

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078367.D
 Acq On : 9 Apr 2015 19:20
 Operator : TP/IZ
 Sample : G1782-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Manual Integrations
 APPROVED

apatel
 4/10/2015 5:12:59 PM

Quant Time: Apr 10 01:45:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	48478	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	205777	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	103908	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	199057	20.00	ng	-0.01
75) Chrysene-d12	15.72	240	203984	20.00	ng	0.00
86) Perylene-d12	17.49	264	195140	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	222965	75.83	ng	0.00
7) Phenol-d6	6.49	99	290508	78.84	ng	0.00
23) Nitrobenzene-d5	7.58	82	164643	48.50	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	68061	78.98	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	359629	49.47	ng	0.00
78) Terphenyl-d14	14.44	244	388438	43.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.71	88	24005	18.05	ng	93
3) Pyridine	2.32	79	71199	20.44	ng	98
4) n-Nitrosodimethylamine	2.25	42	31671m	23.62	ng	
6) Aniline	6.48	93	101590	19.44	ng	96
8) 2-Chlorophenol	6.61	128	86501	24.88	ng	94
9) Benzaldehyde	6.33	77	26454	10.83	ng	99
10) Phenol	6.50	94	119112	26.98	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	76638	24.14	ng	96
12) 1,3-Dichlorobenzene	6.81	146	87528	22.92	ng	# 92
13) 1,4-Dichlorobenzene	6.91	146	84701	22.03	ng	95
14) 1,2-Dichlorobenzene	7.08	146	83235	23.09	ng	98
15) Benzyl Alcohol	7.08	79	68495	26.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	102246	24.14	ng	97
17) 2-Methylphenol	7.25	107	67042	24.84	ng	96
18) Hexachloroethane	7.50	117	29534	22.78	ng	87
19) n-Nitroso-di-n-propylamine	7.42	70	57912	23.82	ng	98
20) 3+4-Methylphenols	7.45	107	90618	25.17	ng	94
22) Acetophenone	7.40	105	117680	24.54	ng	# 90
24) Nitrobenzene	7.61	77	85303	24.04	ng	# 84
25) Isophorone	7.92	82	151142	23.46	ng	98
26) 2-Nitrophenol	8.01	139	39263	23.22	ng	95
27) 2,4-Dimethylphenol	8.09	122	74229	23.60	ng	94
28) bis(2-Chloroethoxy)methane	8.20	93	96629	23.39	ng	98
29) 2,4-Dichlorophenol	8.32	162	70419	24.61	ng	97
30) 1,2,4-Trichlorobenzene	8.40	180	73626	22.44	ng	96
31) Naphthalene	8.49	128	249851	23.33	ng	99
32) Benzoic acid	8.20	122	17846	16.40	ng	98
33) 4-Chloroaniline	8.58	127	89489	20.14	ng	98
34) Hexachlorobutadiene	8.65	225	40465	22.47	ng	96
35) Caprolactam	8.99	113	21717	25.43	ng	99
36) 4-Chloro-3-methylphenol	9.20	107	72026	24.95	ng	99
37) 2-Methylnaphthalene	9.34	142	165573	22.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	72453	22.50	ng	98
40) Hexachlorocyclopentadiene	9.54	237	63081	48.45	ng	95

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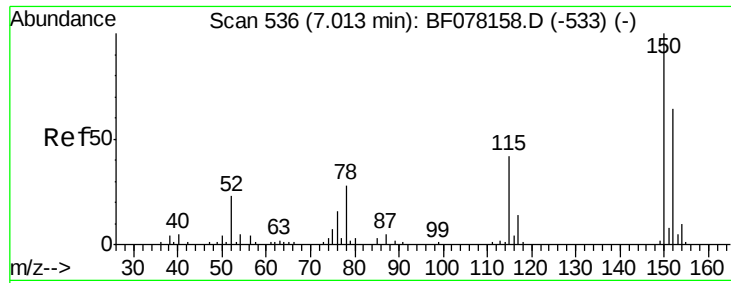
Manual Integrations
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Quant Time: Apr 10 01:45:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
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 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	51406	25.32	nq	100
43) 2,4,5-Trichlorophenol	9.76	196	54750	25.81	nq	# 90
45) 1,1'-Biphenyl	9.93	154	203407	23.93	nq	99
46) 2-Chloronaphthalene	9.94	162	154765	23.14	nq	98
47) 2-Nitroaniline	10.09	65	43784	26.46	nq	# 66
48) Acenaphthylene	10.45	152	250894	23.23	nq	100
49) Dimethylphthalate	10.33	163	218909	28.04	nq	# 98
50) 2,6-Dinitrotoluene	10.40	165	40224	25.04	nq	# 67
51) Acenaphthene	10.66	154	141054	23.20	nq	100
52) 3-Nitroaniline	10.59	138	41521	22.74	nq	87
53) 2,4-Dinitrophenol	10.74	184	24627	49.58	nq	# 81
54) Dibenzofuran	10.88	168	226839	24.43	nq	100
55) 4-Nitrophenol	10.84	139	59863	45.74	nq	97
56) 2,4-Dinitrotoluene	10.89	165	53787	25.86	nq	# 83
57) Fluorene	11.30	166	185255	24.61	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.04	232	40533	25.77	nq	97
59) Diethylphthalate	11.20	149	172841	22.96	nq	96
60) 4-Chlorophenyl-phenylether	11.31	204	81632	23.57	nq	# 75
61) 4-Nitroaniline	11.34	138	45413	24.60	nq	99
62) Azobenzene	11.50	77	195350	28.44	nq	98
64) 4,6-Dinitro-2-methylphenol	11.39	198	21657	26.57	nq	# 57
65) n-Nitrosodiphenylamine	11.47	169	153906	22.35	nq	98
66) 4-Bromophenyl-phenylether	11.92	248	49890	23.67	nq	92
67) Hexachlorobenzene	11.96	284	52192	22.59	nq	# 82
68) Atrazine	12.15	200	49124	24.63	nq	97
69) Pentachlorophenol	12.23	266	48338	50.37	nq	97
70) Phenanthrene	12.48	178	264687	22.99	nq	99
71) Anthracene	12.55	178	268571	23.67	nq	99
72) Carbazole	12.75	167	253742	23.86	nq	99
73) Di-n-butylphthalate	13.22	149	283201	23.51	nq	100
74) Fluoranthene	13.94	202	279298	23.00	nq	96
76) Benzidine	14.13	184	198375	25.26	nq	99
77) Pyrene	14.21	202	292836	22.87	nq	98
79) Butylbenzylphthalate	15.07	149	122578	25.12	nq	# 80
80) Benzo(a)anthracene	15.71	228	274367	22.61	nq	100
81) 3,3'-Dichlorobenzidine	15.70	252	89924	22.12	nq	# 98
82) Chrysene	15.76	228	261396	22.92	nq	100
83) Bis(2-ethylhexyl)phthalate	15.80	149	176749	23.09	nq	# 96
84) Di-n-octyl phthalate	16.61	149	302796	24.09	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.77	276	289962	22.41	nq	# 85
87) Benzo(b)fluoranthene	17.04	252	262537	21.77	nq	98
88) Benzo(k)fluoranthene	17.07	252	264335m	24.66	nq	
89) Benzo(a)pyrene	17.43	252	251408	23.89	nq	# 97
90) Dibenzo(a,h)anthracene	18.81	278	235588	22.36	nq	99
91) Benzo(g,h,i)perylene	19.14	276	245123	23.20	nq	# 93

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



#1

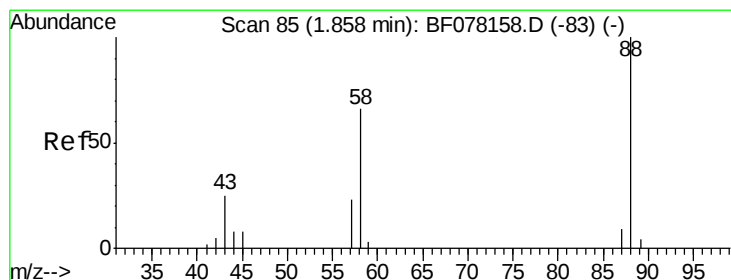
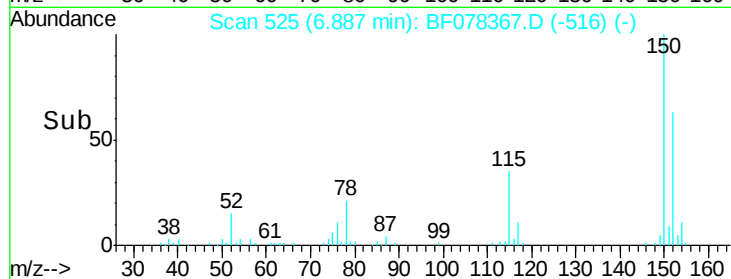
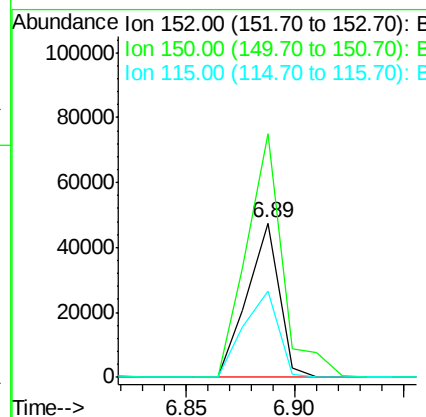
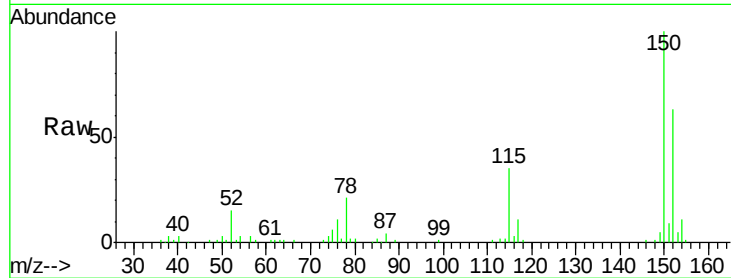
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.9	188.9
115	56.0	52.7	79.1

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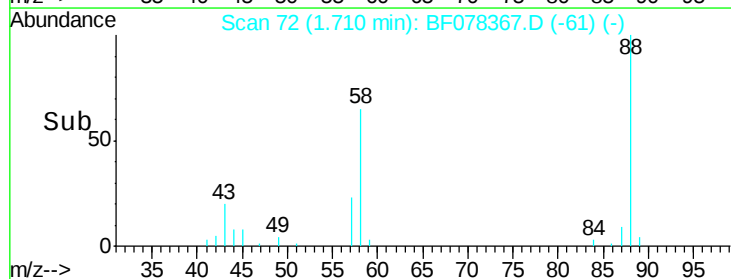
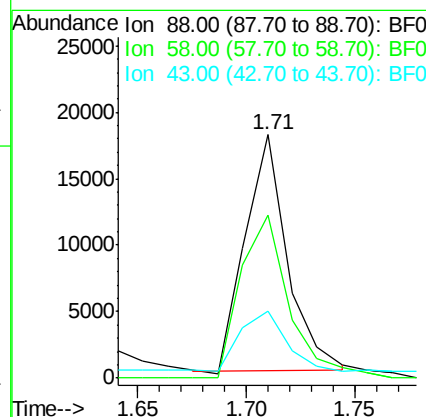
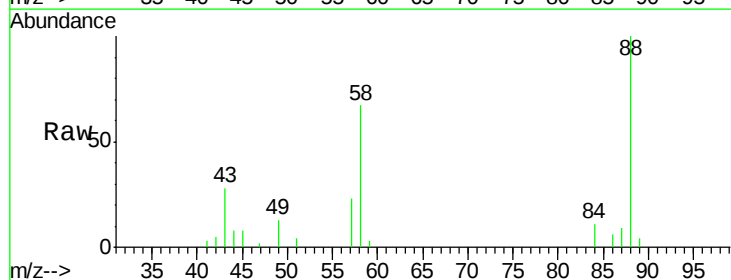
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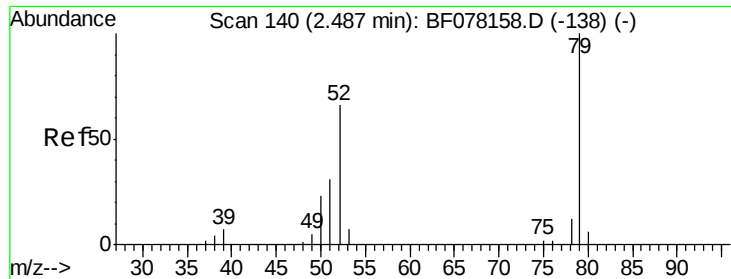


#2

1,4-Dioxane
Concen: 18.05 ng
RT: 1.71 min Scan# 72
Delta R.T. 0.02 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	56.9	85.3
43	27.5	21.4	32.2





#3

Pvridine

Concen: 20.44 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.02 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

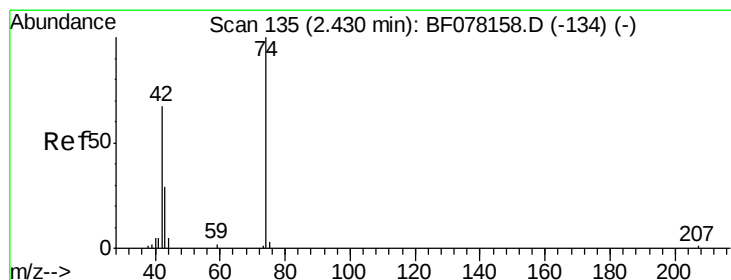
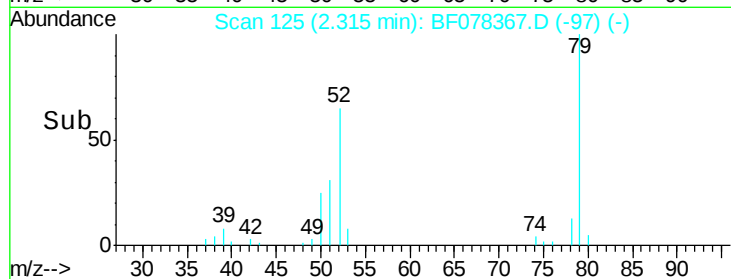
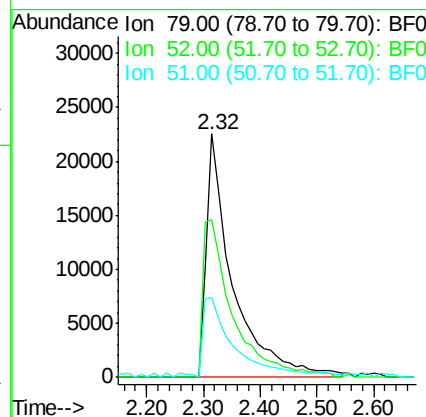
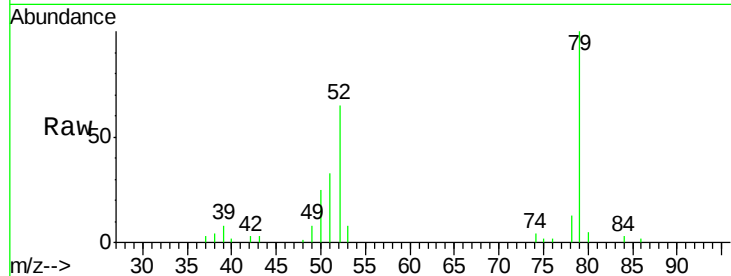
ClientSampleId :

SB11MS

Tot Ion:	79	Resp:	71199
Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.4	78.6
51	32.8	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 23.62 ng m

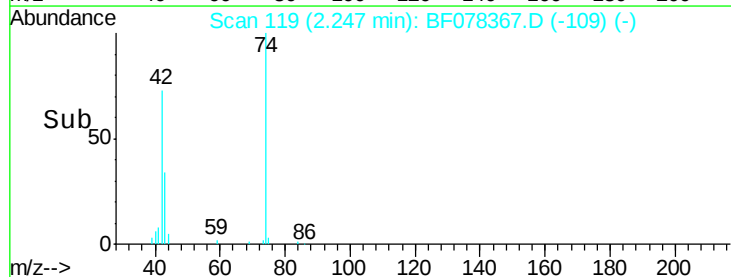
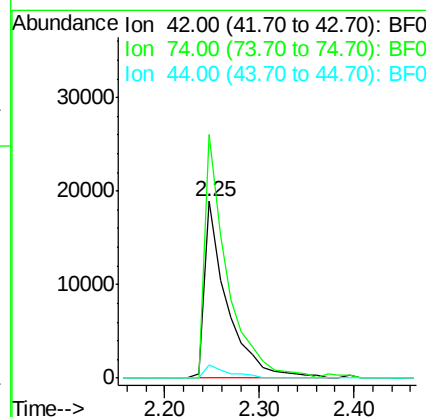
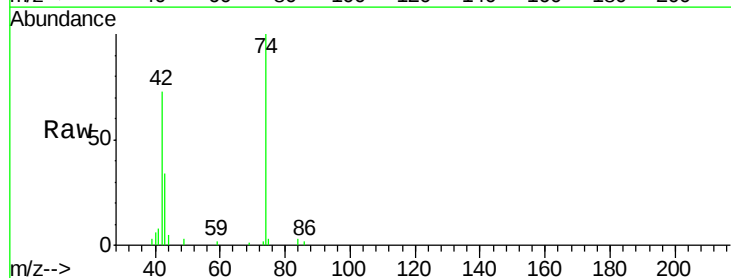
RT: 2.25 min Scan# 119

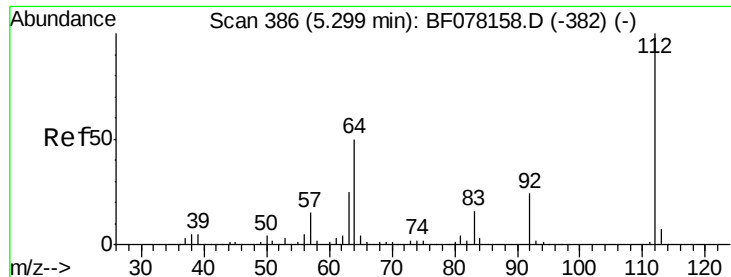
Delta R.T. 0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	42	Resp:	31671
Ion	Ratio	Lower	Upper
42	100		
74	137.9	118.7	178.1
44	7.4	5.9	8.9





#5

2-Fluorophenol

Concen: 75.83 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

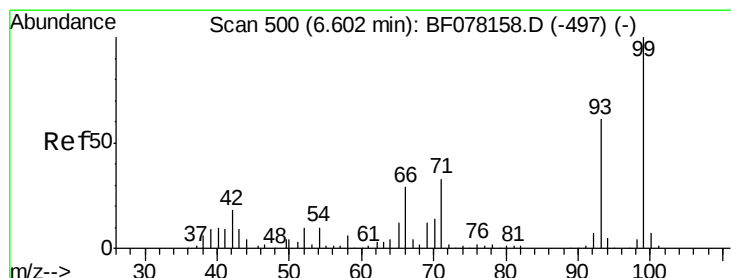
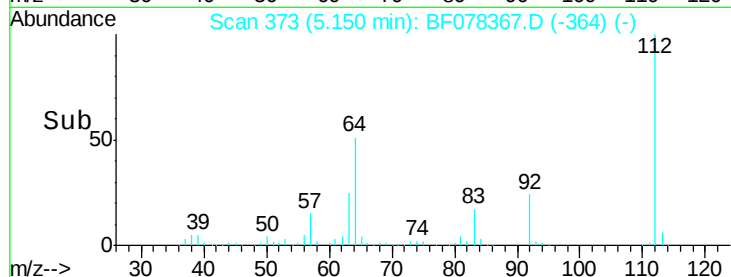
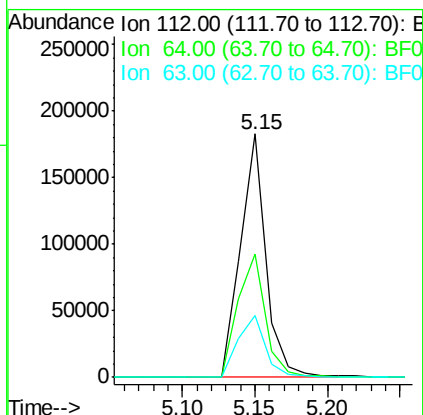
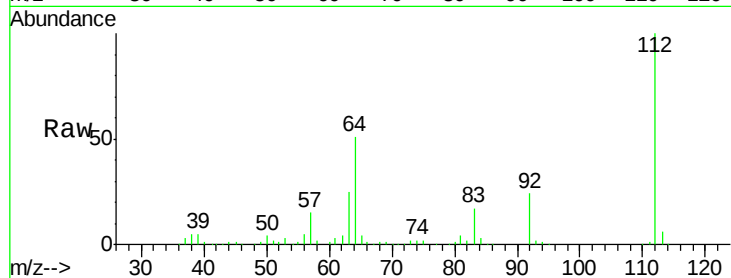
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		222965		
64	50.8		39.9	59.9	
63	25.5		20.2	30.4	

Manual Integrations
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#6

Aniline

Concen: 19.44 ng

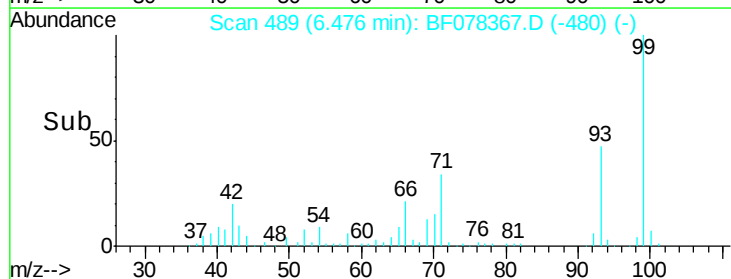
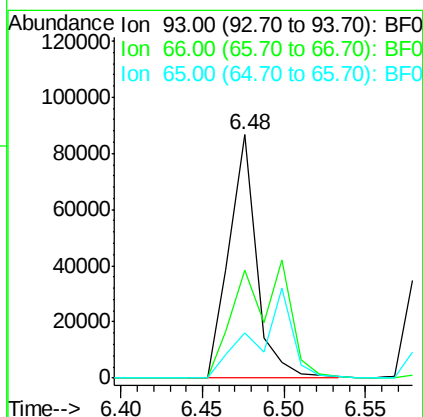
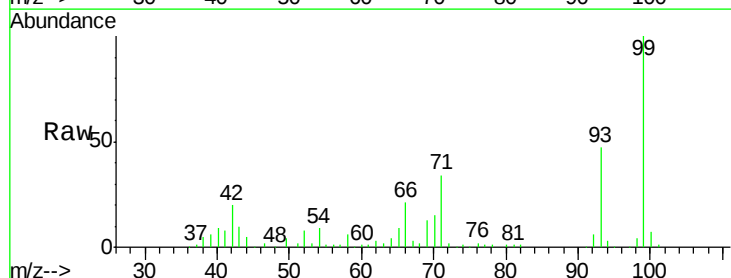
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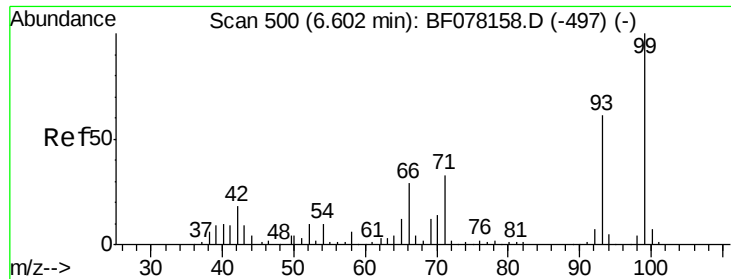
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		101590		
66	44.3		38.0	57.0	
65	18.6		16.3	24.5	





#7

Phenol-d6

Concen: 78.84 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

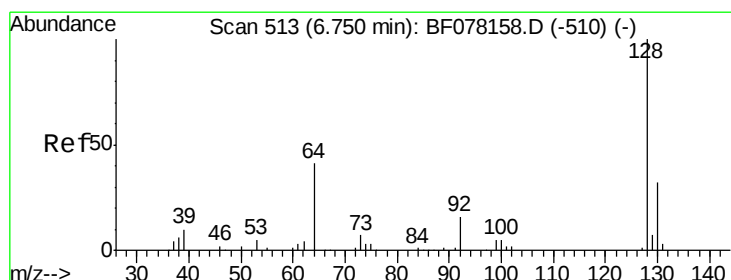
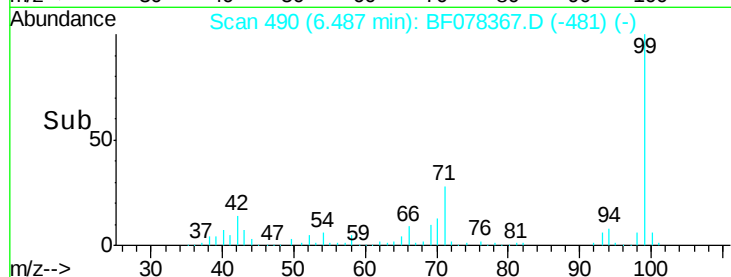
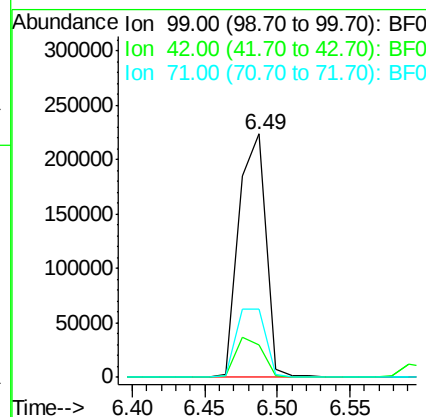
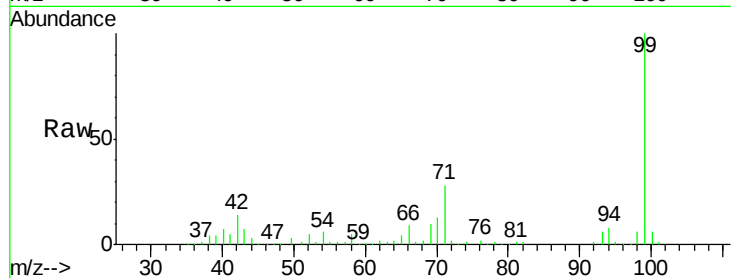
ClientSampleId :

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Tot Ion:	99	Resp:	290508
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.8	22.2#
71	28.1	26.6	39.8

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#8

2-Chlorophenol

Concen: 24.88 ng

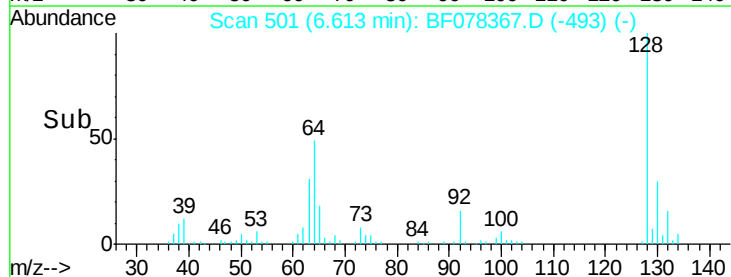
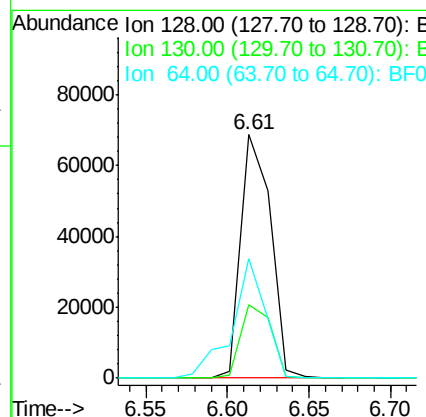
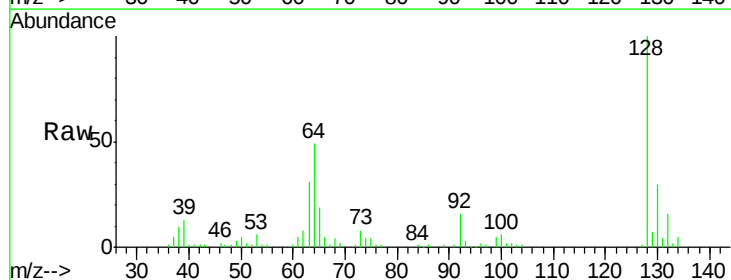
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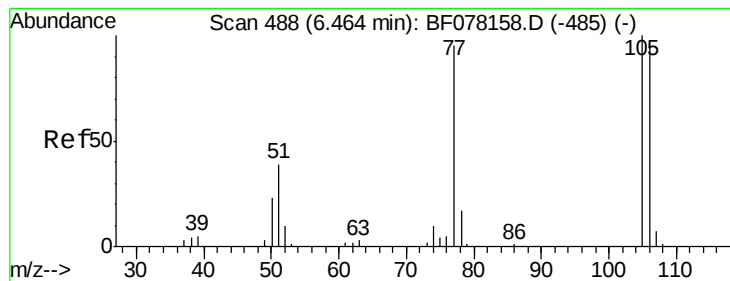
Delta R.T. -0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	128	Resp:	86501
Ion Ratio	Lower	Upper	
128	100		
130	30.4	12.3	52.3
64	48.8	23.8	63.8





#9

Benzaldehyde

Concen: 10.83 ng

RT: 6.33 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

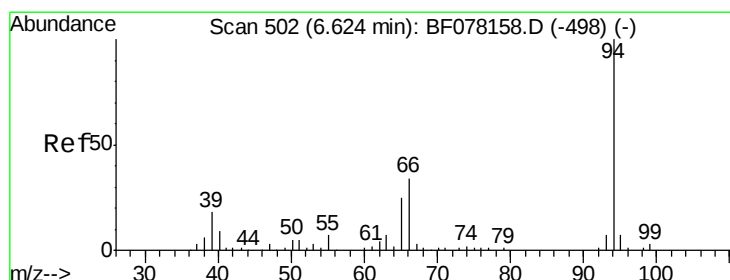
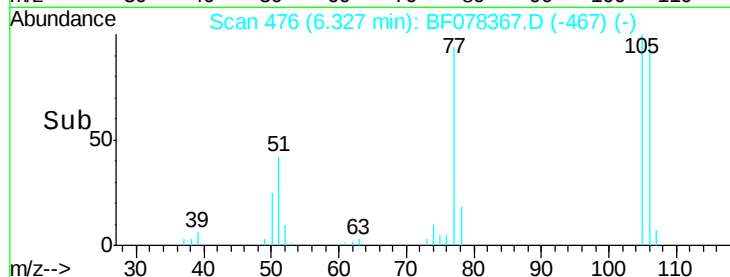
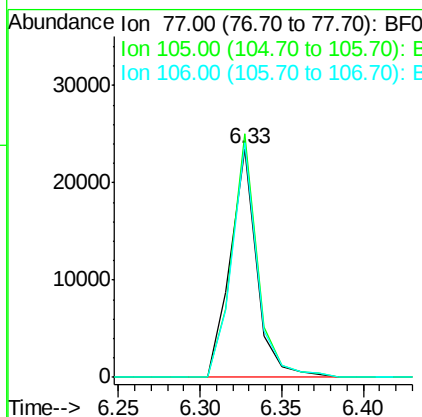
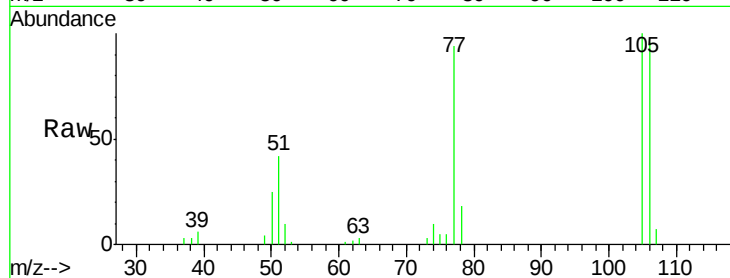
ClientSampleId :

