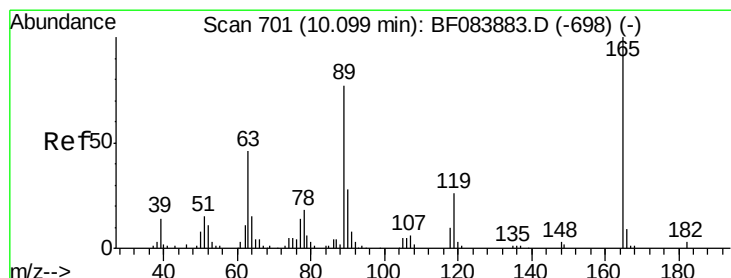
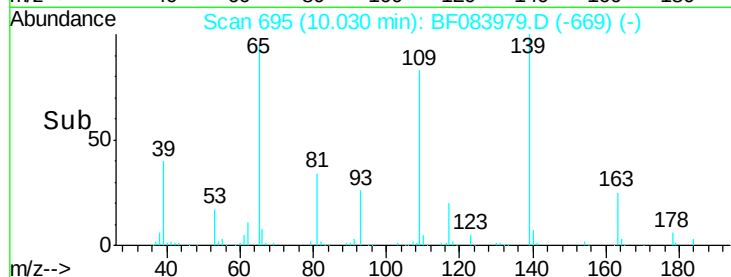
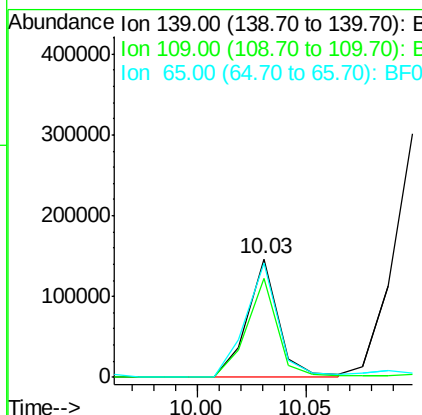
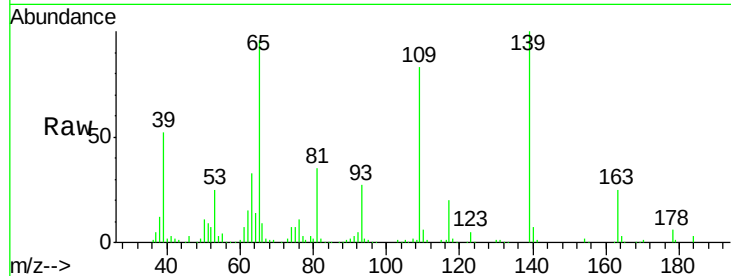
#55
4-Nitrophenol
Concen: 77.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.2	58.5	98.5	
65	96.4	57.6	97.6	

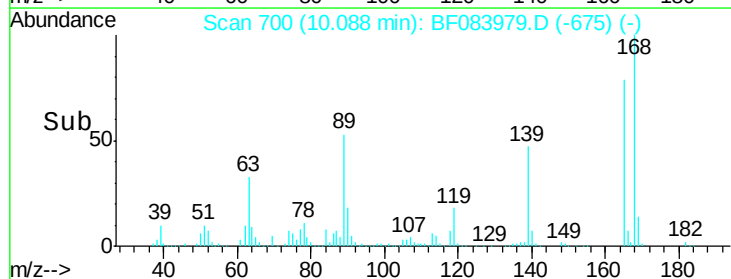
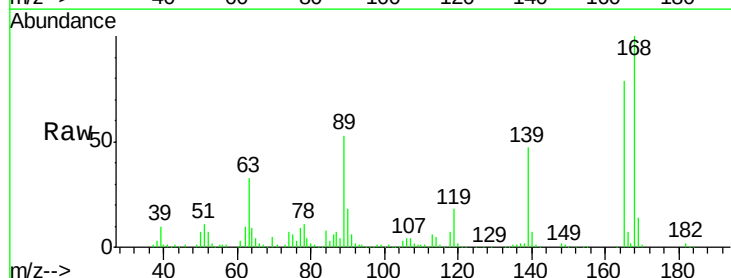
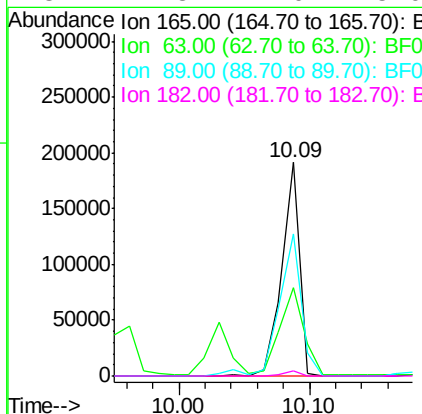
Manual Integrations
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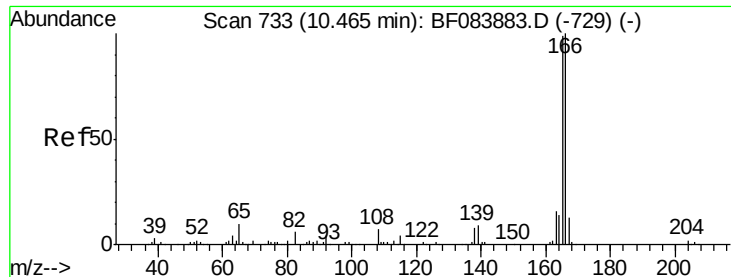
apatel
12/22/2015 12:17:37 PM



#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	Ratio	Resp	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	





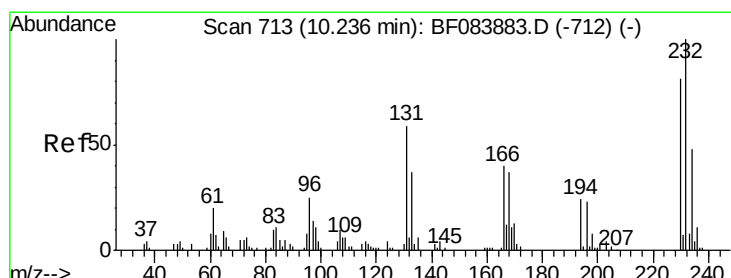
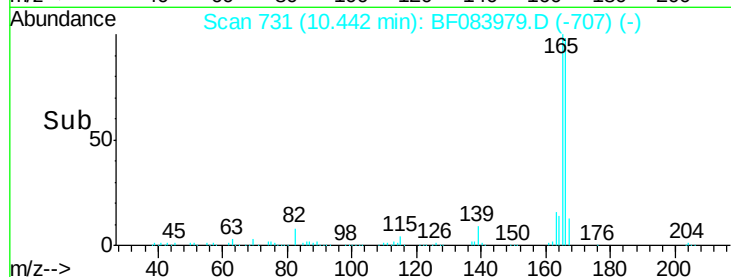
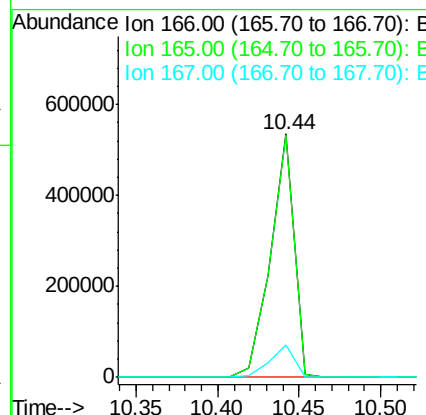
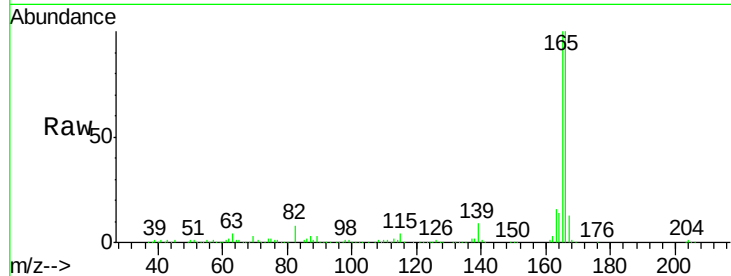
#57
 Fluorene
 Concen: 48.94 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

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

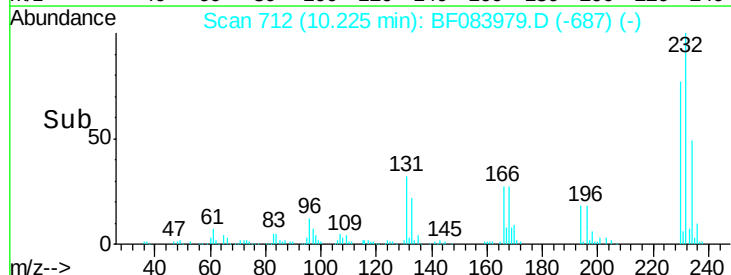
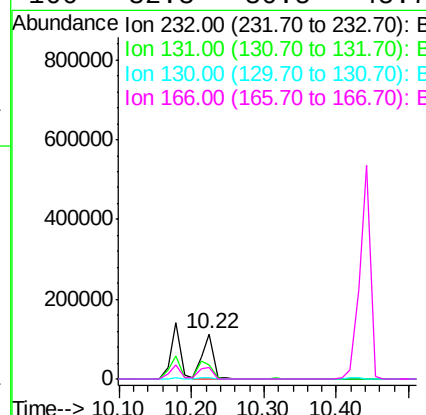
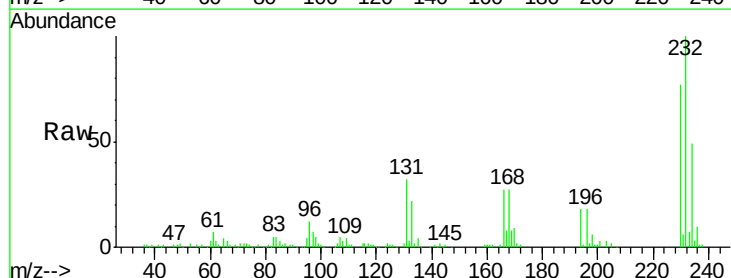
Manual Integrations
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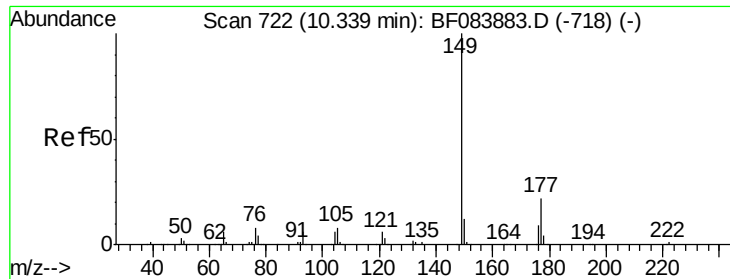
apatel
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.51 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

