

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077814.D
 Acq On : 19 Mar 2015 1:53
 Operator : TP/IZ
 Sample : PB82167BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Manual Integrations
 APPROVED

mohammad
 3/20/2015 1:48:34 PM

Quant Time: Mar 19 04:45:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	35546	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	145787	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	70483	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	142071	20.00	ng	0.00
75) Chrysene-d12	16.02	240	162951	20.00	ng	-0.01
86) Perylene-d12	17.71	264	163194	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	276468	135.76	ng	0.01
7) Phenol-d6	6.73	99	359412	142.85	ng	0.00
23) Nitrobenzene-d5	7.85	82	191967	86.32	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	85737	127.14	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	435465	90.80	ng	0.00
78) Terphenyl-d14	14.74	244	526024	78.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	32030	34.64	ng	# 100
3) Pyridine	2.75	79	81270	32.71	ng	95
4) n-Nitrosodimethylamine	2.67	42	41506	38.37	ng	# 96
6) Aniline	6.75	93	53774	14.94	ng	# 70
8) 2-Chlorophenol	6.89	128	103786	42.82	ng	99
9) Benzaldehyde	6.60	77	6500	6.31	ng	91
10) Phenol	6.74	94	126930	42.68	ng	83
11) bis(2-Chloroethyl)ether	6.85	93	93849	42.13	ng	99
12) 1,3-Dichlorobenzene	7.08	146	107032	39.70	ng	99
13) 1,4-Dichlorobenzene	7.18	146	107630	38.42	ng	99
14) 1,2-Dichlorobenzene	7.37	146	101345	39.46	ng	98
15) Benzyl Alcohol	7.34	79	79800	40.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	117808	39.24	ng	99
17) 2-Methylphenol	7.49	107	83129	42.13	ng	98
18) Hexachloroethane	7.78	117	35811	38.98	ng	98
19) n-Nitroso-di-n-propylamine	7.68	70	66915	38.45	ng	99
20) 3+4-Methylphenols	7.69	107	105739	40.84	ng	98
22) Acetophenone	7.66	105	131528	40.75	ng	# 98
24) Nitrobenzene	7.87	77	97236	40.58	ng	99
25) Isophorone	8.18	82	175157	39.00	ng	100
26) 2-Nitrophenol	8.27	139	47057	40.12	ng	97
27) 2,4-Dimethylphenol	8.34	122	91373	42.76	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	109552	40.18	ng	98
29) 2,4-Dichlorophenol	8.57	162	87807	43.11	ng	100
30) 1,2,4-Trichlorobenzene	8.67	180	89092	39.09	ng	99
31) Naphthalene	8.76	128	295427	39.46	ng	100
32) Benzoic acid	8.45	122	33985	29.77	ng	95
33) 4-Chloroaniline	8.84	127	49819	16.39	ng	98
34) Hexachlorobutadiene	8.92	225	48580	37.61	ng	98
35) Caprolactam	9.26	113	26138	43.91	ng	# 77
36) 4-Chloro-3-methylphenol	9.45	107	88276	43.07	ng	87
37) 2-Methylnaphthalene	9.62	142	200723	39.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	85210	40.53	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	82189	78.17	ng	98

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	59734	41.02	nq	99
43) 2,4,5-Trichlorophenol	10.02	196	64557	41.03	nq #	89
45) 1,1'-Biphenyl	10.20	154	243376	43.20	nq	99
46) 2-Chloronaphthalene	10.23	162	191579	41.84	nq	98
47) 2-Nitroaniline	10.35	65	50679	44.57	nq	90
48) Acenaphthylene	10.73	152	299472	39.33	nq	99
49) Dimethylphthalate	10.59	163	217441	41.59	nq	99
50) 2,6-Dinitrotoluene	10.66	165	46826	43.21	nq #	86
51) Acenaphthene	10.95	154	180029	41.24	nq	100
52) 3-Nitroaniline	10.87	138	33135	26.33	nq	89
53) 2,4-Dinitrophenol	11.00	184	33853	84.53	nq #	71
54) Dibenzofuran	11.16	168	277534	42.86	nq	97
55) 4-Nitrophenol	11.08	139	78830	84.56	nq #	73
56) 2,4-Dinitrotoluene	11.16	165	66990	47.41	nq #	72
57) Fluorene	11.59	166	226841	42.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	53265	43.97	nq #	100
59) Diethylphthalate	11.47	149	218305	42.86	nq	99
60) 4-Chlorophenyl-phenylether	11.60	204	100743	41.06	nq	95
61) 4-Nitroaniline	11.62	138	55288	44.08	nq	86
62) Azobenzene	11.79	77	207172	42.56	nq	96
64) 4,6-Dinitro-2-methylphenol	11.65	198	23740	36.52	nq	81
65) n-Nitrosodiphenylamine	11.75	169	196829	41.61	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	61074	40.28	nq	94
67) Hexachlorobenzene	12.26	284	67710	40.64	nq	97
68) Atrazine	12.42	200	59554	44.92	nq	96
69) Pentachlorophenol	12.51	266	70583	80.86	nq	99
70) Phenanthrene	12.77	178	344605	42.25	nq	99
71) Anthracene	12.83	178	345303	42.85	nq	99
72) Carbazole	13.05	167	346437	45.20	nq	99
73) Di-n-butylphthalate	13.51	149	336630	39.17	nq	98
74) Fluoranthene	14.25	202	383279	42.61	nq	98
76) Benzidine	14.43	184	117178	28.94	nq	97
77) Pyrene	14.52	202	396274	38.67	nq	99
79) Butylbenzylphthalate	15.36	149	152263	37.69	nq #	80
80) Benzo(a)anthracene	16.01	228	390956	40.47	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	59171	18.57	nq	98
82) Chrysene	16.05	228	387399	44.60	nq	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	223465	36.52	nq #	96
84) Di-n-octyl phthalate	16.85	149	385323	36.82	nq	100
85) Indeno(1,2,3-cd)pyrene	19.09	276	427057	39.39	nq #	100
87) Benzo(b)fluoranthene	17.28	252	454480	42.66	nq	99
88) Benzo(k)fluoranthene	17.31	252	318141m	38.23	nq	
89) Benzo(a)pyrene	17.64	252	376315	42.33	nq #	96
90) Dibenzo(a,h)anthracene	19.12	278	356012	40.38	nq #	97
91) Benzo(g,h,i)perylene	19.51	276	368914	41.10	nq	98

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

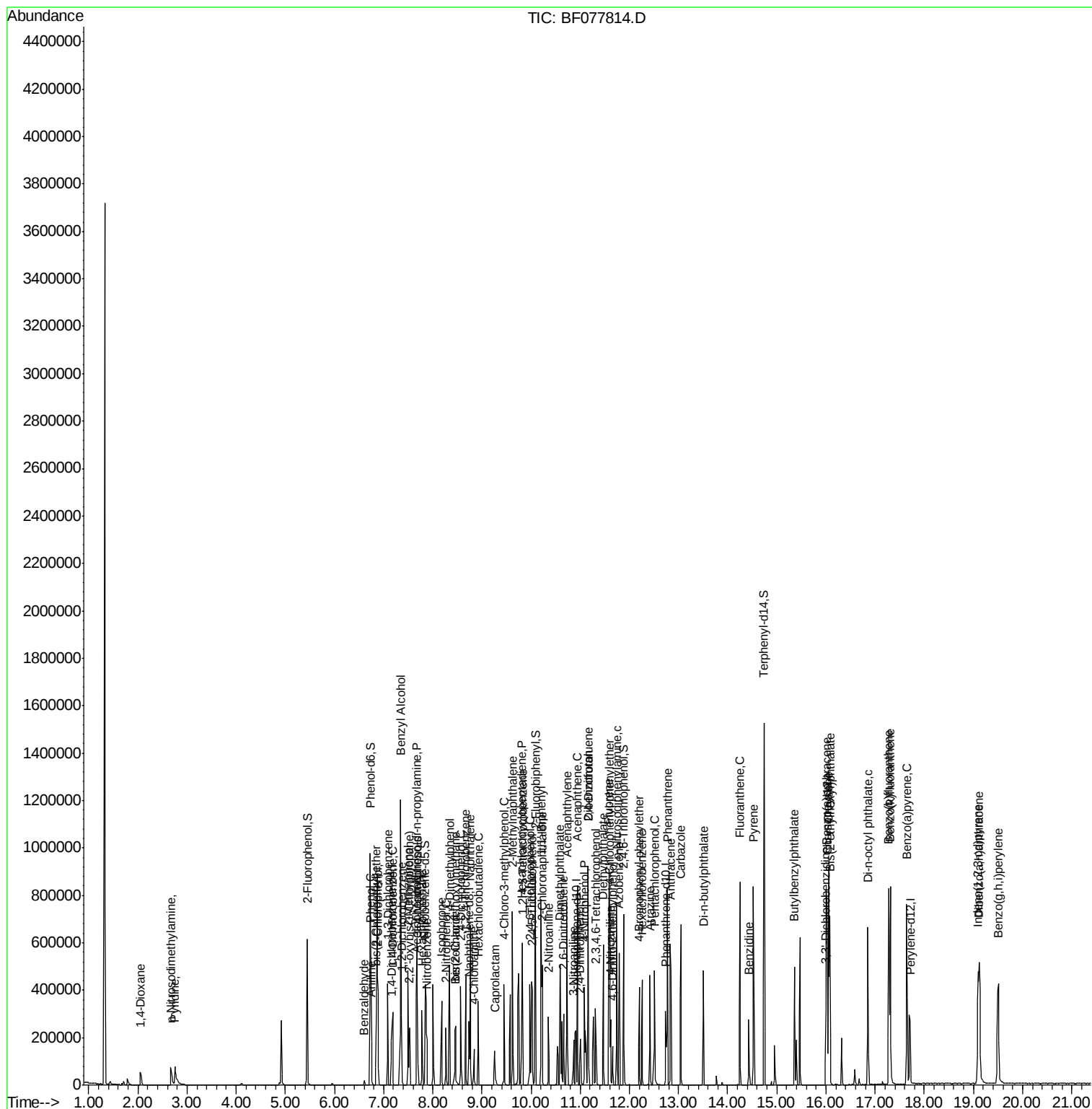
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Acq On    : 19 Mar 2015    1:53
Operator  : TP/IZ
Sample    : PB82167BS
Misc      :
ALS Vial  : 23    Sample Multiplier: 1
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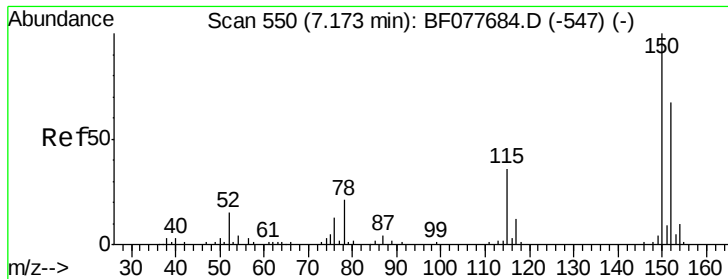
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

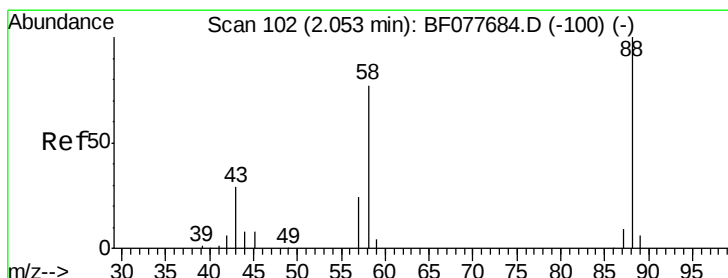
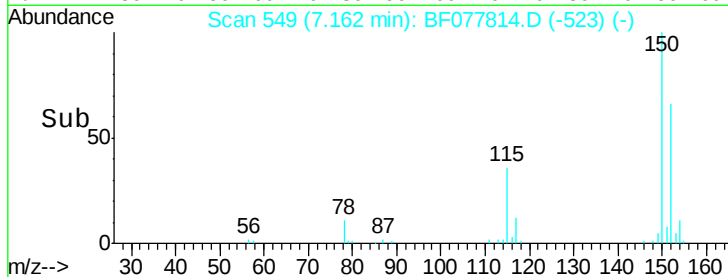
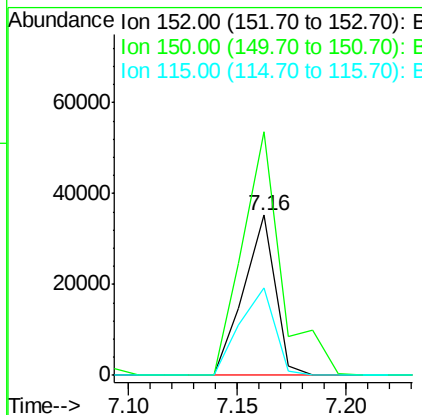
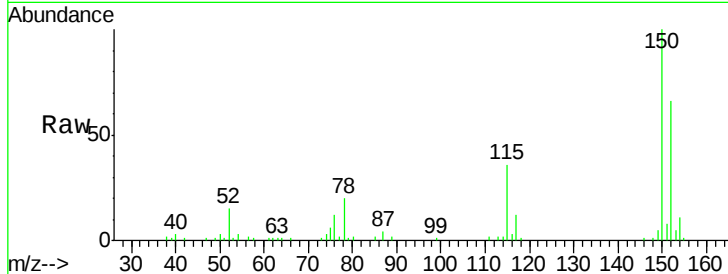
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	54.8	43.0	64.4

Manual Integrations
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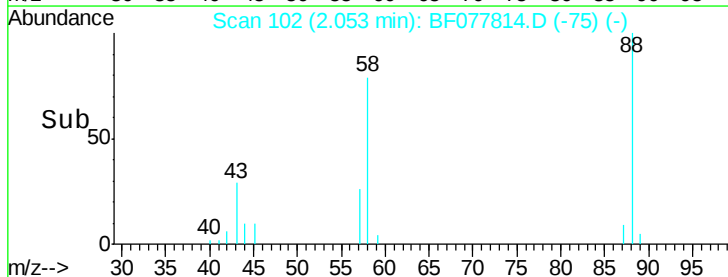
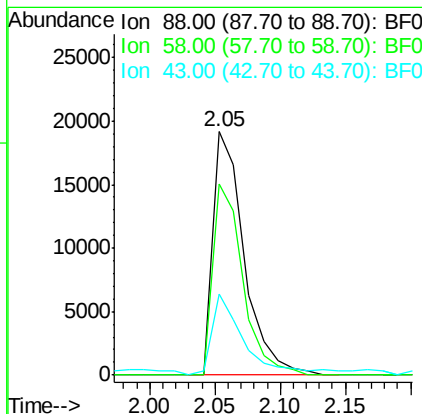
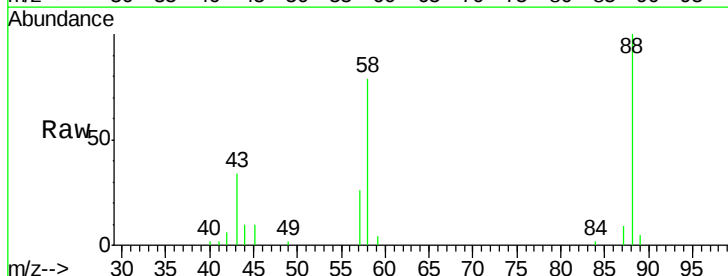
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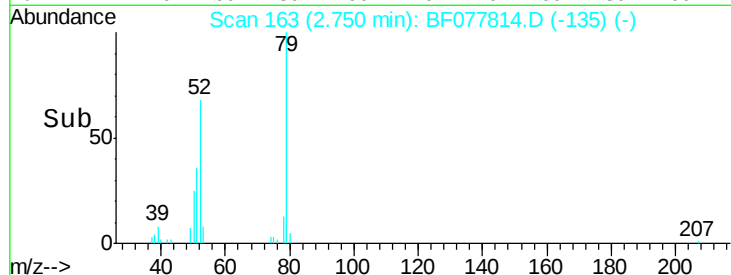
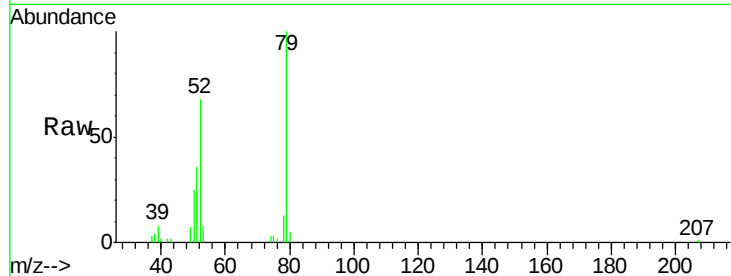


#2

1,4-Dioxane
Concen: 34.64 ng
RT: 2.05 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	0.0	0.0#
43	35.0	0.0	0.0#





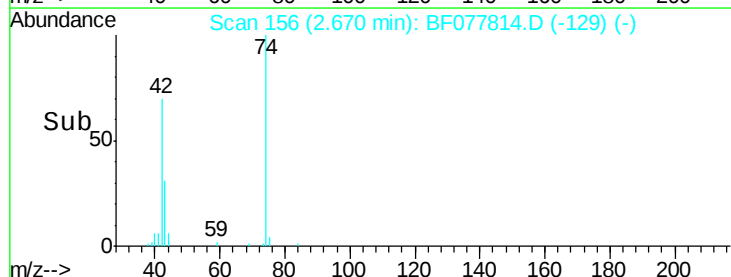
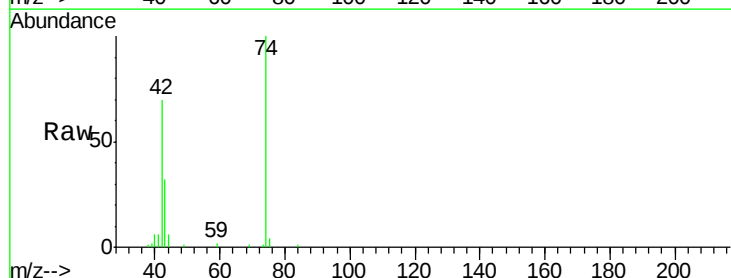
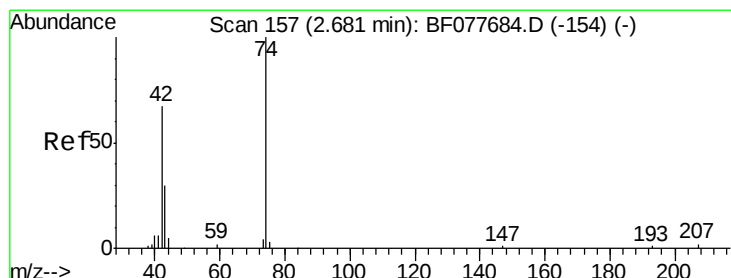
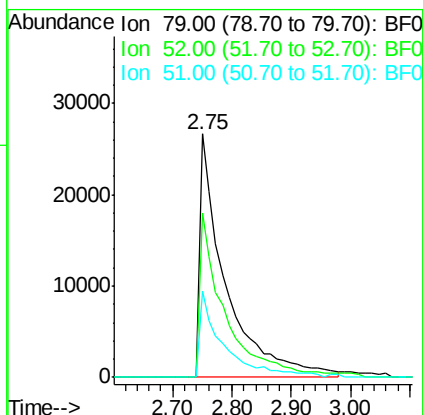
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Pvridine
Concen: 32.71 ng
RT: 2.75 min Scan# 163
Delta R.T. 0.02 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	67.7	51.1	76.7		
51	35.6	26.1	39.1		

Instrument :
BNA_F
ClientSampleId :
PB82167BS

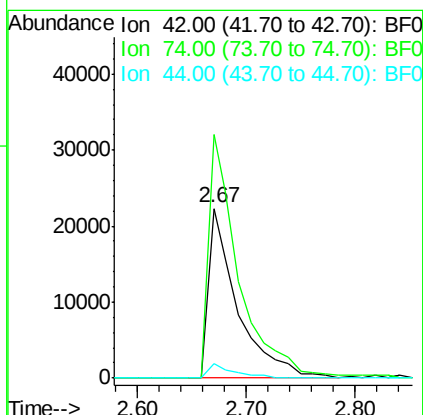
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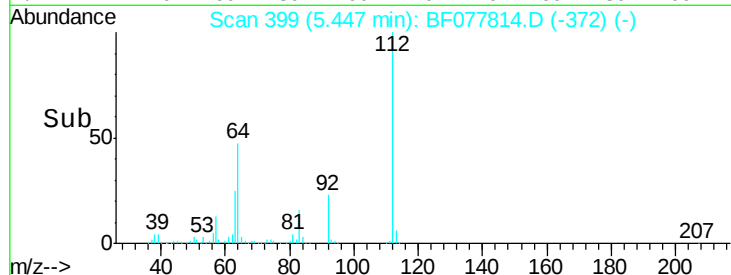
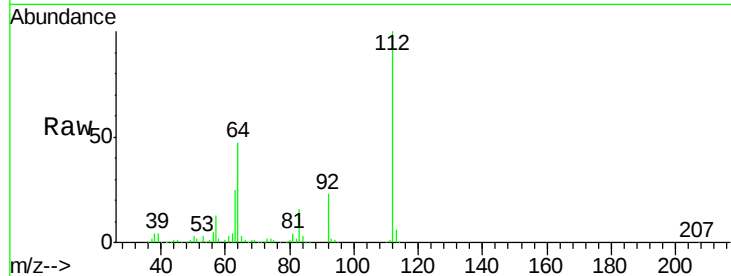
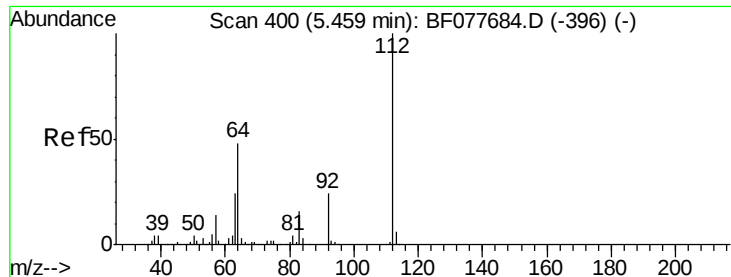
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#4
n-Nitrosodimethylamine
Concen: 38.37 ng
RT: 2.67 min Scan# 156
Delta R.T. 0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	143.6	119.3	178.9		
44	8.3	5.4	8.2#		





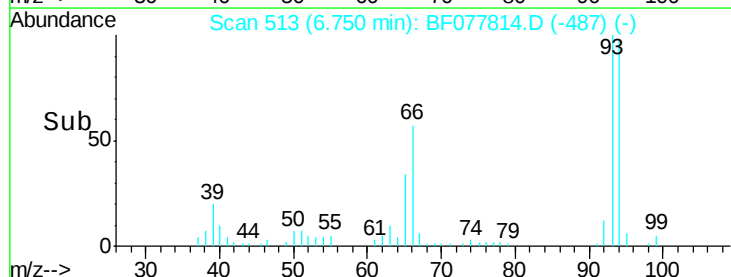
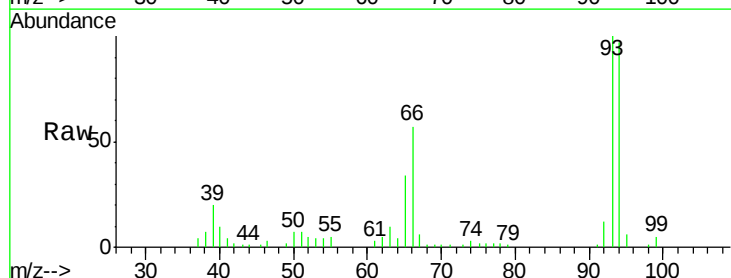
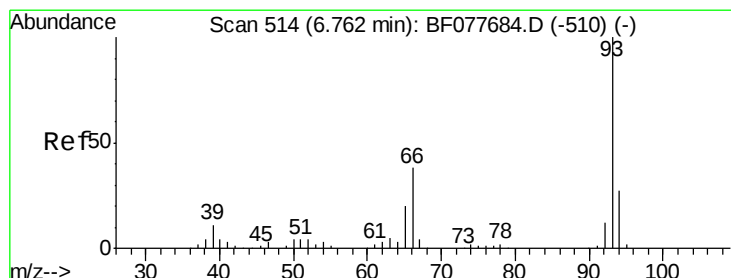
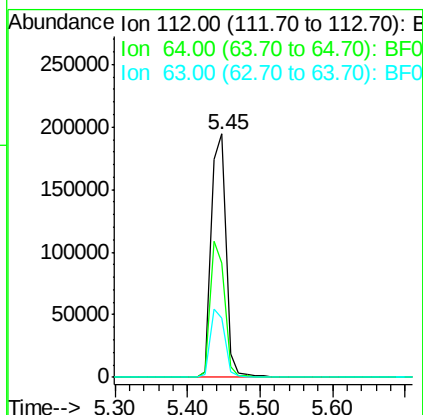
#5
2-Fluorophenol
Concen: 135.76 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	47.1	38.6	57.8
63	24.5	19.3	28.9

Instrument :
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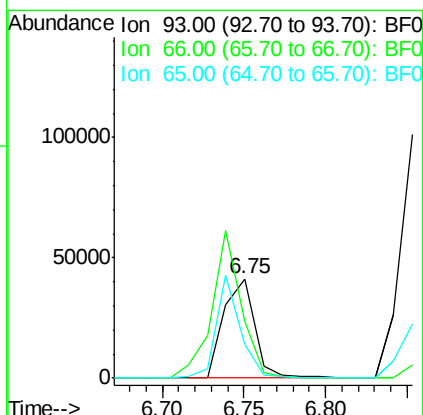
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#6
Aniline
Concen: 14.94 ng
RT: 6.75 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	56.8	30.8	46.2#
65	34.1	16.0	24.0#





#7

Phenol-d6

Concen: 142.85 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

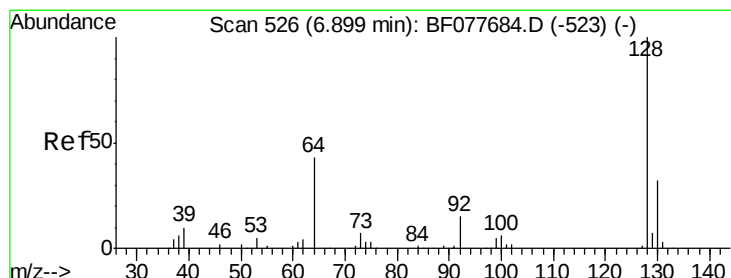
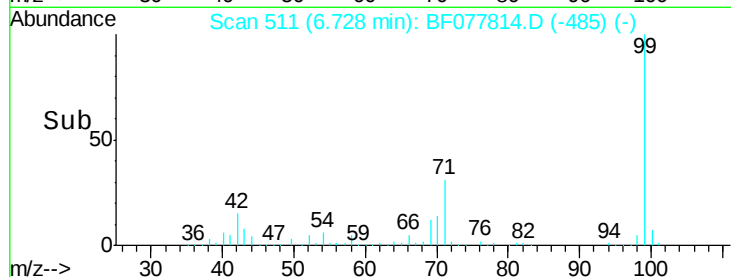
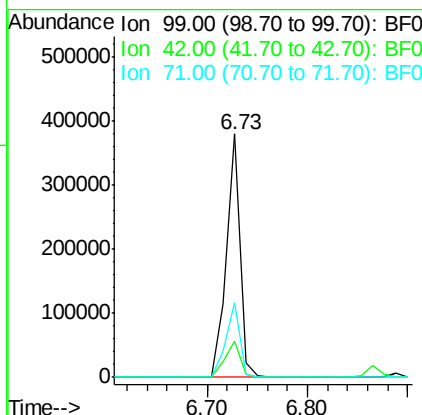
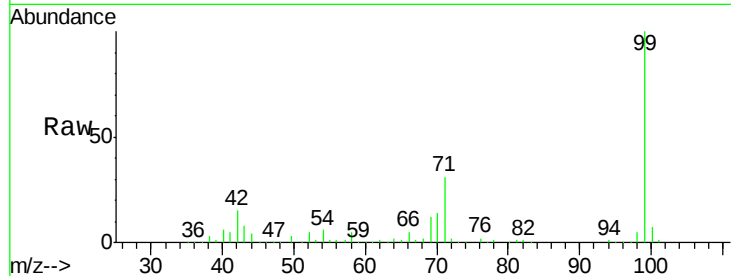
ClientSampleId :

PB82167BS

Tot Ion:	99	Resp:	359412
Ion Ratio	Lower	Upper	
99	100		
42	15.1	11.0	16.4
71	30.7	23.4	35.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 42.82 ng

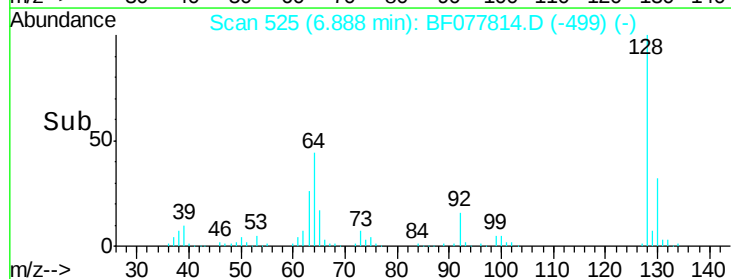
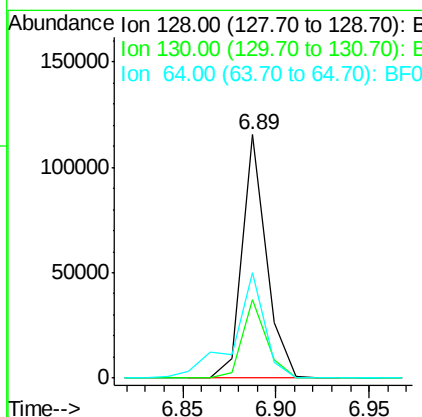
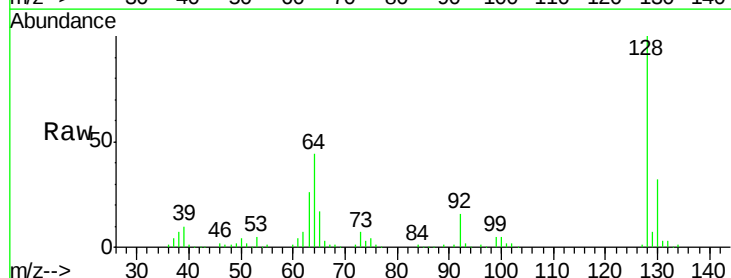
RT: 6.89 min Scan# 525

