

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
 Data File : BF078241.D
 Acq On : 3 Apr 2015 14:51
 Operator : TP/IZ
 Sample : PB82450BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Manual Integrations
 APPROVED

apatel
 4/6/2015 4:33:12 PM

Quant Time: Apr 03 23:52:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 23:29:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	38211	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	152543	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	75299	20.00	ng	-0.01
63) Phenanthrene-d10	12.56	188	145522	20.00	ng	0.00
75) Chrysene-d12	15.83	240	148975	20.00	ng	-0.01
86) Perylene-d12	17.59	264	152030	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	286107	123.45	ng	0.00
7) Phenol-d6	6.58	99	352266	121.29	ng	-0.01
23) Nitrobenzene-d5	7.68	82	194259	77.19	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	85208	136.44	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	438610	83.26	ng	0.00
78) Terphenyl-d14	14.55	244	502723	76.25	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.82	88	32358	30.88	ng	98
3) Pyridine	2.45	79	102706	37.41	ng	96
4) n-Nitrosodimethylamine	2.40	42	44977m	42.56	ng	
6) Aniline	6.57	93	56402	13.69	ng	# 89
8) 2-Chlorophenol	6.72	128	107017	39.05	ng	99
9) Benzaldehyde	6.42	77	65858	34.21	ng	92
10) Phenol	6.60	94	130611	37.53	ng	99
11) bis(2-Chloroethyl)ether	6.68	93	99164	39.62	ng	95
12) 1,3-Dichlorobenzene	6.90	146	111691	37.10	ng	95
13) 1,4-Dichlorobenzene	7.00	146	113254	37.38	ng	97
14) 1,2-Dichlorobenzene	7.18	146	104009	36.61	ng	95
15) Benzyl Alcohol	7.18	79	87440	42.84	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.36	45	134368	40.25	ng	90
17) 2-Methylphenol	7.34	107	84167	39.56	ng	94
18) Hexachloroethane	7.60	117	39262	38.43	ng	# 79
19) n-Nitroso-di-n-propylamine	7.52	70	70703	36.90	ng	97
20) 3+4-Methylphenols	7.54	107	111536	39.30	ng	97
22) Acetophenone	7.49	105	143567	40.39	ng	# 90
24) Nitrobenzene	7.70	77	102308	38.89	ng	# 81
25) Isophorone	8.01	82	193556	40.52	ng	99
26) 2-Nitrophenol	8.10	139	53176	42.41	ng	98
27) 2,4-Dimethylphenol	8.18	122	92151	39.53	ng	94
28) bis(2-Chloroethoxy)methane	8.29	93	127918	41.77	ng	99
29) 2,4-Dichlorophenol	8.41	162	88686	41.81	ng	96
30) 1,2,4-Trichlorobenzene	8.49	180	91607	37.67	ng	# 96
31) Naphthalene	8.58	128	298053	37.54	ng	99
32) Benzoic acid	8.32	122	55944	50.66	ng	92
33) 4-Chloroaniline	8.67	127	52369	15.90	ng	99
34) Hexachlorobutadiene	8.74	225	51979	38.93	ng	96
35) Caprolactam	9.10	113	28078	44.35	ng	# 83
36) 4-Chloro-3-methylphenol	9.30	107	94811	44.30	ng	89
37) 2-Methylnaphthalene	9.45	142	205159	38.06	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.65	216	90273	38.69	ng	97
40) Hexachlorocyclopentadiene	9.63	237	90458	89.20	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	65147	44.28	nq	97
43) 2,4,5-Trichlorophenol	9.86	196	66703	43.39	nq	# 84
45) 1,1'-Biphenyl	10.03	154	249650	40.53	nq	98
46) 2-Chloronaphthalene	10.04	162	202285	41.74	nq	97
47) 2-Nitroaniline	10.18	65	51222	42.72	nq	93
48) Acenaphthylene	10.54	152	306215	39.13	nq	99
49) Dimethylphthalate	10.42	163	222587	39.35	nq	99
50) 2,6-Dinitrotoluene	10.49	165	47398	40.72	nq	# 41
51) Acenaphthene	10.76	154	184050	41.77	nq	99
52) 3-Nitroaniline	10.69	138	29324	22.16	nq	98
53) 2,4-Dinitrophenol	10.83	184	35386	78.77	nq	# 88
54) Dibenzofuran	10.98	168	292056	43.40	nq	97
55) 4-Nitrophenol	10.95	139	80136	82.16	nq	98
56) 2,4-Dinitrotoluene	10.99	165	68422	45.39	nq	# 90
57) Fluorene	11.40	166	236296	43.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.14	232	53025	46.53	nq	99
59) Diethylphthalate	11.30	149	238322	43.69	nq	99
60) 4-Chlorophenyl-phenylether	11.41	204	107126	42.69	nq	# 82
61) 4-Nitroaniline	11.45	138	49263	36.82	nq	99
62) Azobenzene	11.61	77	219450	44.08	nq	94
64) 4,6-Dinitro-2-methylphenol	11.48	198	27584	39.94	nq	# 77
65) n-Nitrosodiphenylamine	11.56	169	195360	38.81	nq	100
66) 4-Bromophenyl-phenylether	12.02	248	65098	42.24	nq	# 84
67) Hexachlorobenzene	12.07	284	66148	39.17	nq	# 85
68) Atrazine	12.25	200	67073	46.01	nq	99
69) Pentachlorophenol	12.33	266	66816	88.32	nq	99
70) Phenanthrene	12.58	178	331532	39.39	nq	99
71) Anthracene	12.65	178	343881	41.46	nq	99
72) Carbazole	12.87	167	324724	41.77	nq	99
73) Di-n-butylphthalate	13.32	149	383938	43.60	nq	99
74) Fluoranthene	14.05	202	375234	42.27	nq	92
76) Benzidine	14.25	184	147551	25.72	nq	98
77) Pyrene	14.33	202	384508	41.11	nq	99
79) Butylbenzylphthalate	15.17	149	166808	46.80	nq	# 85
80) Benzo(a)anthracene	15.81	228	358095	40.40	nq	100
81) 3,3'-Dichlorobenzidine	15.80	252	93243	31.41	nq	# 98
82) Chrysene	15.86	228	341973	41.06	nq	100
83) Bis(2-ethylhexyl)phthalate	15.91	149	253395	45.33	nq	98
84) Di-n-octyl phthalate	16.71	149	435756	47.47	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.89	276	390906	41.37	nq	# 85
87) Benzo(b)fluoranthene	17.13	252	380557	40.50	nq	# 96
88) Benzo(k)fluoranthene	17.16	252	296862	35.55	nq	98
89) Benzo(a)pyrene	17.52	252	336784	41.07	nq	# 96
90) Dibenzo(a,h)anthracene	18.92	278	313354	38.17	nq	98
91) Benzo(g,h,i)perylene	19.27	276	321456	39.05	nq	96

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

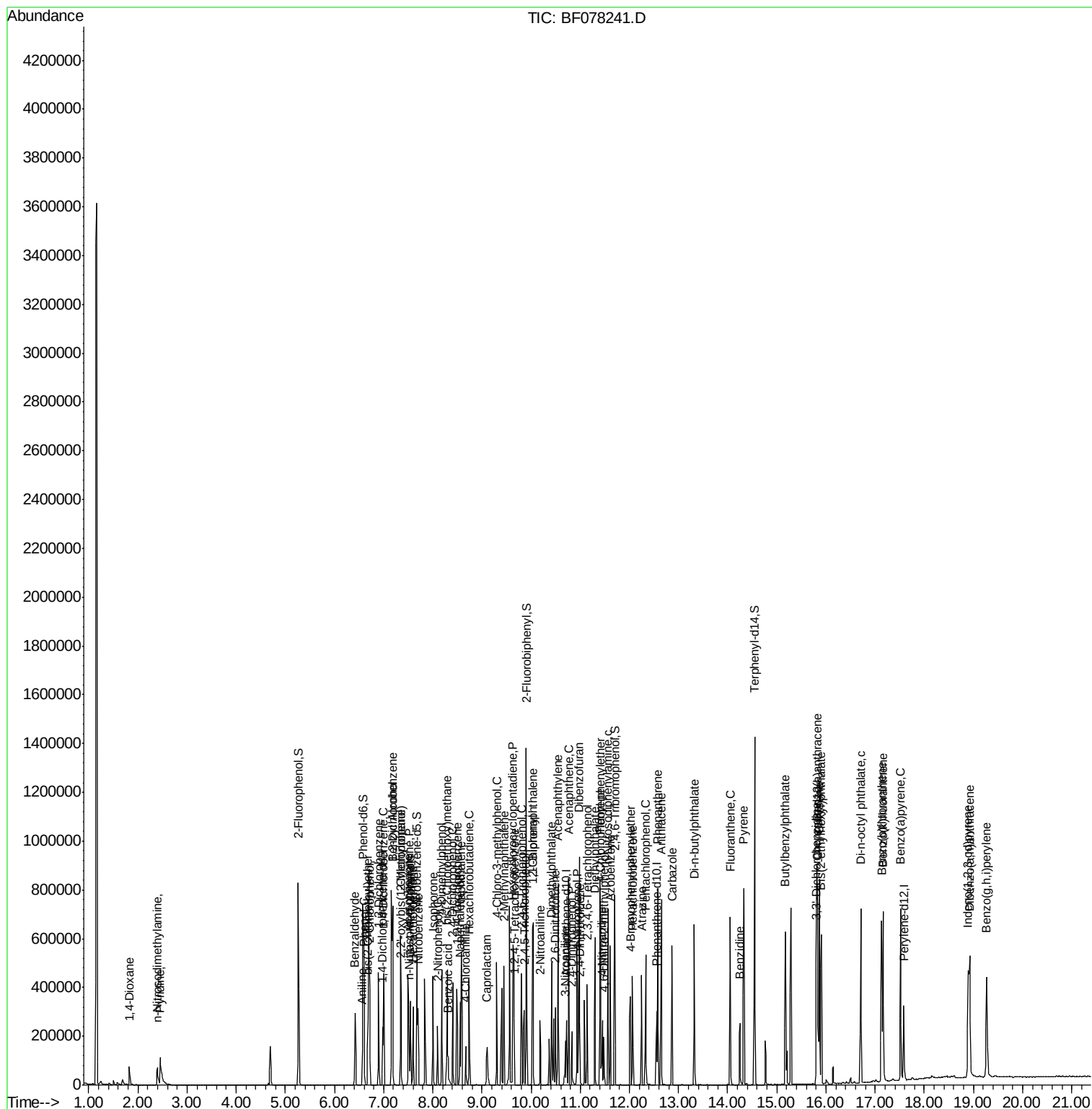
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
Data File : BF078241.D
Acq On    : 3 Apr 2015 14:51
Operator  : TP/IZ
Sample    : PB82450BS
Misc      :
ALS Vial  : 3 Sample Multiplier: 1
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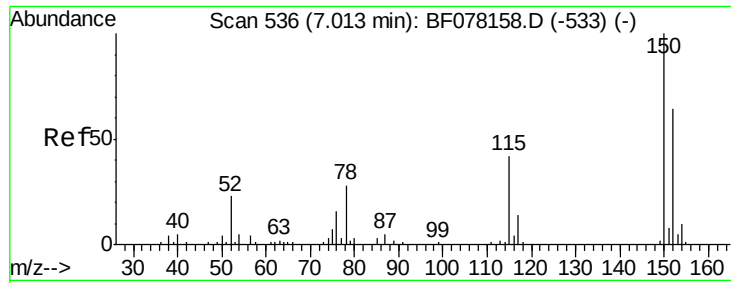
Instrument :
BNA_F
ClientSampleId :
PB82450BS

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#1

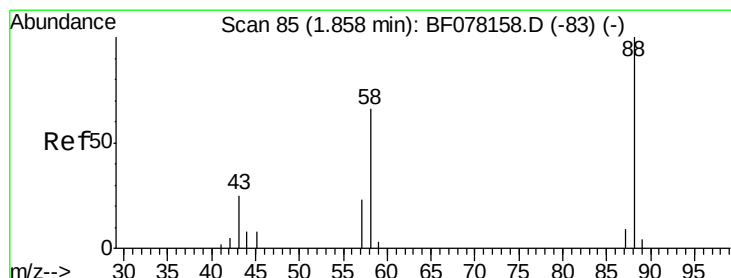
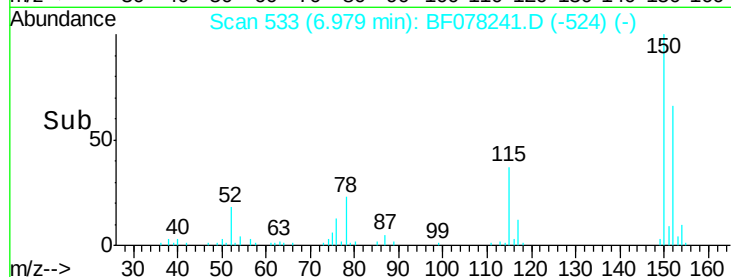
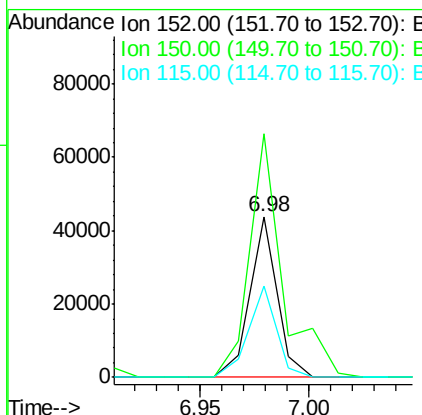
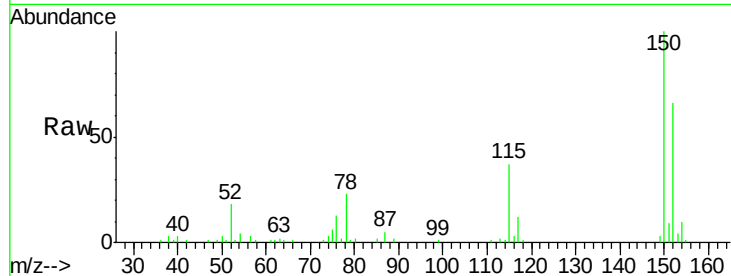
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.9	188.9
115	56.7	52.7	79.1

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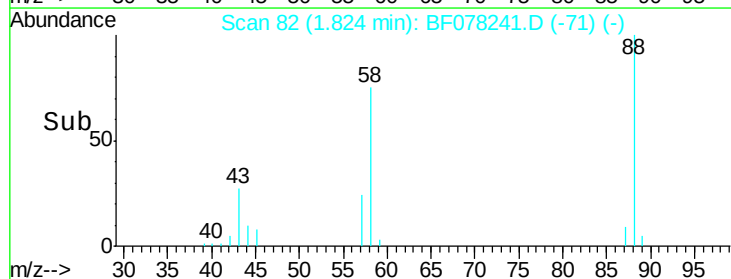
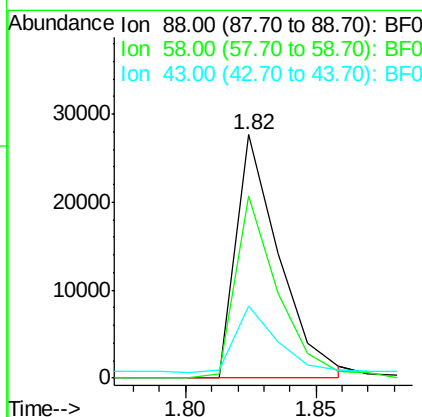
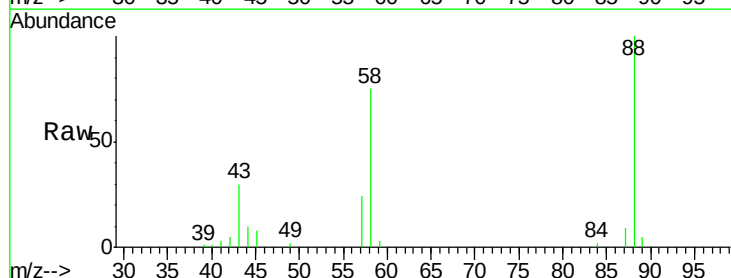
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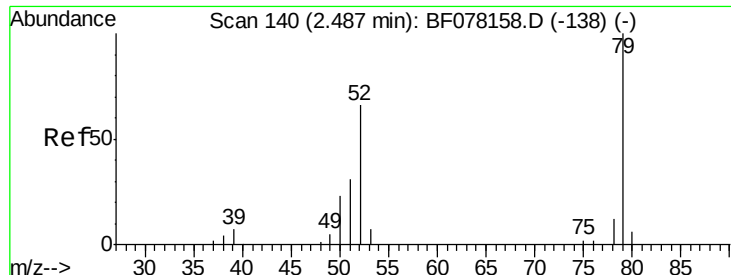


#2

1,4-Dioxane
Concen: 30.88 ng
RT: 1.82 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	56.9	85.3
43	26.8	21.4	32.2





#3

Pvridine

Concen: 37.41 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

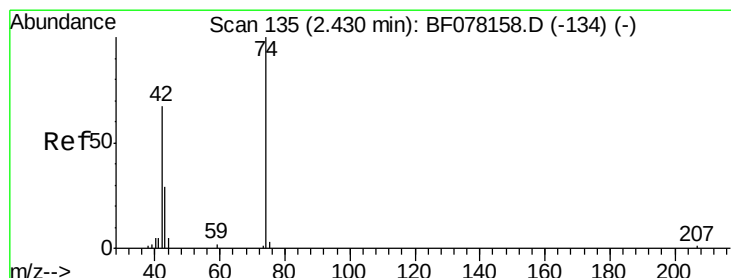
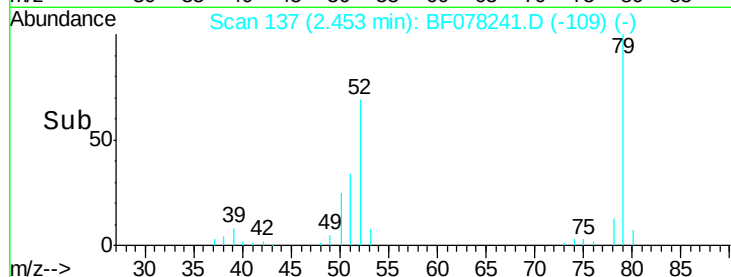
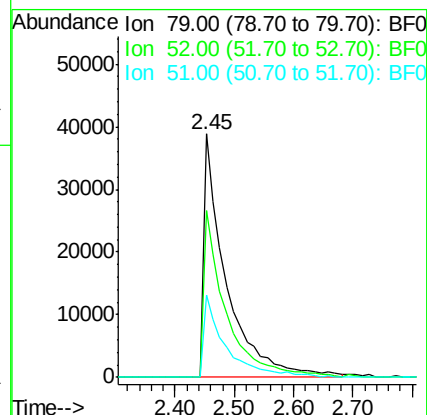
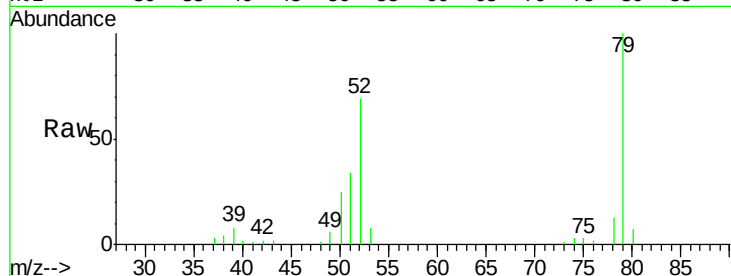
ClientSampled :

PB82450BS

Tot Ion:	79	Resp:	102706
Ion Ratio	Lower	Upper	
79	100		
52	68.7	52.4	78.6
51	33.6	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 42.56 ng m

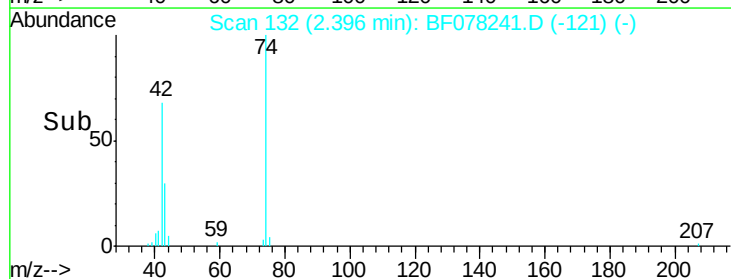
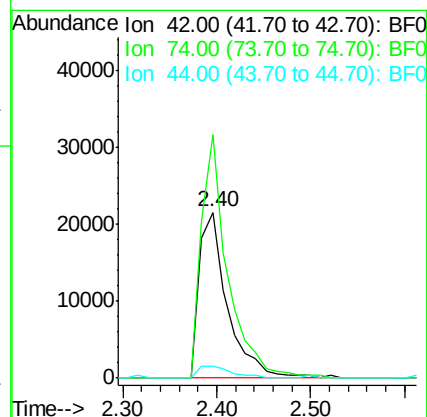
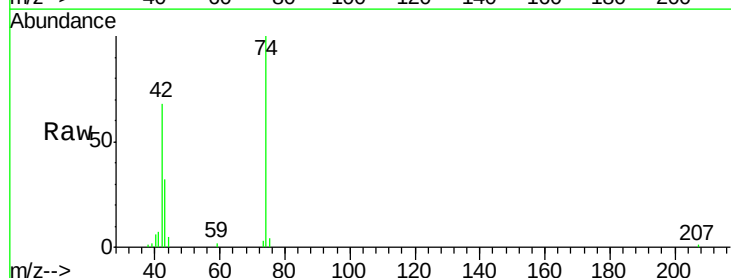
RT: 2.40 min Scan# 132

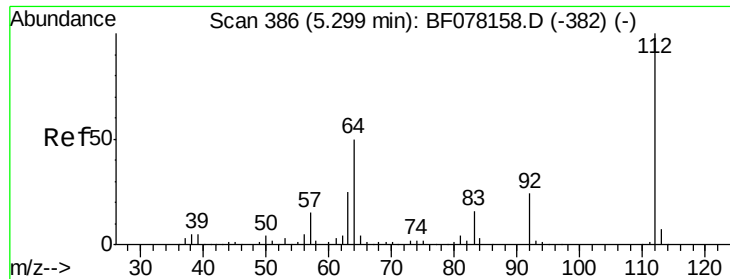
Delta R.T. 0.02 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	42	Resp:	44977
Ion Ratio	Lower	Upper	
42	100		
74	146.9	118.7	178.1
44	7.4	5.9	8.9





#5

2-Fluorophenol

Concen: 123.45 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

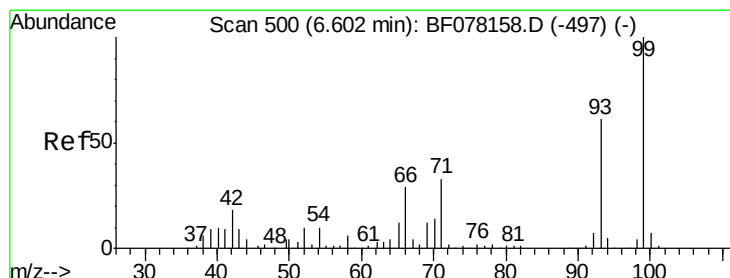
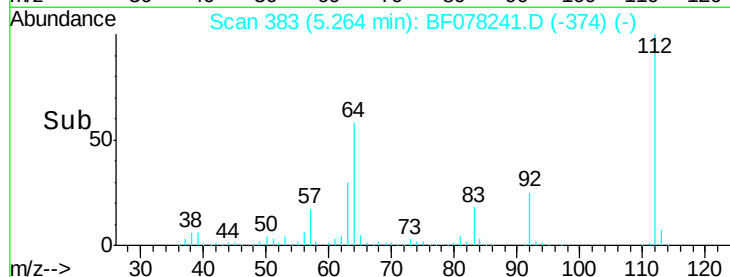
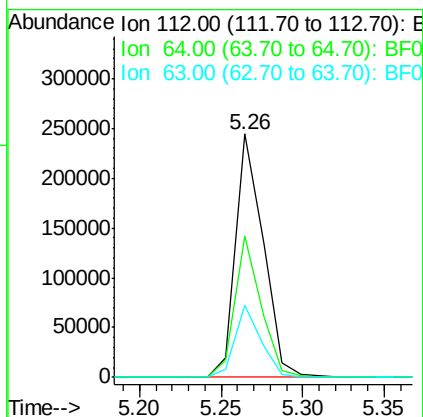
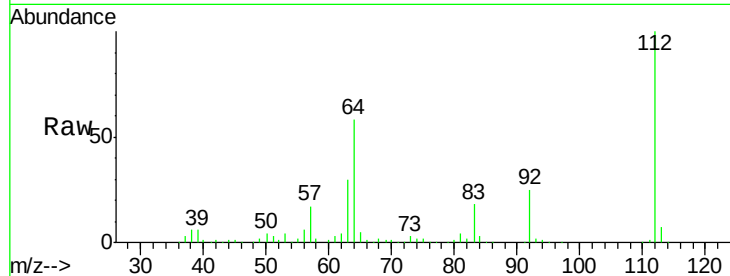
ClientSampleId :

PB82450BS

Tot Ion:	112	Resp:	286107
Ion Ratio	Lower	Upper	
112	100		
64	58.1	39.9	59.9
63	29.8	20.2	30.4

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#6

Aniline

Concen: 13.69 ng

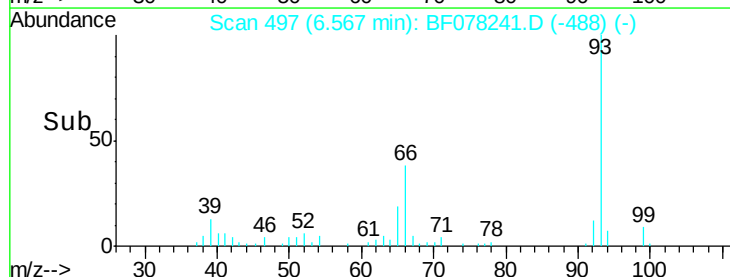
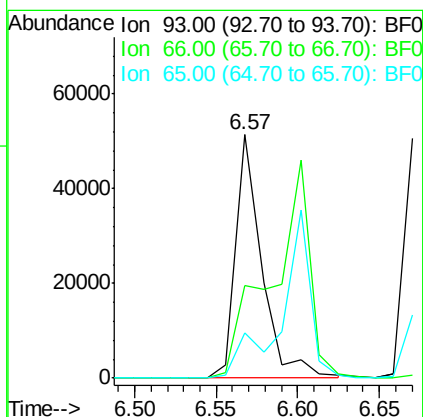
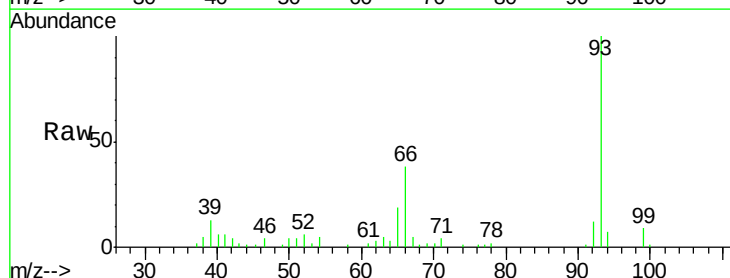
RT: 6.57 min Scan# 497

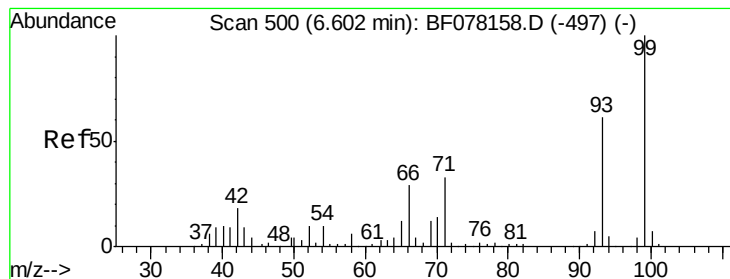
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	93	Resp:	56402
Ion Ratio	Lower	Upper	
93	100		
66	37.9	38.0	57.0#
65	18.7	16.3	24.5





#7

Phenol-d6

Concen: 121.29 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

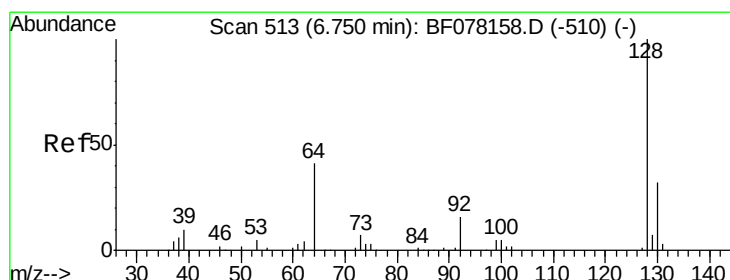
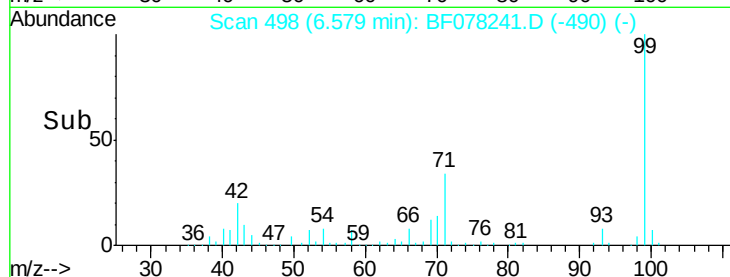
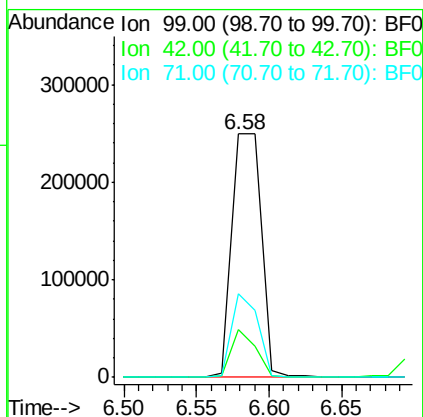
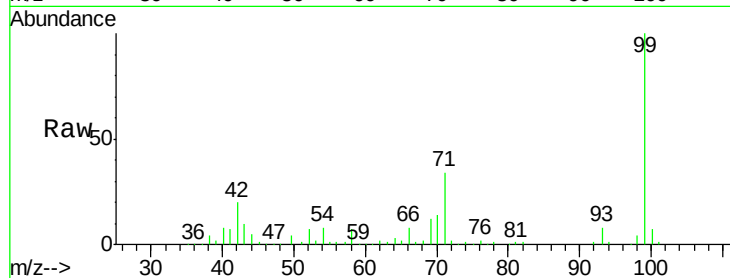
ClientSampleId :

PB82450BS

Tot Ion:	99	Resp:	352266
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.8	22.2
71	34.2	26.6	39.8

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#8

2-Chlorophenol

Concen: 39.05 ng

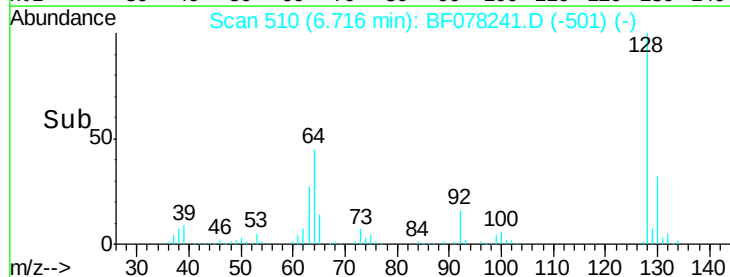
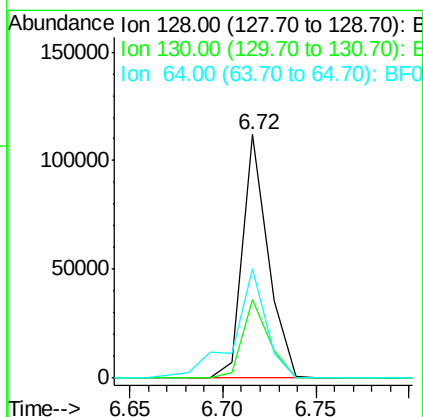
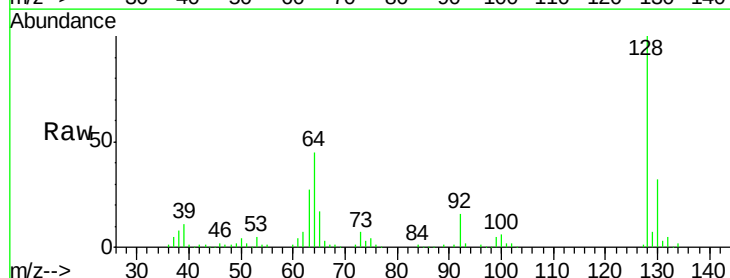
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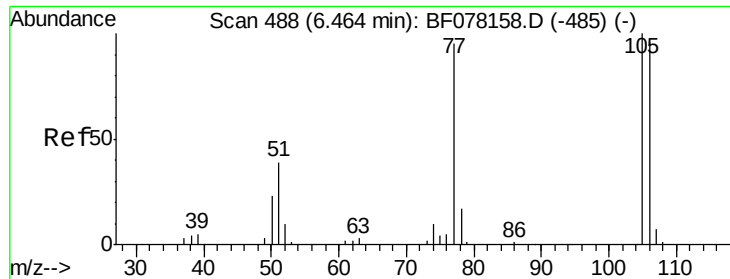
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	128	Resp:	107017
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.3	52.3
64	45.1	23.8	63.8





