

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077804.D
 Acq On : 18 Mar 2015 19:12
 Operator : TP/IZ
 Sample : PB82152BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Manual Integrations
 APPROVED

mohammad
 3/20/2015 1:48:22 PM

Quant Time: Mar 19 03:57:37 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 02:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	39592	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	160684	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	81091	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	160000	20.00	ng	0.00
75) Chrysene-d12	16.04	240	169205	20.00	ng	-0.09
86) Perylene-d12	17.85	264	158959	20.00	ng	-0.25

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	287014	126.54	ng	0.01
7) Phenol-d6	6.73	99	371326	132.50	ng	0.00
23) Nitrobenzene-d5	7.86	82	203376	82.97	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	93318	120.28	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	463245	83.95	ng	0.00
78) Terphenyl-d14	14.74	244	539676	77.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	29373	28.52	ng	# 100
3) Pyridine	2.75	79	94935	34.31	ng	98
4) n-Nitrosodimethylamine	2.68	42	36976	30.69	ng	99
6) Aniline	6.75	93	80491	20.08	ng	# 71
8) 2-Chlorophenol	6.89	128	109946	40.72	ng	99
9) Benzaldehyde	6.60	77	7172	6.25	ng	93
10) Phenol	6.74	94	130428	39.37	ng	90
11) bis(2-Chloroethyl)ether	6.85	93	100909	40.67	ng	97
12) 1,3-Dichlorobenzene	7.08	146	111388	37.09	ng	99
13) 1,4-Dichlorobenzene	7.18	146	111707	35.80	ng	98
14) 1,2-Dichlorobenzene	7.37	146	106469	37.22	ng	100
15) Benzyl Alcohol	7.34	79	84251	38.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	126908	37.95	ng	99
17) 2-Methylphenol	7.49	107	88455	40.24	ng	98
18) Hexachloroethane	7.78	117	37963	37.10	ng	96
19) n-Nitroso-di-n-propylamine	7.68	70	70738	36.49	ng	99
20) 3+4-Methylphenols	7.69	107	111560	38.68	ng	97
22) Acetophenone	7.66	105	141123	39.67	ng	# 99
24) Nitrobenzene	7.88	77	101535	38.45	ng	# 76
25) Isophorone	8.18	82	192715	38.93	ng	100
26) 2-Nitrophenol	8.27	139	51527	39.85	ng	96
27) 2,4-Dimethylphenol	8.34	122	100142	42.52	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	120520	40.11	ng	99
29) 2,4-Dichlorophenol	8.57	162	93753	41.76	ng	97
30) 1,2,4-Trichlorobenzene	8.67	180	93795	37.34	ng	98
31) Naphthalene	8.76	128	312597	37.88	ng	99
32) Benzoic acid	8.45	122	39683	31.35	ng	95
33) 4-Chloroaniline	8.84	127	79950	23.87	ng	99
34) Hexachlorobutadiene	8.92	225	51753	36.35	ng	98
35) Caprolactam	9.26	113	29317	44.68	ng	# 81
36) 4-Chloro-3-methylphenol	9.45	107	93628	41.45	ng	88
37) 2-Methylnaphthalene	9.62	142	223724	40.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	95734	39.58	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	85792	71.22	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	63136	37.68	nq	97
43) 2,4,5-Trichlorophenol	10.02	196	73176	40.43	nq	# 88
45) 1,1'-Biphenyl	10.20	154	258647	39.90	nq	98
46) 2-Chloronaphthalene	10.22	162	210018	39.87	nq	97
47) 2-Nitroaniline	10.35	65	54868	41.94	nq	# 83
48) Acenaphthylene	10.73	152	323978	36.98	nq	100
49) Dimethylphthalate	10.59	163	239696	39.85	nq	99
50) 2,6-Dinitrotoluene	10.67	165	51580	41.37	nq	# 72
51) Acenaphthene	10.95	154	187302	37.29	nq	100
52) 3-Nitroaniline	10.87	138	45053	31.12	nq	86
53) 2,4-Dinitrophenol	11.00	184	35639	78.03	nq	# 75
54) Dibenzofuran	11.16	168	296292	39.77	nq	95
55) 4-Nitrophenol	11.08	139	83856	78.18	nq	# 72
56) 2,4-Dinitrotoluene	11.16	165	71889	44.22	nq	# 76
57) Fluorene	11.59	166	241354	39.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	57178	41.03	nq	# 100
59) Diethylphthalate	11.47	149	235539	40.19	nq	97
60) 4-Chlorophenyl-phenylether	11.60	204	111204	39.39	nq	95
61) 4-Nitroaniline	11.62	138	58714	40.69	nq	84
62) Azobenzene	11.79	77	221432	39.54	nq	94
64) 4,6-Dinitro-2-methylphenol	11.67	198	24864	34.26	nq	# 70
65) n-Nitrosodiphenylamine	11.75	169	214190	40.20	nq	99
66) 4-Bromophenyl-phenylether	12.20	248	67498	39.53	nq	# 93
67) Hexachlorobenzene	12.26	284	71910	38.33	nq	93
68) Atrazine	12.42	200	63482	42.52	nq	94
69) Pentachlorophenol	12.51	266	75702	77.15	nq	98
70) Phenanthrene	12.77	178	359674	39.16	nq	99
71) Anthracene	12.84	178	365548	40.28	nq	99
72) Carbazole	13.05	167	356277	41.27	nq	98
73) Di-n-butylphthalate	13.51	149	370160	38.24	nq	99
74) Fluoranthene	14.25	202	391608	38.65	nq	96
76) Benzidine	14.43	184	153256	36.58	nq	98
77) Pyrene	14.52	202	414358	38.94	nq	99
79) Butylbenzylphthalate	15.37	149	164930	39.31	nq	96
80) Benzo(a)anthracene	16.03	228	385566	38.44	nq	100
81) 3,3'-Dichlorobenzidine	16.02	252	83782	25.32	nq	# 99
82) Chrysene	16.08	228	378630	41.98	nq	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	230115	36.21	nq	99
84) Di-n-octyl phthalate	16.93	149	379407	34.92	nq	99
85) Indeno(1,2,3-cd)pyrene	19.27	276	407070	36.16	nq	# 100
87) Benzo(b)fluoranthene	17.39	252	366039	35.27	nq	# 96
88) Benzo(k)fluoranthene	17.43	252	380224m	46.91	nq	
89) Benzo(a)pyrene	17.79	252	372467	43.02	nq	99
90) Dibenzo(a,h)anthracene	19.30	278	340045	39.60	nq	98
91) Benzo(g,h,i)perylene	19.68	276	352930	40.37	nq	99