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





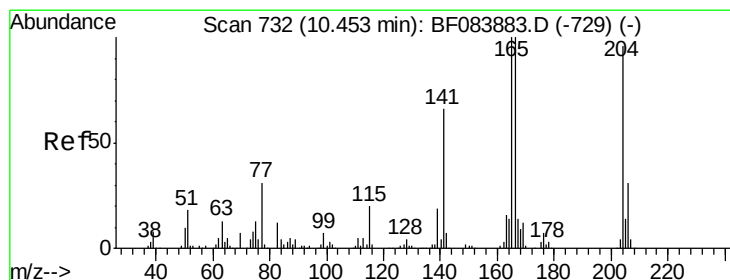
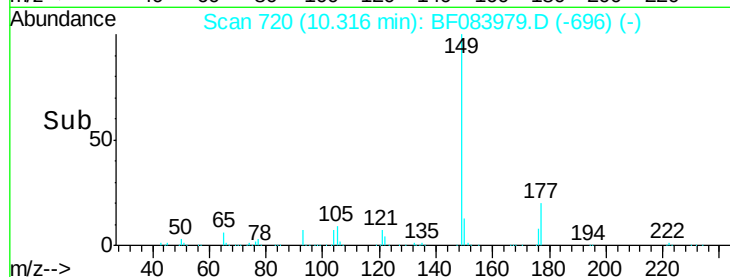
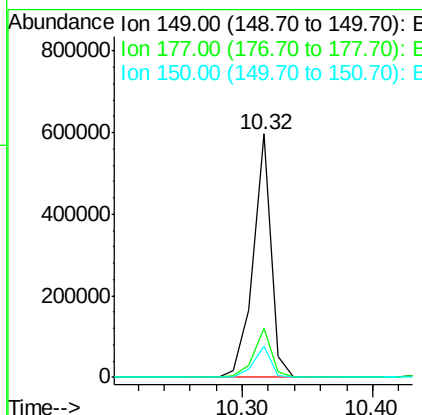
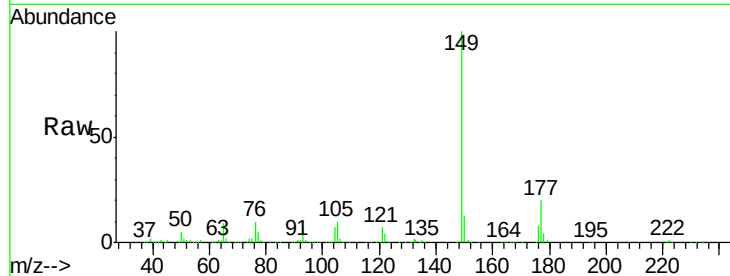
#59
Diethylphthalate
Concen: 41.79 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	570010		
177	20.3		17.3	25.9
150	12.9		9.8	14.8

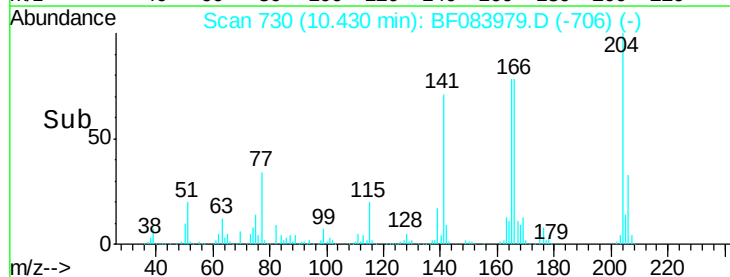
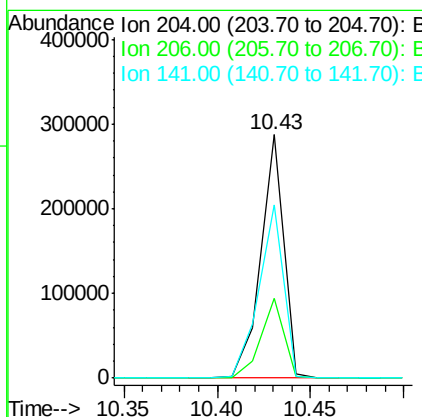
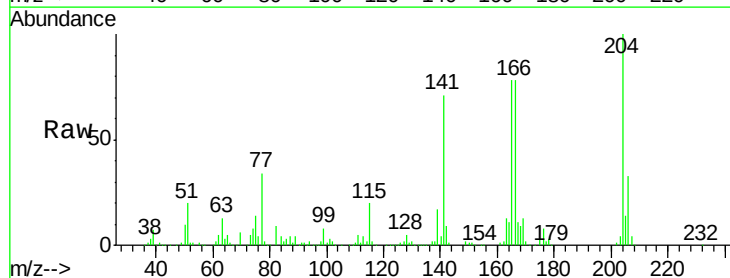
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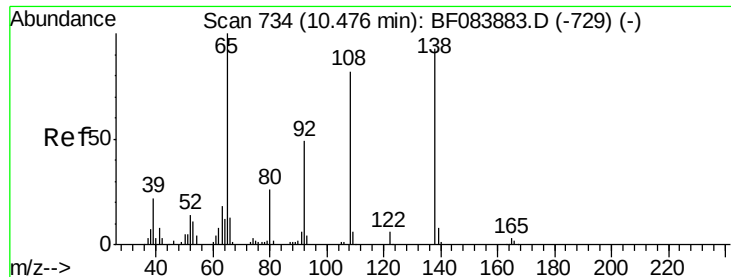
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#60
4-Chlorophenyl-phenylether
Concen: 43.34 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	243132		
206	32.7		25.7	38.5
141	71.0		55.1	82.7





#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

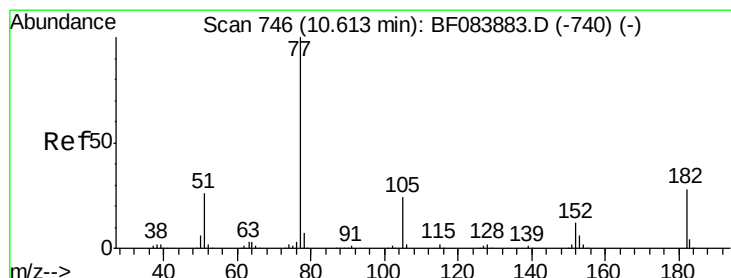
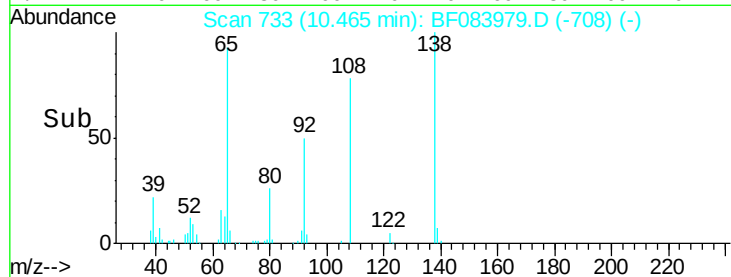
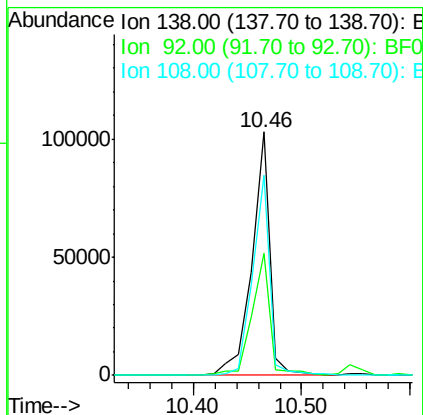
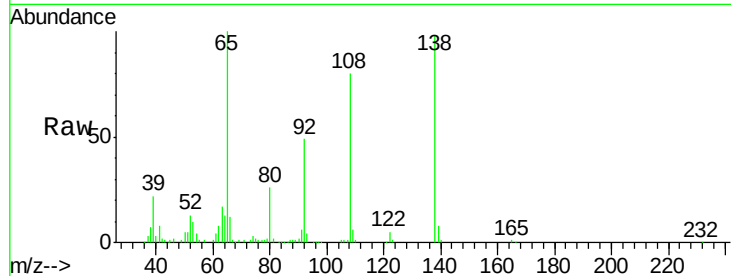
ClientSampleId :

WC121515-LIQUID-POPHMSD

Tot Ion:	138	Resp:	118444
Ion Ratio	Lower	Upper	
138	100		
92	50.4	32.6	72.6
108	82.4	68.6	108.6

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#62

Azobenzene

Concen: 48.50 ng

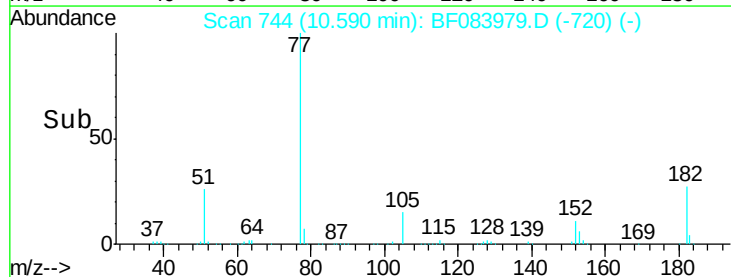
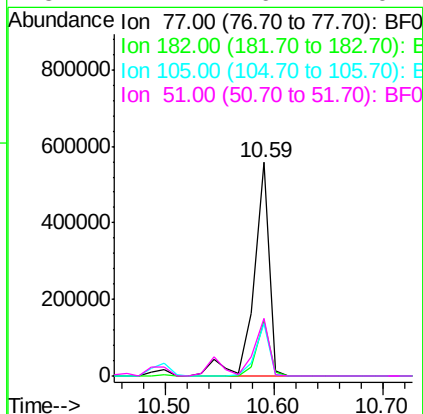
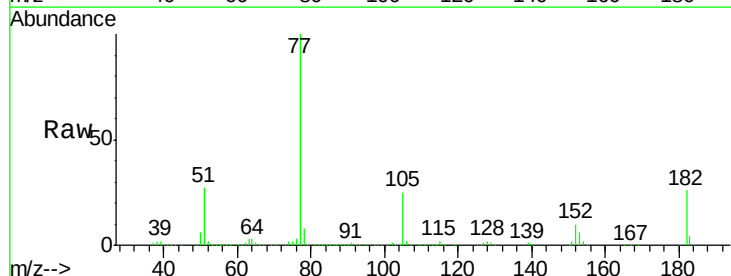
RT: 10.59 min Scan# 744

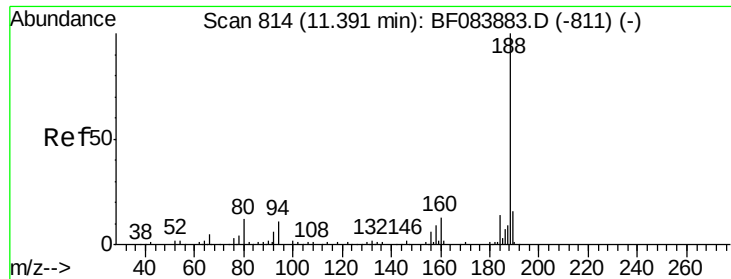
Delta R.T. -0.02 min

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





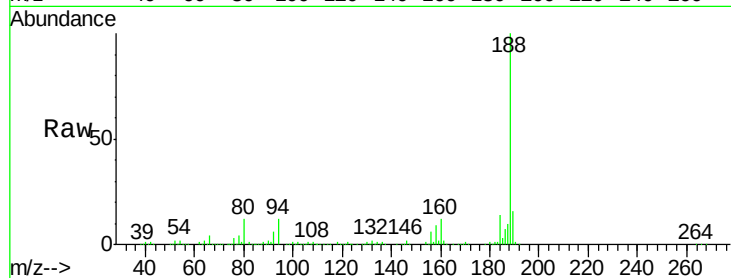
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

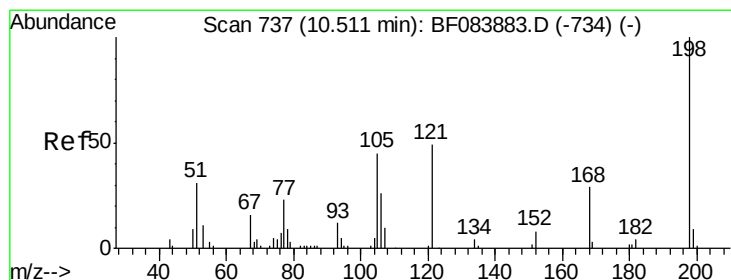
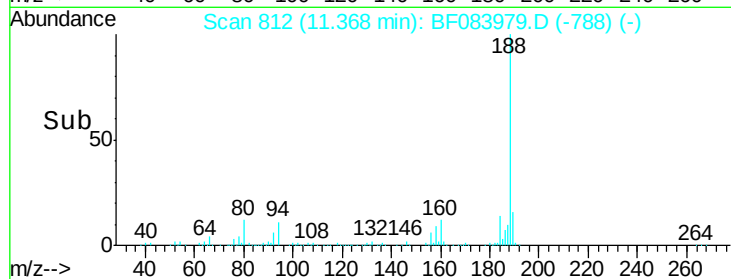
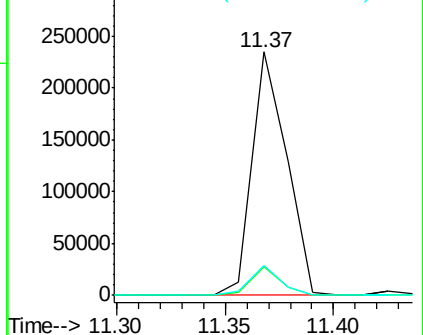
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	9.0	13.4
80	12.4	9.6	14.4