#9

Benzaldehyde

Concen: 34.21 ng

RT: 6.42 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

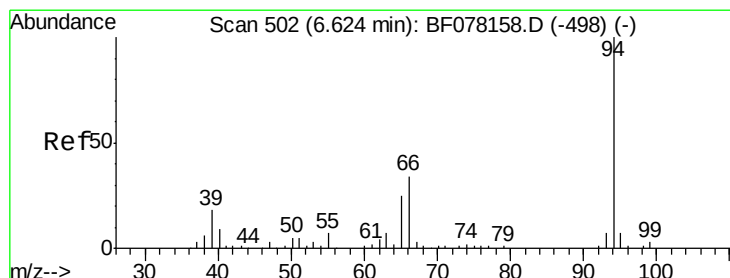
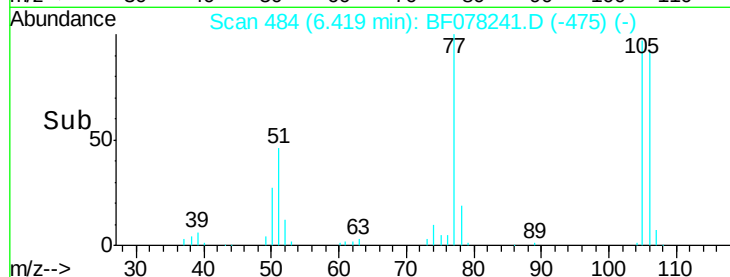
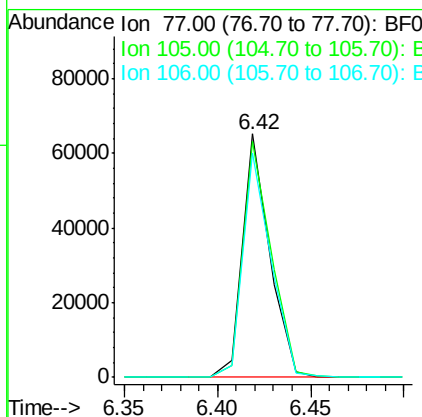
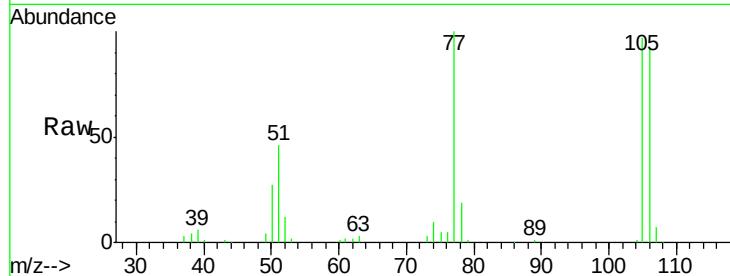
ClientSampleId :

PB82450BS

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Tot Ion:	77	Resp:	65858
Ion	Ratio	Lower	Upper
77	100		
105	97.1	85.4	125.4
106	92.3	80.8	120.8



#10

Phenol

Concen: 37.53 ng

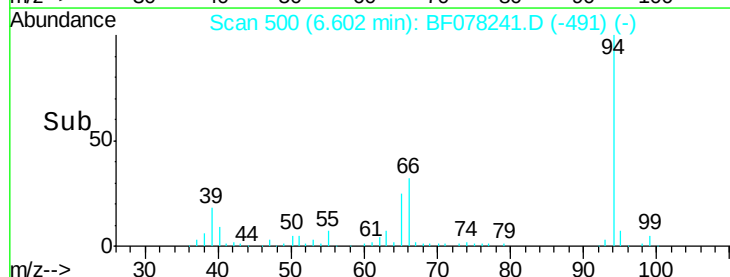
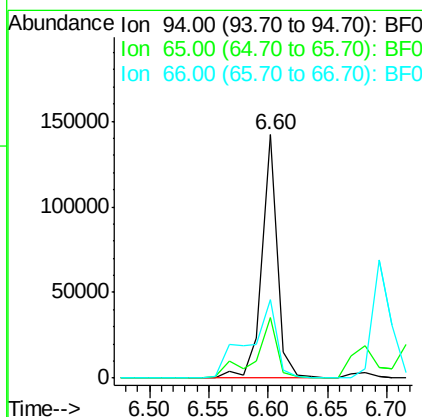
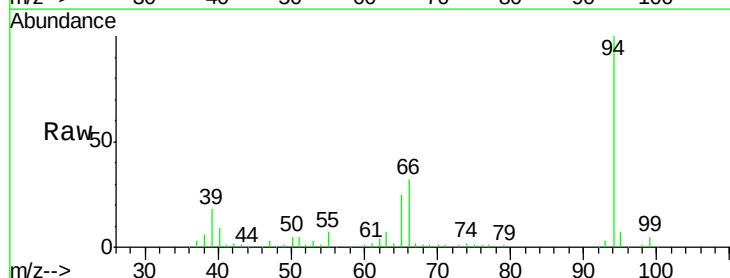
RT: 6.60 min Scan# 500

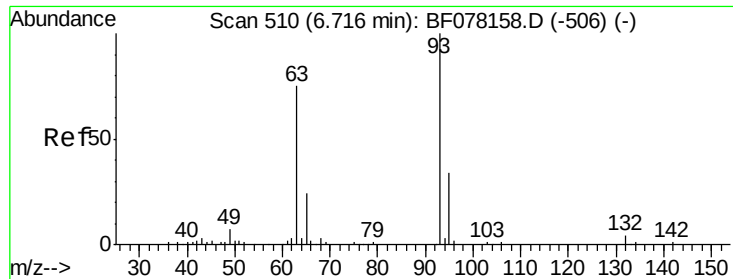
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	94	Resp:	130611
Ion	Ratio	Lower	Upper
94	100		
65	25.1	4.9	44.9
66	32.5	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 39.62 ng

RT: 6.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

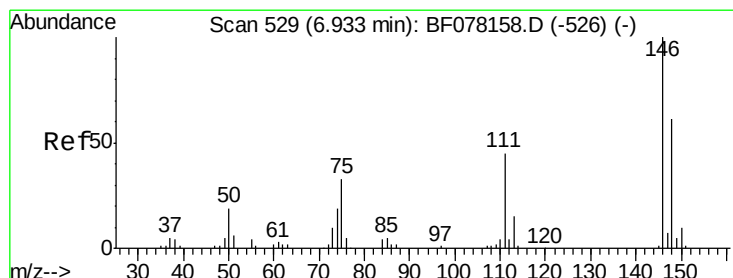
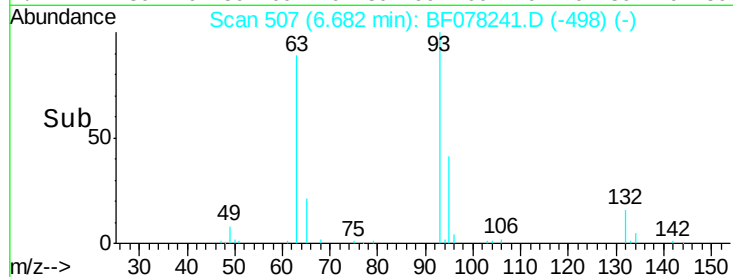
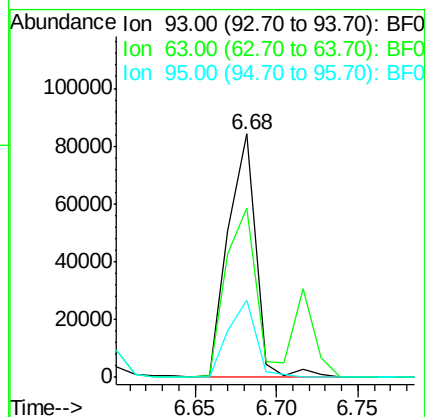
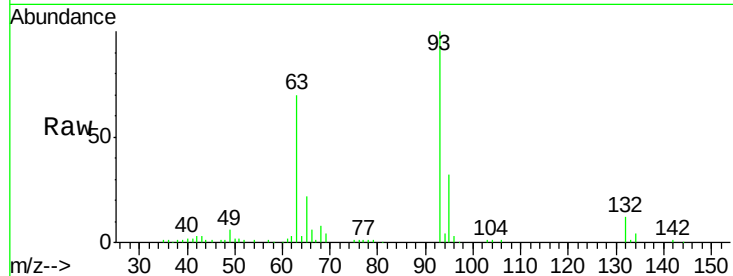
ClientSampleId :

PB82450BS

Tot Ion:	93	Resp:	99164
Ion Ratio	Lower	Upper	
93	100		
63	69.7	54.6	94.6
95	31.5	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 37.10 ng

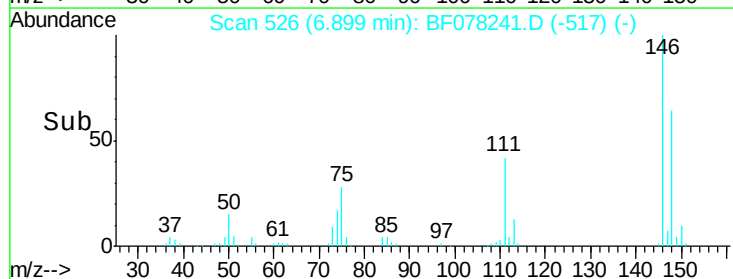
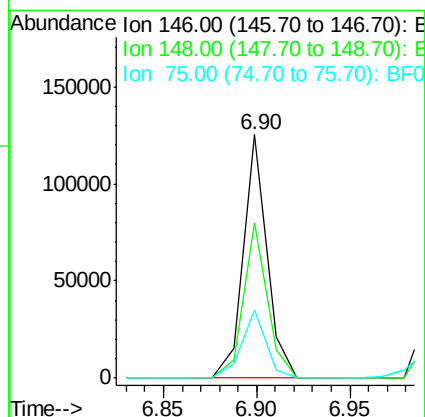
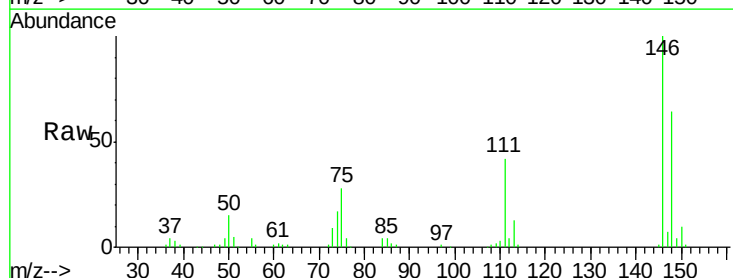
RT: 6.90 min Scan# 526

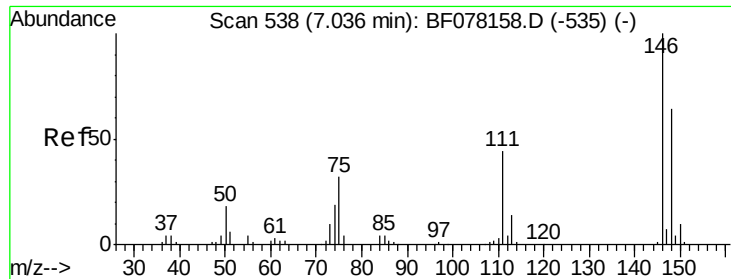
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	146	Resp:	111691
Ion Ratio	Lower	Upper	
146	100		
148	63.6	49.1	73.7
75	28.3	26.6	40.0





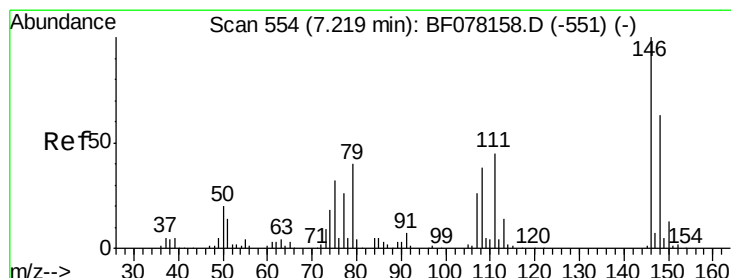
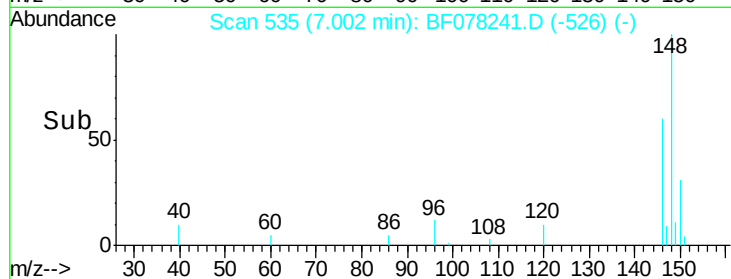
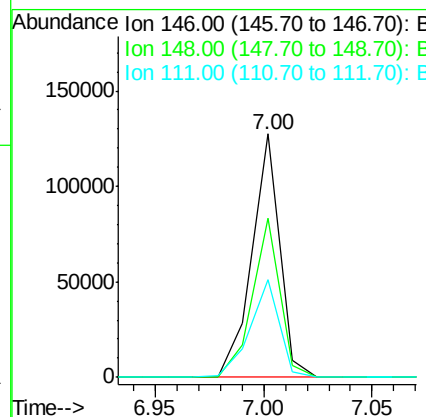
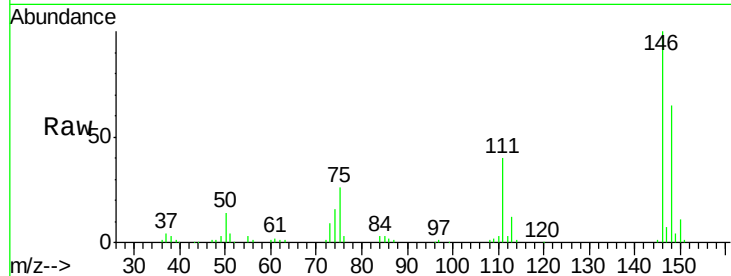
#13
 1,4-Dichlorobenzene
 Concen: 37.38 ng
 RT: 7.00 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	40.2	35.0	52.4

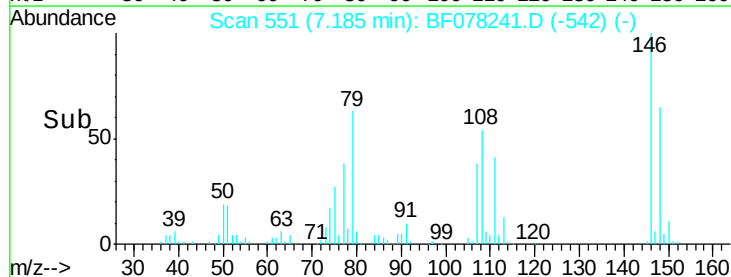
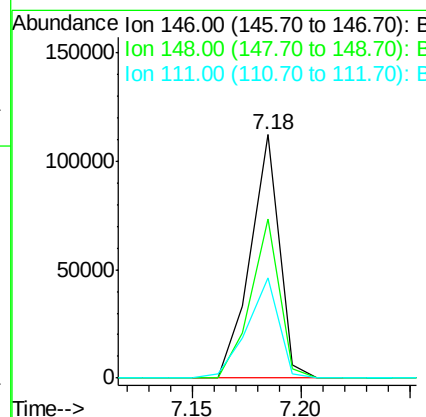
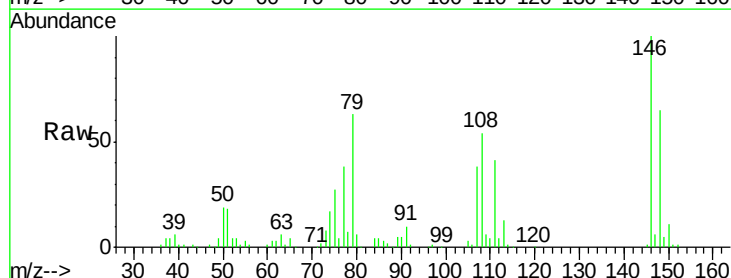
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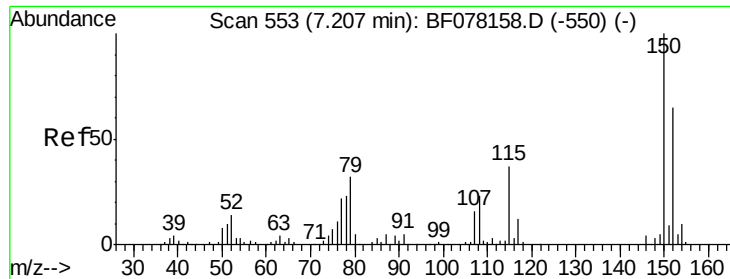
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#14
 1,2-Dichlorobenzene
 Concen: 36.61 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.2	75.4
111	41.1	36.1	54.1





#15

Benzyl Alcohol

Concen: 42.84 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

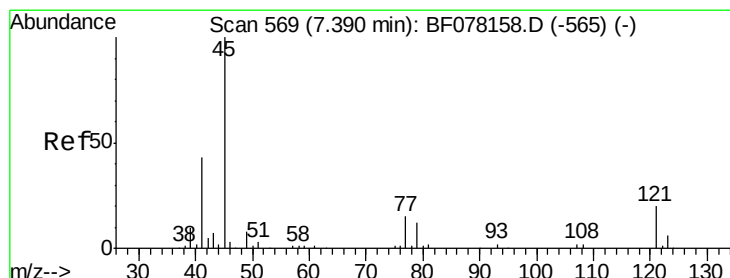
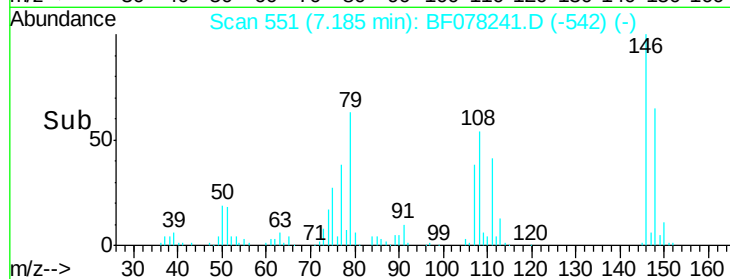
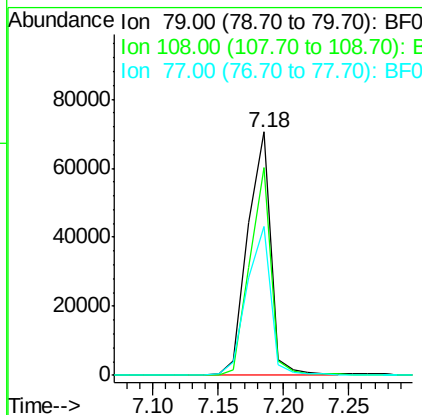
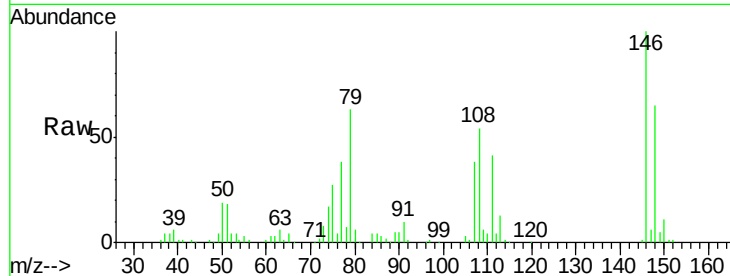
ClientSampled :

PB82450BS

Tot Ion:	79	Resp:	87440
Ion Ratio	Lower	Upper	
79	100		
108	85.6	57.6	86.4
77	61.2	53.5	80.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.25 ng

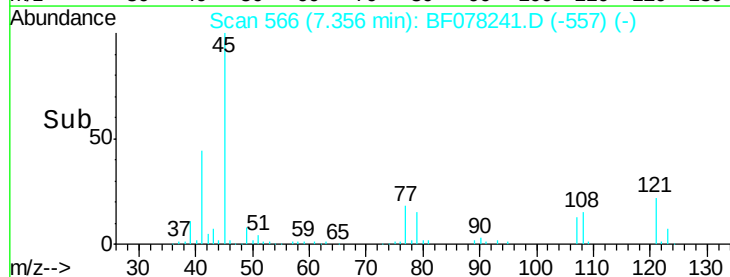
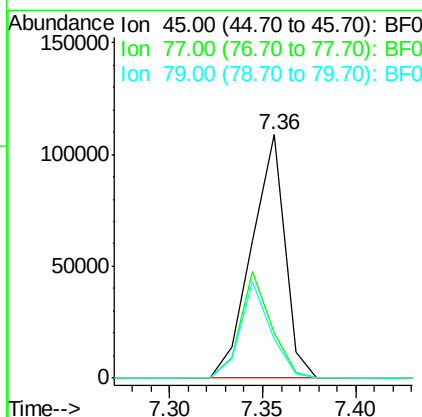
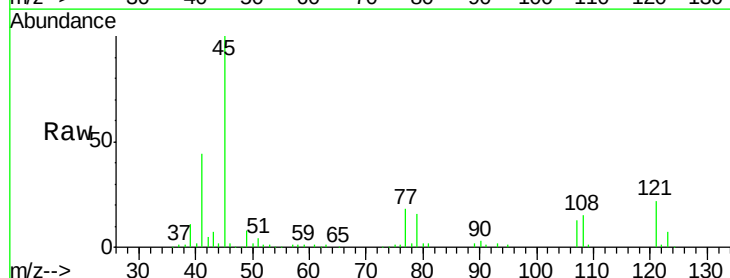
RT: 7.36 min Scan# 566

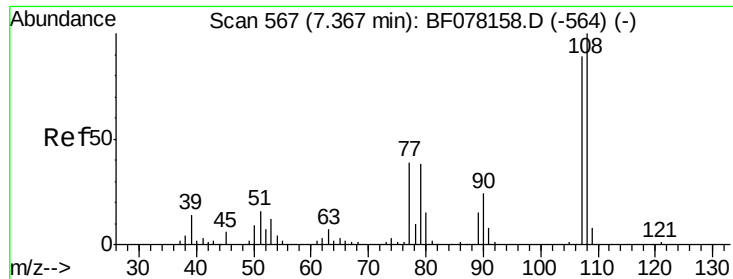
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	45	Resp:	134368
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	34.5
79	15.7	0.0	31.9





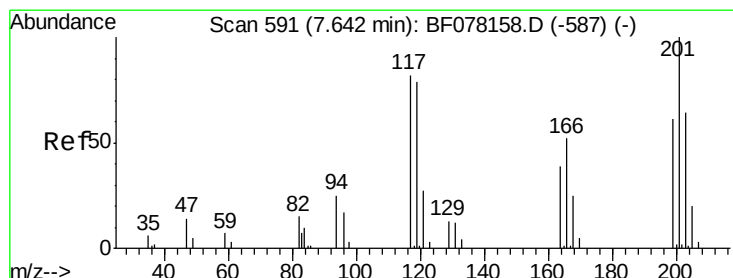
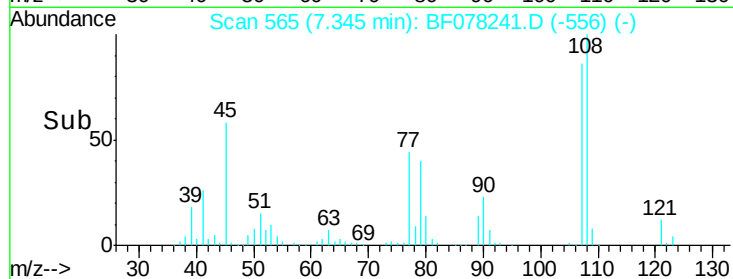
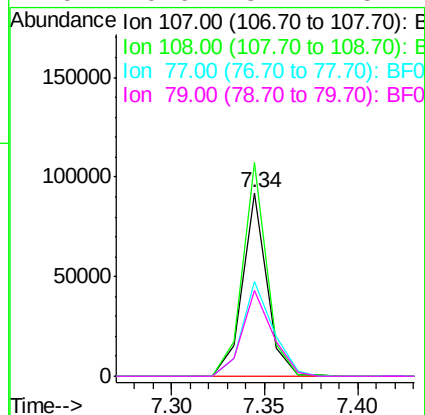
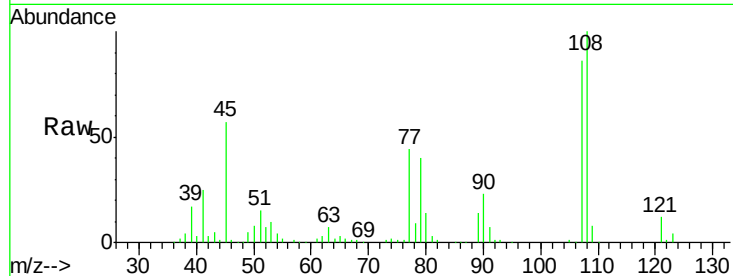
#17
2-Methylphenol
Concen: 39.56 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion:	107	Resp:	84167
Ion Ratio	Lower	Upper	
107	100		
108	116.3	90.3	135.5
77	51.6	35.5	53.3
79	46.6	34.2	51.4

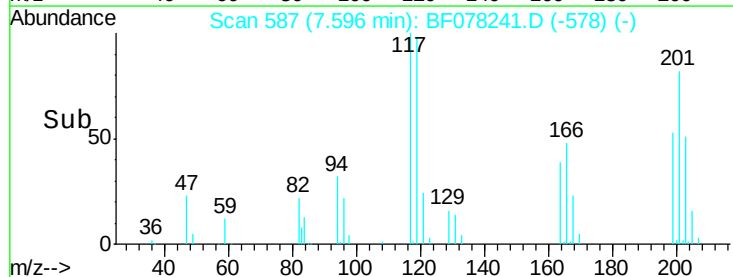
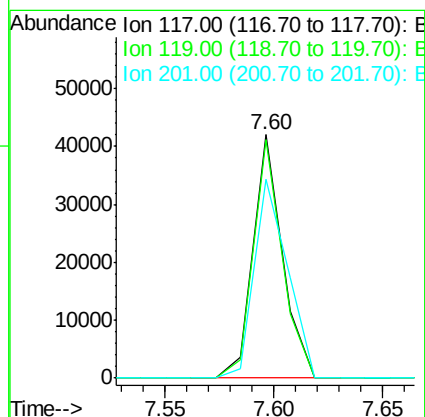
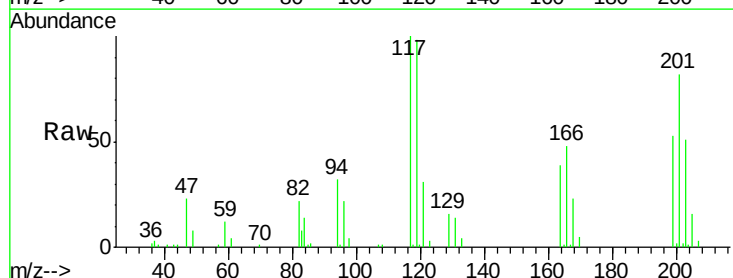
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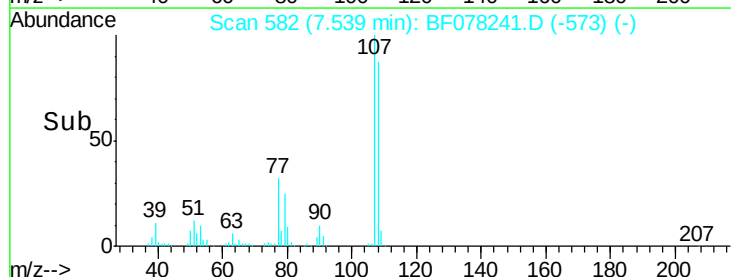
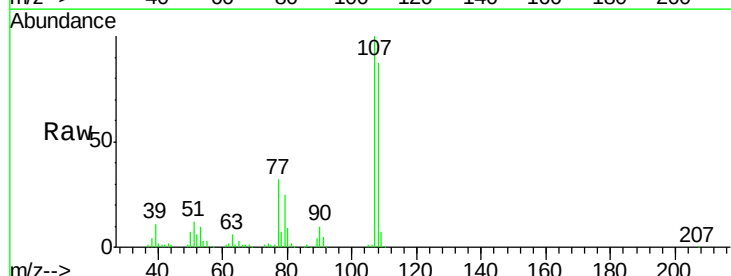
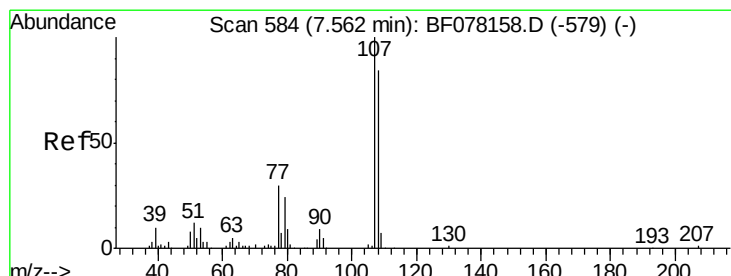
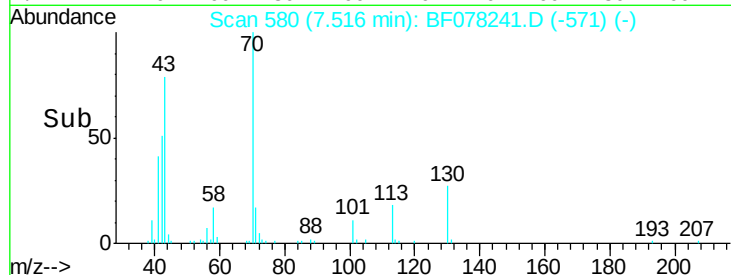
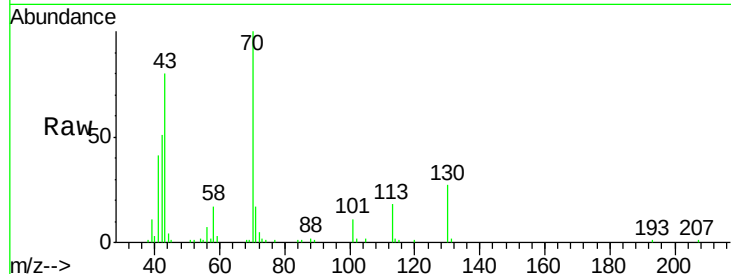
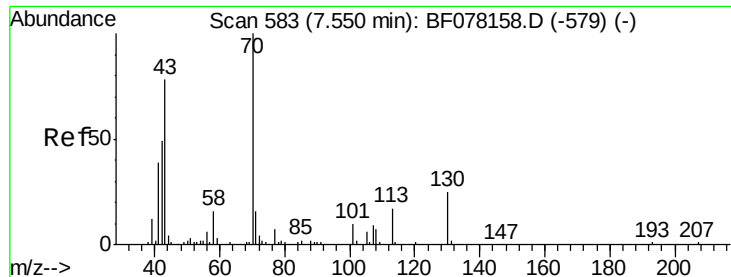
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#18
Hexachloroethane
Concen: 38.43 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