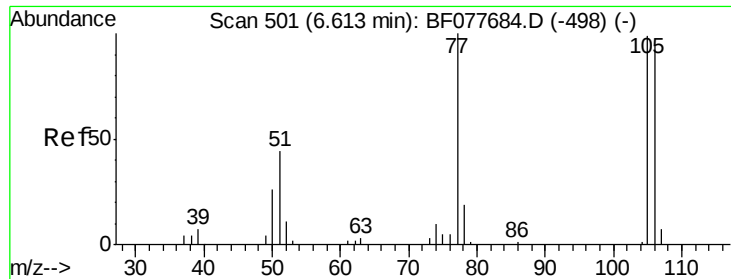
Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion:	128	Resp:	103786
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	43.5	24.9	64.9





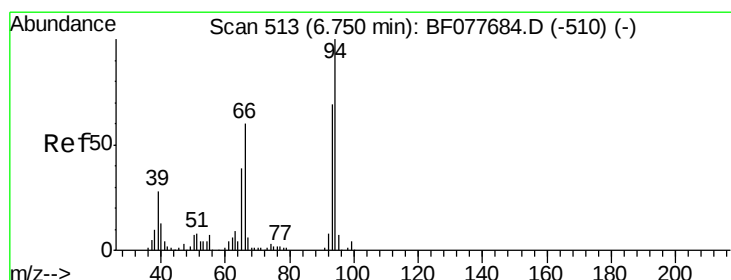
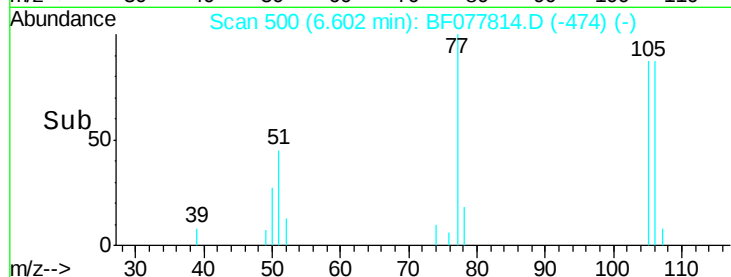
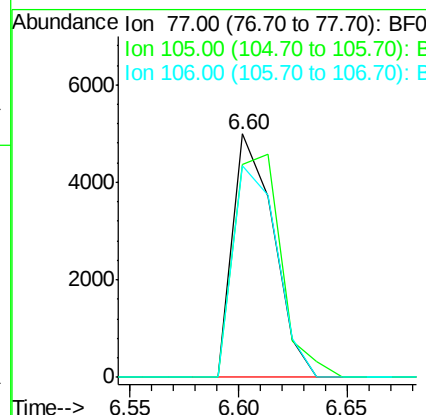
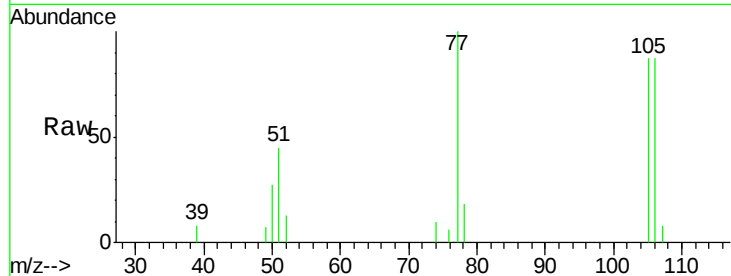
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Benzaldehyde
Concen: 6.31 ng
RT: 6.60 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF077814.D
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Instrument :
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ClientSampleId :
PB82167BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.3	78.8	118.8
106	87.0	73.7	113.7

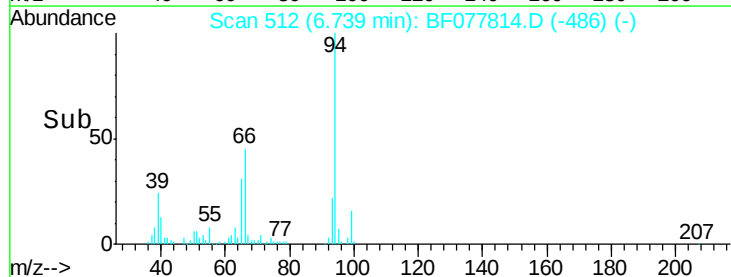
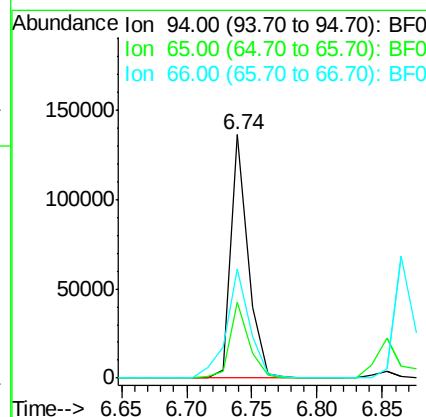
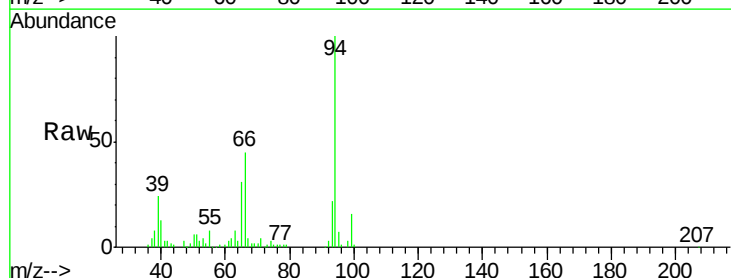
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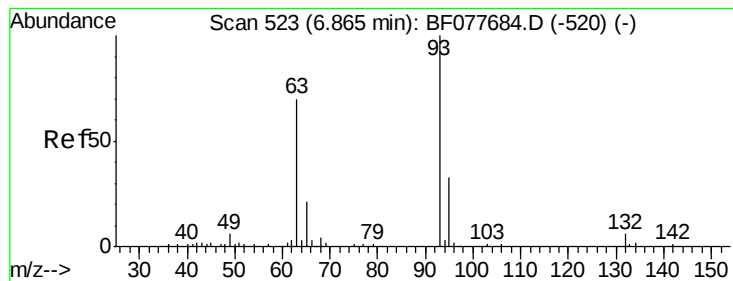
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#10
Phenol
Concen: 42.68 ng
RT: 6.74 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	18.8	58.8
66	44.8	39.9	79.9





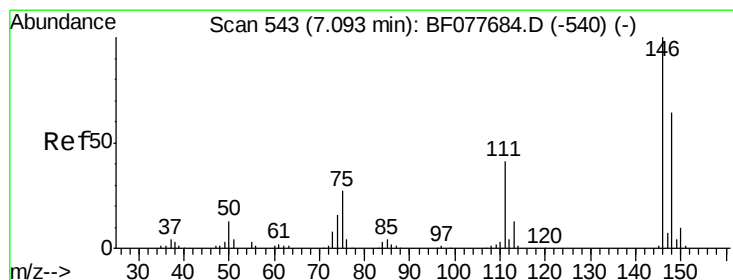
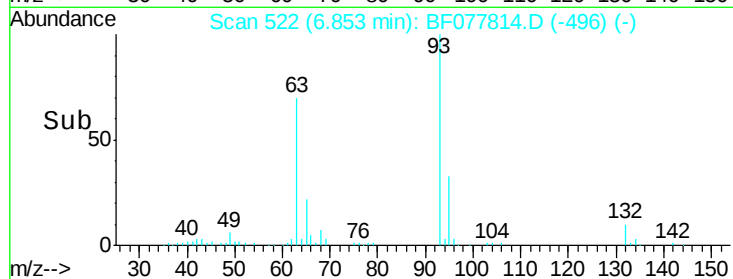
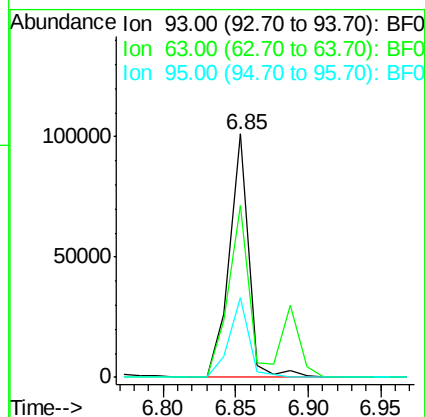
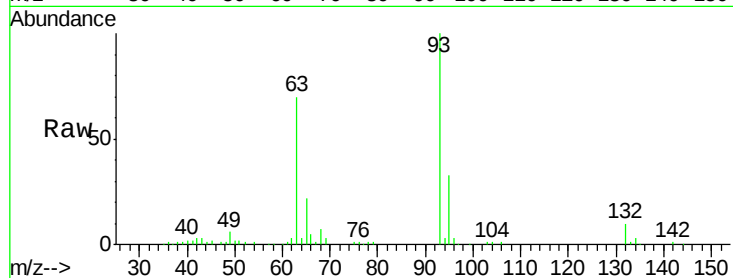
#11
bis(2-Chloroethyl)ether
Concen: 42.13 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	70.4	49.5	89.5
95	32.6	13.5	53.5

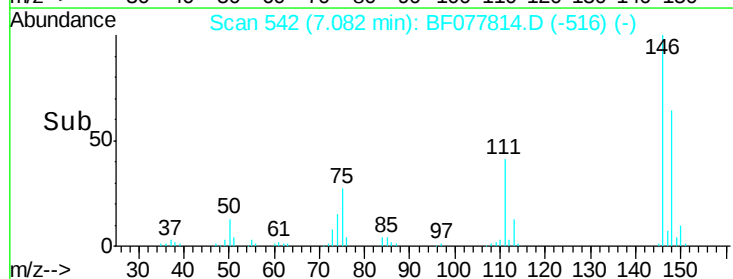
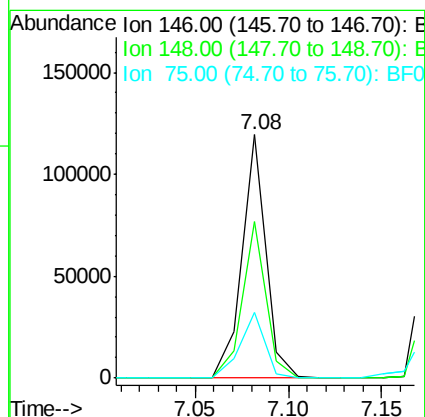
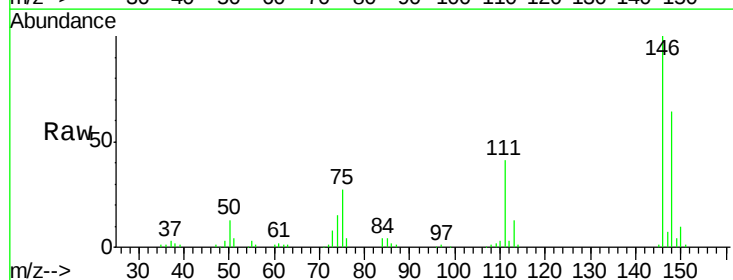
Manual Integrations
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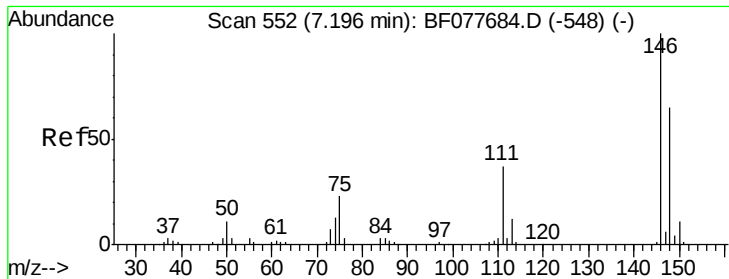
mohammad
3/20/2015 1:48:34 PM



#12
1,3-Dichlorobenzene
Concen: 39.70 ng
RT: 7.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.3	50.9	76.3
75	27.2	21.4	32.2





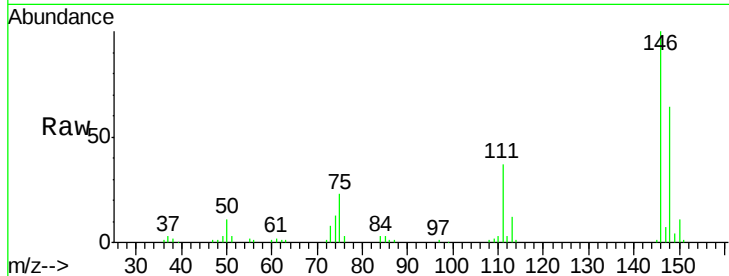
#13
1,4-Dichlorobenzene
Concen: 38.42 ng
RT: 7.18 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

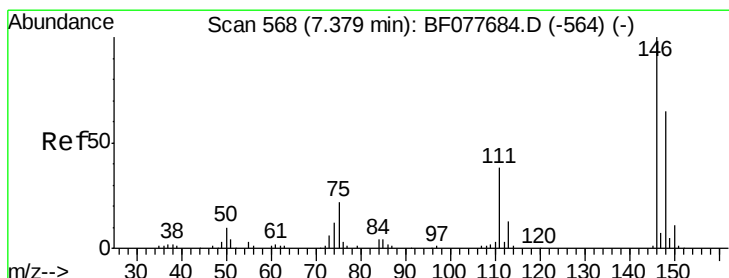
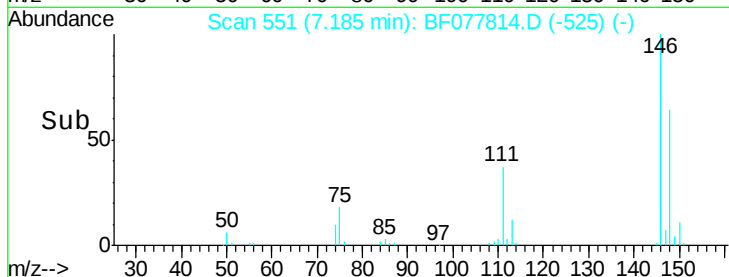
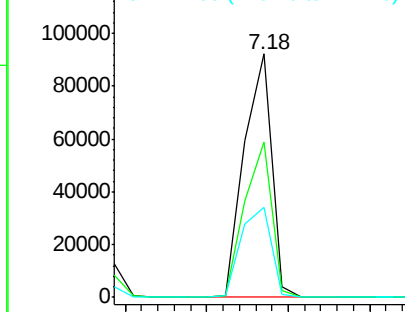
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	36.9	29.2	43.8

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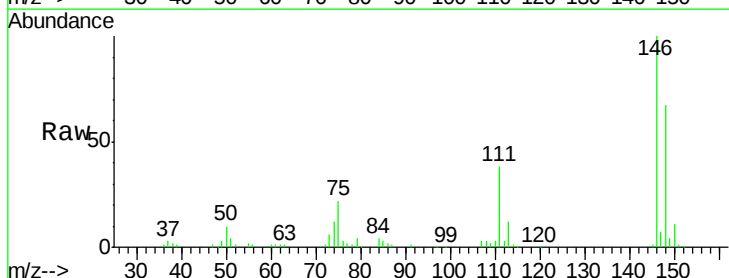


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

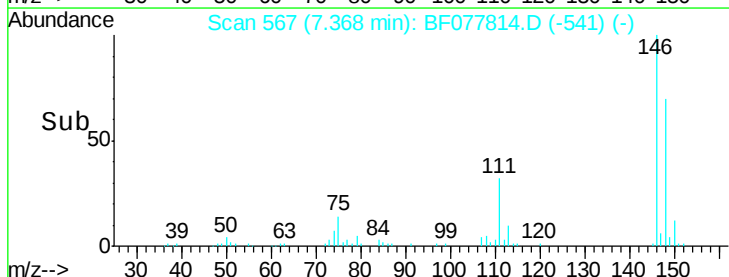
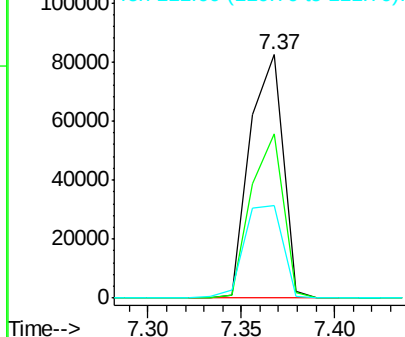


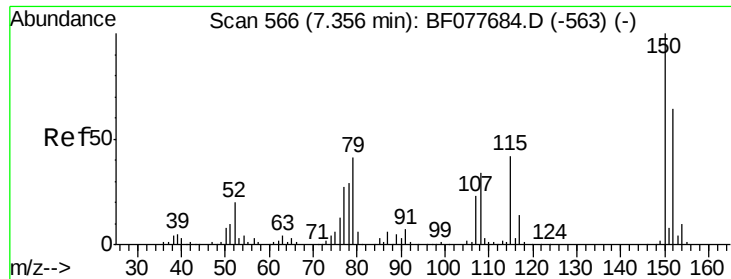
#14
1,2-Dichlorobenzene
Concen: 39.46 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.3	78.5
111	38.2	30.6	45.8



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





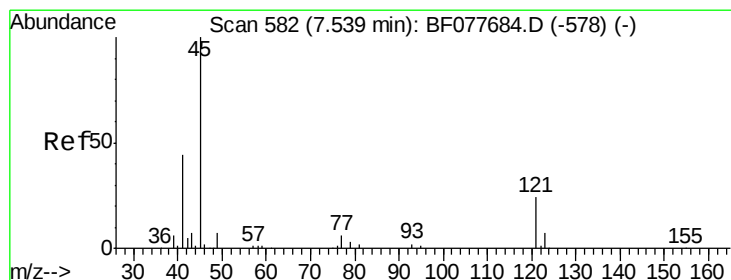
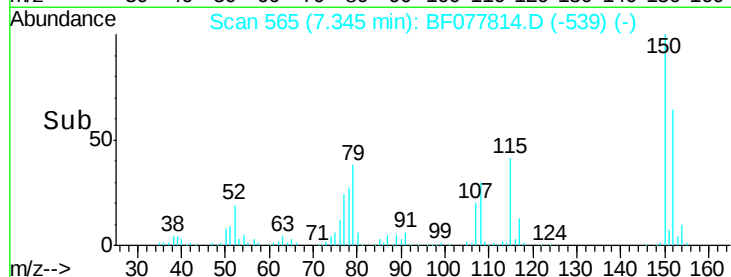
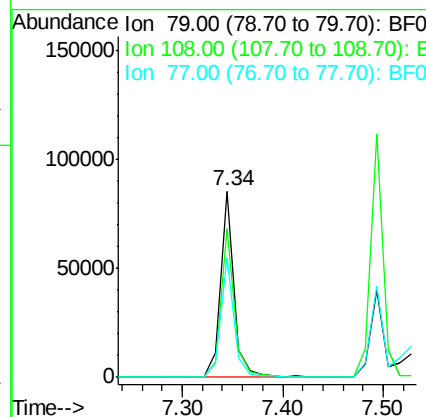
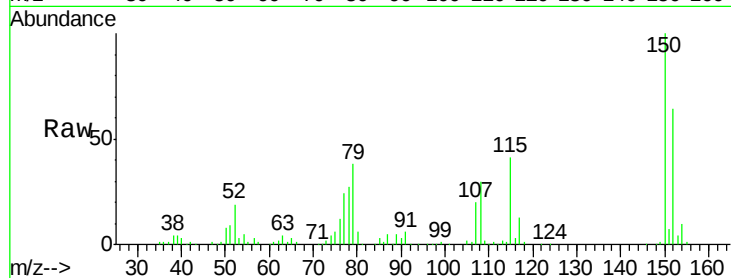
#15
Benzyl Alcohol
Concen: 40.63 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampled :
PB82167BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	65.0	97.4
77	64.3	53.0	79.6

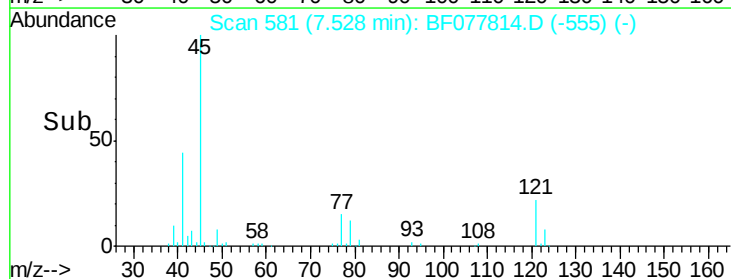
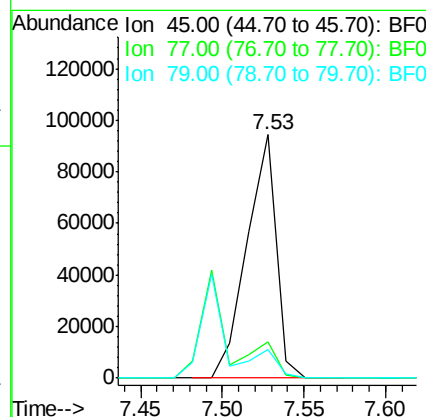
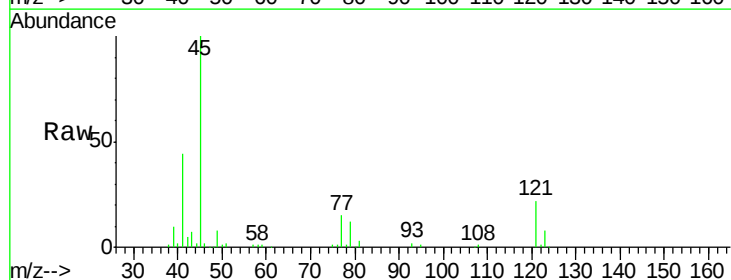
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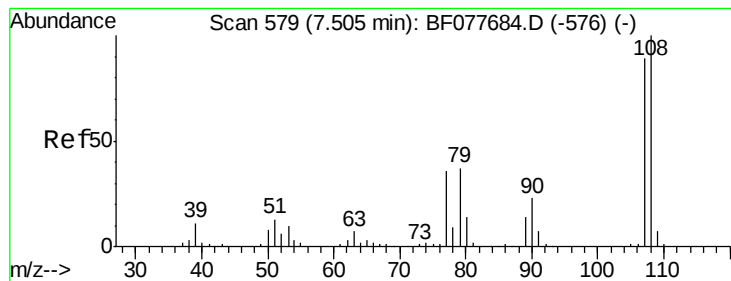
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.24 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.2
79	11.7	0.0	32.0





#17

2-Methylphenol

Concen: 42.13 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

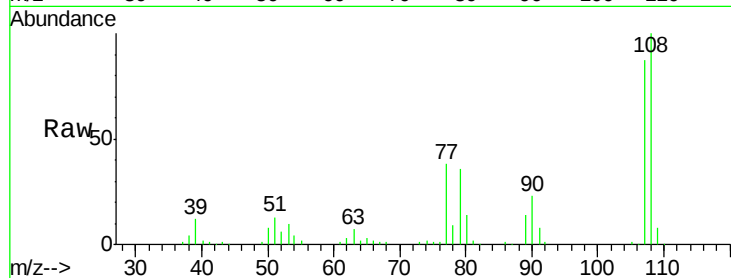
ClientSampleId :

PB82167BS

Tot Ion:	107	Resp:	83129
Ion Ratio	Lower	Upper	
107	100		
108	114.9	89.8	134.8
77	43.1	32.6	48.8
79	41.4	32.8	49.2

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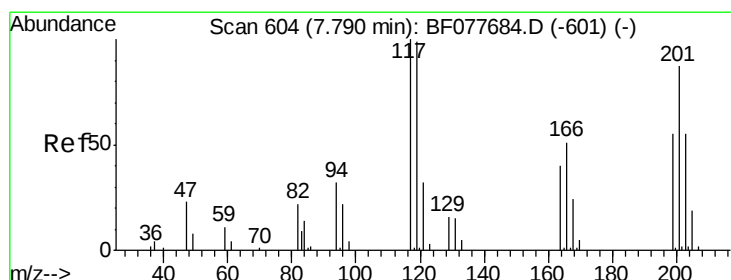
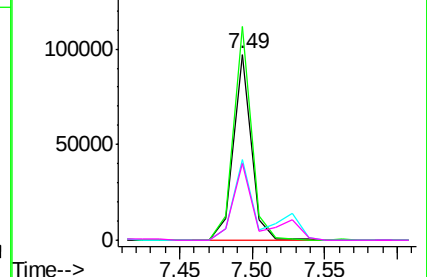
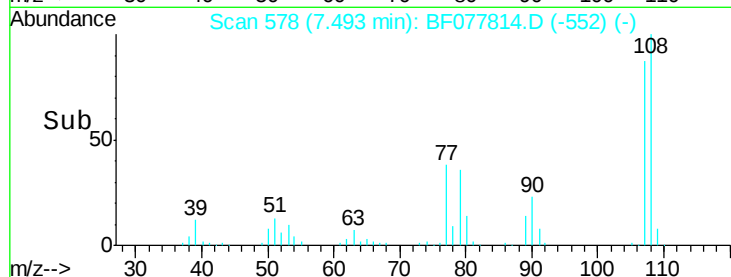


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.98 ng

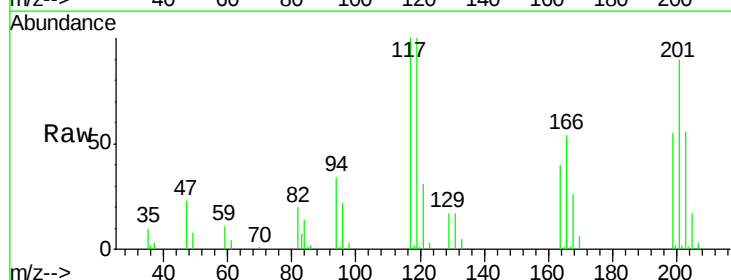
RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

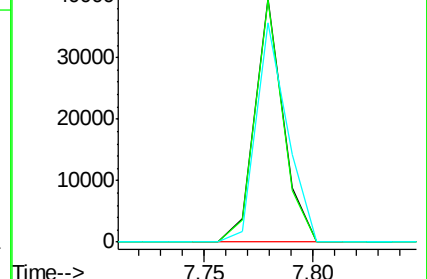
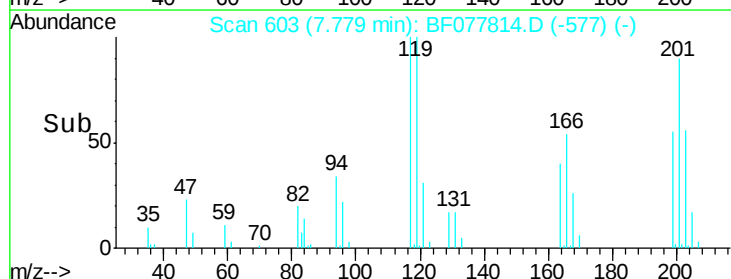
Tgt Ion:	117	Resp:	35811
Ion Ratio	Lower	Upper	
117	100		
119	99.7	79.2	118.8
201	90.1	69.8	104.6

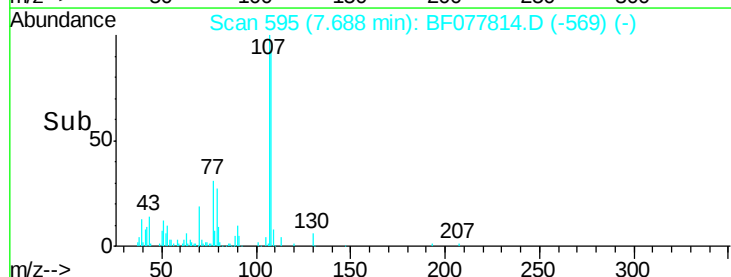
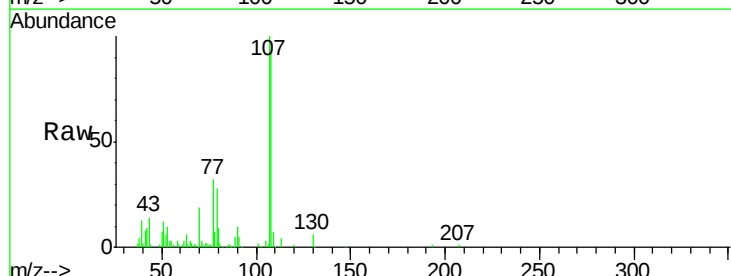
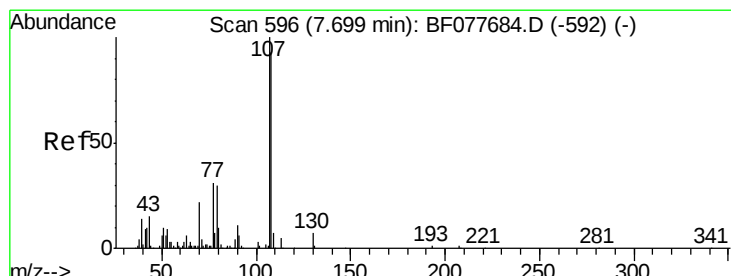
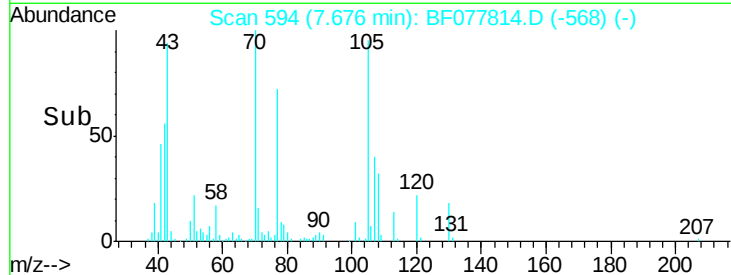
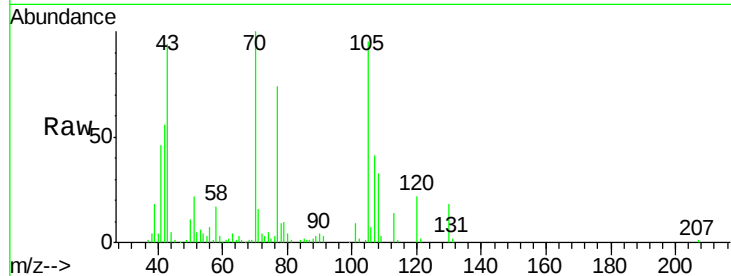
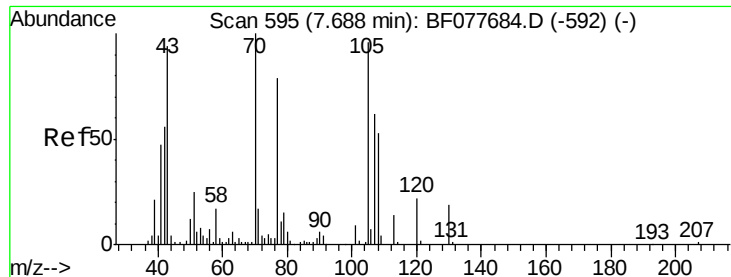