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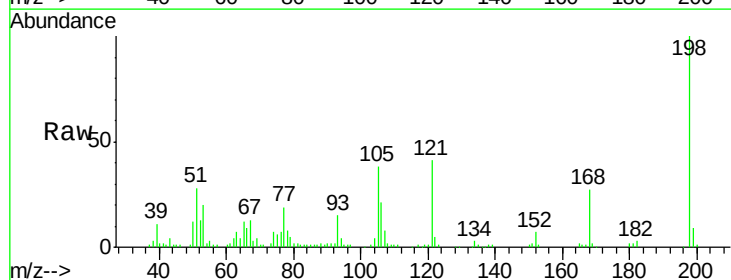


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

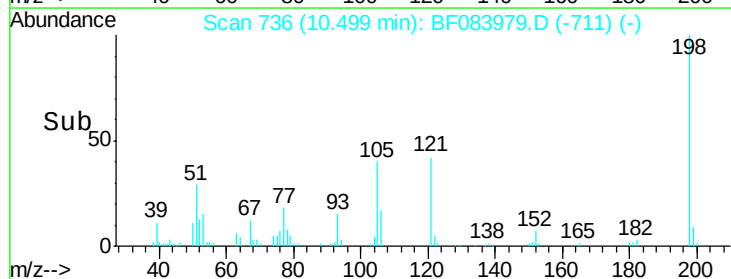
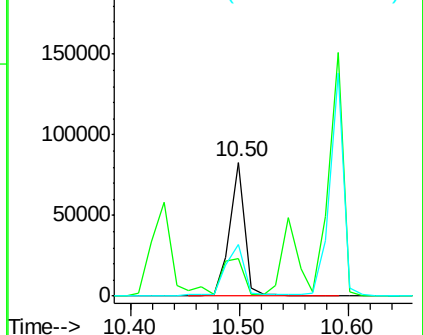


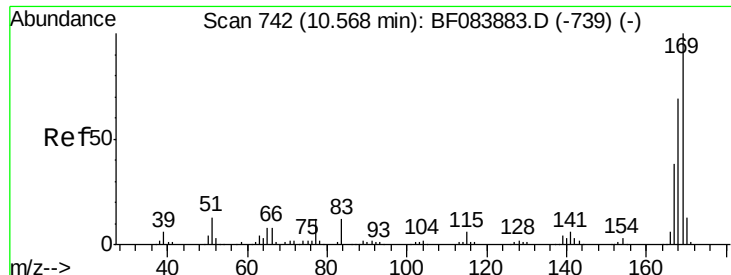
#64
4,6-Dinitro-2-methylphenol
Concen: 49.67 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Resp 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





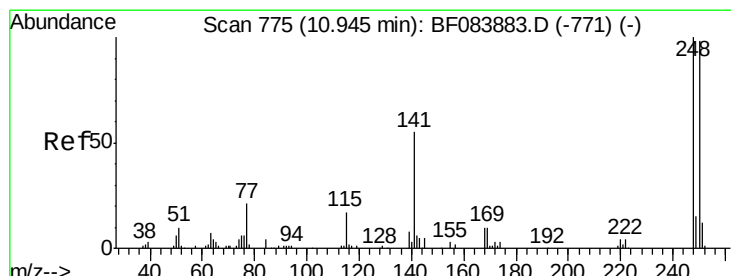
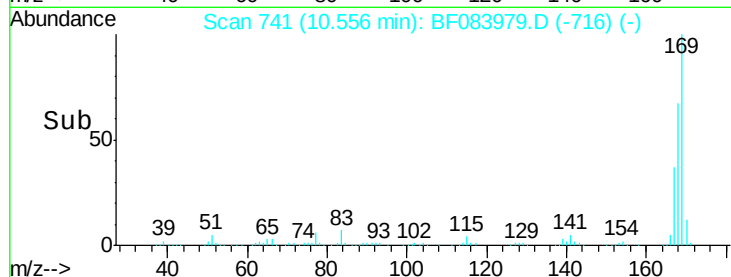
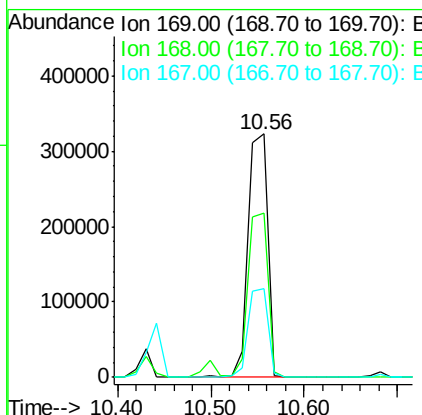
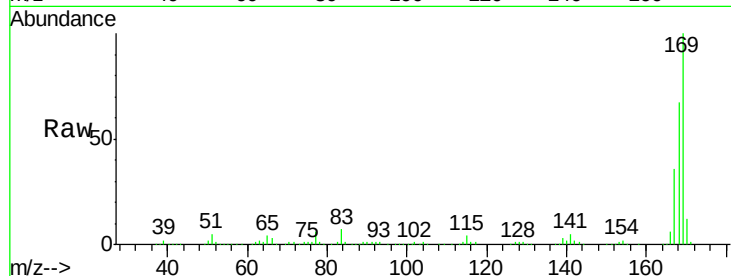
#65
 n-Nitrosodiphenylamine
 Concen: 49.09 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.1	82.7
167	36.5	30.0	45.0

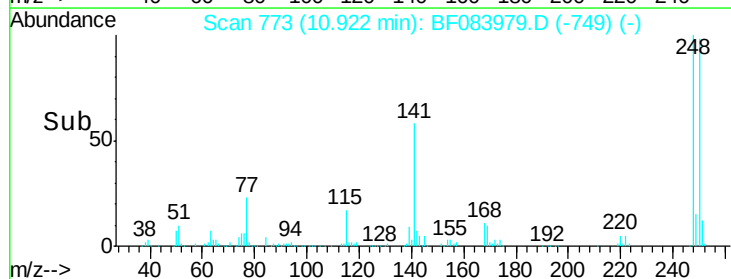
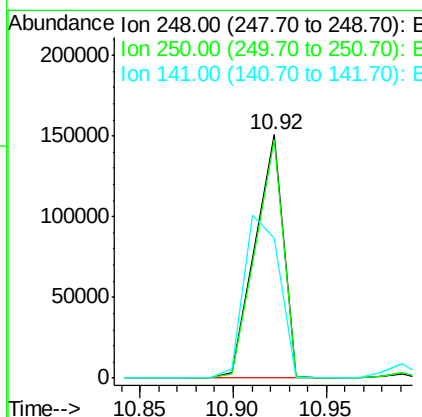
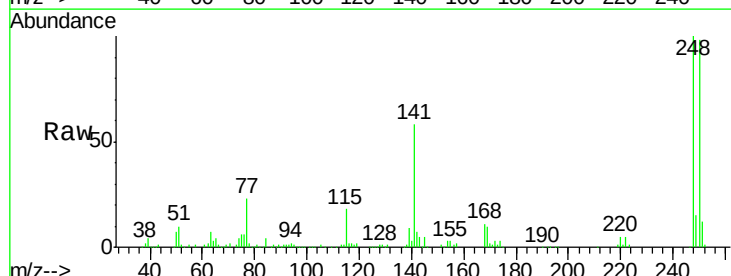
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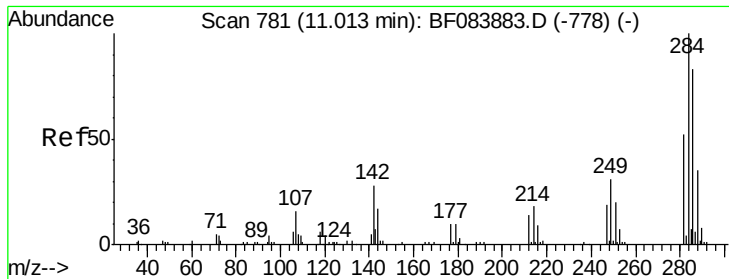
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#66
 4-Bromophenyl-phenylether
 Concen: 49.56 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion	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

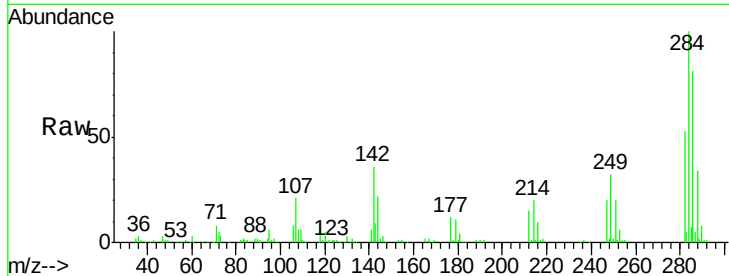
ClientSampleId :

WC121515-LIQUID-POPHMSD

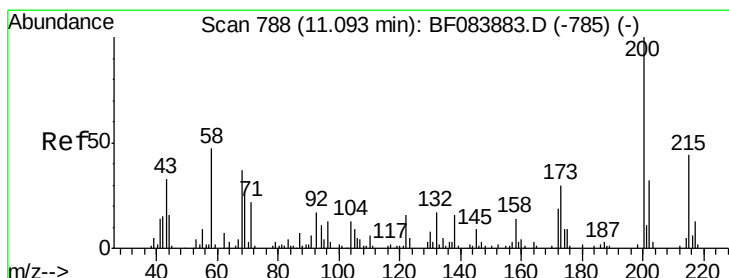
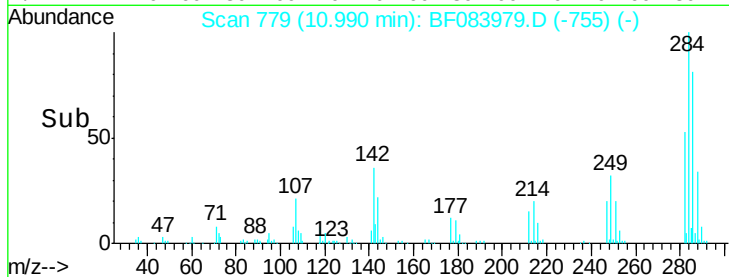
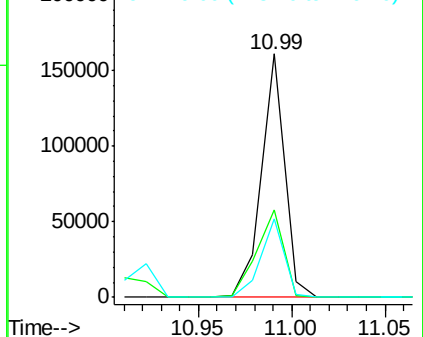
Tot Ion:	284	Resp:	137796
Ion Ratio		Lower	Upper
284	100		
142	35.7	22.2	33.4#
249	32.3	24.6	37.0

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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