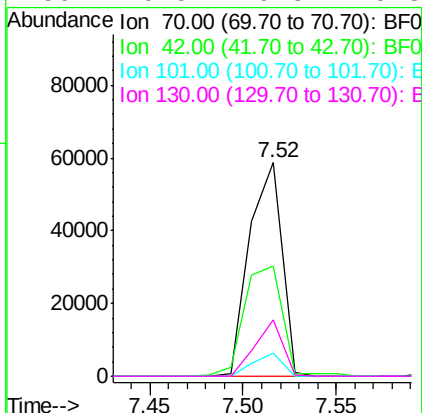
Tgt Ion:	117	Resp:	39262
Ion Ratio	Lower	Upper	
117	100		
119	98.0	77.0	115.6
201	81.9	98.1	147.1#





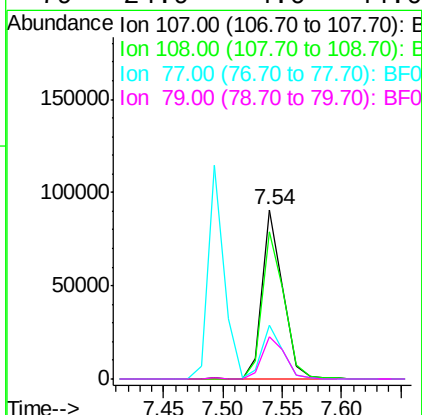
#19
n-Nitroso-di-n-propylamine
Concen: 36.90 ng
RT: 7.52 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tot Ion	Ion	Ratio	Lower	Upper
70703	70	100		
	42	51.3	38.9	58.3
	101	10.6	8.3	12.5
	130	26.5	19.8	29.8



#20
3+4-Methylphenols
Concen: 39.30 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

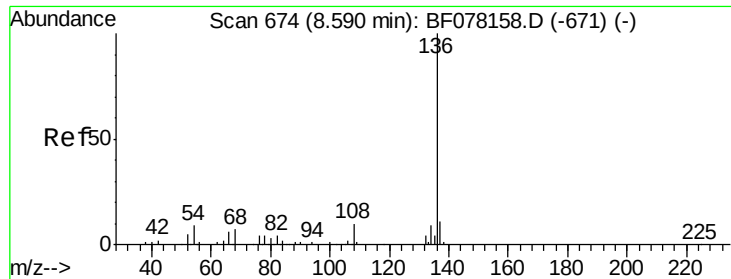
Tgt Ion	Ion	Ratio	Lower	Upper
111536	107	100		
	108	87.2	64.4	104.4
	77	31.7	9.7	49.7
	79	24.9	4.0	44.0



Instrument :
BNA_F
ClientSampleId :
PB82450BS

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

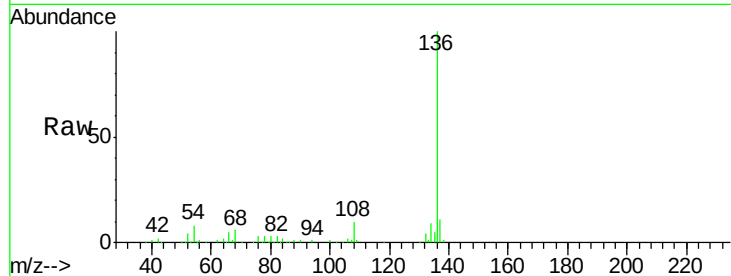
ClientSampleId :

PB82450BS

Tot Ion	136	Resp	152543
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	7.6	7.0	10.6
68	5.8	5.4	8.2

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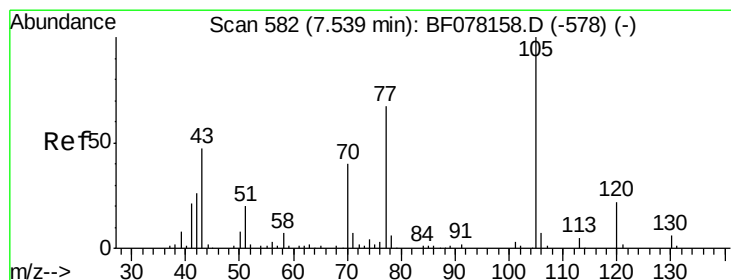
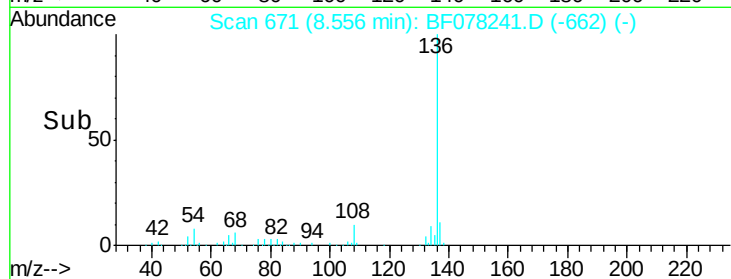
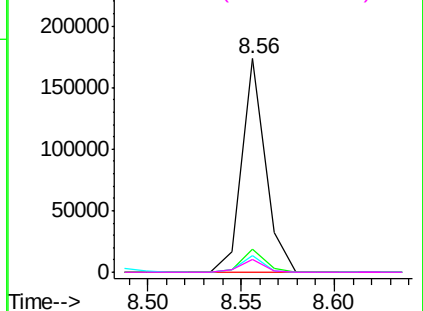
Abundance

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: 40.39 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion	105	Resp	143567
Ion Ratio	Lower	Upper	
105	100		
71	0.0	5.5	8.3#
51	26.3	16.0	24.0#
120	20.7	17.8	26.6

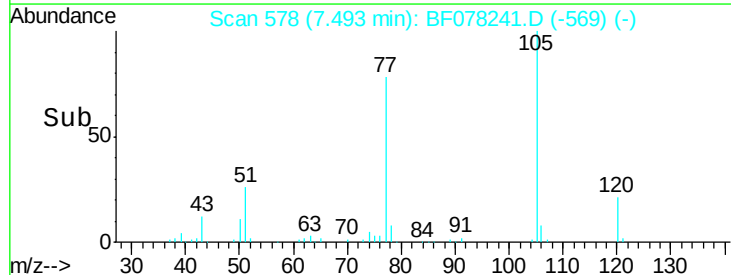
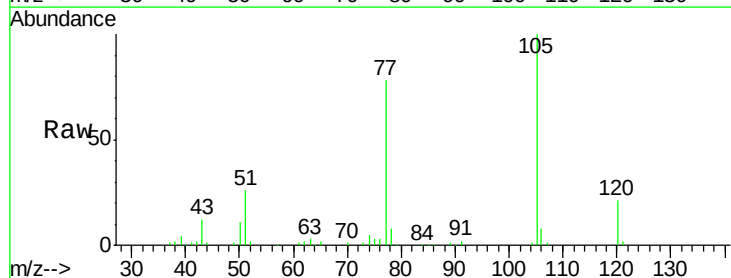
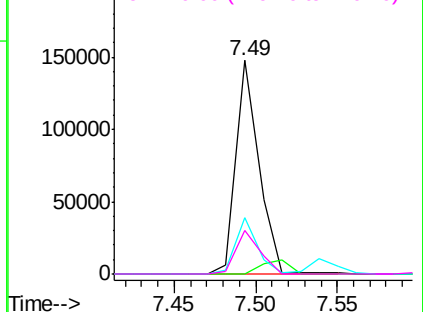
Abundance

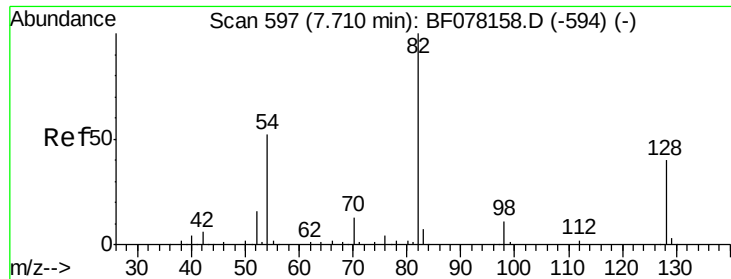
Ion 105.00 (104.70 to 105.70): E

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





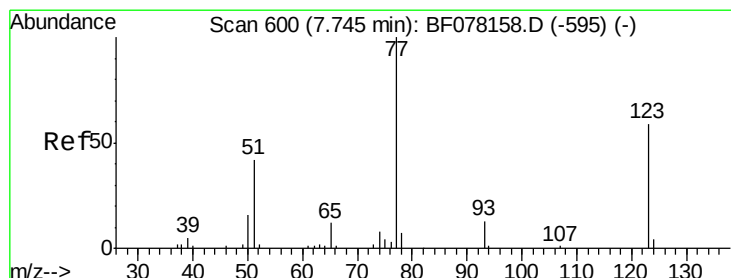
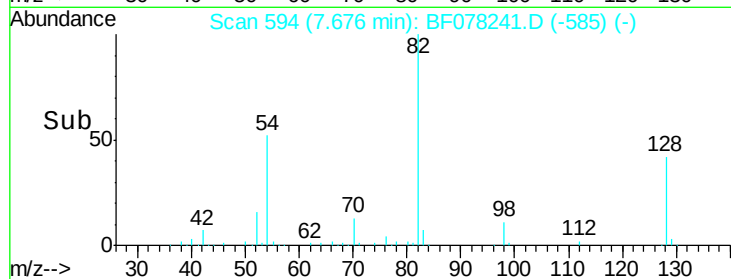
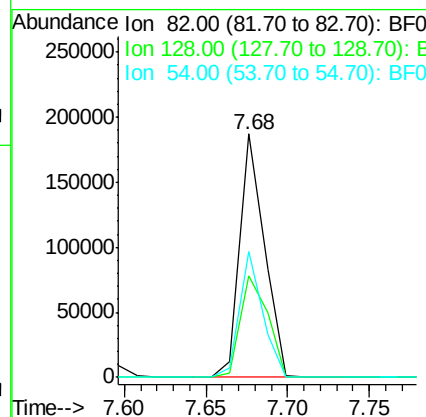
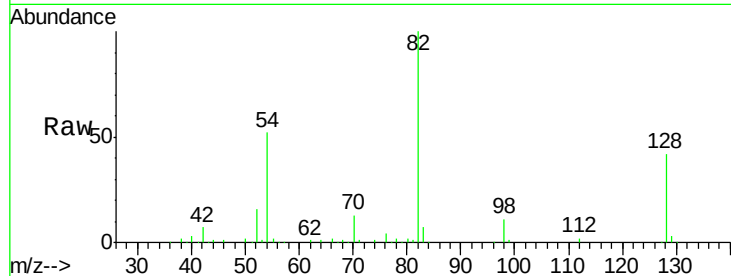
#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	194259		
128	41.5	31.8	47.8	
54	51.7	41.5	62.3	

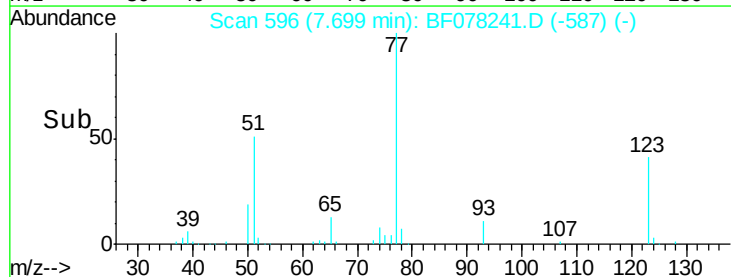
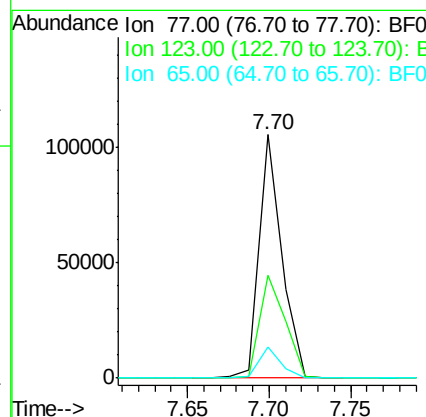
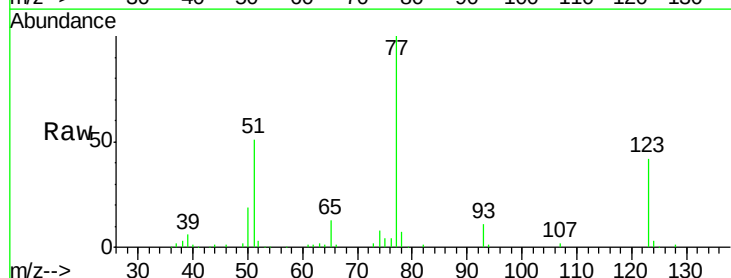
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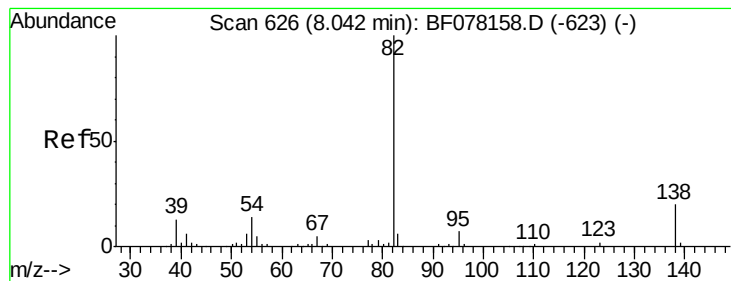
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#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.70 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	102308		
123	42.1	46.9	70.3#	
65	12.6	9.5	14.3	





#25

Isophorone

Concen: 40.52 ng

RT: 8.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

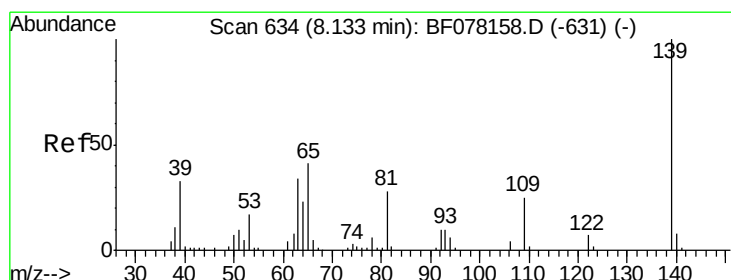
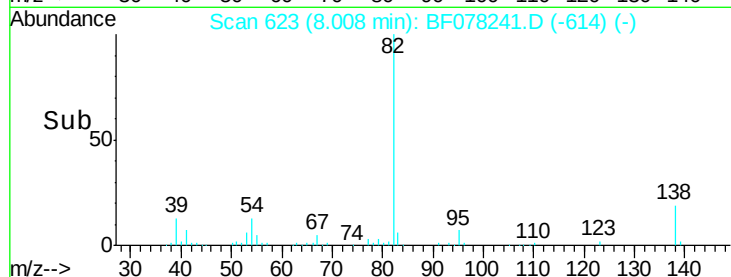
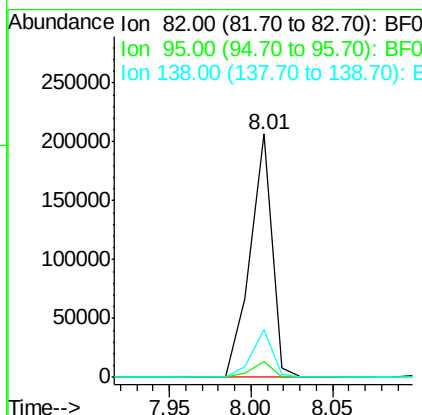
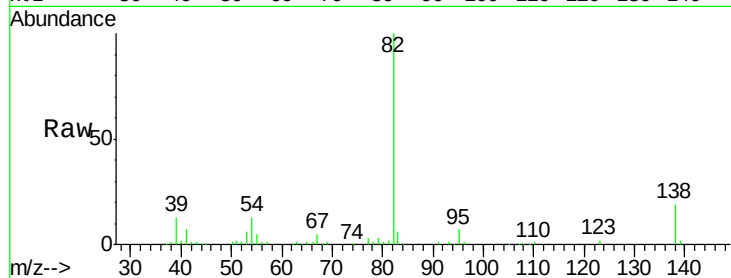
ClientSampleId :

PB82450BS

Tot Ion:	82	Resp:	193556
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.5	15.8	23.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.41 ng

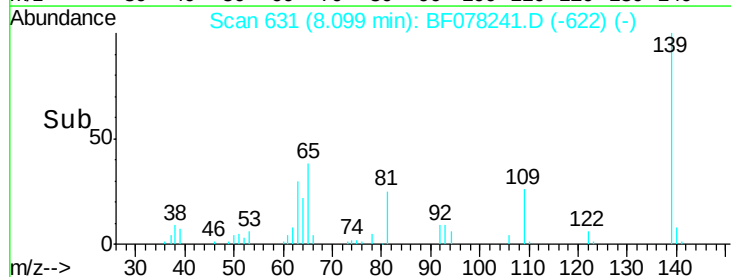
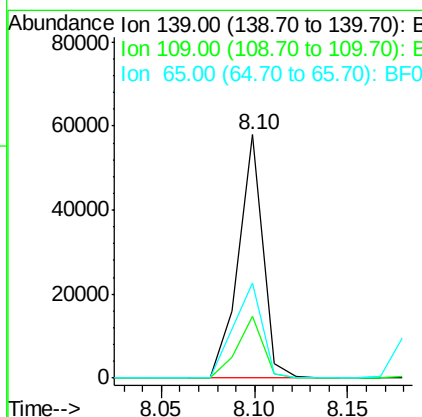
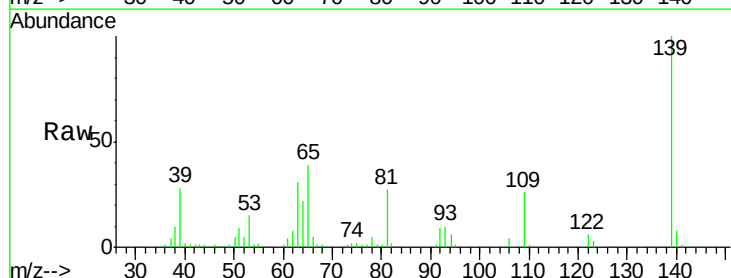
RT: 8.10 min Scan# 631

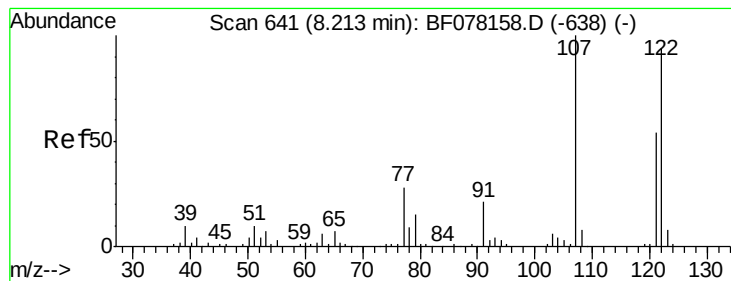
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	139	Resp:	53176
Ion Ratio		Lower	Upper
139	100		
109	25.6	19.8	29.8
65	39.1	32.7	49.1





#27

2,4-Dimethylphenol

Concen: 39.53 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF078241.D

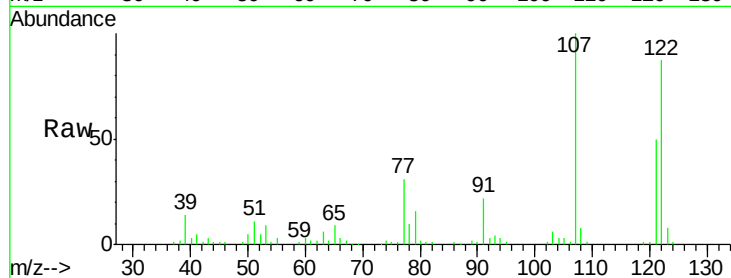
Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampled :

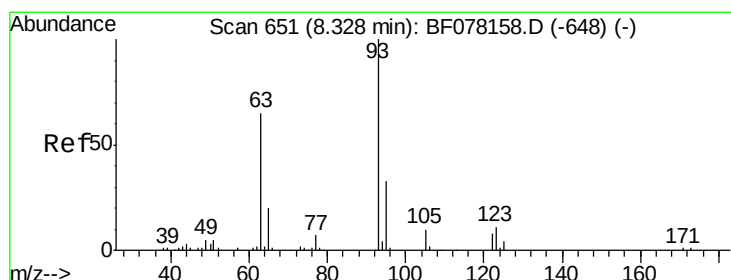
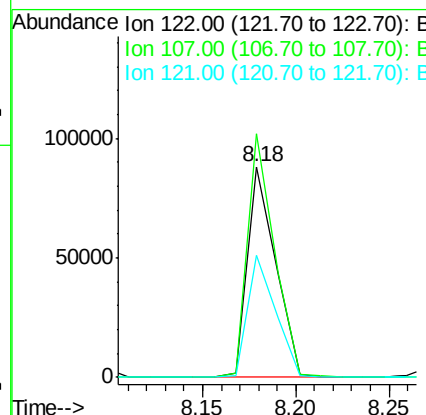
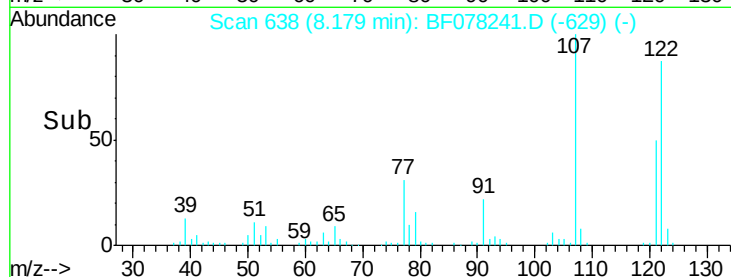
PB82450BS



Tot Ion:	122	Resp:	92151
Ion Ratio	Lower	Upper	
122	100		
107	115.5	84.6	127.0
121	58.1	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

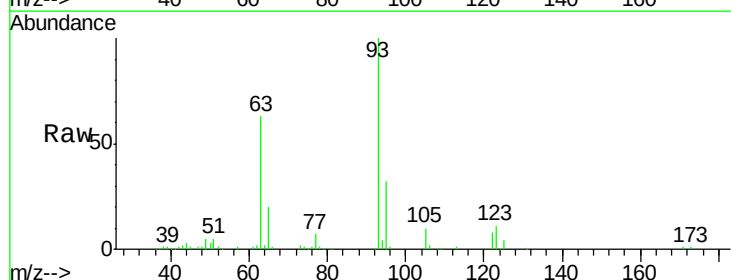
Concen: 41.77 ng

RT: 8.29 min Scan# 648

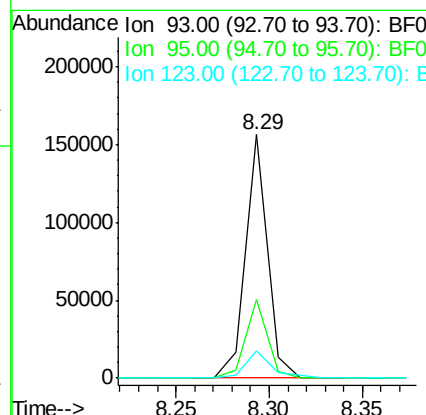
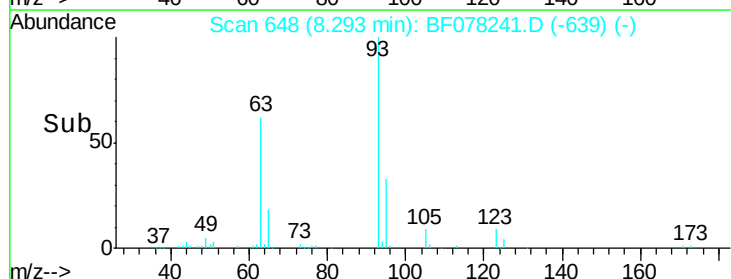
Delta R.T. 0.00 min

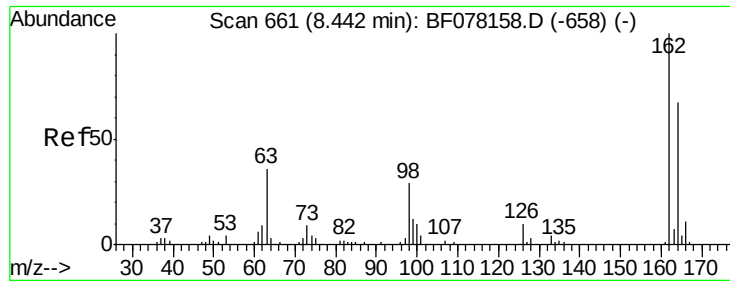
Lab File: BF078241.D

Acq: 3 Apr 2015 14:51



Tgt Ion:	93	Resp:	127918
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.3	9.1	13.7





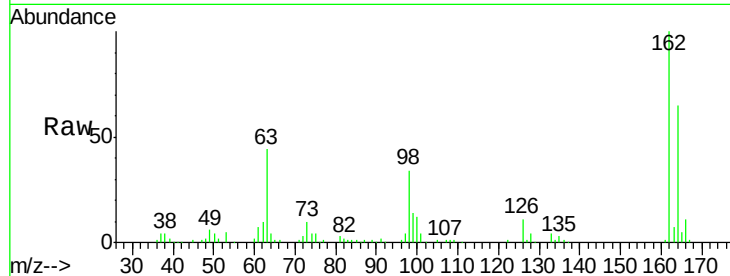
#29
 2,4-Dichlorophenol
 Concen: 41.81 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB82450BS

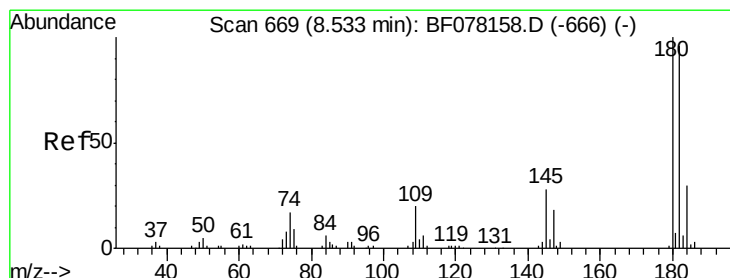
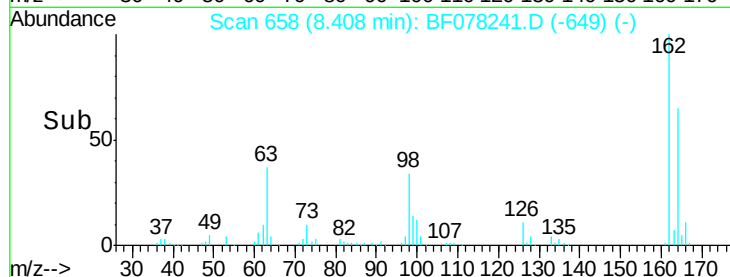
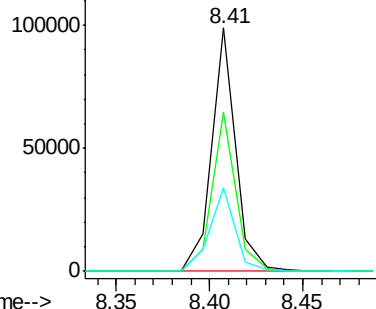
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.5	47.0	87.0	
98	34.1	9.2	49.2	

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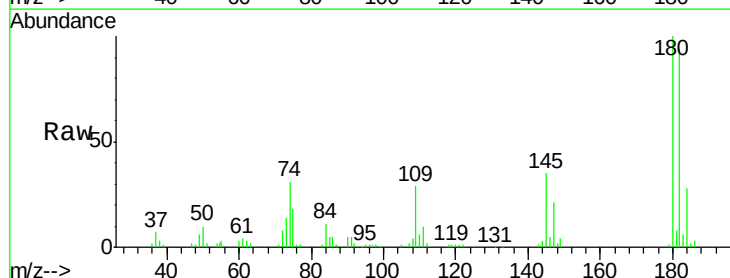


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

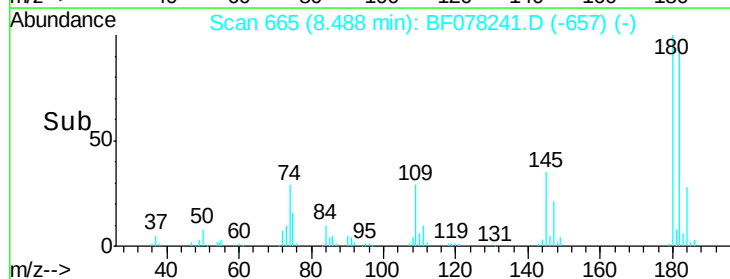
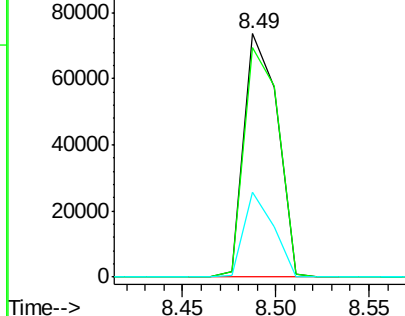


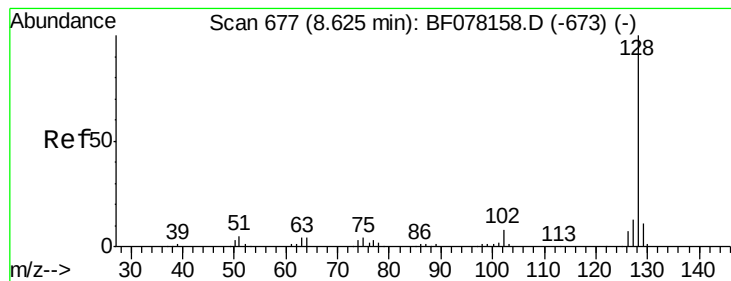
#30
 1,2,4-Trichlorobenzene
 Concen: 37.67 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	76.9	115.3	
145	34.7	22.5	33.7#	



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





#31

Naphthalene

Concen: 37.54 ng

RT: 8.58 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

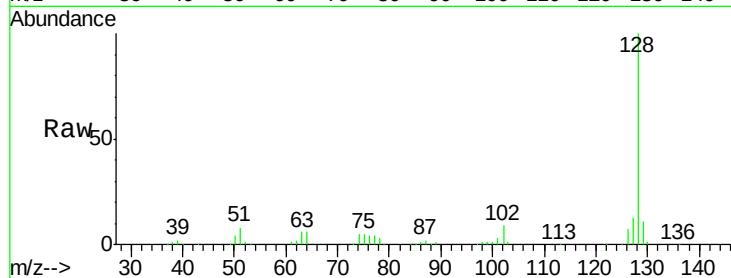
ClientSampleId :

PB82450BS

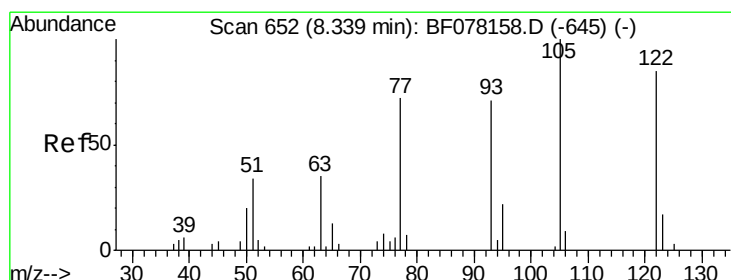
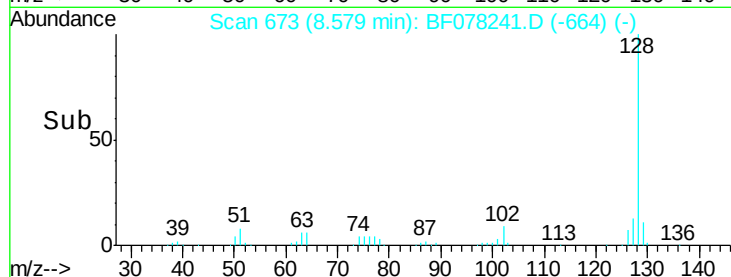
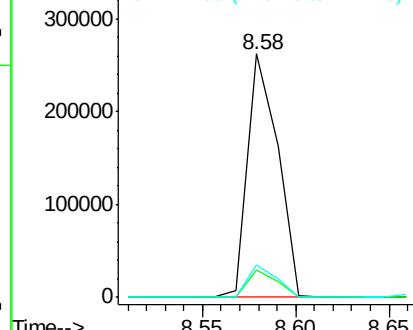
Tot Ion:	128	Resp:	298053
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	13.3	10.7	16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.66 ng