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

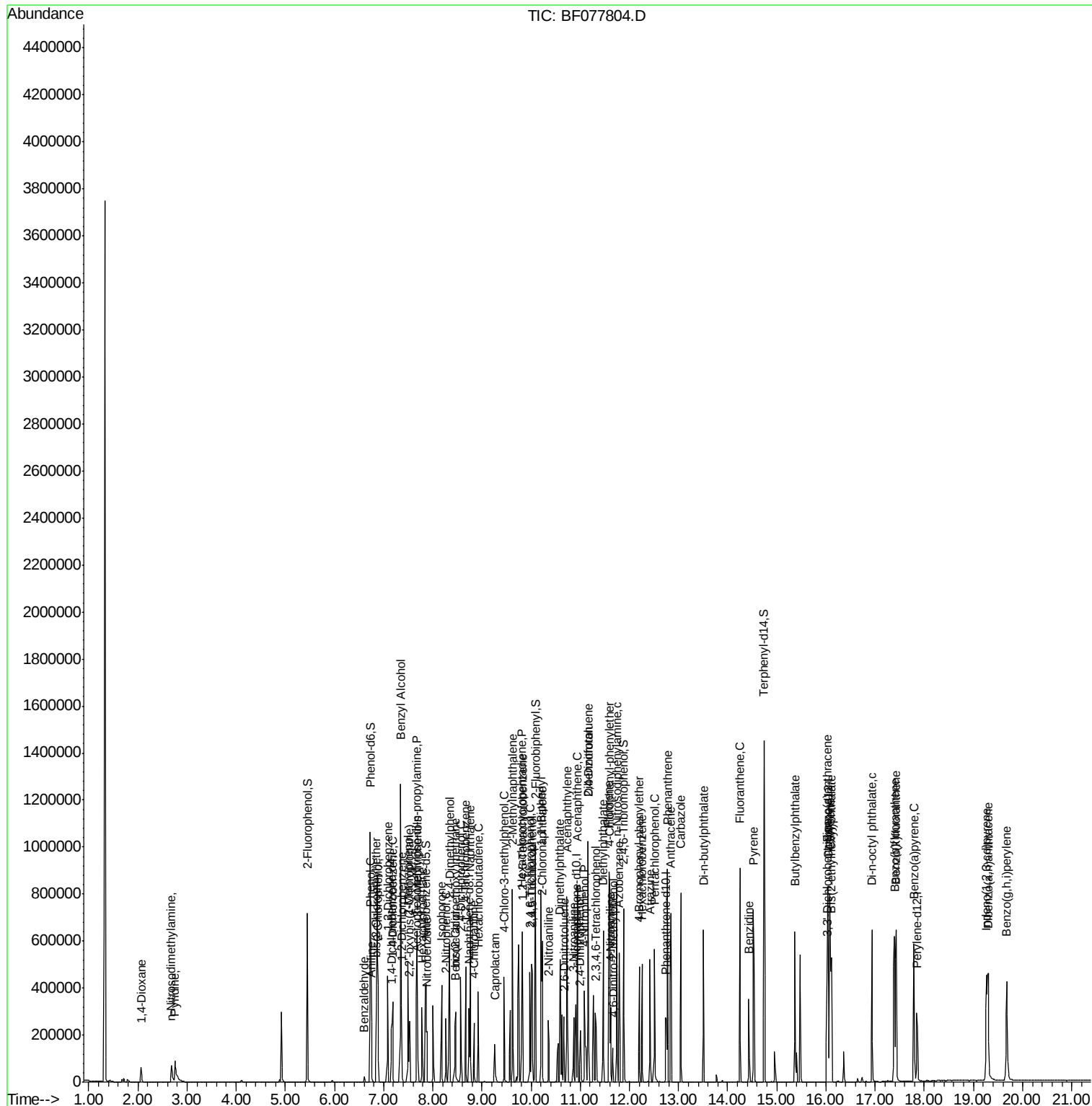
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Operator  : TP/IZ  
Sample    : PB82152BSD  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
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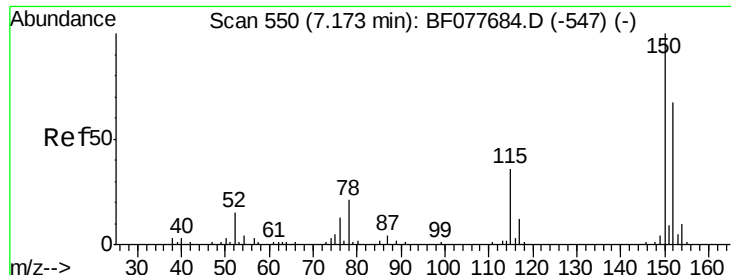
Instrument :
BNA_F
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#1