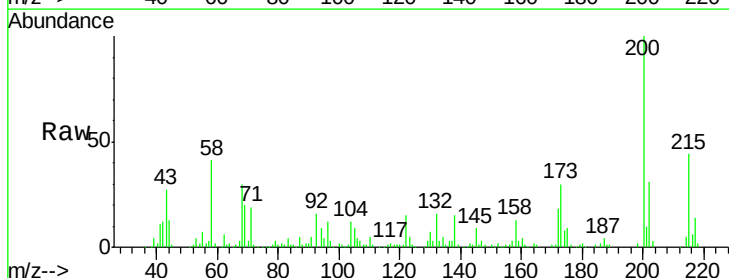
RT: 11.08 min Scan# 787

Delta R.T. -0.01 min

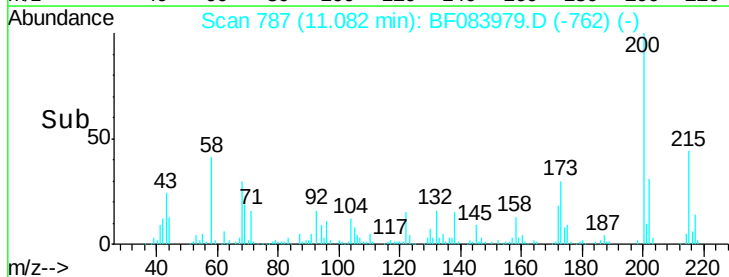
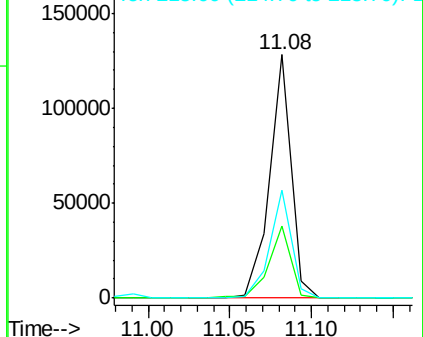
Lab File: BF083979.D

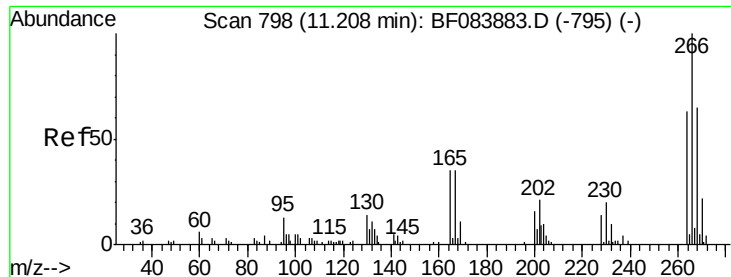
Acq: 20 Dec 2015 4:59

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





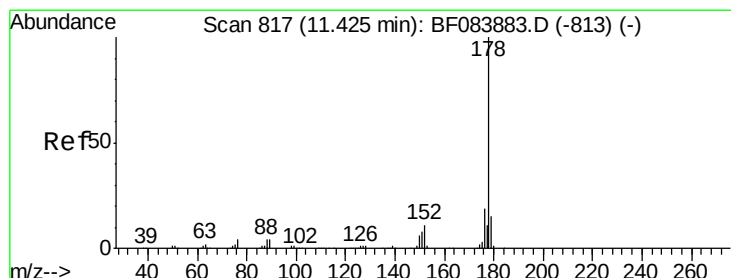
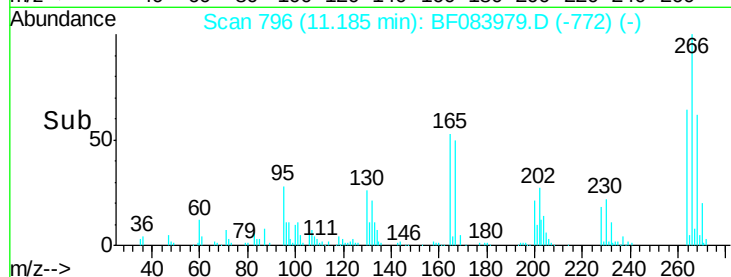
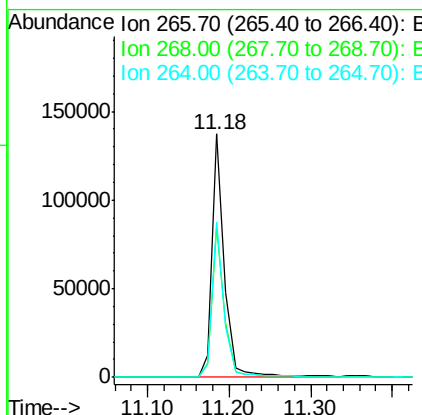
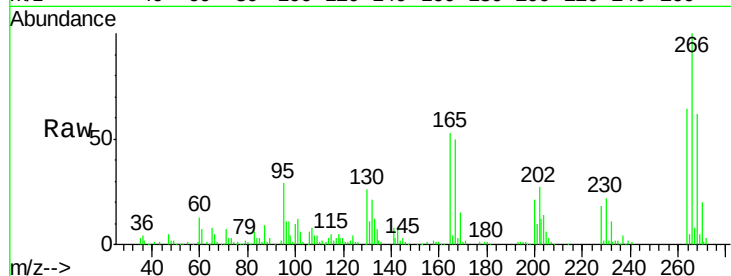
#69
 Pentachlorophenol
 Concen: 103.28 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	148737		
268	61.7	52.4	78.6	
264	63.8	50.2	75.2	

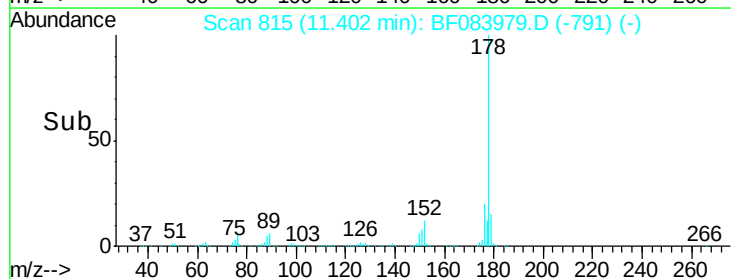
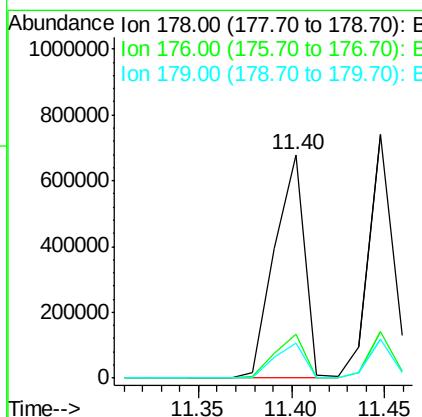
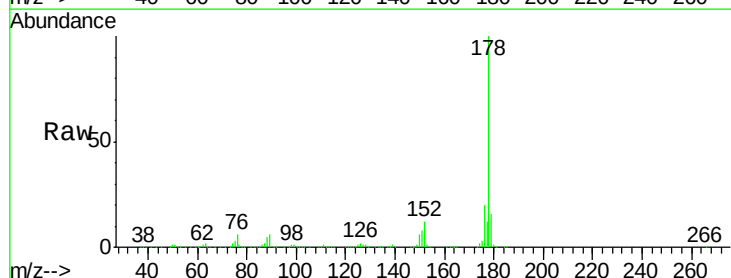
Manual Integrations
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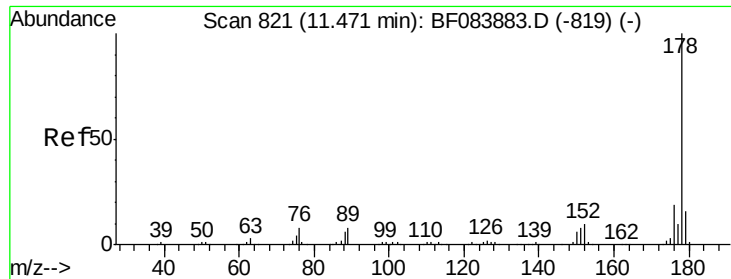
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#70
 Phenanthrene
 Concen: 48.20 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	757148		
176	19.5	15.3	22.9	
179	15.5	12.0	18.0	





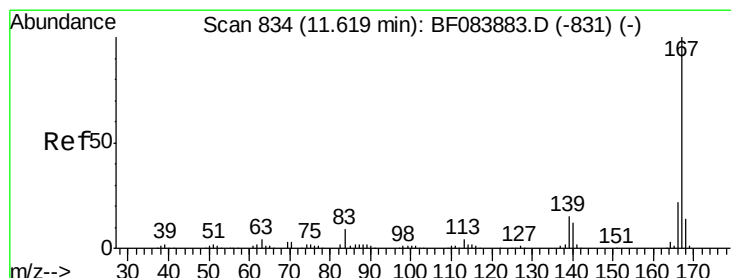
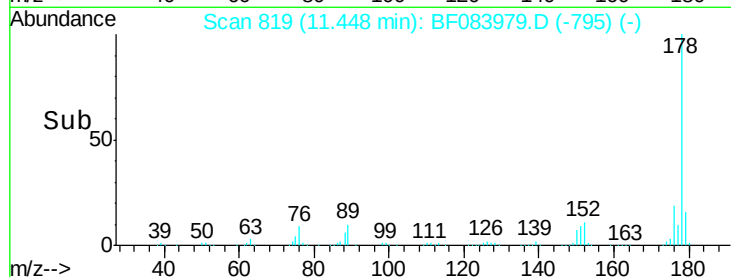
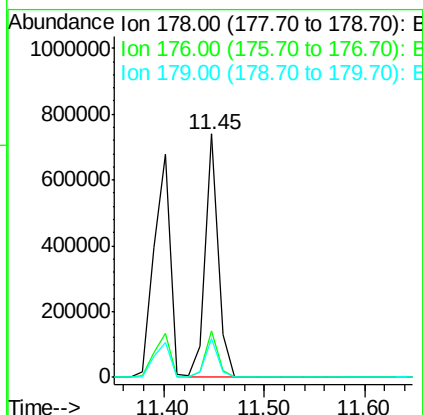
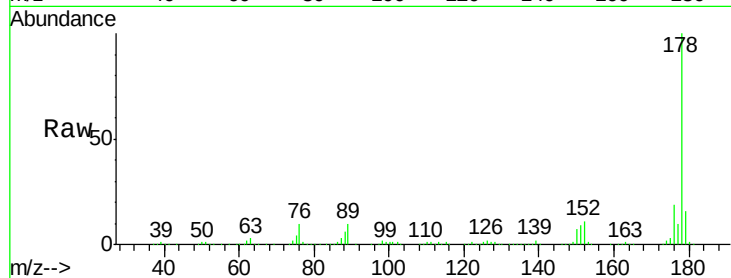
#71
 Anthracene
 Concen: 43.72 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

Instrument :
 BNA_F
 ClientSampleId :
 WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	16.0	12.5	18.7

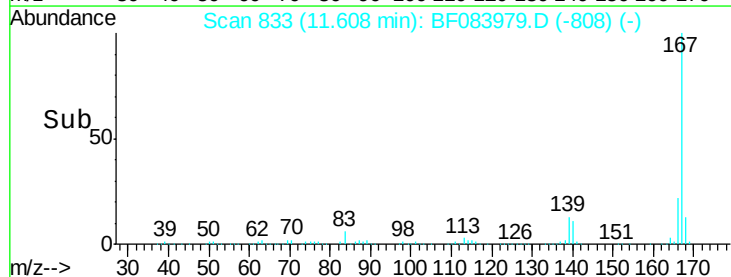
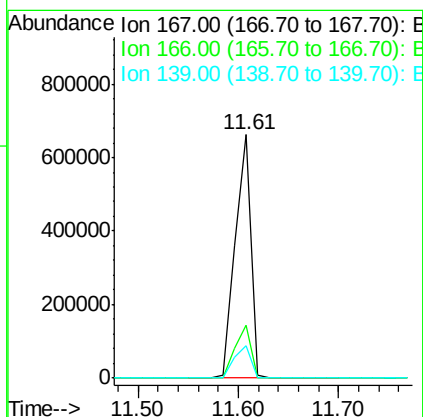
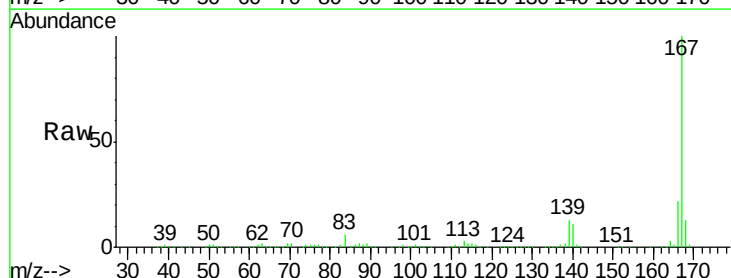
Manual Integrations
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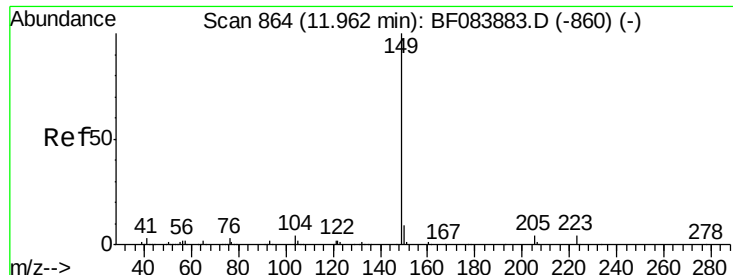
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#72
 Carbazole
 Concen: 47.96 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083979.D
 Acq: 20 Dec 2015 4:59