SB11MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.4	85.4	125.4
106	102.6	80.8	120.8

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#10

Phenol

Concen: 26.98 ng

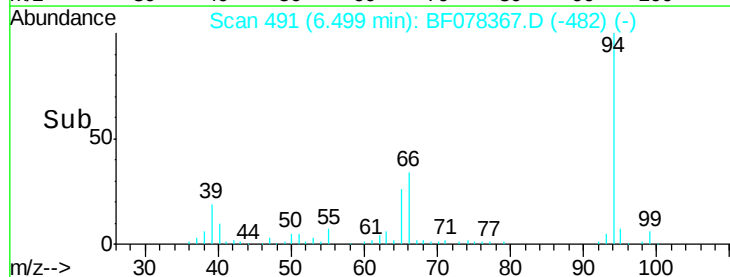
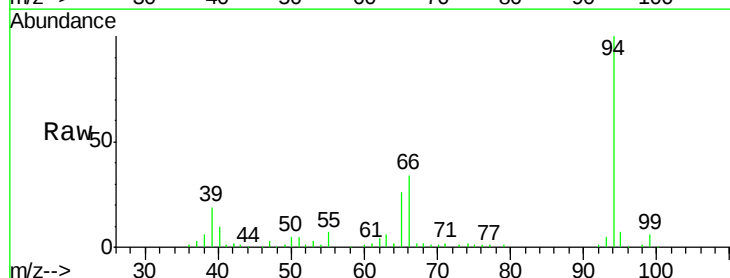
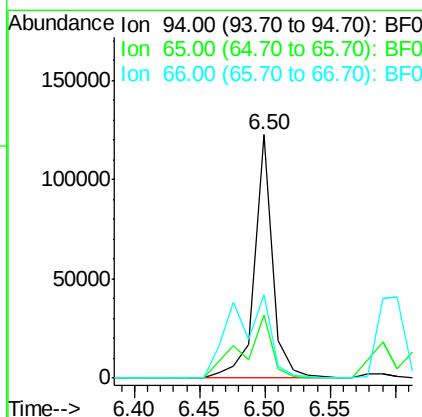
RT: 6.50 min Scan# 491

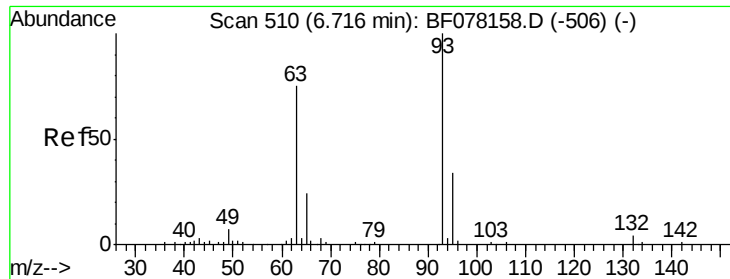
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.0	4.9	44.9
66	34.3	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 24.14 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

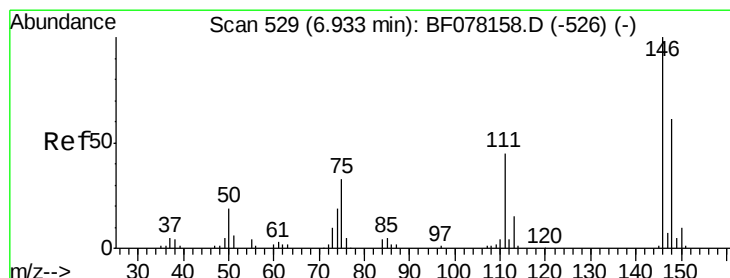
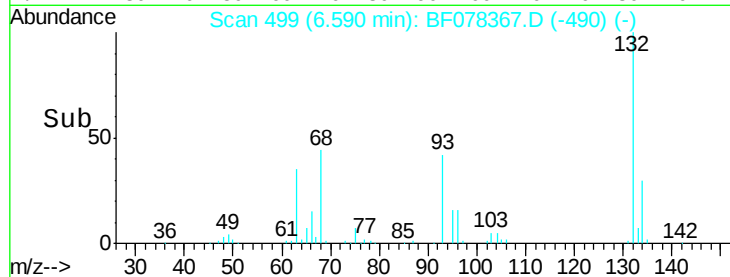
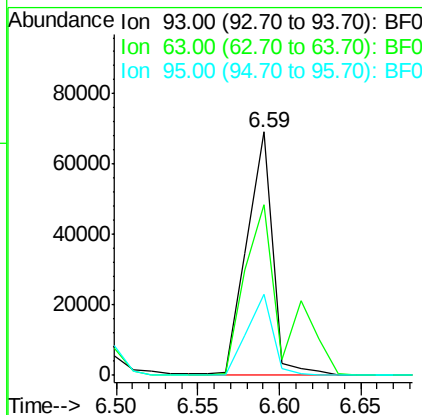
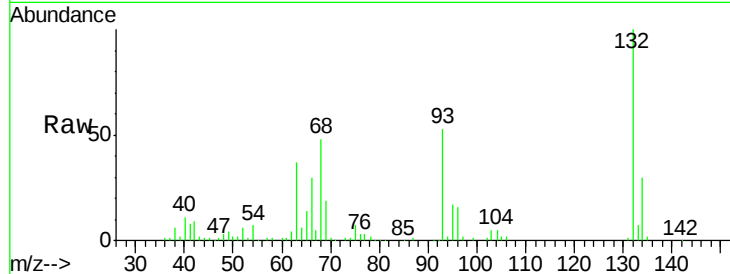
ClientSampleId :

SB11MS

Tot Ion:	93	Resp:	76638
Ion Ratio	Lower	Upper	
93	100		
63	70.2	54.6	94.6
95	33.3	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 22.92 ng

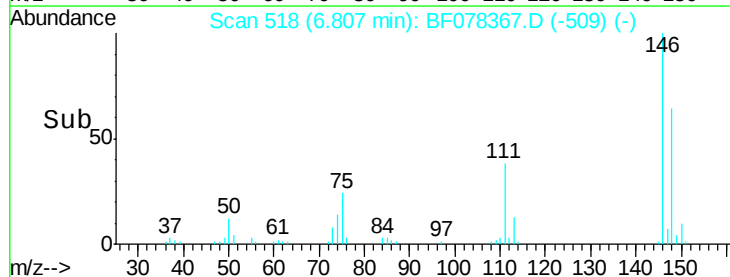
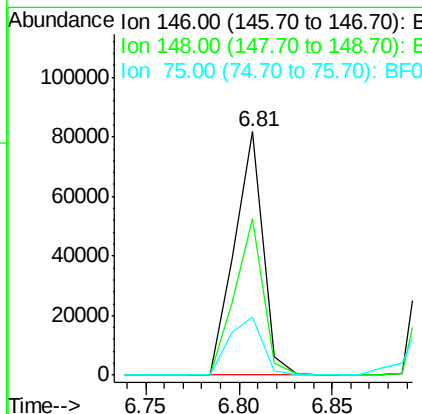
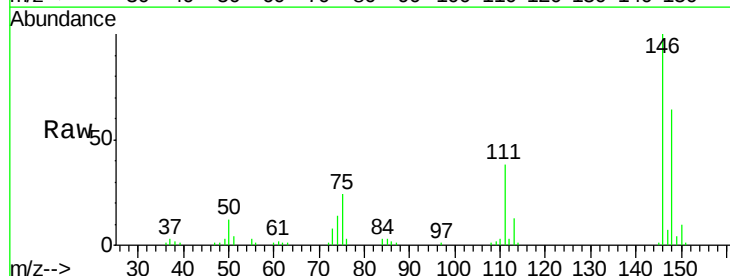
RT: 6.81 min Scan# 518

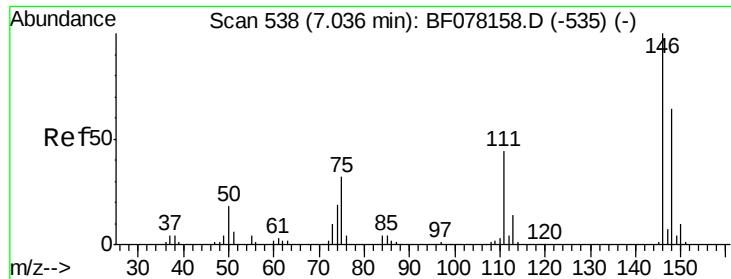
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	146	Resp:	87528
Ion Ratio	Lower	Upper	
146	100		
148	64.1	49.1	73.7
75	23.8	26.6	40.0#





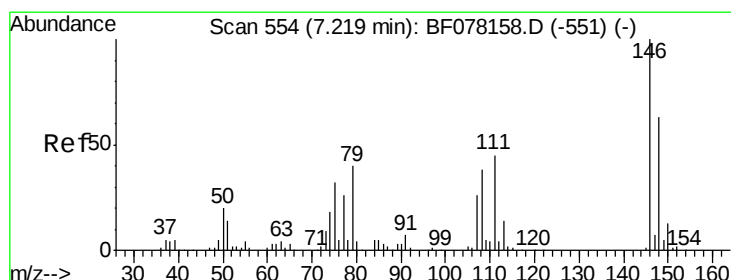
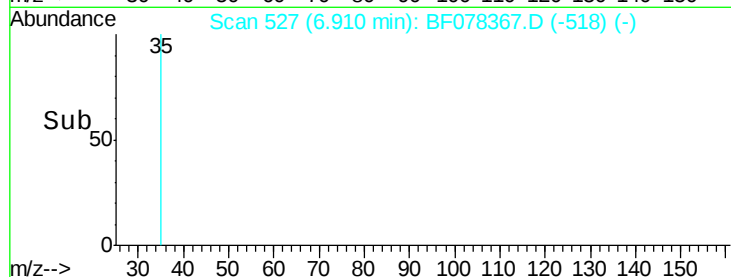
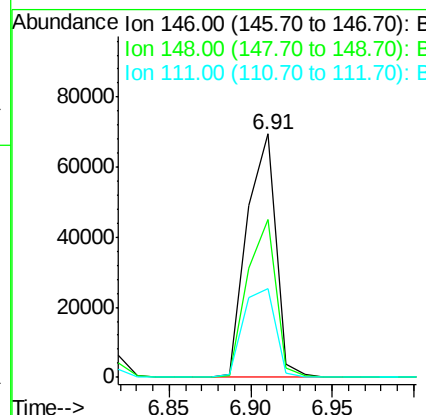
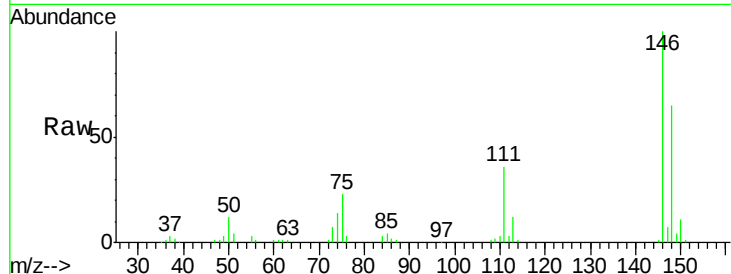
#13
 1,4-Dichlorobenzene
 Concen: 22.03 ng
 RT: 6.91 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	36.4	35.0	52.4

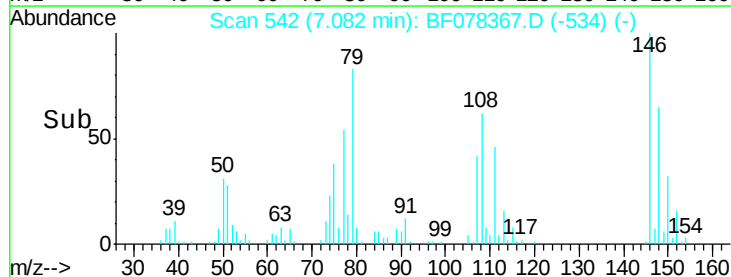
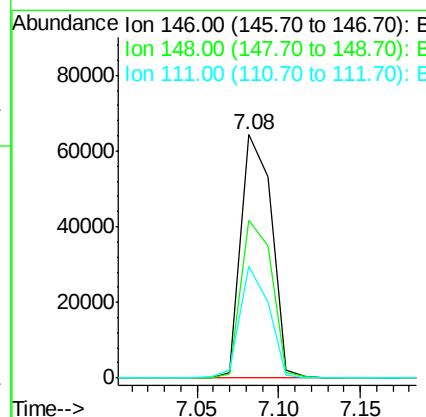
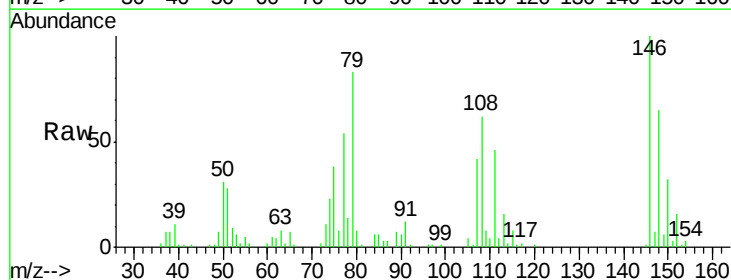
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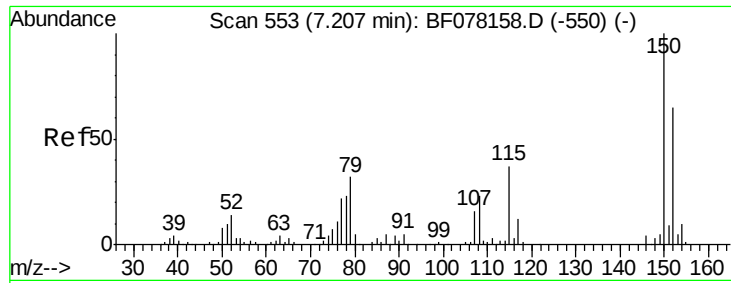
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#14
 1,2-Dichlorobenzene
 Concen: 23.09 ng
 RT: 7.08 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.4
111	45.8	36.1	54.1





#15

Benzyl Alcohol

Concen: 26.45 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

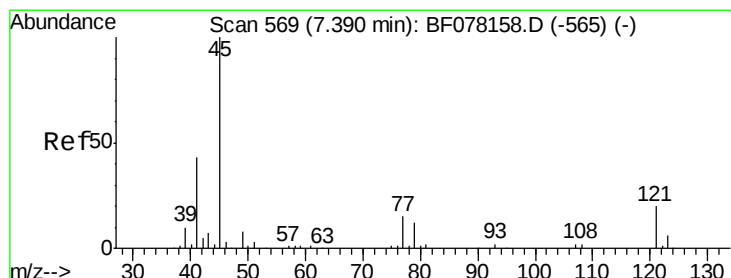
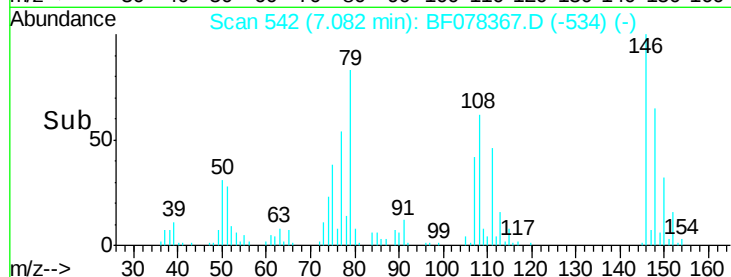
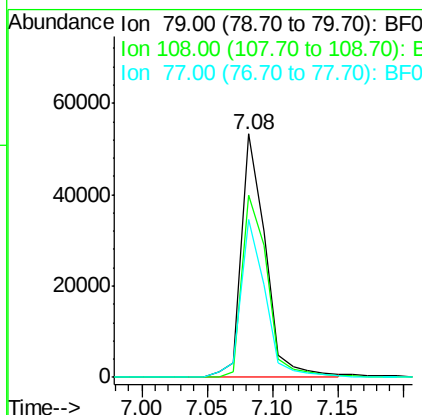
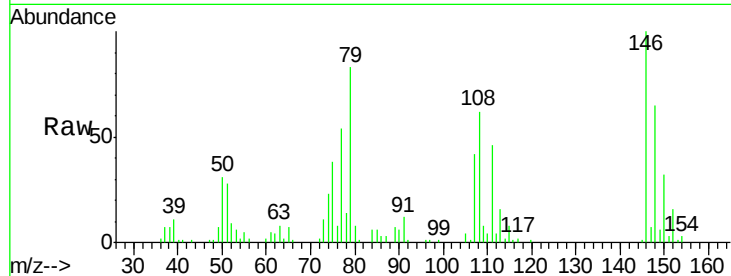
ClientSampleId :

SB11MS

Tot Ion:	79	Resp:	68495
Ion Ratio	Lower	Upper	
79	100		
108	75.0	57.6	86.4
77	64.8	53.5	80.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.14 ng

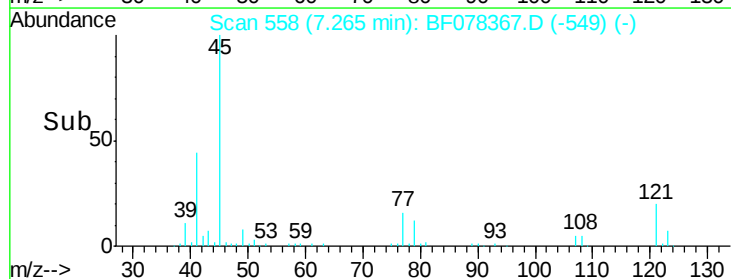
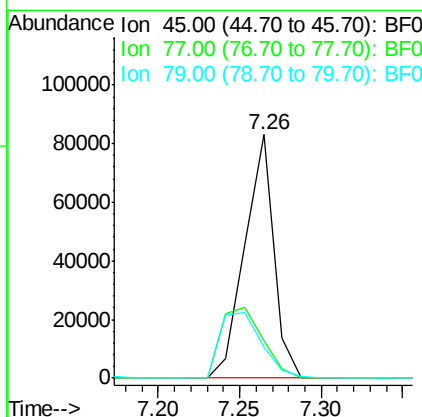
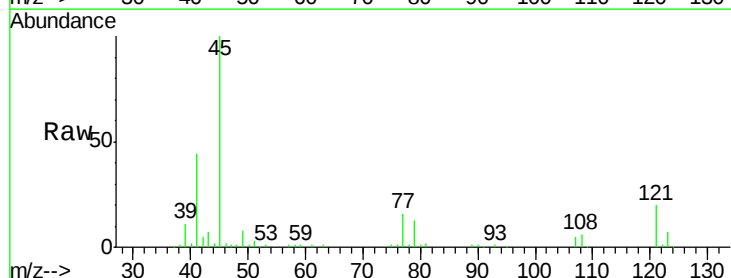
RT: 7.26 min Scan# 558

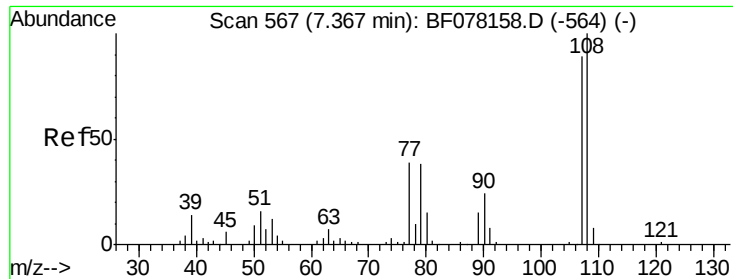
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	45	Resp:	102246
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	34.5
79	12.8	0.0	31.9





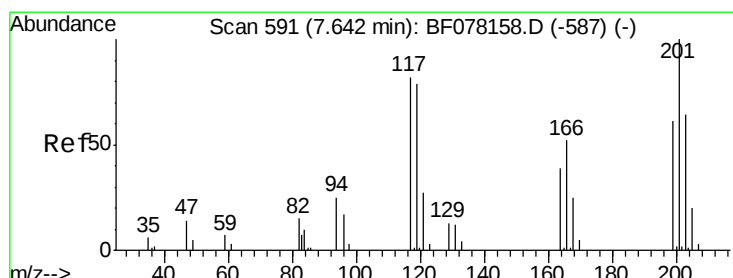
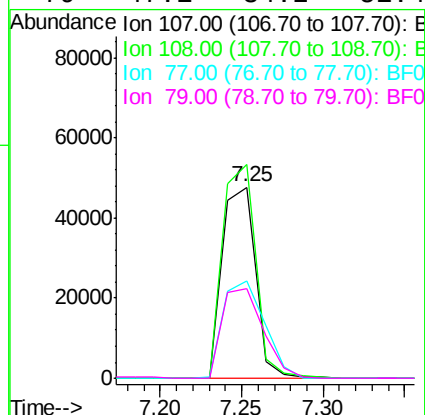
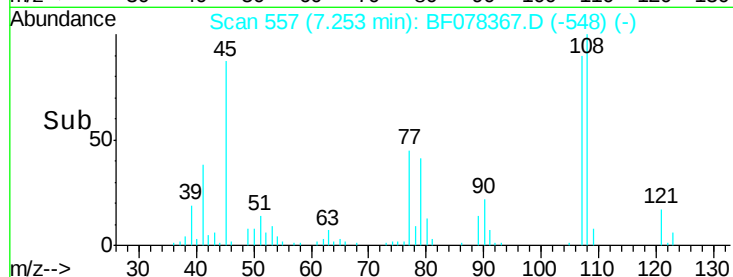
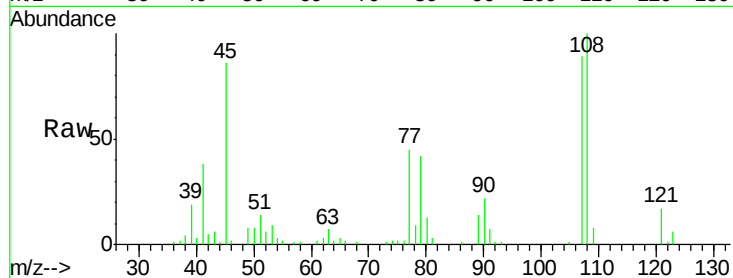
#17
2-Methylphenol
Concen: 24.84 ng
RT: 7.25 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion:	107	Resp:	67042
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.3	135.5
77	50.8	35.5	53.3
79	47.1	34.2	51.4

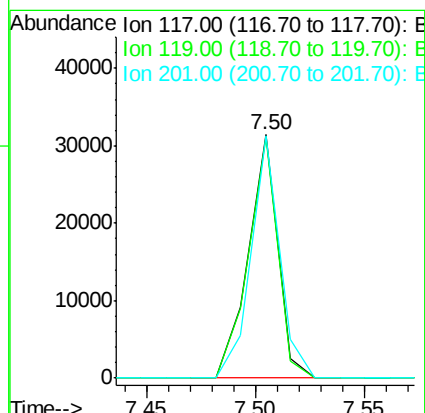
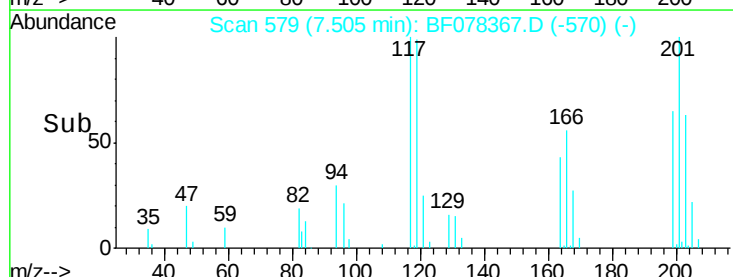
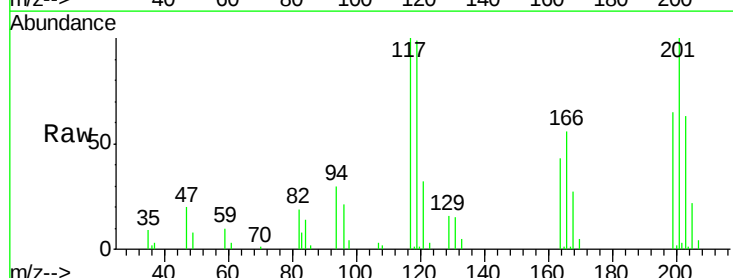
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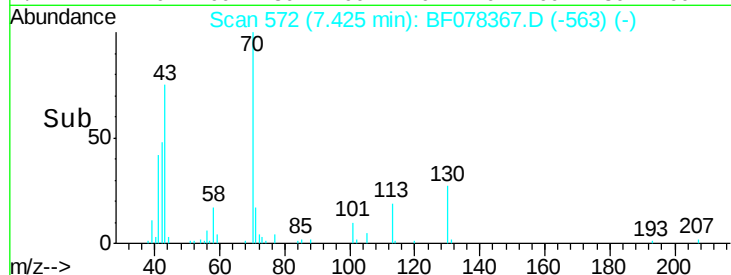
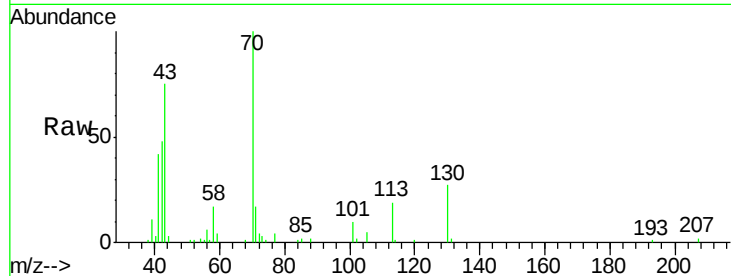
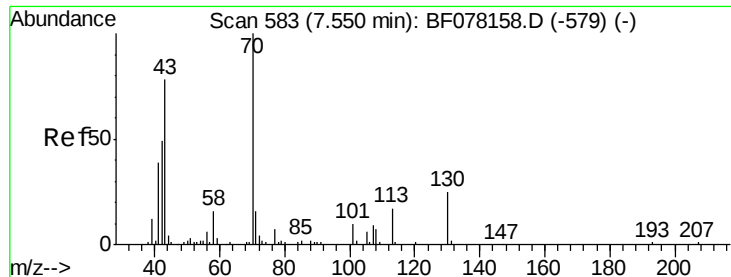
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#18
Hexachloroethane
Concen: 22.78 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion:	117	Resp:	29534
Ion Ratio	Lower	Upper	
117	100		
119	99.1	77.0	115.6
201	99.7	98.1	147.1





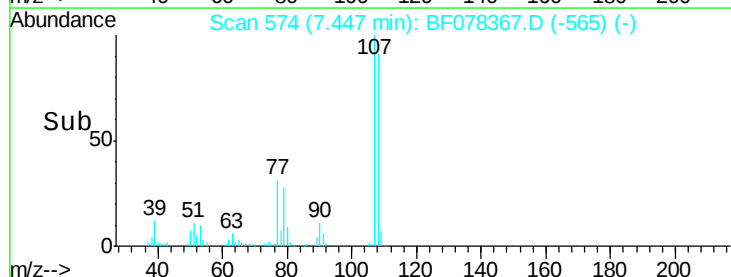
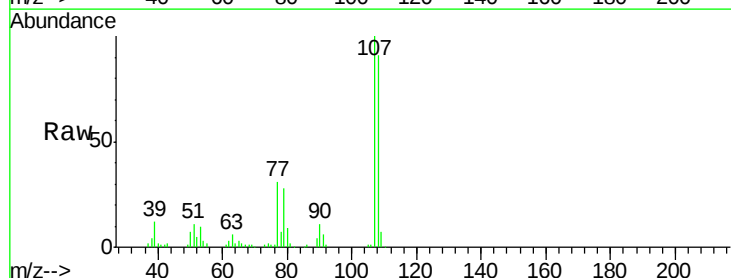
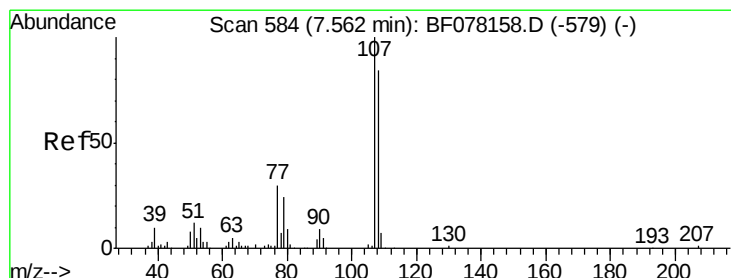
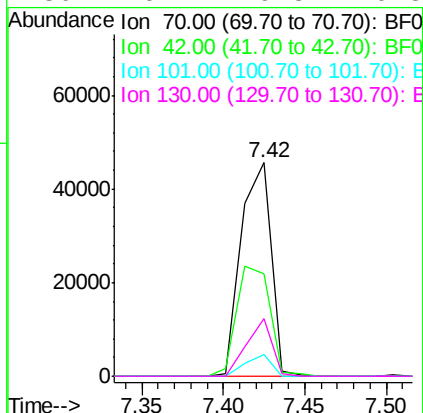
#19
n-Nitroso-di-n-propylamine
Concen: 23.82 ng
RT: 7.42 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

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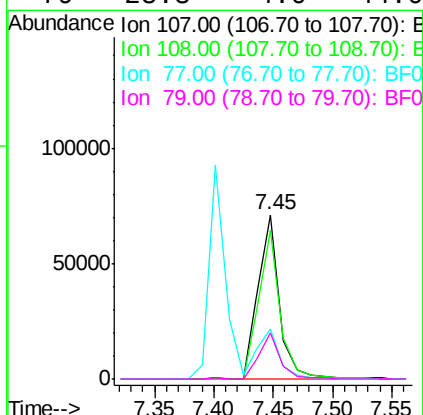
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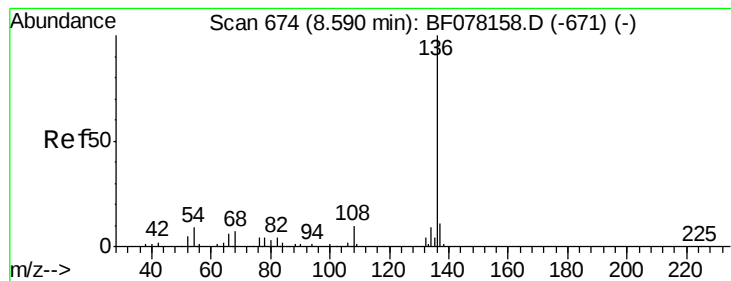
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.8	38.9	58.3	
101	10.2	8.3	12.5	
130	26.7	19.8	29.8	



#20
3+4-Methylphenols
Concen: 25.17 ng
RT: 7.45 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	64.4	104.4	
77	30.6	9.7	49.7	
79	28.3	4.0	44.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