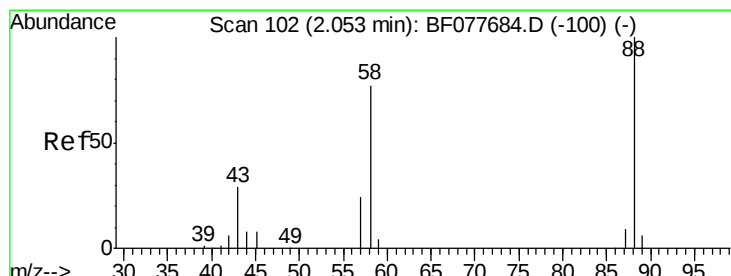
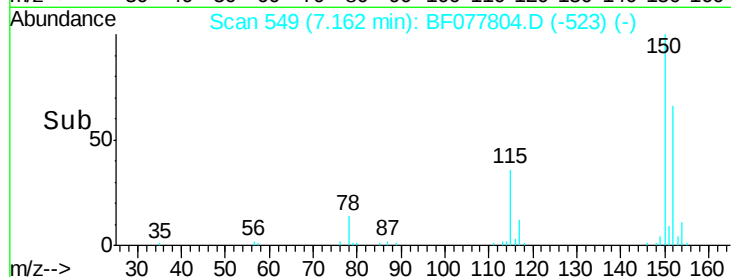
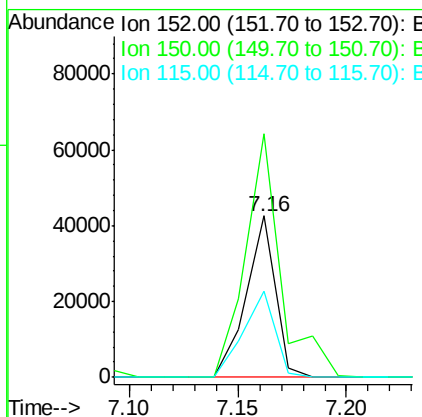
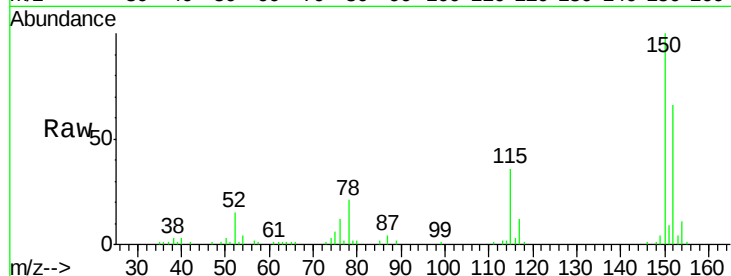
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.5	179.3
115	53.6	43.0	64.4

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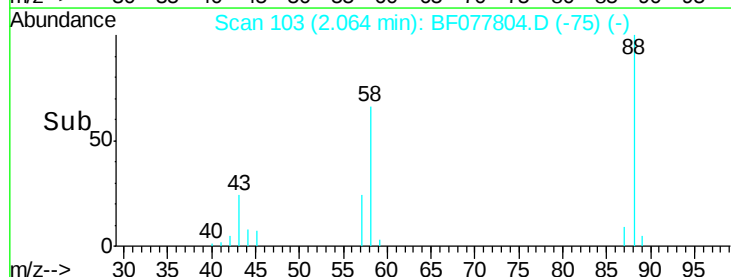
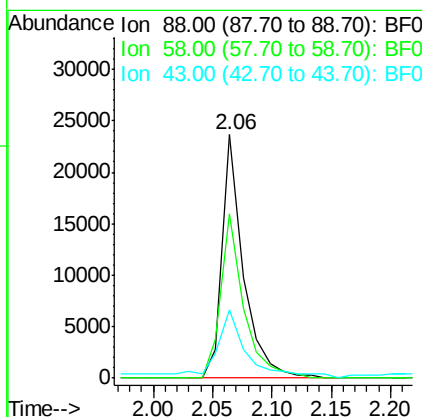
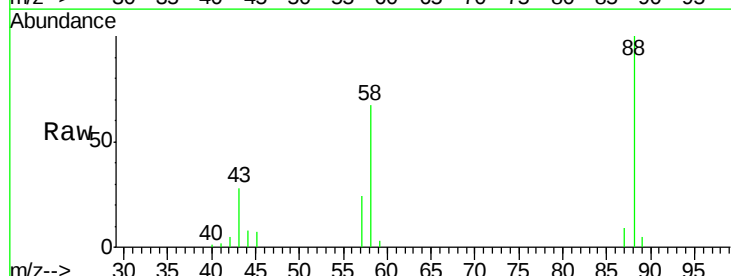
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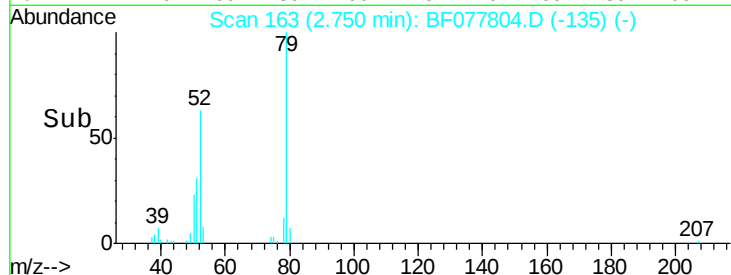
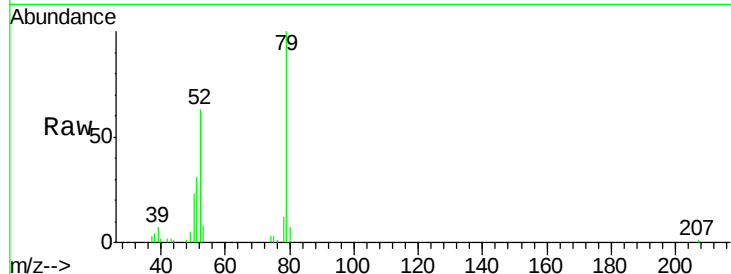
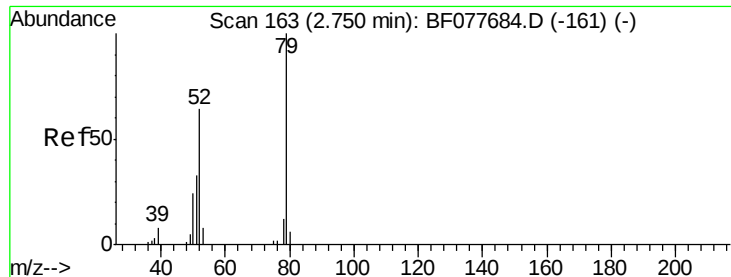