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





#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

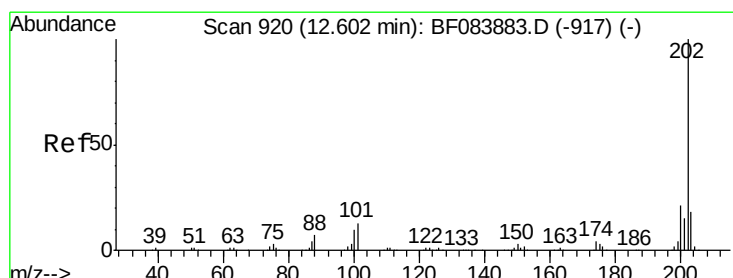
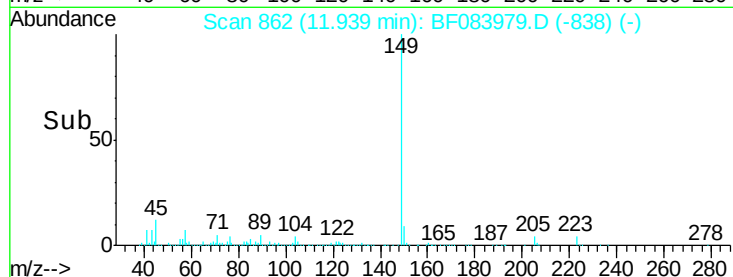
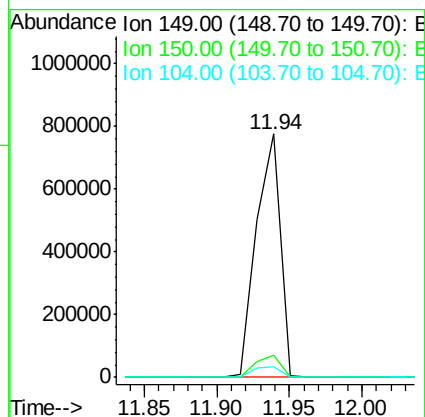
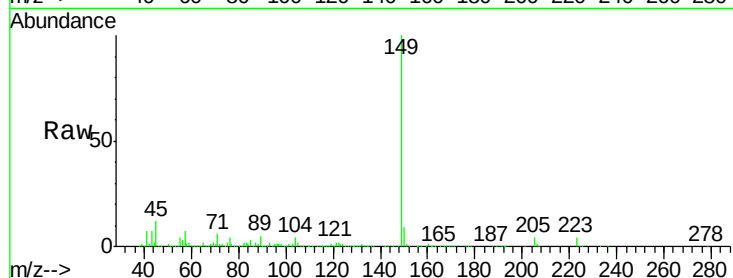
ClientSampleId :

WC121515-LIQUID-POPHMSD

Tot Ion:	149	Resp:	891721
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.1	10.7
104	4.2	3.2	4.8

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#74

Fluoranthene

Concen: 43.46 ng

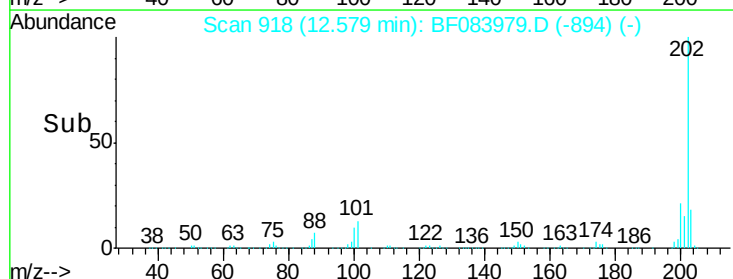
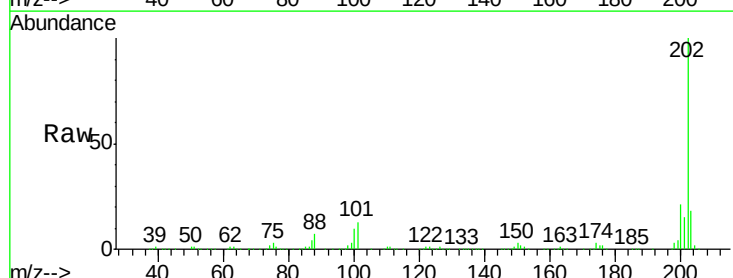
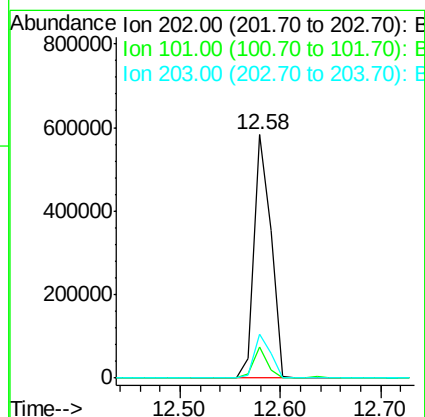
RT: 12.58 min Scan# 918

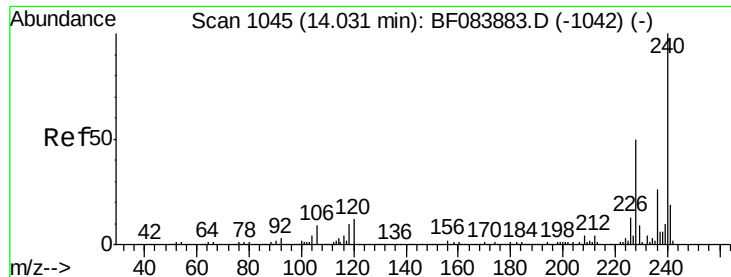
Delta R.T. -0.02 min

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





#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

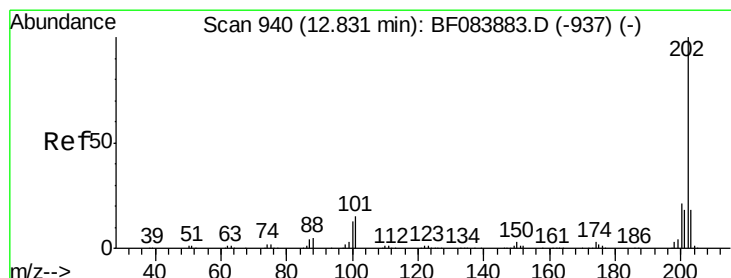
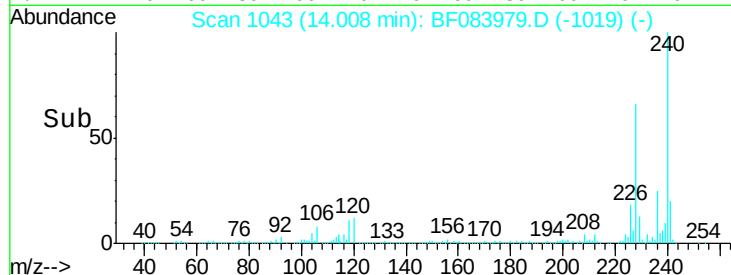
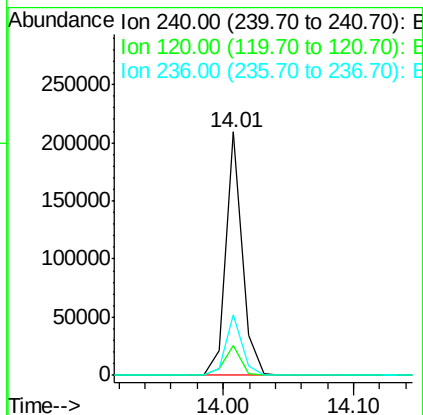
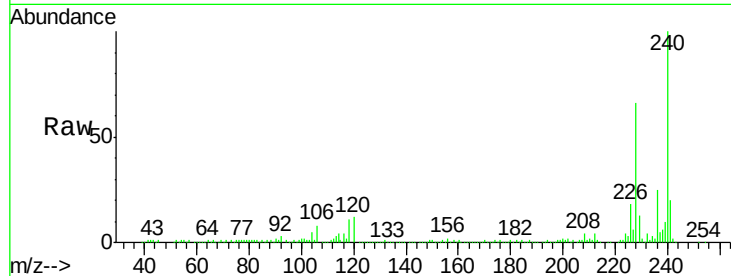
ClientSampleId :

WC121515-LIQUID-POPHMSD

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

Manual Integrations
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#77

Pyrene

Concen: 53.77 ng

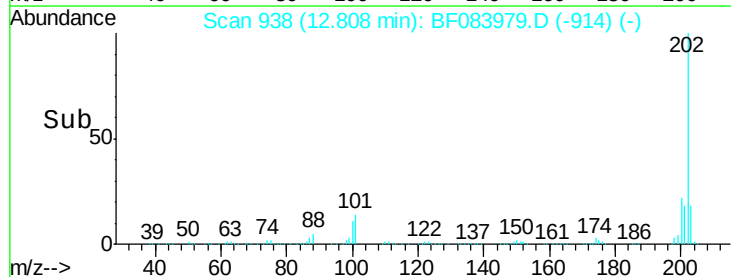
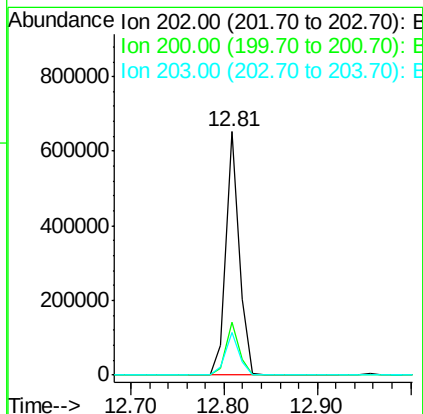
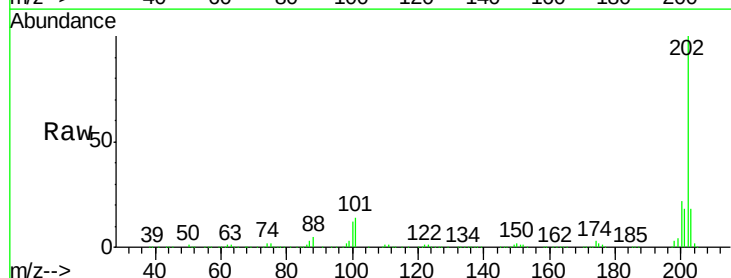
RT: 12.81 min Scan# 938