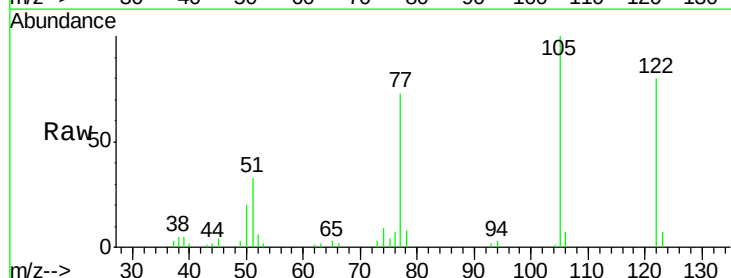
RT: 8.32 min Scan# 650

Delta R.T. 0.00 min

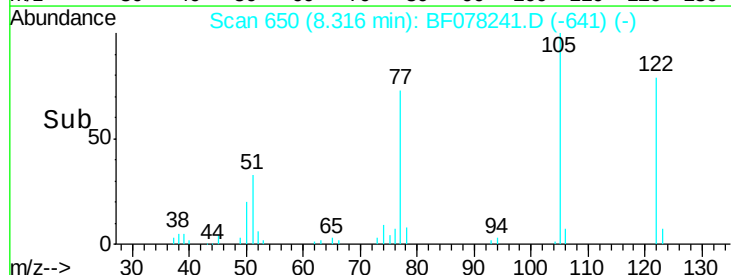
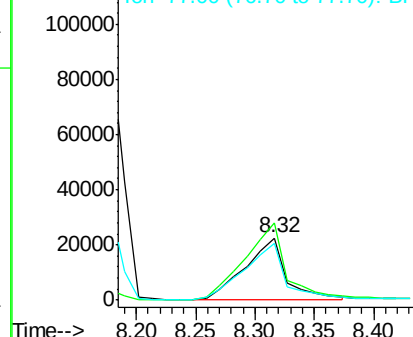
Lab File: BF078241.D

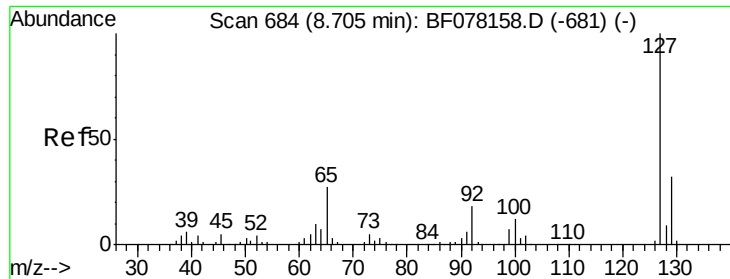
Acq: 3 Apr 2015 14:51

Tgt Ion:	122	Resp:	55944
Ion Ratio	Lower	Upper	
122	100		
105	124.7	96.1	136.1
77	91.0	64.1	104.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





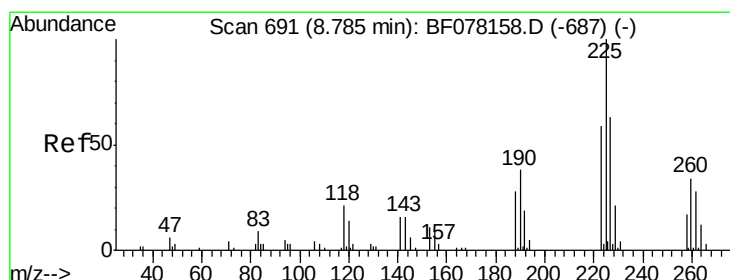
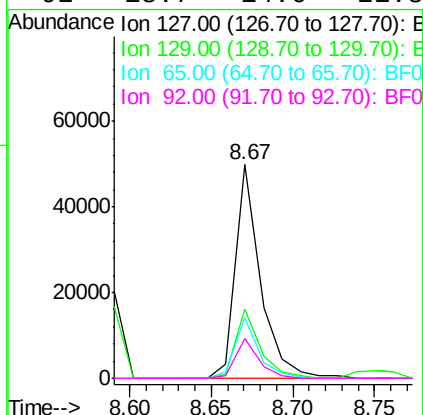
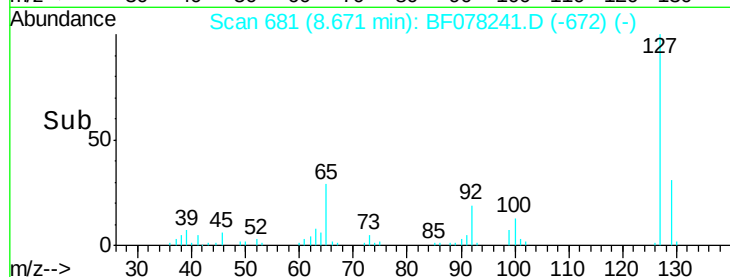
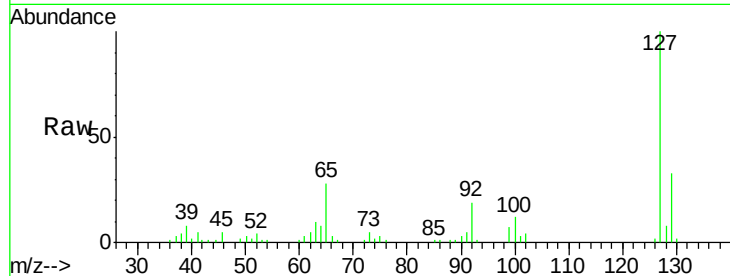
#33
4-Chloroaniline
Concen: 15.90 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.5	38.3		
65	28.0	21.7	32.5		
92	18.7	14.6	21.8		

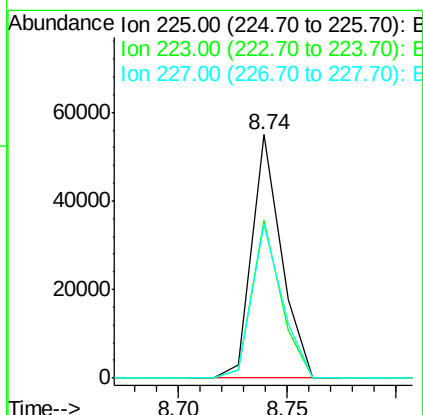
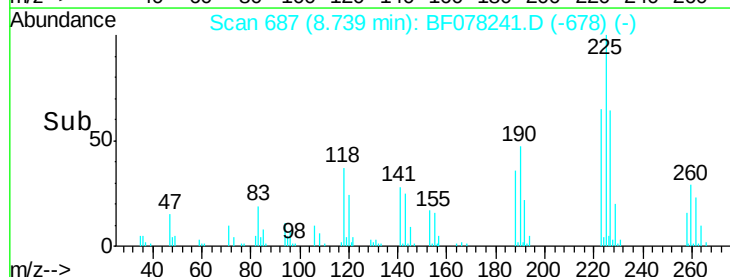
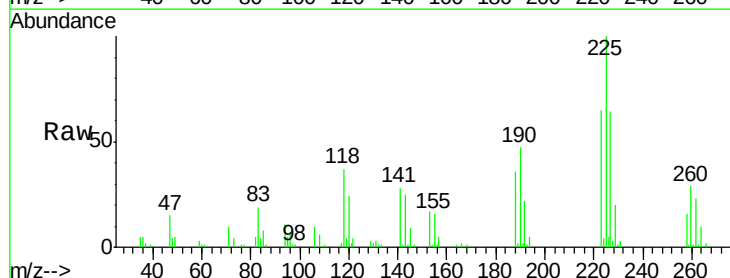
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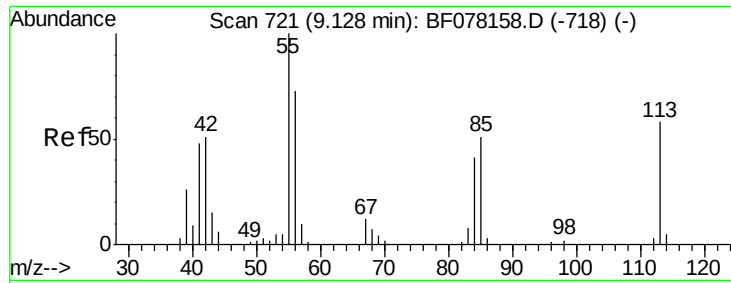
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#34
Hexachlorobutadiene
Concen: 38.93 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.9	47.5	71.3		
227	63.5	50.2	75.2		





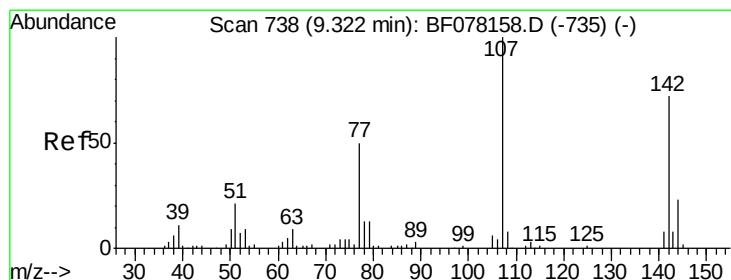
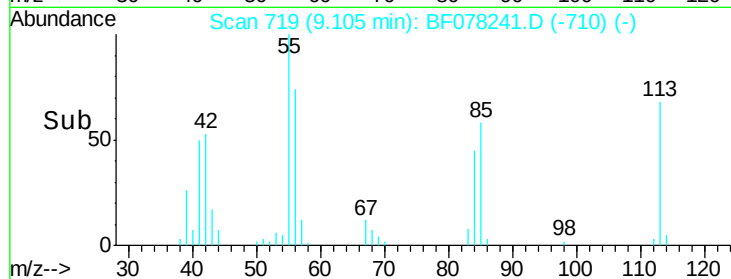
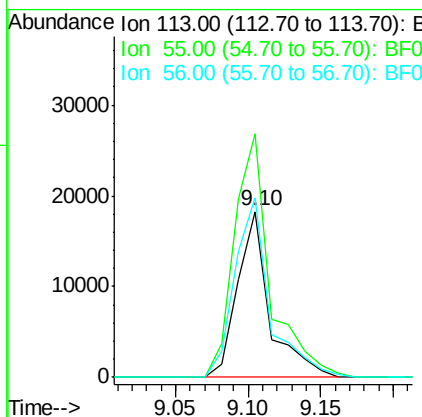
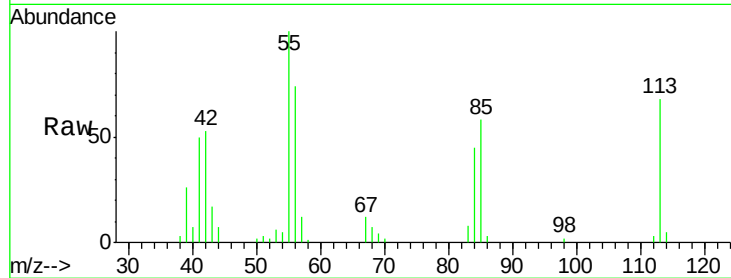
#35
 Caprolactam
 Concen: 44.35 ng
 RT: 9.10 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion:113 Resp: 28078
 Ion Ratio Lower Upper
 113 100
 55 147.0 151.9 191.9#
 56 108.9 106.1 146.1

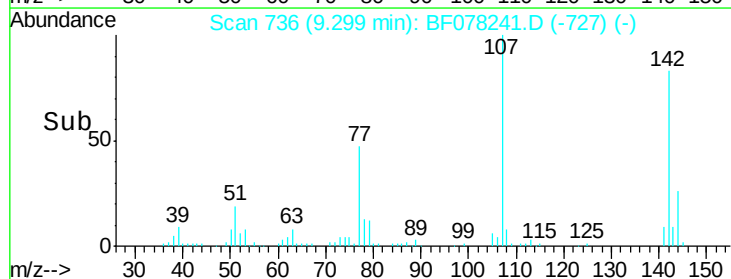
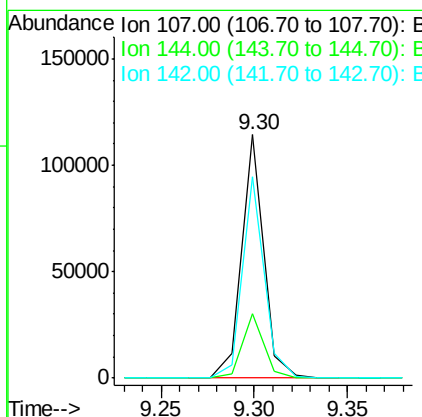
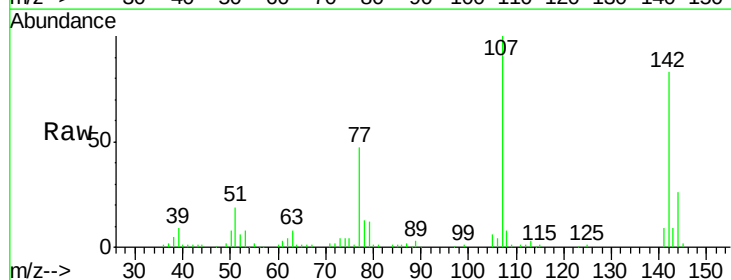
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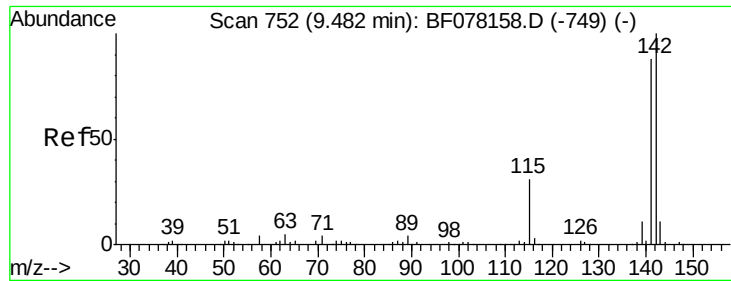
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#36
 4-Chloro-3-methylphenol
 Concen: 44.30 ng
 RT: 9.30 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion:107 Resp: 94811
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.2 27.2
 142 82.7 58.0 87.0





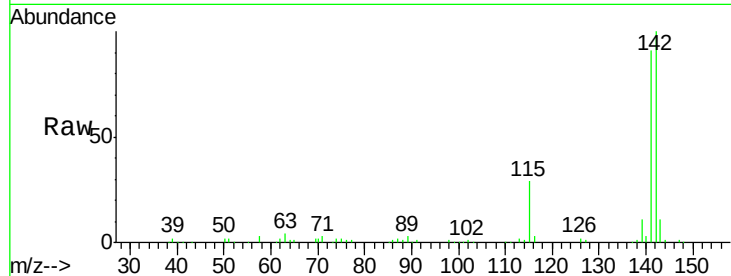
#37
2-Methylnaphthalene
Concen: 38.06 ng
RT: 9.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

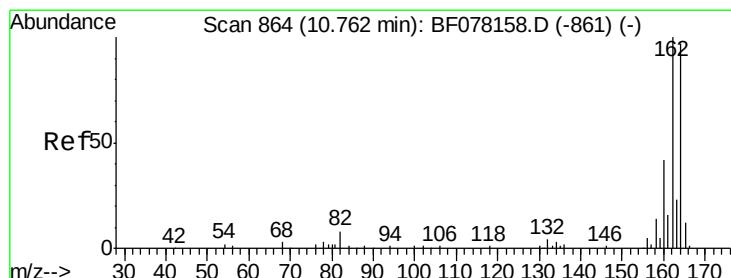
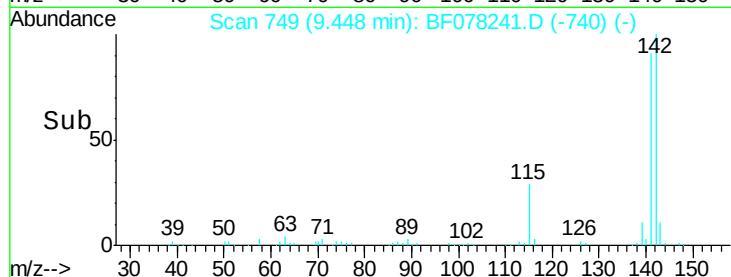
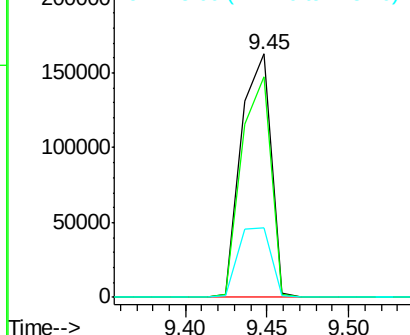
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5
115	28.6	24.6	37.0

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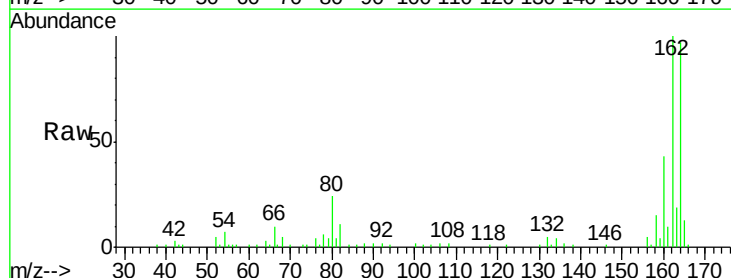


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

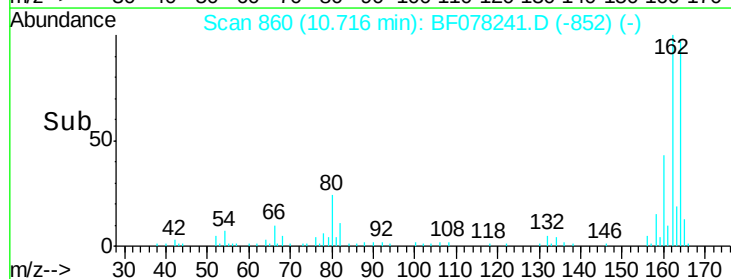
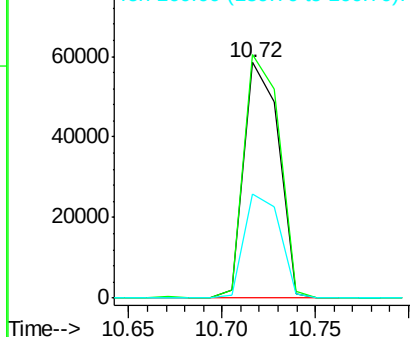


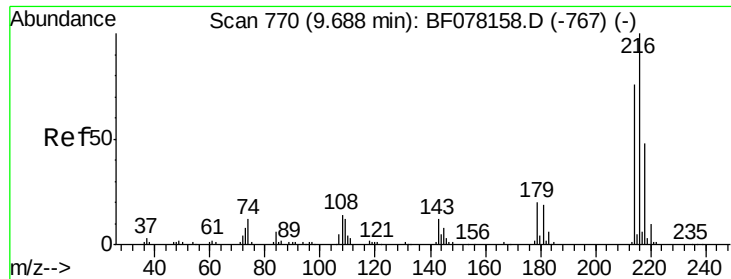
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.2
160	44.1	34.7	52.1



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





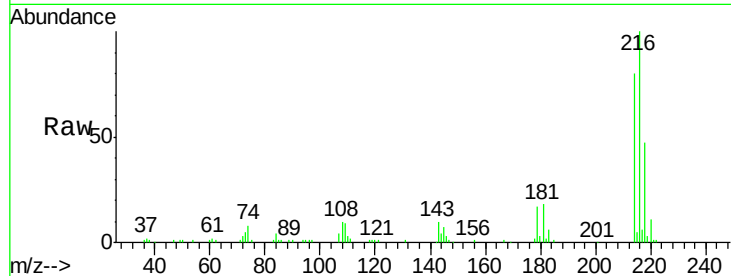
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.69 ng
 RT: 9.65 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB82450BS

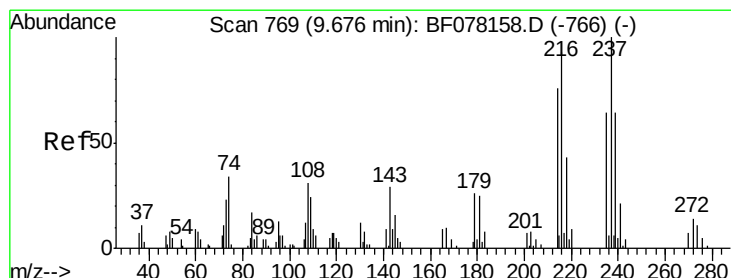
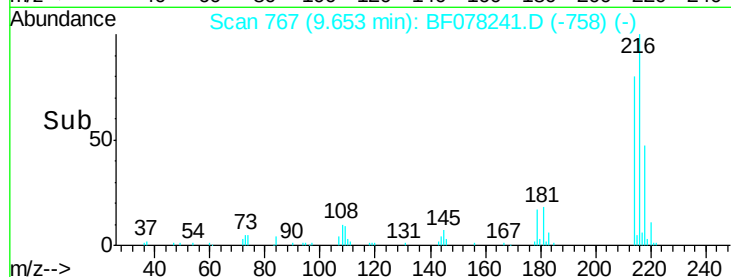
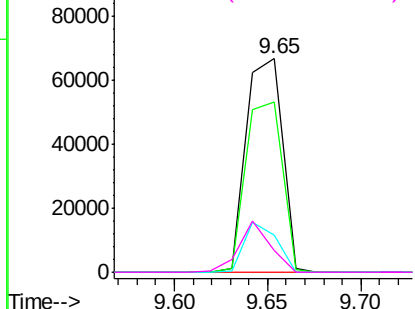
Tot Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.0	93.0
179	20.9	17.3	25.9
108	20.5	14.6	21.8

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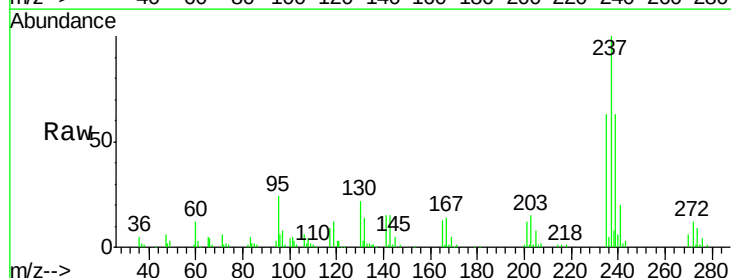


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

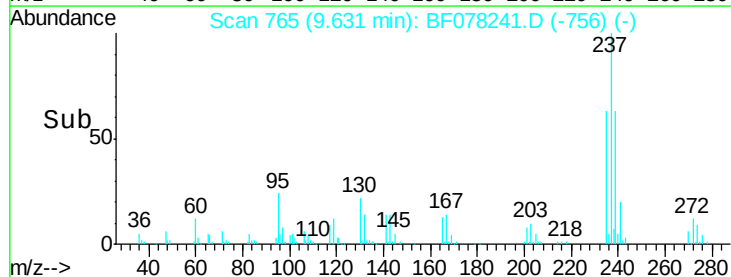
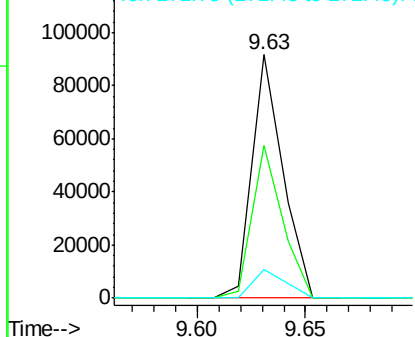


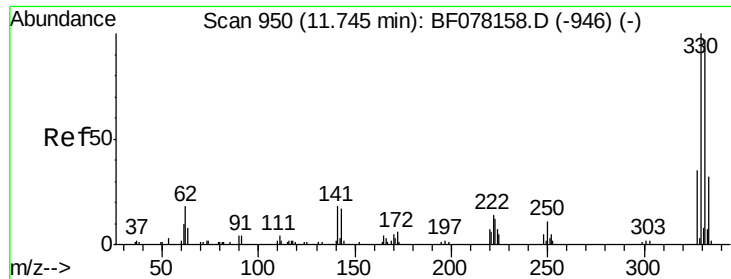
#40
 Hexachlorocyclopentadiene
 Concen: 89.20 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.1	84.1
272	11.6	0.0	34.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





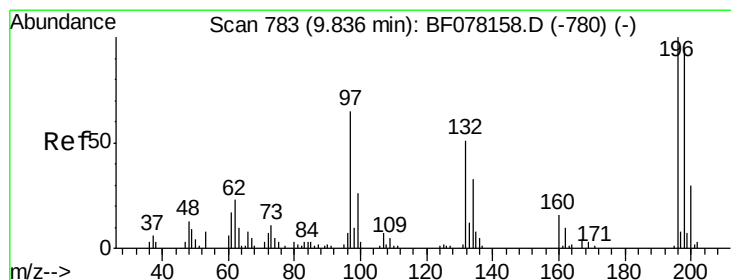
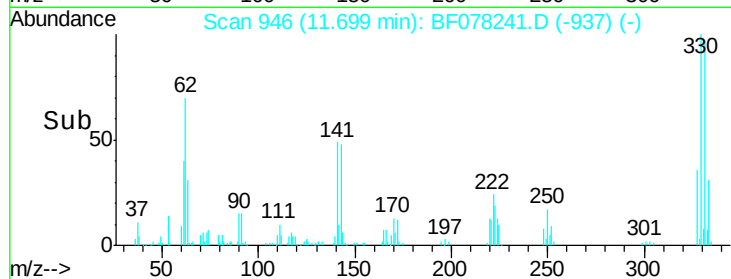
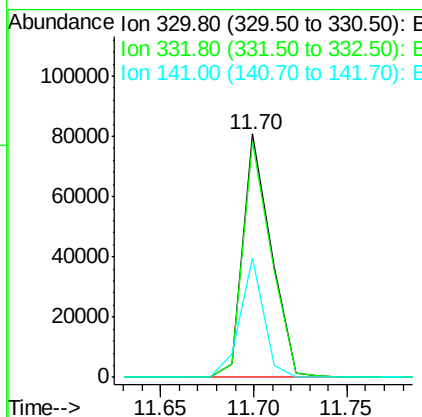
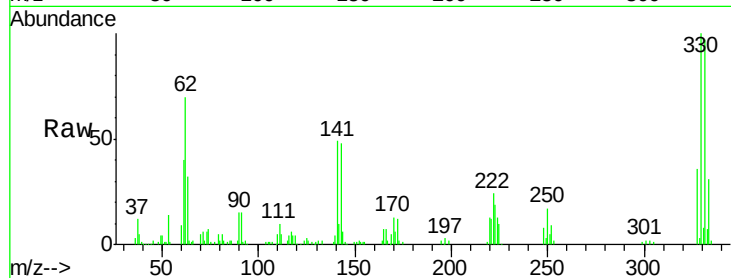
#41
 2,4,6-Tribromophenol
 Concen: 136.44 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	85208		
332	96.6		78.6	117.8
141	41.7		31.2	46.8

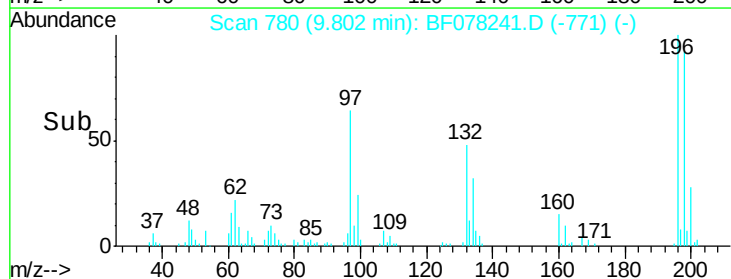
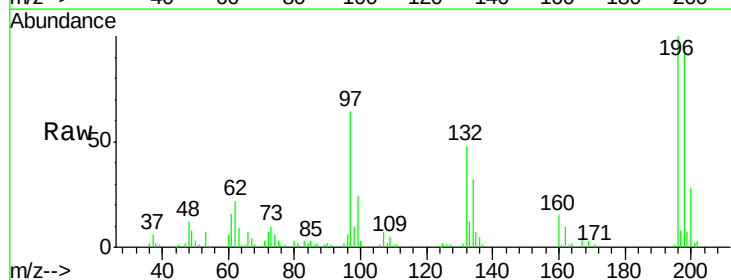
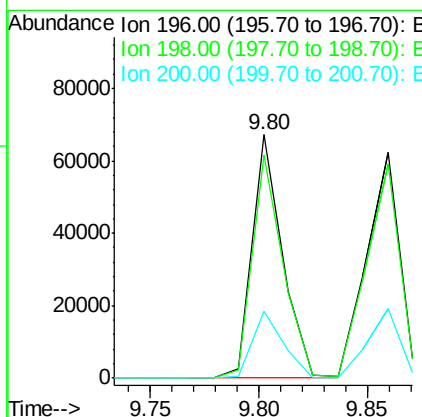
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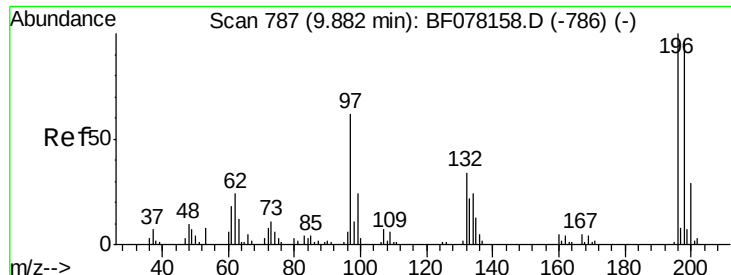
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 44.28 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65147		
198	91.7		75.4	113.2
200	27.7		24.0	36.0





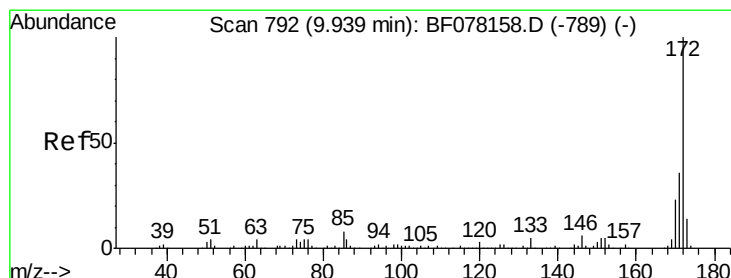
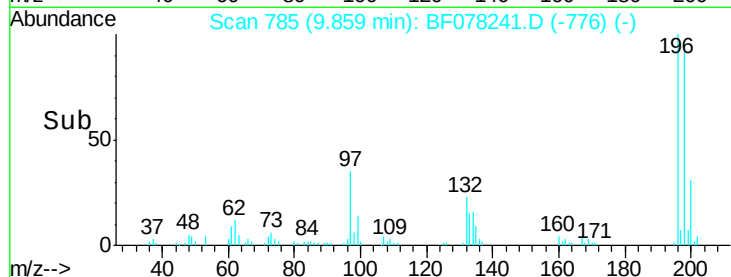
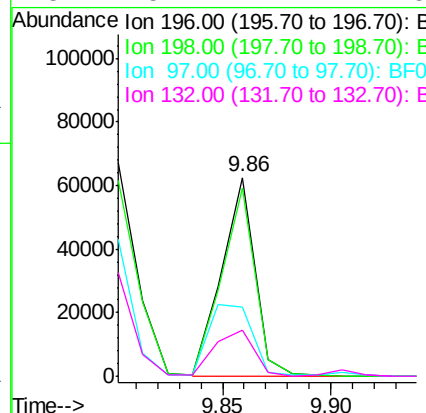
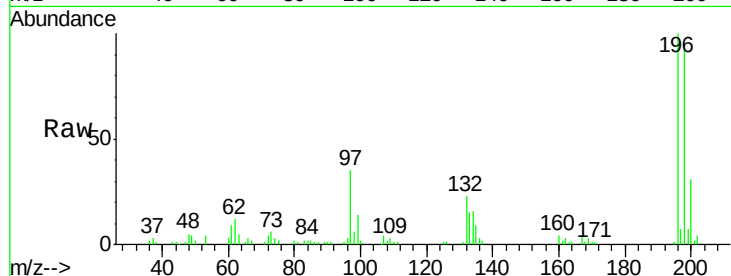
#43
 2,4,5-Trichlorophenol
 Concen: 43.39 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleID :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	66703		
198	94.8	76.6	115.0	
97	34.8	50.6	75.8	
132	23.2	27.7	41.5	