#2

1,4-Dioxane
Concen: 28.52 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.02 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	0.0	0.0#
43	39.0	0.0	0.0#





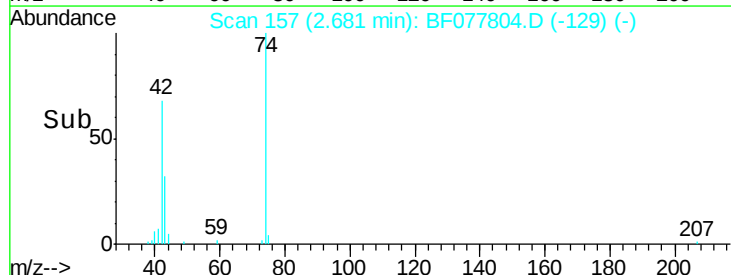
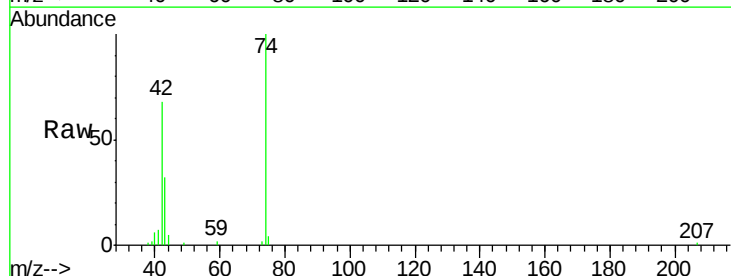
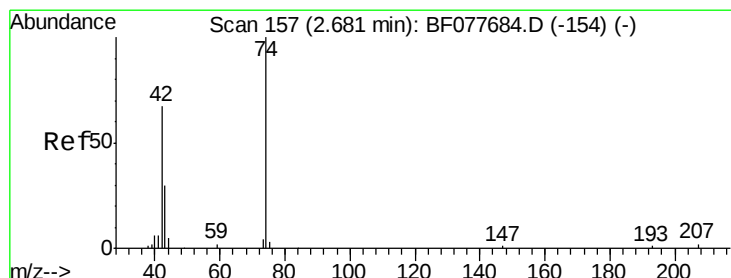
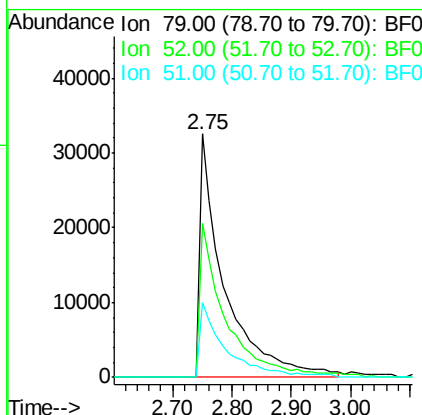
#3
Pvridine
Concen: 34.31 ng
RT: 2.75 min Scan# 163
Delta R.T. 0.02 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.1	51.1	76.7
51	30.8	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

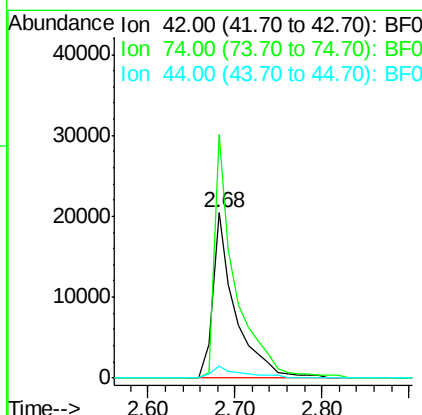
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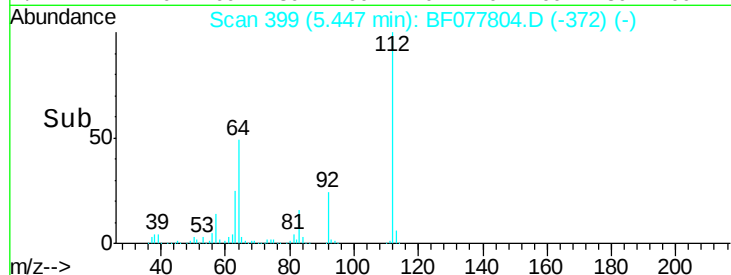
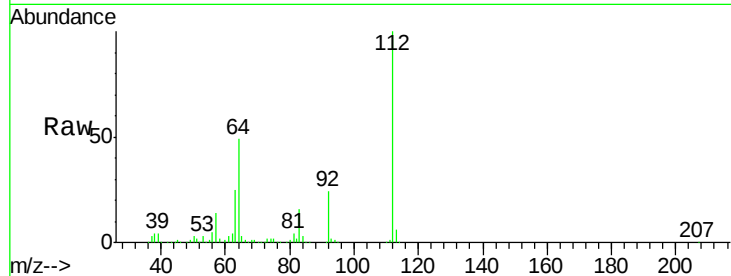
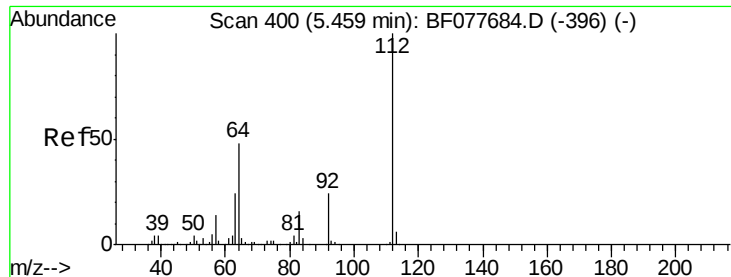
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#4
n-Nitrosodimethylamine
Concen: 30.69 ng
RT: 2.68 min Scan# 157
Delta R.T. 0.02 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.3	119.3	178.9
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 126.54 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077804.D