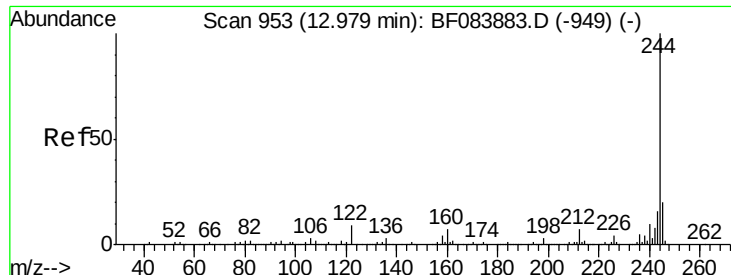
Delta R.T. -0.02 min

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

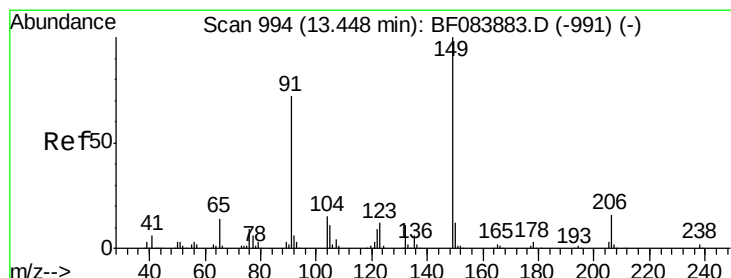
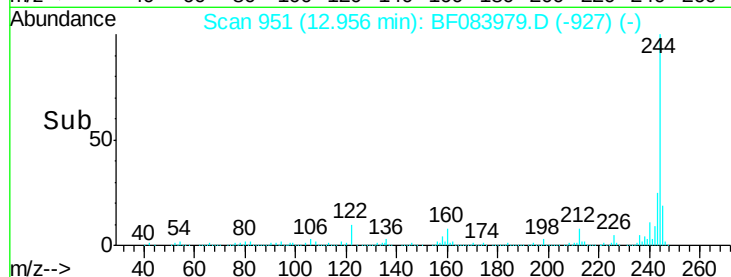
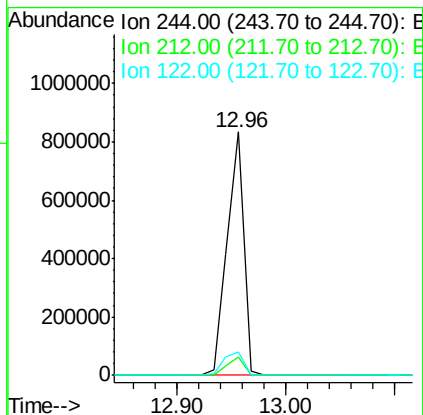
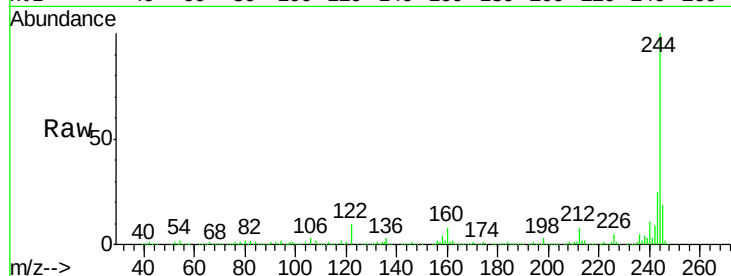
ClientSampleId :

WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	9.5	7.4	11.0

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 52.29 ng

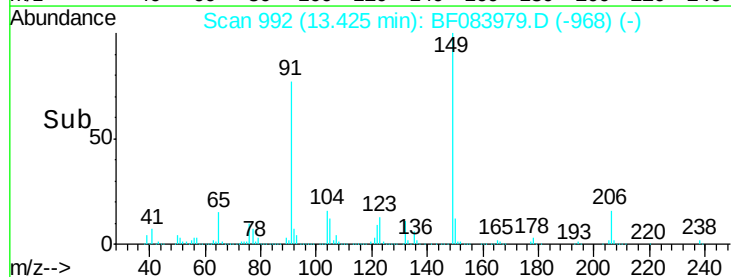
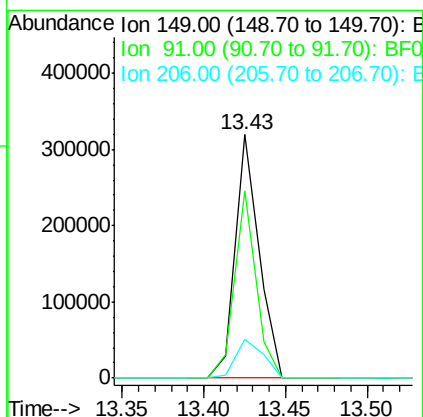
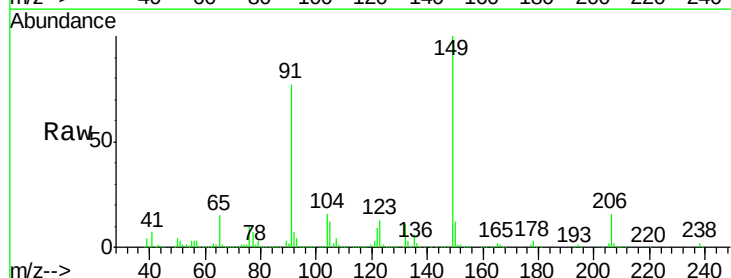
RT: 13.43 min Scan# 992

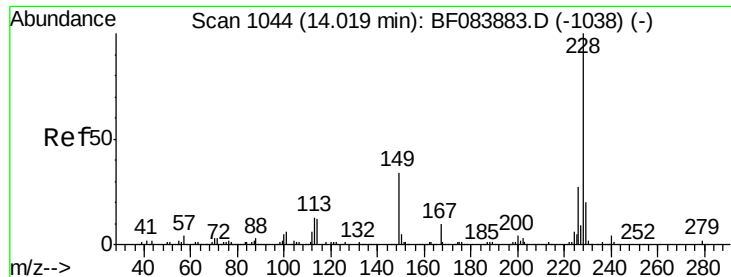
Delta R.T. -0.02 min

Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.2	57.6	86.4
206	15.9	13.2	19.8





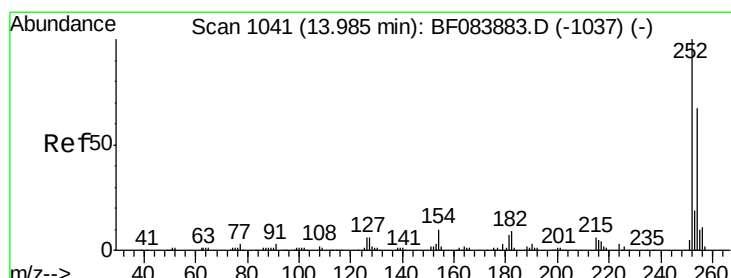
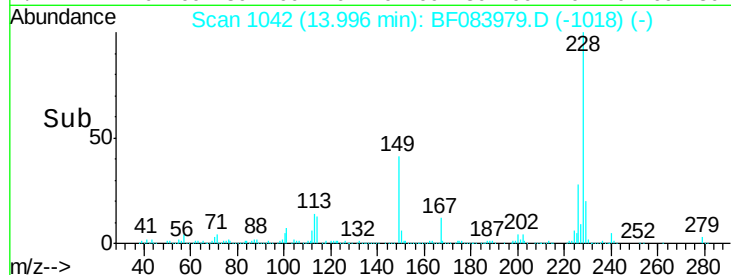
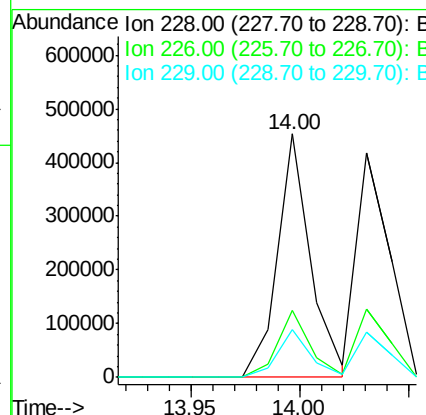
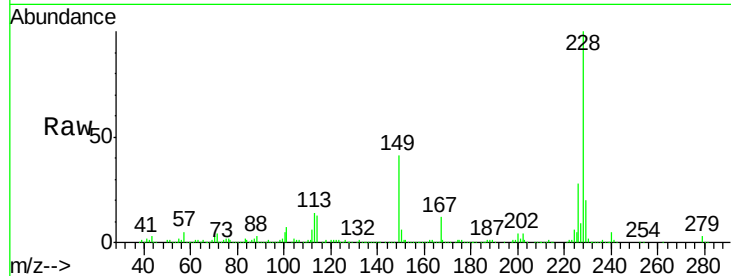
#80
Benzo(a)anthracene
Concen: 42.63 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.6
229	19.8	15.8	23.8

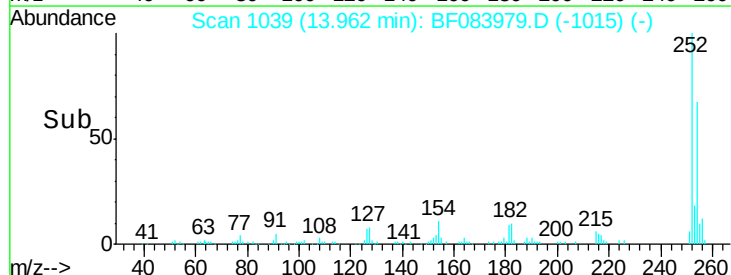
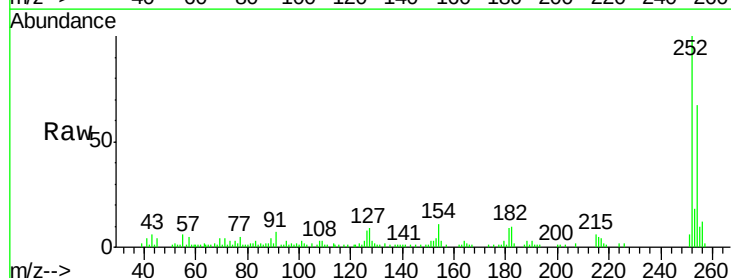
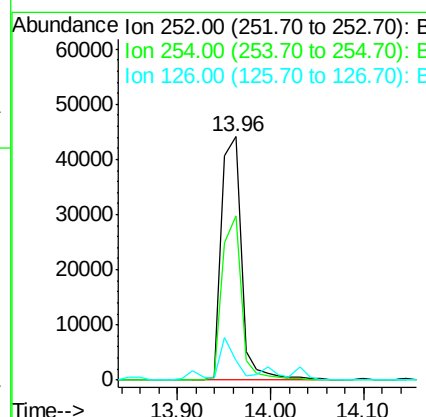
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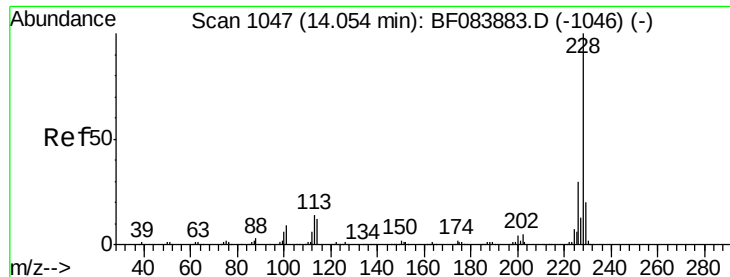
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#81
3,3'-Dichlorobenzidine
Concen: 15.65 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.3	53.5	80.3
126	8.2	4.9	7.3