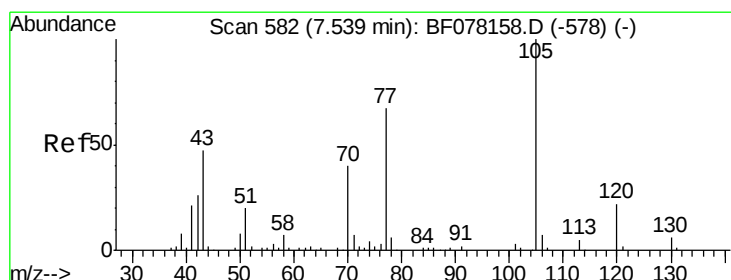
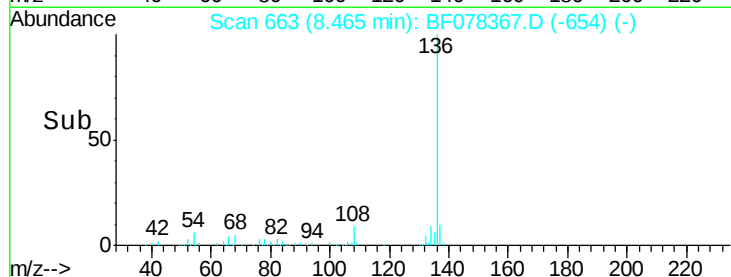
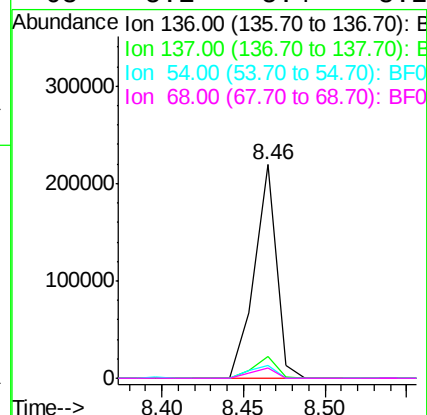
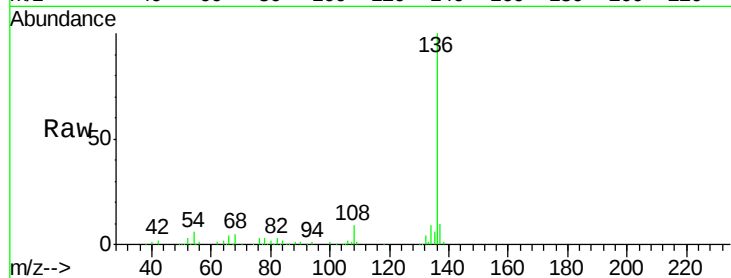
ClientSampleId :

SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	205777		
137	10.4	9.0	13.4	
54	6.3	7.0	10.6	
68	5.1	5.4	8.2	

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#22

Acetophenone

Concen: 24.54 ng

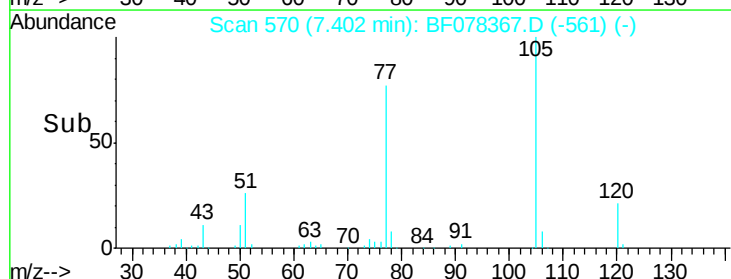
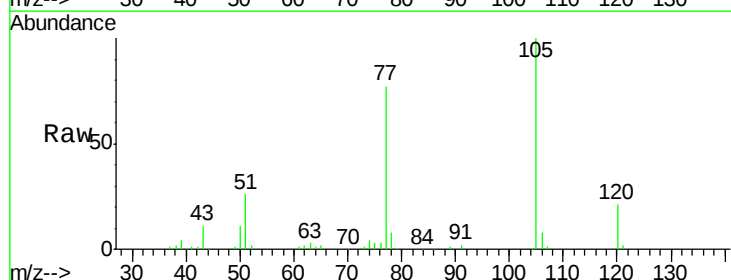
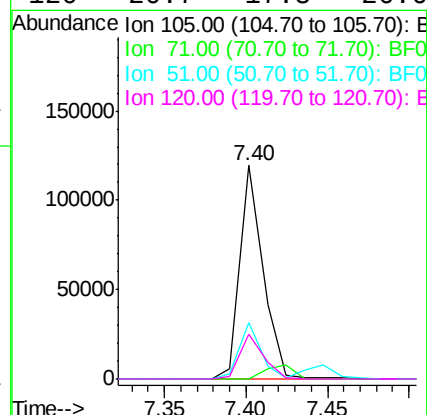
RT: 7.40 min Scan# 570

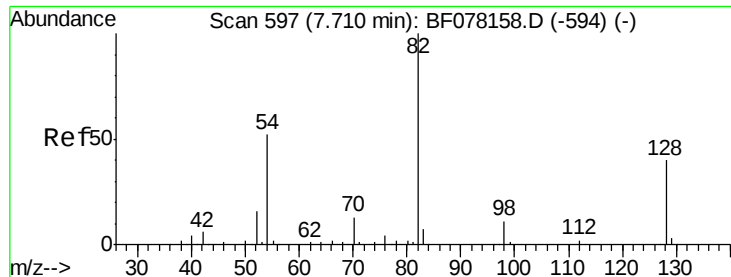
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	117680		
71	0.0	5.5	8.3	
51	26.3	16.0	24.0	
120	20.7	17.8	26.6	





#23

Nitrobenzene-d5

Concen: 48.50 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

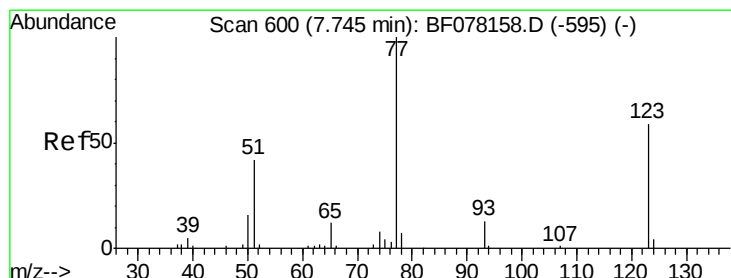
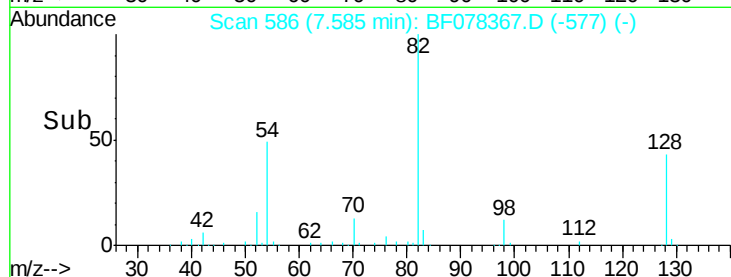
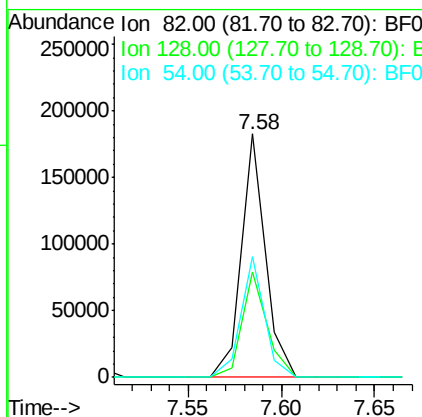
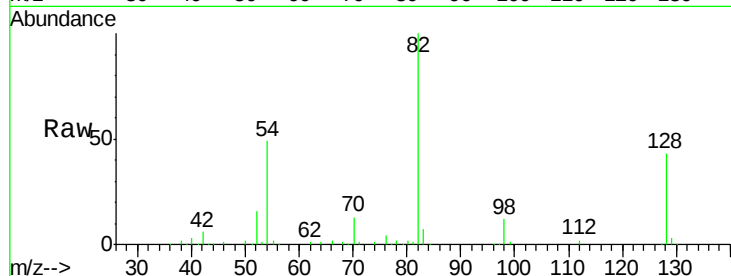
ClientSampleId :

SB11MS

Tot Ion:	82	Resp:	164643
Ion Ratio		Lower	Upper
82	100		
128	43.0	31.8	47.8
54	49.4	41.5	62.3

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#24

Nitrobenzene

Concen: 24.04 ng

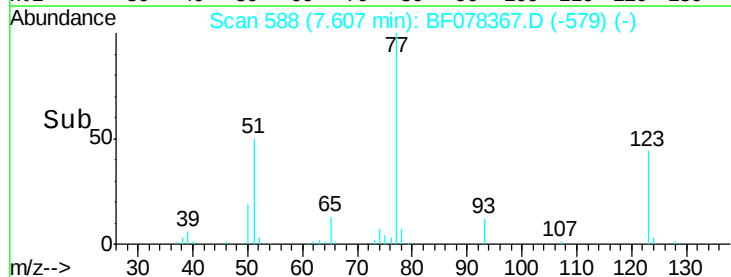
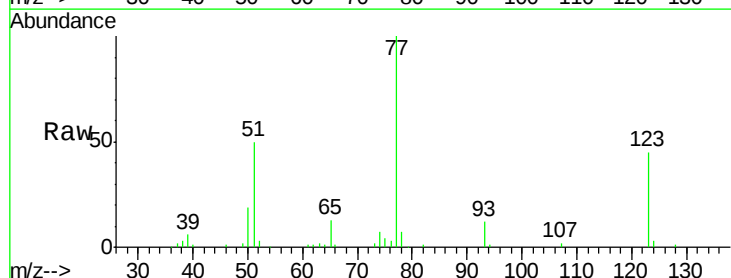
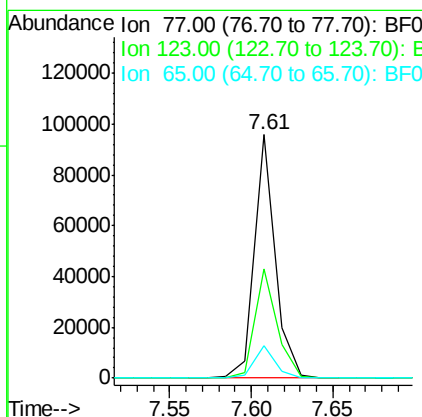
RT: 7.61 min Scan# 588

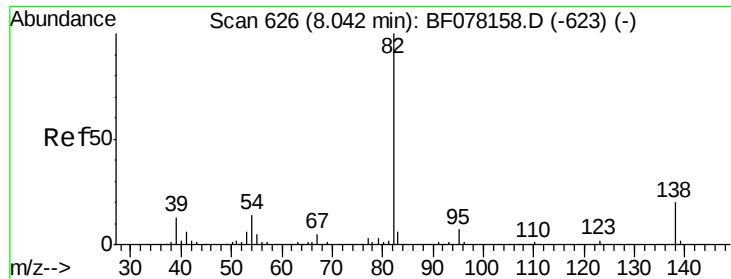
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	77	Resp:	85303
Ion Ratio		Lower	Upper
77	100		
123	45.0	46.9	70.3#
65	13.1	9.5	14.3





#25

Isophorone

Concen: 23.46 ng

RT: 7.92 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

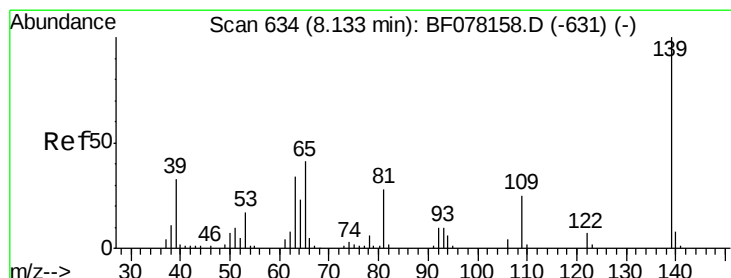
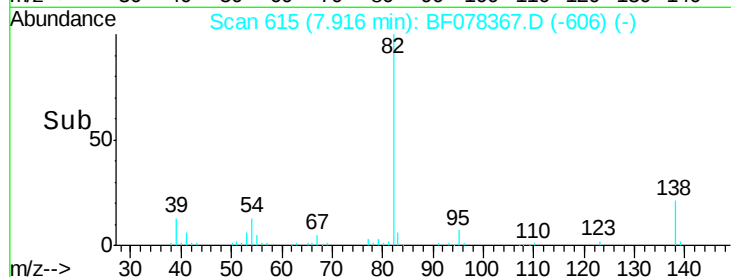
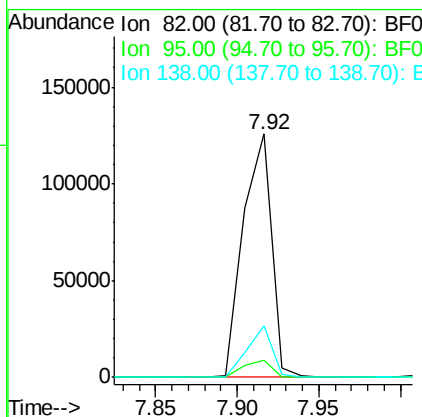
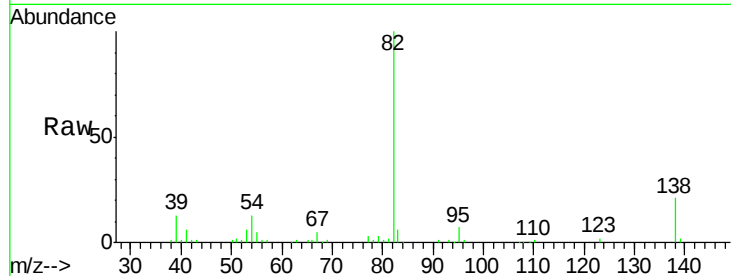
ClientSampleId :

SB11MS

Tot Ion:	82	Resp:	151142
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.7	8.5
138	21.0	15.8	23.8

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#26

2-Nitrophenol

Concen: 23.22 ng

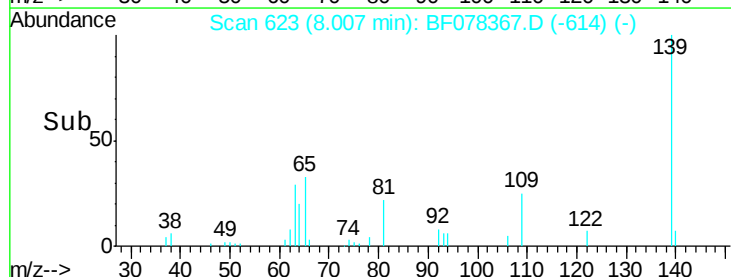
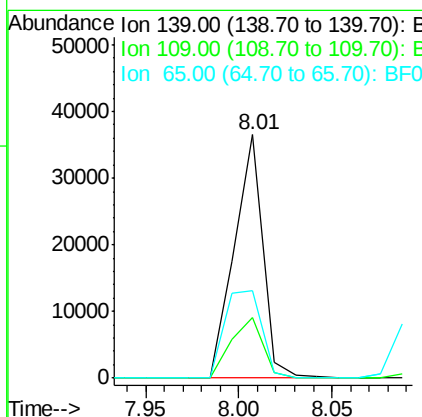
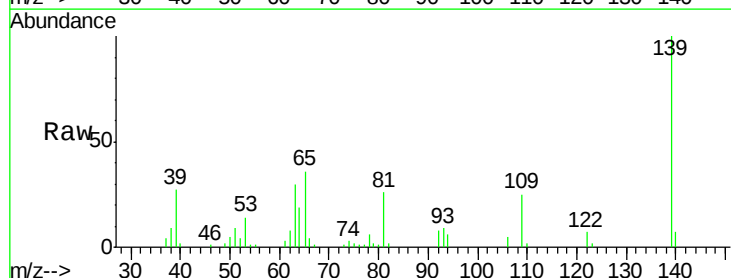
RT: 8.01 min Scan# 623

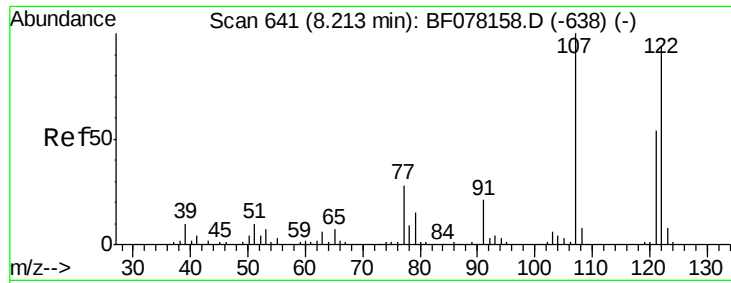
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	139	Resp:	39263
Ion Ratio		Lower	Upper
139	100		
109	24.9	19.8	29.8
65	35.7	32.7	49.1





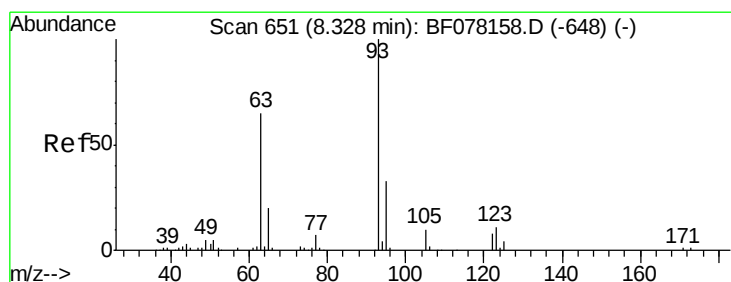
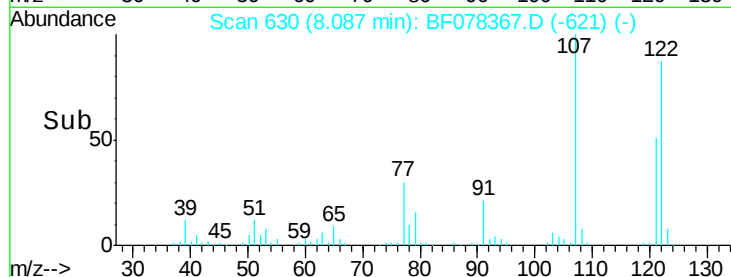
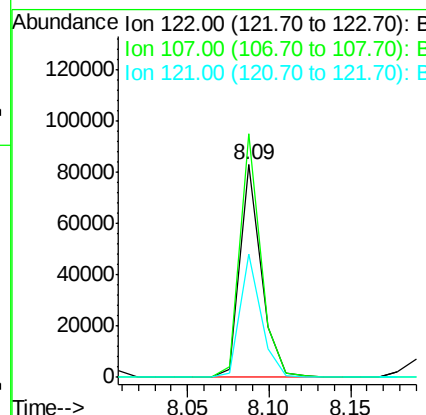
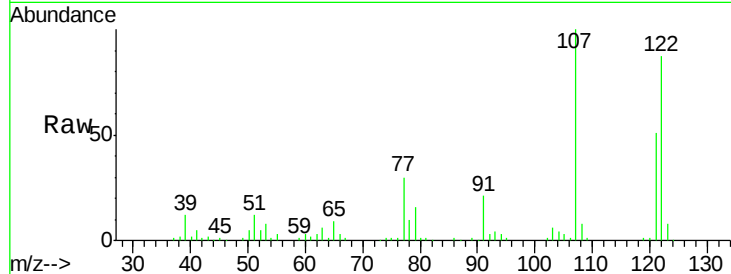
#27
 2,4-Dimethylphenol
 Concen: 23.60 ng
 RT: 8.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		74229		
107	114.7	84.6	127.0		
121	58.2	46.0	69.0		

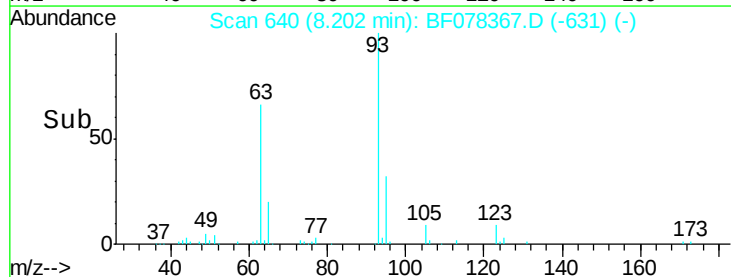
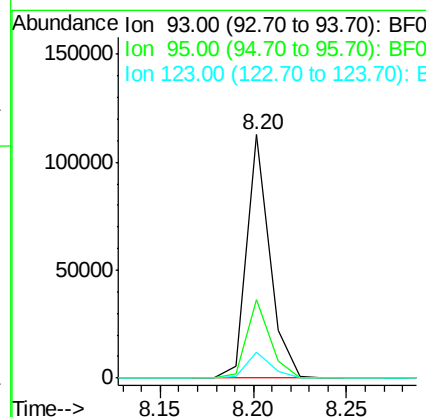
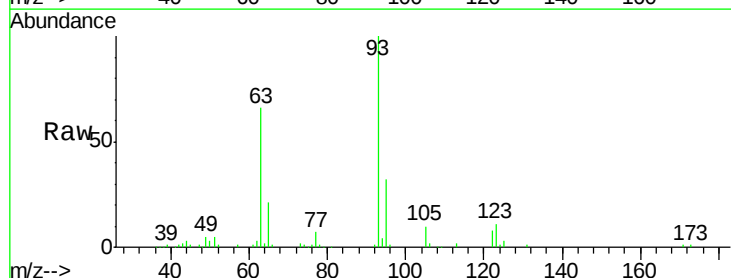
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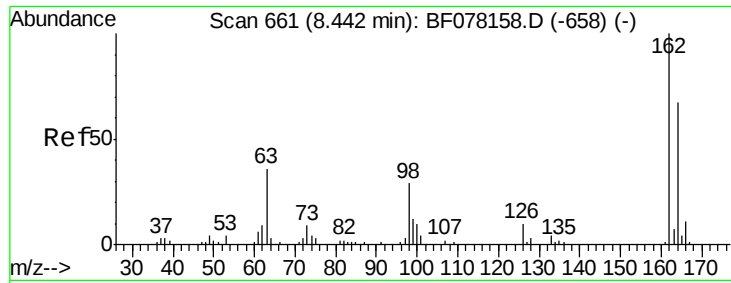
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#28
 bis(2-Chloroethoxy)methane
 Concen: 23.39 ng
 RT: 8.20 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		96629		
95	32.1	26.3	39.5		
123	10.7	9.1	13.7		





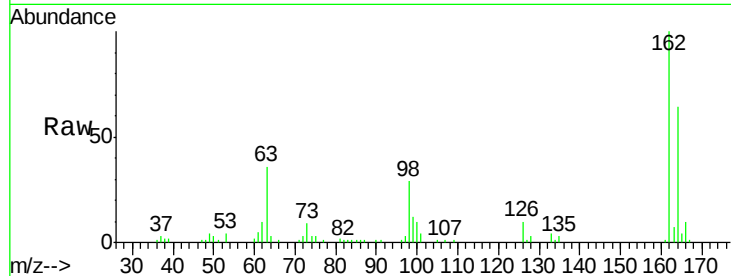
#29
 2,4-Dichlorophenol
 Concen: 24.61 ng
 RT: 8.32 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

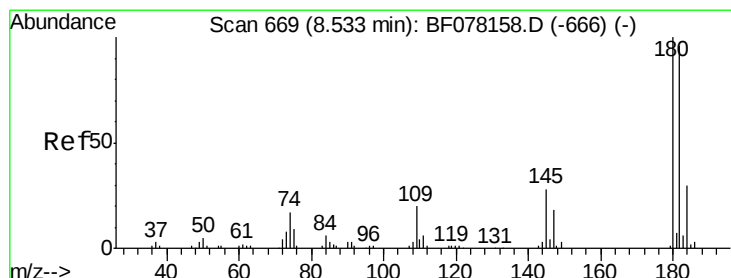
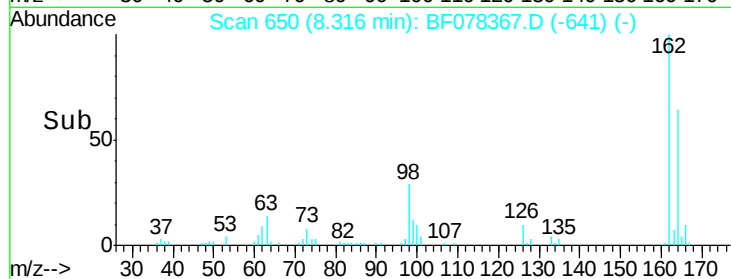
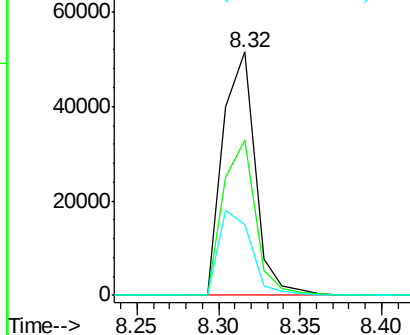
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	47.0	87.0
98	29.1	9.2	49.2

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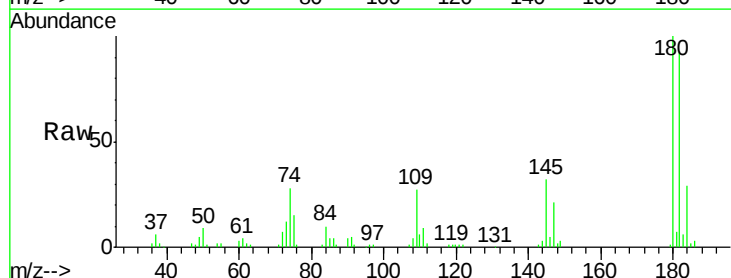


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

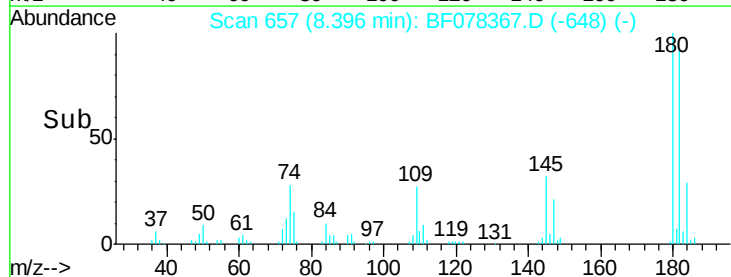
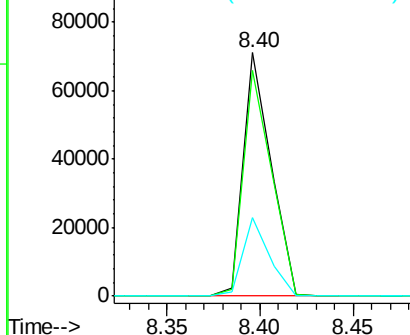


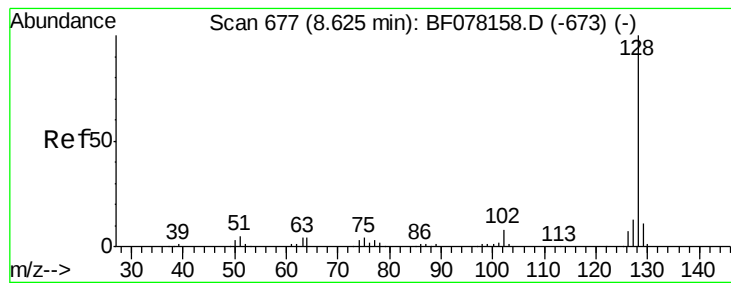
#30
 1,2,4-Trichlorobenzene
 Concen: 22.44 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.9	115.3
145	32.1	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: 23.33 ng

RT: 8.49 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

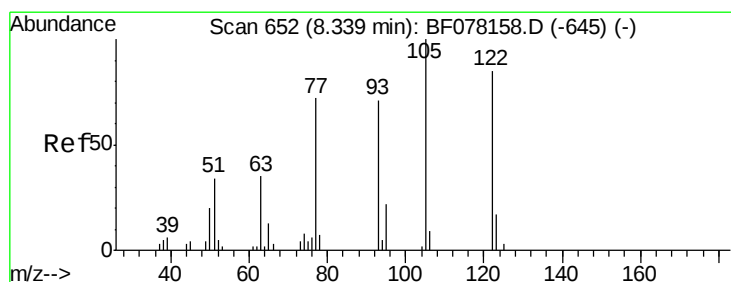
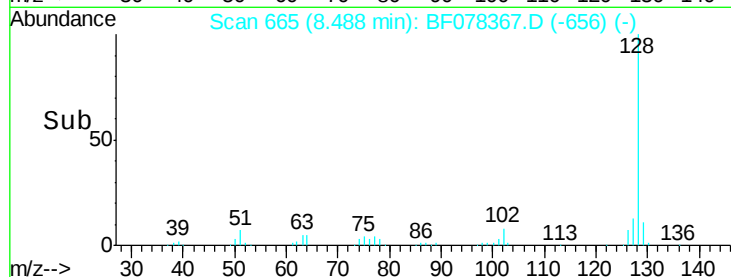
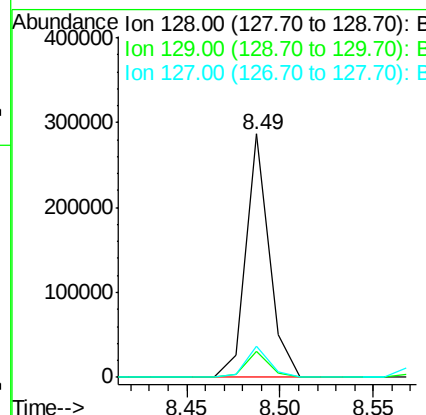
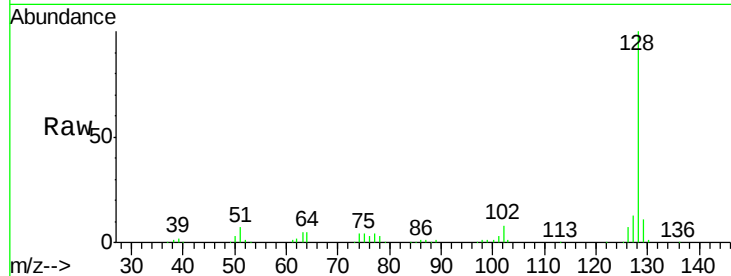
ClientSampleId :

SB11MS

Tot Ion:	128	Resp:	249851
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	12.8
127	12.9	10.7	16.1

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#32

Benzoic acid

Concen: 16.40 ng

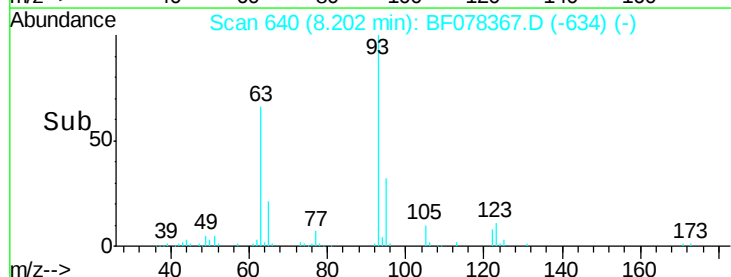
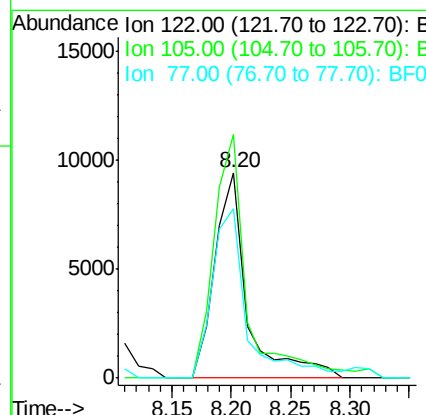
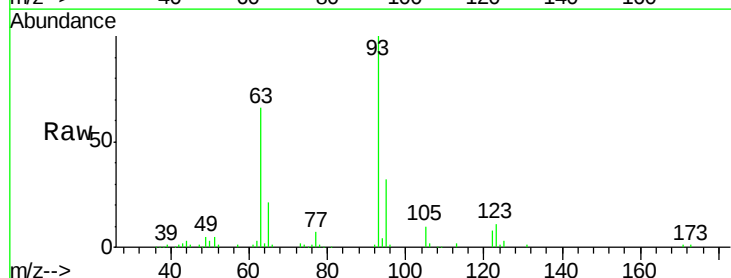
RT: 8.20 min Scan# 640

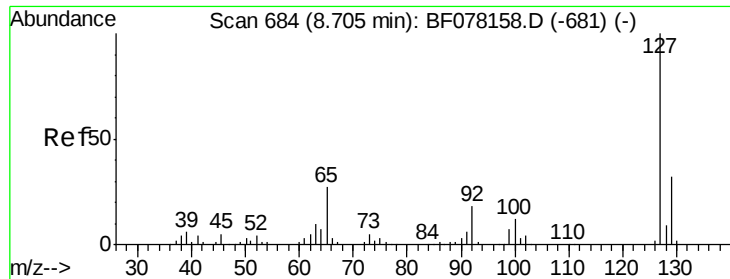
Delta R.T. -0.03 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	122	Resp:	17846
Ion Ratio	Lower	Upper	
122	100		
105	118.6	96.1	136.1
77	82.7	64.1	104.1