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





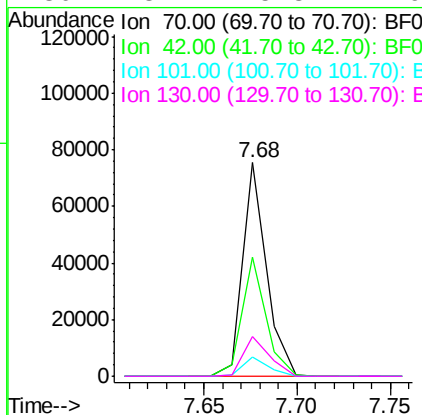
#19
n-Nitroso-di-n-propylamine
Concen: 38.45 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

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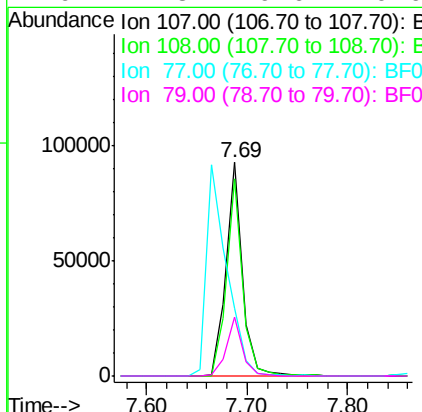
mohammad
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Tot Ion	Ratio	Lower	Upper
70	100		
42	55.8	44.5	66.7
101	9.2	7.4	11.2
130	18.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 40.84 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.2	113.2
77	32.0	10.7	50.7
79	27.8	9.6	49.6





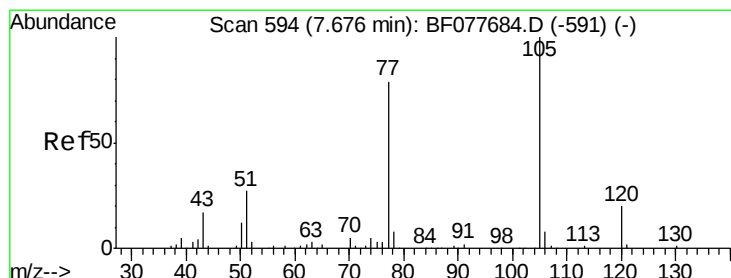
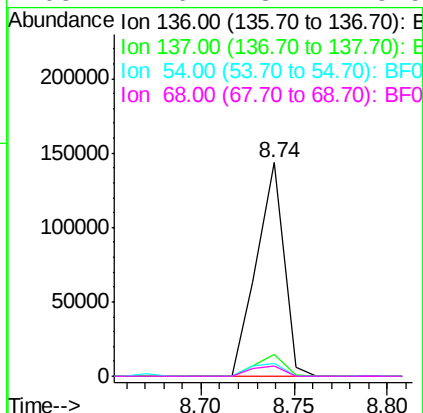
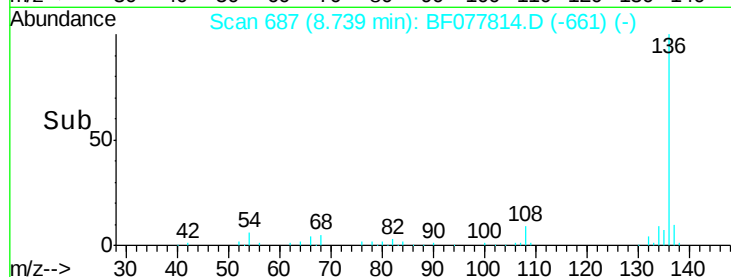
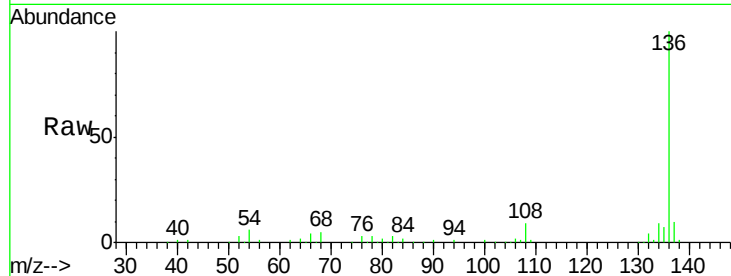
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	145787		
137	10.3	8.7	13.1	
54	5.7	4.6	6.8	
68	4.6	3.7	5.5	

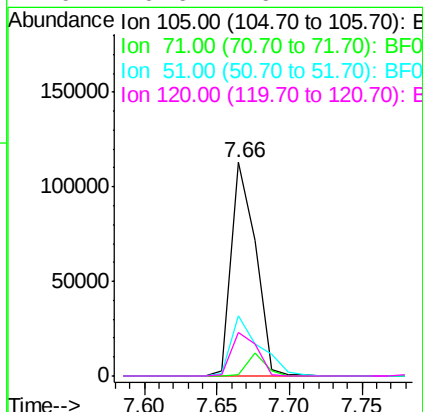
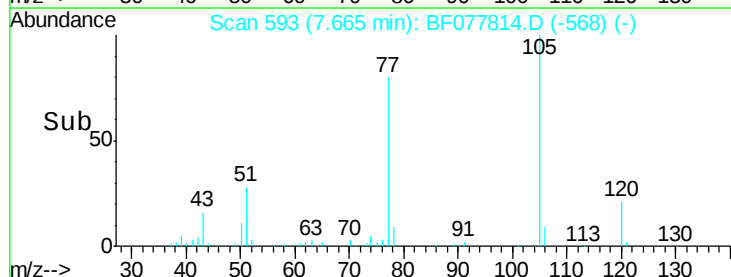
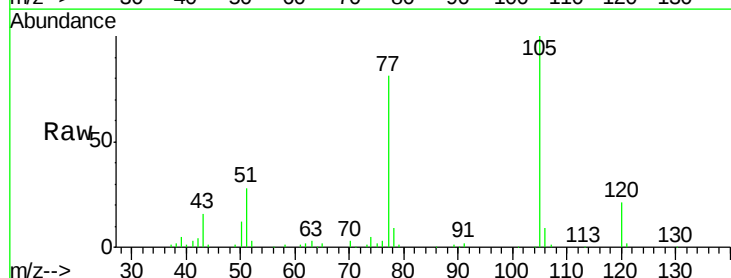
Manual Integrations
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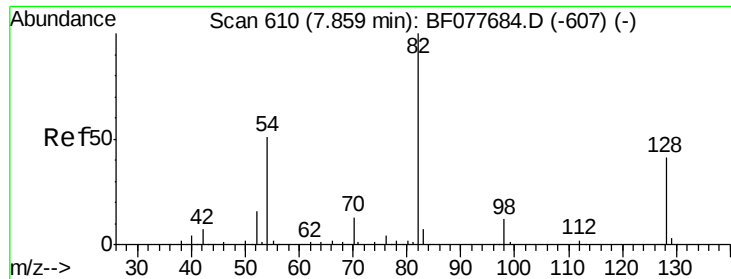
mohammad
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#22
Acetophenone
Concen: 40.75 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	131528		
71	0.5	0.6	1.0#	
51	28.1	21.6	32.4	
120	20.6	16.1	24.1	





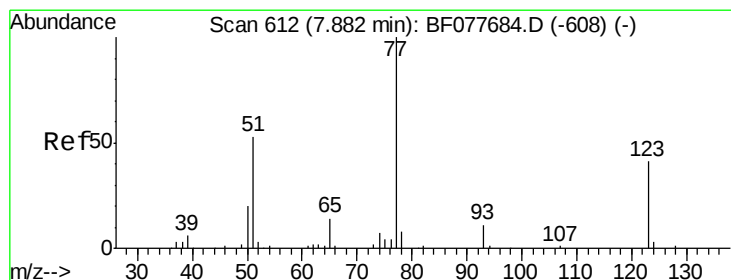
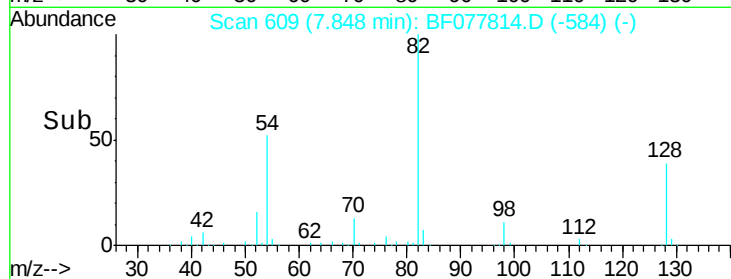
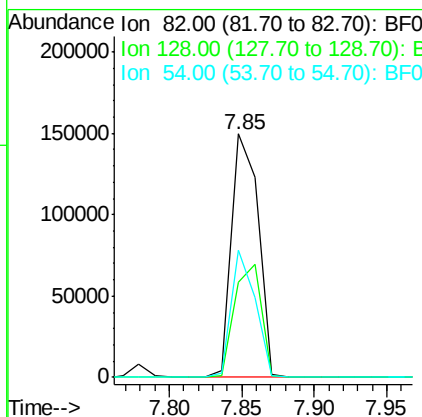
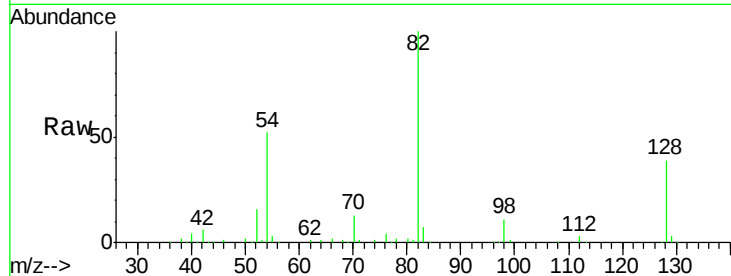
#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	191967		
128	39.2	32.8	49.2	
54	52.0	40.6	60.8	

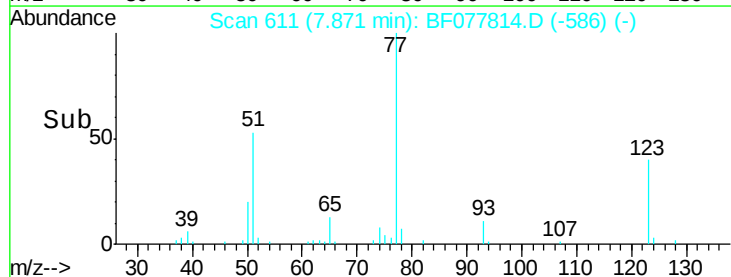
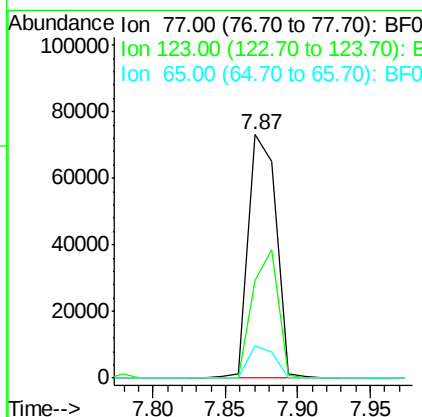
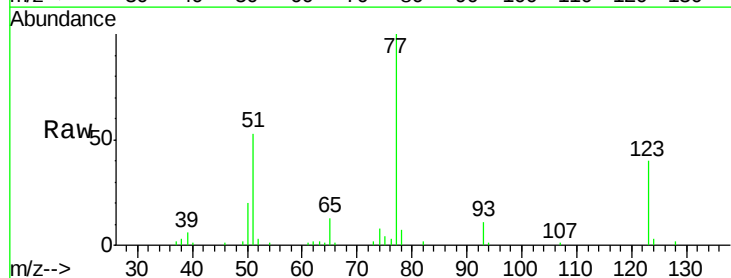
Manual Integrations
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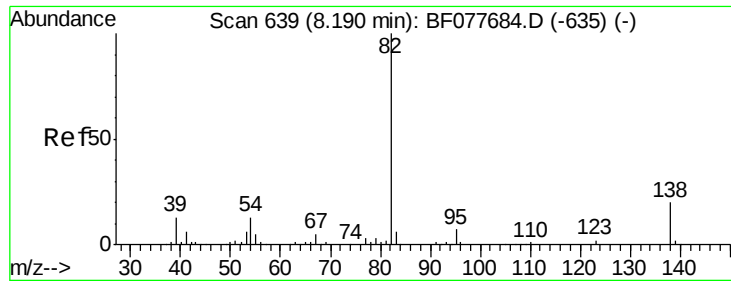
mohammad
 3/20/2015 1:48:34 PM



#24
 Nitrobenzene
 Concen: 40.58 ng
 RT: 7.87 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	97236		
123	40.1	32.6	49.0	
65	13.1	10.9	16.3	





#25

Isophorone

Concen: 39.00 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

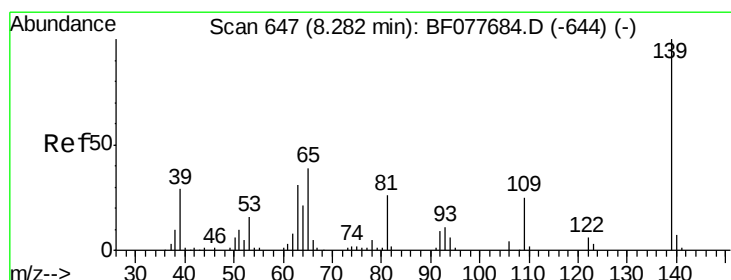
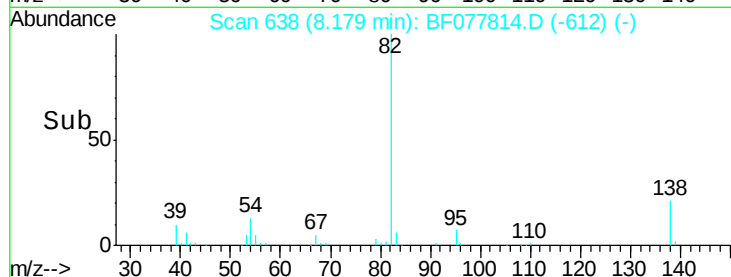
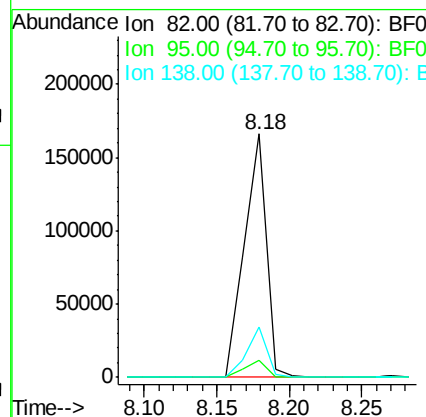
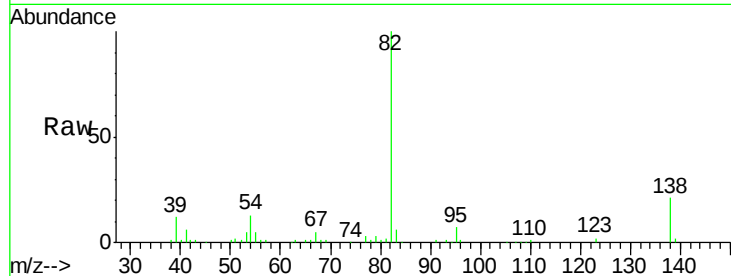
ClientSampleId :

PB82167BS

Tot Ion:	82	Resp:	175157
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	20.6	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.12 ng

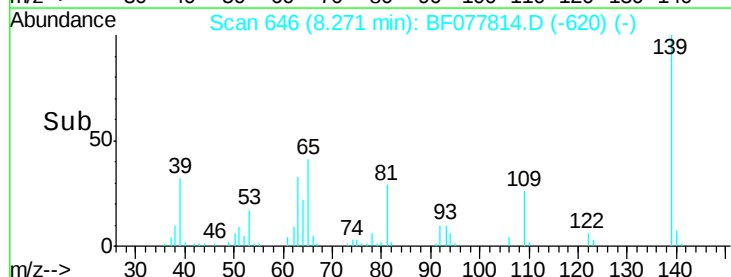
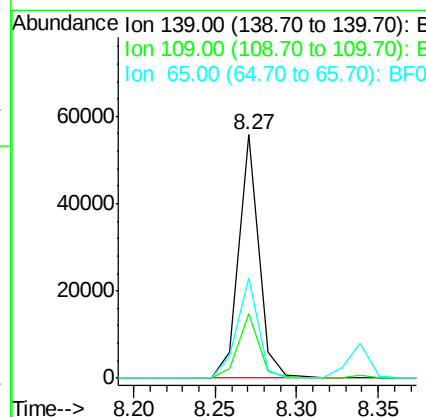
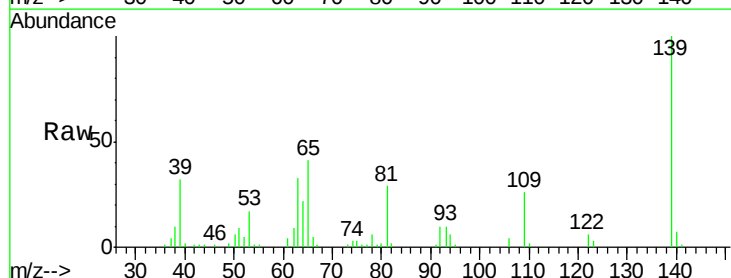
RT: 8.27 min Scan# 646

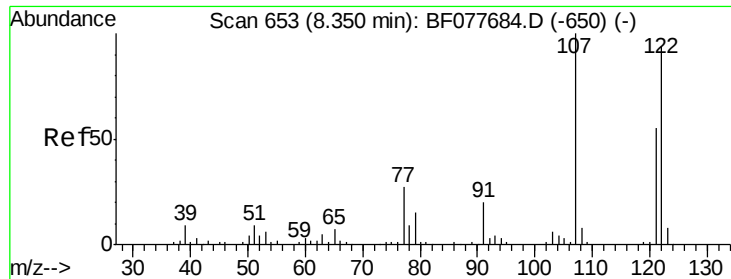
Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion:	139	Resp:	47057
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.1	30.1
65	41.3	31.5	47.3





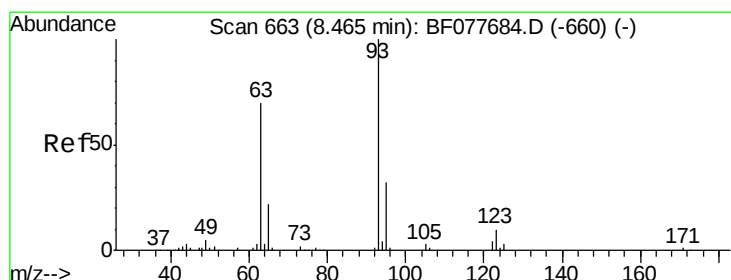
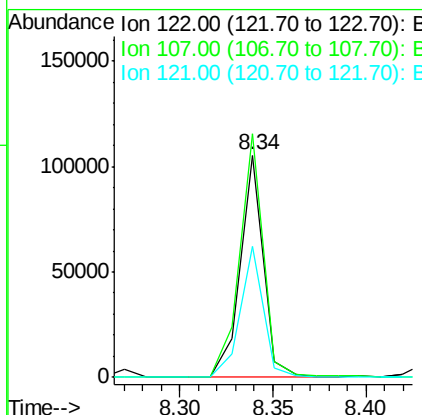
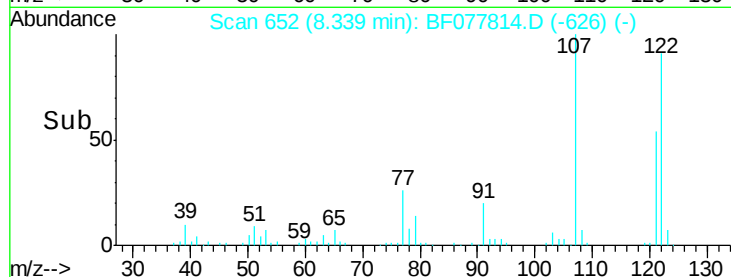
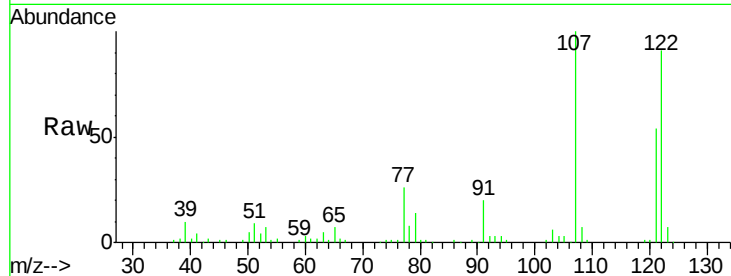
#27
 2,4-Dimethylphenol
 Concen: 42.76 ng
 RT: 8.34 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		91373		
107	109.5	84.7	127.1		
121	59.0	46.6	69.8		

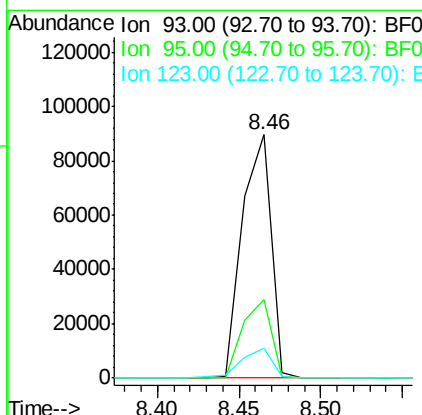
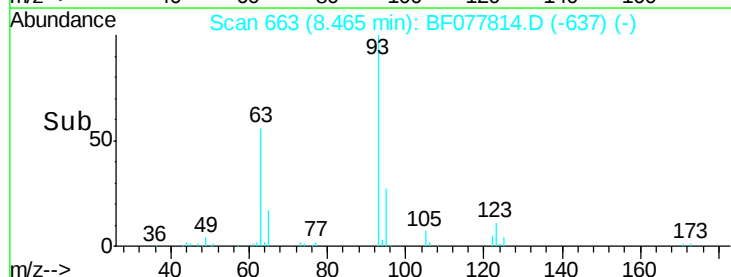
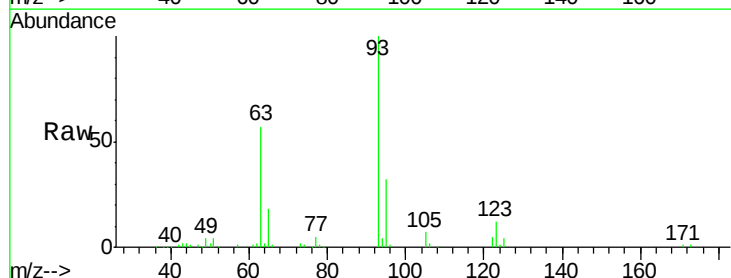
Manual Integrations
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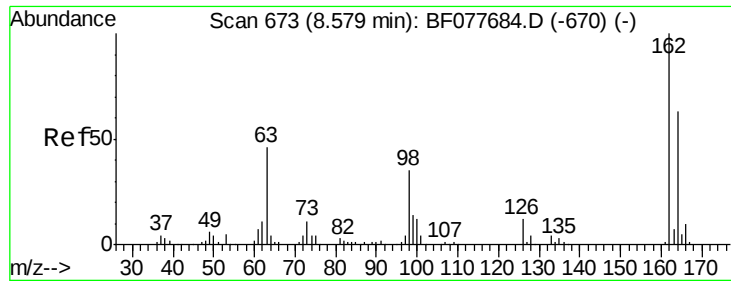
mohammad
 3/20/2015 1:48:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.18 ng
 RT: 8.46 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		109552		
95	32.5	25.5	38.3		
123	12.5	8.6	13.0		





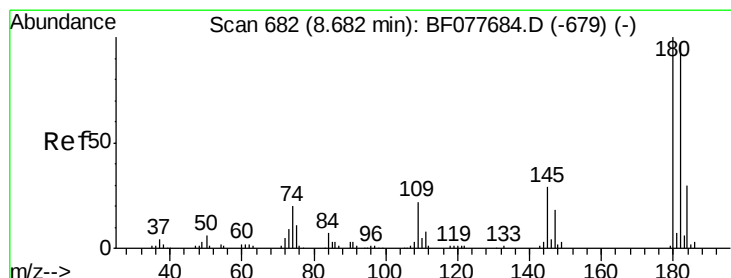
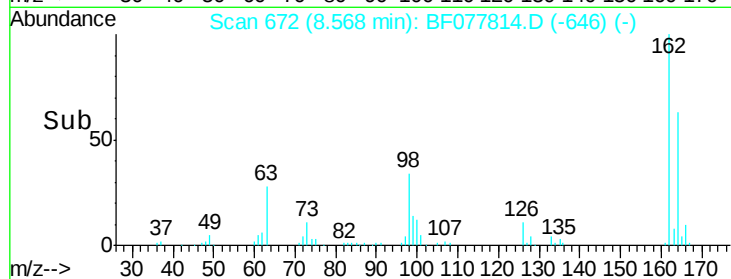
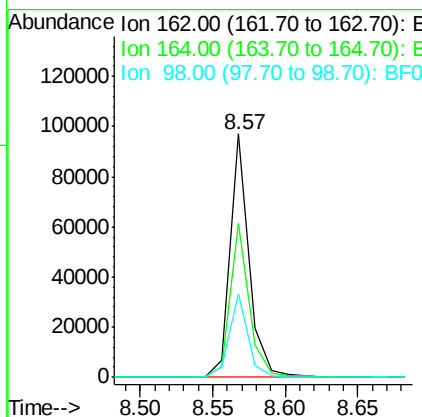
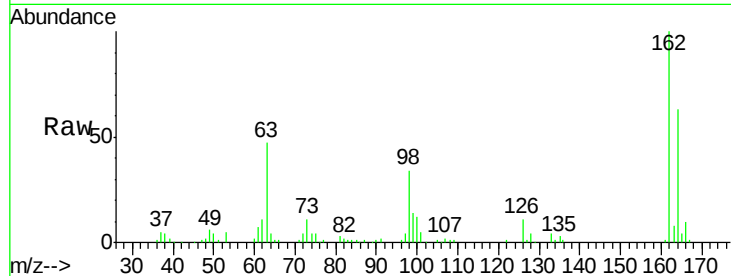
#29
2,4-Dichlorophenol
Concen: 43.11 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	42.8	82.8
98	34.5	14.5	54.5

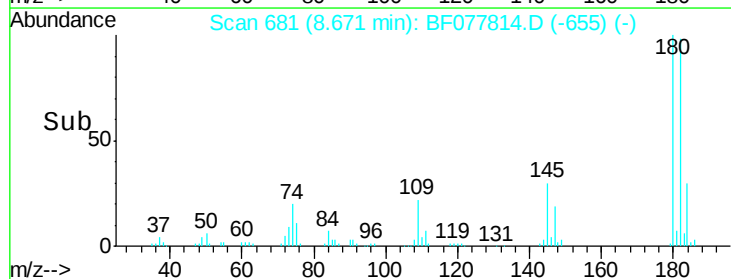
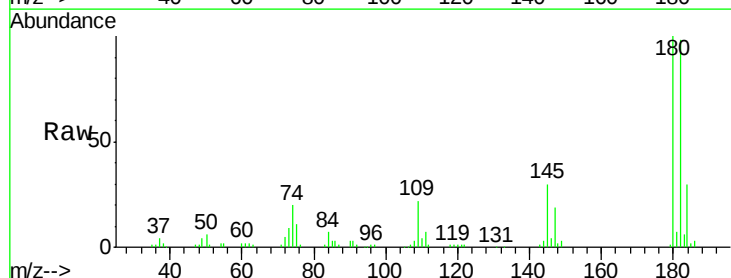
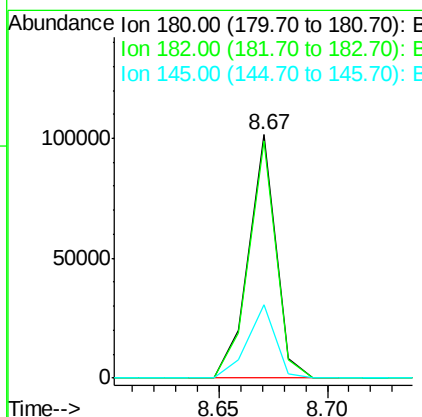
Manual Integrations
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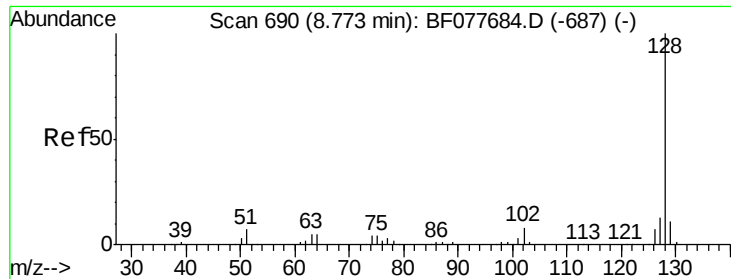
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.09 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.6	77.6	116.4
145	29.9	23.4	35.2





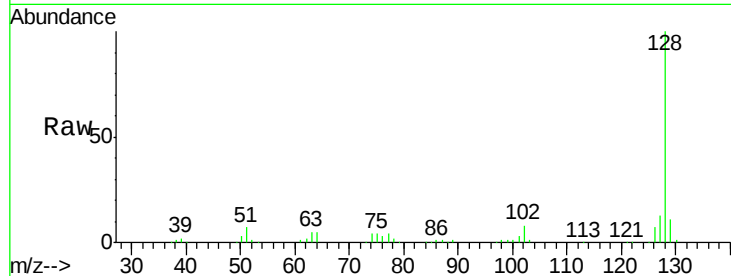
#31
Naphthalene
Concen: 39.46 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

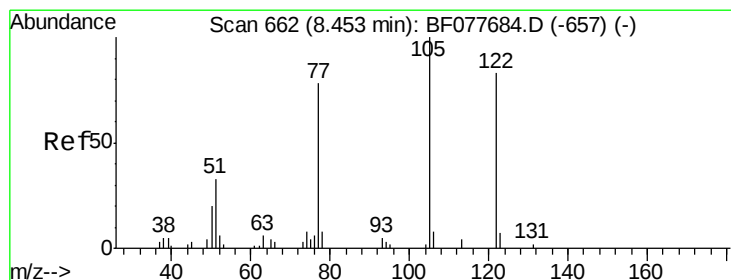
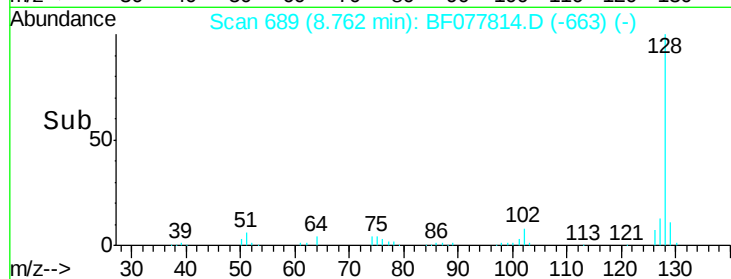
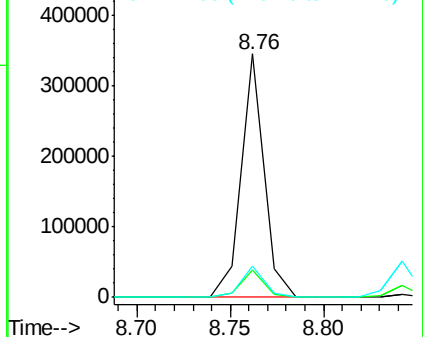
Tot Ion	Ratio	Resp	Lower	Upper
128	100	295427		
129	11.0		8.9	13.3
127	12.9		10.4	15.6