#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

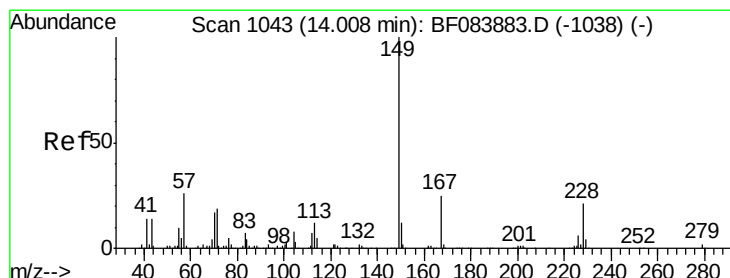
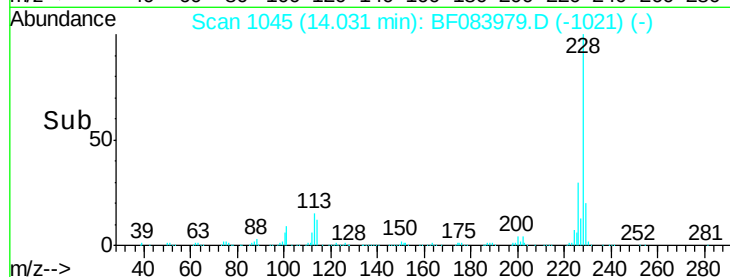
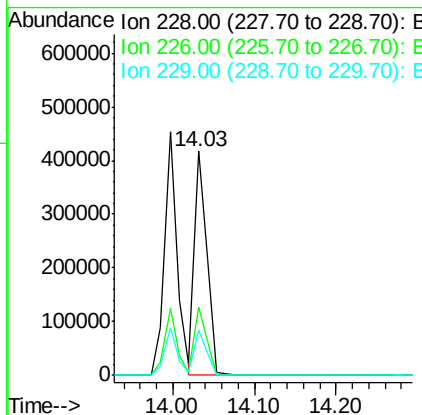
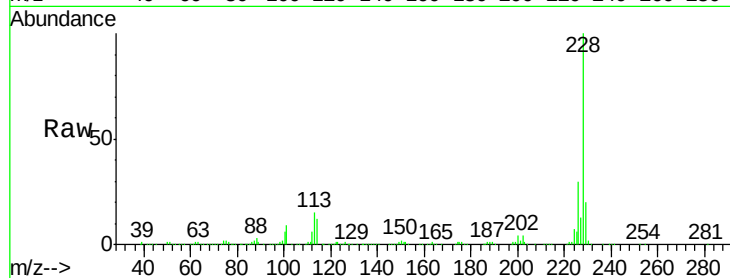
ClientSampleId :

WC121515-LIQUID-POPHMSD

Tot Ion:	228	Resp:	445835
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	20.2	16.1	24.1

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#83

Bis(2-ethylhexyl)phthalate

Concen: 52.68 ng

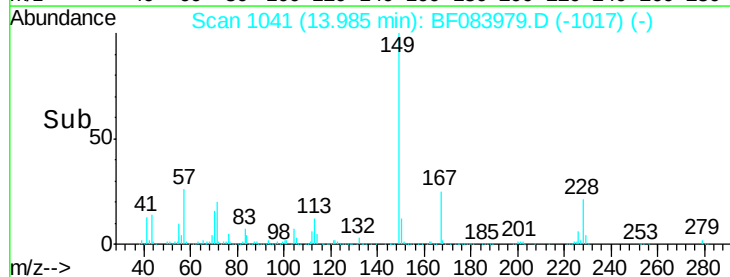
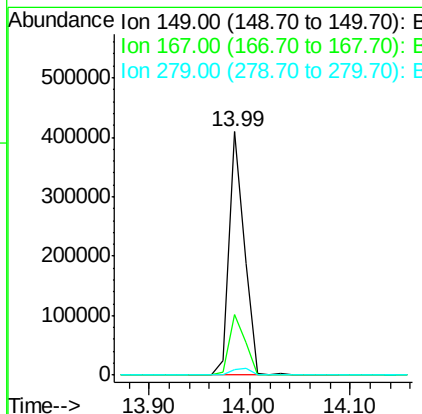
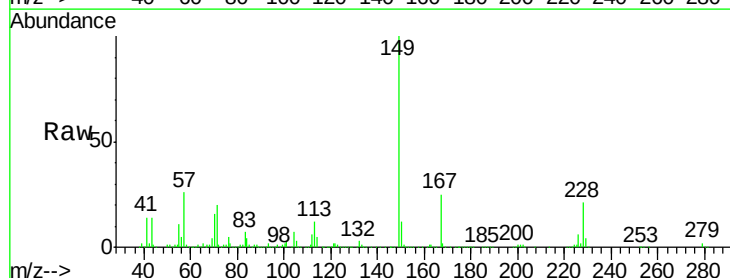
RT: 13.99 min Scan# 1041

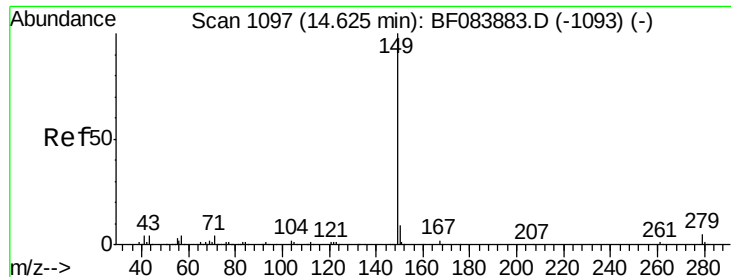
Delta R.T. -0.02 min

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





#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

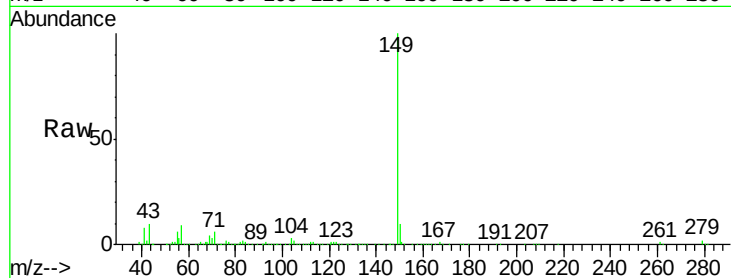
ClientSampleId :

WC121515-LIQUID-POPHMSD

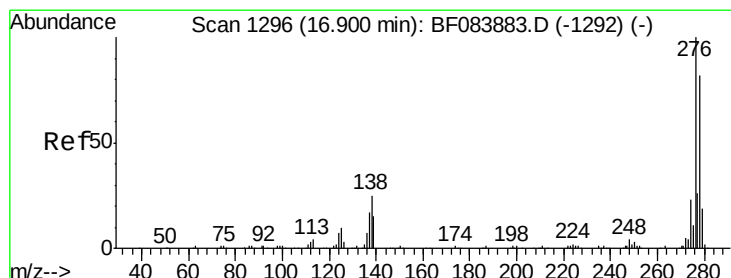
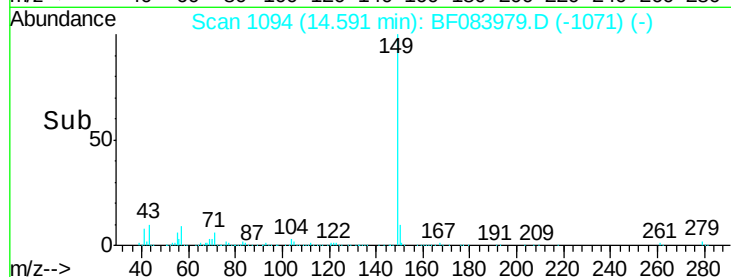
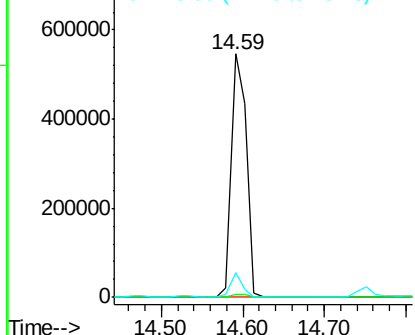
Tot Ion:	149	Resp:	701391
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	7.6	5.6	8.4

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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

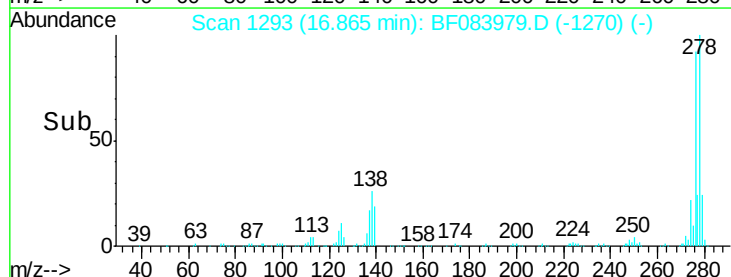
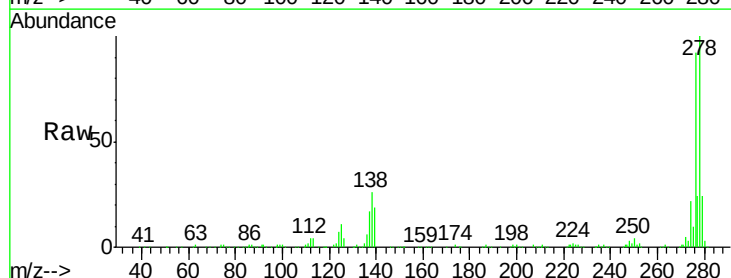
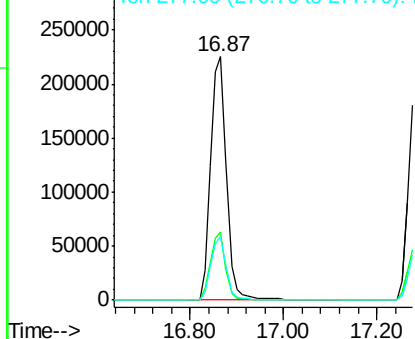
Delta R.T. -0.03 min

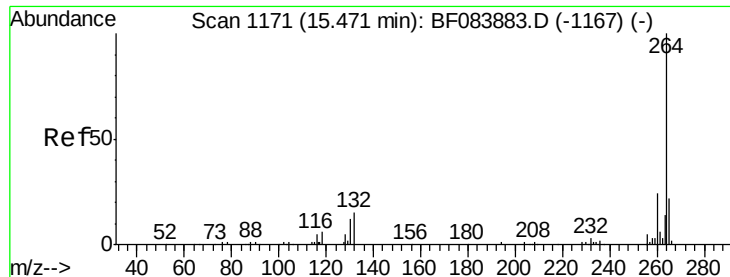
Lab File: BF083979.D

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

Pervlene-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

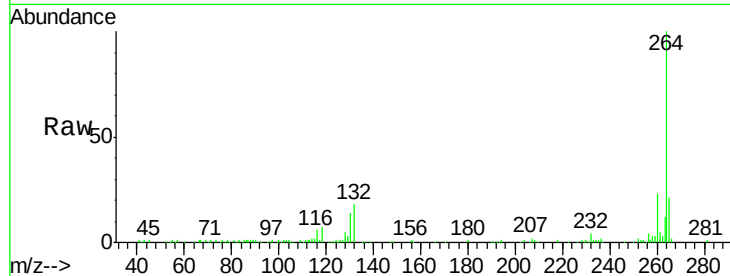
ClientSampleId :

WC121515-LIQUID-POPHMSD

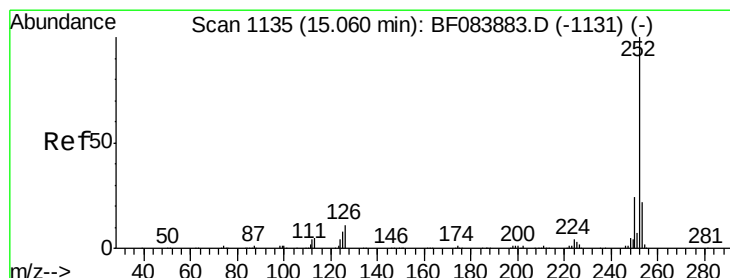
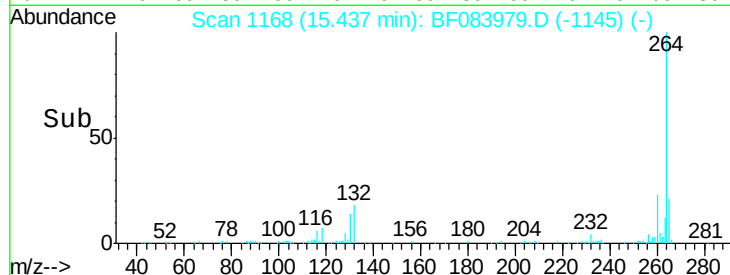
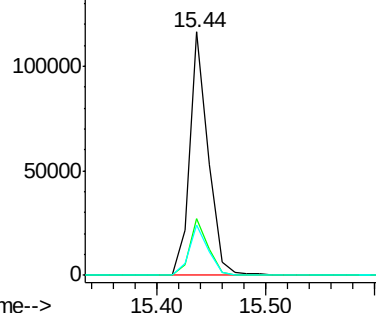
Tot Ion:	264	Resp:	138310
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	20.7	17.8	26.6