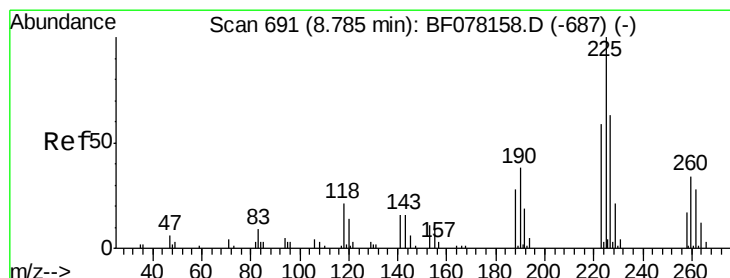
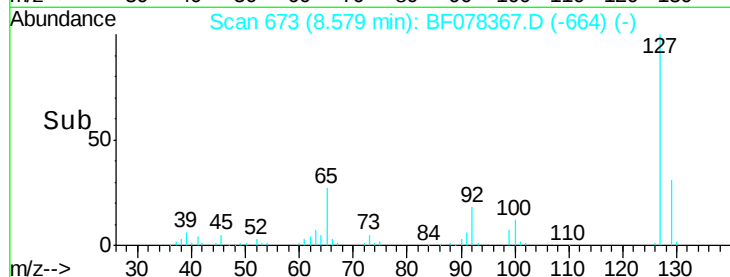
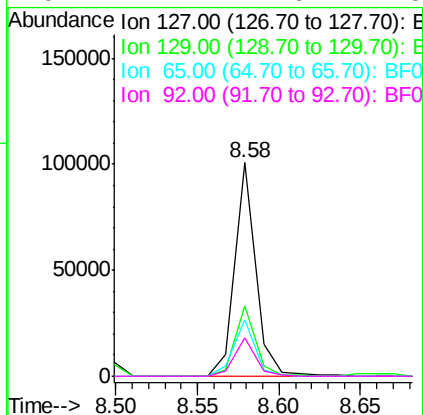
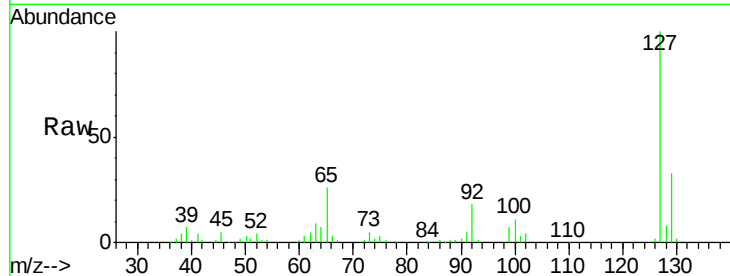
#33
4-Chloroaniline
Concen: 20.14 ng
RT: 8.58 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.5	38.3		
65	26.3	21.7	32.5		
92	17.7	14.6	21.8		

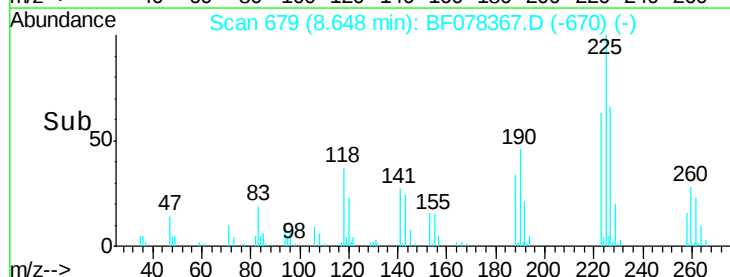
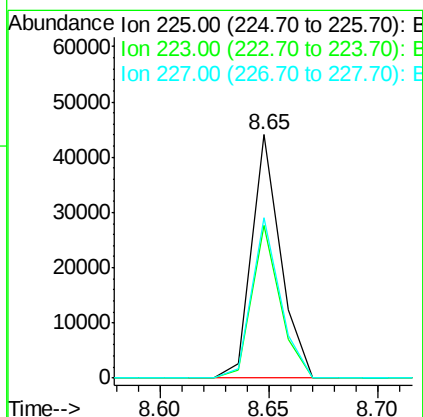
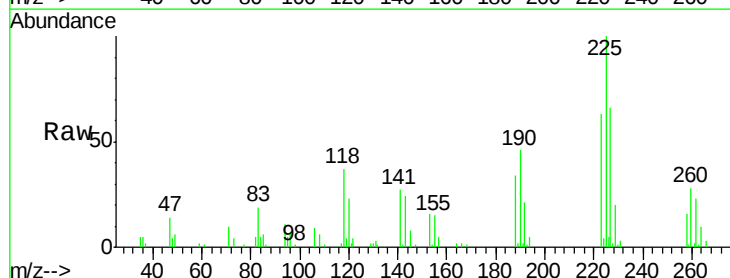
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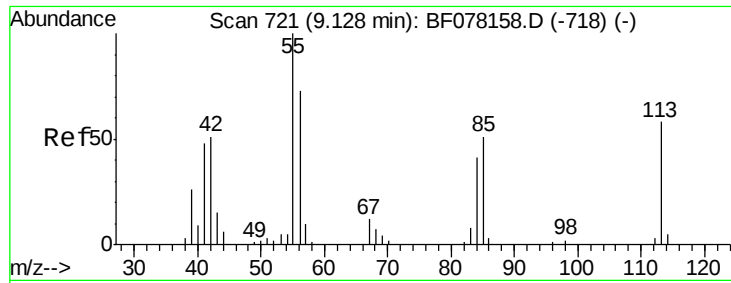
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#34
Hexachlorobutadiene
Concen: 22.47 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	47.5	71.3		
227	65.6	50.2	75.2		





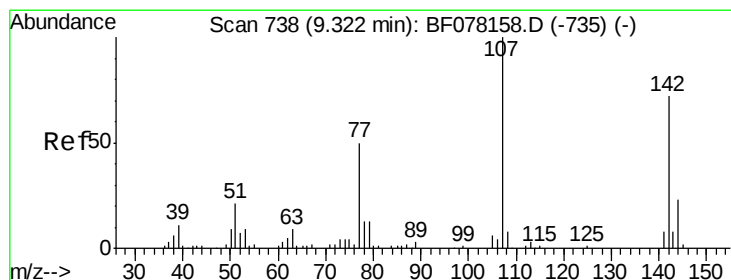
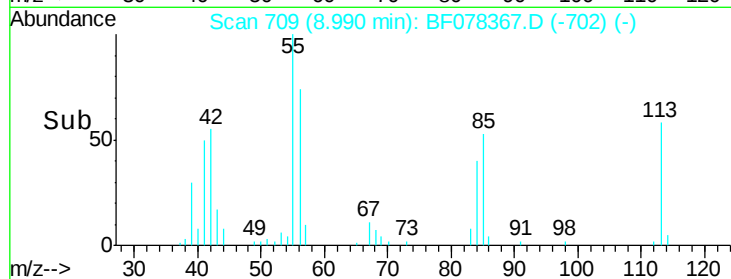
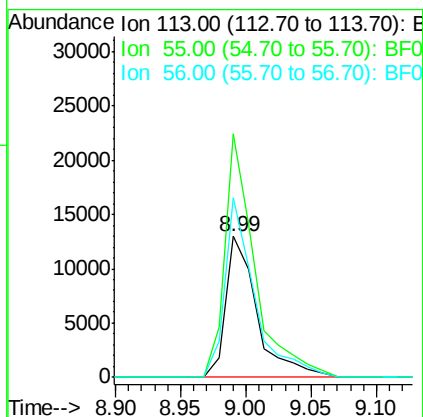
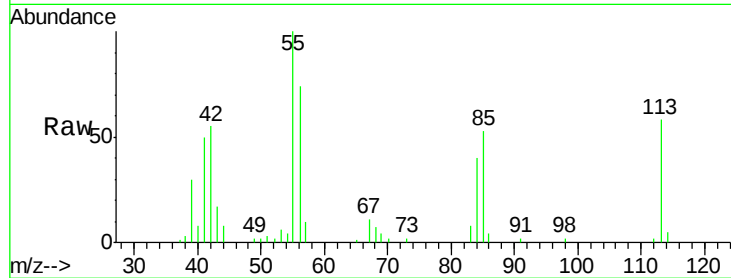
#35
Caprolactam
Concen: 25.43 ng
RT: 8.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		21717		
55	172.5	151.9	191.9		
56	126.9	106.1	146.1		

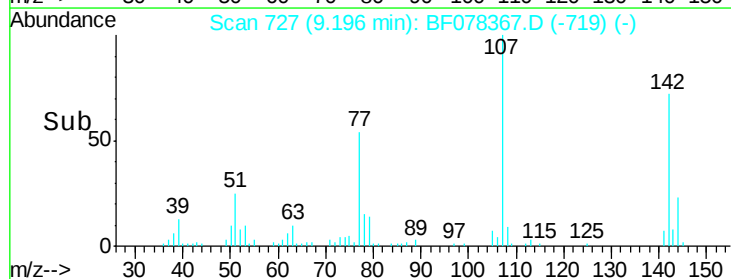
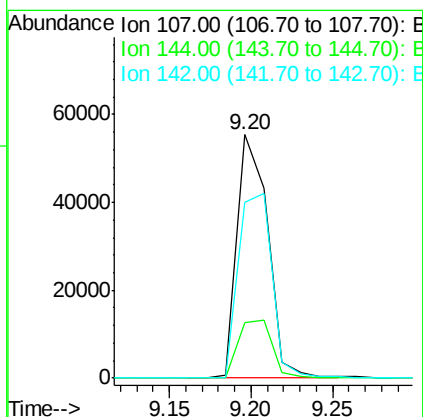
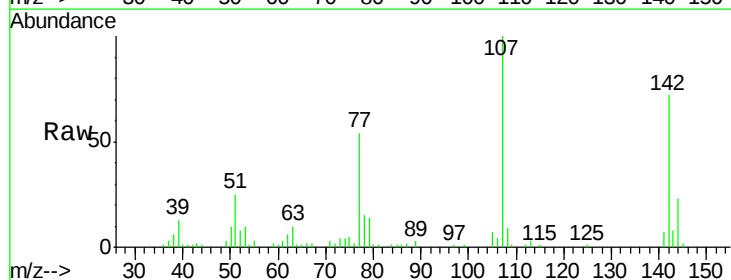
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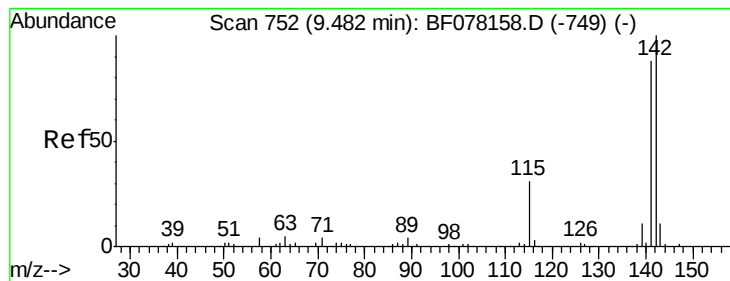
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#36
4-Chloro-3-methylphenol
Concen: 24.95 ng
RT: 9.20 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		72026		
144	23.0	18.2	27.2		
142	72.1	58.0	87.0		





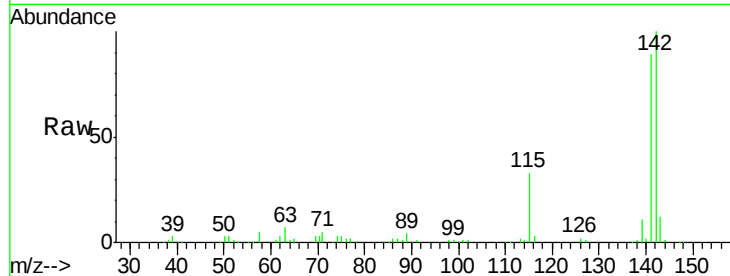
#37
2-Methylnaphthalene
Concen: 22.77 ng
RT: 9.34 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

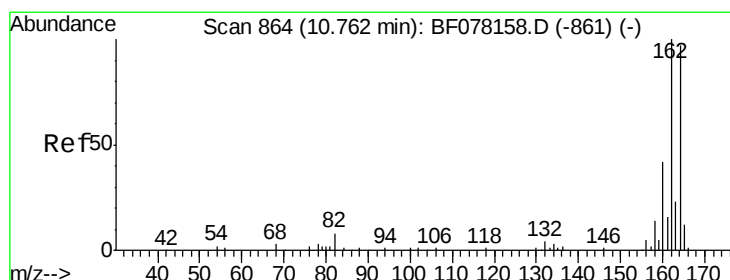
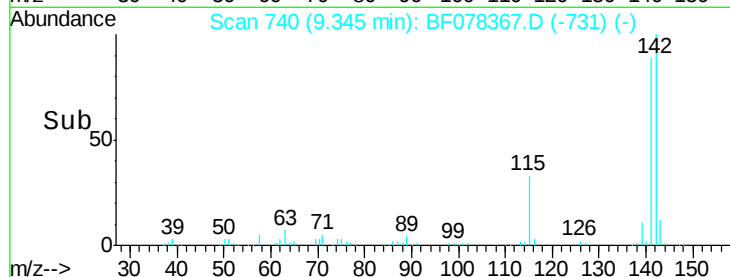
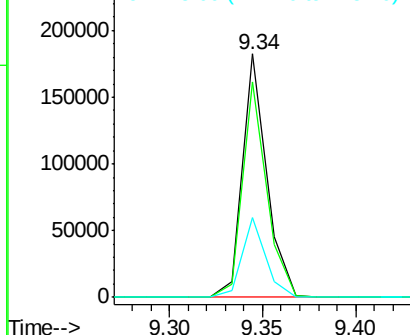
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	32.5	24.6	37.0

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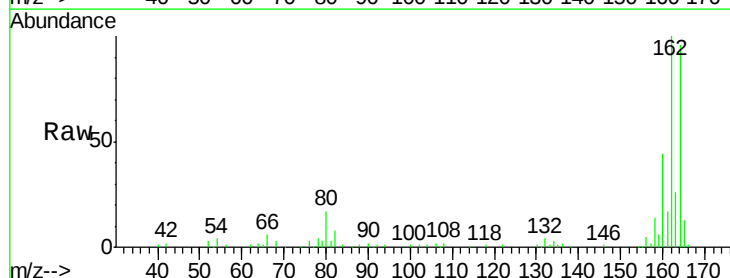


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

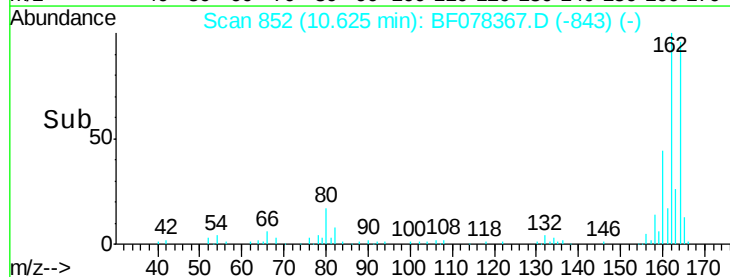
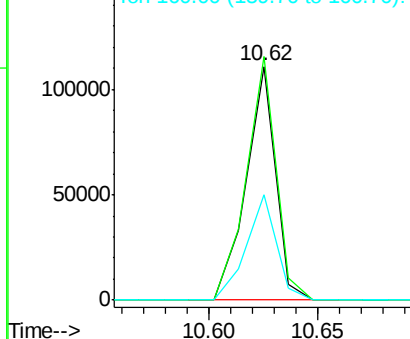


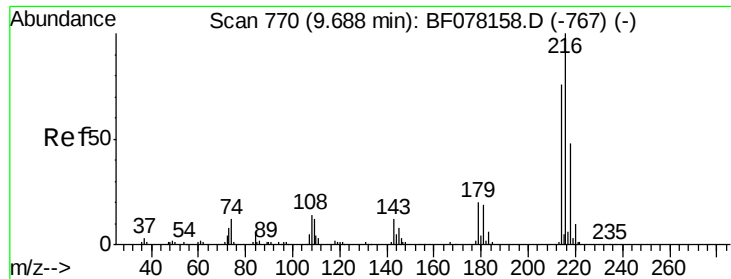
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.62 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.2
160	45.4	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





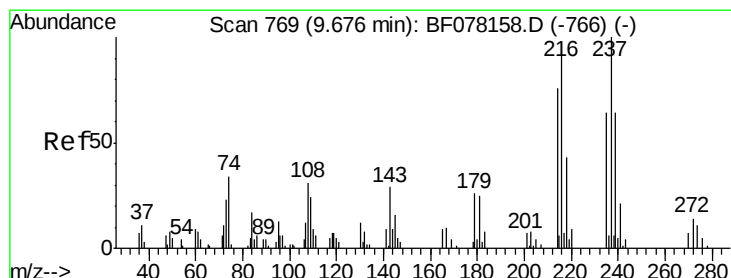
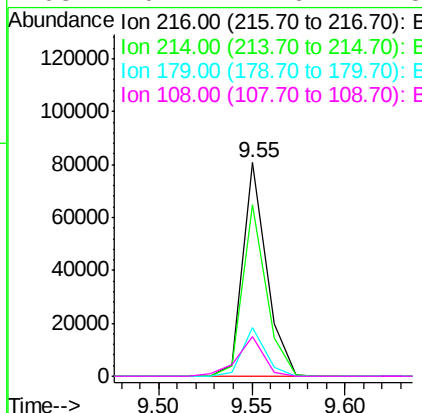
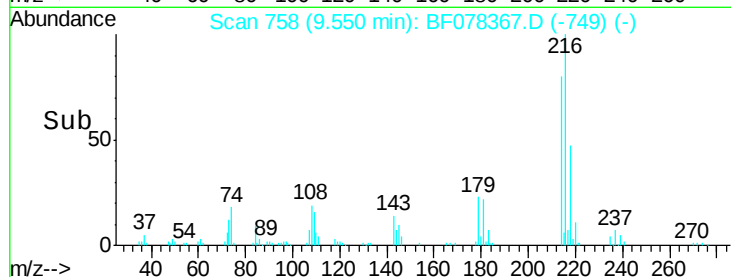
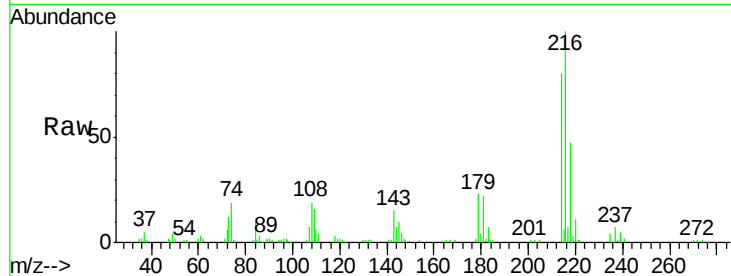
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.50 ng
 RT: 9.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.2		62.0	93.0	
179	21.9		17.3	25.9	
108	20.7		14.6	21.8	

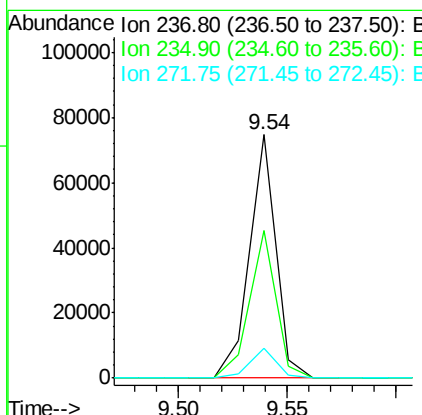
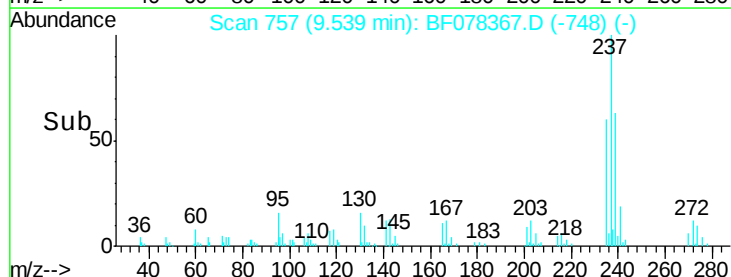
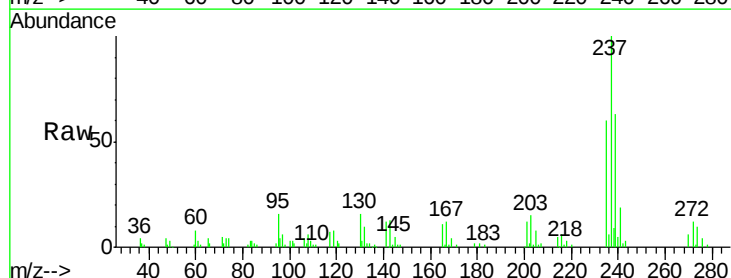
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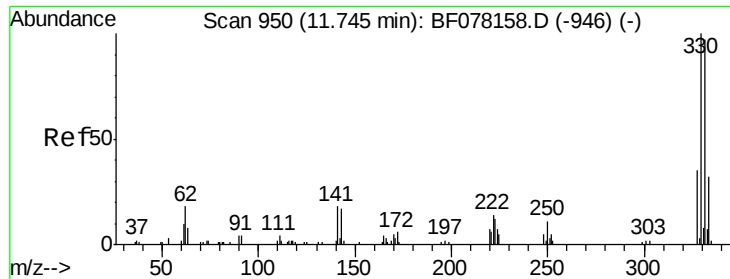
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#40
 Hexachlorocyclopentadiene
 Concen: 48.45 ng
 RT: 9.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	60.5		44.1	84.1	
272	12.1		0.0	34.4	





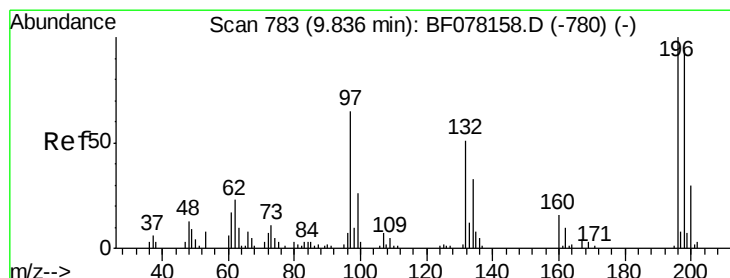
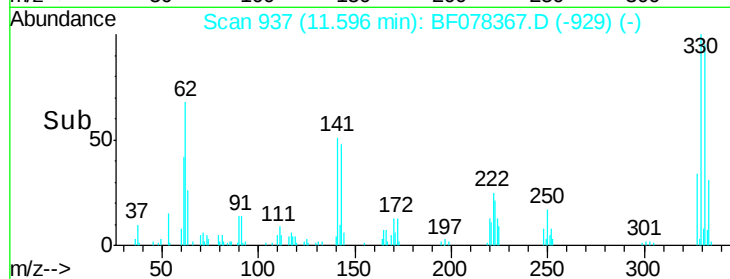
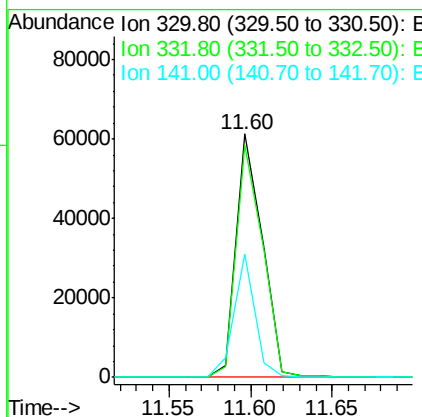
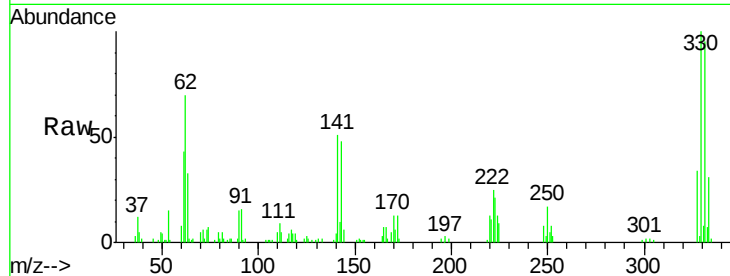
#41
 2,4,6-Tribromophenol
 Concen: 78.98 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampled :
 SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	68061		
332	96.2		78.6	117.8
141	40.7		31.2	46.8

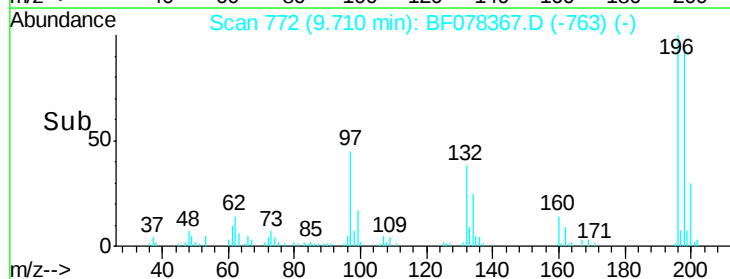
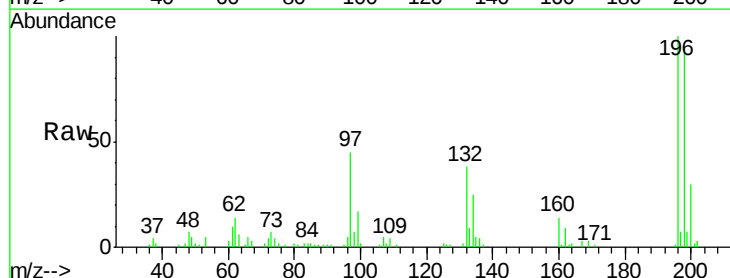
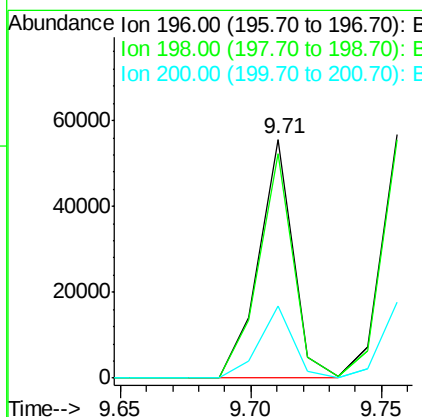
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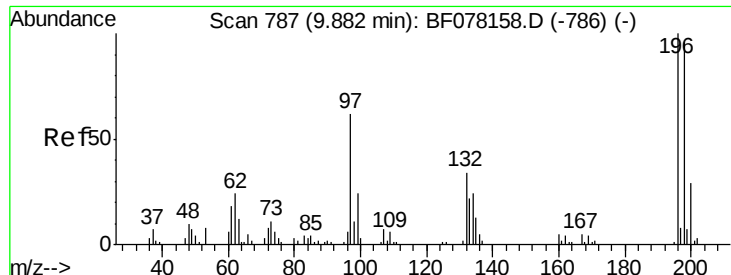
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#42
 2,4,6-Trichlorophenol
 Concen: 25.32 ng
 RT: 9.71 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51406		
198	94.2		75.4	113.2
200	30.3		24.0	36.0





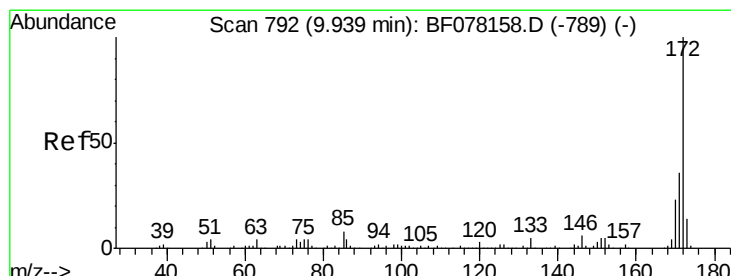
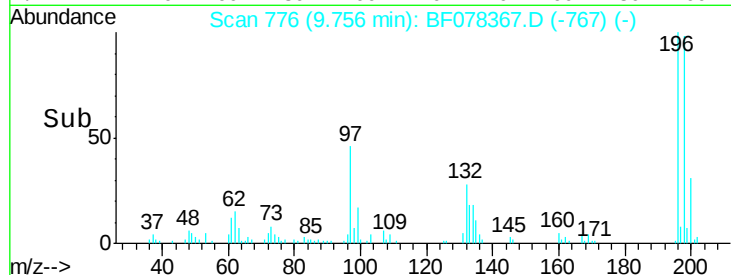
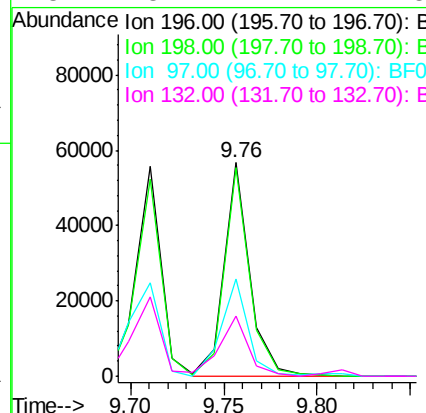
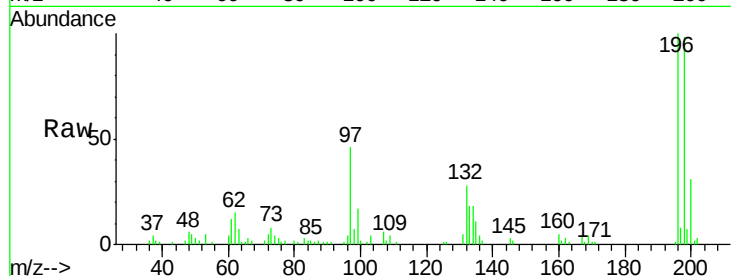
#43
 2,4,5-Trichlorophenol
 Concen: 25.81 ng
 RT: 9.76 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion:	196	Resp:	54750
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.6	115.0
97	45.8	50.6	75.8#
132	28.4	27.7	41.5

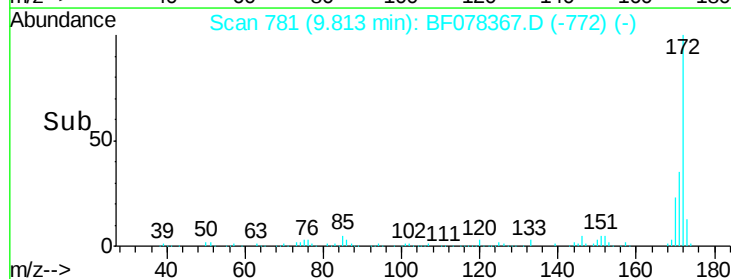
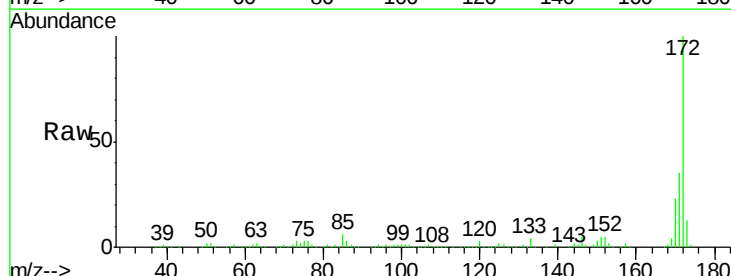
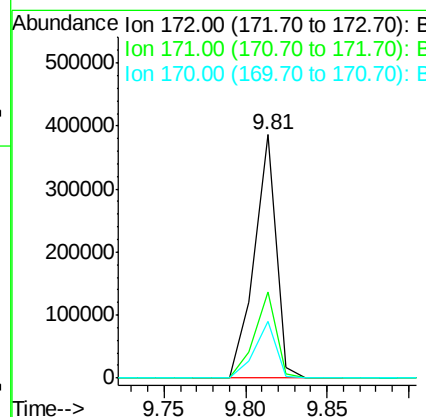
Manual Integrations
 APPROVED