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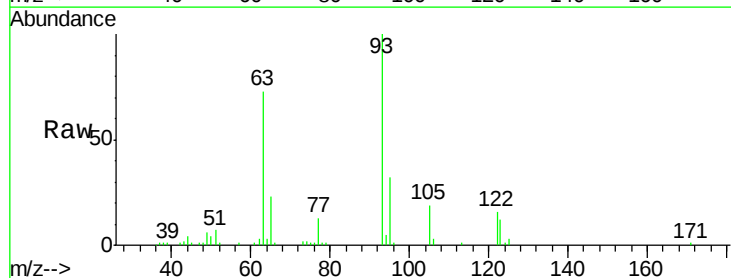


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

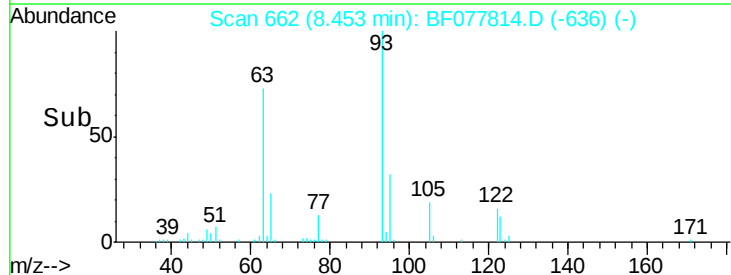
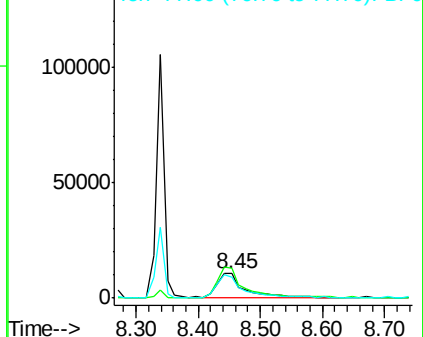


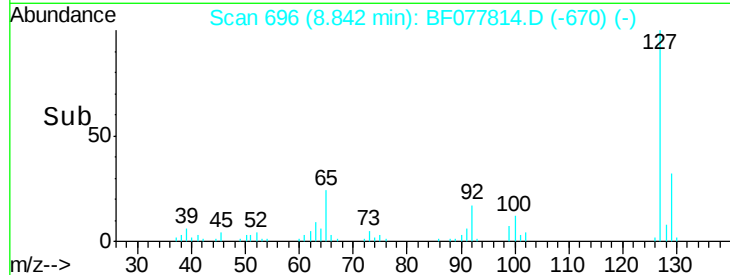
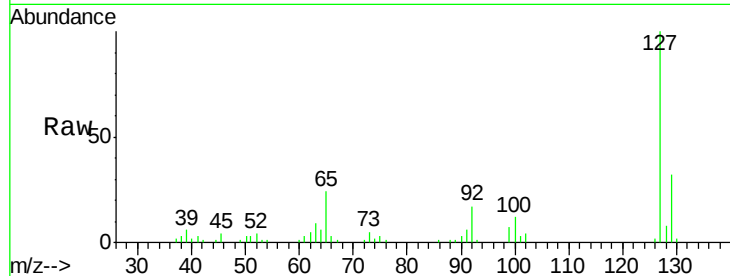
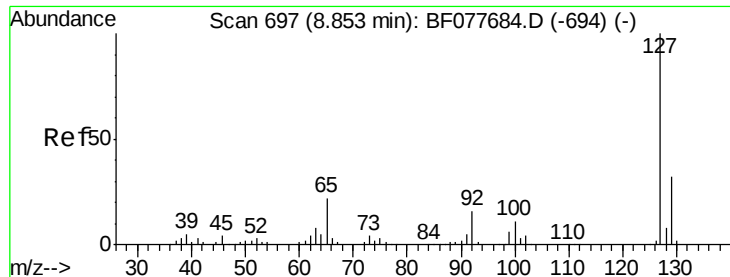
#32
Benzoic acid
Concen: 29.77 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33985		
105	119.9		99.9	139.9
77	82.9		73.7	113.7



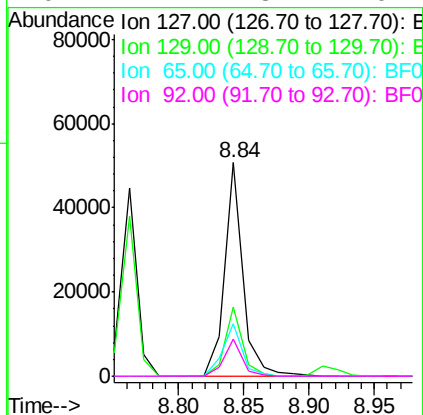
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 16.39 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

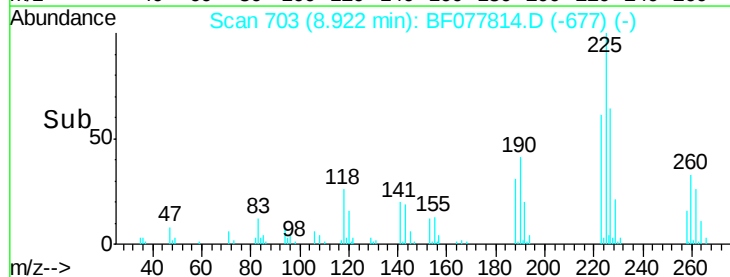
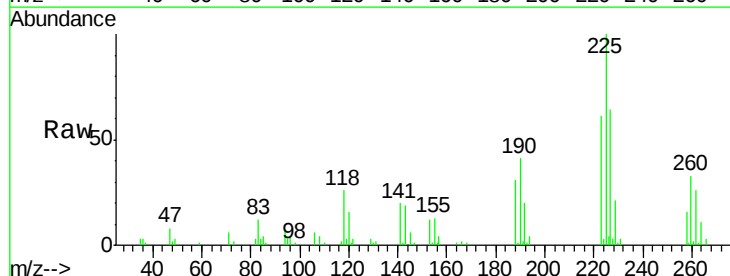
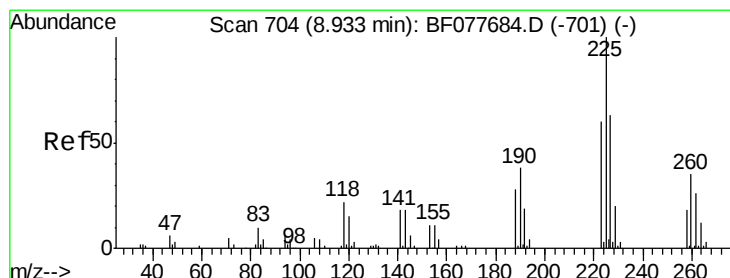
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.3	37.9		
65	24.3	17.6	26.4		
92	17.2	13.1	19.7		



Instrument :
BNA_F
ClientSampleId :
PB82167BS

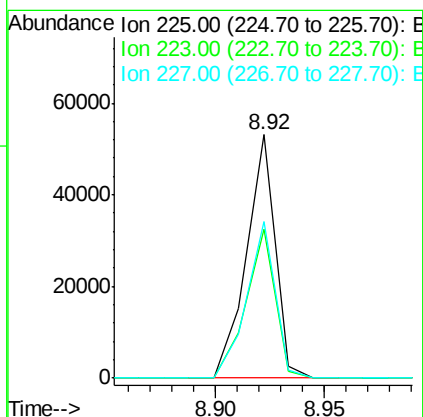
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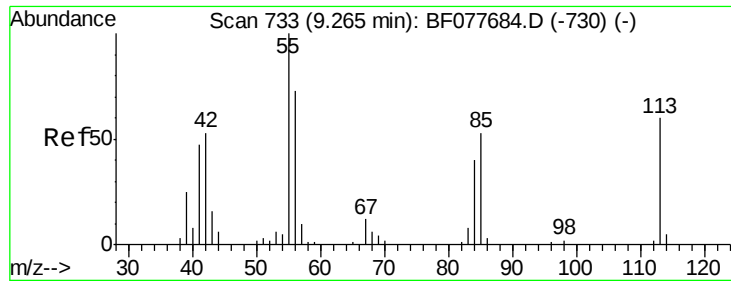
mohammad
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#34
Hexachlorobutadiene
Concen: 37.61 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	47.9	71.9		
227	64.1	50.1	75.1		





#35

Caprolactam

Concen: 43.91 ng

RT: 9.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

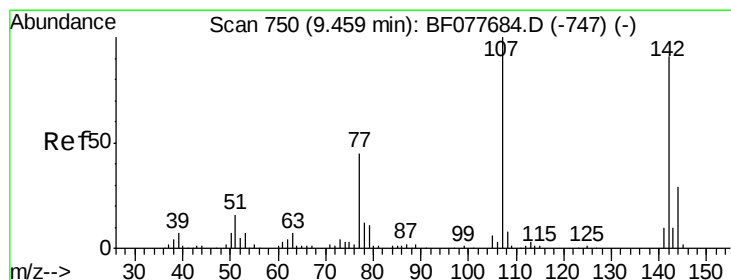
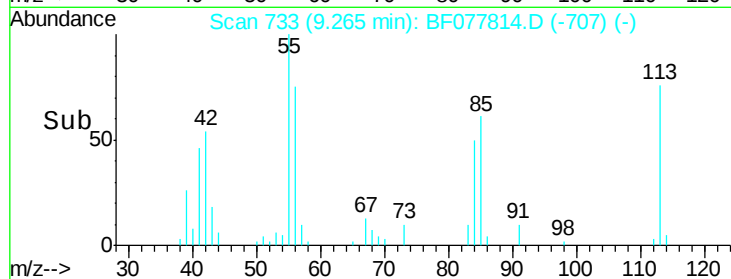
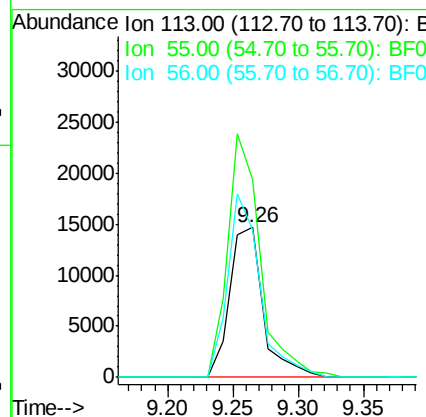
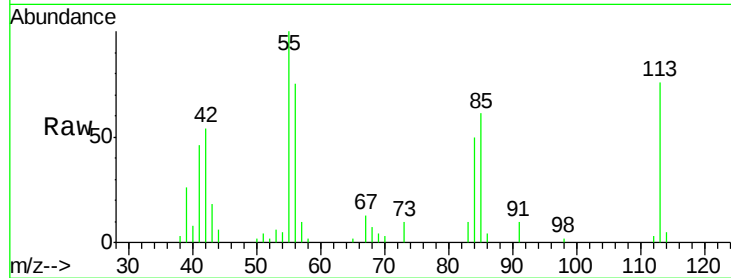
ClientSampleId :

PB82167BS

Tot Ion:	113	Resp:	26138
Ion Ratio	Lower	Upper	
113	100		
55	132.1	145.9	185.9#
56	98.5	101.0	141.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 43.07 ng

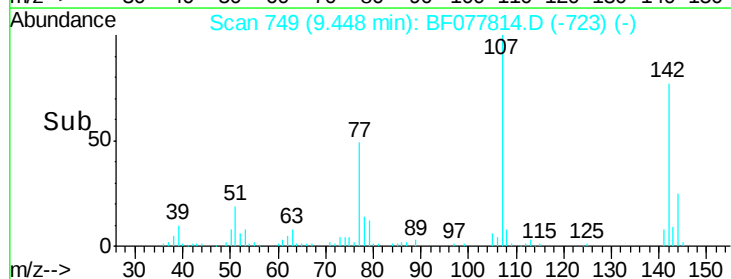
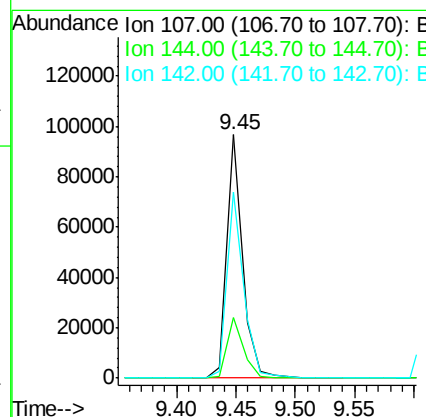
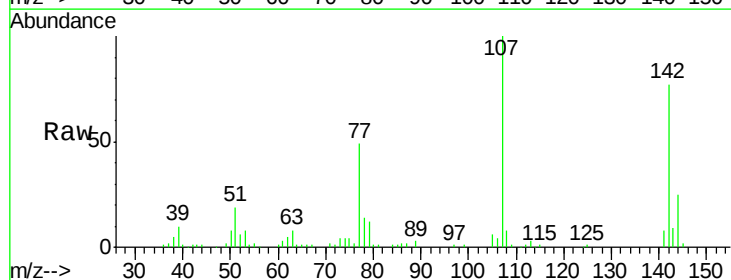
RT: 9.45 min Scan# 749

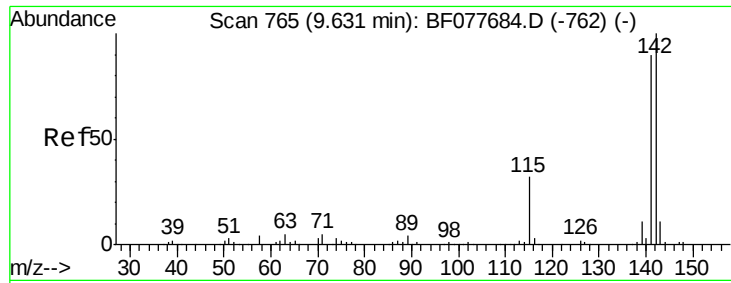
Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion:	107	Resp:	88276
Ion Ratio	Lower	Upper	
107	100		
144	24.7	23.3	34.9
142	76.7	72.6	109.0





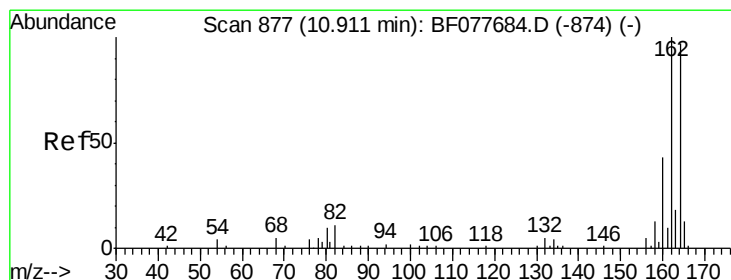
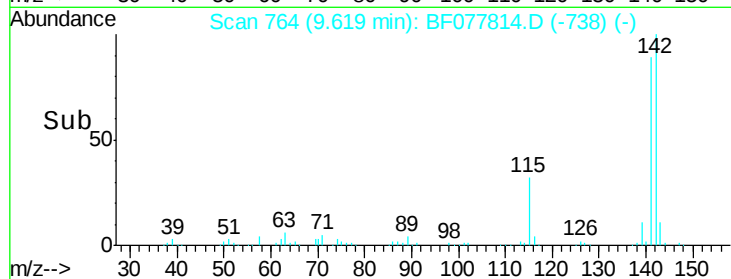
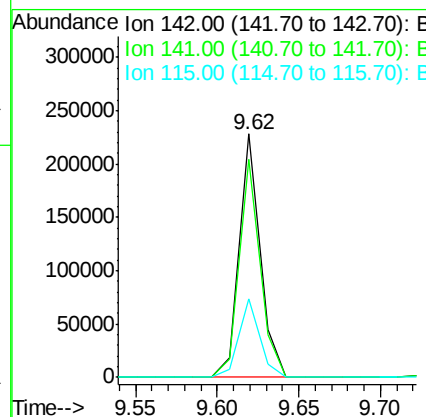
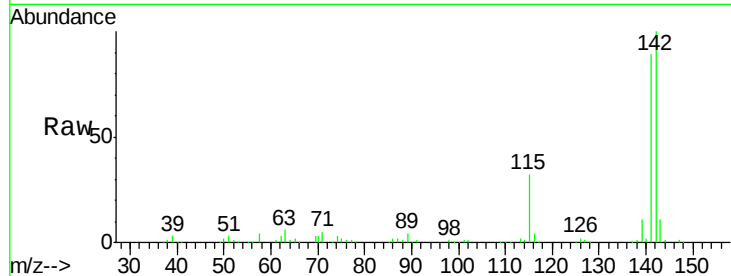
#37
2-Methylnaphthalene
Concen: 39.90 ng
RT: 9.62 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	32.3	25.4	38.0

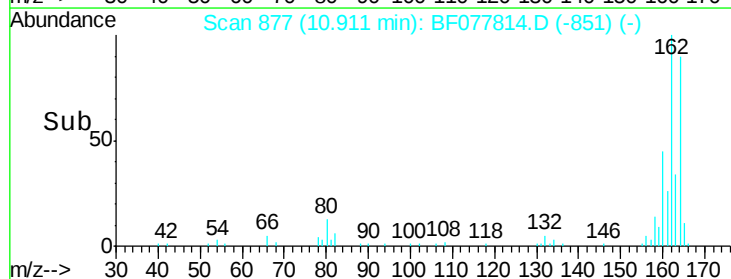
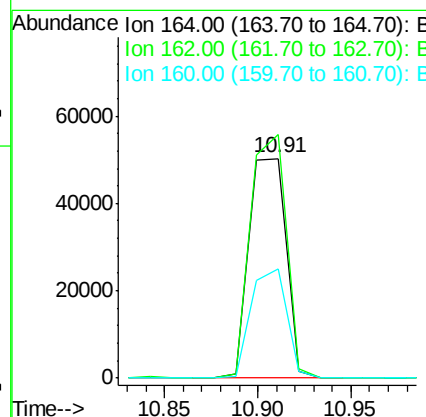
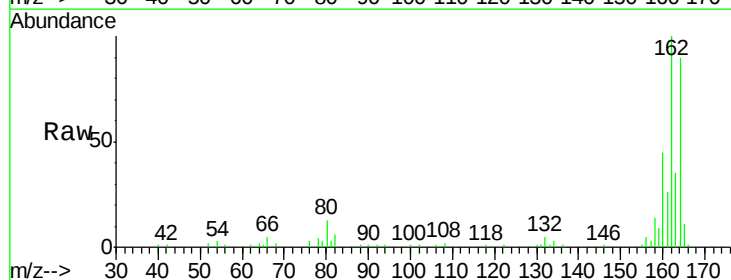
Manual Integrations
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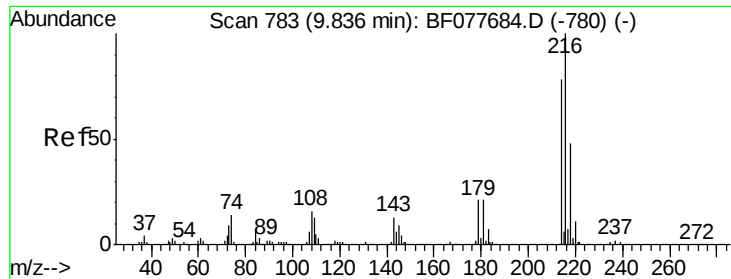
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.8	82.4	123.6
160	49.4	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.53 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077814.D

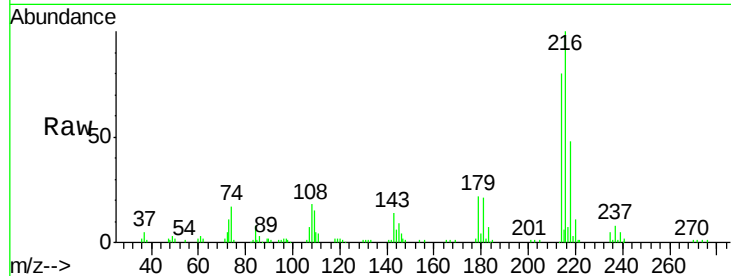
Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

ClientSampleId :

PB82167BS



Tot Ion:216 Resp: 85210

Ion Ratio Lower Upper

216 100

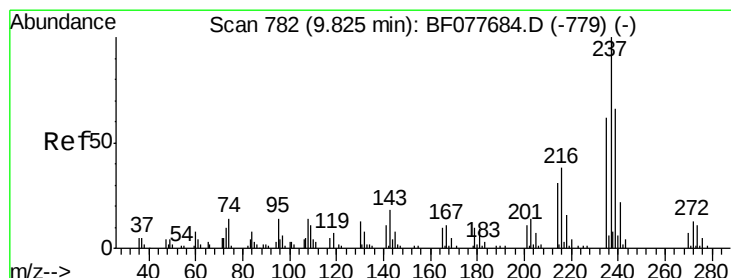
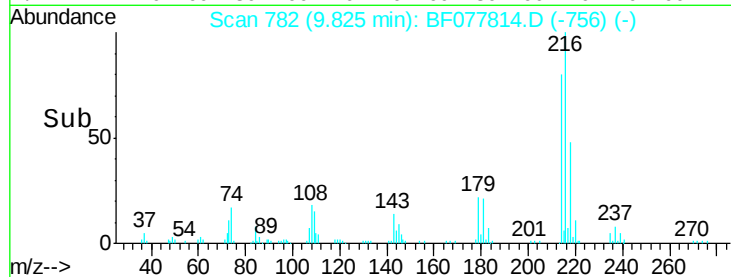
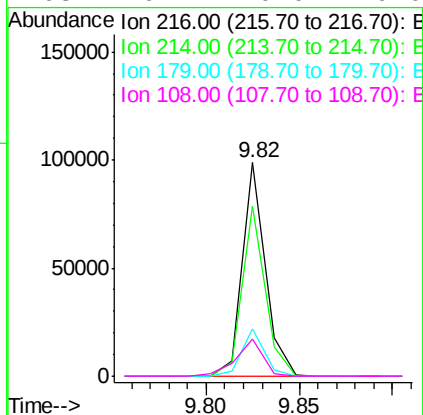
214 79.9 0.0 0.0#

179 22.2 0.0 0.0#

108 20.7 0.0 0.0#

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#40

Hexachlorocyclopentadiene

Concen: 78.17 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

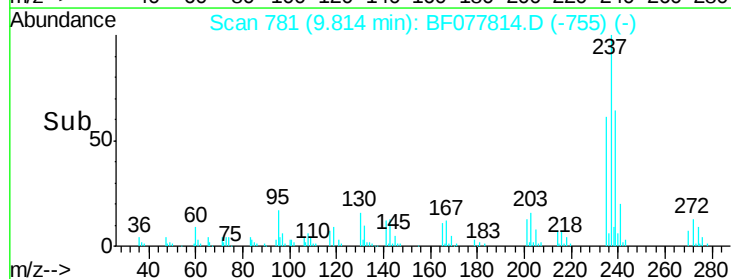
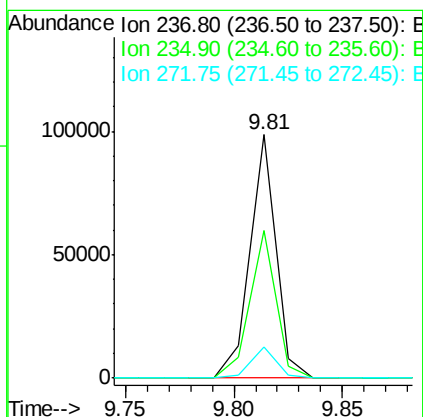
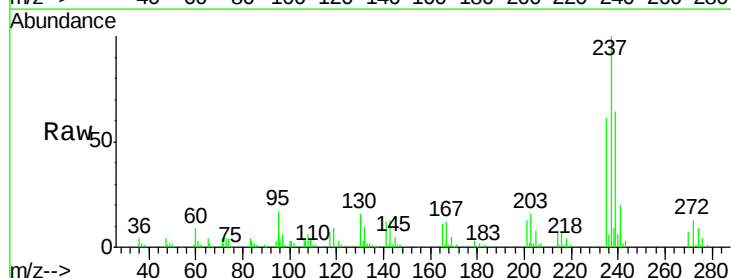
Tgt Ion:237 Resp: 82189

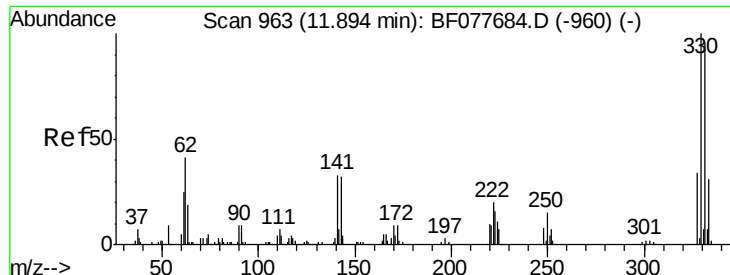
Ion Ratio Lower Upper

237 100

235 60.9 42.0 82.0

272 12.6 0.0 33.4





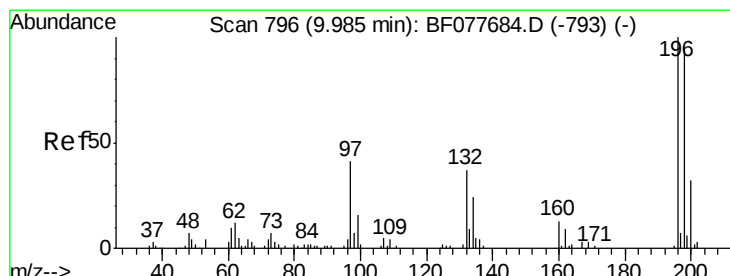
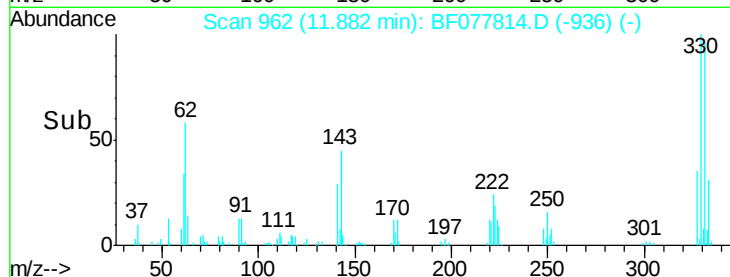
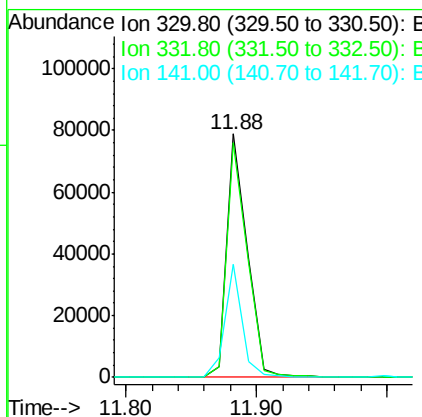
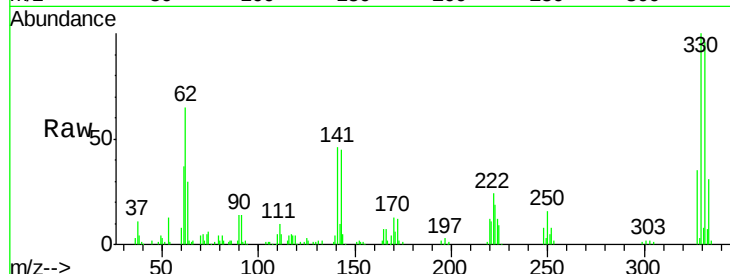
#41
 2,4,6-Tribromophenol
 Concen: 127.14 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleID :
 PB82167BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	39.1	0.0	0.0#

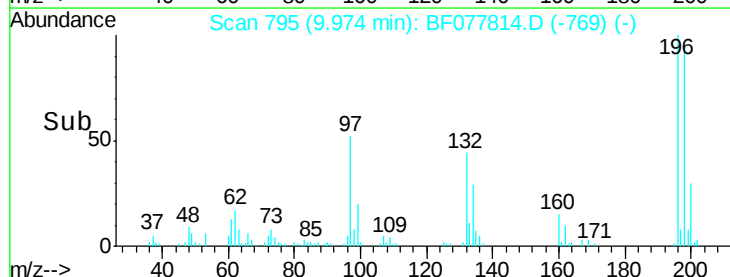
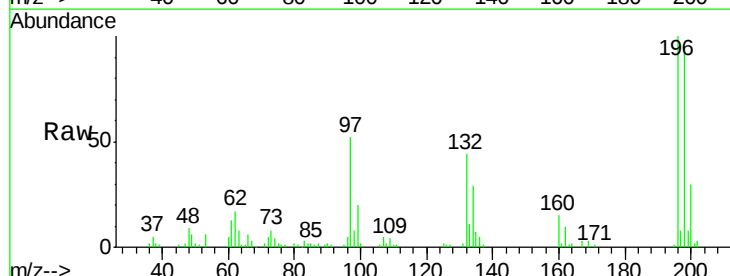
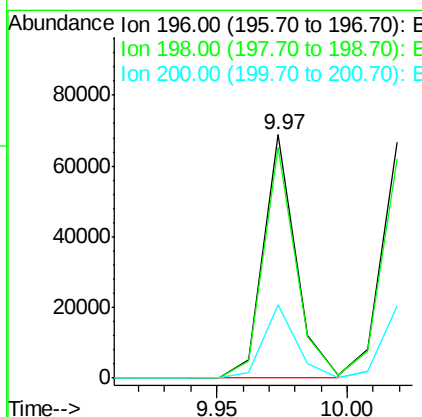
Manual Integrations
 APPROVED

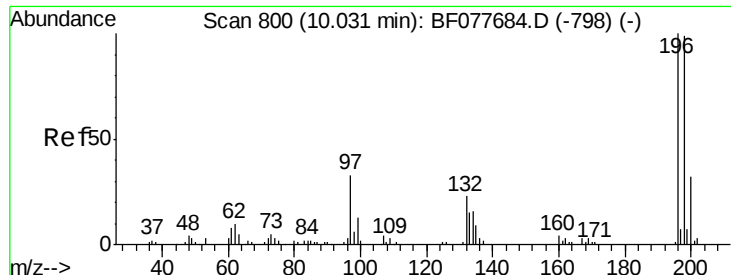
mohammad
 3/20/2015 1:48:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.02 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.8	76.3	114.5
200	30.3	25.6	38.4