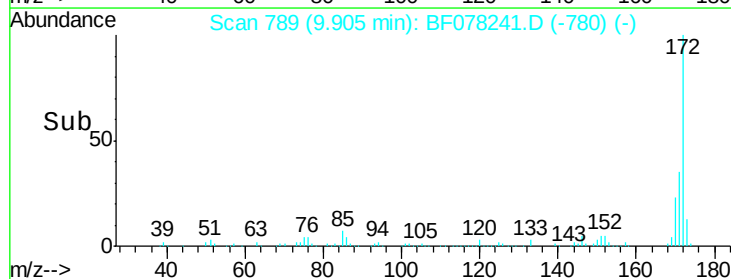
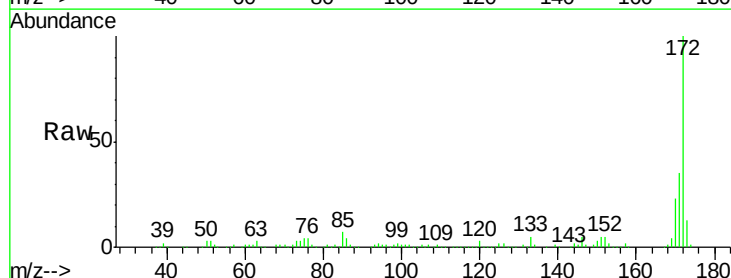
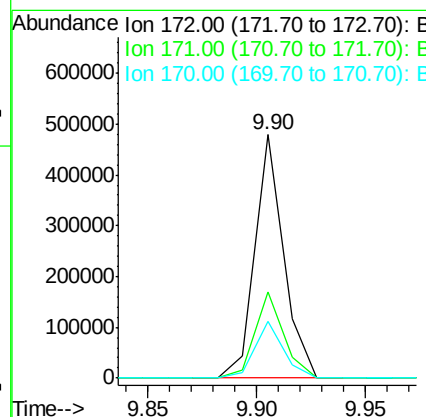
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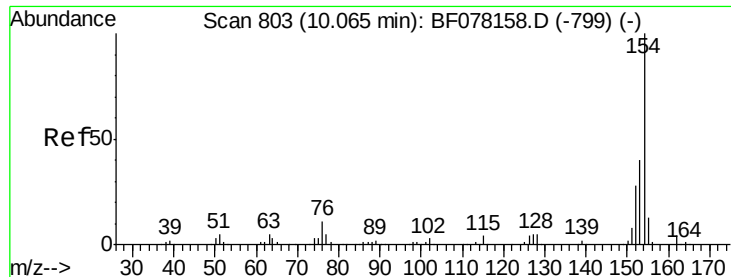
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#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	438610		
171	35.2	28.6	42.8	
170	23.4	18.5	27.7	





#45

1,1'-Biphenyl

Concen: 40.53 ng

RT: 10.03 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

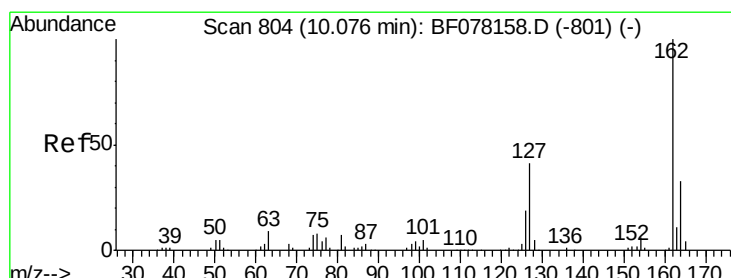
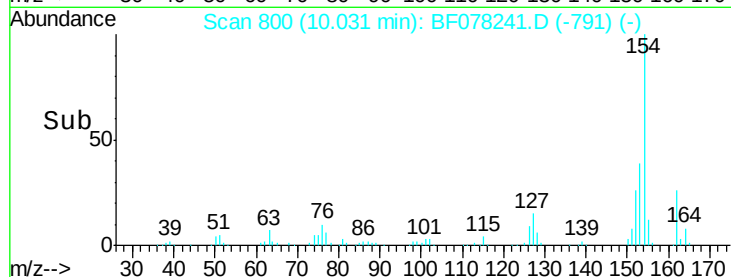
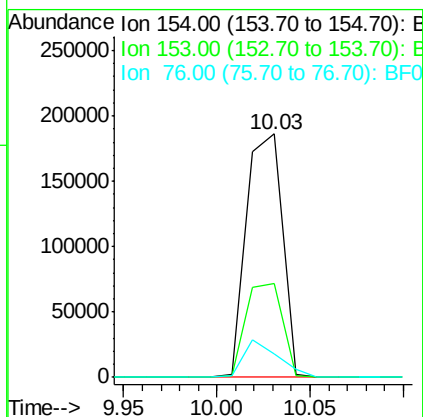
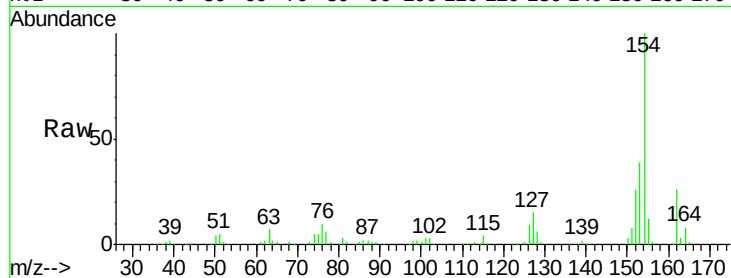
ClientSampleId :

PB82450BS

Tot Ion:	154	Resp:	249650
Ion Ratio	Lower	Upper	
154	100		
153	38.7	20.0	60.0
76	9.9	0.0	30.6

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#46

2-Chloronaphthalene

Concen: 41.74 ng

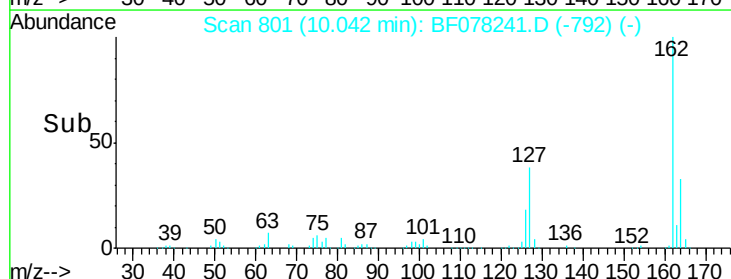
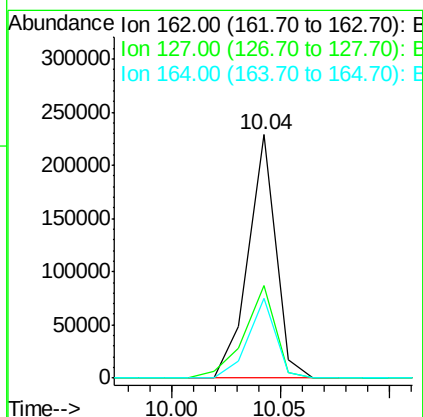
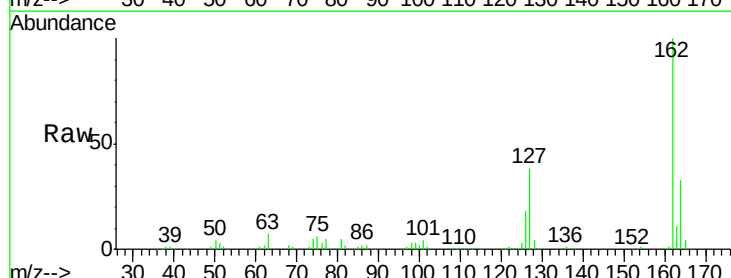
RT: 10.04 min Scan# 801

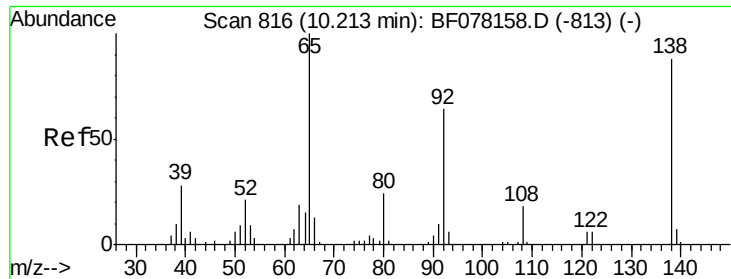
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	162	Resp:	202285
Ion Ratio	Lower	Upper	
162	100		
127	38.1	32.6	49.0
164	33.0	26.0	39.0





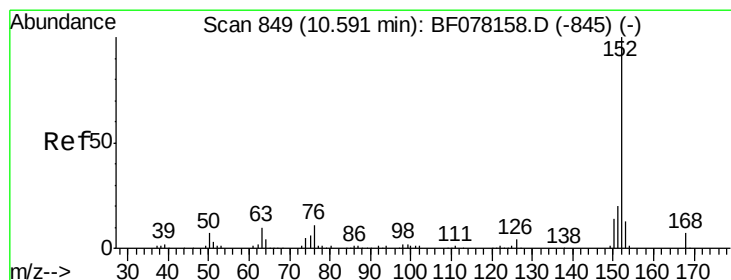
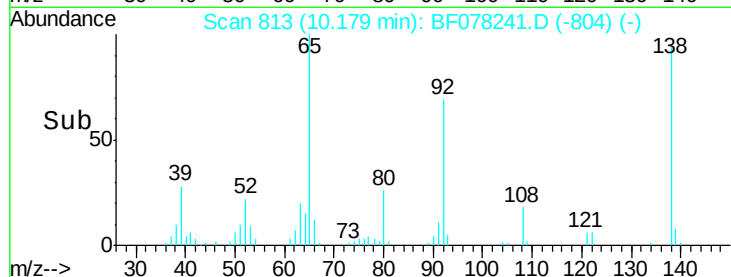
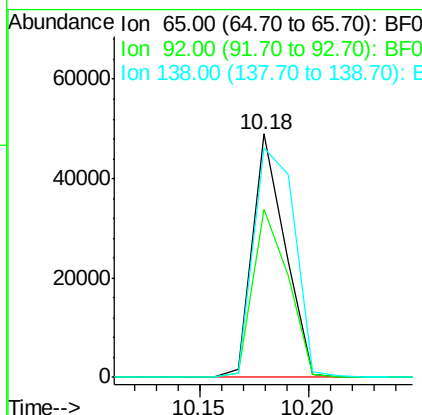
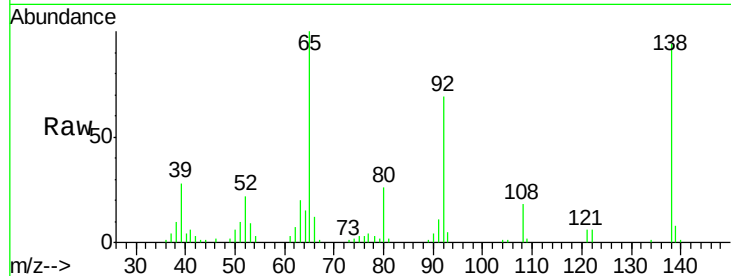
#47
2-Nitroaniline
Concen: 42.72 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	51.3	76.9
138	94.2	70.4	105.6

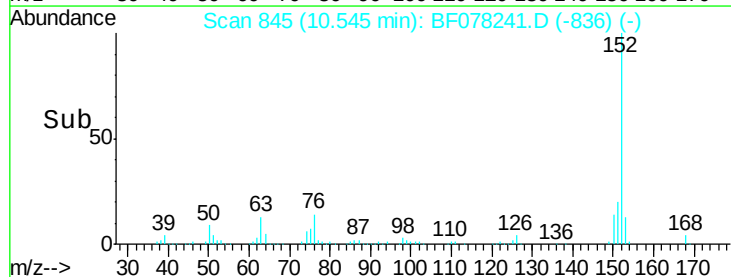
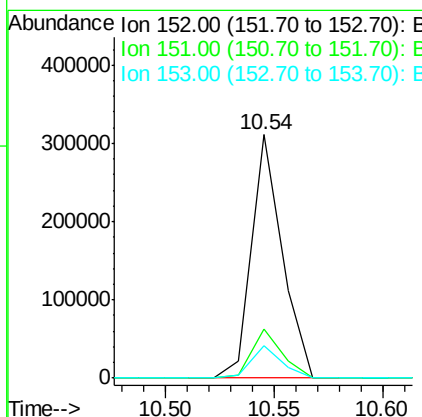
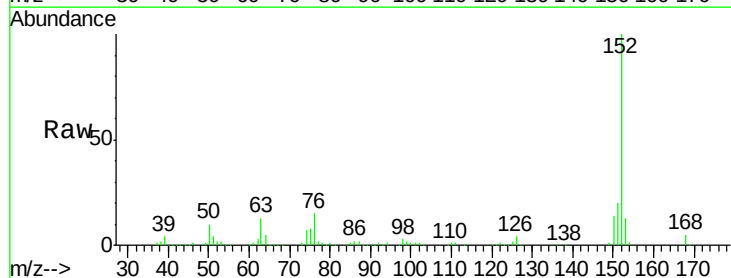
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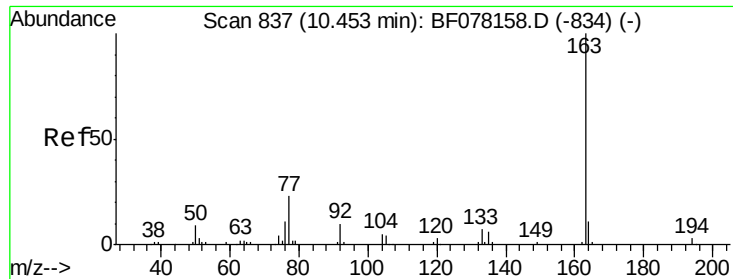
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#48
Acenaphthylene
Concen: 39.13 ng
RT: 10.54 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.2	10.2	15.2





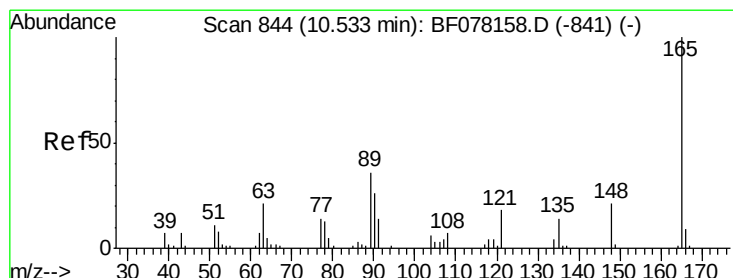
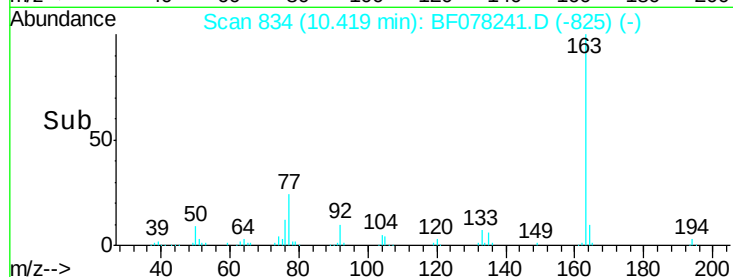
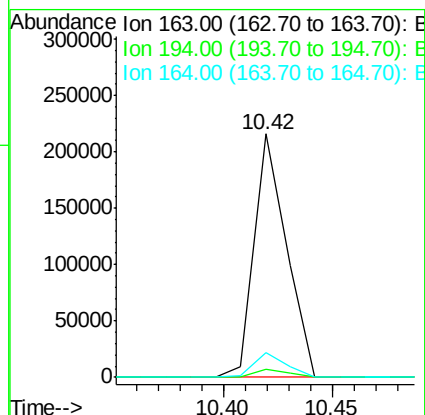
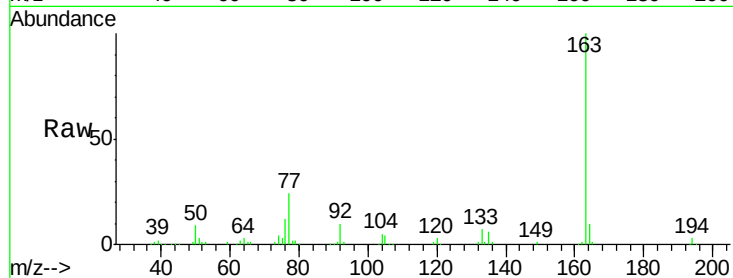
#49
Dimethylphthalate
Concen: 39.35 ng
RT: 10.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.3	3.5
164	10.4	8.6	13.0

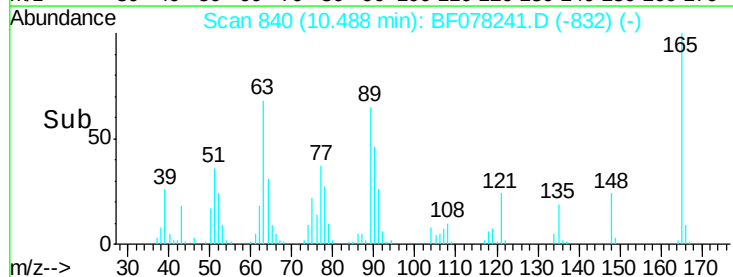
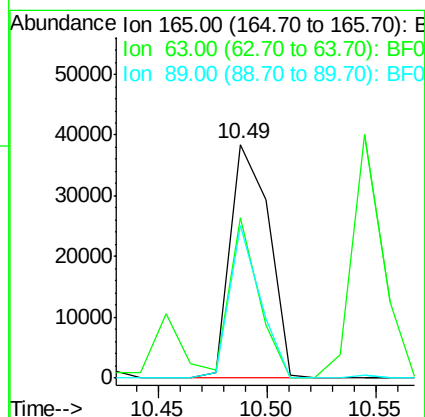
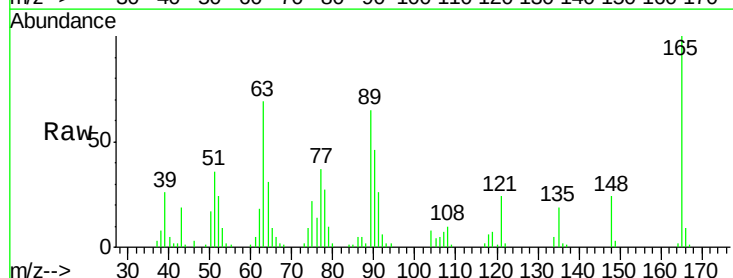
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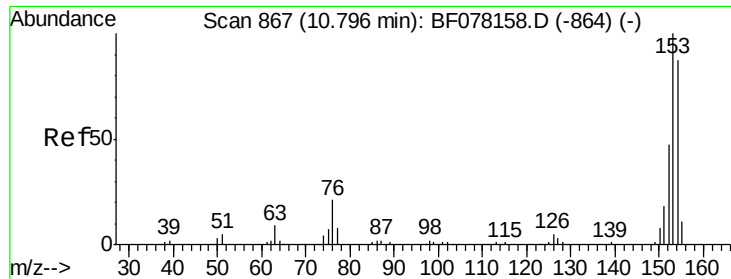
apatel
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#50
2,6-Dinitrotoluene
Concen: 40.72 ng
RT: 10.49 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	68.6	24.1	36.1#
89	65.1	28.9	43.3#





#51

Acenaphthene

Concen: 41.77 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078241.D

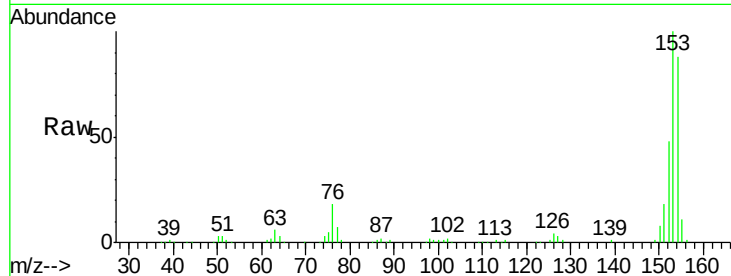
Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

ClientSampleId :

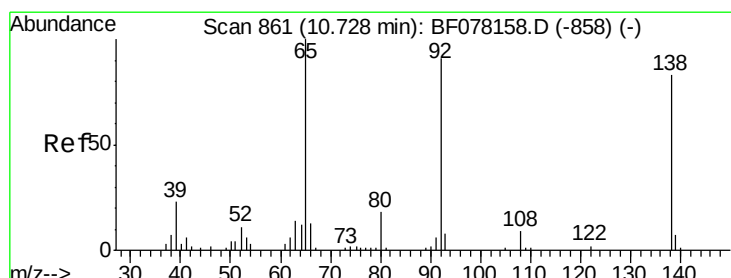
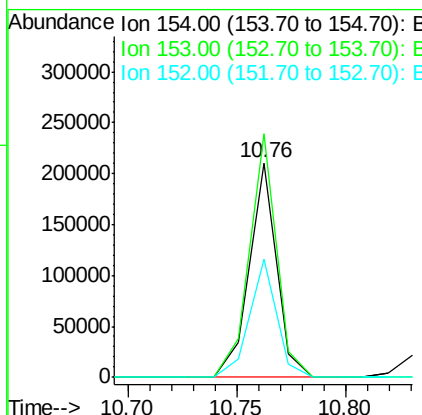
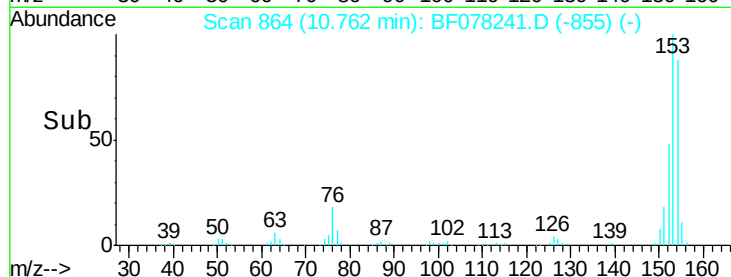
PB82450BS



Tot Ion:	154	Resp:	184050
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.4	137.2
152	54.9	43.0	64.6

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#52

3-Nitroaniline

Concen: 22.16 ng

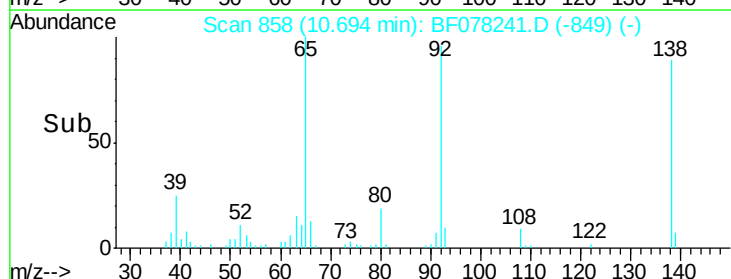
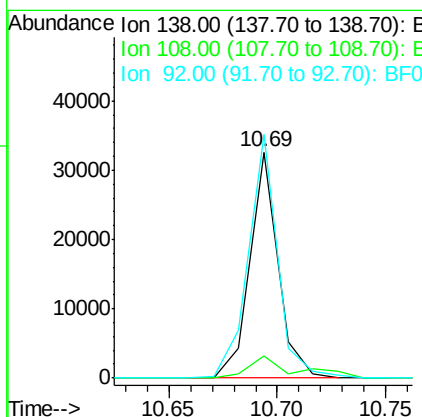
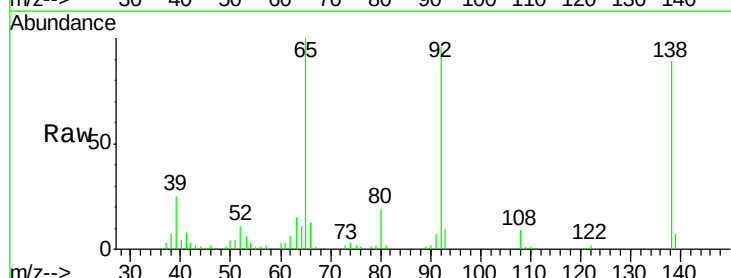
RT: 10.69 min Scan# 858

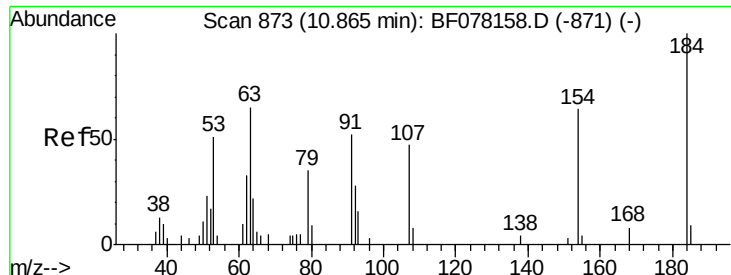
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	138	Resp:	29324
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.2	12.4
92	107.8	88.4	132.6





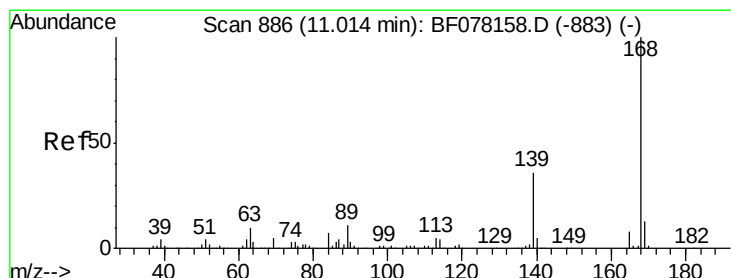
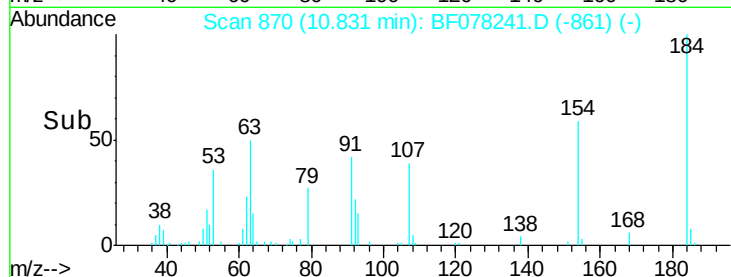
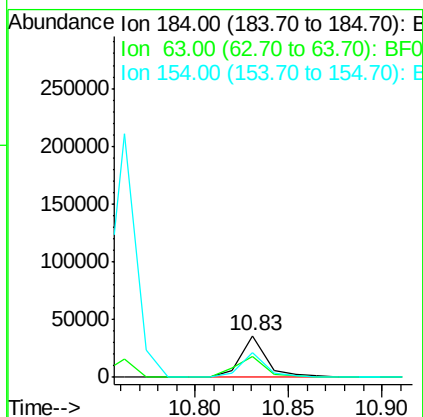
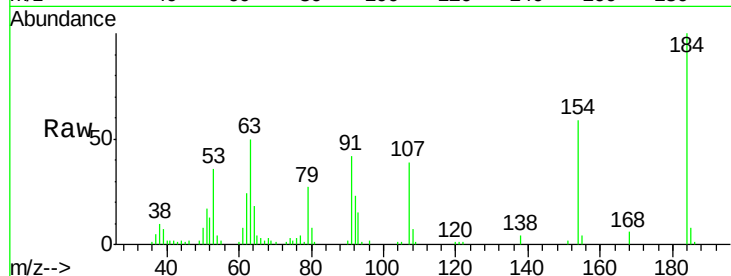
#53
 2,4-Dinitrophenol
 Concen: 78.77 ng
 RT: 10.83 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.1	51.9	77.9	
154	59.2	51.0	76.4	

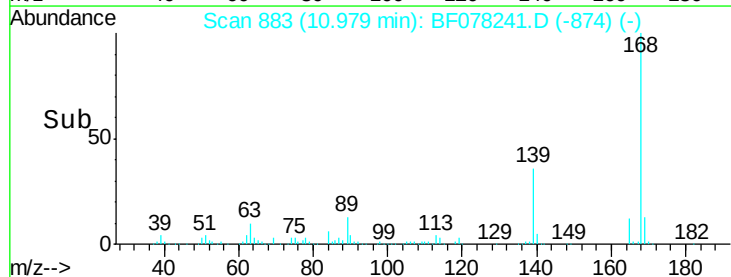
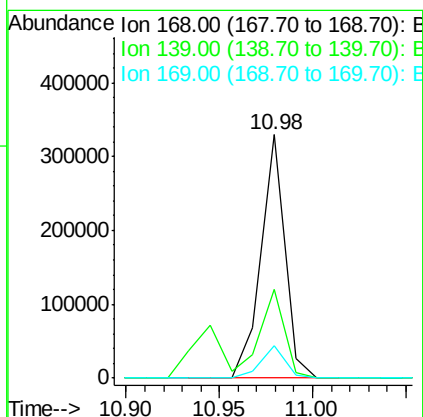
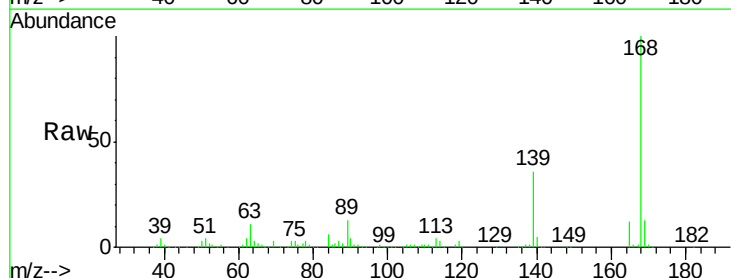
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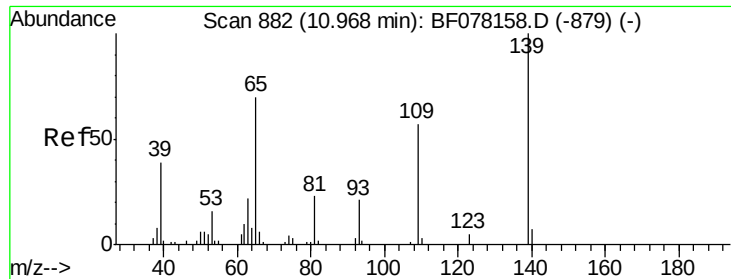
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#54
 Dibenzofuran
 Concen: 43.40 ng
 RT: 10.98 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.4	31.0	46.4	
169	13.2	10.7	16.1	





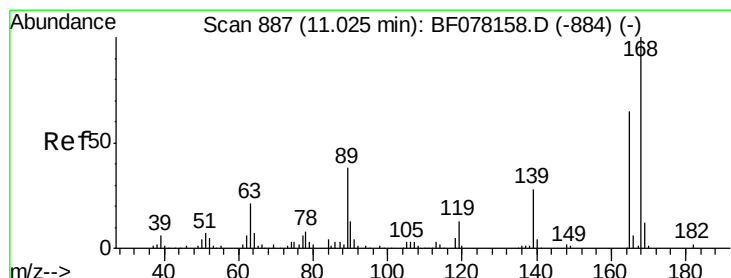
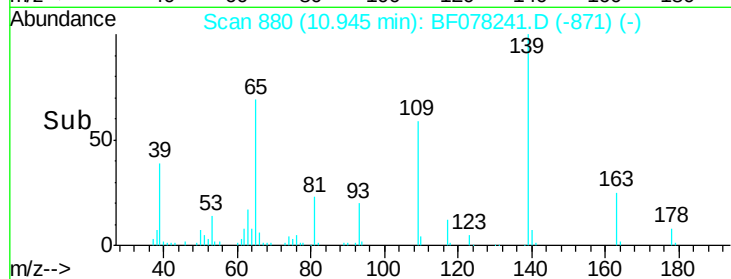
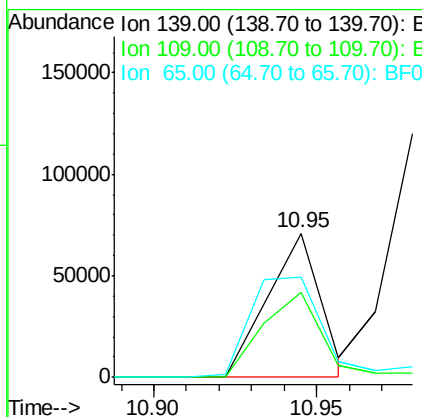
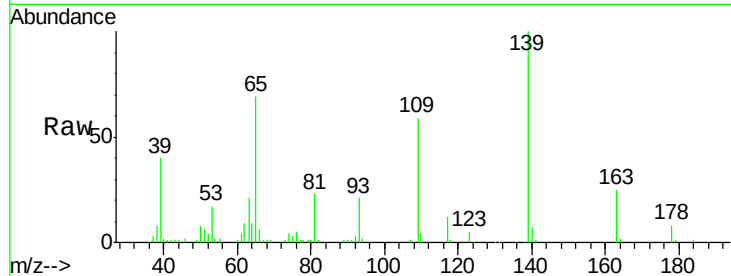
#55
4-Nitrophenol
Concen: 82.16 ng
RT: 10.95 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	80136		
109	58.7	36.7	76.7	
65	69.5	49.9	89.9	