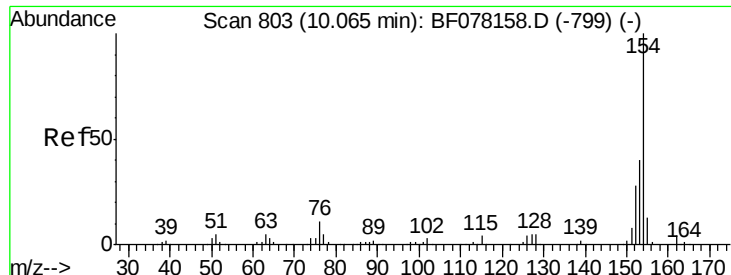
apatel
 4/10/2015 5:12:59 PM



#44
 2-Fluorobiphenyl
 Concen: 49.47 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion:	172	Resp:	359629
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	42.8
170	23.2	18.5	27.7





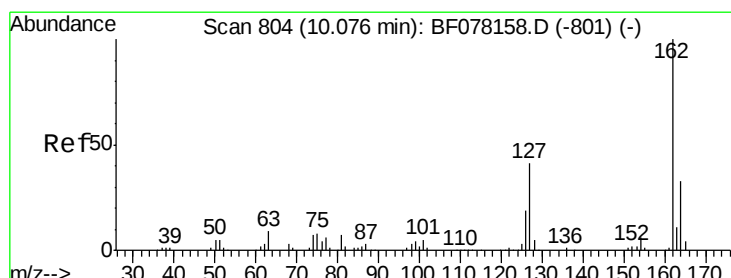
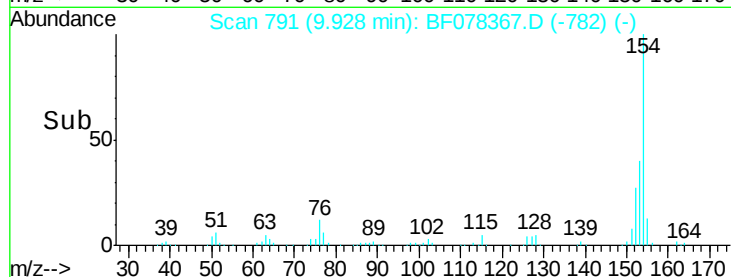
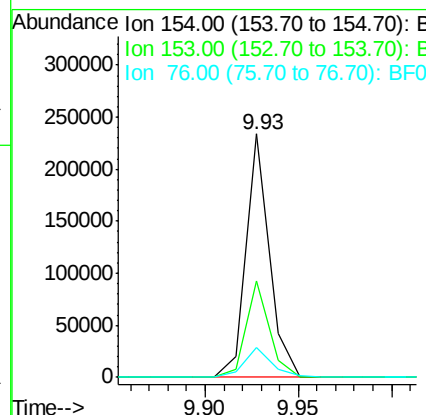
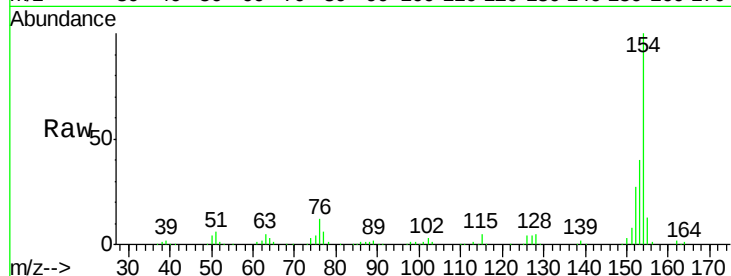
#45
1,1'-Biphenyl
Concen: 23.93 ng
RT: 9.93 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	20.0	60.0	
76	12.4	0.0	30.6	

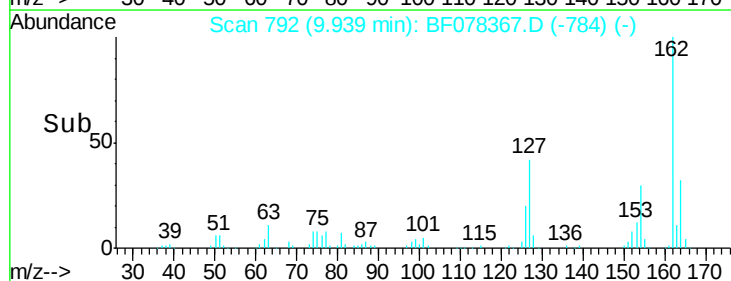
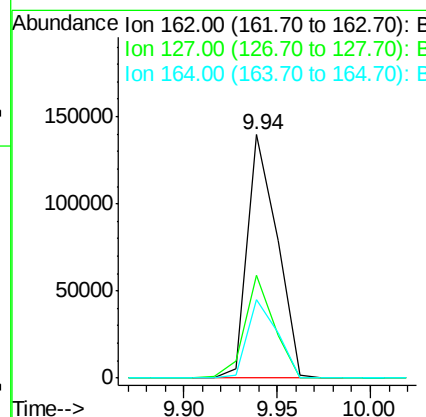
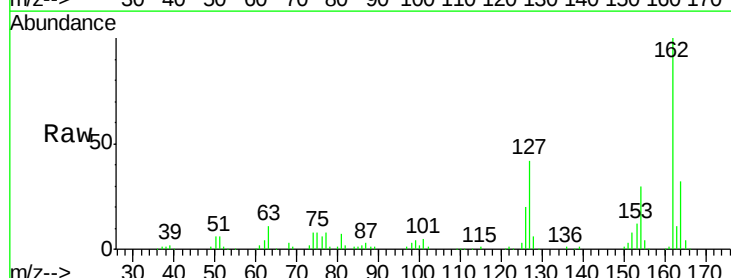
Manual Integrations
APPROVED

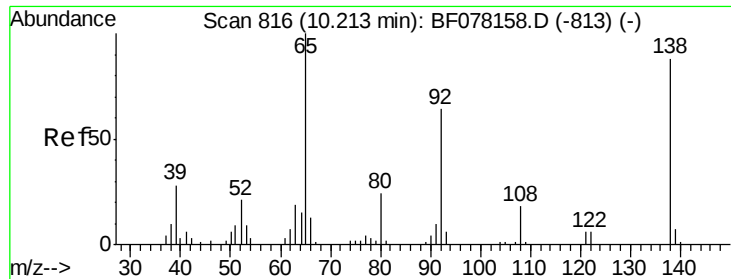
apatel
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#46
2-Chloronaphthalene
Concen: 23.14 ng
RT: 9.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.5	32.6	49.0	
164	32.3	26.0	39.0	





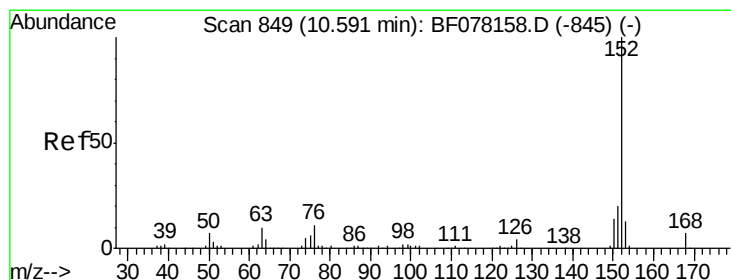
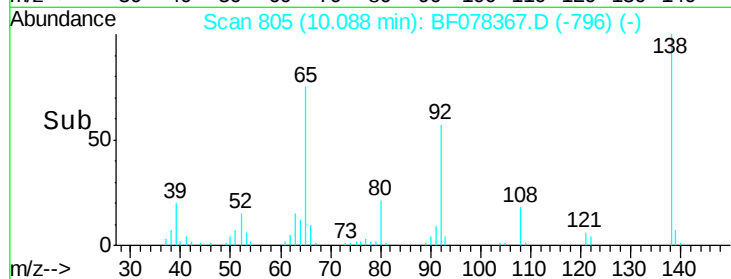
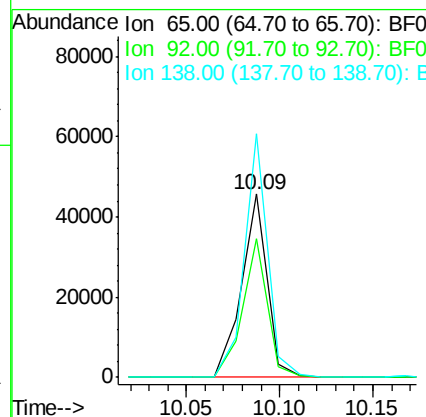
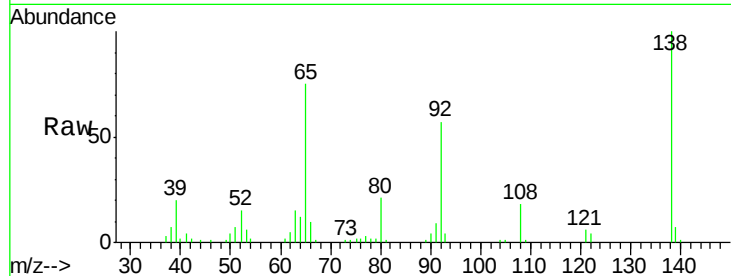
#47
 2-Nitroaniline
 Concen: 26.46 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampled :
 SB11MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.7	51.3	76.9
138	132.8	70.4	105.6

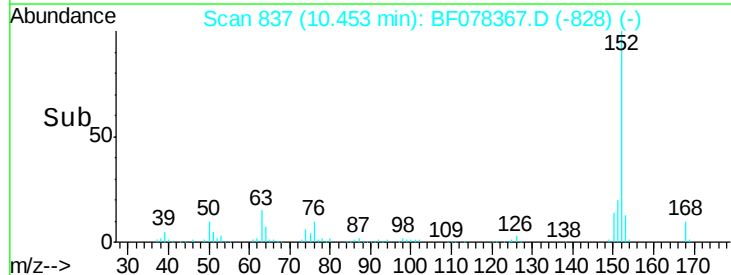
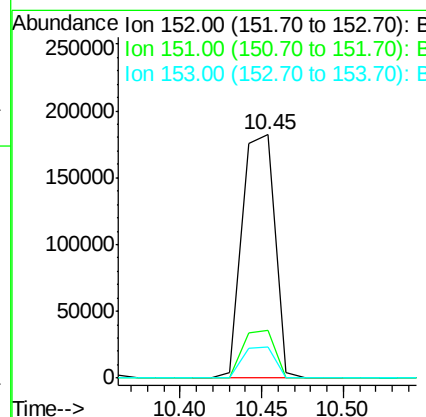
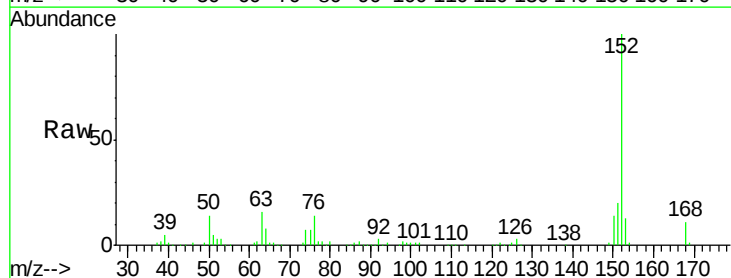
Manual Integrations
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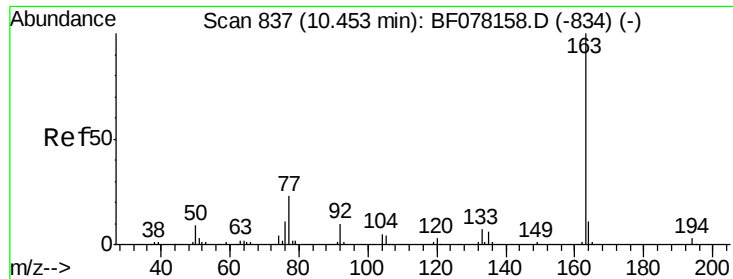
apatel
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#48
 Acenaphthylene
 Concen: 23.23 ng
 RT: 10.45 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.2	15.2





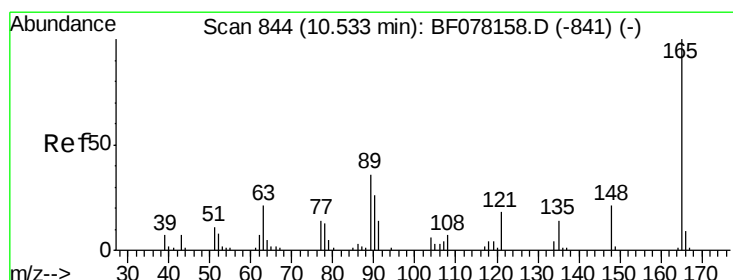
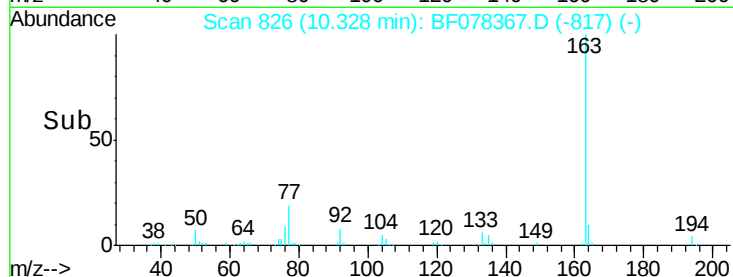
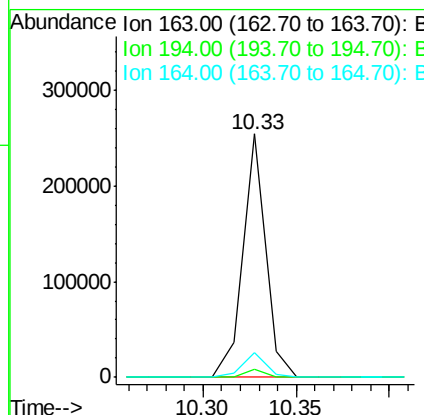
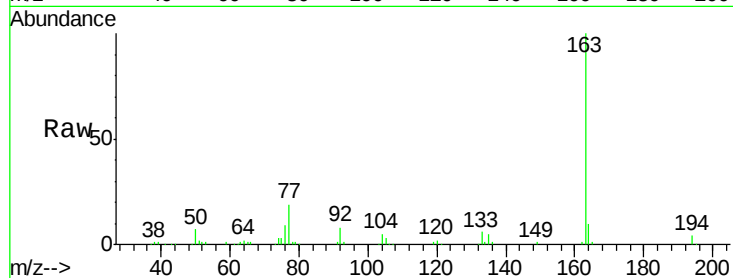
#49
Dimethylphthalate
Concen: 28.04 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	218909		
194	3.5	2.3	3.5#	
164	10.1	8.6	13.0	

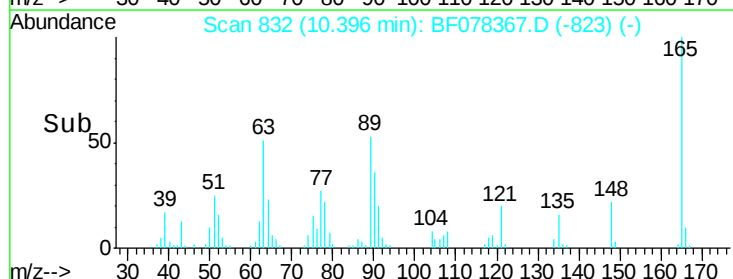
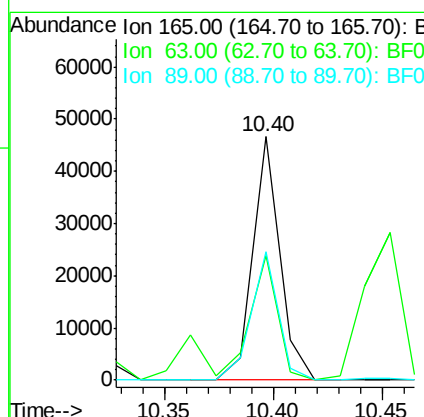
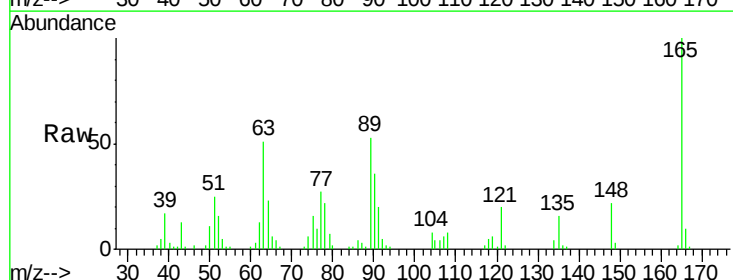
Manual Integrations
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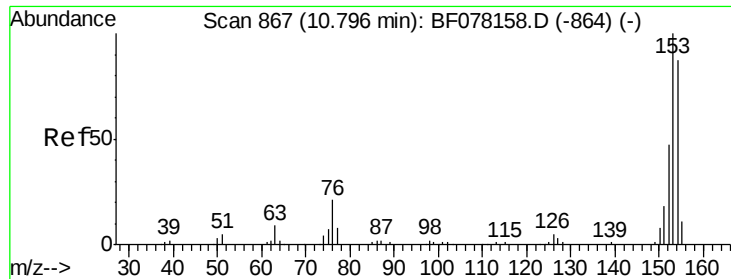
apatel
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#50
2,6-Dinitrotoluene
Concen: 25.04 ng
RT: 10.40 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40224		
63	51.3	24.1	36.1#	
89	52.5	28.9	43.3#	





#51

Acenaphthene

Concen: 23.20 ng

RT: 10.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

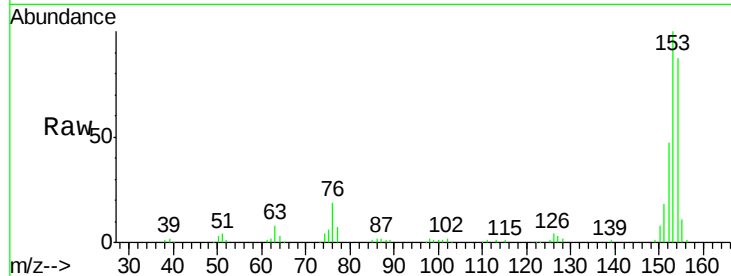
ClientSampleId :

SB11MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.4	137.2
152	53.7	43.0	64.6

Manual Integrations
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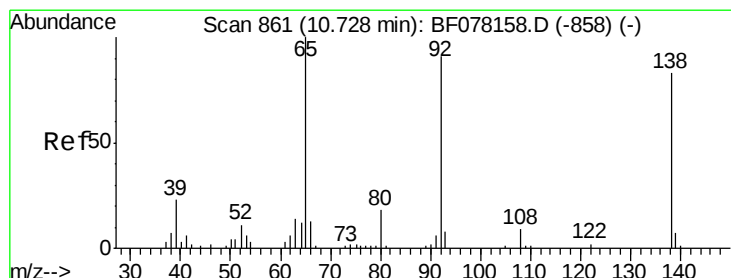
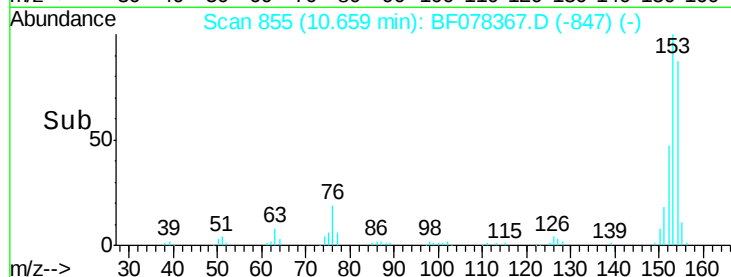
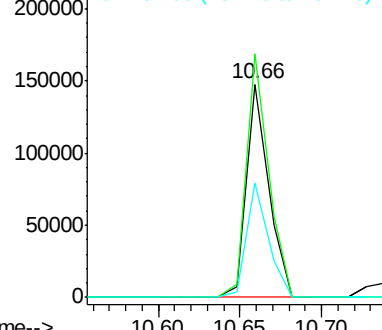
apatel
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.74 ng

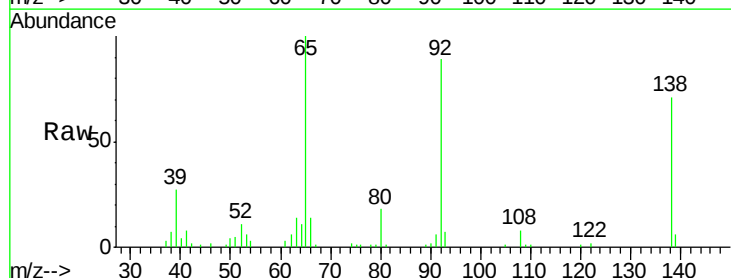
RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

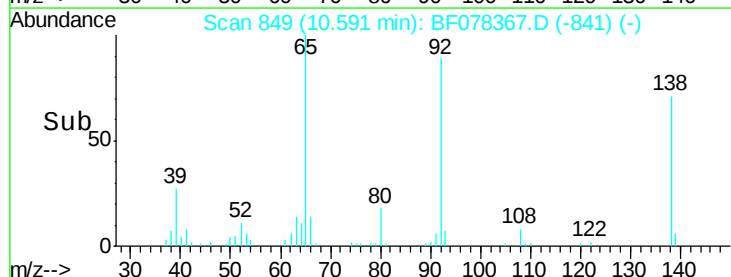
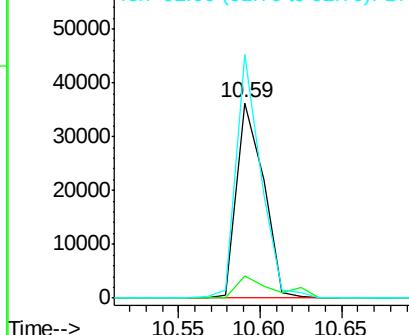
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.2	12.4
92	124.7	88.4	132.6

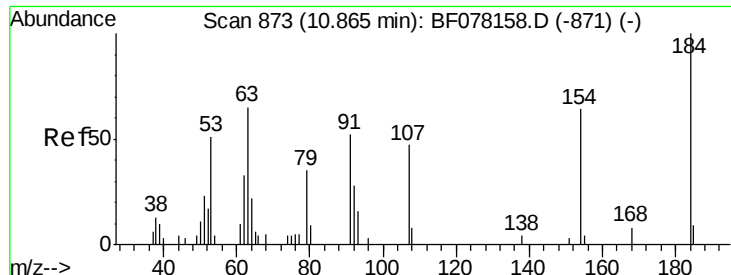


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





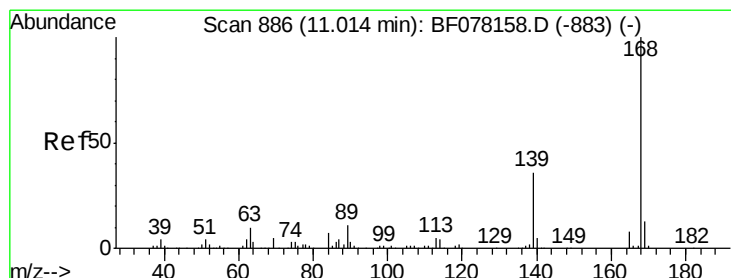
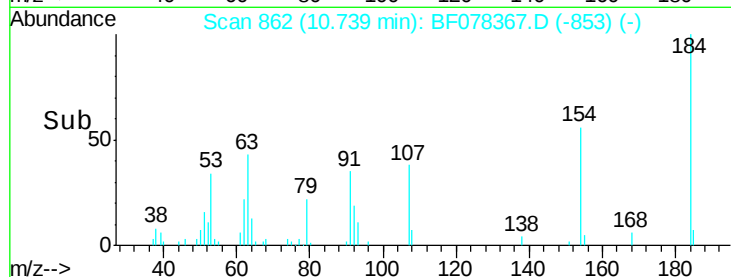
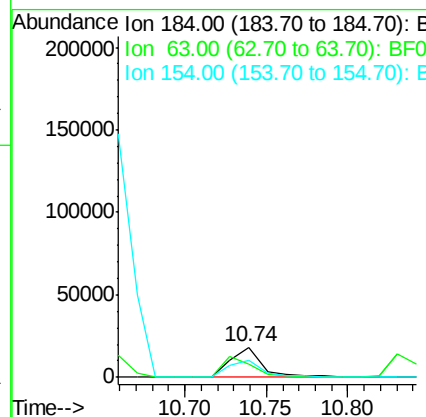
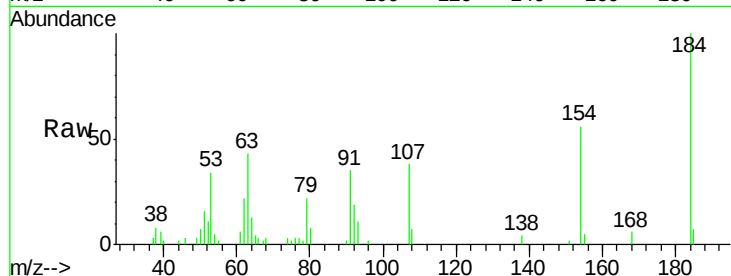
#53
 2,4-Dinitrophenol
 Concen: 49.58 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	24627		
63	43.1	51.9	77.9#	
154	56.0	51.0	76.4	

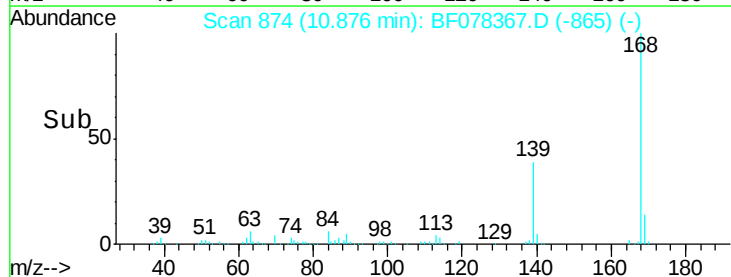
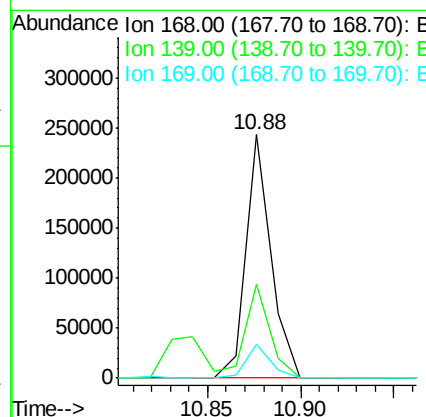
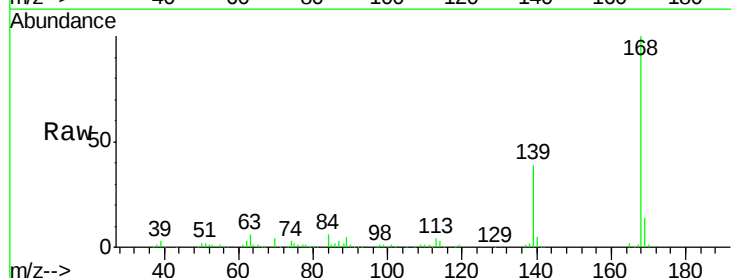
Manual Integrations
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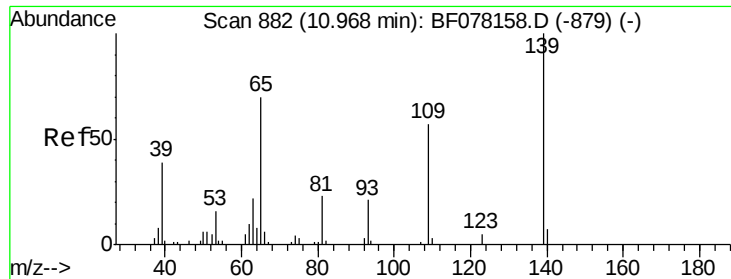
apatel
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#54
 Dibenzofuran
 Concen: 24.43 ng
 RT: 10.88 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	226839		
139	38.6	31.0	46.4	
169	13.6	10.7	16.1	





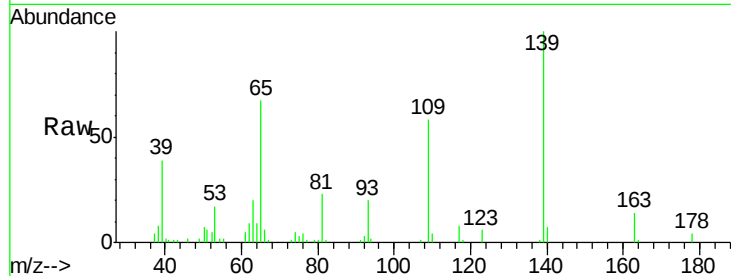
#55
4-Nitrophenol
Concen: 45.74 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleID :
SB11MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.7	36.7	76.7
65	67.0	49.9	89.9

Manual Integrations
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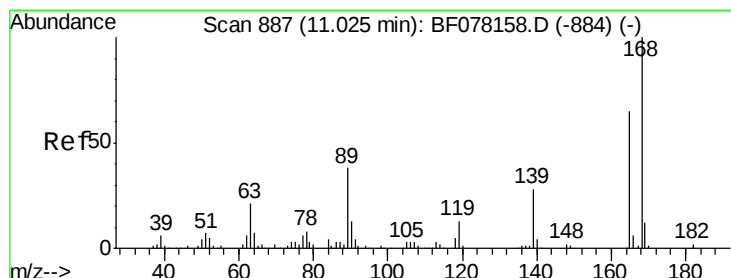
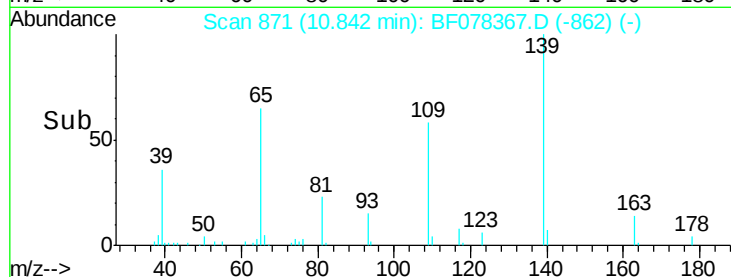
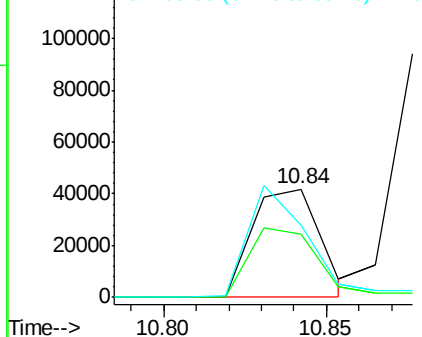


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 25.86 ng
RT: 10.89 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	26.5	39.7#
89	70.9	46.4	69.6#
182	2.1	2.0	3.0

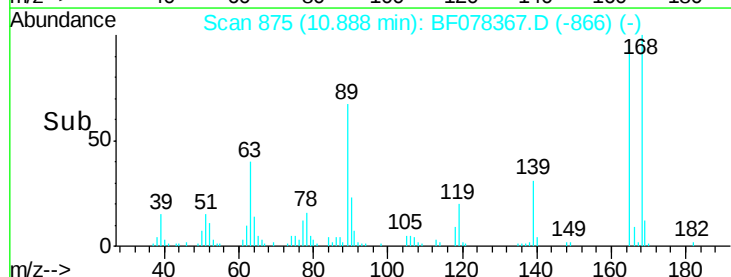
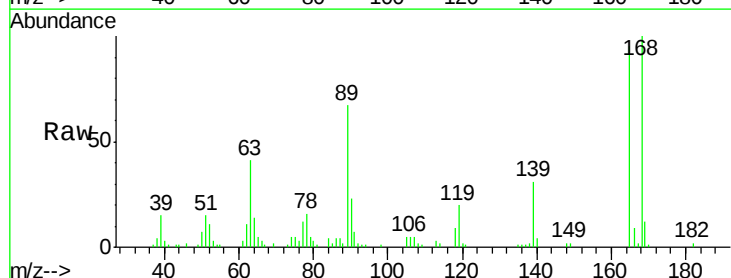
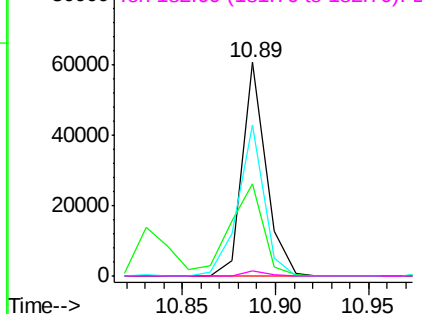
Abundance