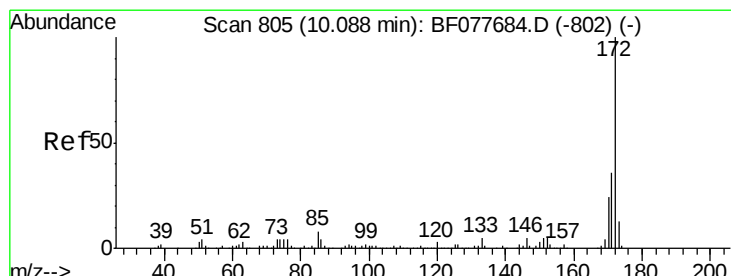
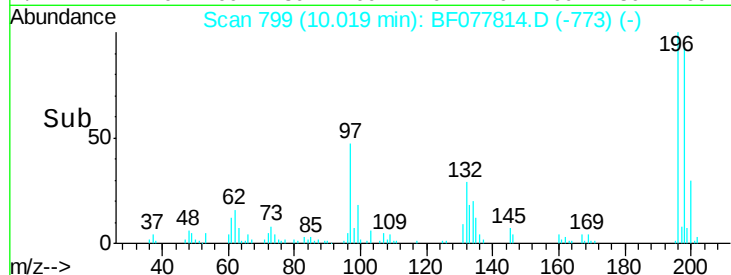
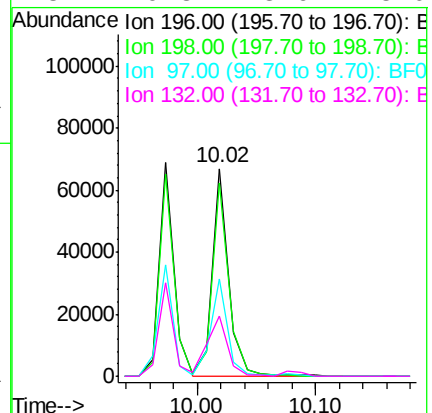
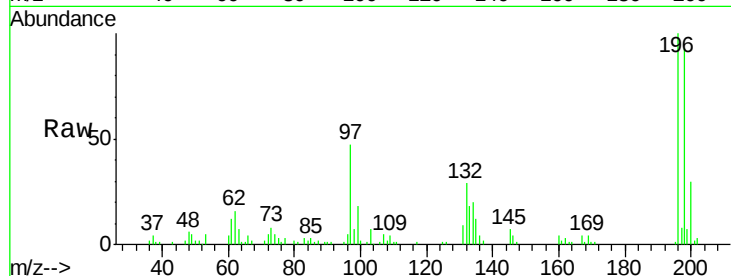
#43
 2,4,5-Trichlorophenol
 Concen: 41.03 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64557		
198	92.9	79.4	119.0	
97	47.1	26.8	40.2	#
132	29.3	18.6	28.0	#

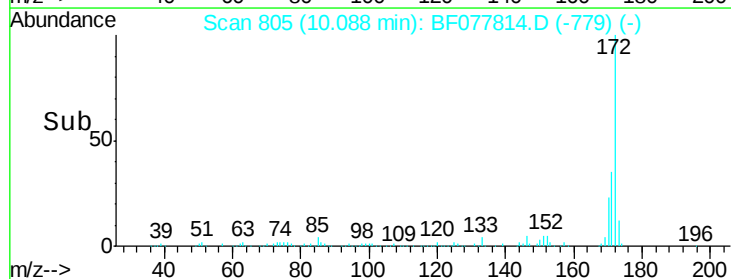
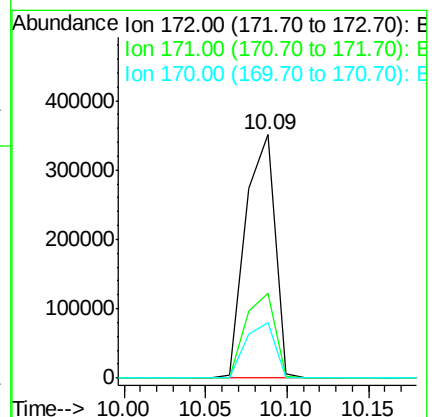
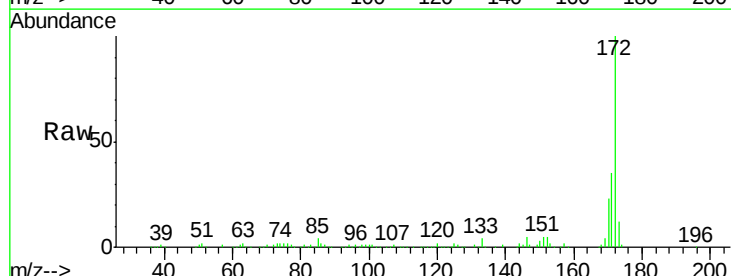
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 90.80 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	435465		
171	34.7	28.5	42.7	
170	22.8	18.8	28.2	





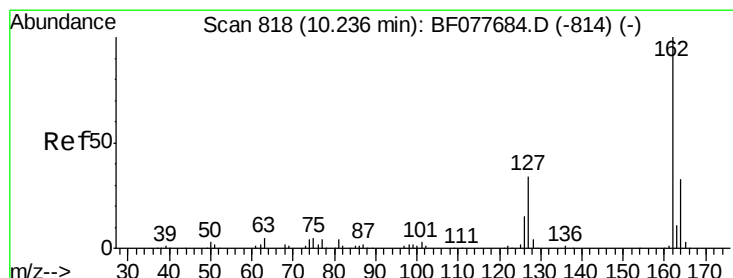
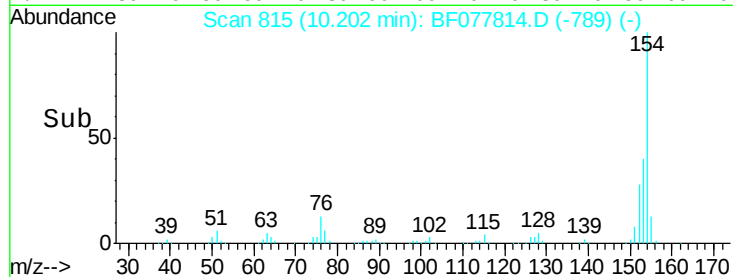
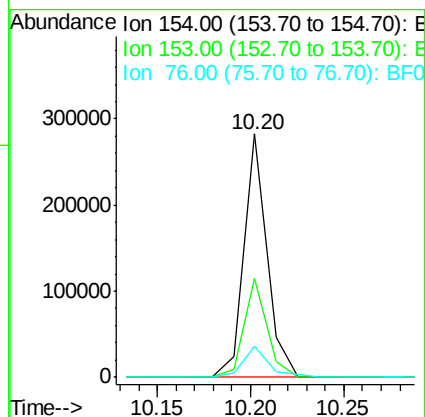
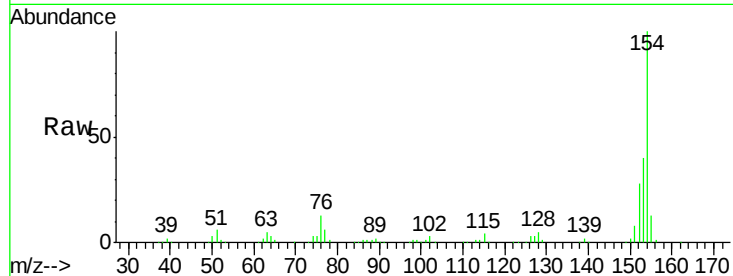
#45
1,1'-Biphenyl
Concen: 43.20 ng
RT: 10.20 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	20.7	60.7	
76	12.6	0.0	30.9	

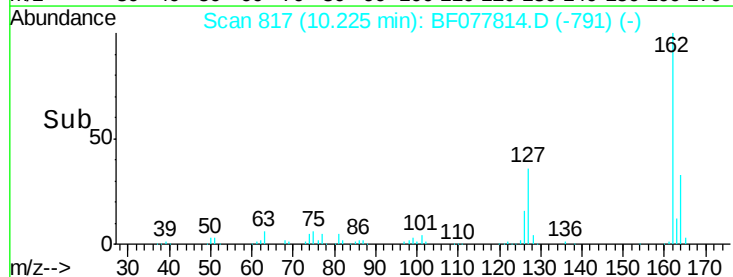
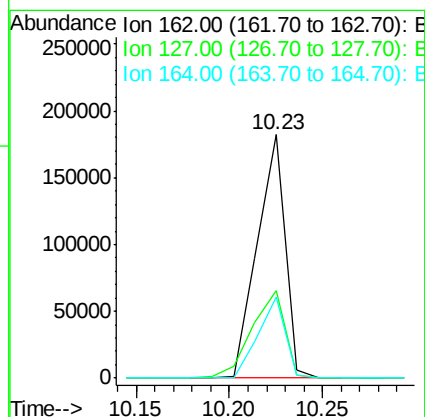
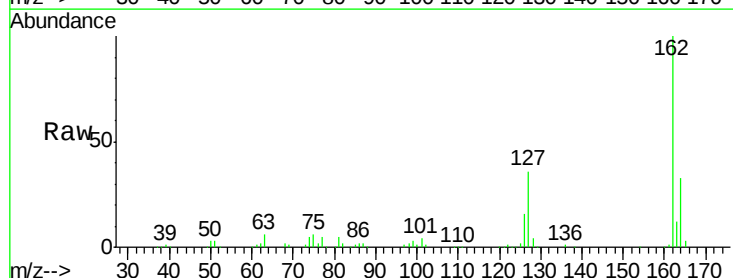
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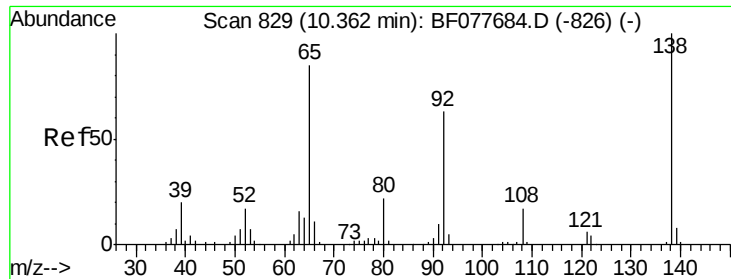
mohammad
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#46
2-Chloronaphthalene
Concen: 41.84 ng
RT: 10.23 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.2	26.9	40.3	
164	33.3	26.8	40.2	





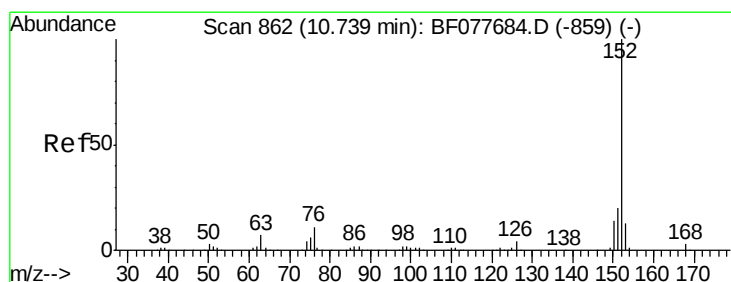
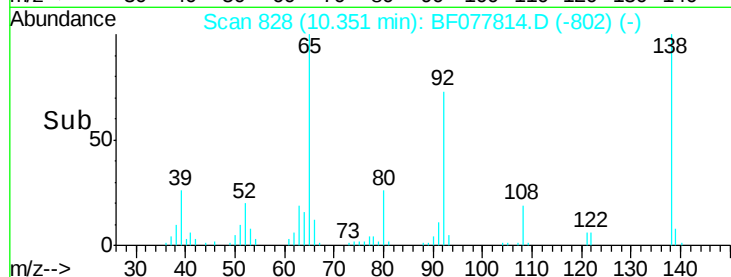
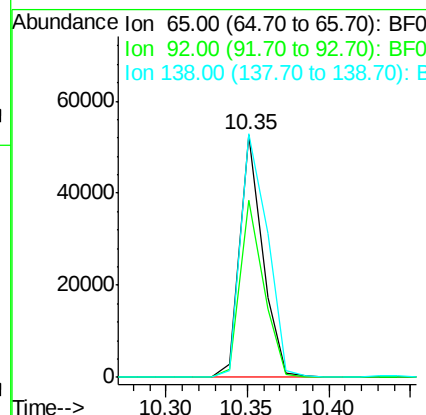
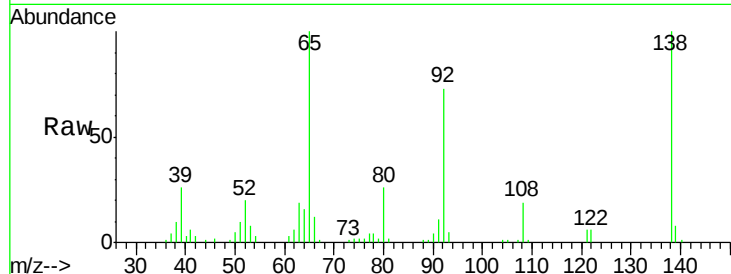
#47
2-Nitroaniline
Concen: 44.57 ng
RT: 10.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	59.1	88.7
138	100.3	93.9	140.9

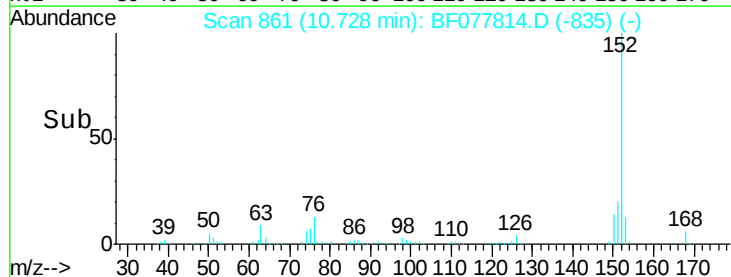
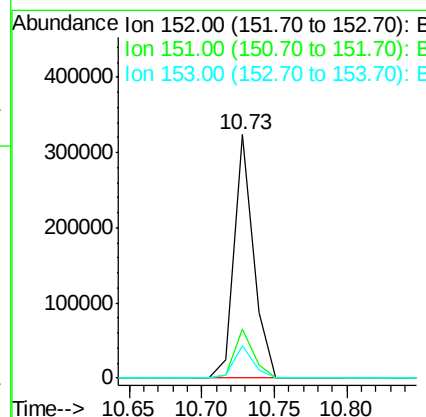
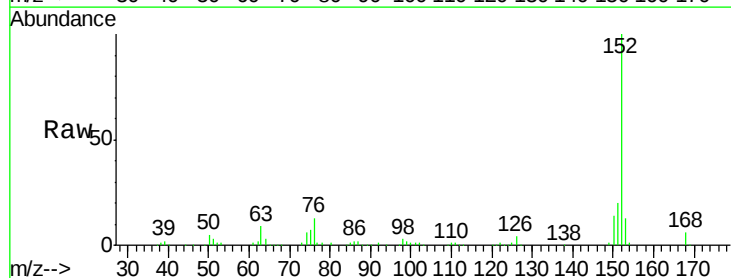
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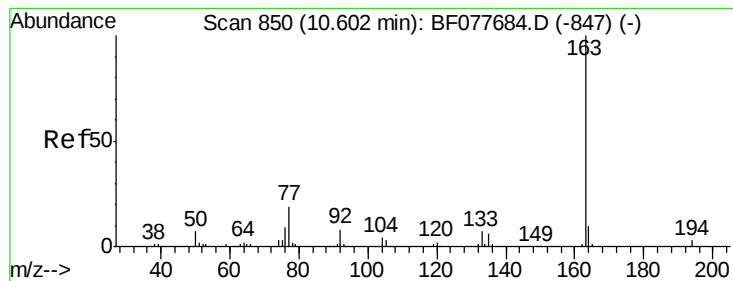
mohammad
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#48
Acenaphthylene
Concen: 39.33 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.4	10.6	16.0





#49

Dimethylphthalate

Concen: 41.59 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

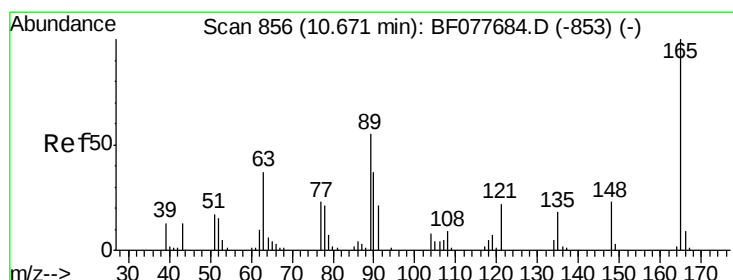
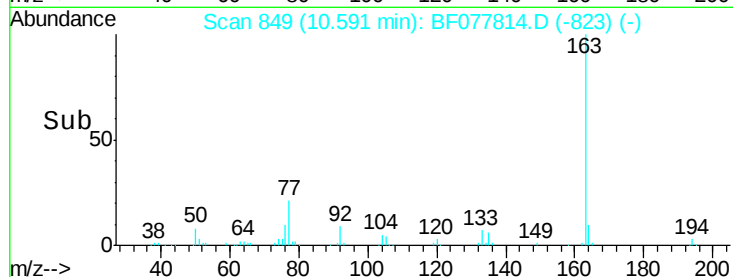
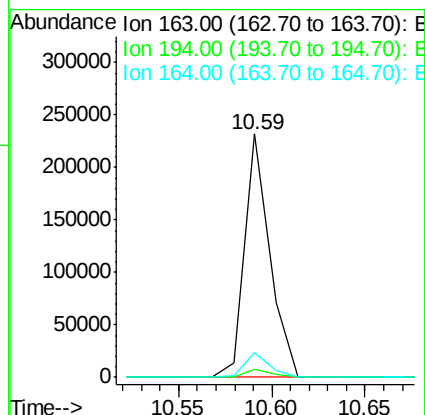
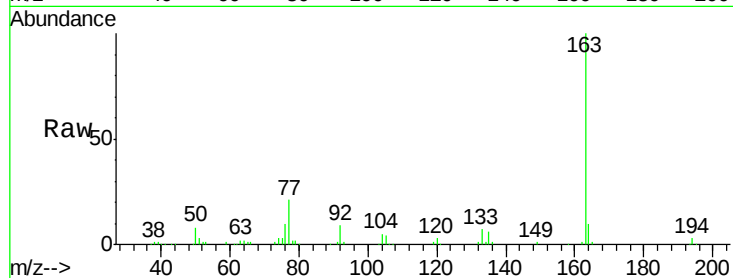
ClientSampleId :

PB82167BS

Tot Ion:	163	Resp:	217441
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 43.21 ng

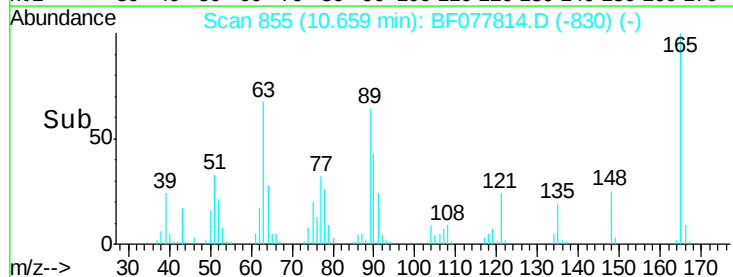
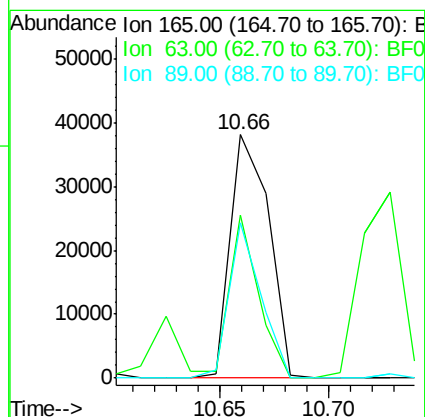
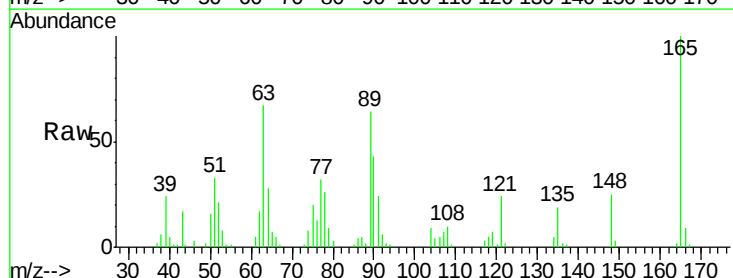
RT: 10.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion:	165	Resp:	46826
Ion Ratio	Lower	Upper	
165	100		
63	67.1	44.1	66.1#
89	63.7	44.3	66.5





#51

Acenaphthene

Concen: 41.24 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

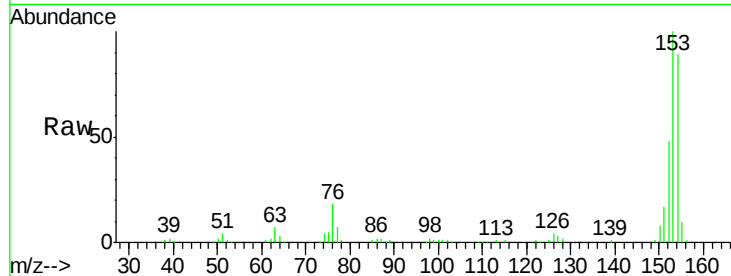
ClientSampleId :

PB82167BS

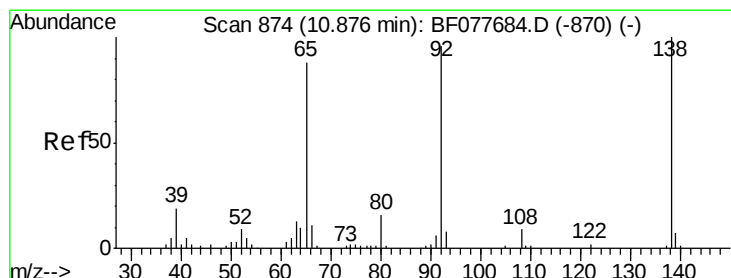
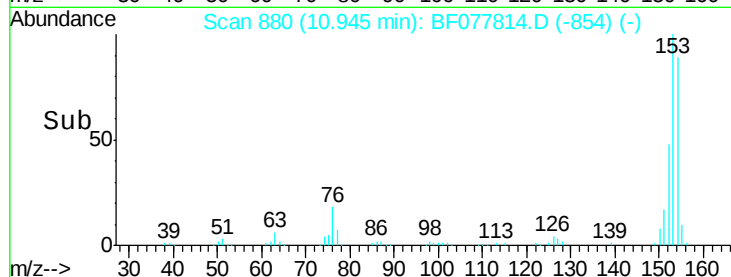
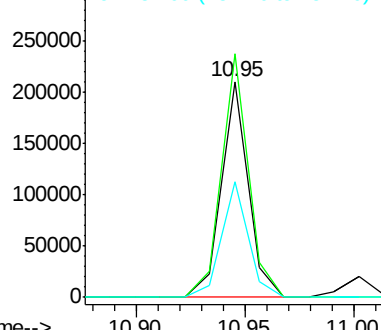
Tot Ion:	154	Resp:	180029
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.0	135.0
152	53.7	42.6	63.8

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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: 26.33 ng

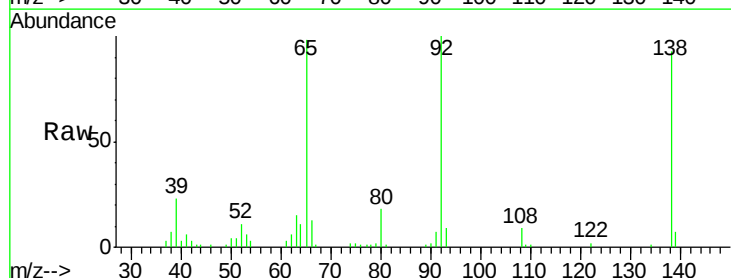
RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

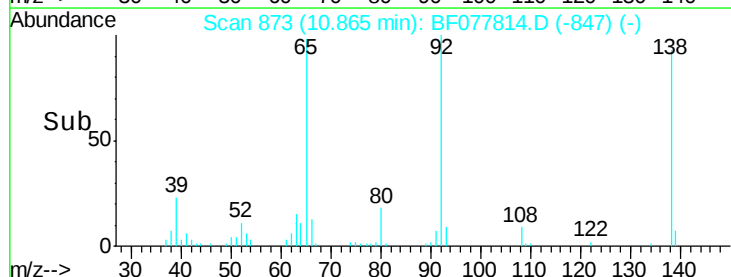
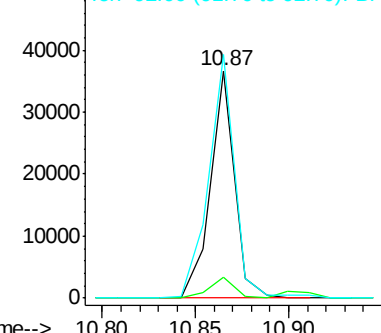
Lab File: BF077814.D

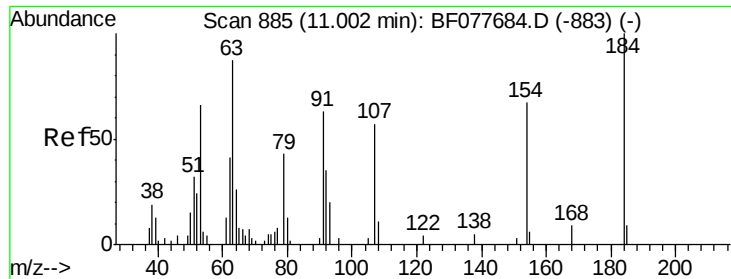
Acq: 19 Mar 2015 1:53

Tgt Ion:	138	Resp:	33135
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.3	10.9
92	107.0	76.6	114.8



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





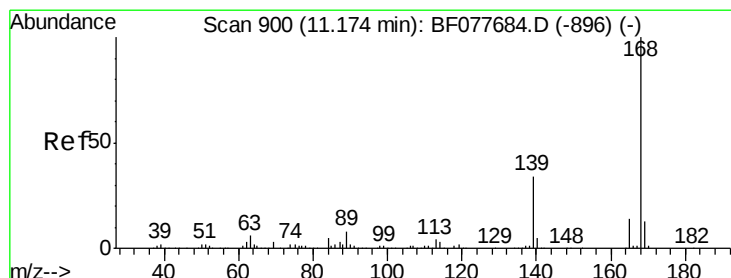
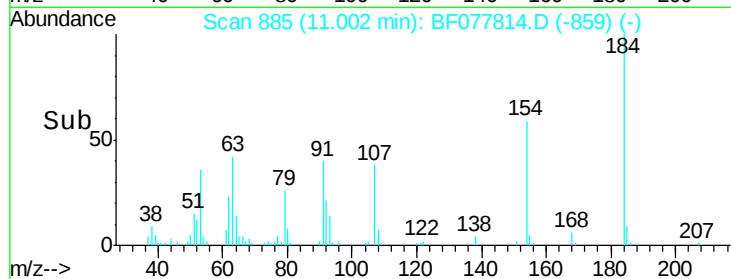
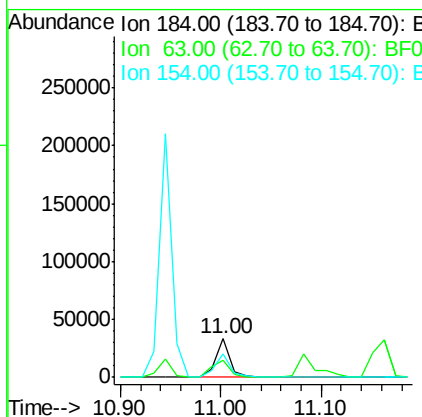
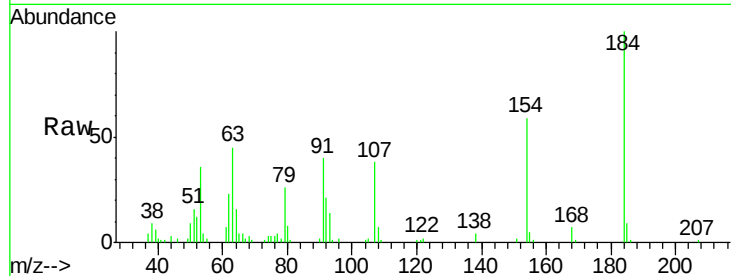
#53
2,4-Dinitrophenol
Concen: 84.53 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.1	69.2	103.8#
154	59.3	53.3	79.9

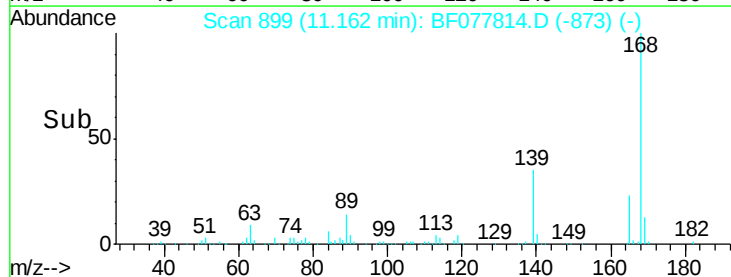
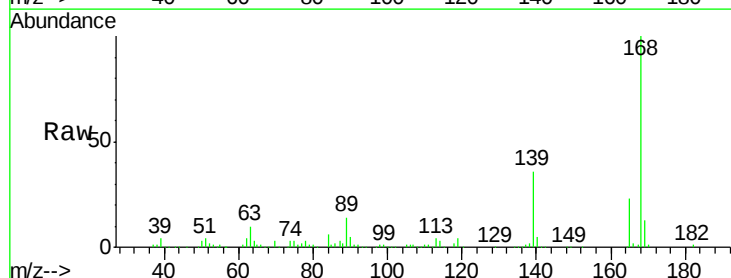
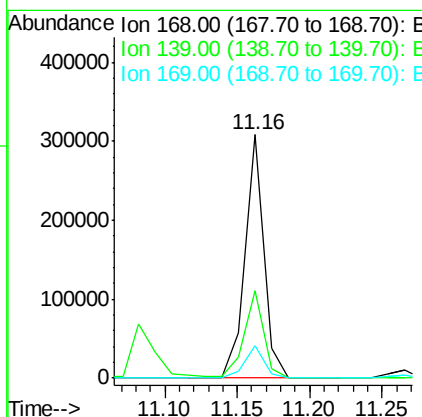
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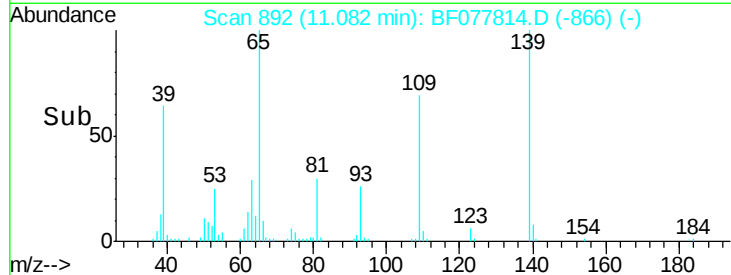
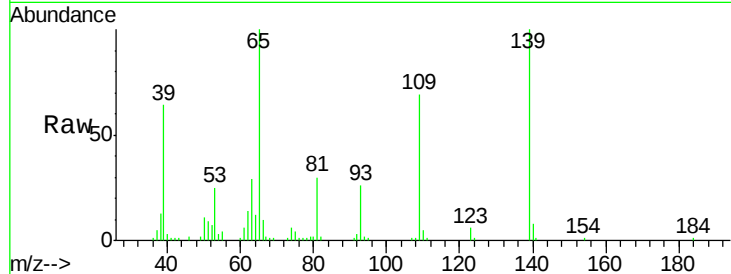
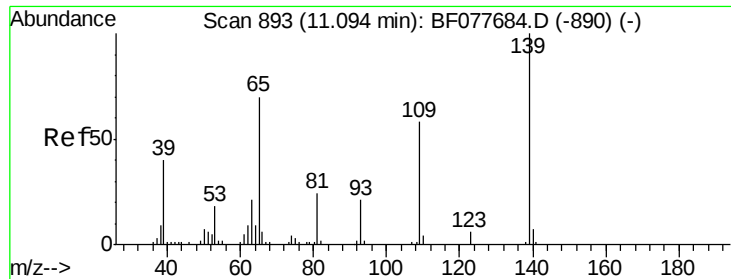
mohammad
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#54
Dibenzofuran
Concen: 42.86 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	27.3	40.9
169	13.2	10.6	16.0