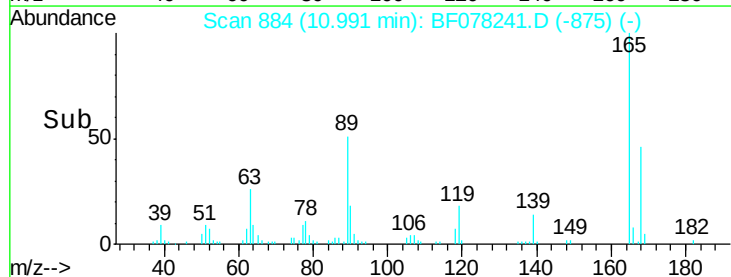
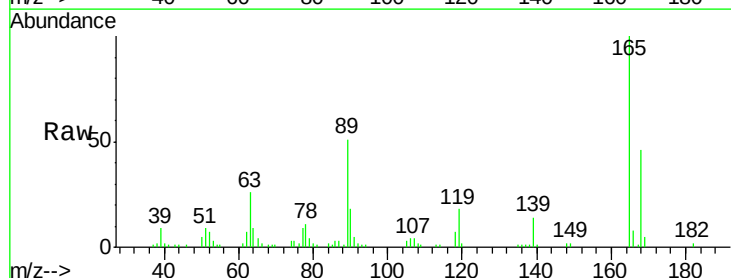
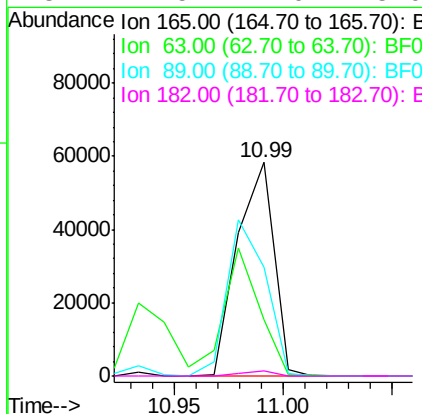
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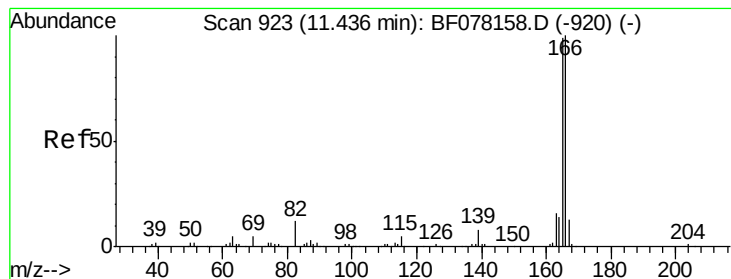
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#56
2,4-Dinitrotoluene
Concen: 45.39 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	68422		
63	26.3	26.5	39.7#	
89	50.8	46.4	69.6	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 43.32 ng

RT: 11.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

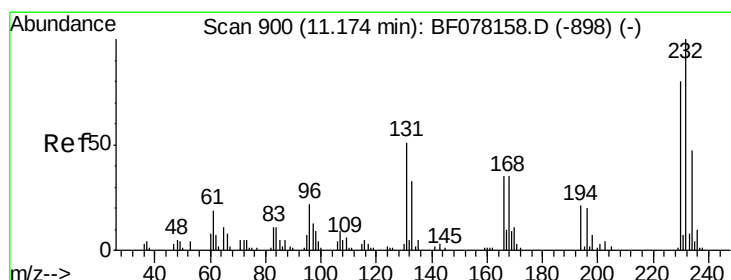
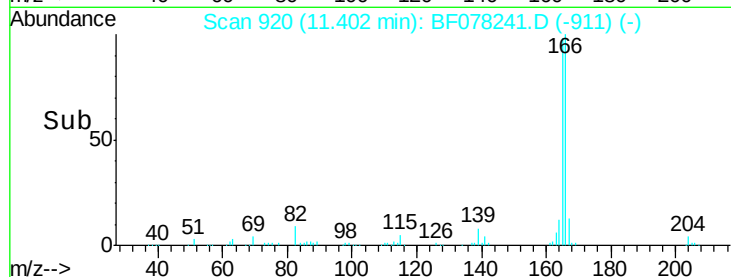
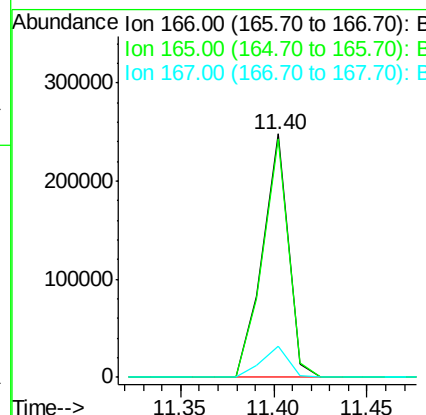
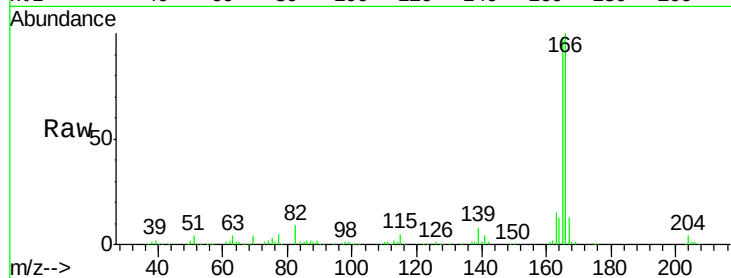
ClientSampleId :

PB82450BS

Tot Ion:	166	Resp:	236296
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.9	118.3
167	12.7	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.53 ng

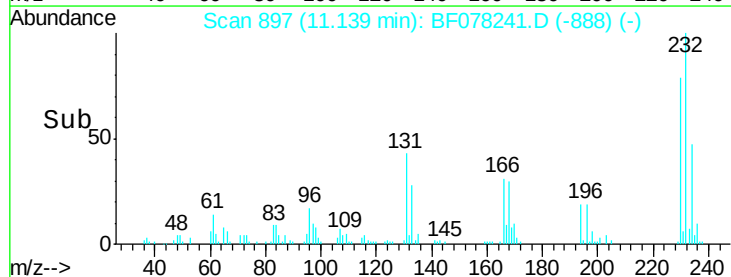
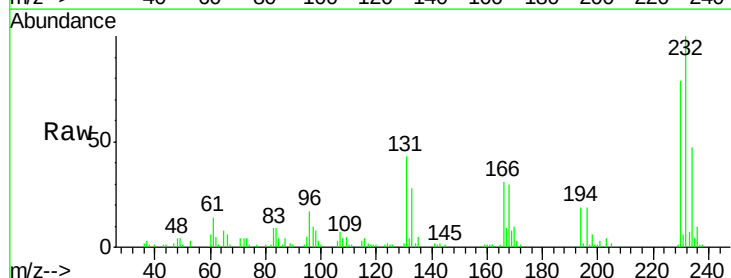
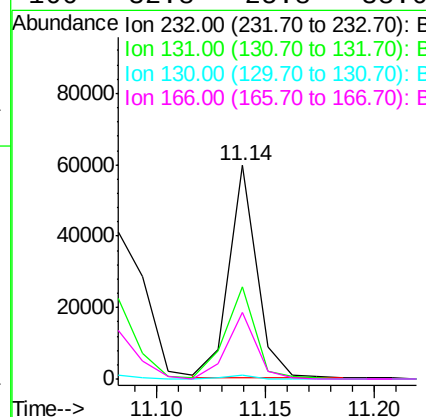
RT: 11.14 min Scan# 897

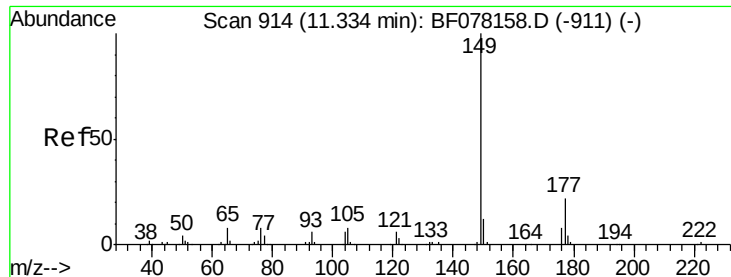
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	232	Resp:	53025
Ion Ratio	Lower	Upper	
232	100		
131	47.6	37.8	56.8
130	2.0	1.5	2.3
166	32.8	25.8	38.6





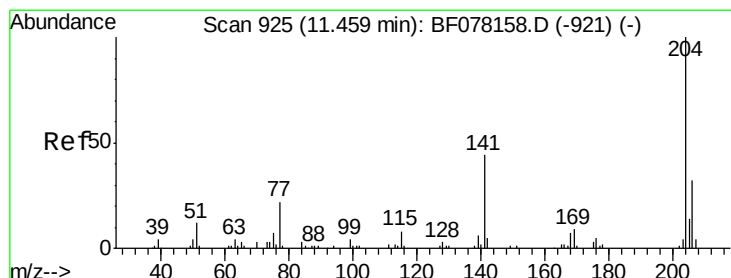
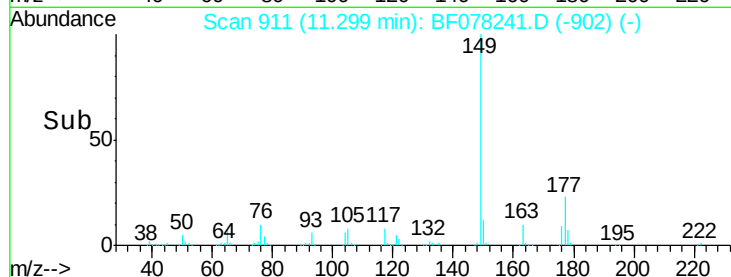
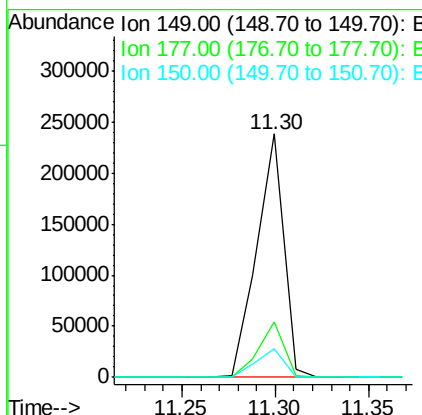
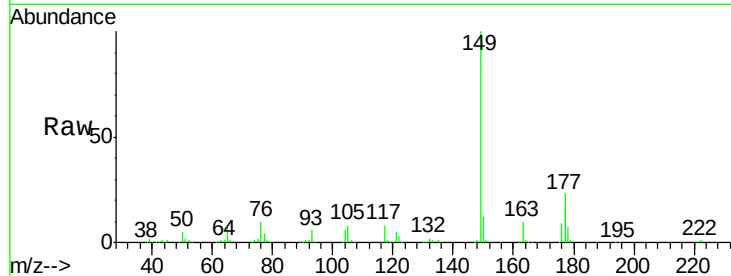
#59
Diethylphthalate
Concen: 43.69 ng
RT: 11.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	238322		
177	22.7		17.4	26.2
150	11.7		9.4	14.2

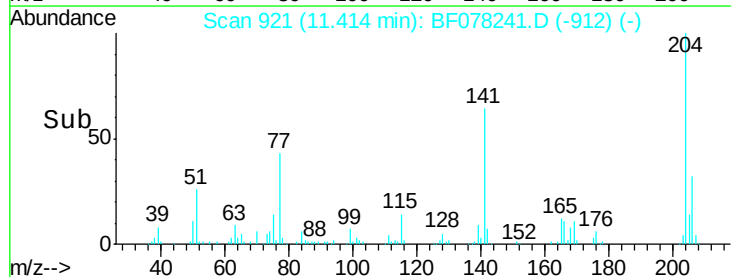
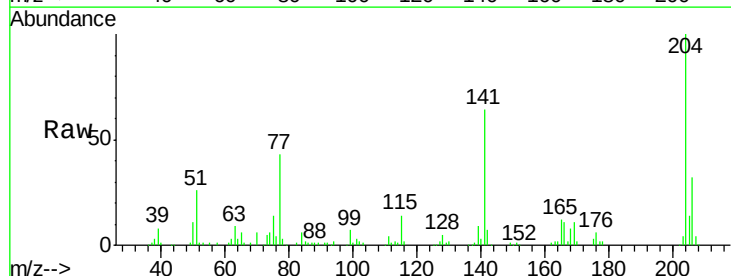
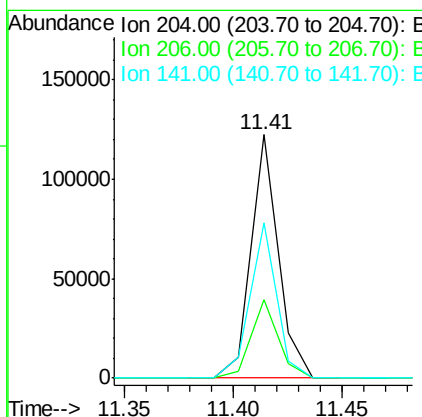
Manual Integrations
APPROVED

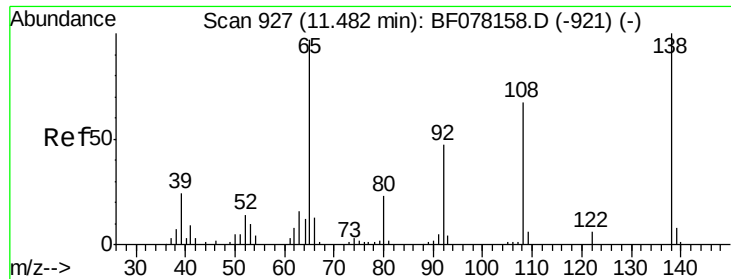
apatel
4/6/2015 4:33:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.69 ng
RT: 11.41 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	107126		
206	32.2		25.6	38.4
141	64.0		35.4	53.0#





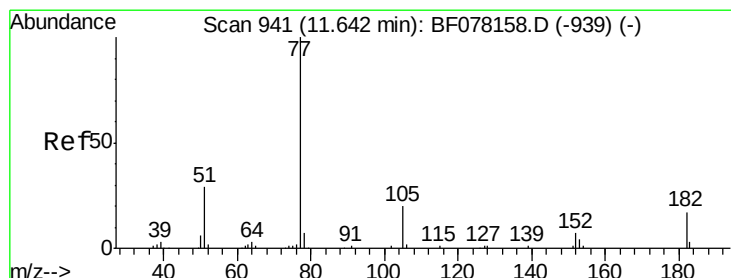
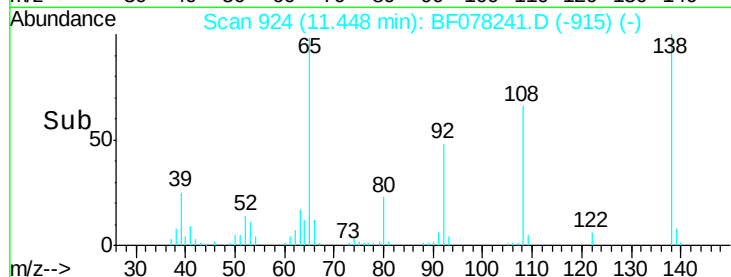
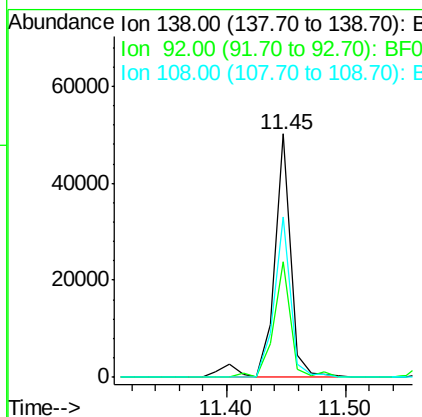
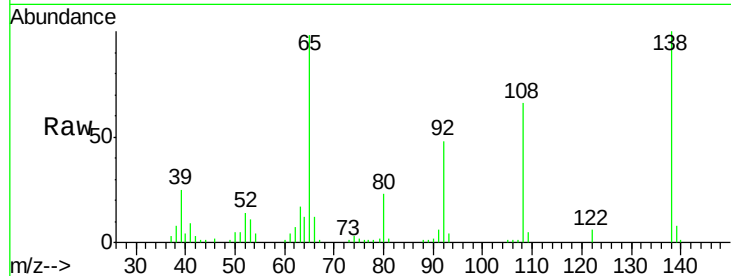
#61
4-Nitroaniline
Concen: 36.82 ng
RT: 11.45 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	27.3	67.3
108	66.0	47.2	87.2

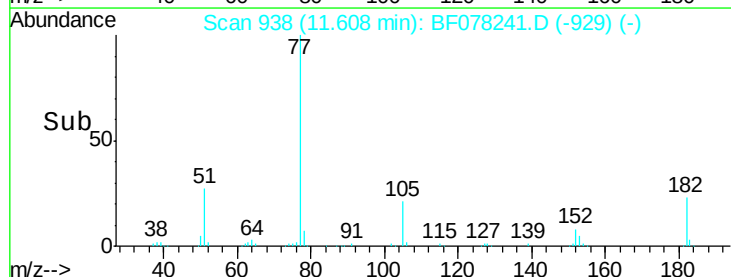
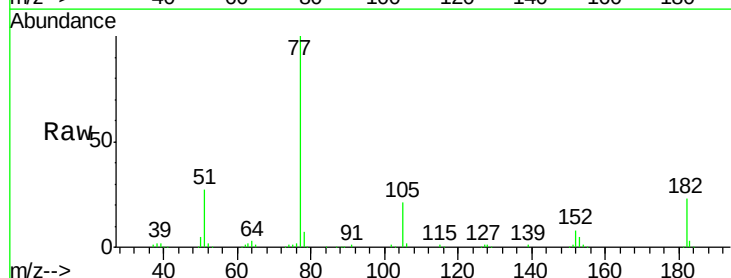
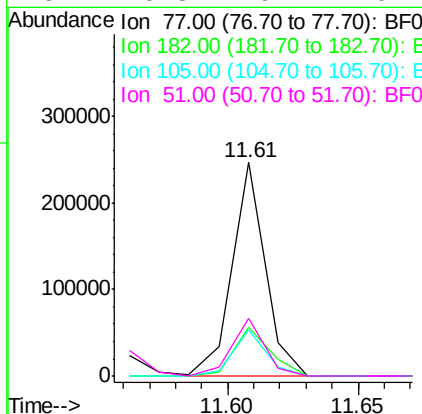
Manual Integrations
APPROVED

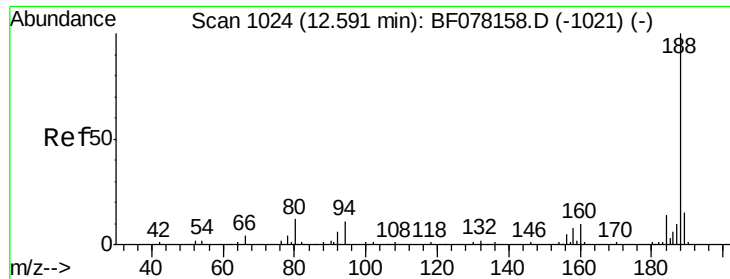
apatel
4/6/2015 4:33:12 PM



#62
Azobenzene
Concen: 44.08 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.0	36.8
105	21.5	0.3	40.3
51	26.8	9.1	49.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

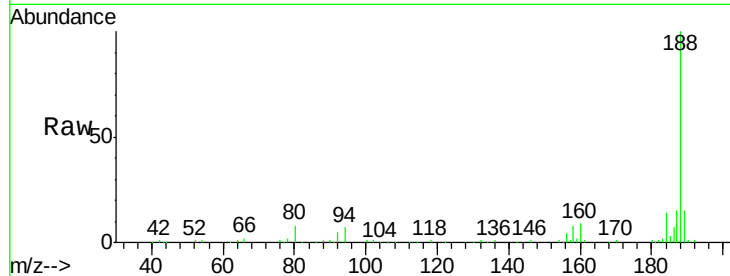
ClientSampleId :

PB82450BS

Tot Ion:	188	Resp:	145522
Ion Ratio	Lower	Upper	
188	100		
94	7.4	9.0	13.4#
80	7.6	9.5	14.3#

Manual Integrations
APPROVED

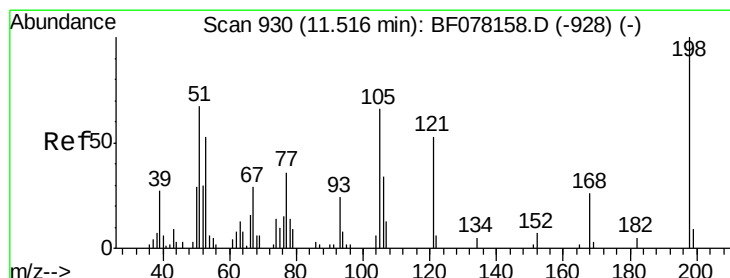
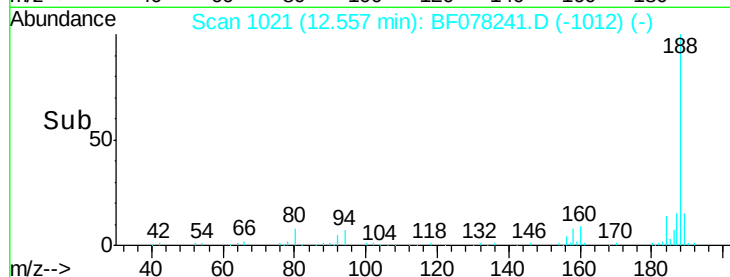
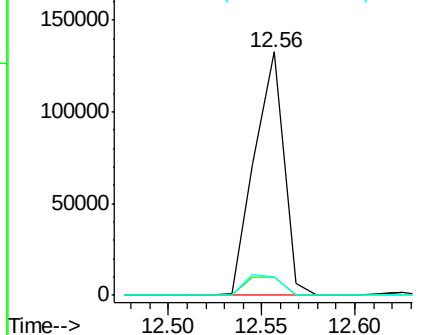
apatel
4/6/2015 4:33:12 PM



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: 39.94 ng

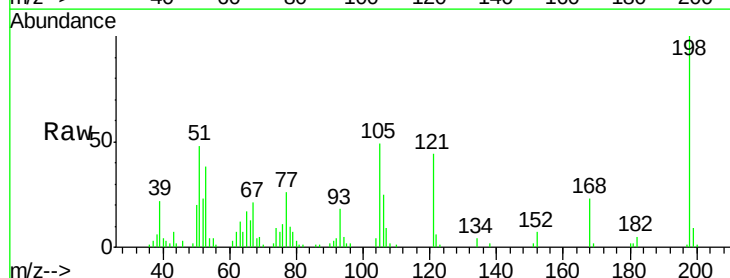
RT: 11.48 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

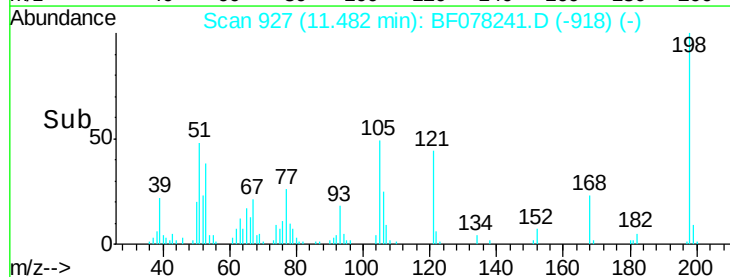
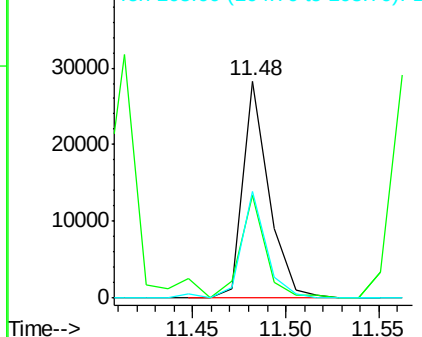
Tgt Ion:	198	Resp:	27584
Ion Ratio	Lower	Upper	
198	100		
51	47.6	48.6	88.6#
105	49.2	45.8	85.8

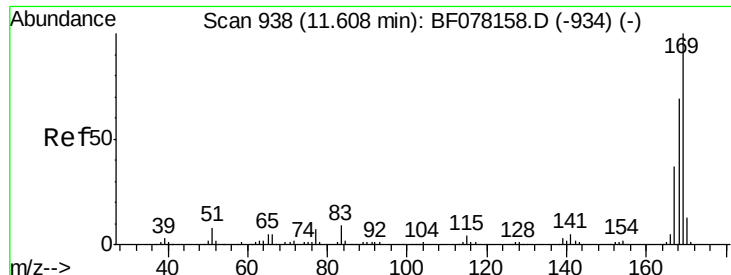


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





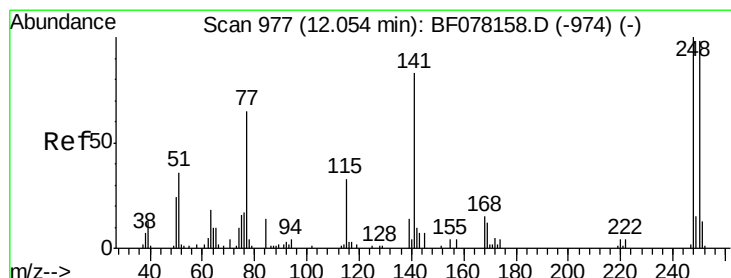
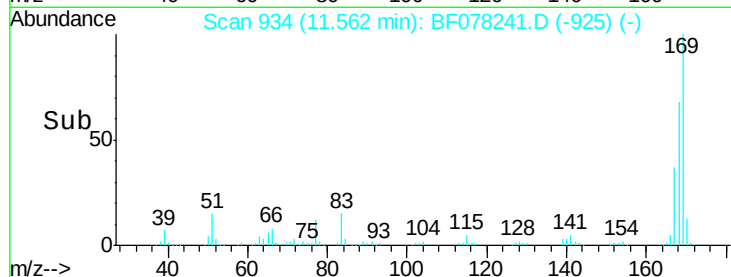
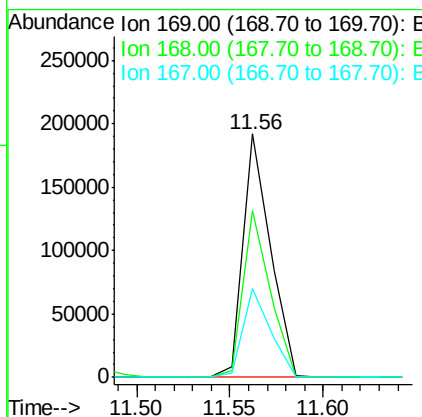
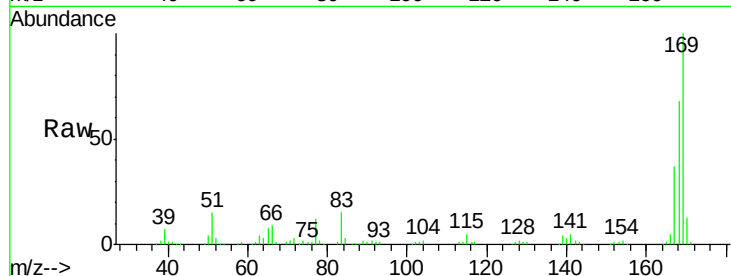
#65
 n-Nitrosodiphenylamine
 Concen: 38.81 ng
 RT: 11.56 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	195360		
168	68.4	55.0	82.4	
167	36.5	29.3	43.9	

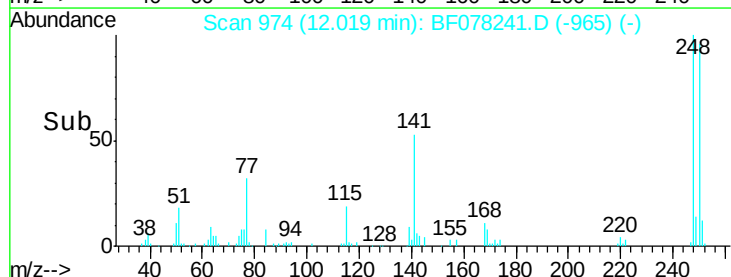
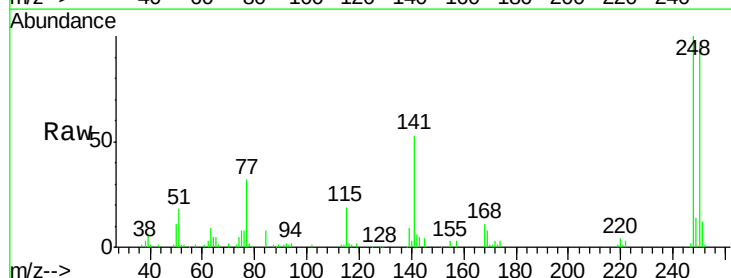
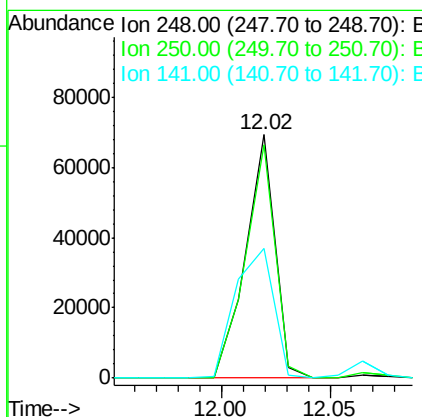
Manual Integrations
 APPROVED

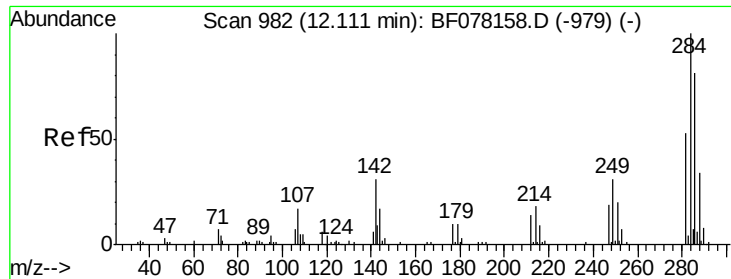
apatel
 4/6/2015 4:33:12 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.24 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	65098		
250	96.0	78.2	117.2	
141	53.5	66.4	99.6	





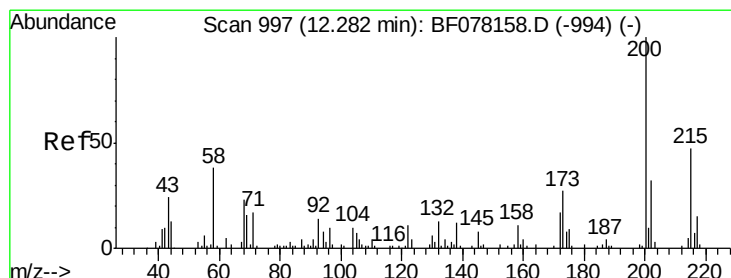
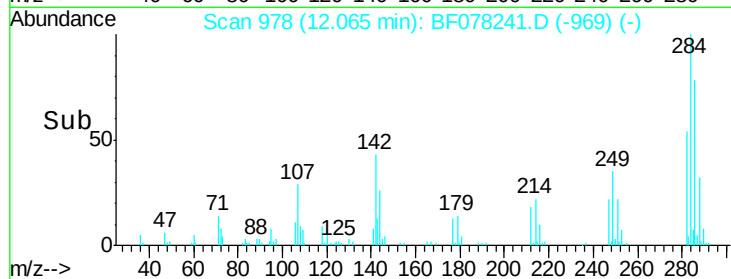
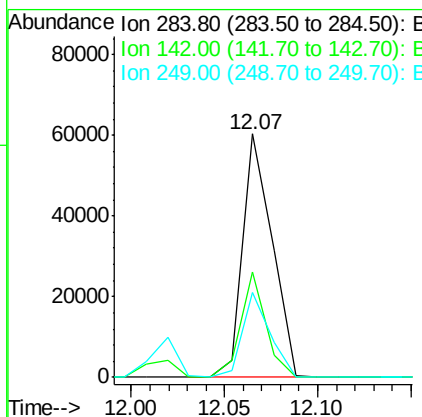
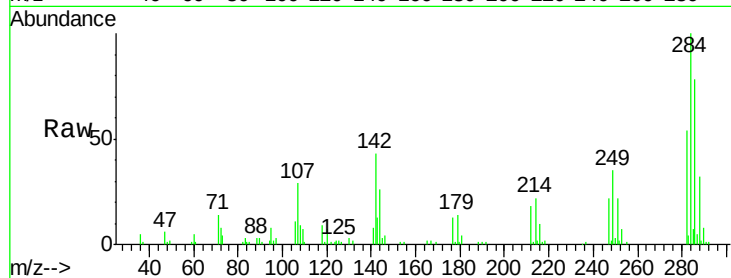
#67
Hexachlorobenzene
Concen: 39.17 ng
RT: 12.07 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.3	24.5	36.7
249	34.7	24.8	37.2