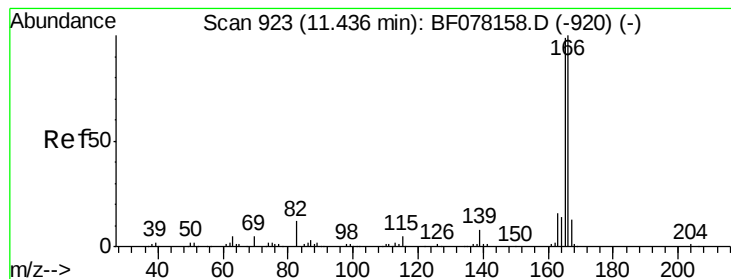
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 24.61 ng

RT: 11.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

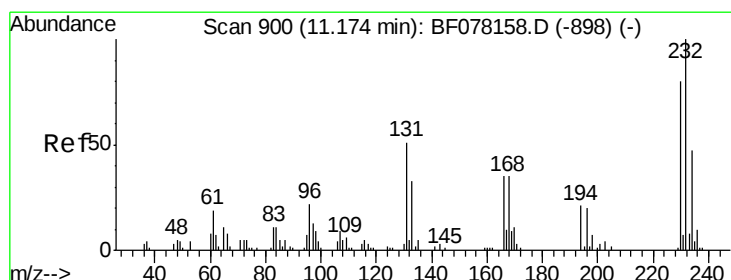
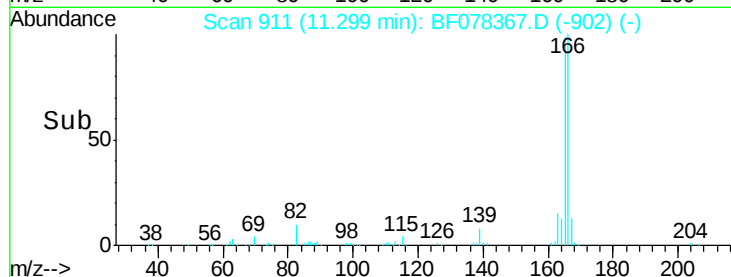
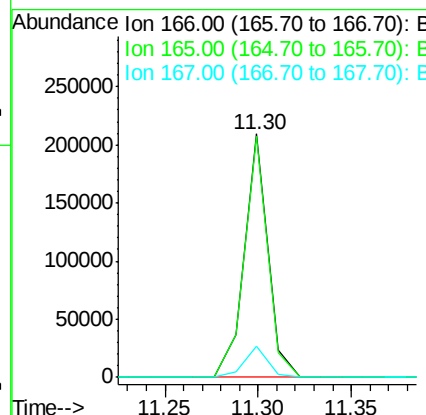
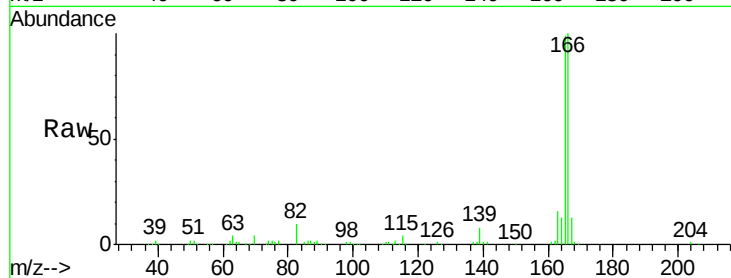
ClientSampleId :

SB11MS

Tot Ion:	166	Resp:	185255
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.9	118.3
167	12.9	10.7	16.1

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 25.77 ng

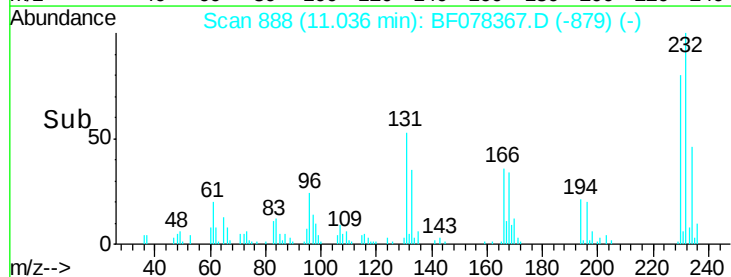
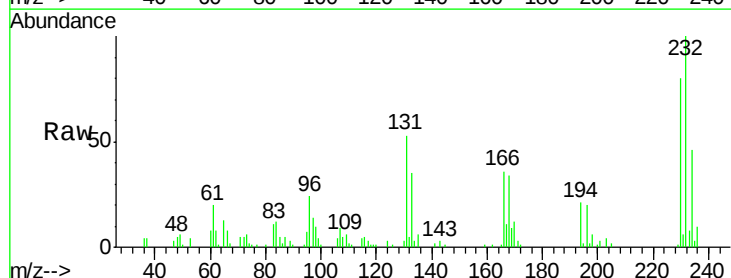
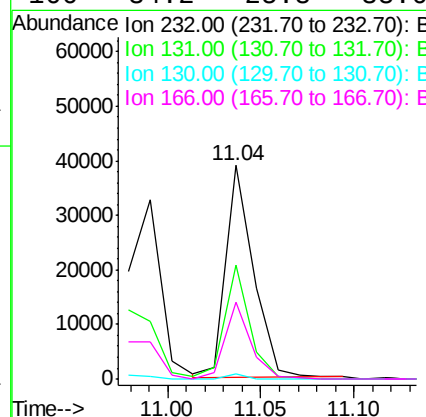
RT: 11.04 min Scan# 888

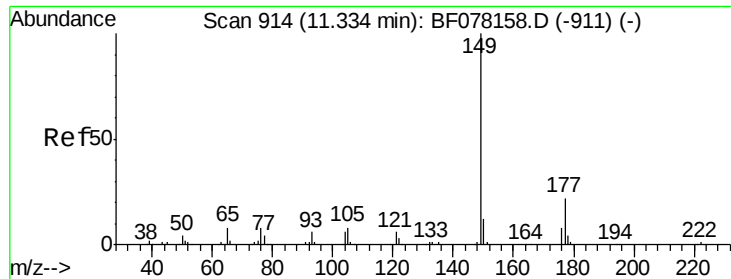
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	232	Resp:	40533
Ion Ratio	Lower	Upper	
232	100		
131	49.0	37.8	56.8
130	1.7	1.5	2.3
166	34.2	25.8	38.6





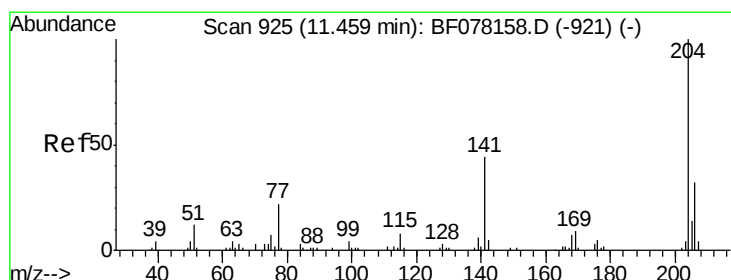
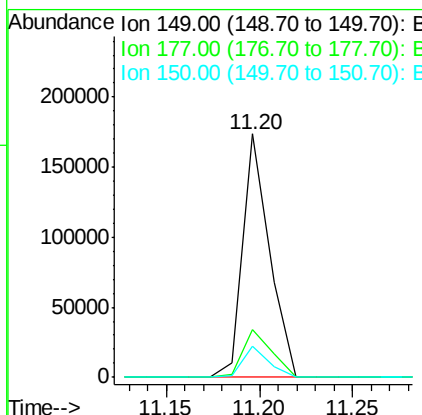
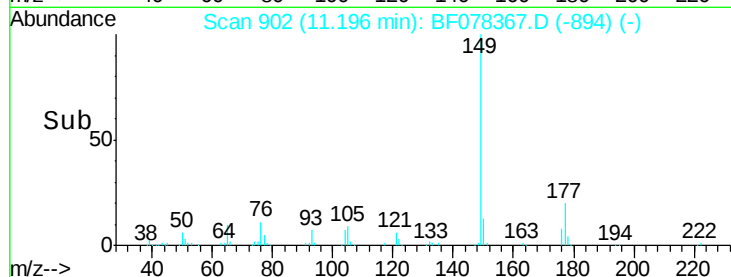
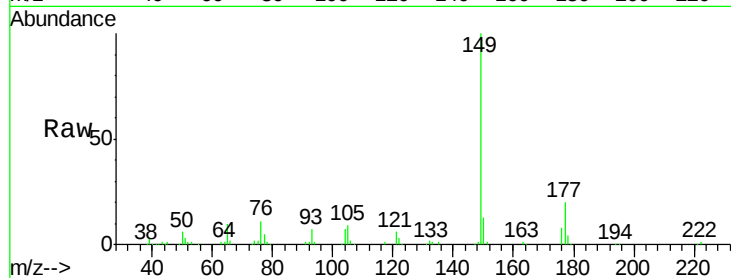
#59
Diethylphthalate
Concen: 22.96 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.6	17.4	26.2
150	12.6	9.4	14.2

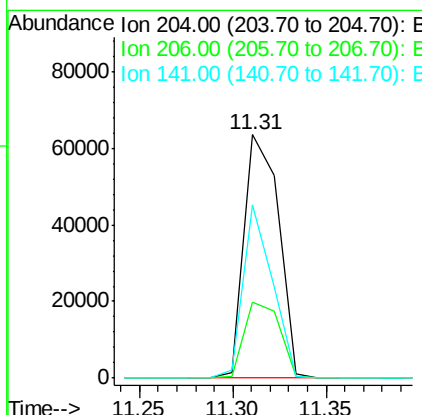
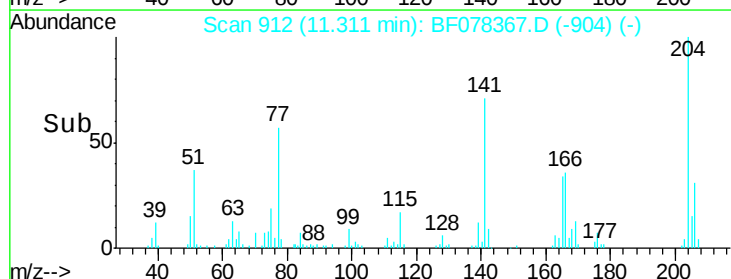
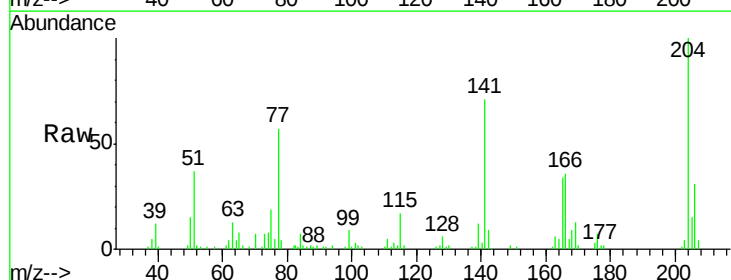
Manual Integrations
APPROVED

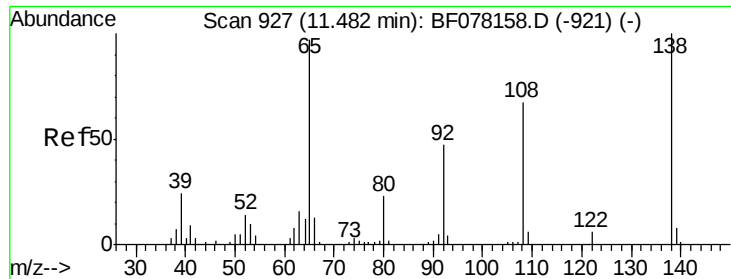
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 23.57 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	25.6	38.4
141	71.1	35.4	53.0





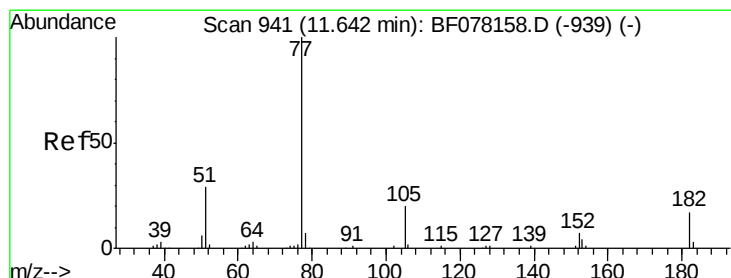
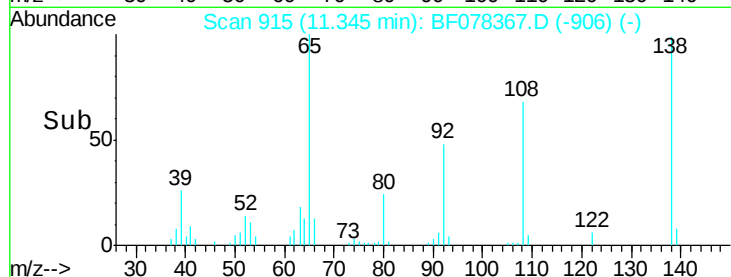
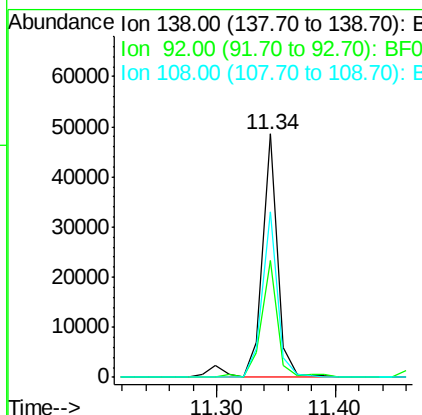
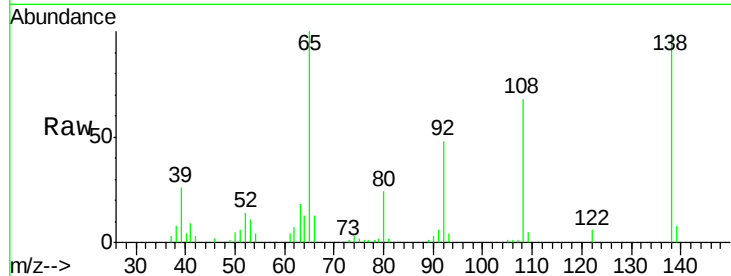
#61
4-Nitroaniline
Concen: 24.60 ng
RT: 11.34 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.3	67.3
108	68.0	47.2	87.2

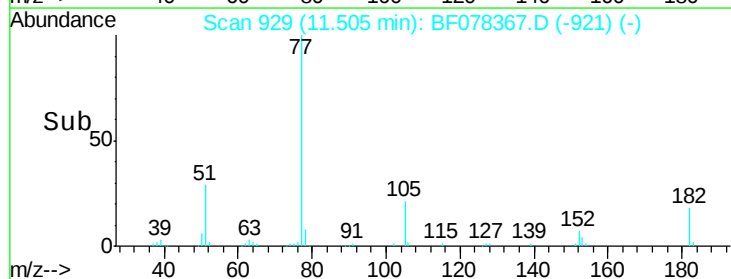
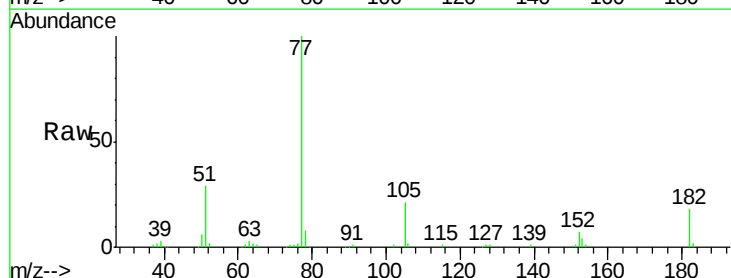
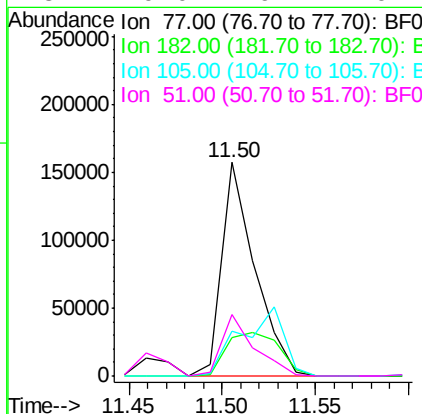
Manual Integrations
APPROVED

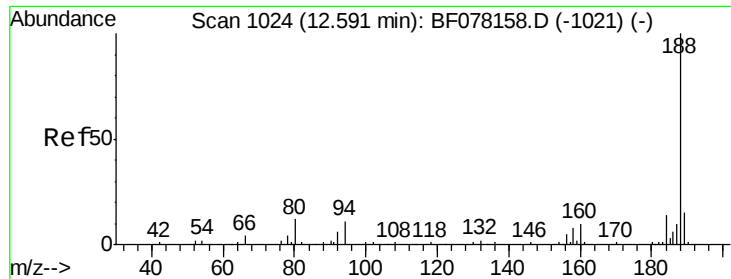
apatel
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#62
Azobenzene
Concen: 28.44 ng
RT: 11.50 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	0.0	36.8
105	21.2	0.3	40.3
51	29.0	9.1	49.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.44 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

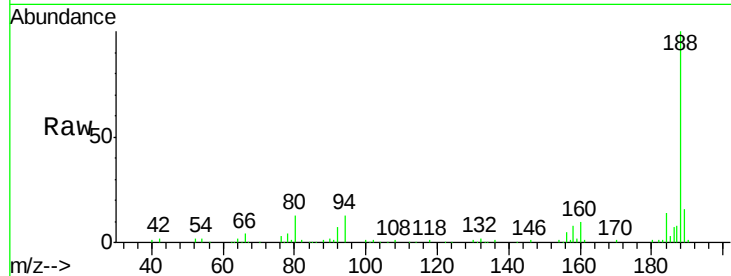
ClientSampleId :

SB11MS

Tot Ion:	188	Resp:	199057
Ion Ratio		Lower	Upper
188	100		
94	12.9	9.0	13.4
80	13.3	9.5	14.3

Manual Integrations
APPROVED

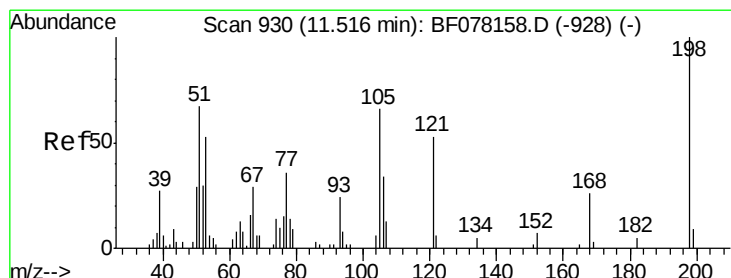
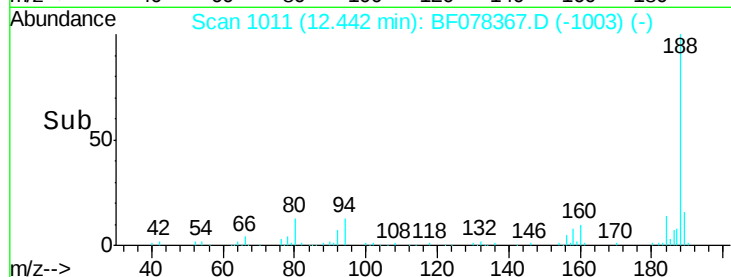
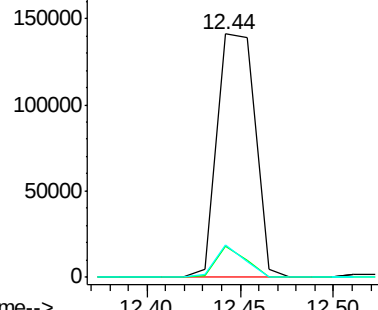
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.57 ng

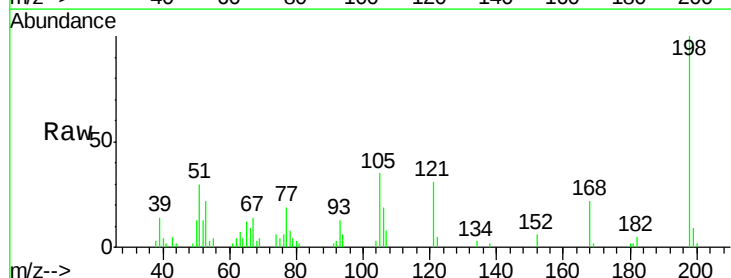
RT: 11.39 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

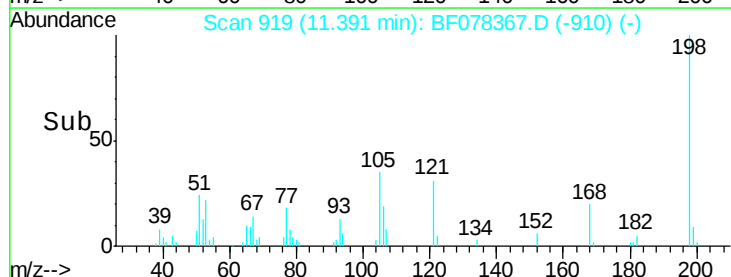
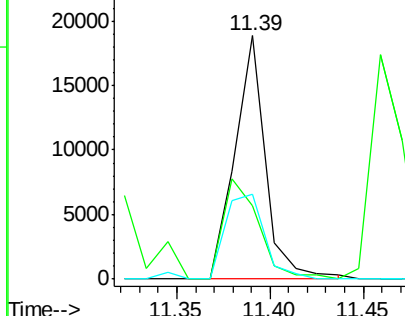
Tgt Ion:	198	Resp:	21657
Ion Ratio		Lower	Upper
198	100		
51	30.0	48.6	88.6#
105	34.6	45.8	85.8#

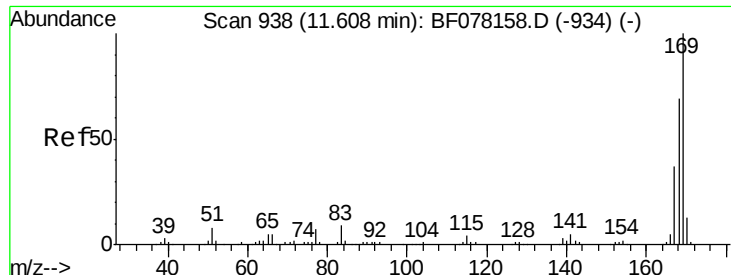


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





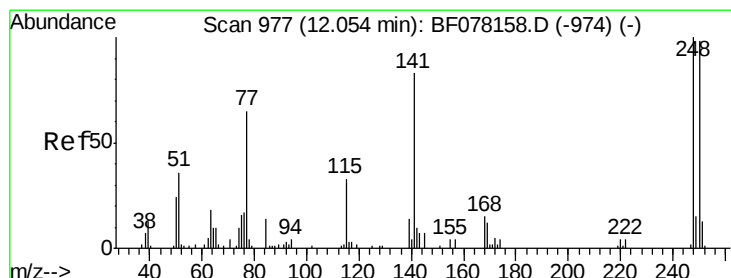
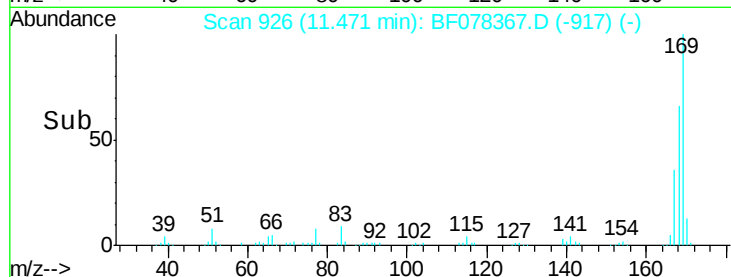
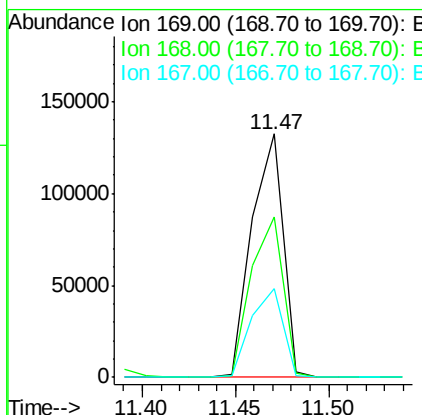
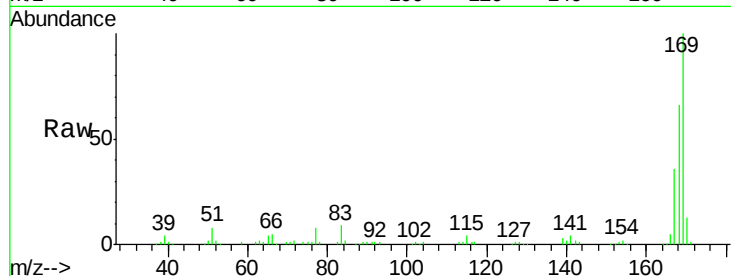
#65
 n-Nitrosodiphenylamine
 Concen: 22.35 ng
 RT: 11.47 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	153906		
168	65.9		55.0	82.4
167	36.4		29.3	43.9

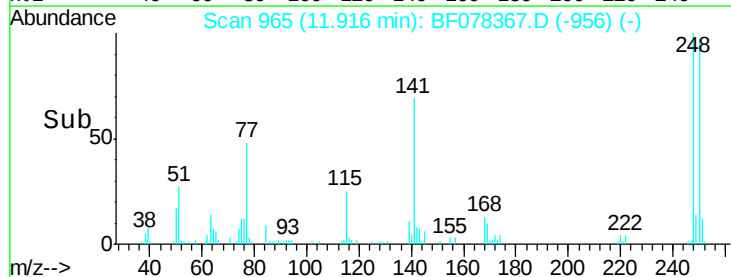
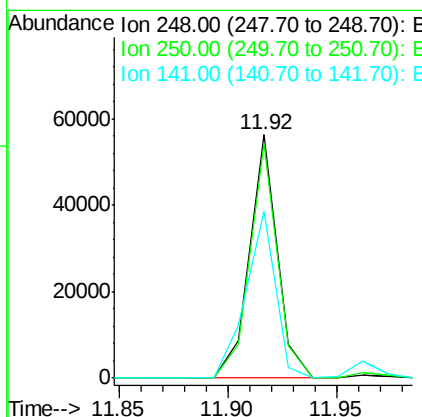
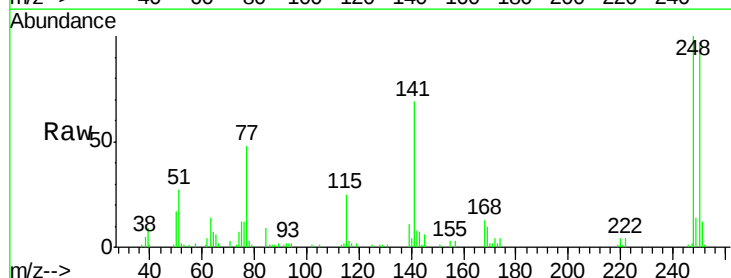
Manual Integrations
 APPROVED

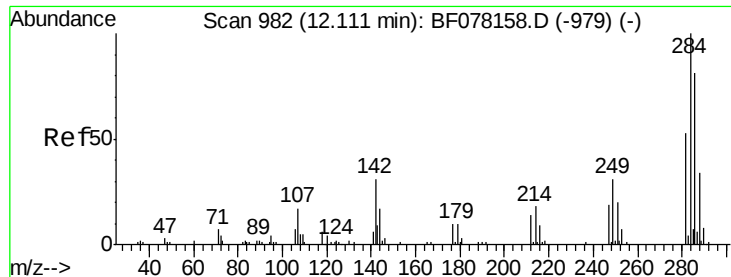
apatel
 4/10/2015 5:12:59 PM



#66
 4-Bromophenyl-phenylether
 Concen: 23.67 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	49890		
250	96.6		78.2	117.2
141	68.7		66.4	99.6





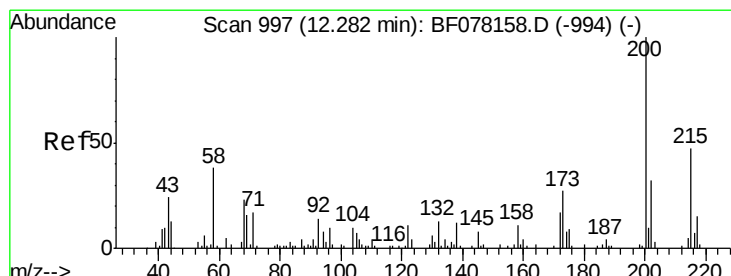
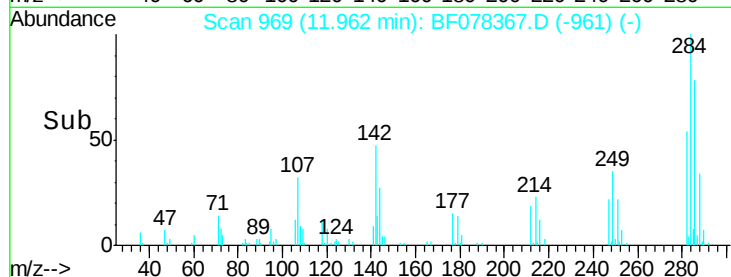
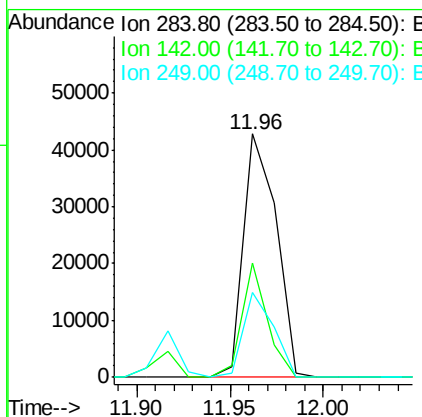
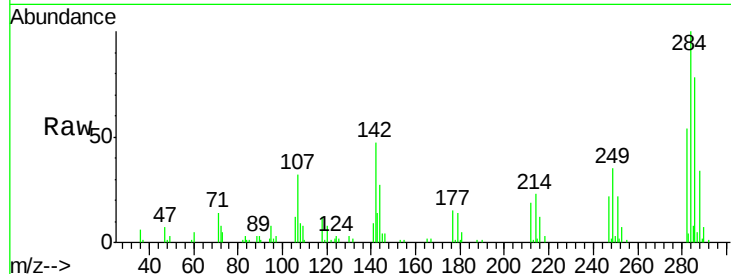
#67
Hexachlorobenzene
Concen: 22.59 ng
RT: 11.96 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	52192		
142	46.9		24.5	36.7#
249	35.0		24.8	37.2