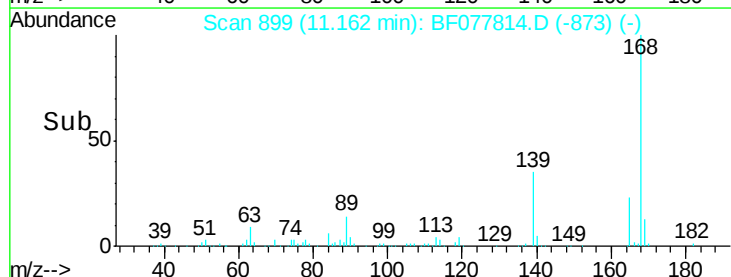
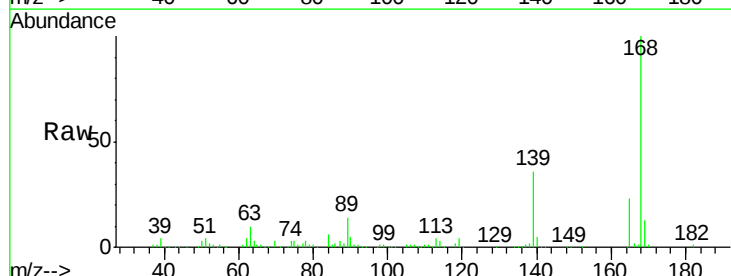
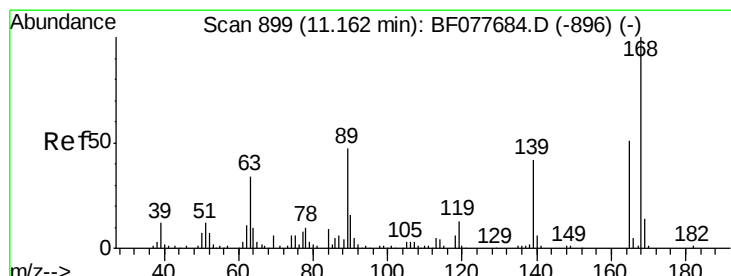
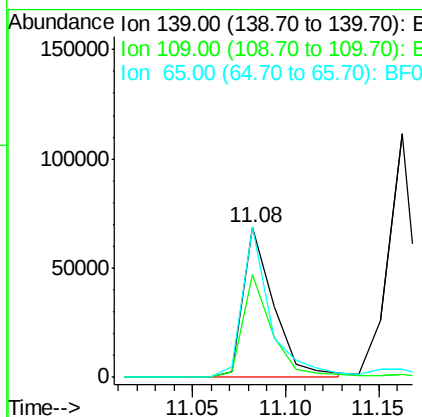
#55
4-Nitrophenol
Concen: 84.56 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.6	37.7	77.7	
65	100.2	49.9	89.9	

Instrument :
BNA_F
ClientSampleId :
PB82167BS

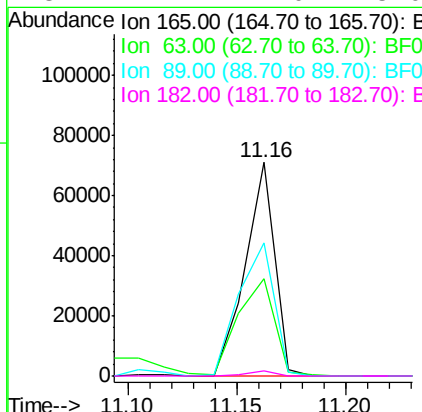
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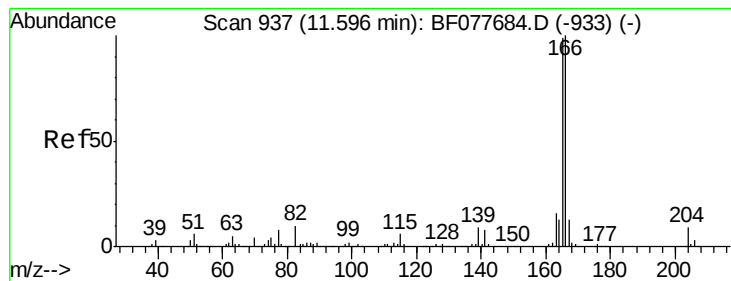
mohammad
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#56
2,4-Dinitrotoluene
Concen: 47.41 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.5	52.4	78.6	
89	62.2	72.4	108.6	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 42.19 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

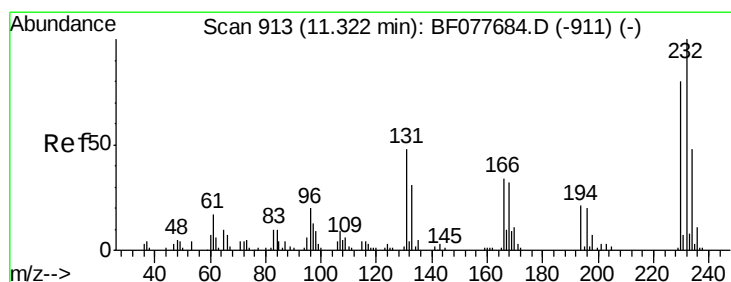
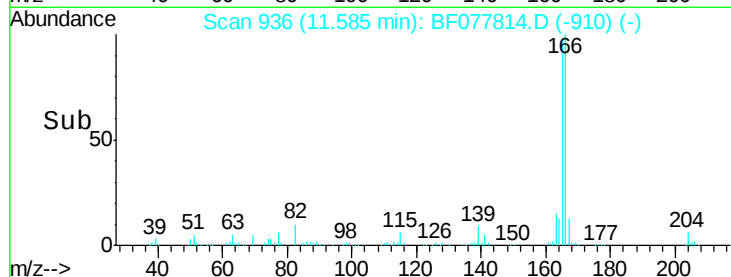
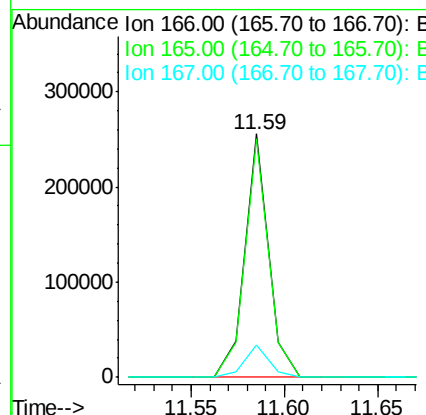
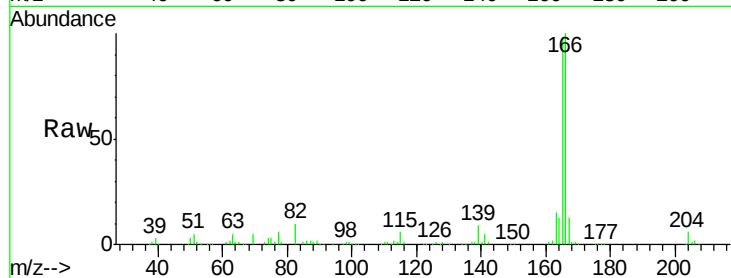
ClientSampleId :

PB82167BS

Tot Ion:	166	Resp:	226841
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.0	118.4
167	13.1	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.97 ng

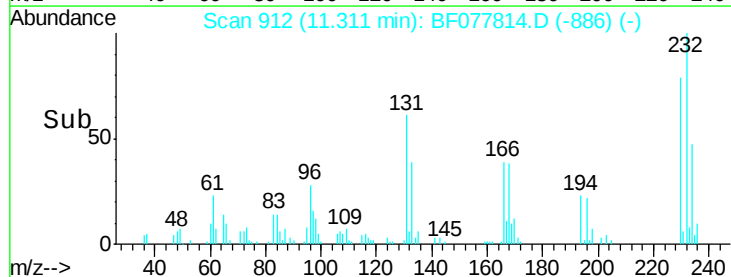
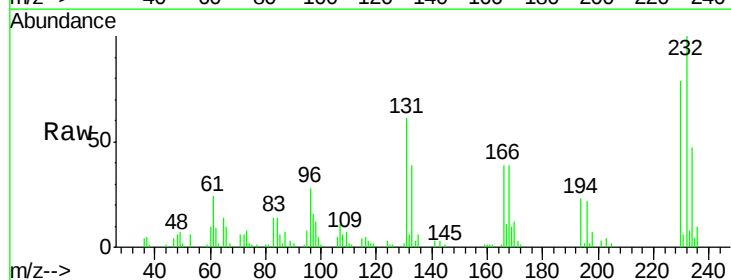
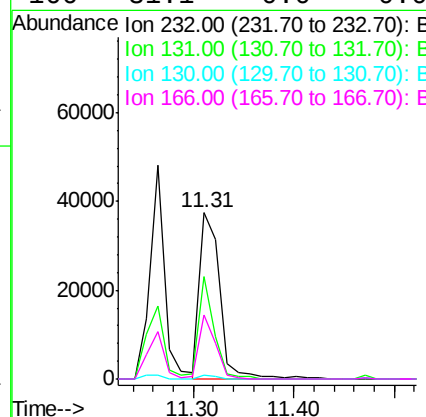
RT: 11.31 min Scan# 912

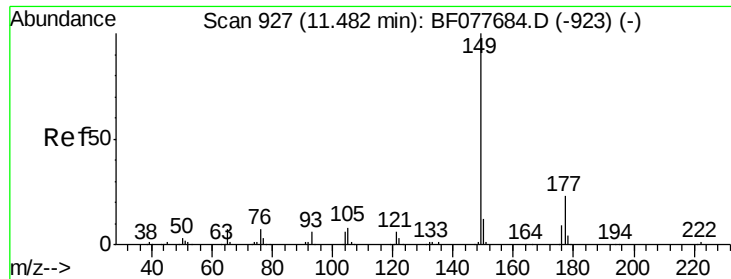
Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion:	232	Resp:	53265
Ion Ratio	Lower	Upper	
232	100		
131	46.6	0.0	0.0#
130	1.9	0.0	0.0#
166	31.1	0.0	0.0#





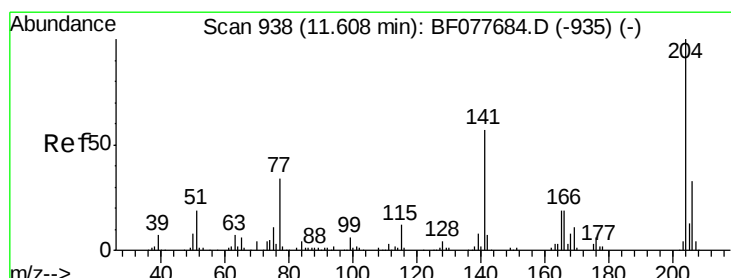
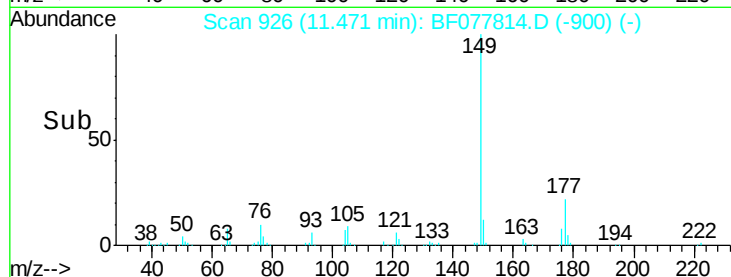
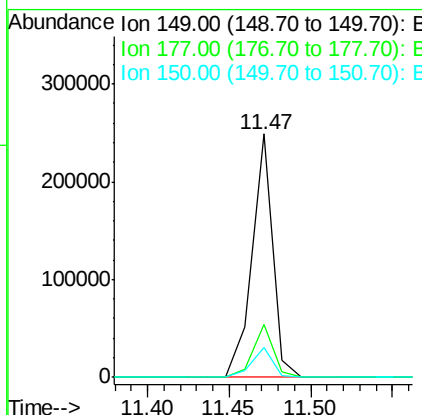
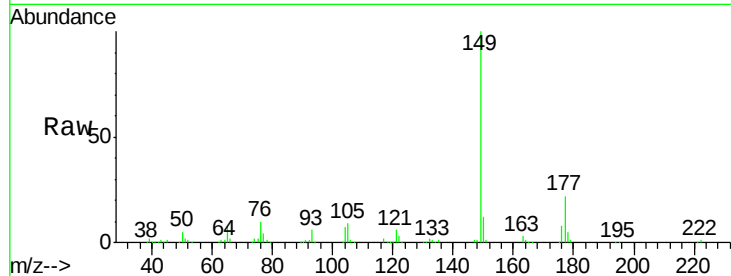
#59
Diethylphthalate
Concen: 42.86 ng
RT: 11.47 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	218305		
177	21.9	18.3	27.5	
150	12.4	9.8	14.8	

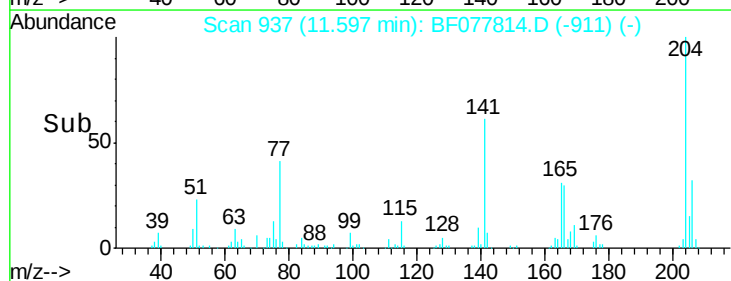
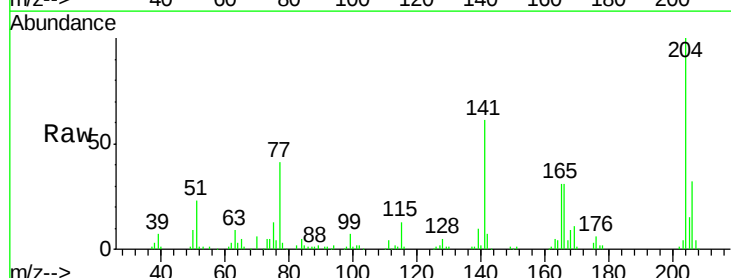
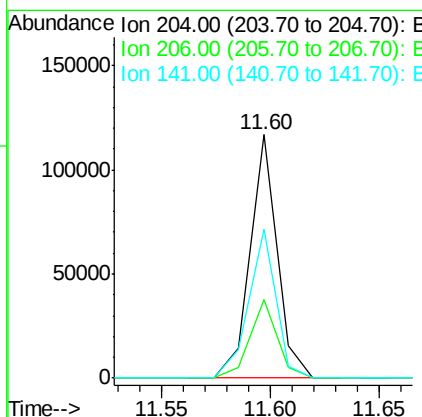
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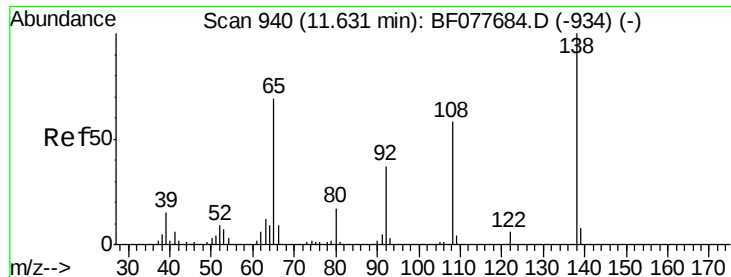
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#60
4-Chlorophenyl-phenylether
Concen: 41.06 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	100743		
206	32.0	26.6	39.8	
141	61.1	45.2	67.8	





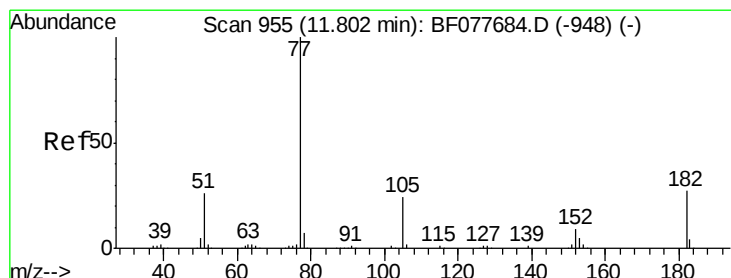
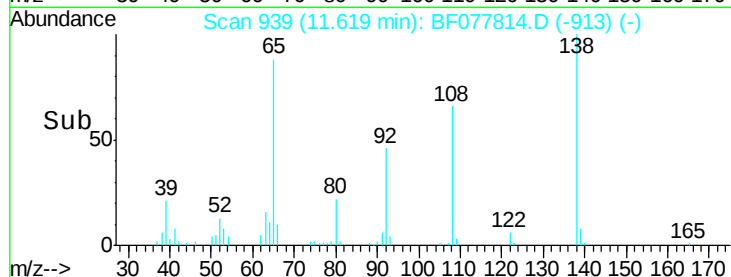
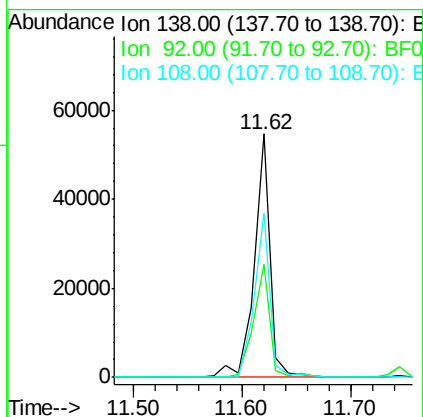
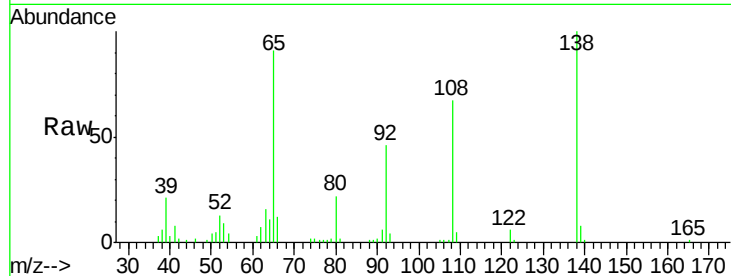
#61
4-Nitroaniline
Concen: 44.08 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	16.7	56.7
108	67.5	37.6	77.6

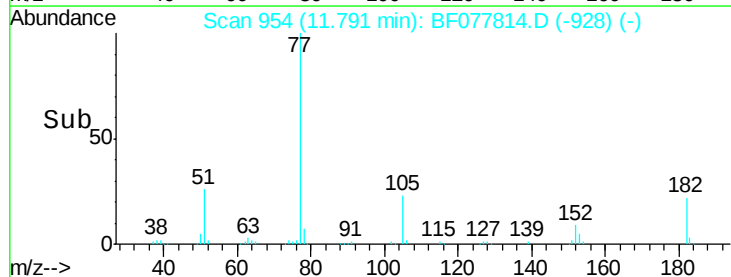
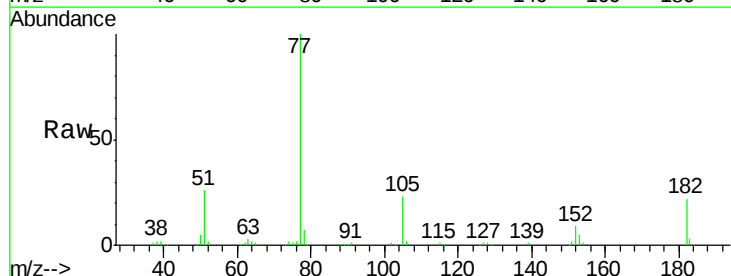
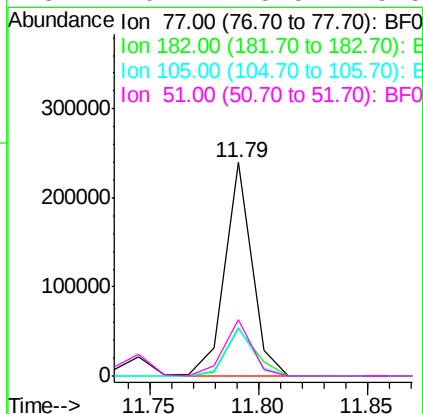
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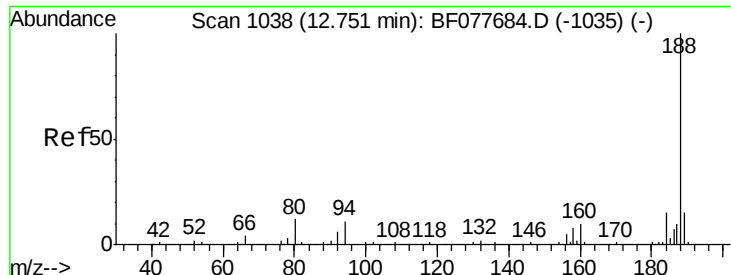
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#62
Azobenzene
Concen: 42.56 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	6.5	46.5
105	22.7	3.8	43.8
51	26.4	5.5	45.5





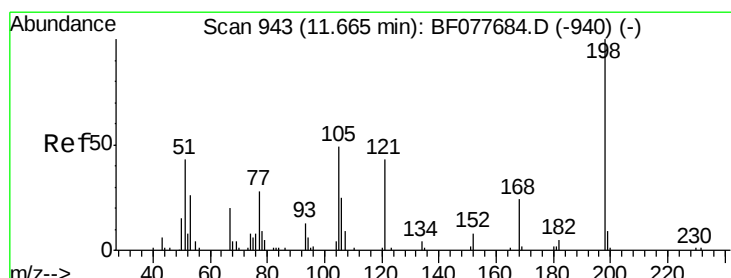
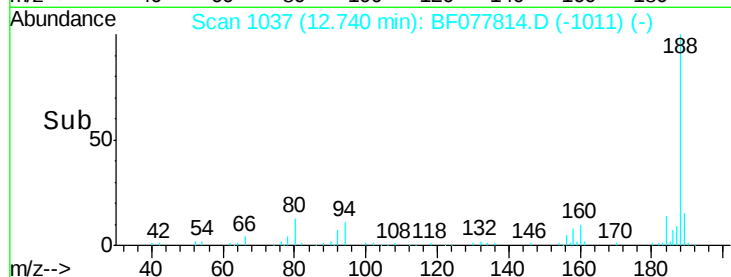
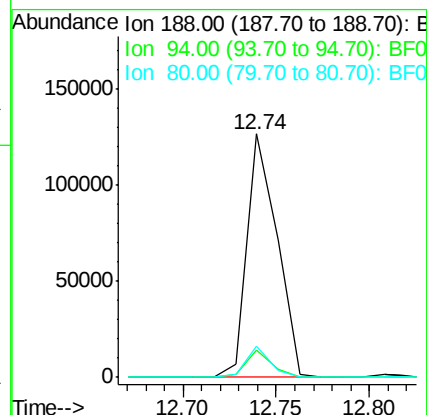
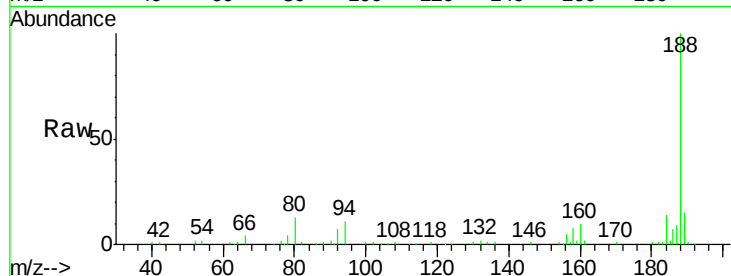
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.4	8.7	13.1
80	12.7	9.3	13.9

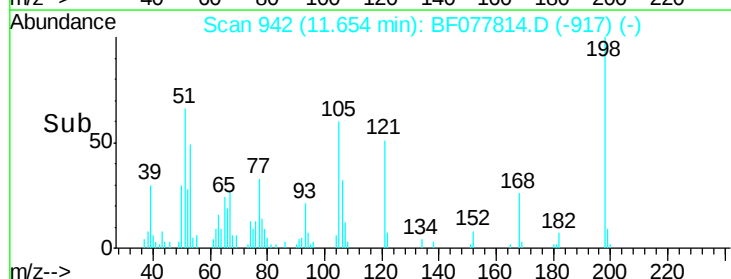
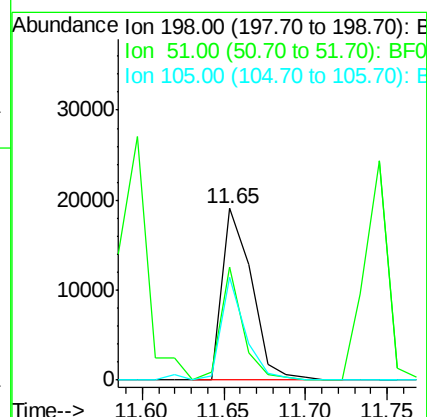
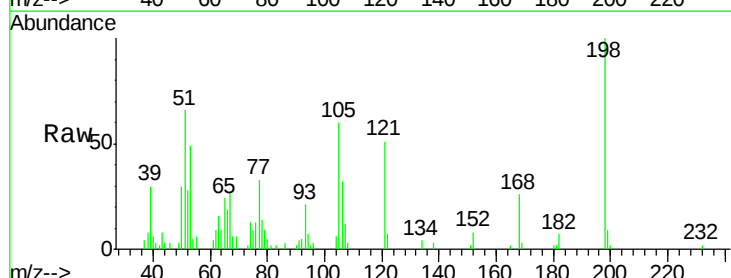
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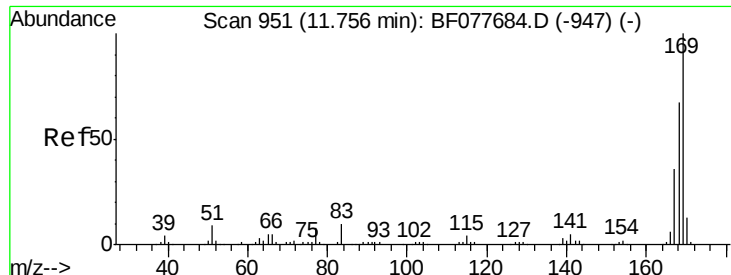
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.52 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	66.0	28.8	68.8
105	59.8	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 41.61 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

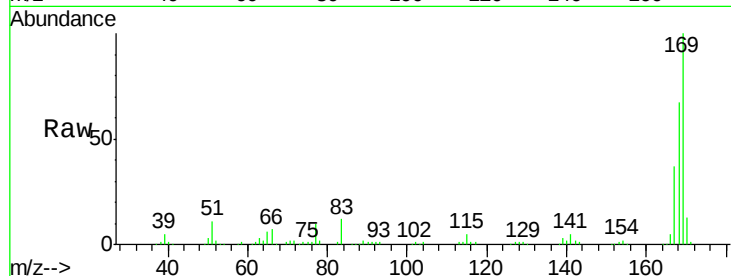
ClientSampleId :

PB82167BS

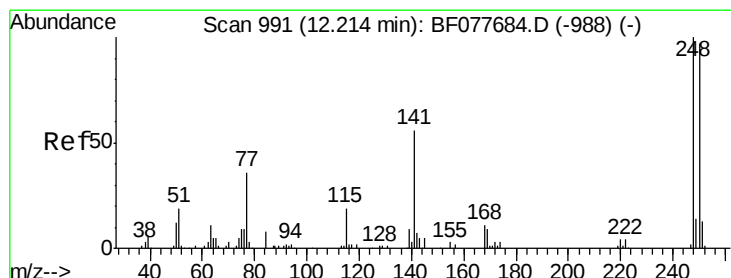
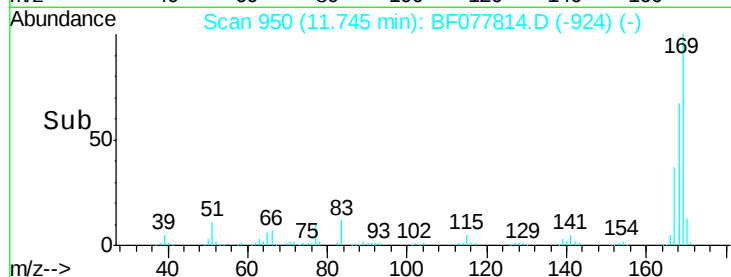
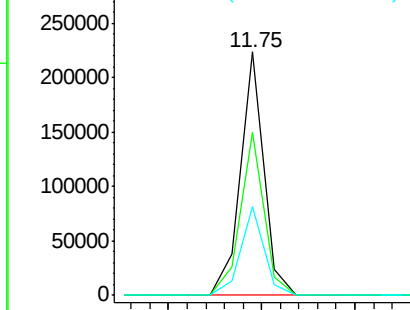
Tot Ion:	169	Resp:	196829
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.9	80.9
167	36.7	28.9	43.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.28 ng

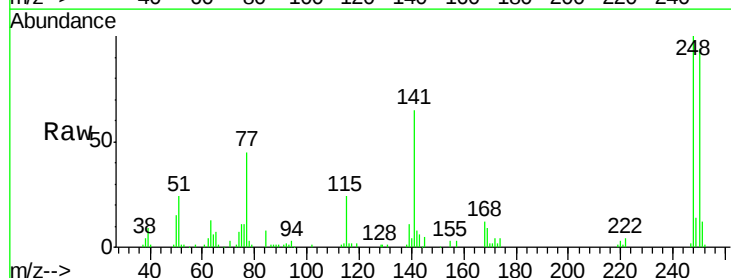
RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