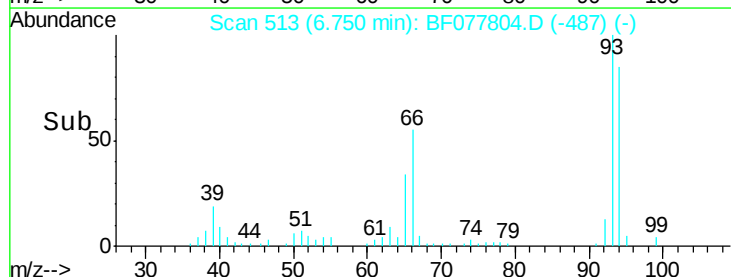
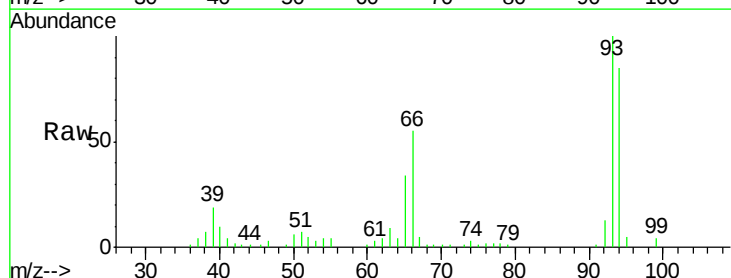
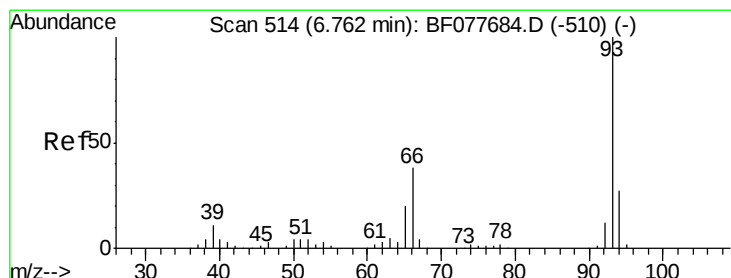
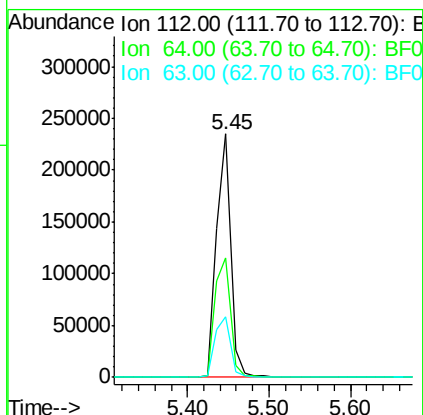
Acq: 18 Mar 2015 19:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		287014		
64	49.3		38.6	57.8	
63	24.9		19.3	28.9	

Instrument :
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PB82152BSD

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#6

Aniline

Concen: 20.08 ng

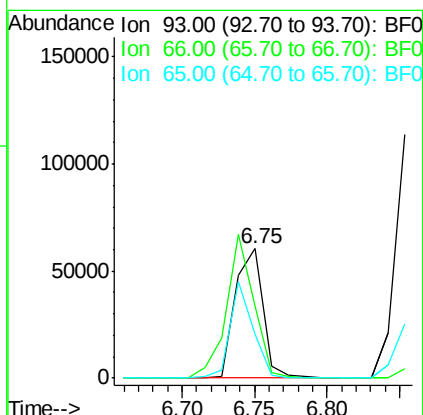
RT: 6.75 min Scan# 513

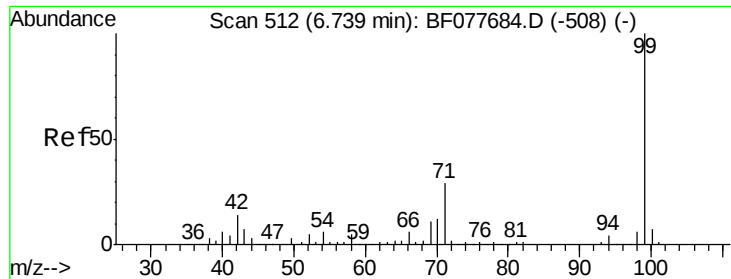
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		80491		
66	55.5		30.8	46.2#	
65	34.0		16.0	24.0#	