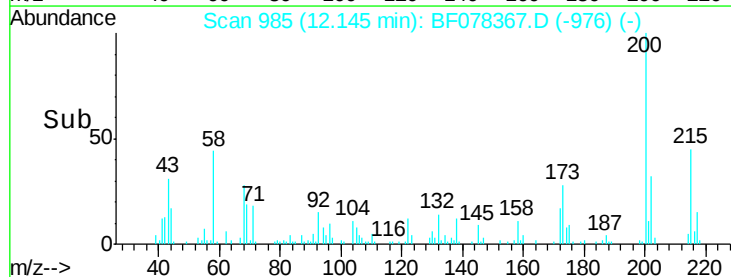
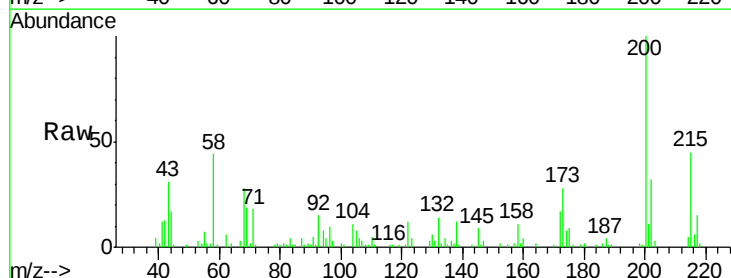
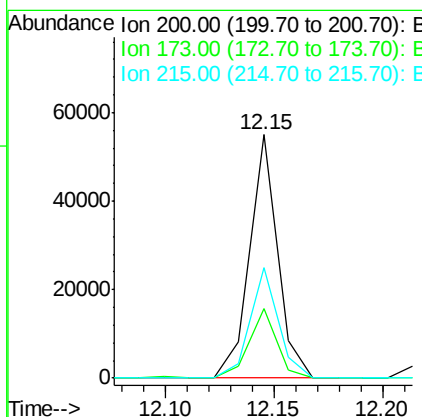
Manual Integrations
APPROVED

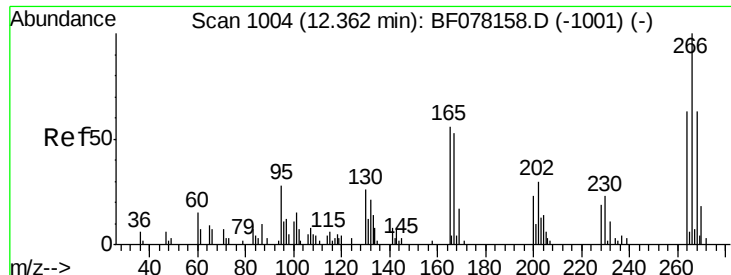
apatel
4/10/2015 5:12:59 PM



#68
Atrazine
Concen: 24.63 ng
RT: 12.15 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	49124		
173	28.3		6.9	46.9
215	45.2		27.1	67.1





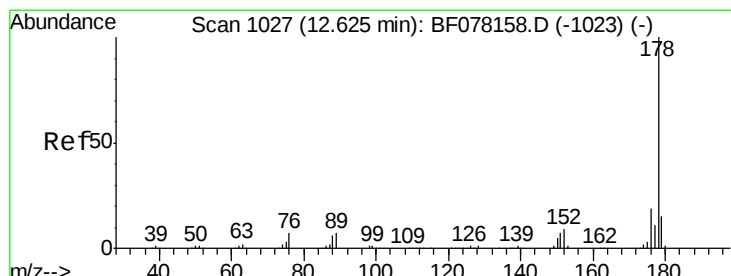
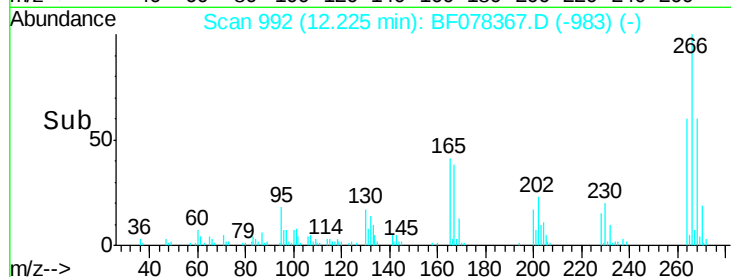
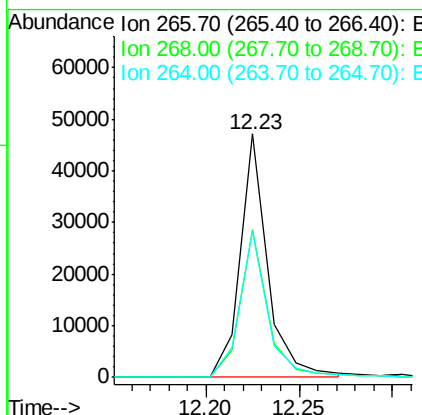
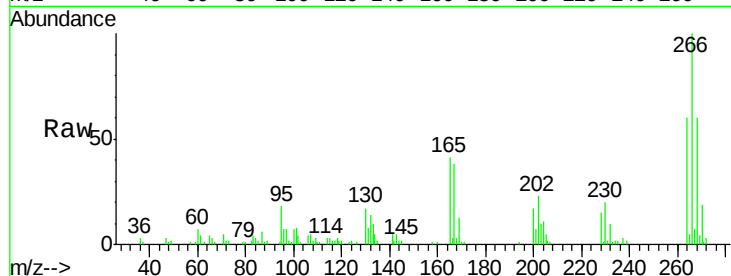
#69
 Pentachlorophenol
 Concen: 50.37 ng
 RT: 12.23 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	50.1	75.1
264	60.1	50.0	75.0

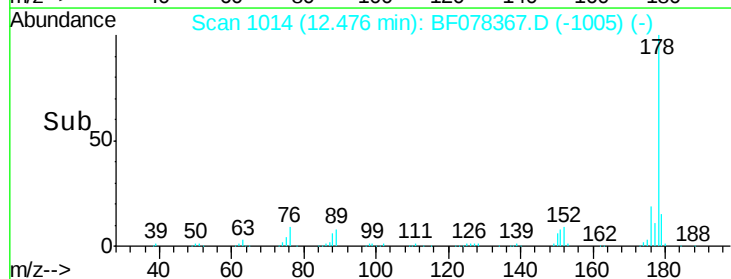
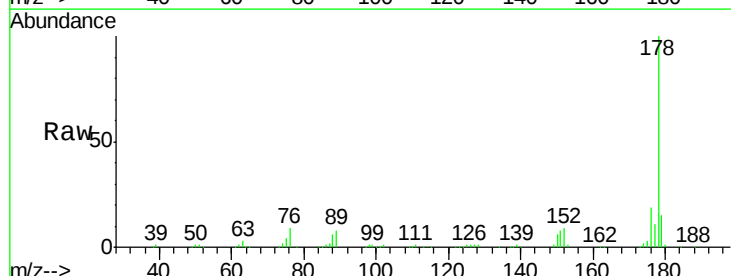
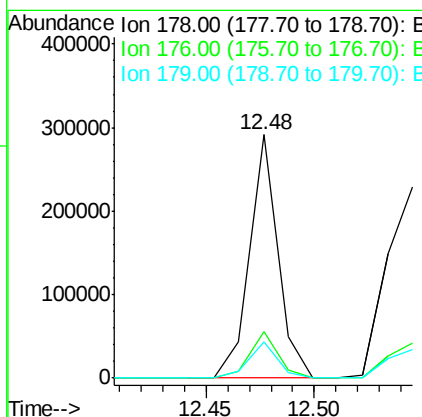
Manual Integrations
 APPROVED

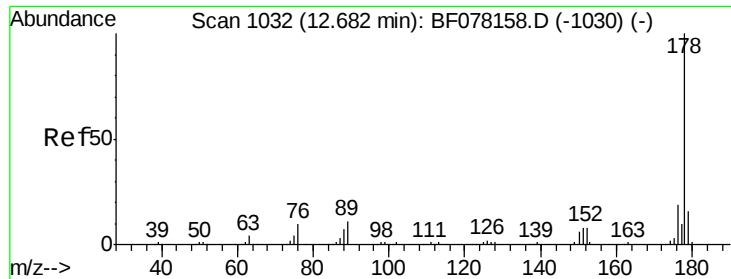
apatel
 4/10/2015 5:12:59 PM



#70
 Phenanthrene
 Concen: 22.99 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.1	12.2	18.2





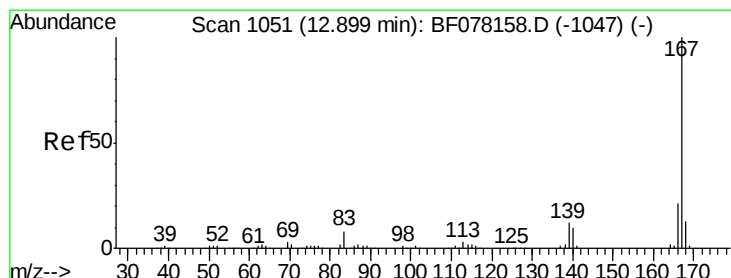
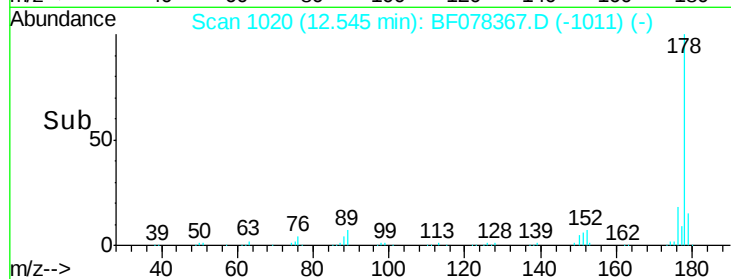
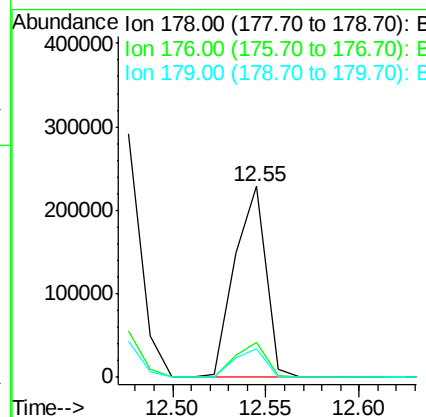
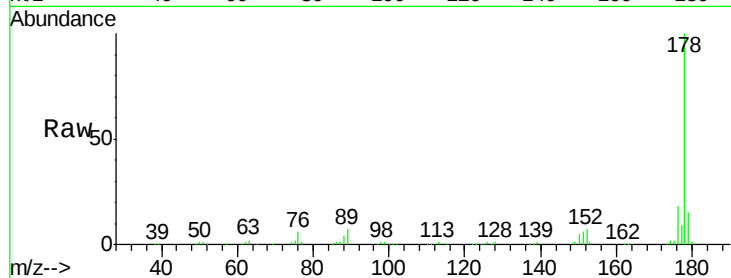
#71
 Anthracene
 Concen: 23.67 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.8	12.4	18.6

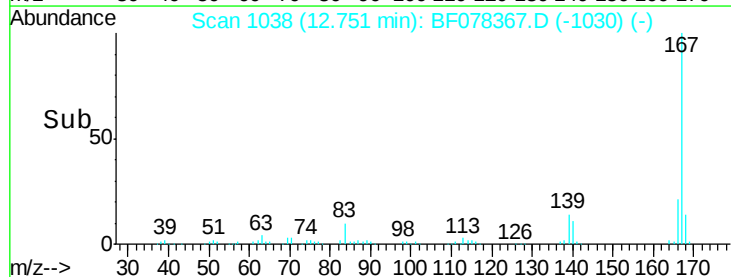
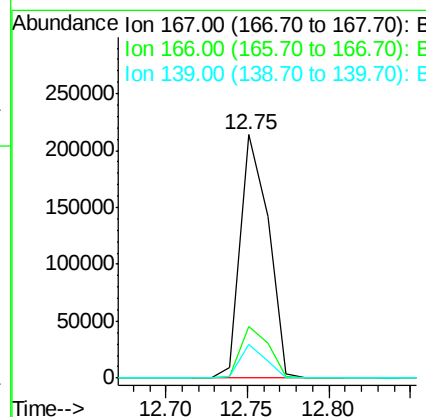
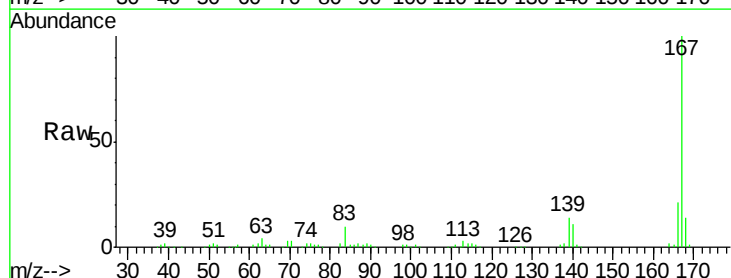
Manual Integrations
 APPROVED

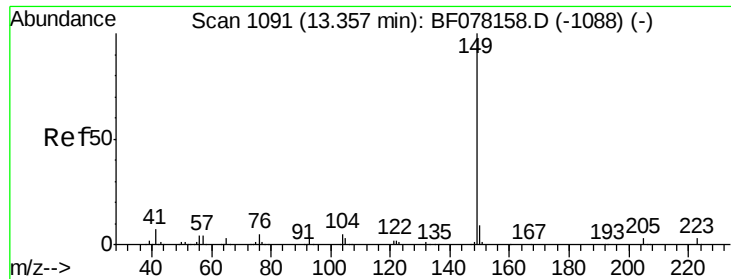
apatel
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#72
 Carbazole
 Concen: 23.86 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.8	25.2
139	13.6	10.0	15.0





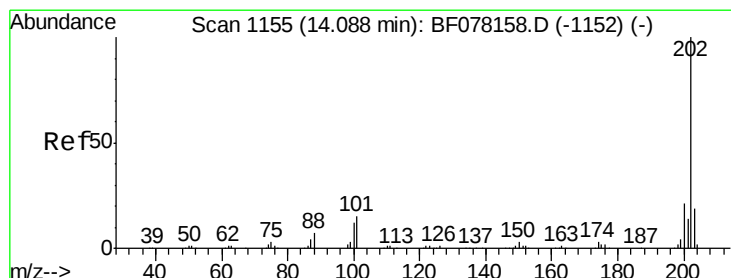
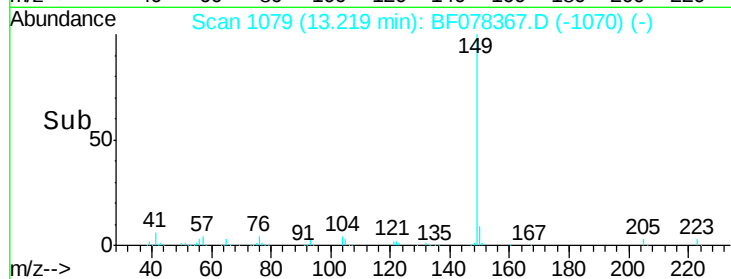
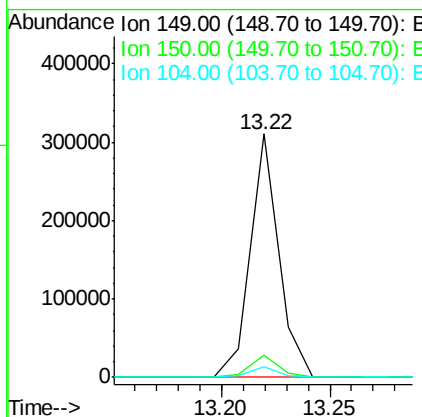
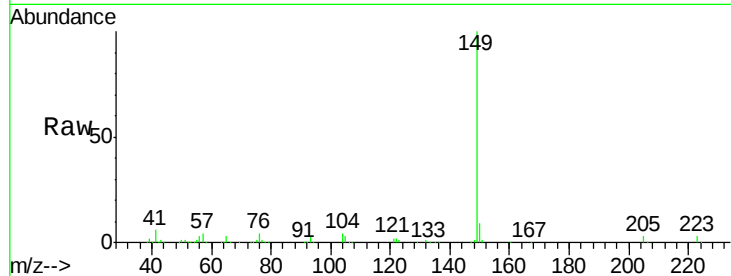
#73
Di-n-butylphthalate
Concen: 23.51 ng
RT: 13.22 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	283201		
150	9.0		7.1	10.7
104	4.4		3.8	5.6

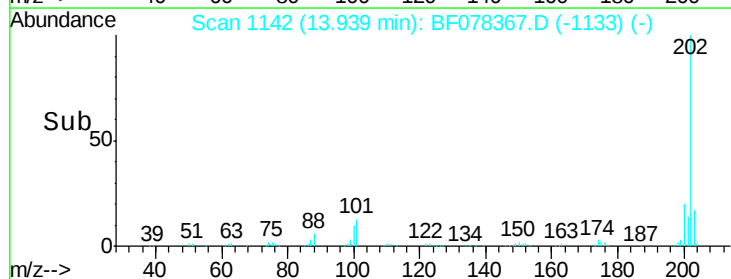
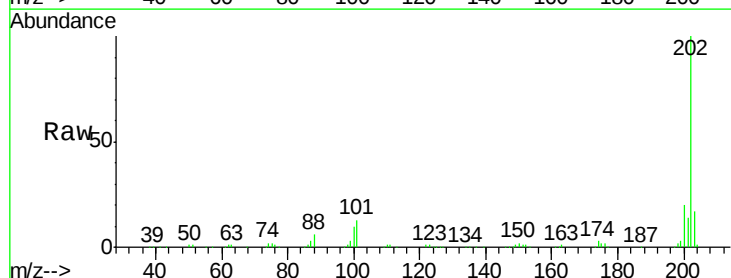
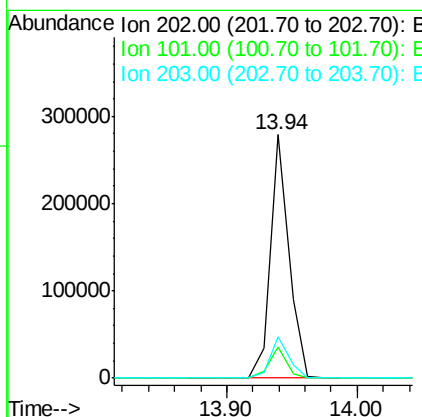
Manual Integrations
APPROVED

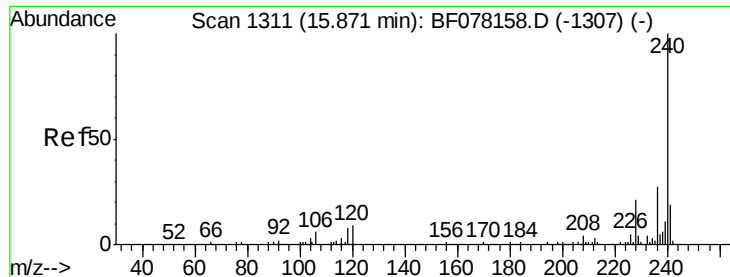
apatel
4/10/2015 5:12:59 PM



#74
Fluoranthene
Concen: 23.00 ng
RT: 13.94 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	279298		
101	13.0		0.0	35.2
203	17.1		0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

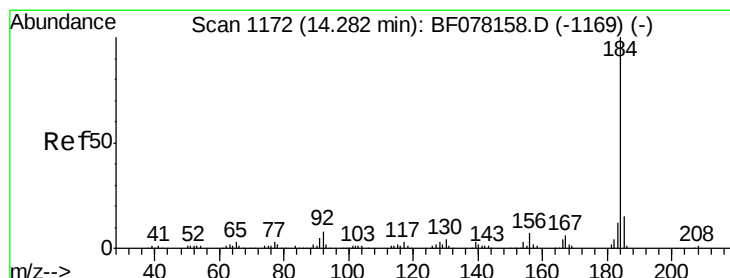
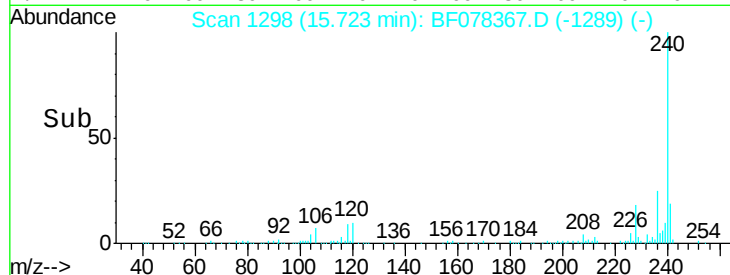
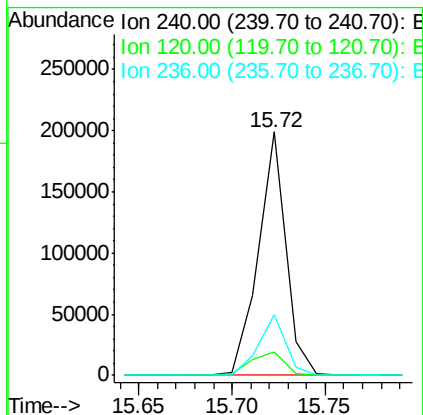
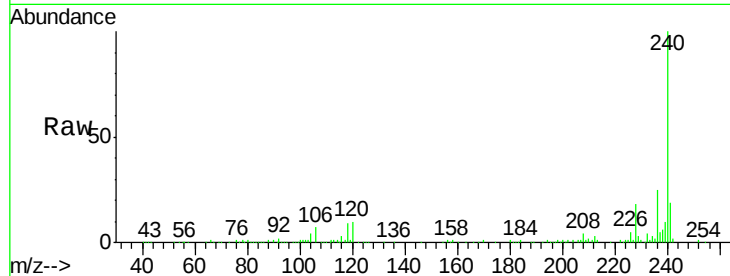
ClientSampled :

SB11MS

Tot Ion:	240	Resp:	203984
Ion Ratio	Lower	Upper	
240	100		
120	9.5	7.1	10.7
236	24.9	21.4	32.2

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#76

Benzidine

Concen: 25.26 ng

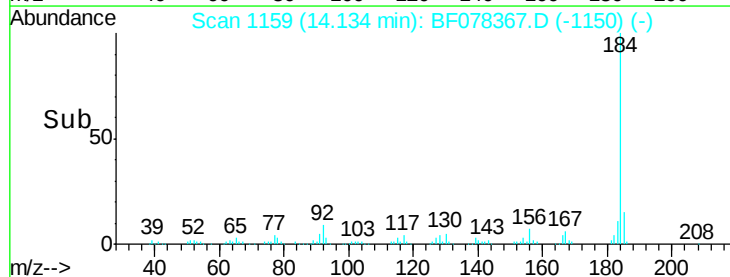
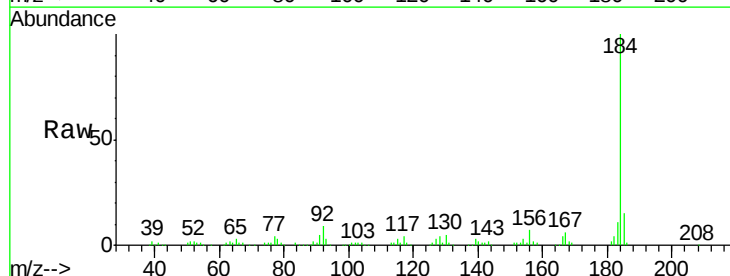
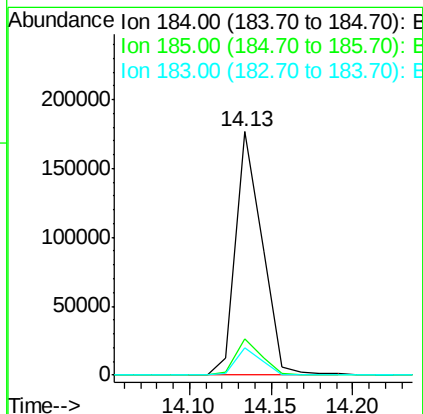
RT: 14.13 min Scan# 1159

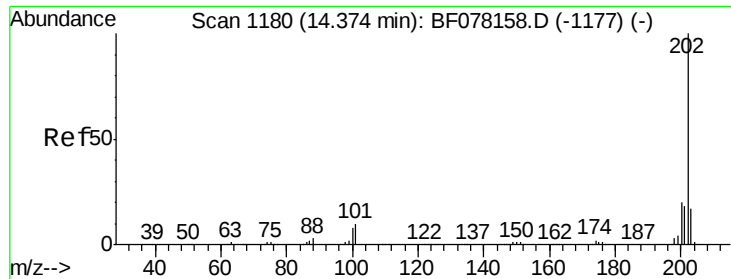
Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	184	Resp:	198375
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.4	9.5	14.3





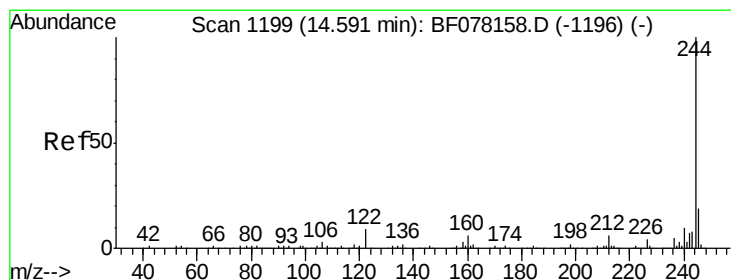
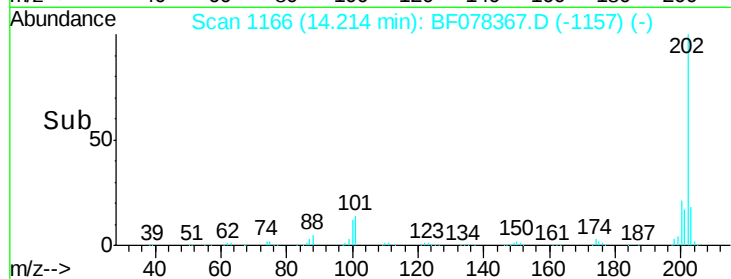
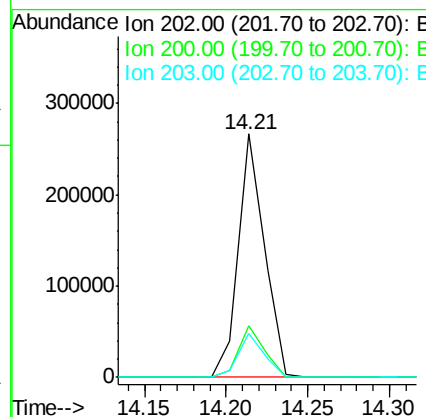
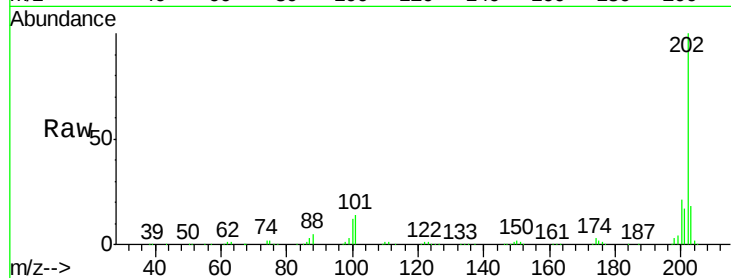
#77
Pvrene
Concen: 22.87 ng
RT: 14.21 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	16.3	24.5
203	18.2	13.8	20.6

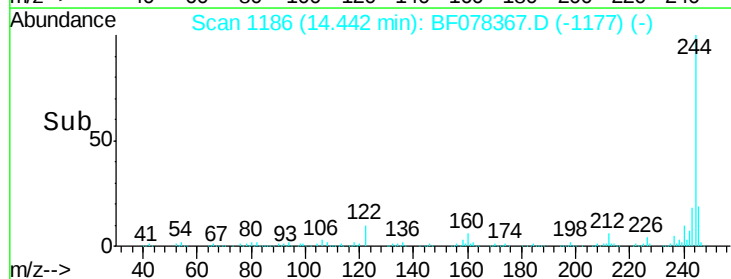
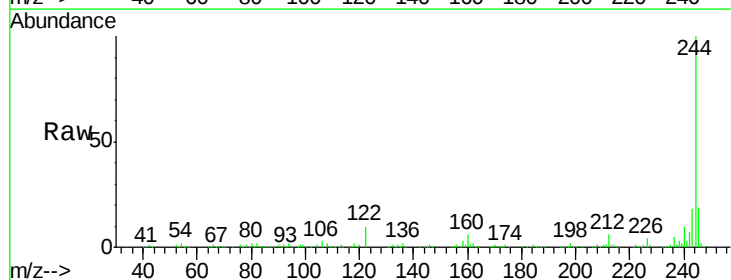
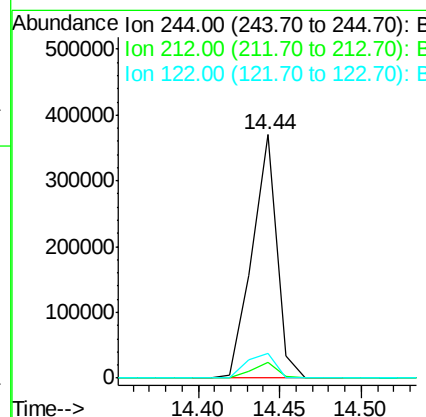
Manual Integrations
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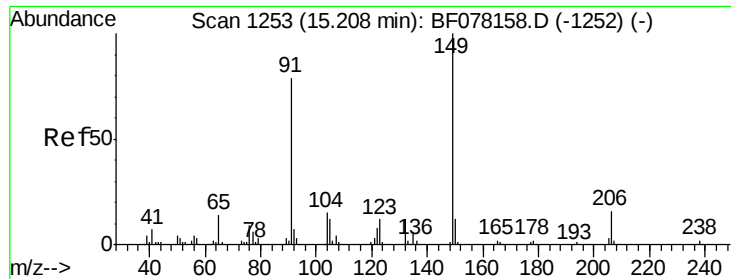
apatel
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#78
Terphenyl-d14
Concen: 43.03 ng
RT: 14.44 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	5.0	7.4
122	9.9	7.1	10.7





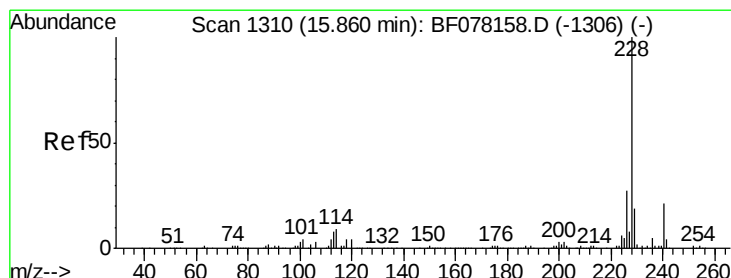
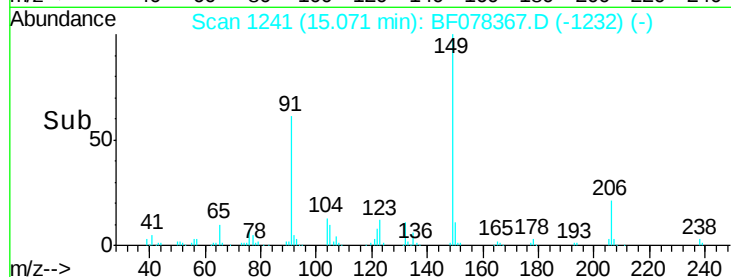
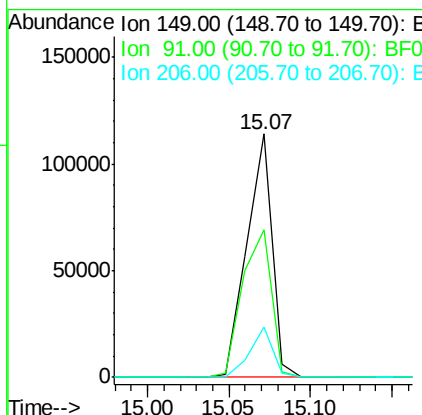
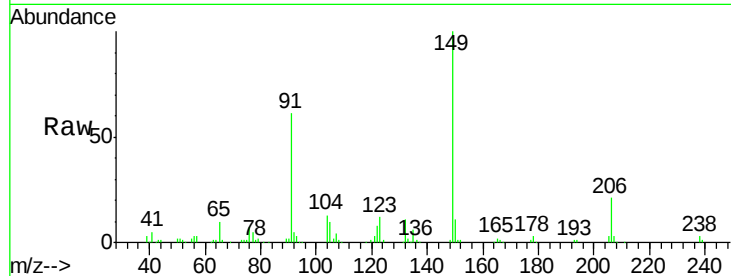
#79
Butylbenzylphthalate
Concen: 25.12 ng
RT: 15.07 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	122578		
91	60.6	64.2	96.2	#
206	20.6	12.6	18.8	#