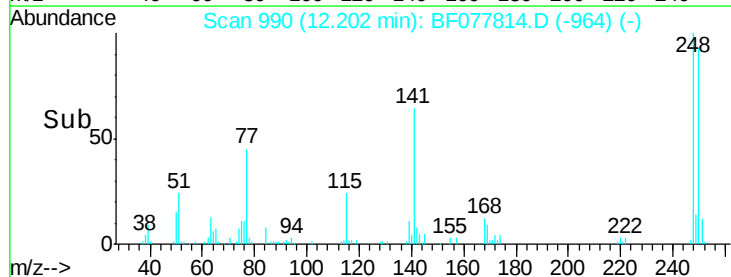
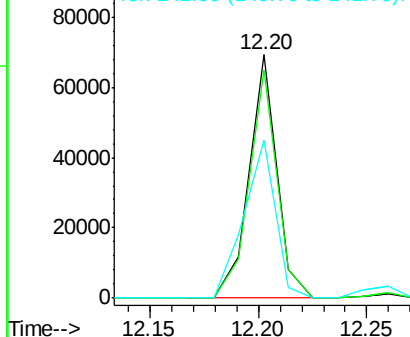
Lab File: BF077814.D

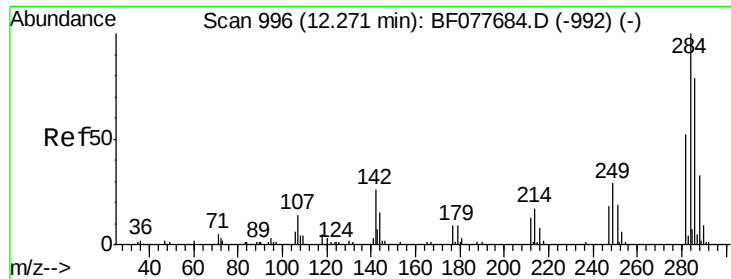
Acq: 19 Mar 2015 1:53

Tgt Ion:	248	Resp:	61074
Ion Ratio	Lower	Upper	
248	100		
250	93.9	77.4	116.0
141	65.1	45.2	67.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





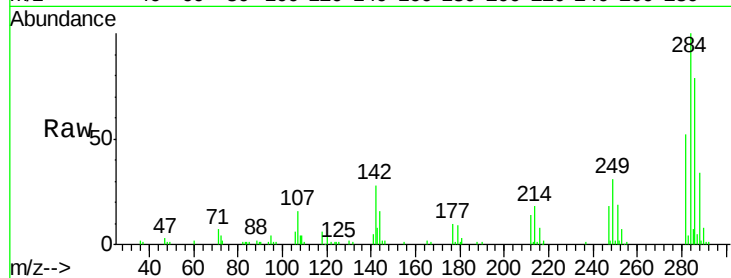
#67
Hexachlorobenzene
Concen: 40.64 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

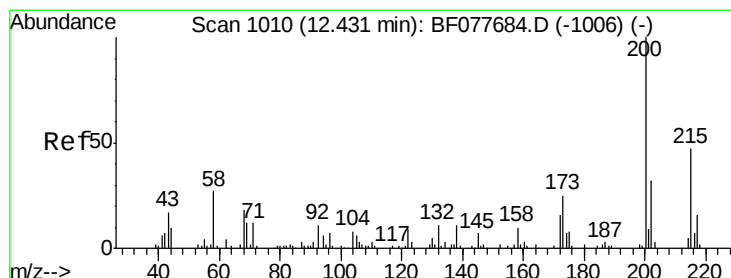
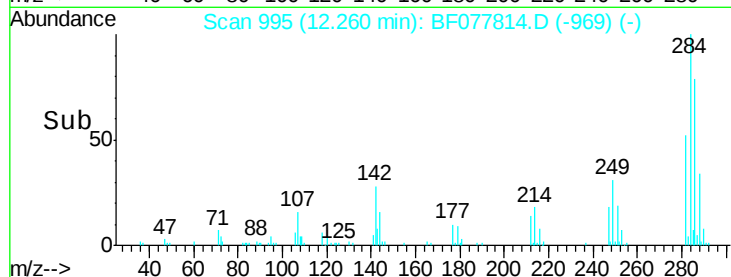
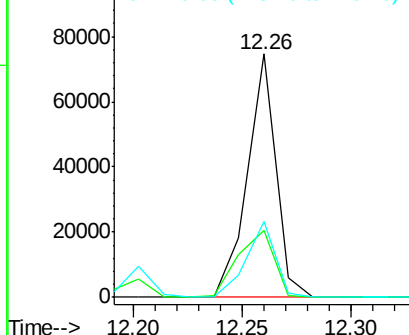
Tot Ion	Ratio	Resp	Lower	Upper
284	100	67710		
142	27.6		20.4	30.6
249	31.1		23.8	35.6

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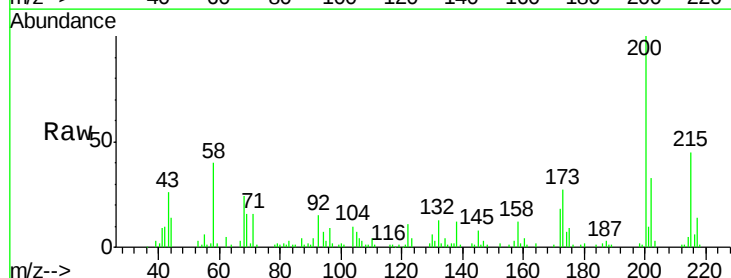


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

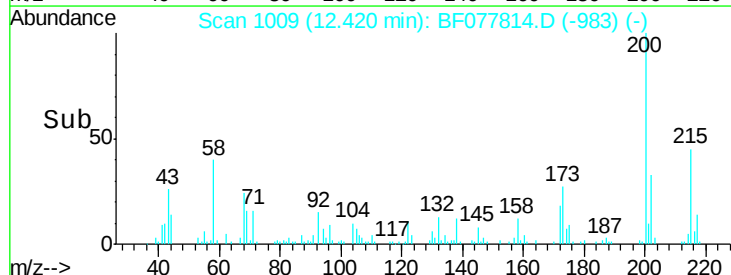
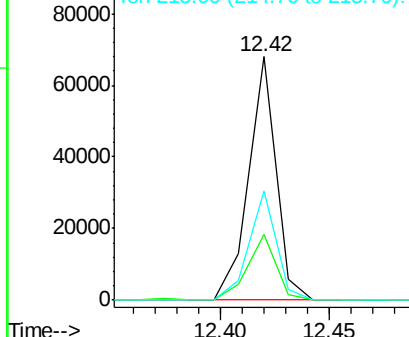


#68
Atrazine
Concen: 44.92 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	59554		
173	27.2		4.8	44.8
215	44.6		26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





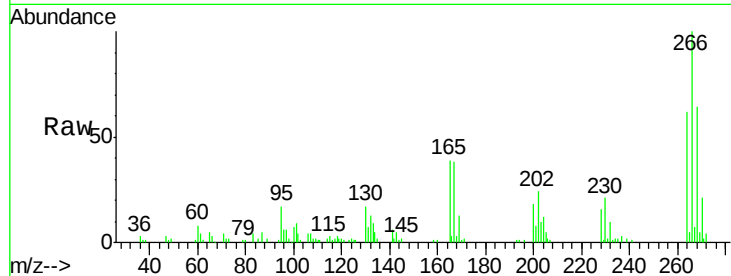
#69
 Pentachlorophenol
 Concen: 80.86 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

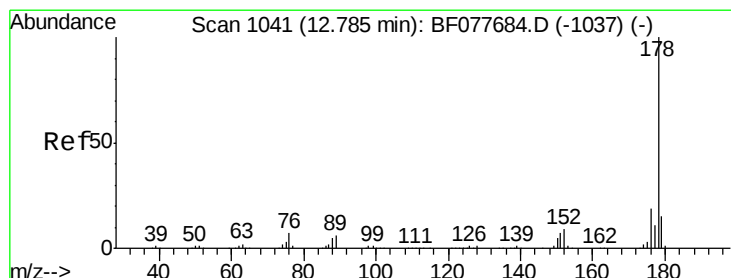
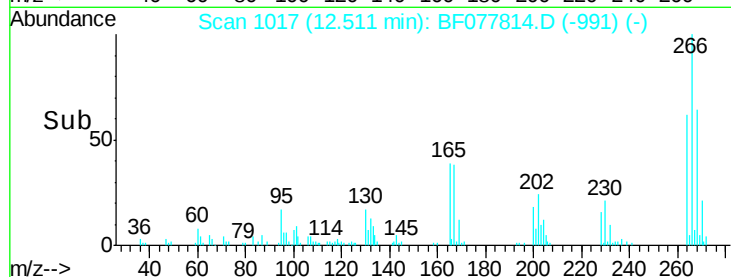
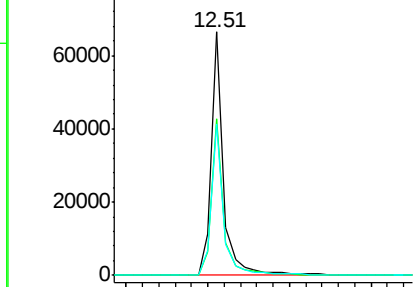
Tot Ion	Ratio	Resp	Lower	Upper
266	100	70583		
268	64.2	52.0	78.0	
264	62.5	49.0	73.4	

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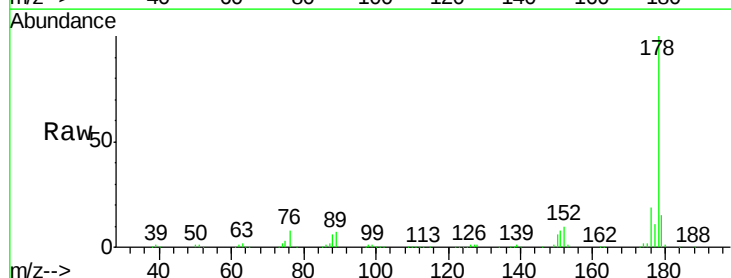


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

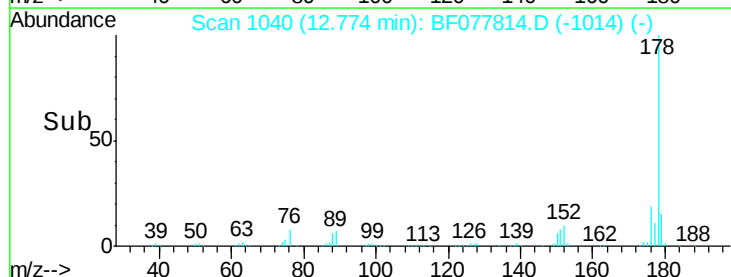
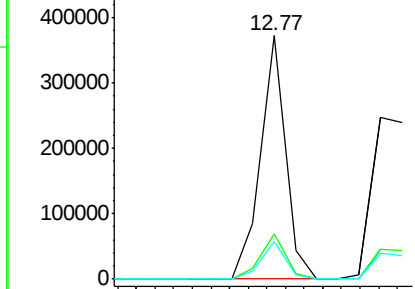


#70
 Phenanthrene
 Concen: 42.25 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	344605		
176	18.8	15.2	22.8	
179	15.4	12.1	18.1	



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





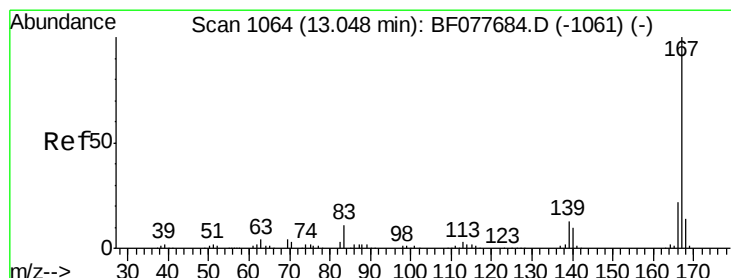
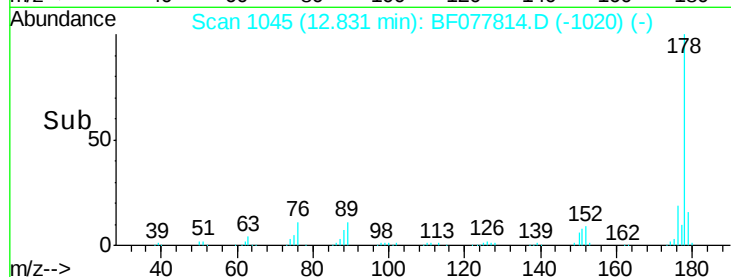
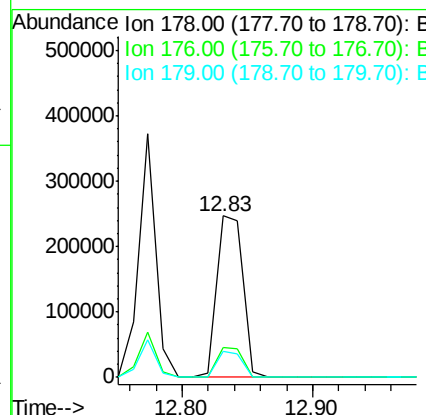
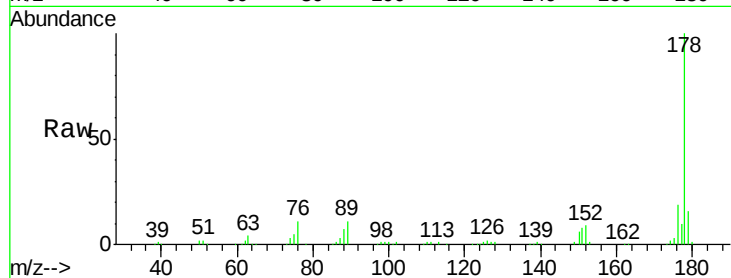
#71
 Anthracene
 Concen: 42.85 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.9	12.6	19.0

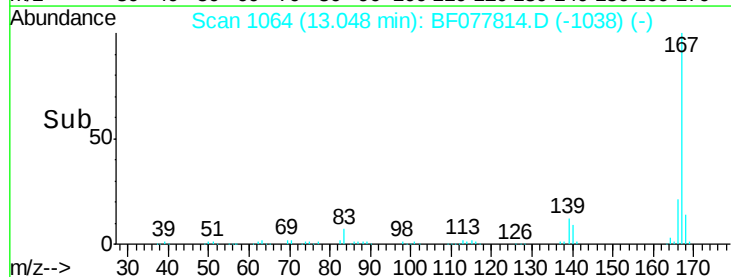
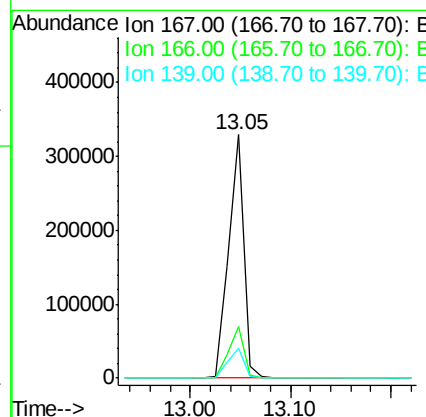
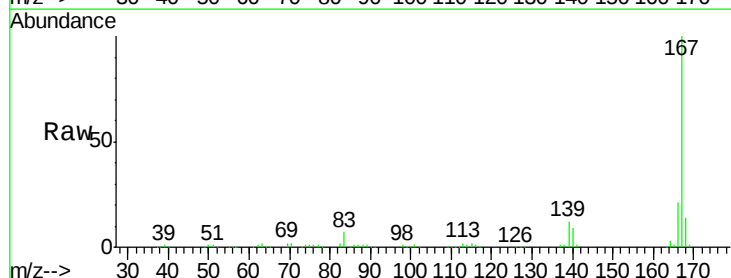
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#72
 Carbazole
 Concen: 45.20 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 39.17 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Instrument :

BNA_F

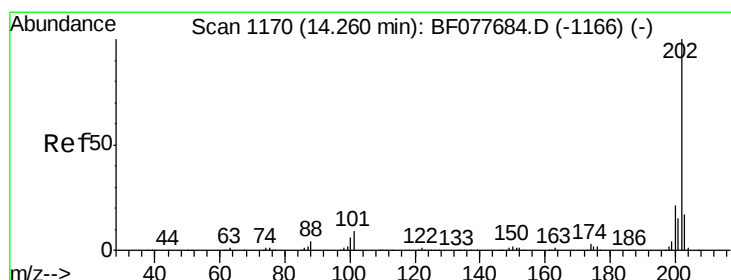
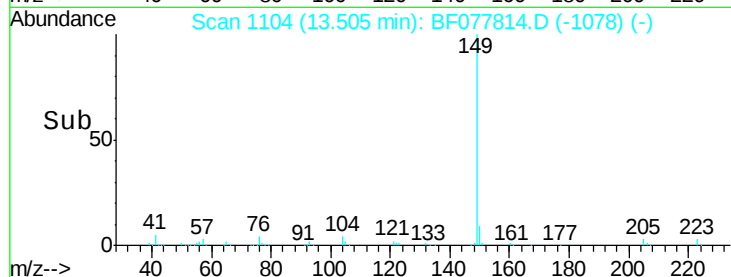
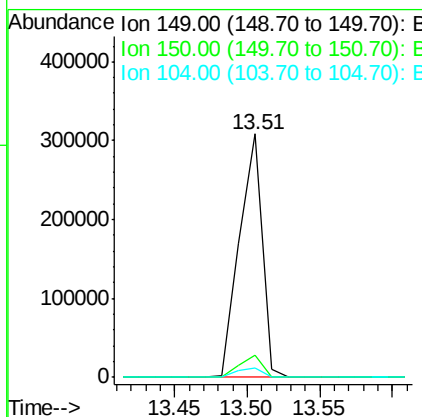
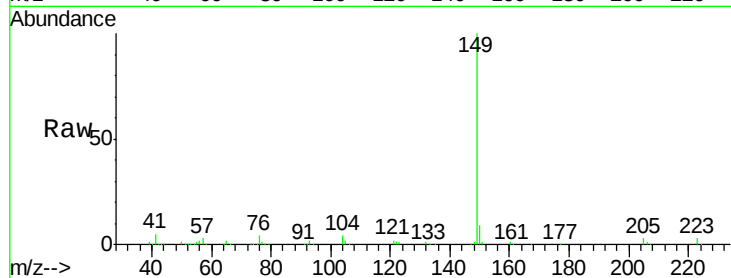
ClientSampleId :

PB82167BS

Tot Ion:	149	Resp:	336630
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	3.8	3.7	5.5

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#74

Fluoranthene

Concen: 42.61 ng

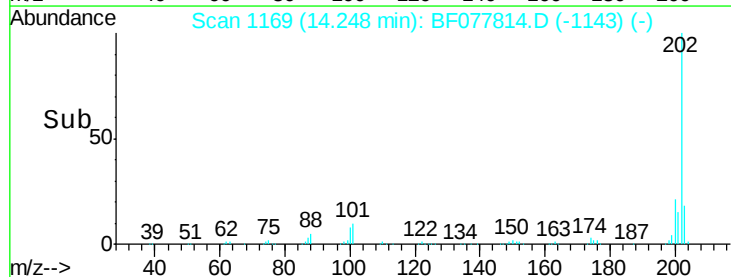
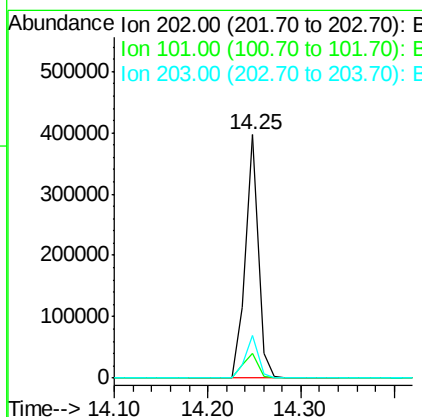
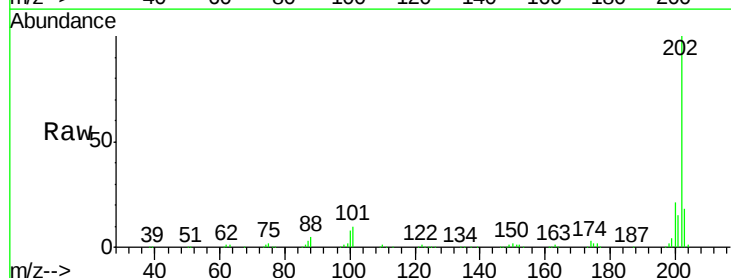
RT: 14.25 min Scan# 1169

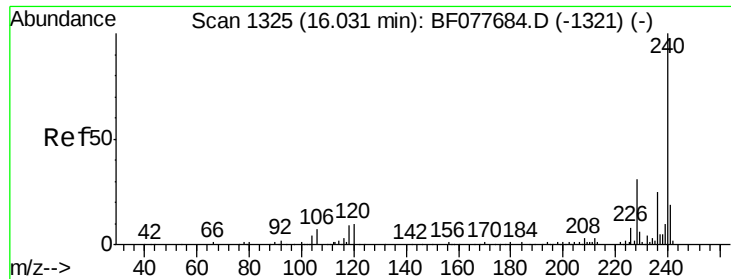
Delta R.T. 0.00 min

Lab File: BF077814.D

Acq: 19 Mar 2015 1:53

Tgt Ion:	202	Resp:	383279
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	28.7
203	17.5	0.0	37.2





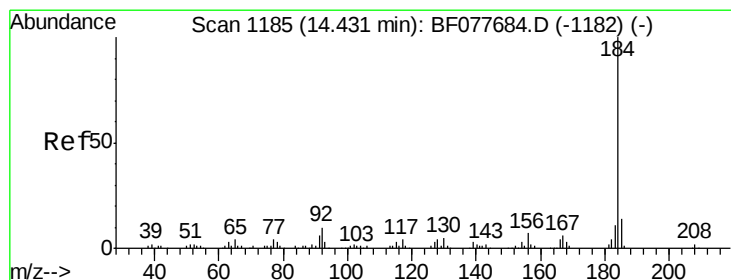
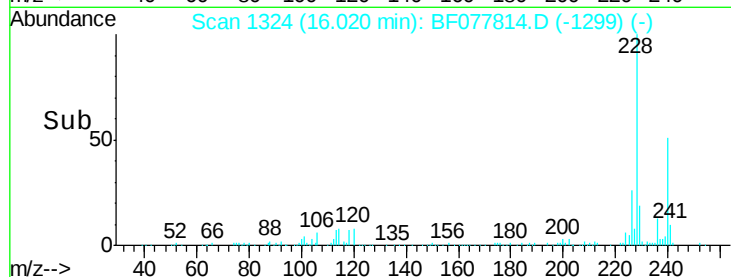
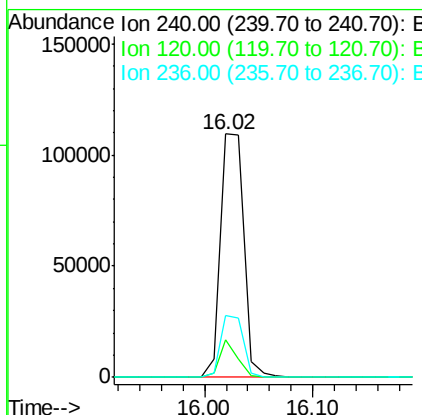
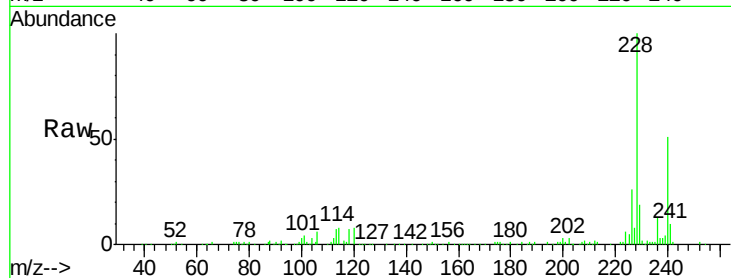
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleID :
 PB82167BS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	15.5	8.2	12.2#
236	25.2	20.0	30.0

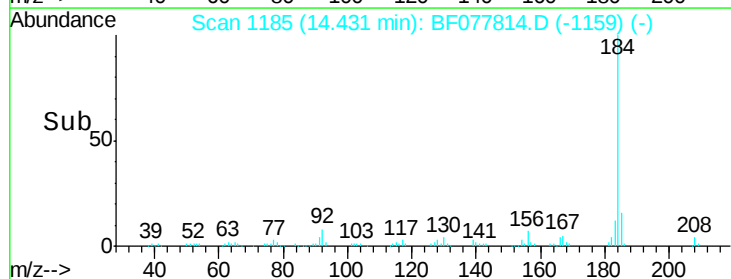
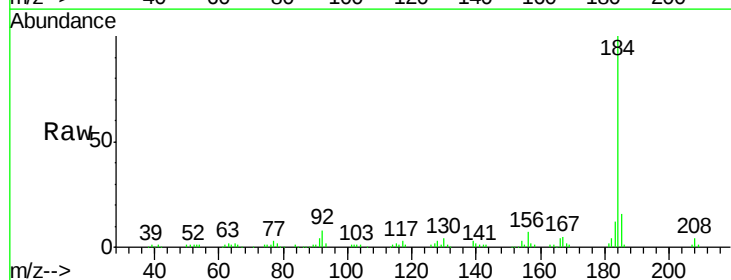
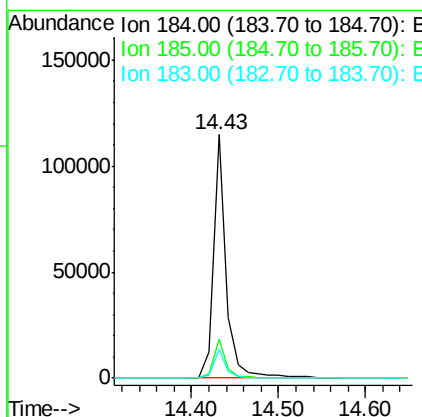
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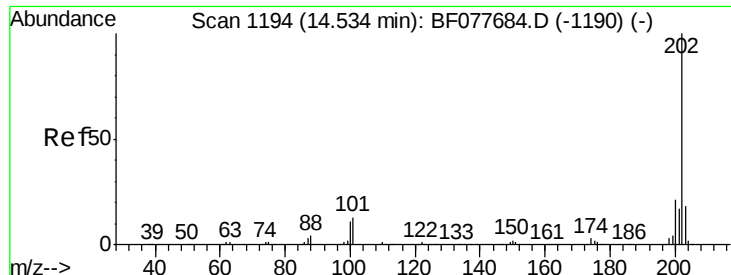
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#76
 Benzidine
 Concen: 28.94 ng
 RT: 14.43 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	16.0	11.3	16.9
183	11.7	8.9	13.3





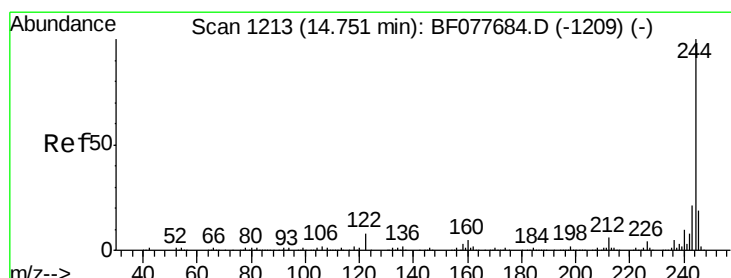
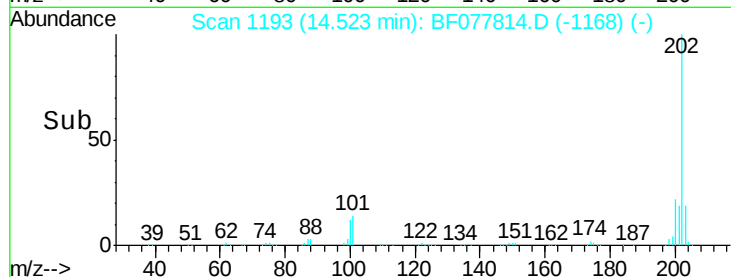
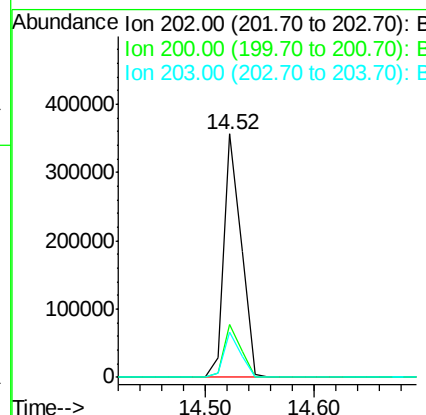
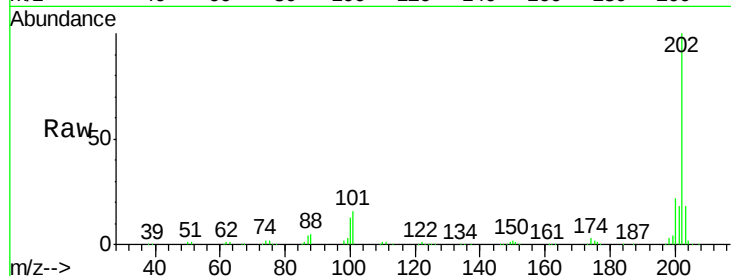
#77
Pvrene
Concen: 38.67 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.5	14.1	21.1

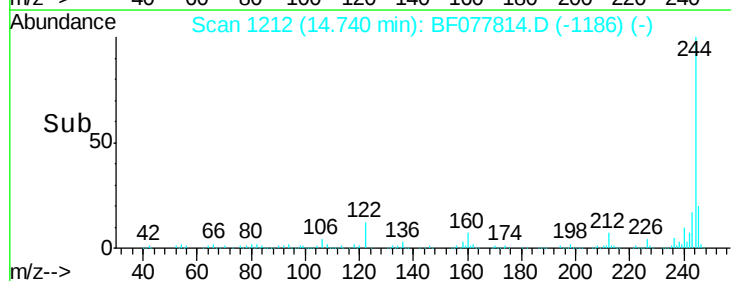
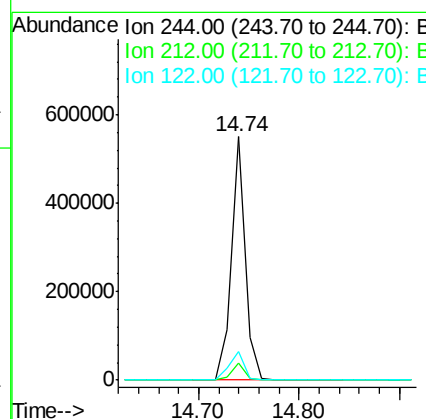
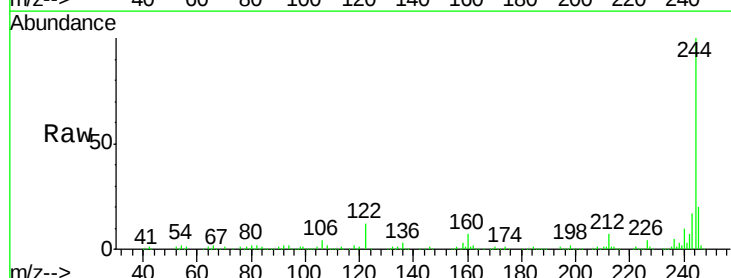
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#78
Terphenyl-d14
Concen: 78.85 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	4.9	7.3
122	11.6	6.2	9.4