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



#87

Benzo(b)fluoranthene

Concen: 57.12 ng m

RT: 15.03 min Scan# 1132

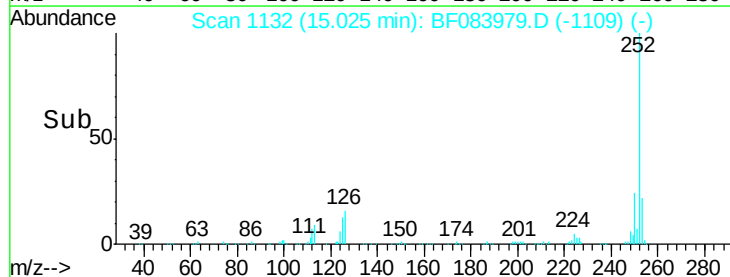
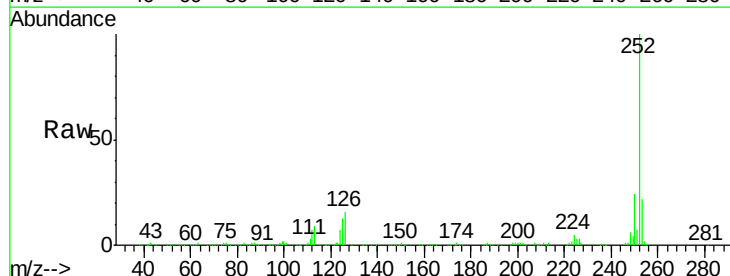
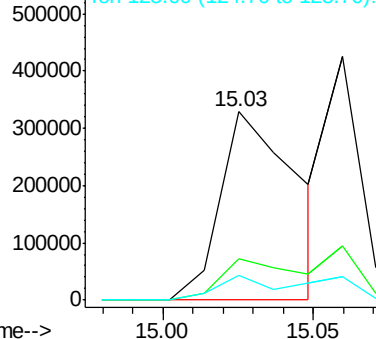
Delta R.T. -0.03 min

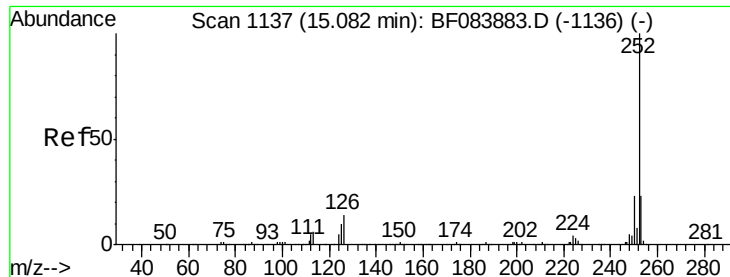
Lab File: BF083979.D

Acq: 20 Dec 2015 4:59

Tgt Ion:	252	Resp:	575942
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	13.2	6.5	9.7#

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





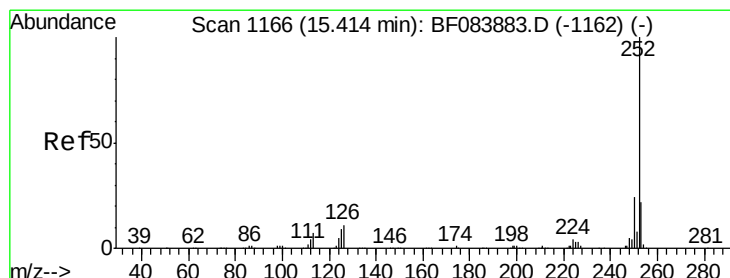
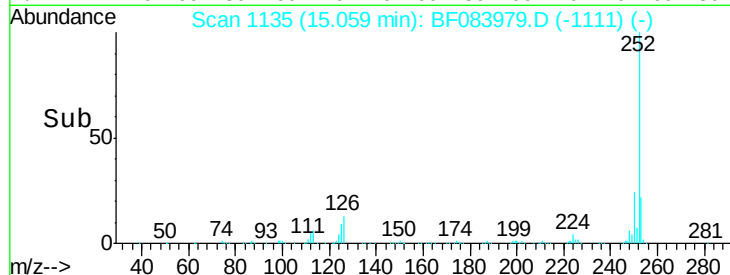
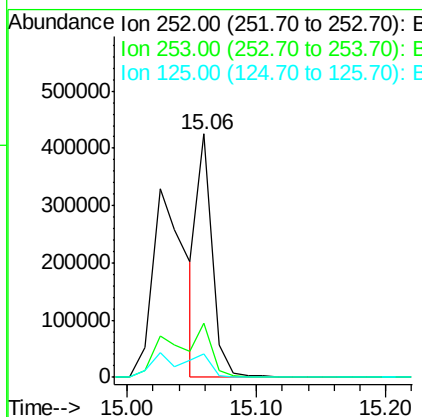
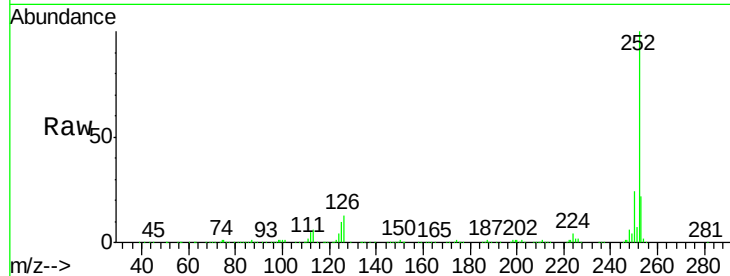
#88
Benzo(k)fluoranthene
Concen: 41.52 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.5	9.0	13.6

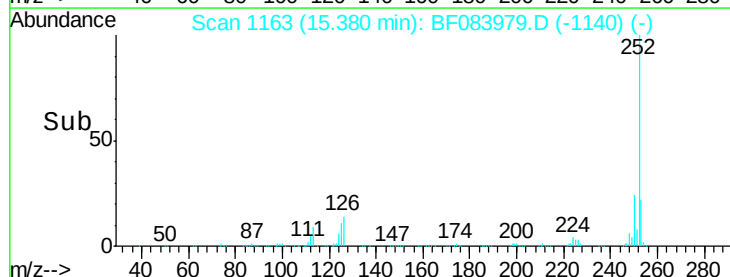
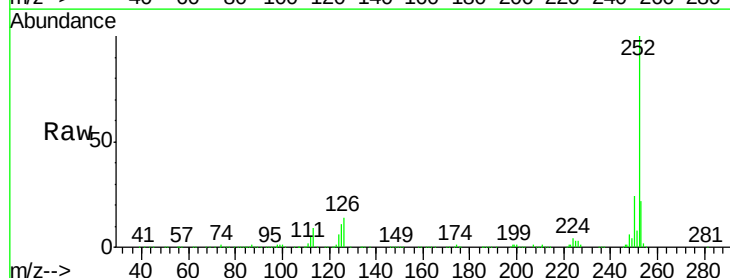
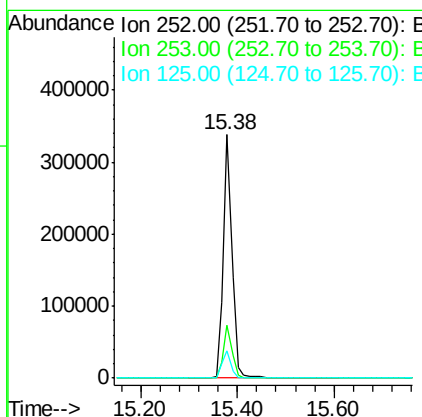
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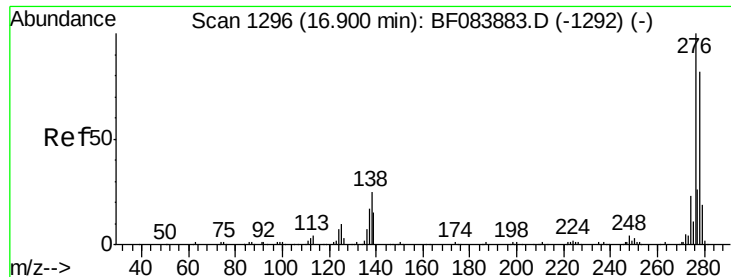
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#89
Benzo(a)pyrene
Concen: 50.88 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.1	7.0	10.4





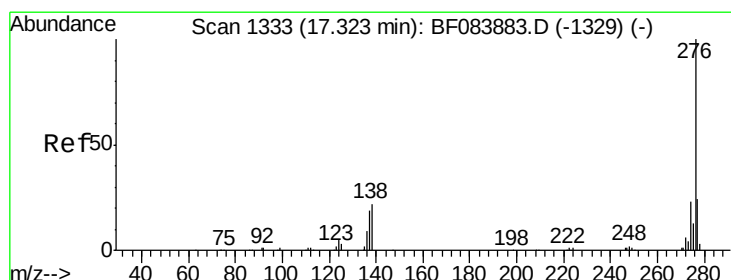
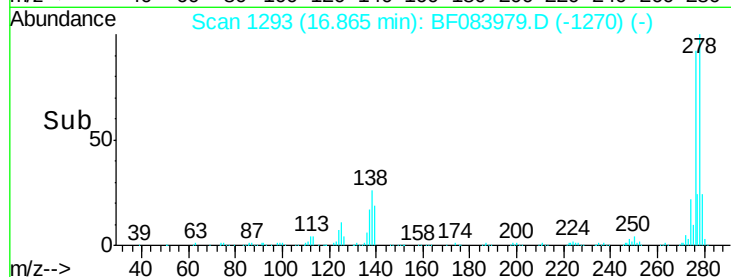
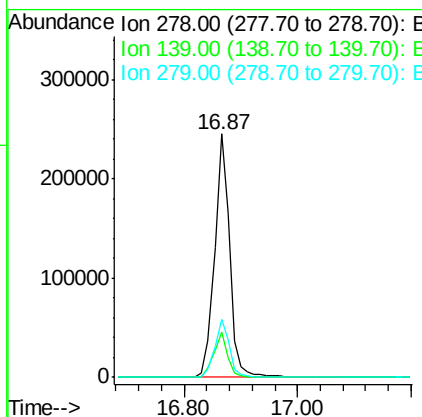
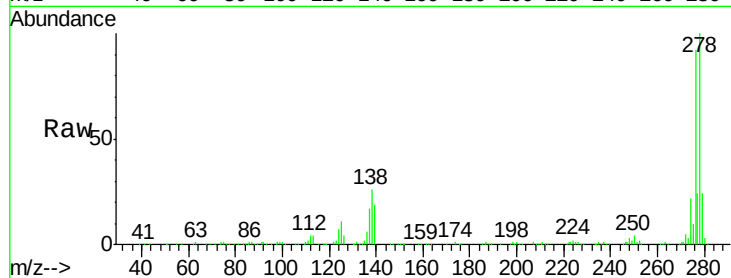
#90
Dibenzo(a,h)anthracene
Concen: 68.88 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083979.D
Acq: 20 Dec 2015 4:59

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.0	22.4
279	24.1	18.9	28.3

Manual Integrations
APPROVED

apatel
12/22/2015 12:17:37 PM



#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	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.6	17.8	26.6