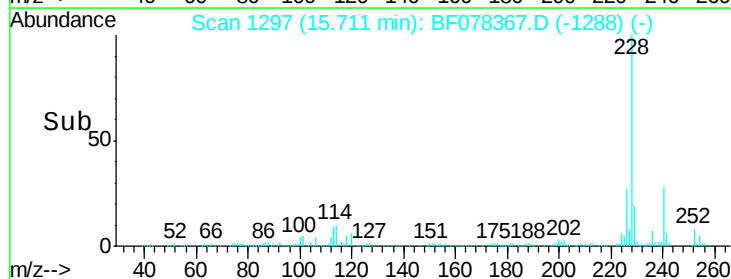
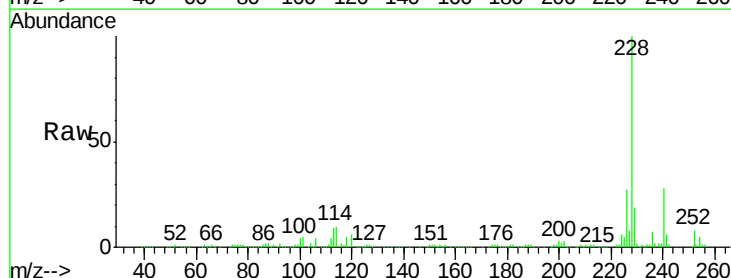
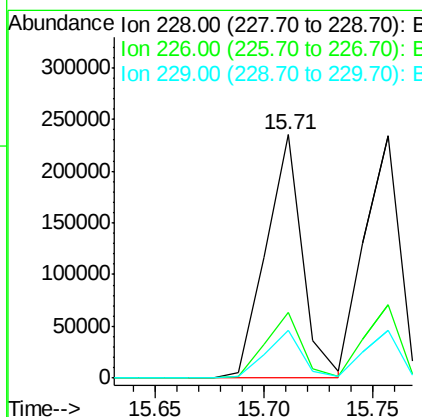
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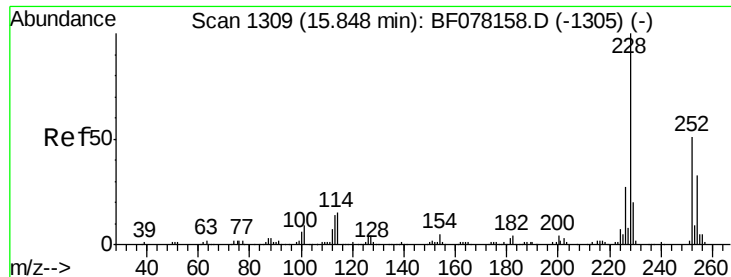
apatel
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#80
Benzo(a)anthracene
Concen: 22.61 ng
RT: 15.71 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	274367		
226	26.8	21.3	31.9	
229	19.5	15.4	23.2	





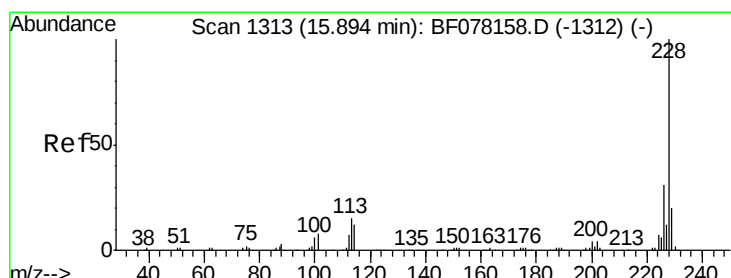
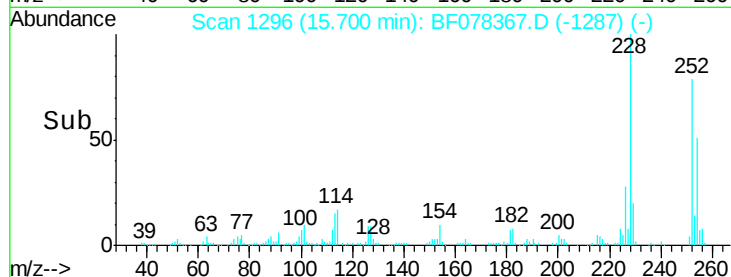
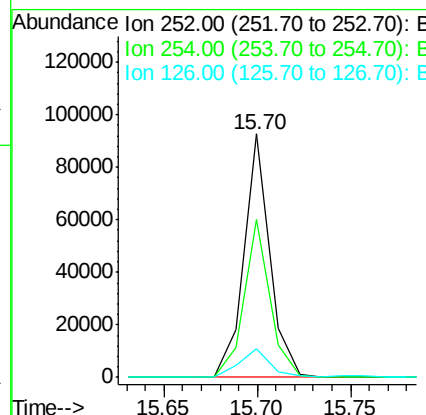
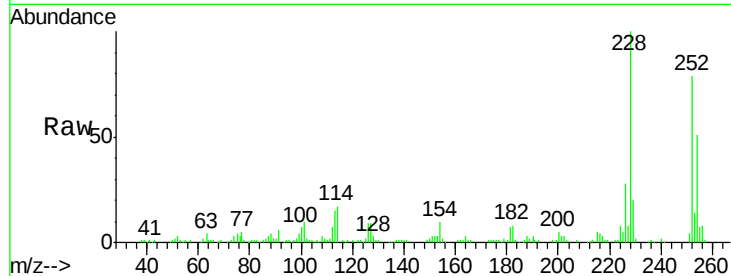
#81
 3,3'-Dichlorobenzidine
 Concen: 22.12 ng
 RT: 15.70 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.7	51.2	76.8	
126	12.0	6.3	9.5	

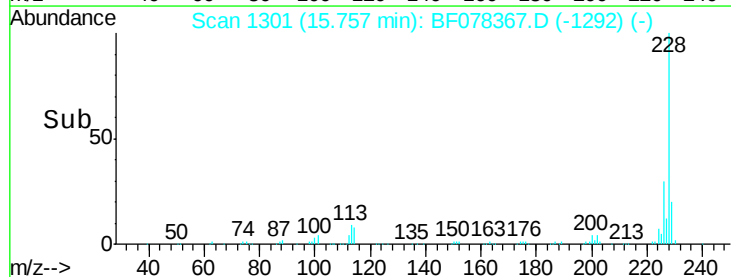
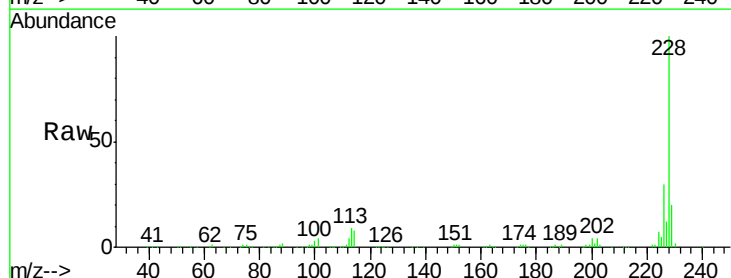
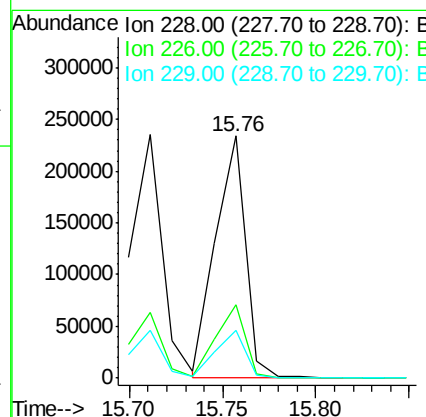
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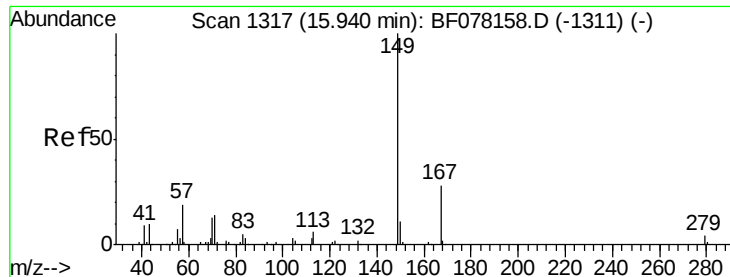
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#82
 Chrysene
 Concen: 22.92 ng
 RT: 15.76 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.4	24.2	36.4	
229	19.6	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.09 ng

RT: 15.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

ClientSampleId :

SB11MS

Tot Ion:149 Resp: 176749

Ion Ratio Lower Upper

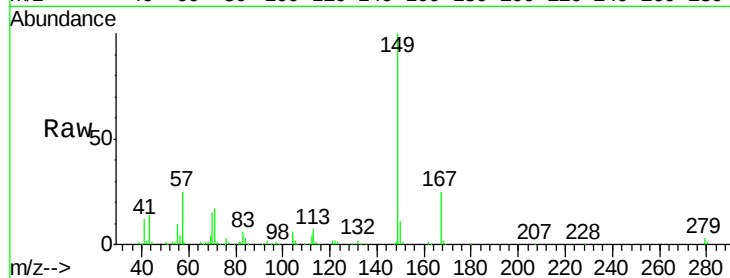
149 100

167 25.3 22.2 33.2

279 3.0 3.2 4.8#

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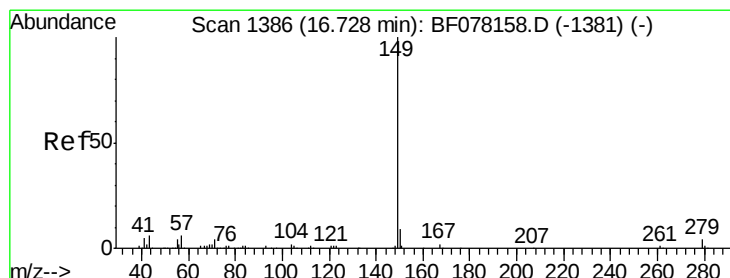
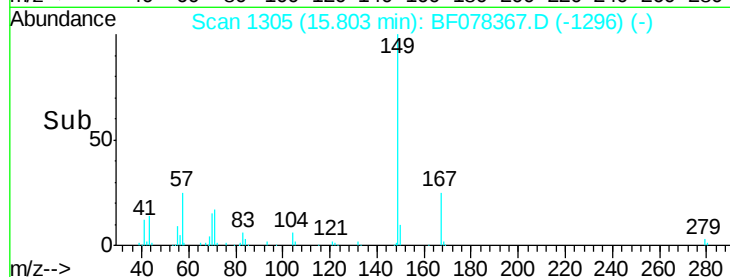
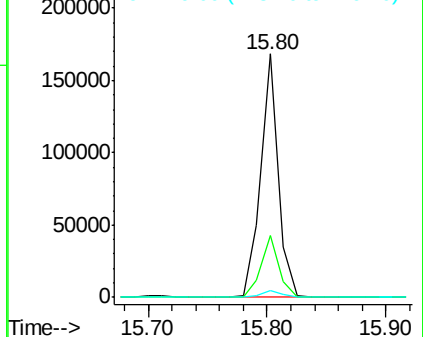
apatel
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 24.09 ng

RT: 16.61 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

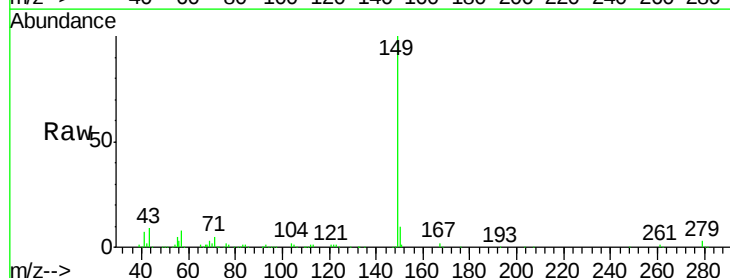
Tgt Ion:149 Resp: 302796

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

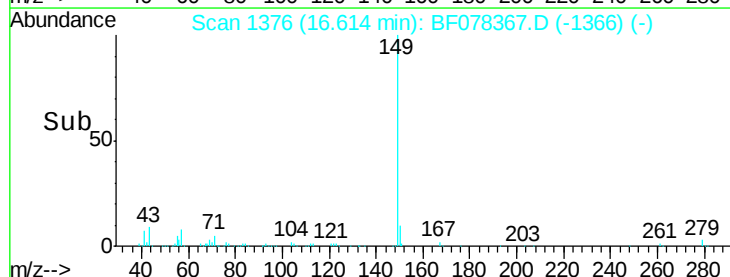
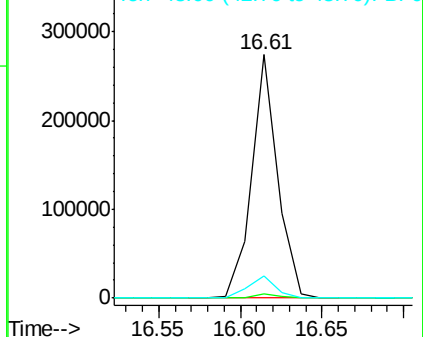
43 9.1 0.0 0.0#

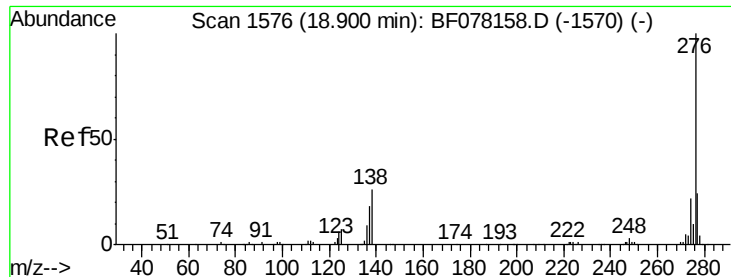


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





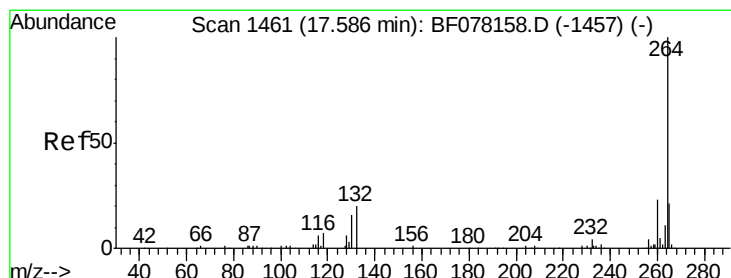
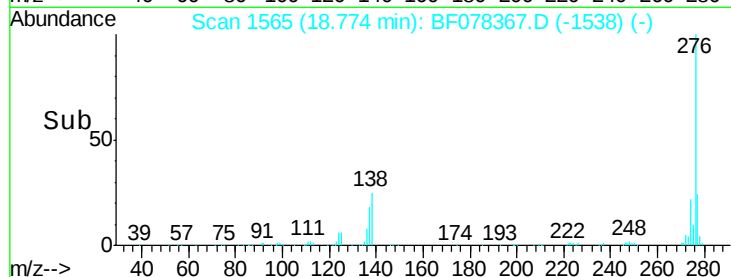
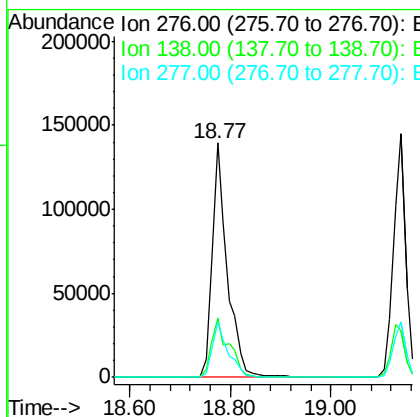
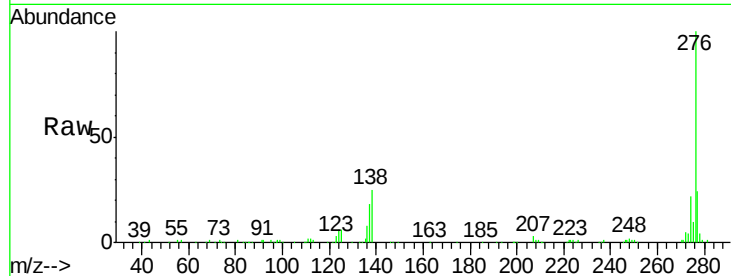
#85
Indeno(1,2,3-cd)pvrene
Concen: 22.41 ng
RT: 18.77 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	289962		
138	29.8	16.9	25.3	#
277	24.9	15.8	23.6	#

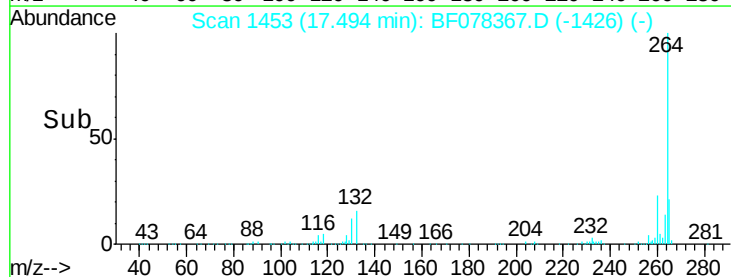
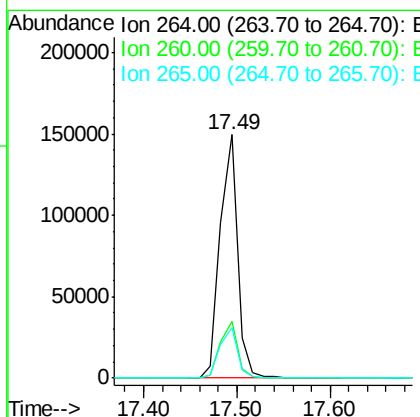
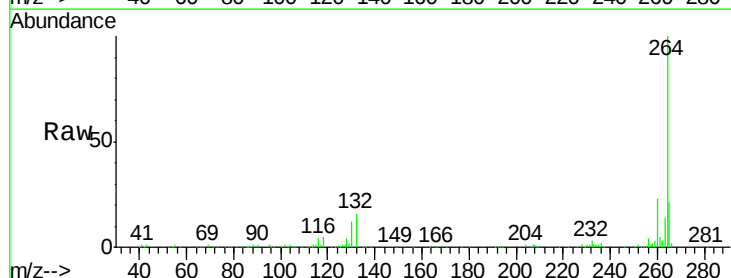
Manual Integrations
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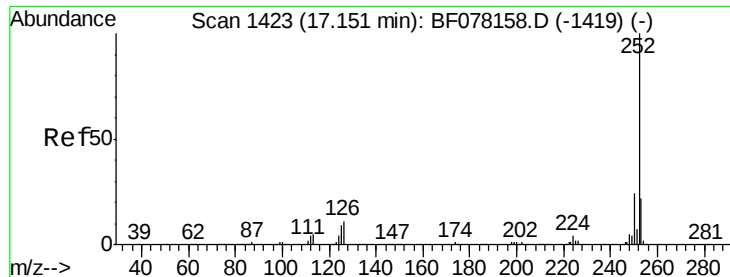
apatel
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	195140		
260	23.3	18.6	27.8	
265	20.7	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 21.77 ng

RT: 17.04 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Instrument :

BNA_F

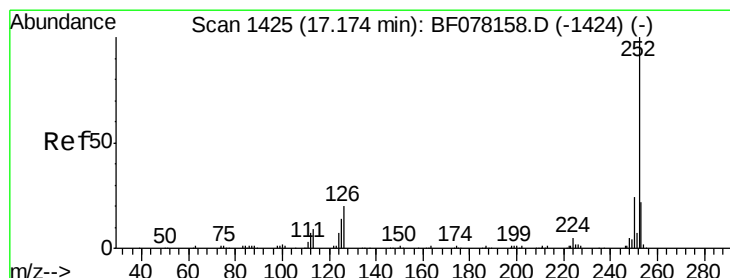
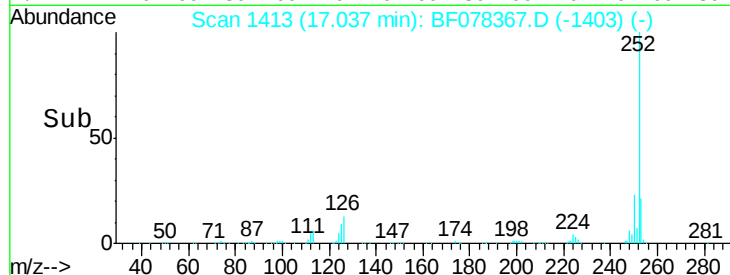
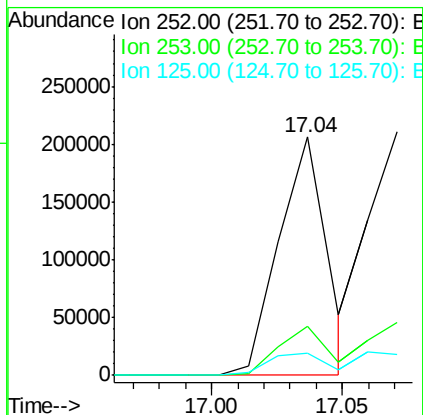
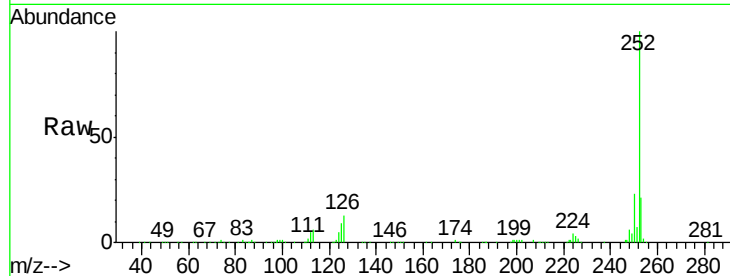
ClientSampleId :

SB11MS

Tot Ion:	252	Resp:	262537
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.2	25.8
125	9.4	7.0	10.4

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 24.66 ng m

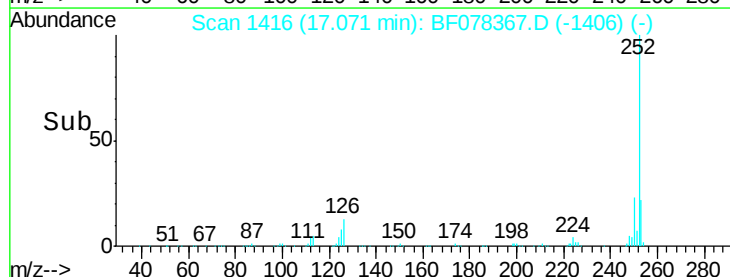
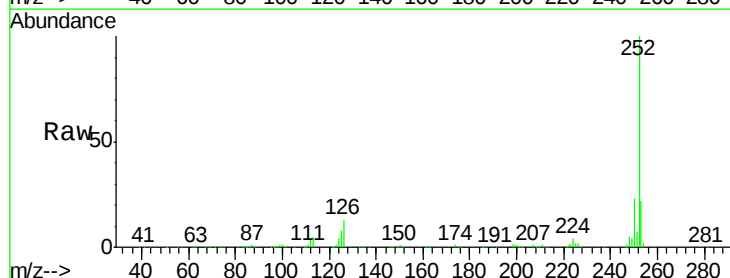
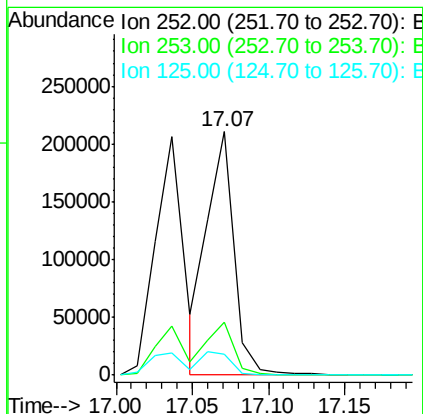
RT: 17.07 min Scan# 1416

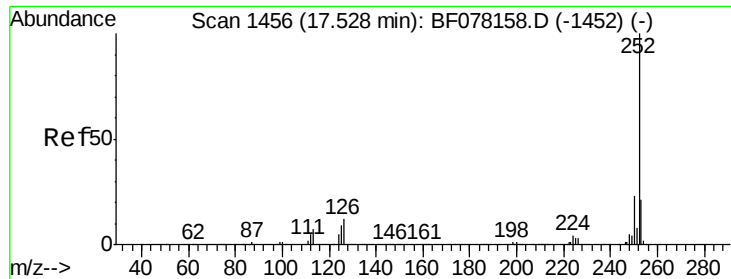
Delta R.T. 0.01 min

Lab File: BF078367.D

Acq: 9 Apr 2015 19:20

Tgt Ion:	252	Resp:	264335
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	8.4	11.6	17.4





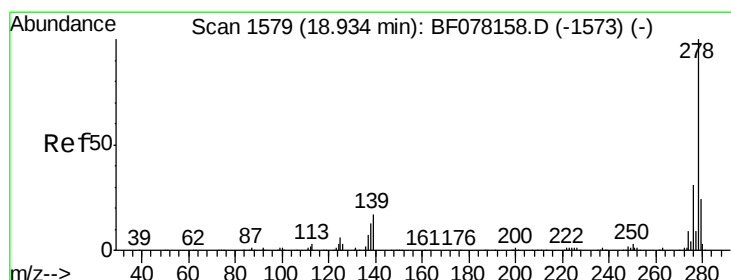
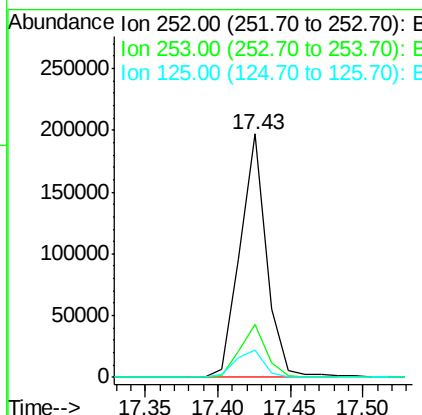
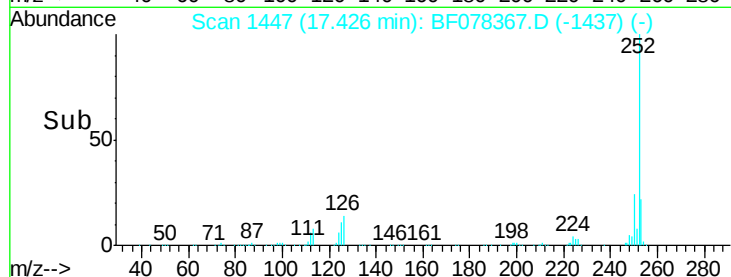
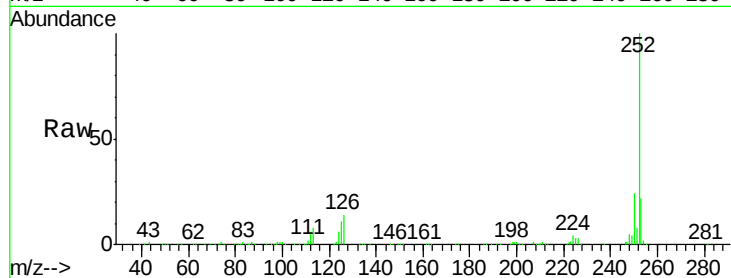
#89
Benzo(a)pyrene
Concen: 23.89 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Instrument :
BNA_F
ClientSampleId :
SB11MS

Tot Ion:	252	Resp:	251408
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.8	25.2
125	11.1	7.4	11.0#

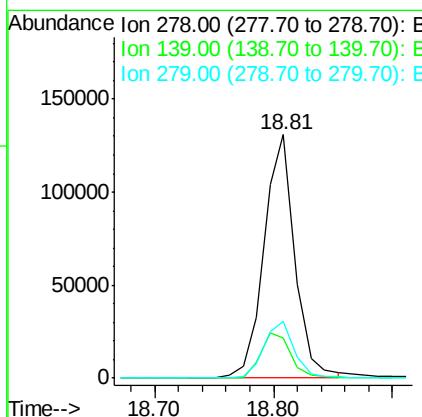
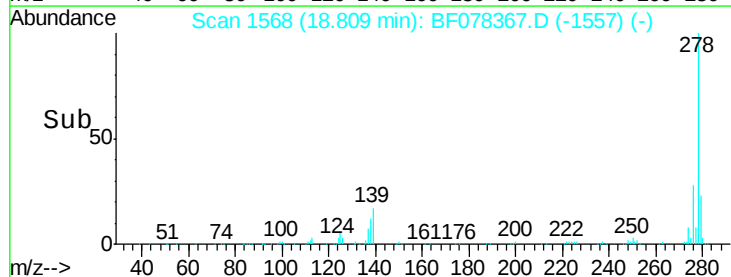
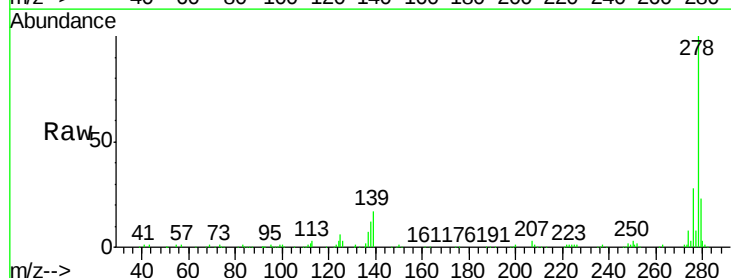
Manual Integrations
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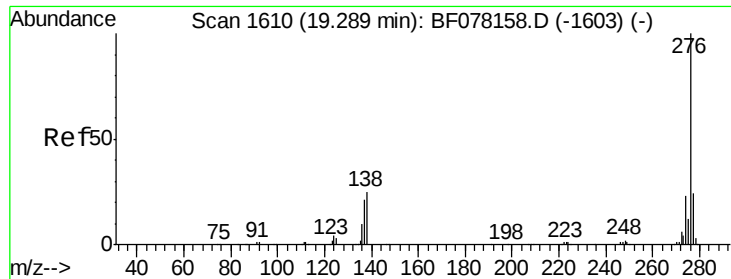
apatel
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#90
Dibenzo(a,h)anthracene
Concen: 22.36 ng
RT: 18.81 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BF078367.D
Acq: 9 Apr 2015 19:20

Tgt Ion:	278	Resp:	235588
Ion Ratio	Lower	Upper	
278	100		
139	16.6	13.6	20.4
279	23.1	19.0	28.6





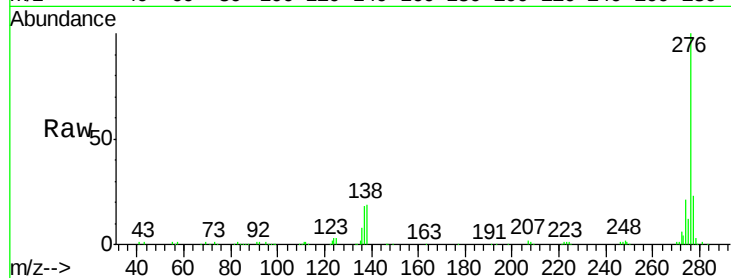
#91
 Benzo(a,h,i)perylene
 Concen: 23.20 ng
 RT: 19.14 min Scan# 1597
 Delta R.T. 0.02 min
 Lab File: BF078367.D
 Acq: 9 Apr 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB11MS

Tot Ion	Ion	Ratio	Resp Lower	Upper
276	100			
277	22.8	19.0	28.4	
138	19.2	19.9	29.9	

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