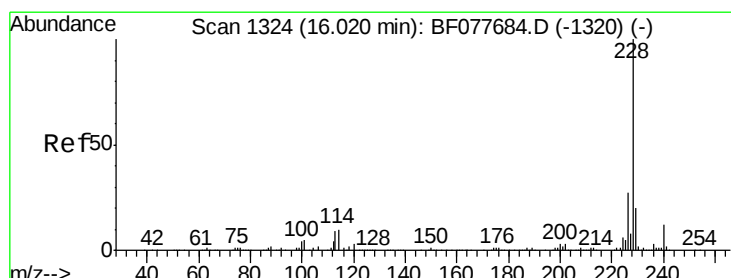
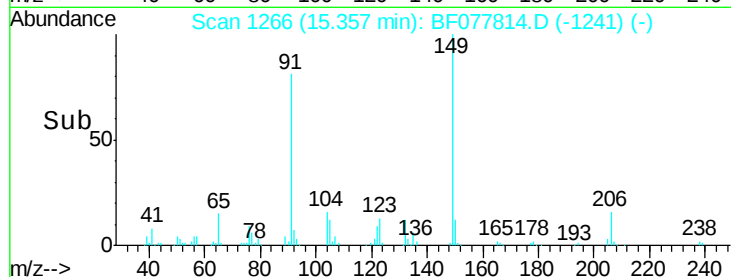
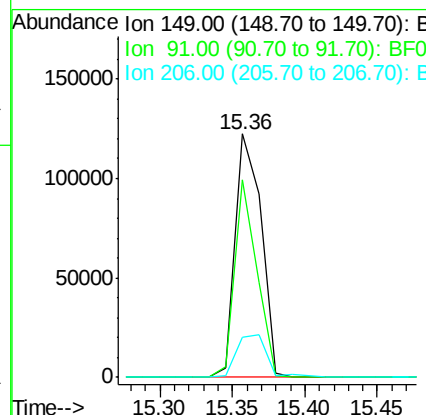
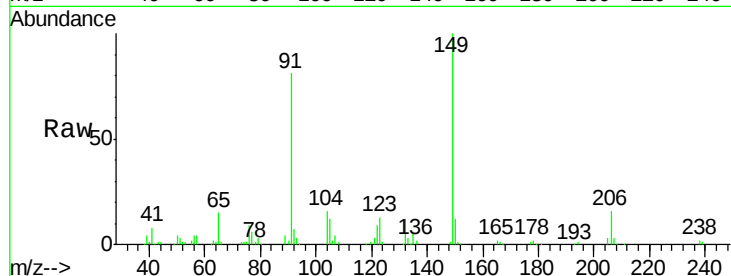
#79
Butylbenzylphthalate
Concen: 37.69 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	152263		
91	81.2	50.1	75.1#	
206	16.4	16.2	24.2	

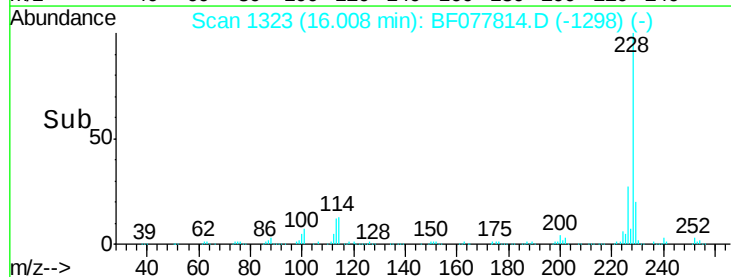
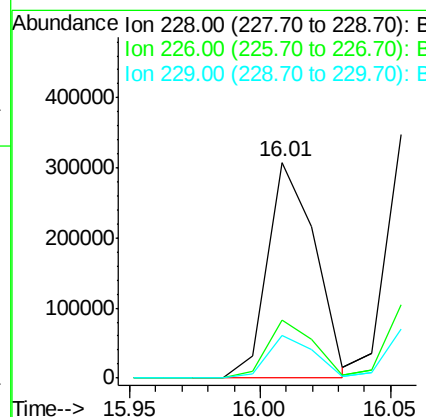
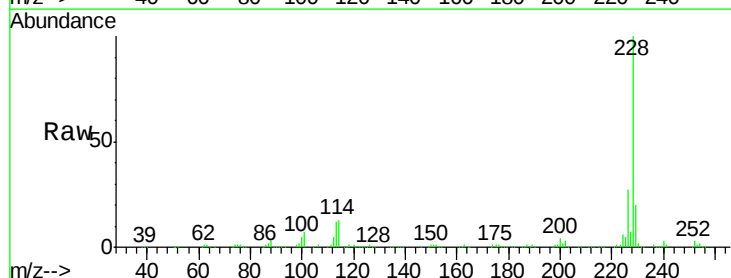
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#80
Benzo(a)anthracene
Concen: 40.47 ng
RT: 16.01 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	390956		
226	27.1	21.7	32.5	
229	19.5	16.0	24.0	





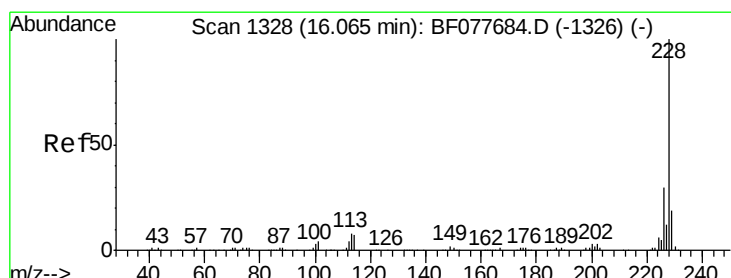
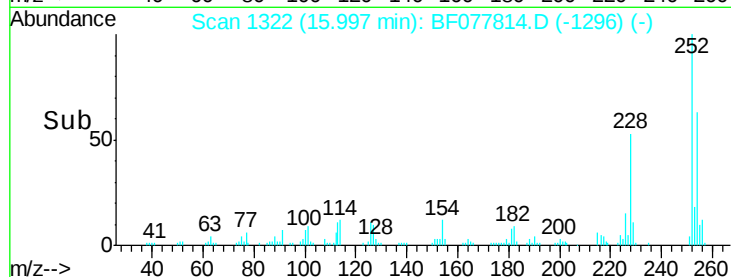
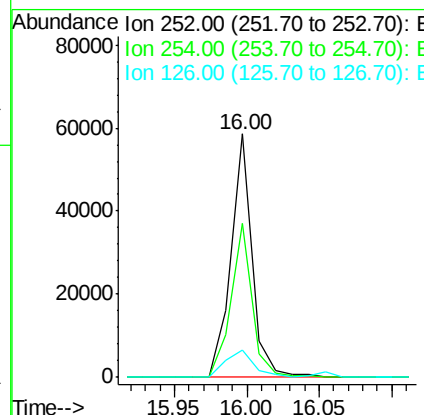
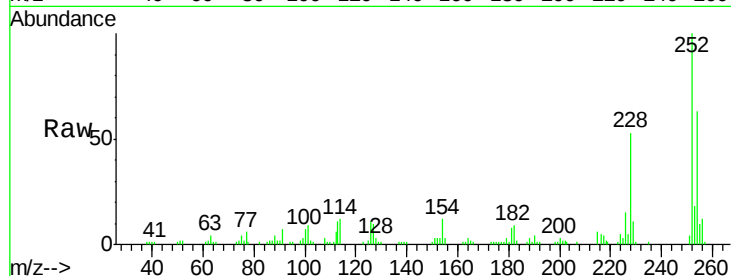
#81
 3,3'-Dichlorobenzidine
 Concen: 18.57 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.9	77.9
126	11.0	9.8	14.8

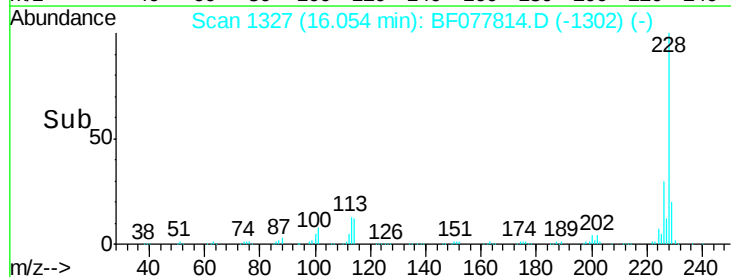
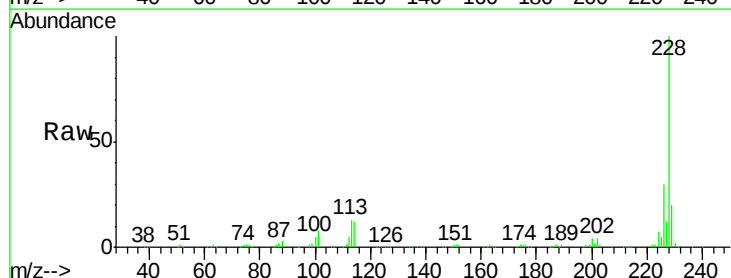
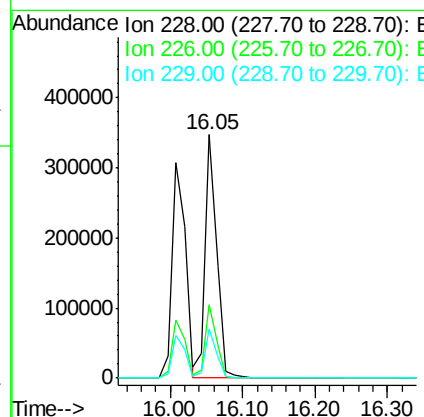
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#82
 Chrysene
 Concen: 44.60 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.3	15.5	23.3





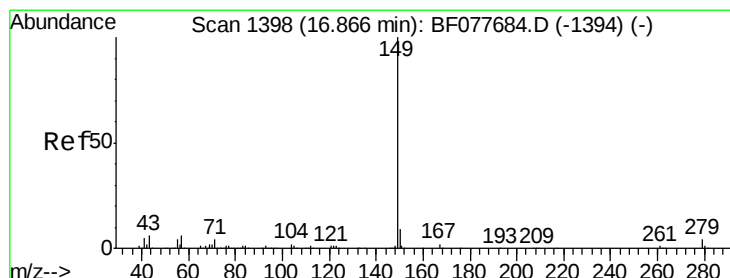
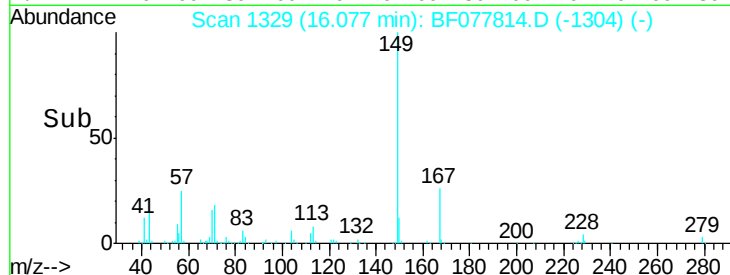
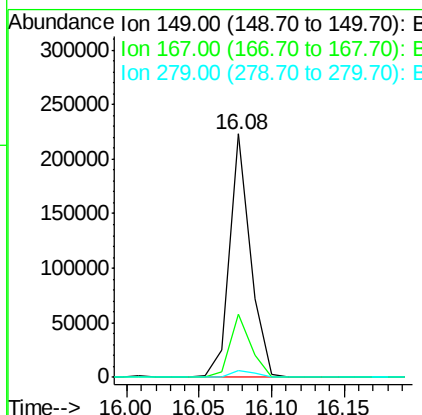
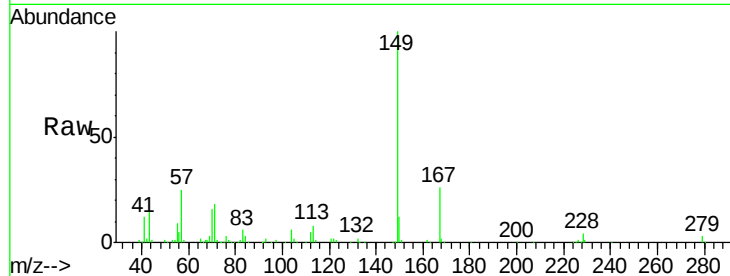
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.52 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.0	22.4	33.6
279	2.7	3.4	5.0

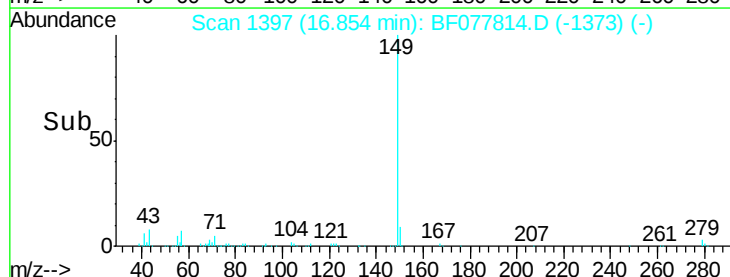
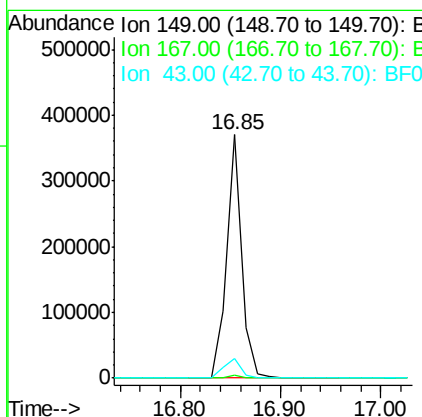
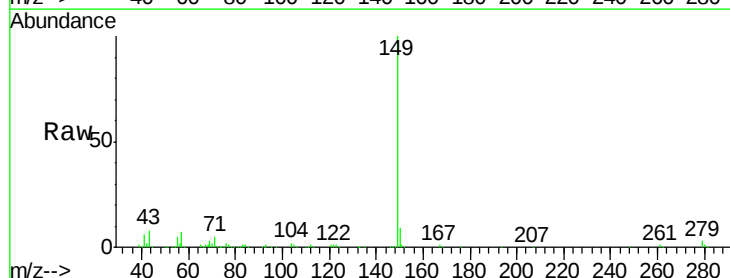
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#84
 Di-n-octyl phthalate
 Concen: 36.82 ng
 RT: 16.85 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.9	7.3	10.9





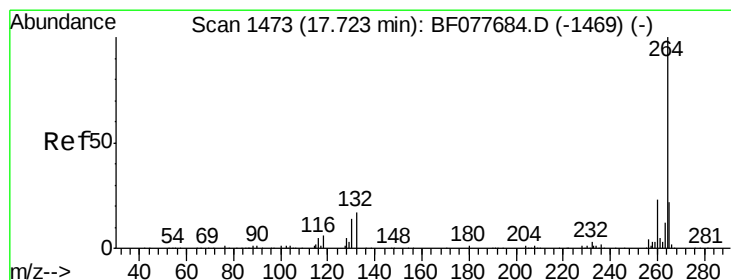
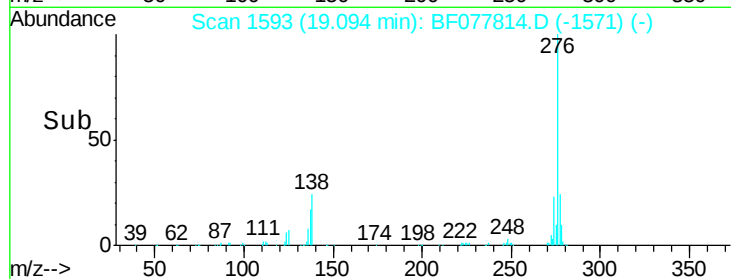
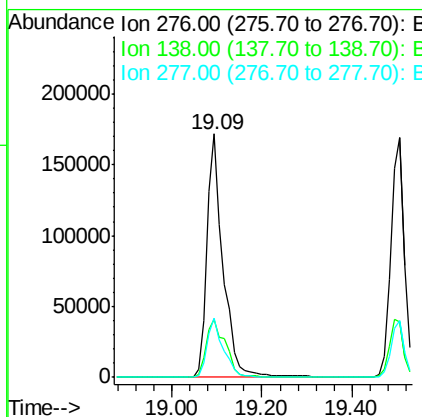
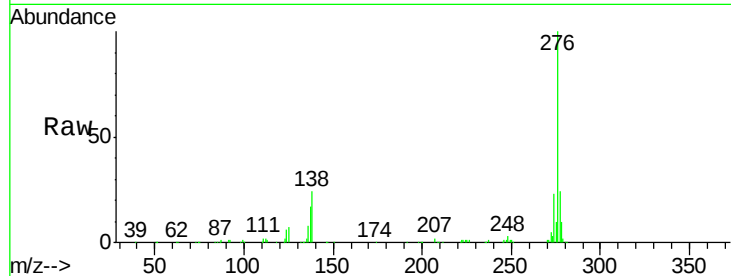
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.39 ng
RT: 19.09 min Scan# 1593
Delta R.T. -0.05 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	28.7	0.0	0.0	
277	24.9	0.0	0.0	

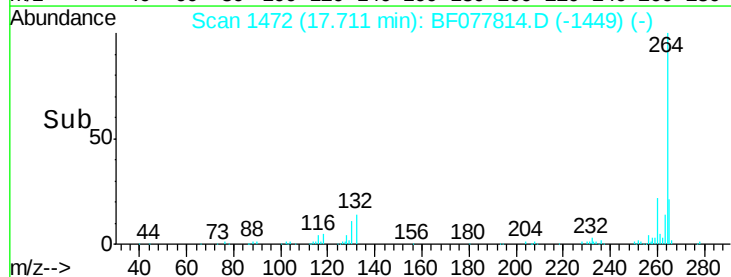
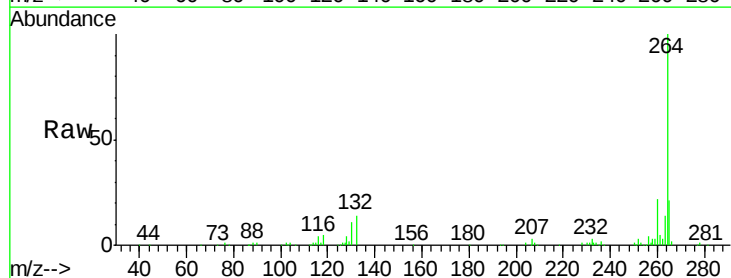
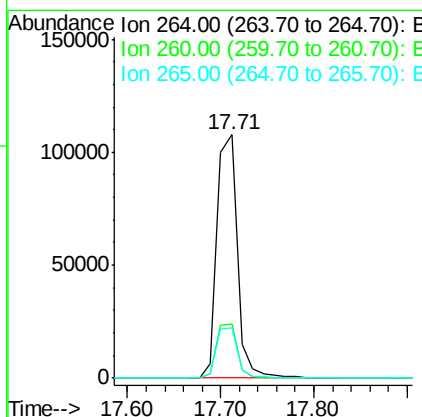
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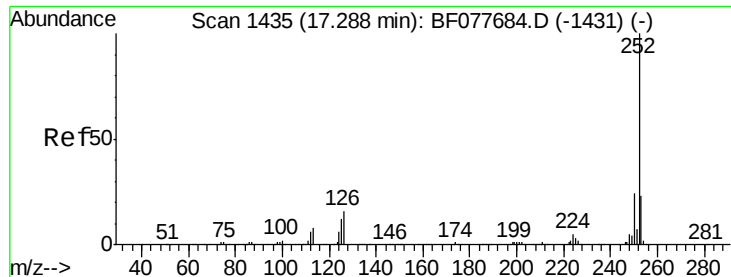
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.03 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.0	18.6	27.8	
265	20.8	17.3	25.9	





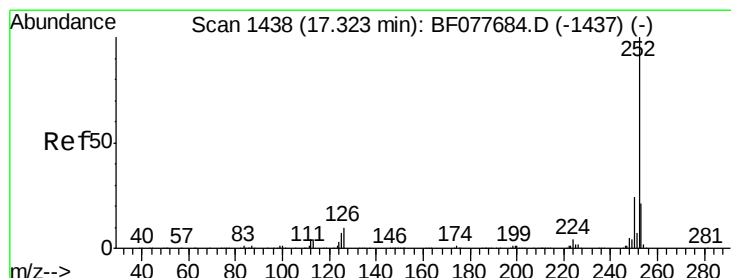
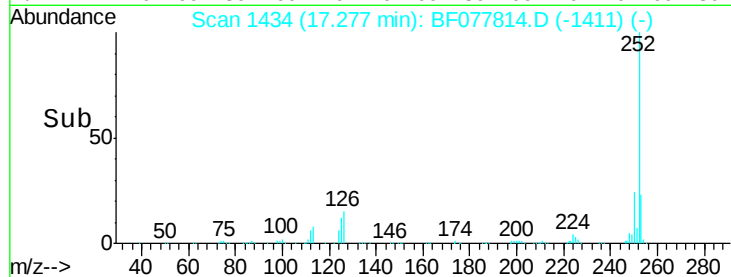
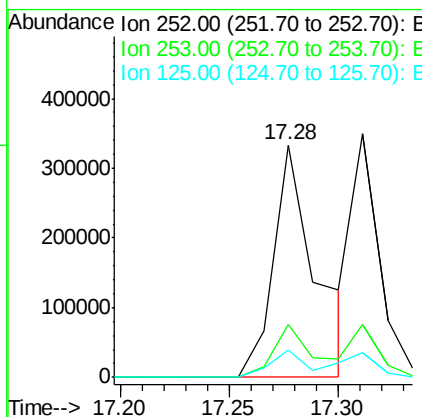
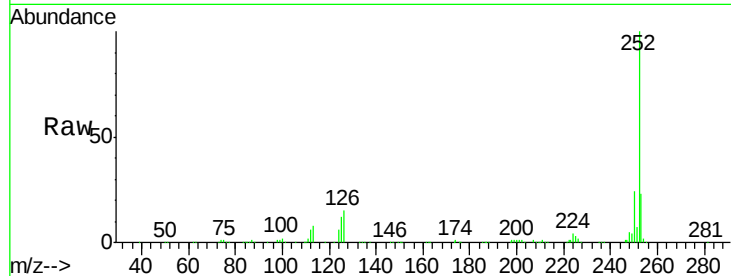
#87
Benzo(b)fluoranthene
Concen: 42.66 ng
RT: 17.28 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.5	9.9	14.9

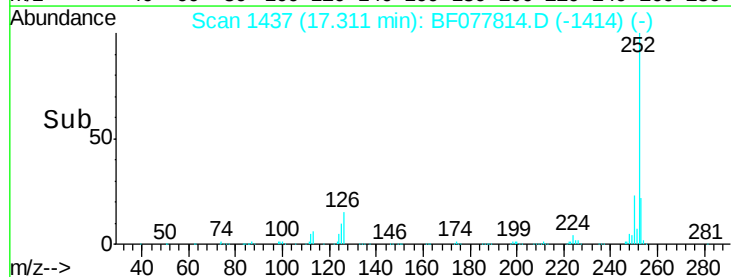
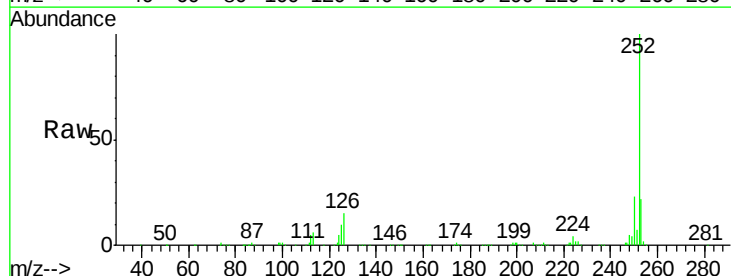
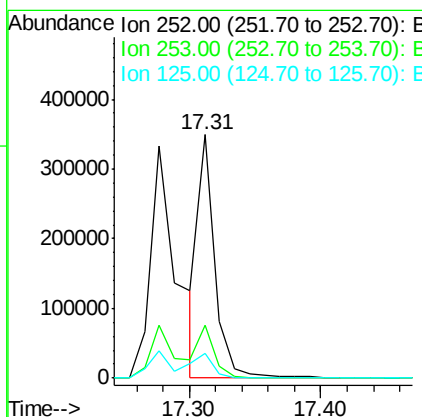
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#88
Benzo(k)fluoranthene
Concen: 38.23 ng m
RT: 17.31 min Scan# 1437
Delta R.T. -0.03 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.3	8.1	12.1





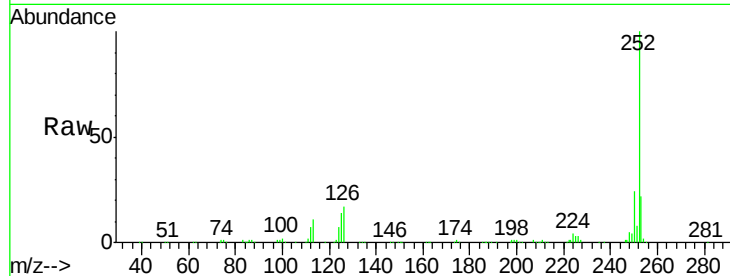
#89
Benzo(a)pyrene
Concen: 42.33 ng
RT: 17.64 min Scan# 1466
Delta R.T. -0.05 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Instrument :
BNA_F
ClientSampleId :
PB82167BS

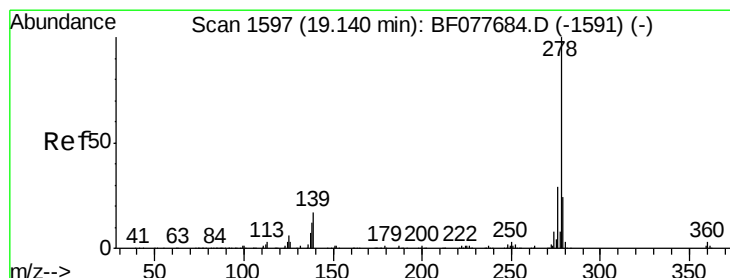
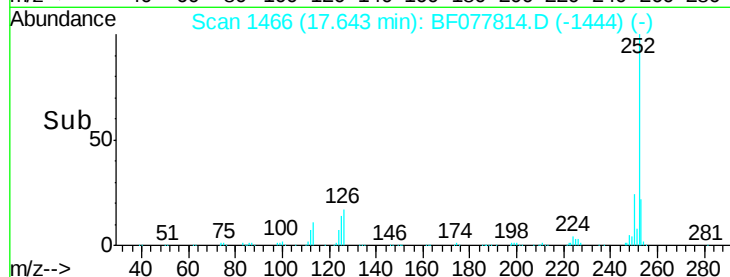
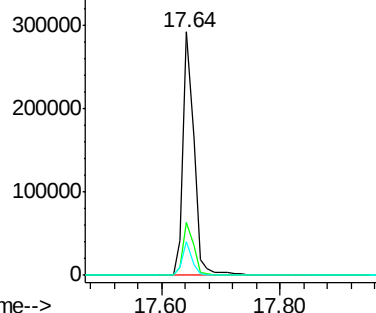
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	13.8	7.4	11.2

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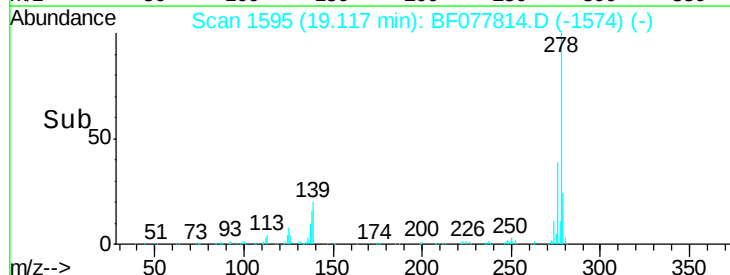
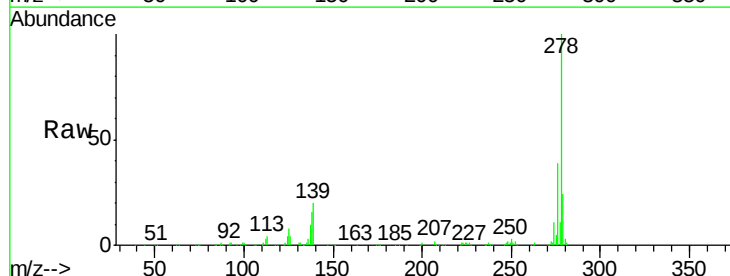
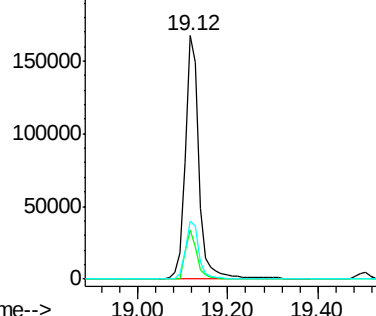
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

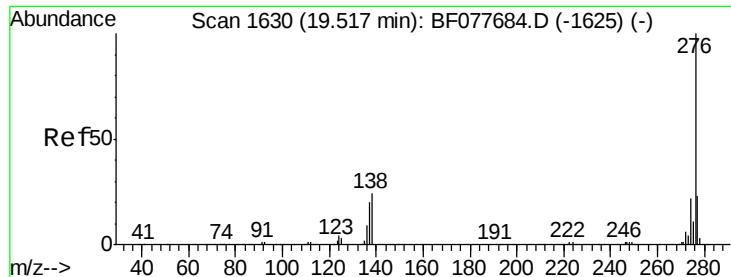


#90
Dibenzo(a,h)anthracene
Concen: 40.38 ng
RT: 19.12 min Scan# 1595
Delta R.T. -0.06 min
Lab File: BF077814.D
Acq: 19 Mar 2015 1:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.4	20.0
279	23.7	19.0	28.4

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





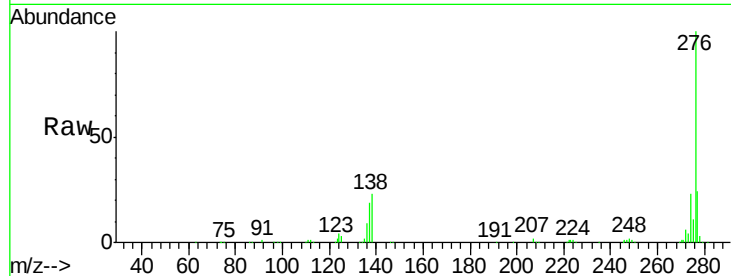
#91
 Benzo(a,h,i)perylene
 Concen: 41.10 ng
 RT: 19.51 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: BF077814.D
 Acq: 19 Mar 2015 1:53

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BS

Tot Ion:	276	Resp:	368914
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.5	27.7
138	23.0	19.0	28.6

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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