#7

Phenol-d6

Concen: 132.50 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

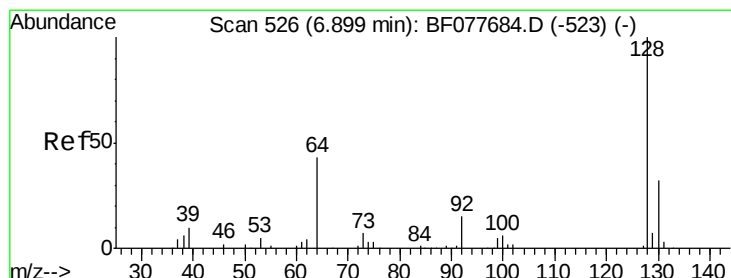
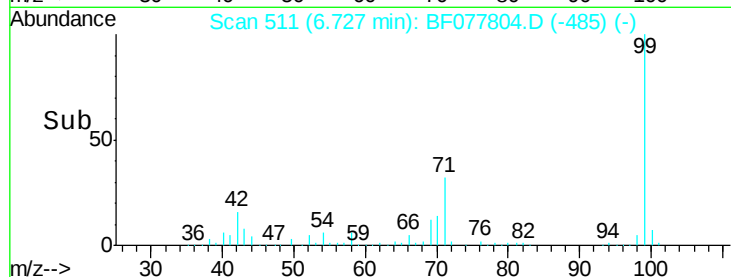
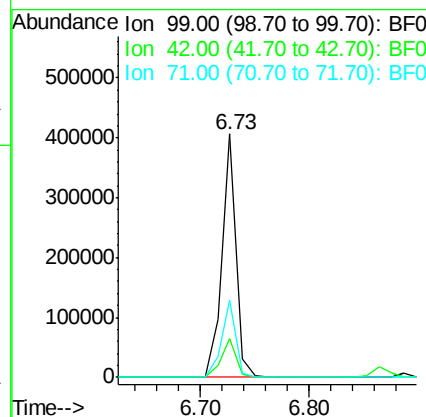
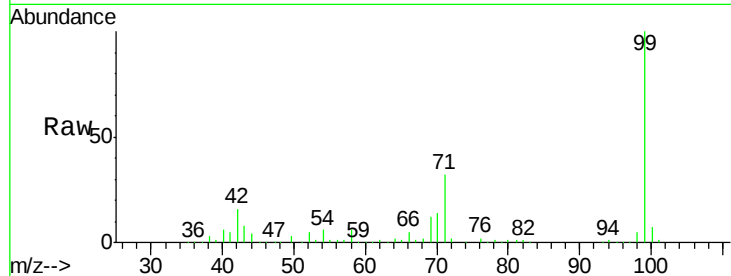
ClientSampled :

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Tot Ion:	99	Resp:	371326
Ion Ratio	Lower	Upper	
99	100		
42	16.0	11.0	16.4
71	31.6	23.4	35.2

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#8

2-Chlorophenol

Concen: 40.72 ng

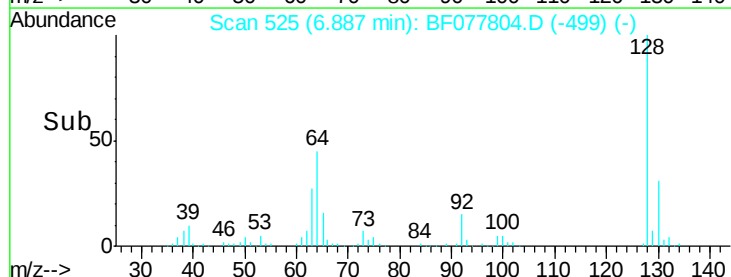
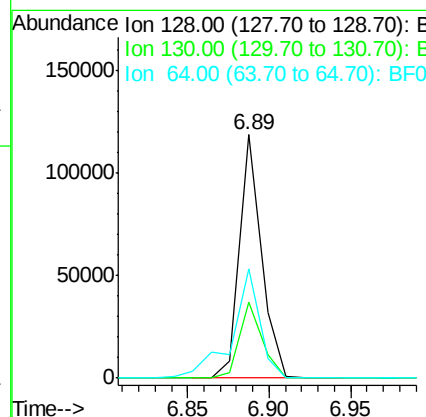
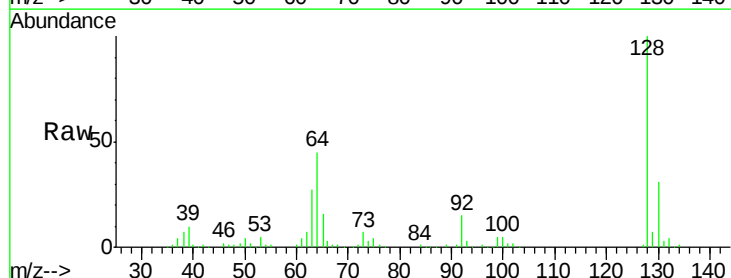
RT: 6.89 min Scan# 525

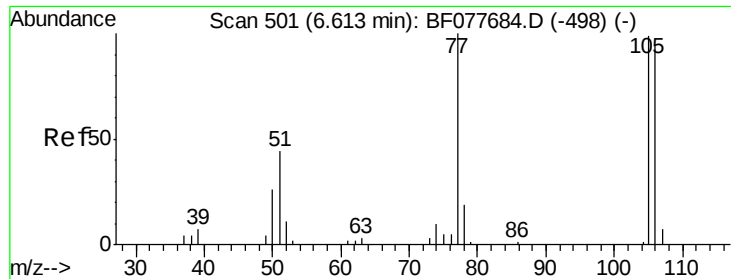
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	128	Resp:	109946
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.0	52.0
64	45.0	24.9	64.9