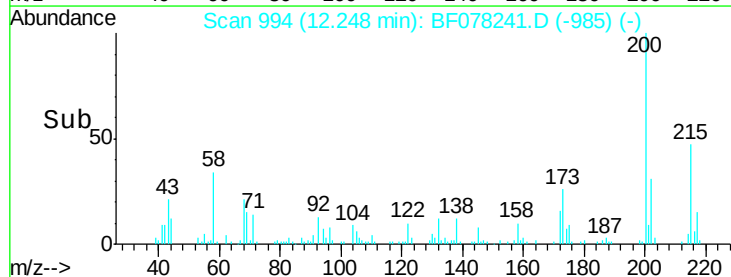
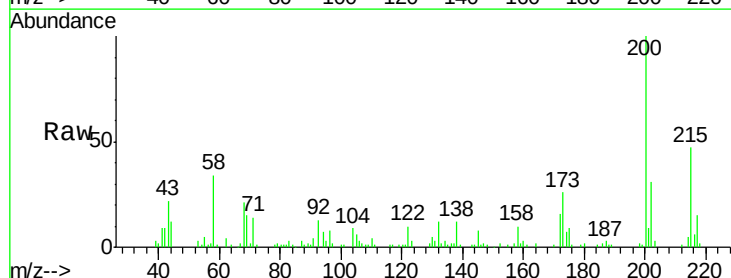
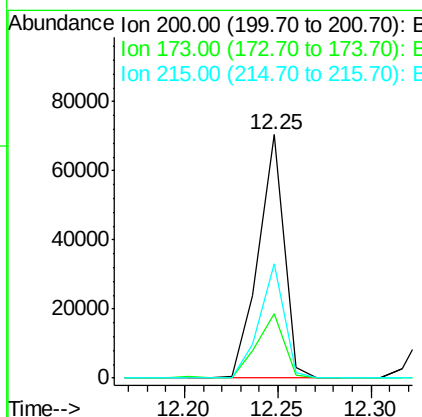
Manual Integrations
APPROVED

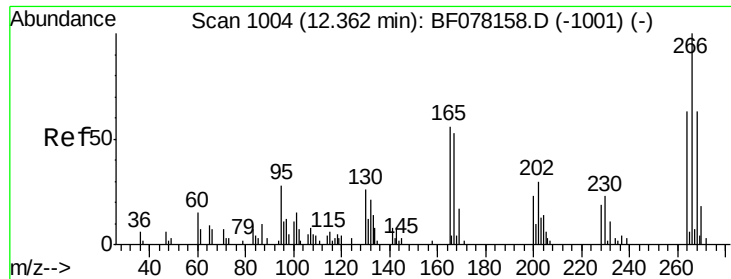
apatel
4/6/2015 4:33:12 PM



#68
Atrazine
Concen: 46.01 ng
RT: 12.25 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.9	46.9
215	46.7	27.1	67.1





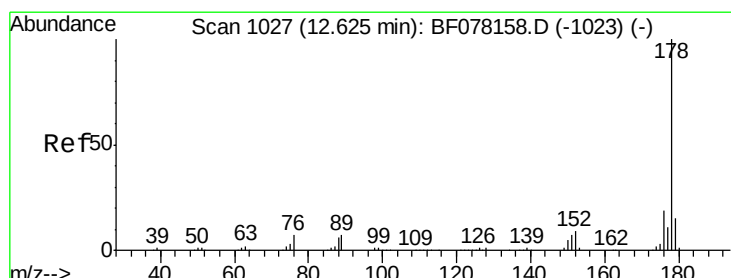
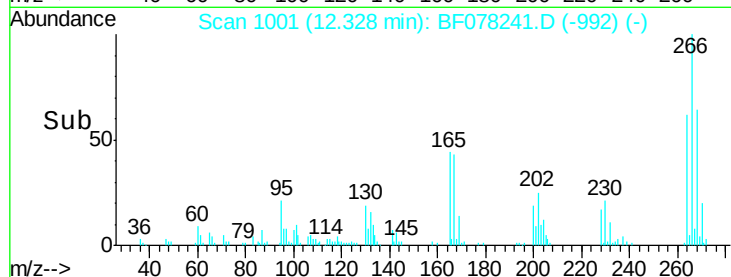
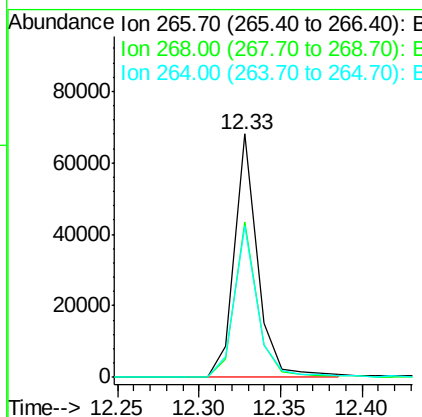
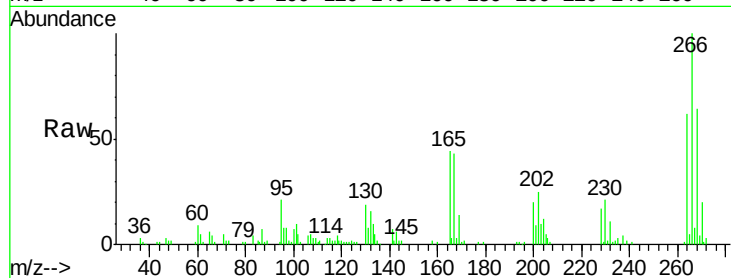
#69
 Pentachlorophenol
 Concen: 88.32 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	66816		
268	63.5	50.1	75.1	
264	62.1	50.0	75.0	

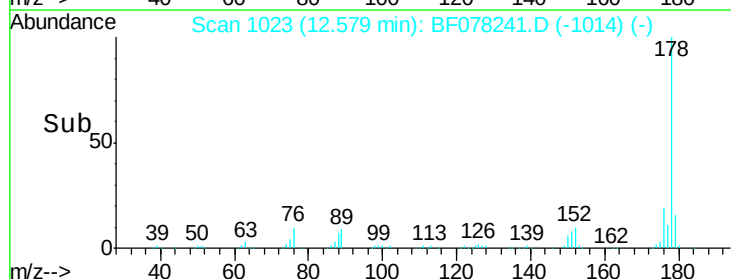
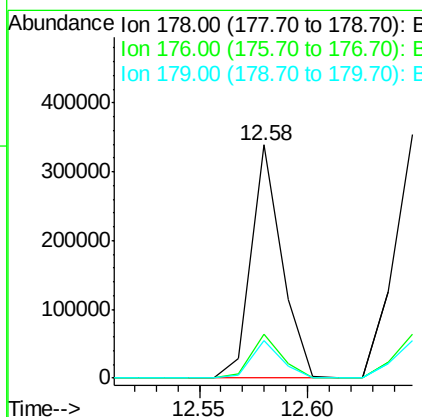
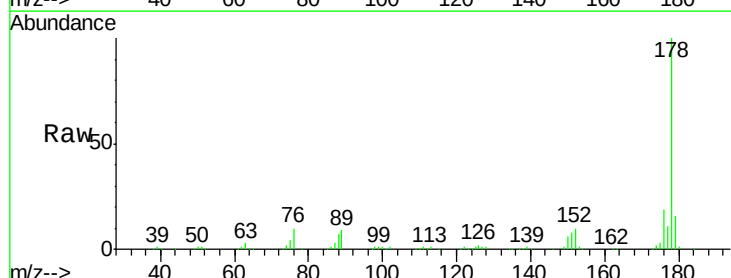
Manual Integrations
 APPROVED

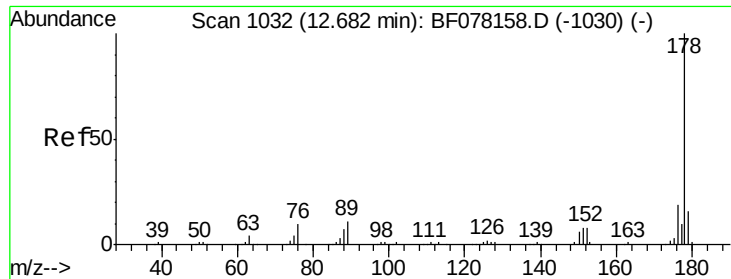
apatel
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#70
 Phenanthrene
 Concen: 39.39 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	331532		
176	19.1	15.4	23.0	
179	15.9	12.2	18.2	





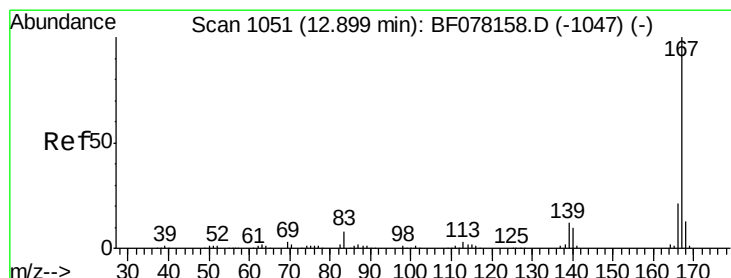
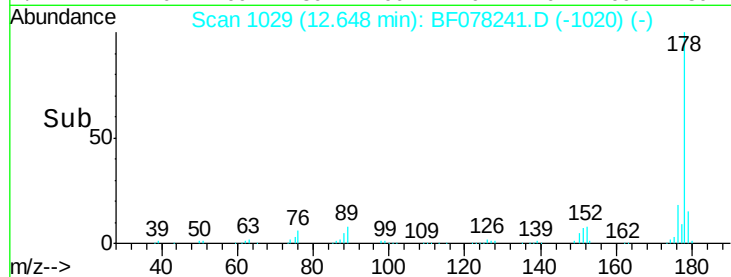
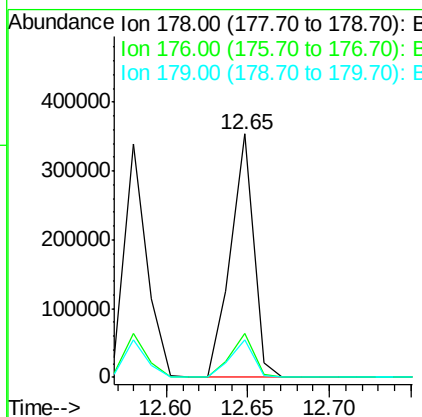
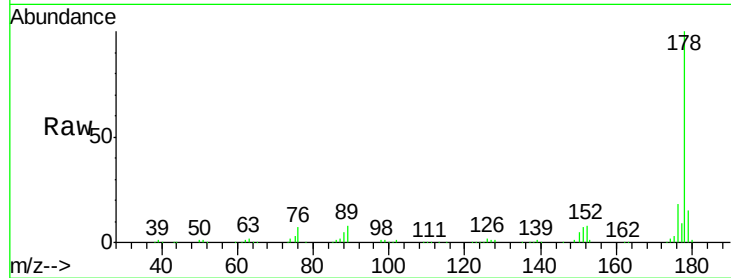
#71
 Anthracene
 Concen: 41.46 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.2	12.4	18.6

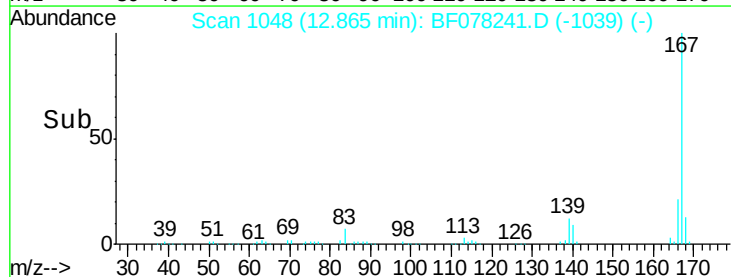
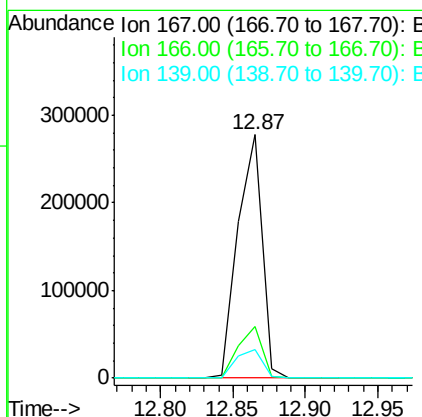
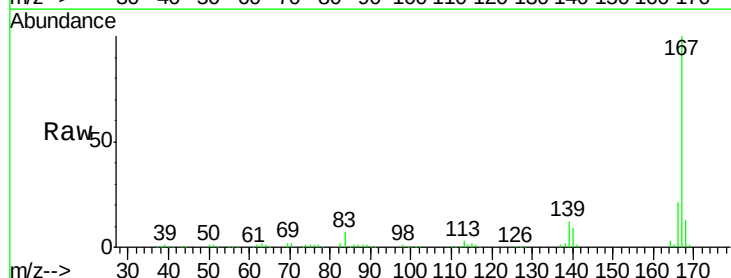
Manual Integrations
 APPROVED

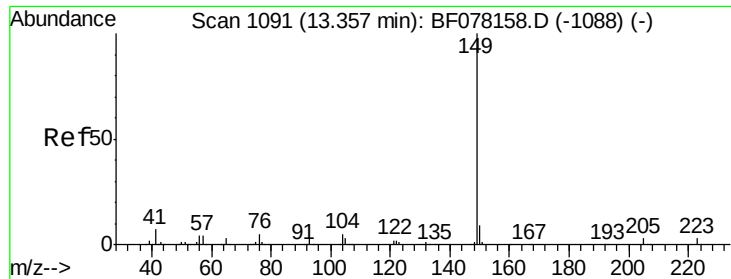
apatel
 4/6/2015 4:33:12 PM



#72
 Carbazole
 Concen: 41.77 ng
 RT: 12.87 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	11.9	10.0	15.0





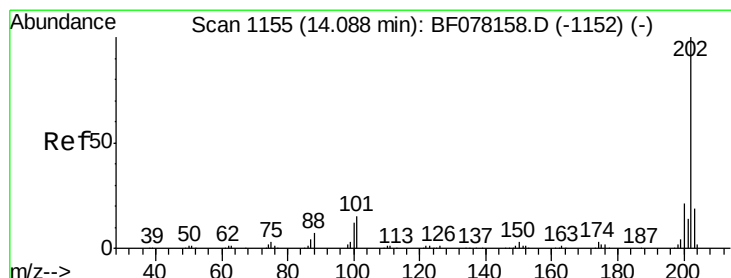
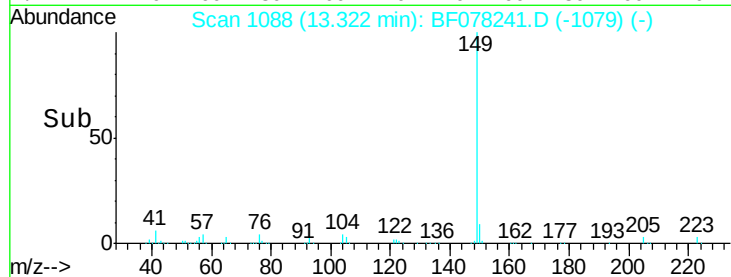
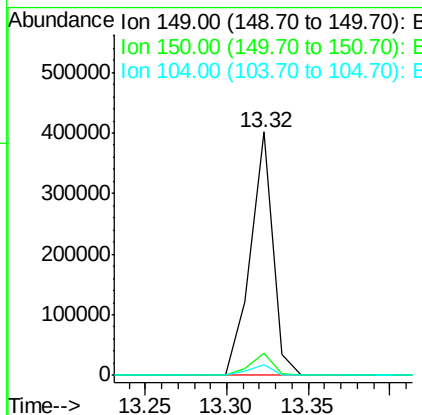
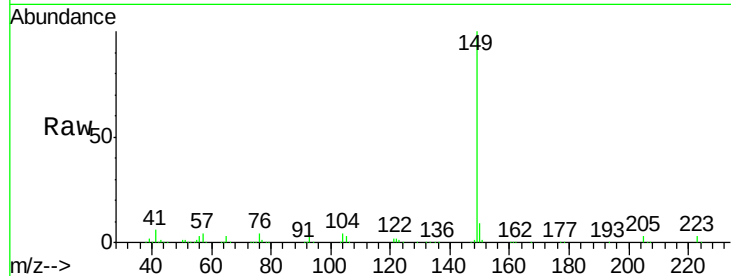
#73
Di-n-butylphthalate
Concen: 43.60 ng
RT: 13.32 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.1	10.7	
104	4.2	3.8	5.6	

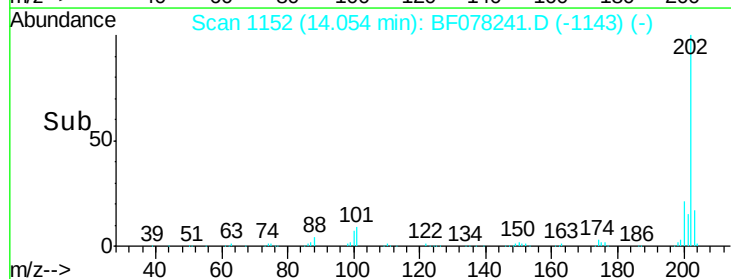
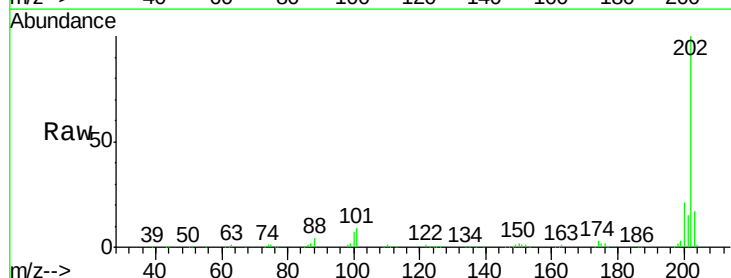
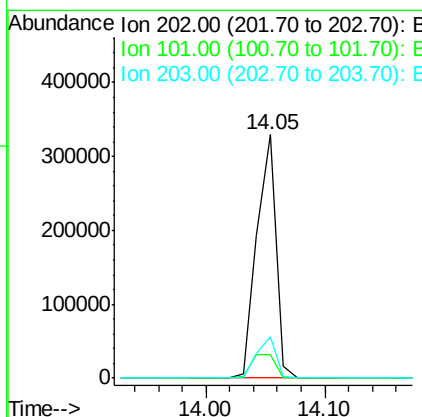
Manual Integrations
APPROVED

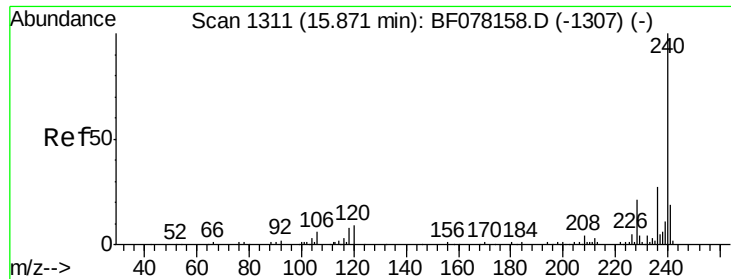
apatel
4/6/2015 4:33:12 PM



#74
Fluoranthene
Concen: 42.27 ng
RT: 14.05 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.5	0.0	35.2	
203	17.1	0.0	38.5	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.83 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

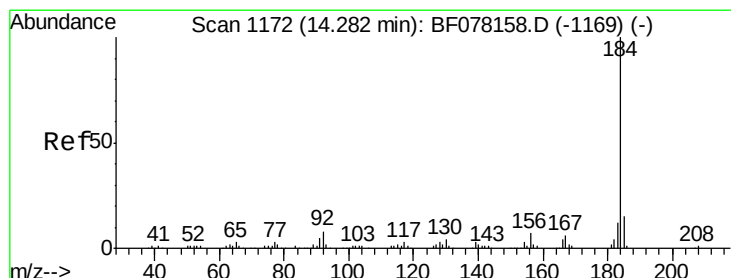
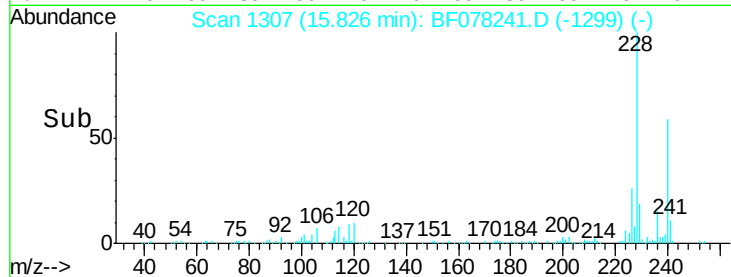
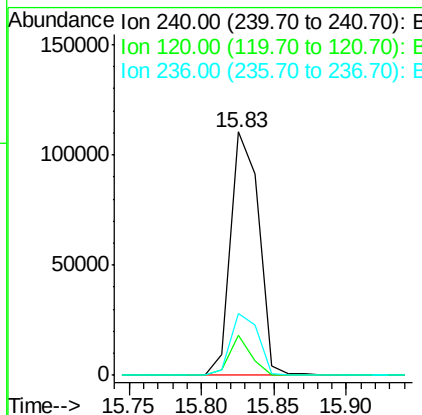
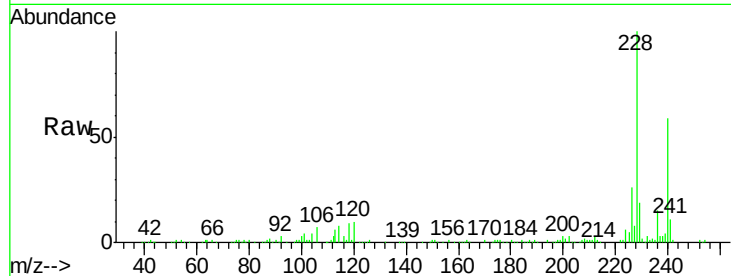
ClientSampleId :

PB82450BS

Tot Ion:	240	Resp:	148975
Ion Ratio	Lower	Upper	
240	100		
120	16.3	7.1	10.7#
236	25.3	21.4	32.2

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#76

Benzidine

Concen: 25.72 ng

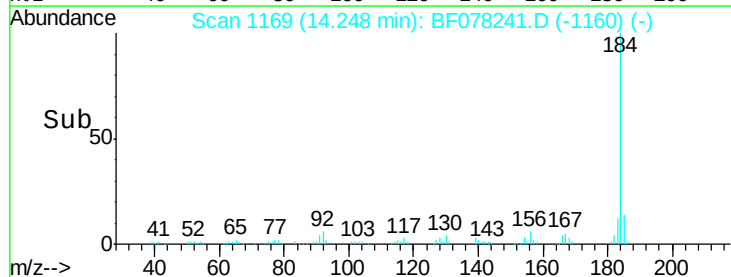
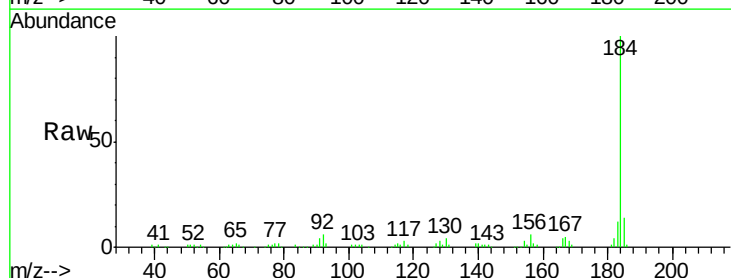
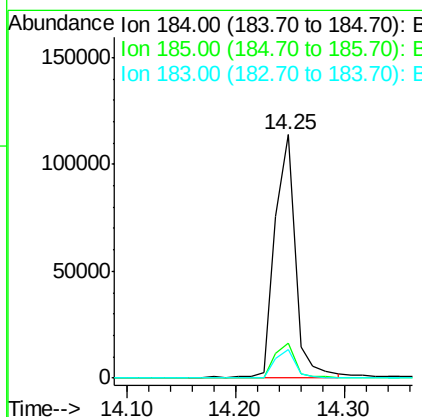
RT: 14.25 min Scan# 1169

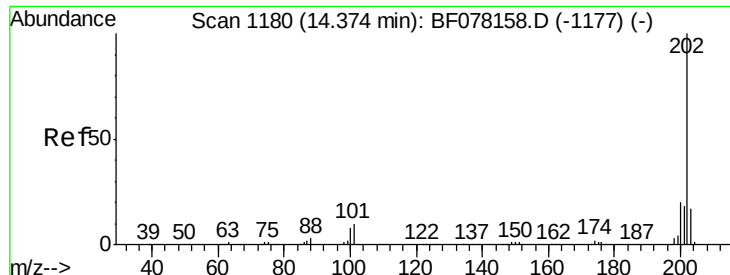
Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion:	184	Resp:	147551
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.2
183	11.6	9.5	14.3





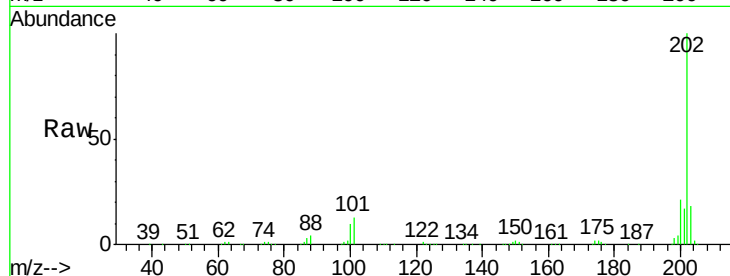
#77
Pvrene
Concen: 41.11 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

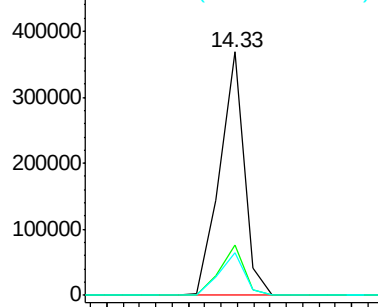
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.7	13.8	20.6

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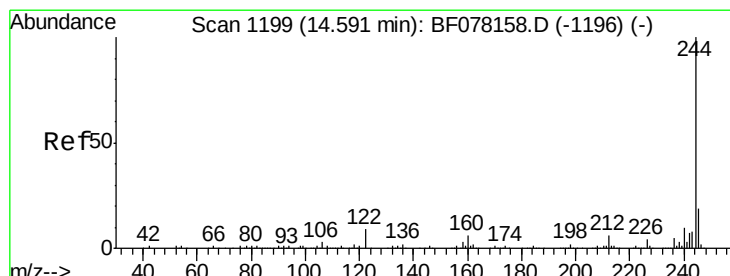
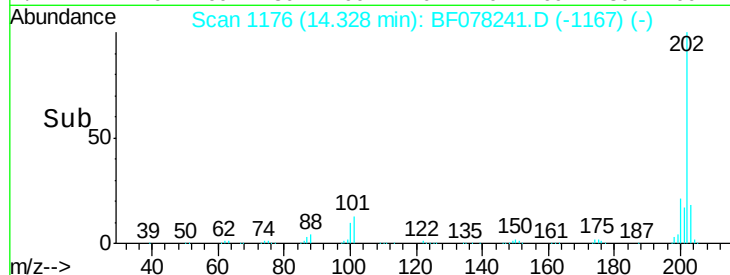
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



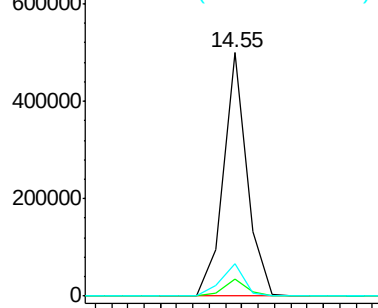
Time--> 14.25 14.30 14.35 14.40



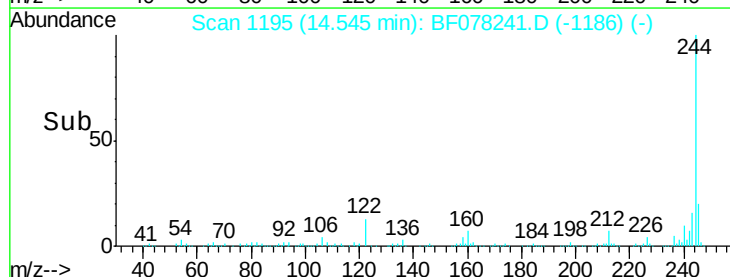
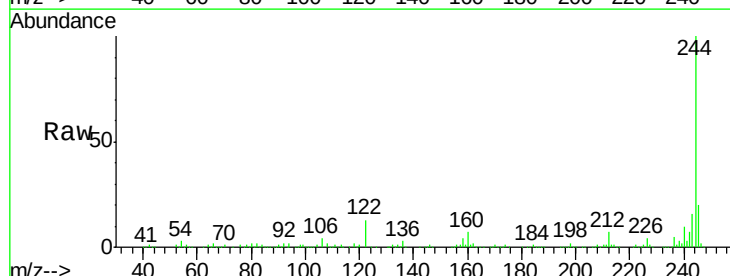
#78
Terphenyl-d14
Concen: 76.25 ng
RT: 14.55 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

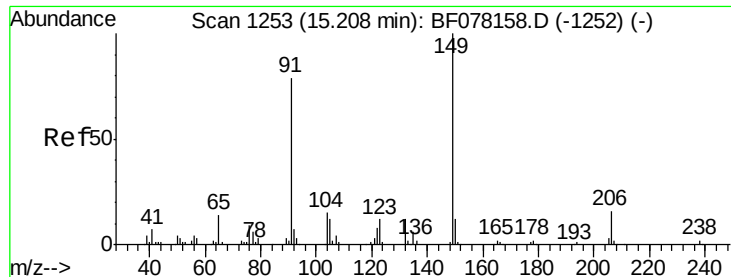
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.0	7.4
122	13.2	7.1	10.7#

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



Time--> 14.50 14.55 14.60





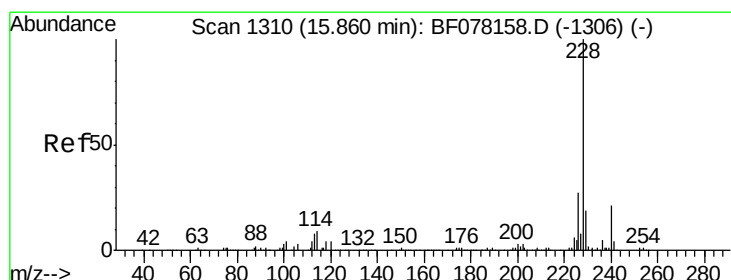
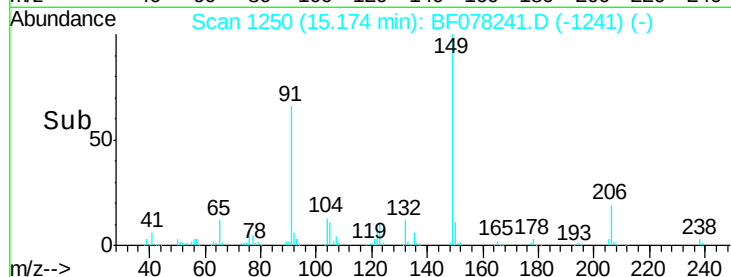
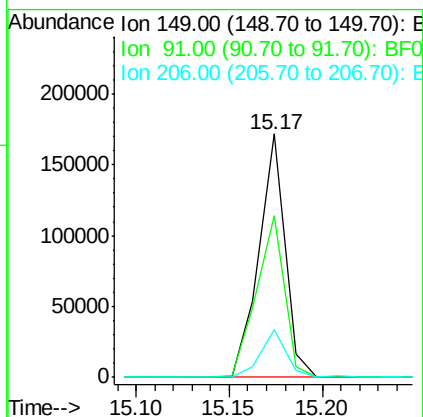
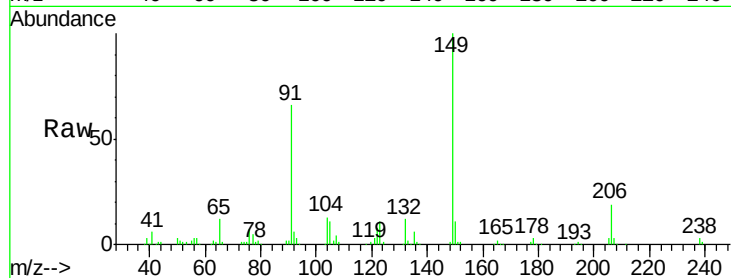
#79
Butylbenzylphthalate
Concen: 46.80 ng
RT: 15.17 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	166808		
91	66.2	64.2	96.2	
206	19.4	12.6	18.8	