#9

Benzaldehyde

Concen: 6.25 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

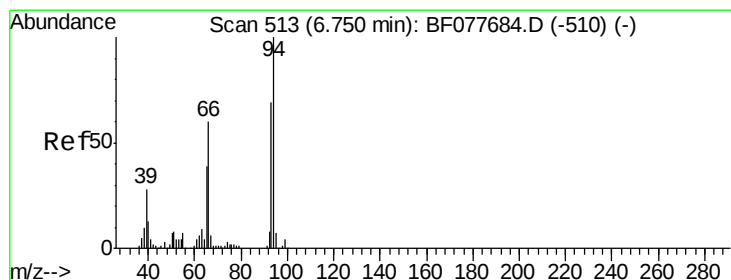
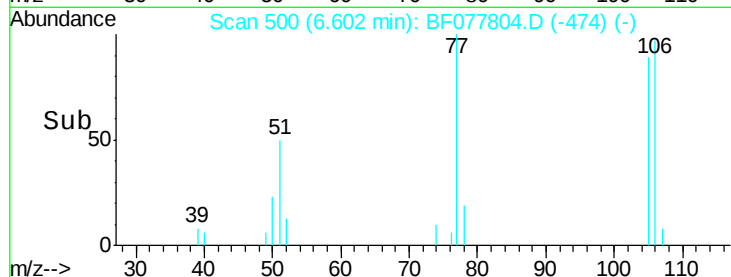
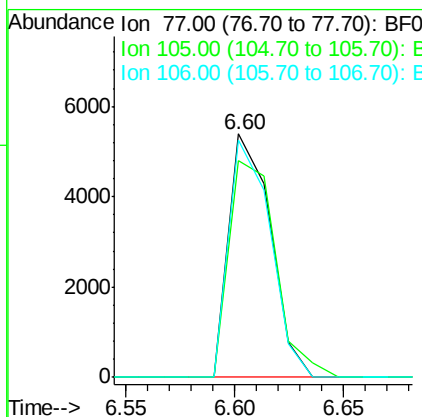
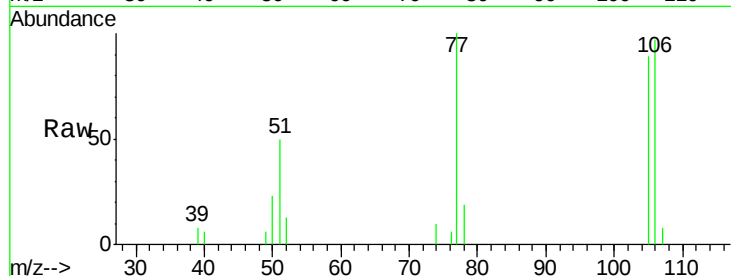
ClientSampleId :

PB82152BSD

Tot Ion:	77	Resp:	7172
Ion	Ratio	Lower	Upper
77	100		
105	89.1	78.8	118.8
106	97.4	73.7	113.7

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#10

Phenol

Concen: 39.37 ng

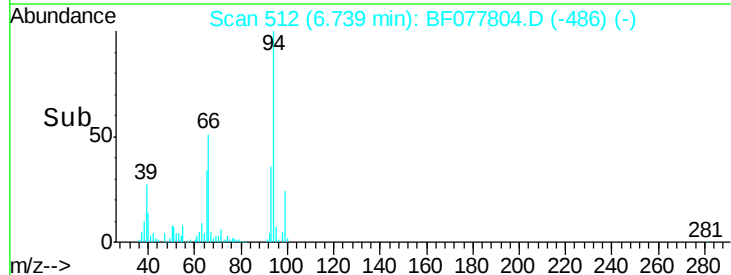
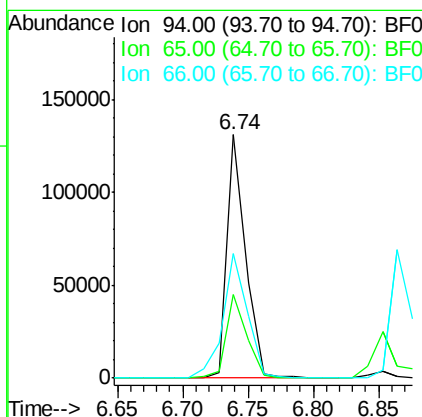
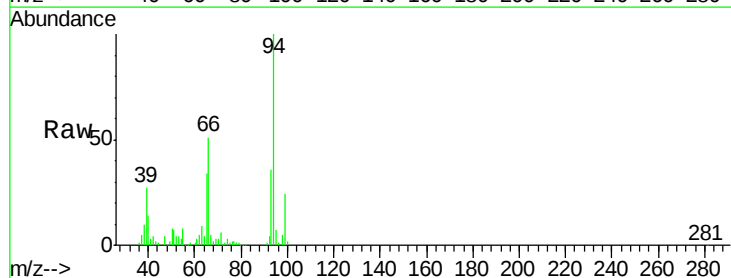
RT: 6.74 min Scan# 512

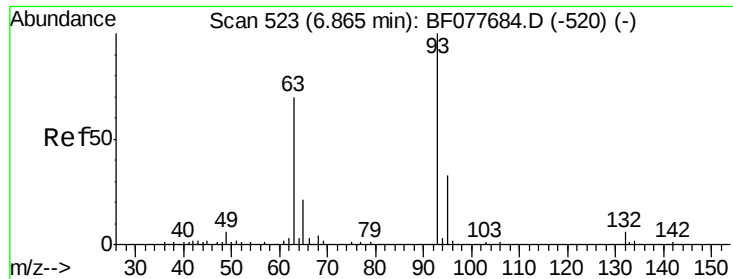
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	94	Resp:	130428
Ion	Ratio	Lower	Upper
94	100		
65	34.2	18.8	58.8
66	51.2	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 40.67 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