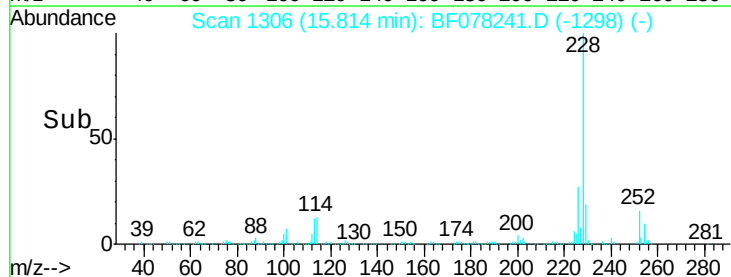
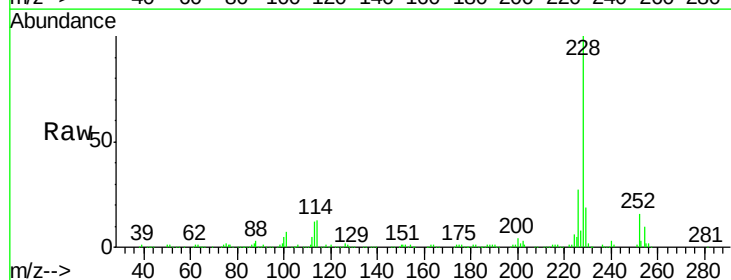
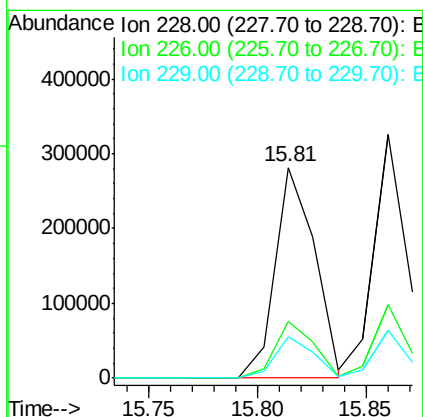
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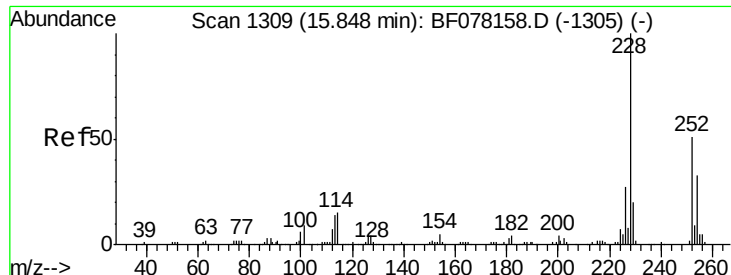
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#80
Benzo(a)anthracene
Concen: 40.40 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	358095		
226	26.9	21.3	31.9	
229	19.4	15.4	23.2	





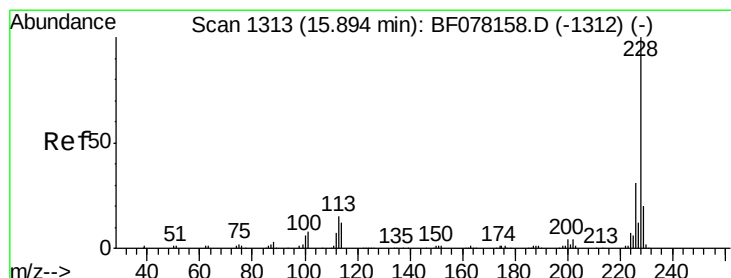
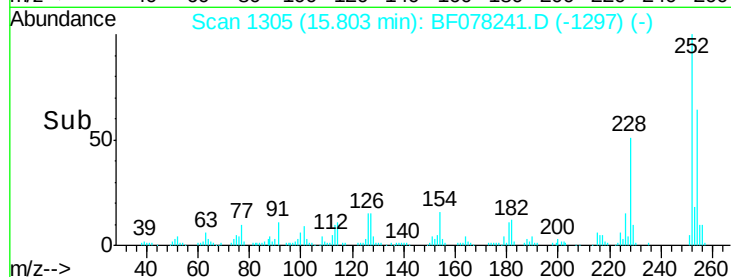
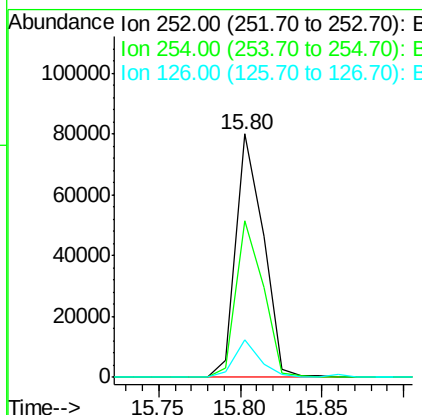
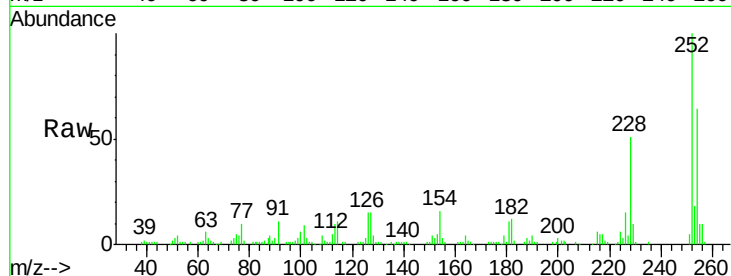
#81
 3,3'-Dichlorobenzidine
 Concen: 31.41 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.2	76.8
126	15.4	6.3	9.5

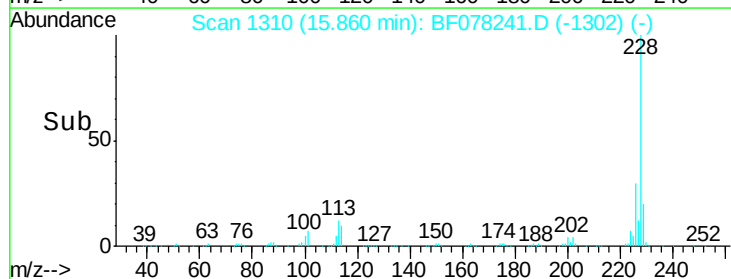
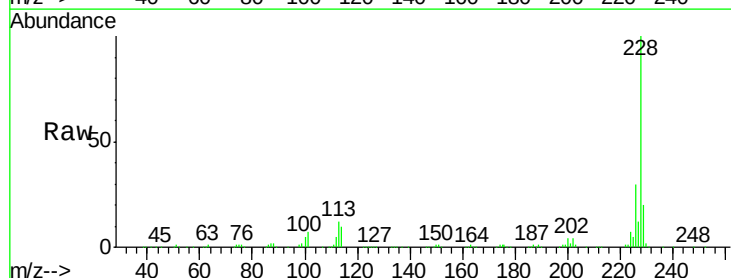
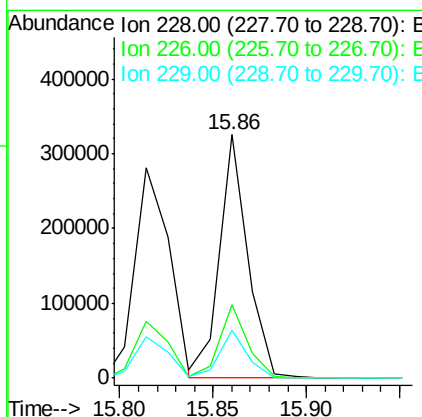
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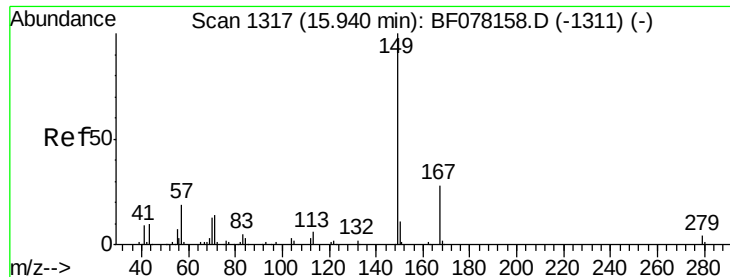
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#82
 Chrysene
 Concen: 41.06 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.7	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.33 ng

RT: 15.91 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

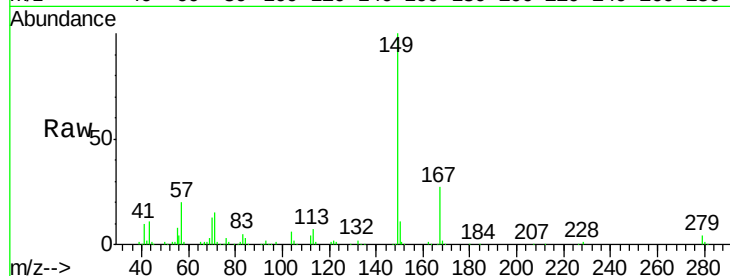
ClientSampleId :

PB82450BS

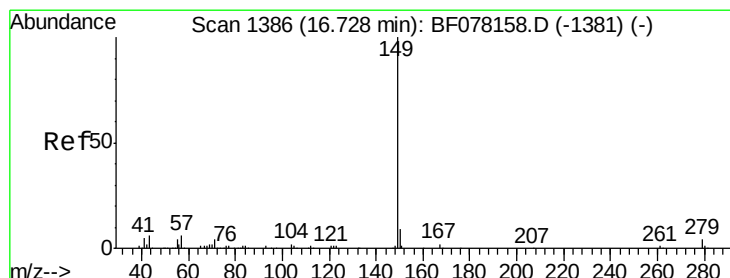
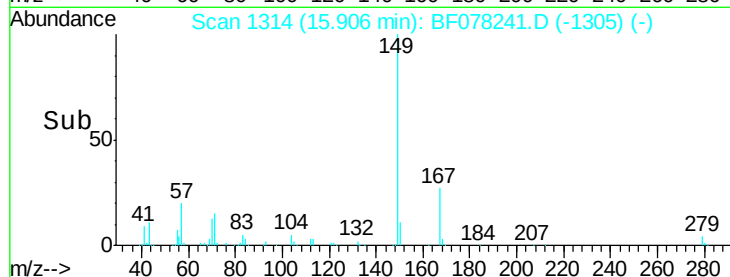
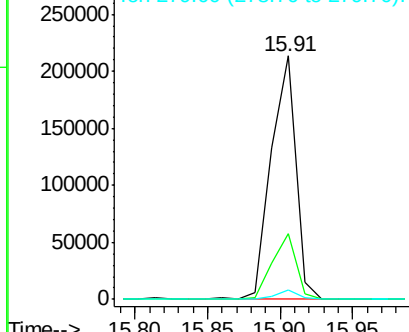
Tot Ion:	149	Resp:	253395
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.2	33.2
279	3.9	3.2	4.8

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



#84

Di-n-octyl phthalate

Concen: 47.47 ng

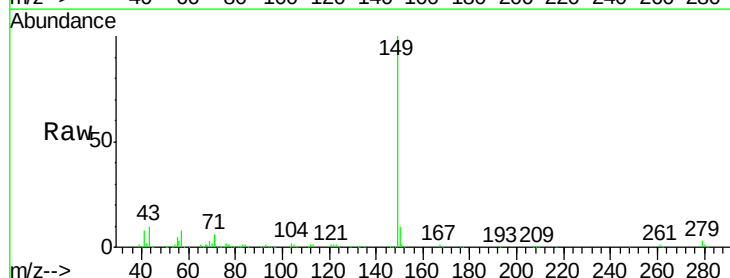
RT: 16.71 min Scan# 1384

Delta R.T. -0.01 min

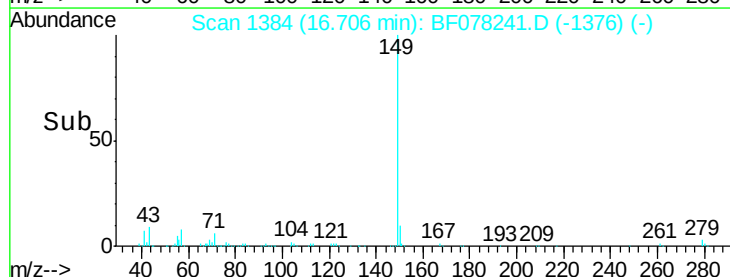
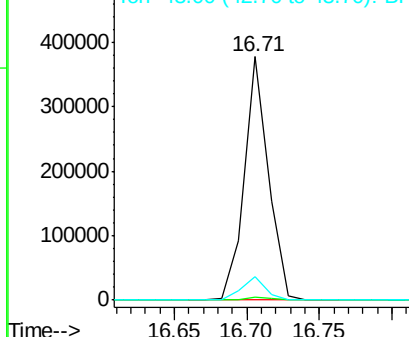
Lab File: BF078241.D

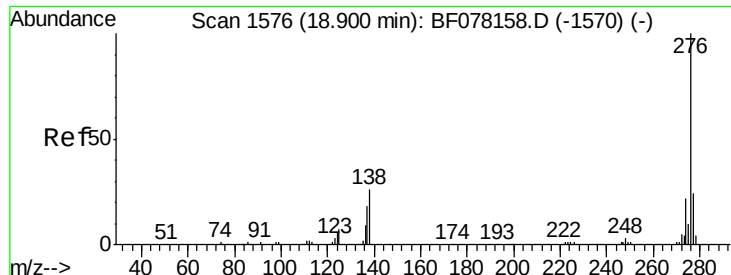
Acq: 3 Apr 2015 14:51

Tgt Ion:	149	Resp:	435756
Ion Ratio	Lower	Upper	
149	100		
167	1.4	0.0	0.0#
43	9.3	0.0	0.0#



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: 41.37 ng

RT: 18.89 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

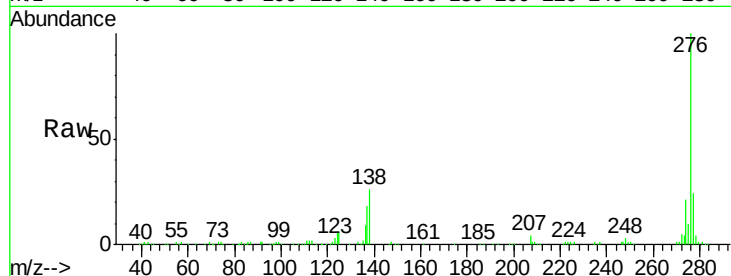
ClientSampleId :

PB82450BS

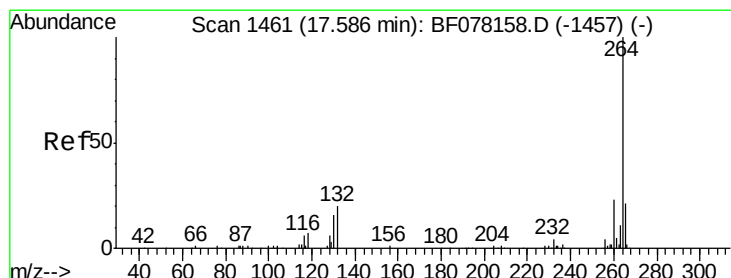
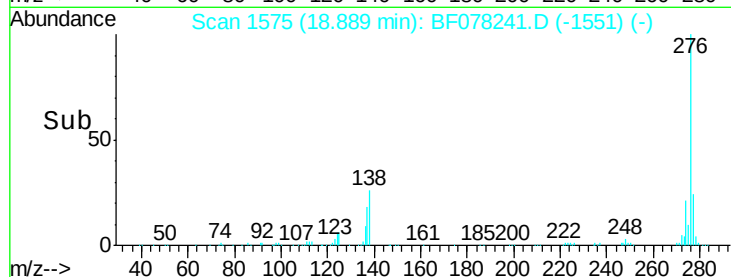
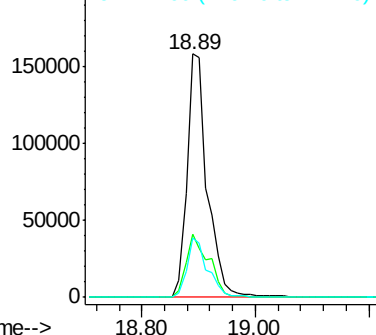
Tot Ion:	276	Resp:	390906
Ion Ratio	Lower	Upper	
276	100		
138	29.5	16.9	25.3#
277	24.7	15.8	23.6#

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

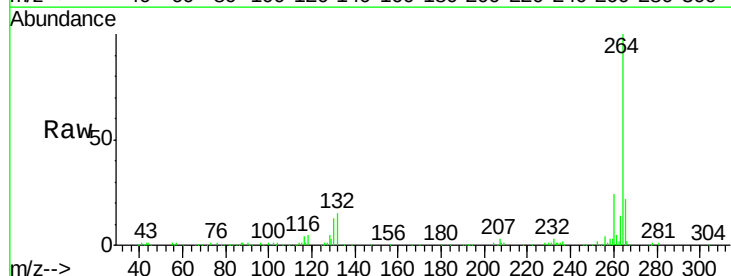
RT: 17.59 min Scan# 1461

Delta R.T. -0.01 min

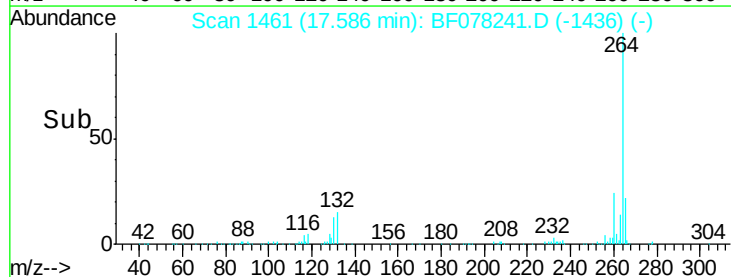
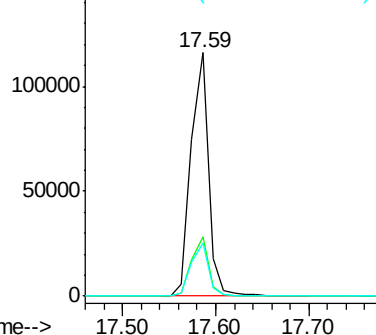
Lab File: BF078241.D

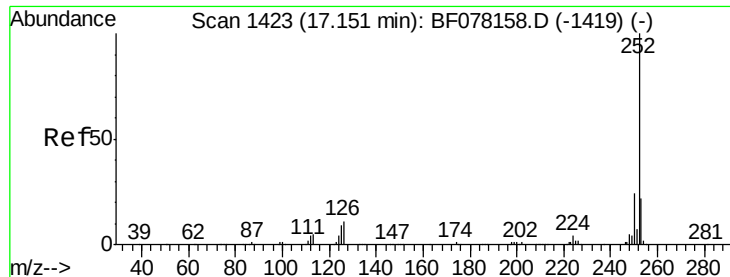
Acq: 3 Apr 2015 14:51

Tgt Ion:	264	Resp:	152030
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.6	27.8
265	21.9	17.0	25.6



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: 40.50 ng

RT: 17.13 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Instrument :

BNA_F

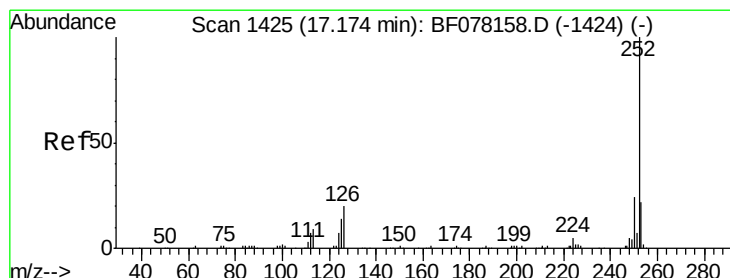
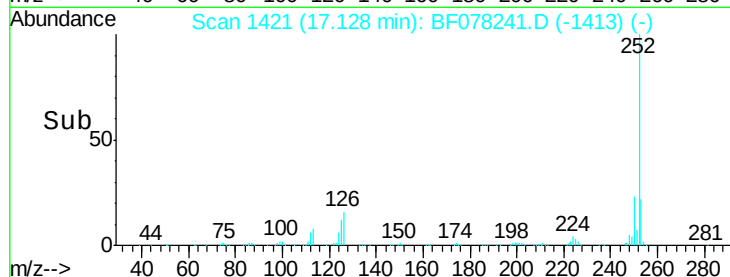
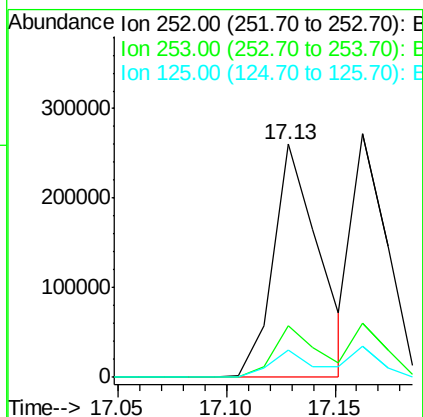
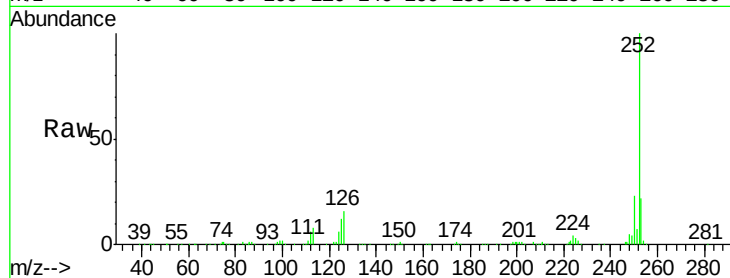
ClientSampleId :

PB82450BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.0	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 35.55 ng

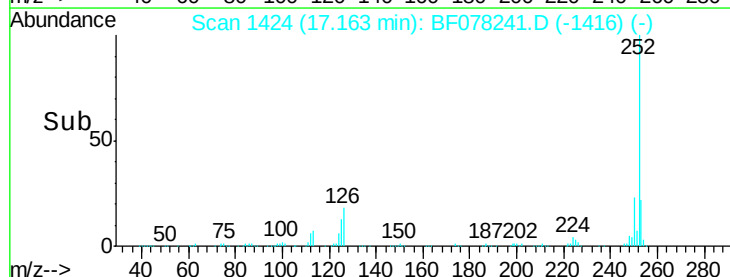
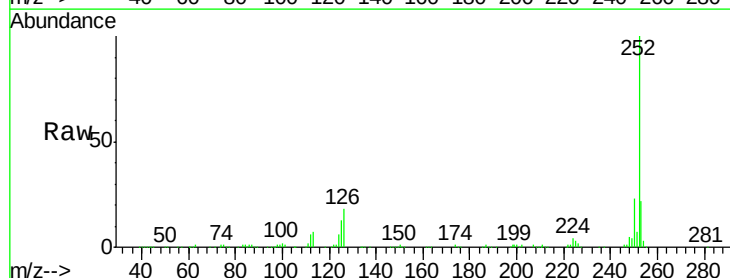
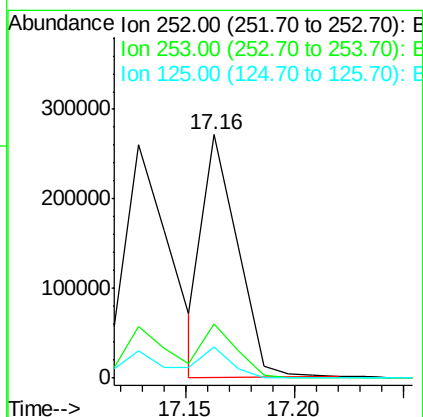
RT: 17.16 min Scan# 1424

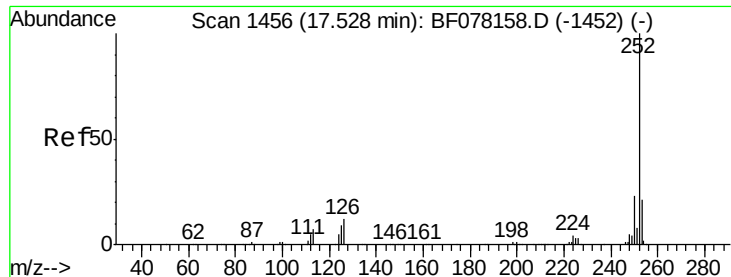
Delta R.T. -0.01 min

Lab File: BF078241.D

Acq: 3 Apr 2015 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	12.7	11.6	17.4





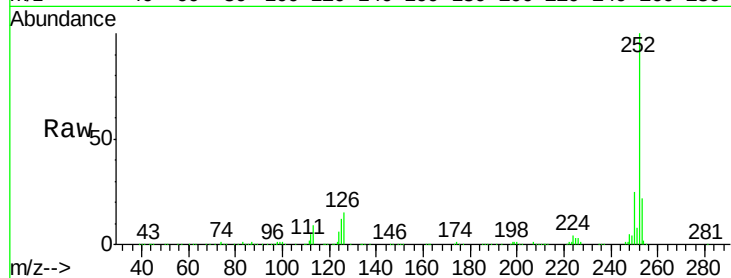
#89
Benzo(a)pyrene
Concen: 41.07 ng
RT: 17.52 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB82450BS

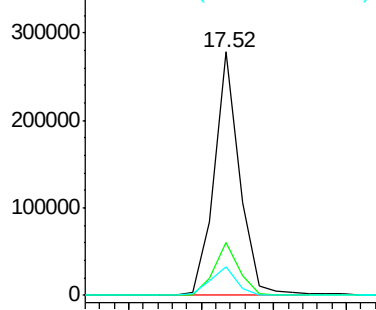
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.8	25.2
125	11.9	7.4	11.0

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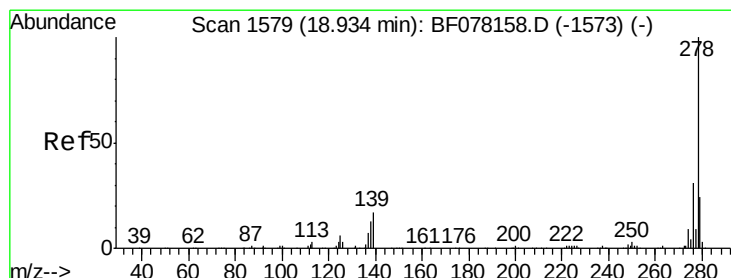
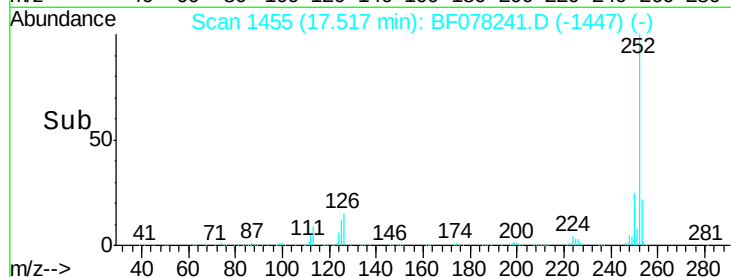
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



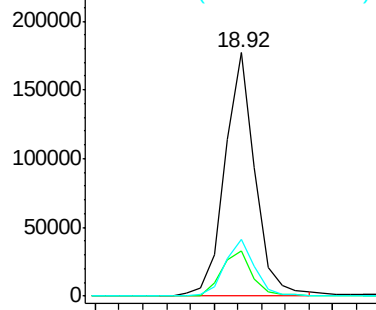
Time-->



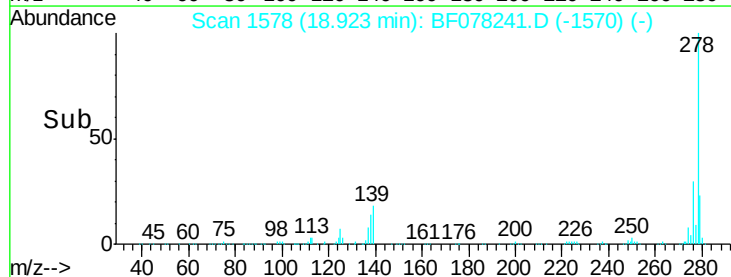
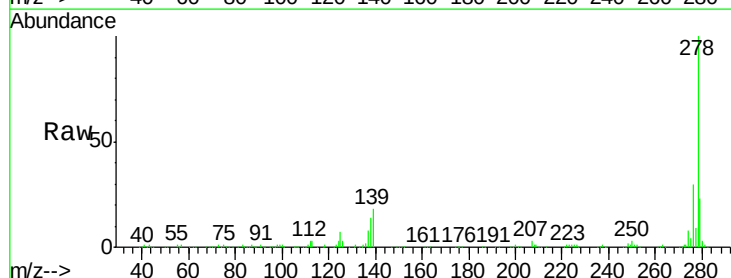
#90
Dibenzo(a,h)anthracene
Concen: 38.17 ng
RT: 18.92 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF078241.D
Acq: 3 Apr 2015 14:51

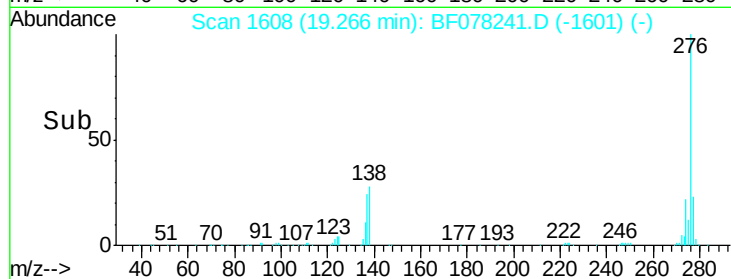
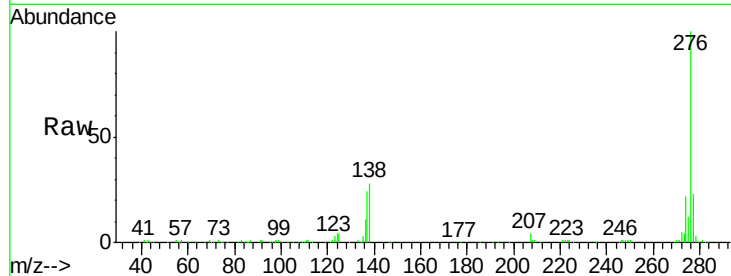
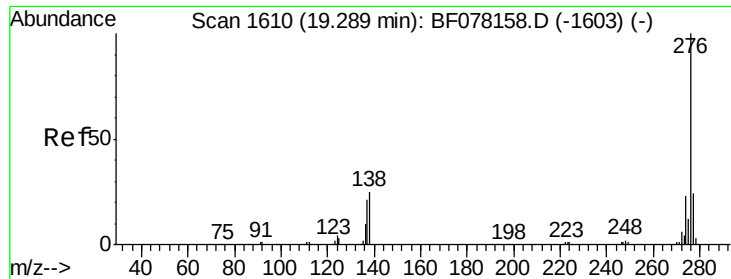
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.6	20.4
279	23.5	19.0	28.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 39.05 ng
 RT: 19.27 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BF078241.D
 Acq: 3 Apr 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BS

Tot Ion:	276	Resp:	321456
Ion Ratio	Lower	Upper	
276	100		
277	22.8	19.0	28.4
138	27.6	19.9	29.9

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