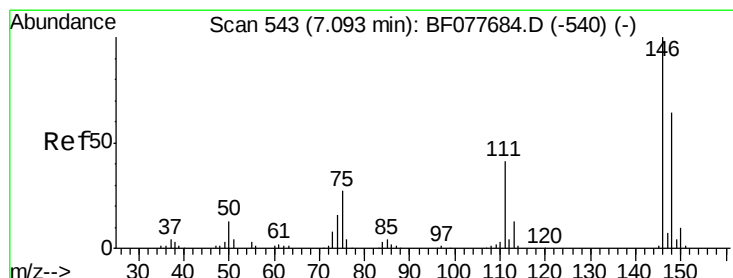
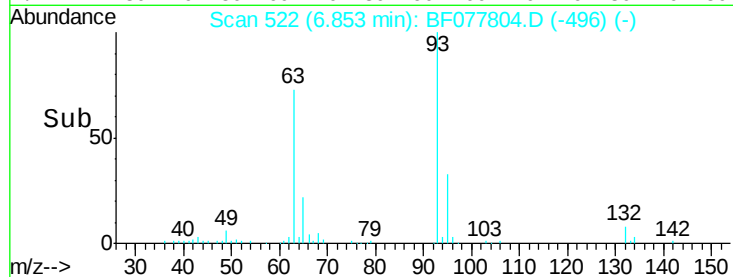
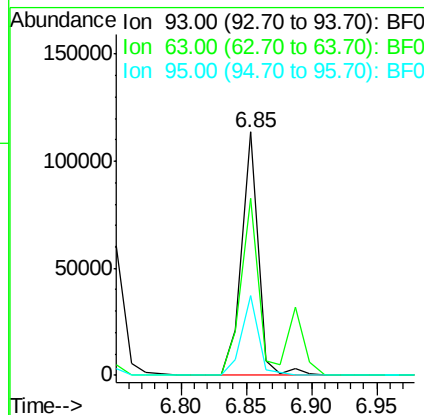
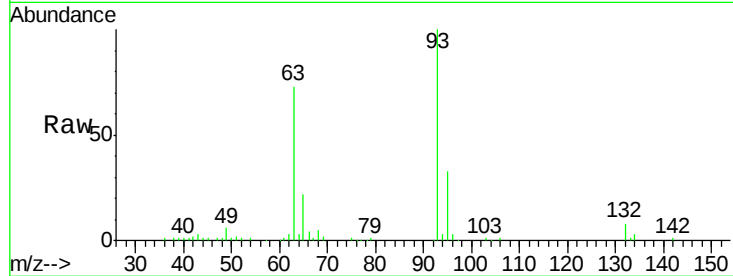
ClientSampleId :

PB82152BSD

Tot Ion:	93	Resp:	100909
Ion Ratio	Lower	Upper	
93	100		
63	72.6	49.5	89.5
95	32.9	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 37.09 ng

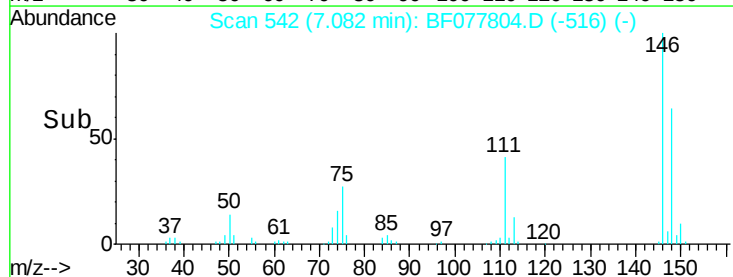
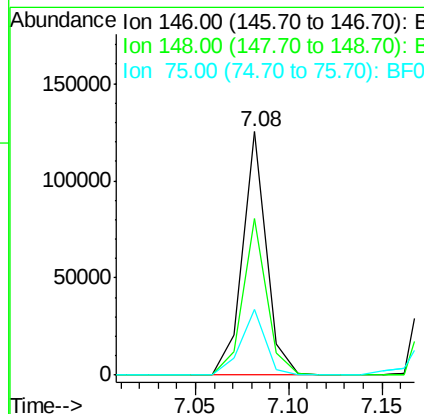
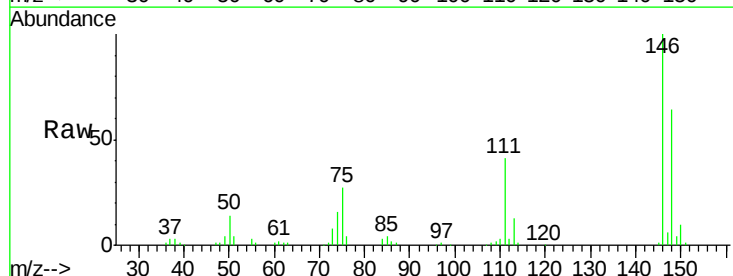
RT: 7.08 min Scan# 542

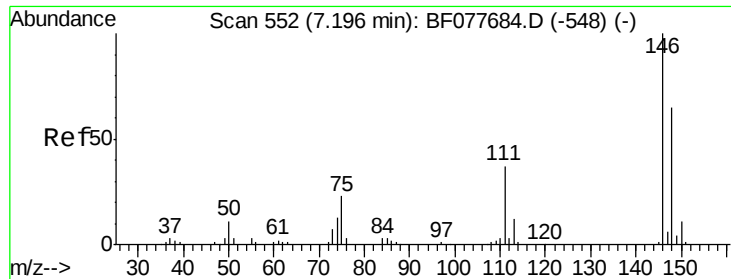
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	146	Resp:	111388
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	27.2	21.4	32.2





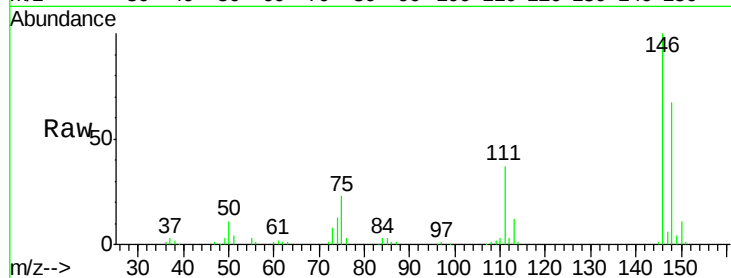
#13
 1,4-Dichlorobenzene
 Concen: 35.80 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

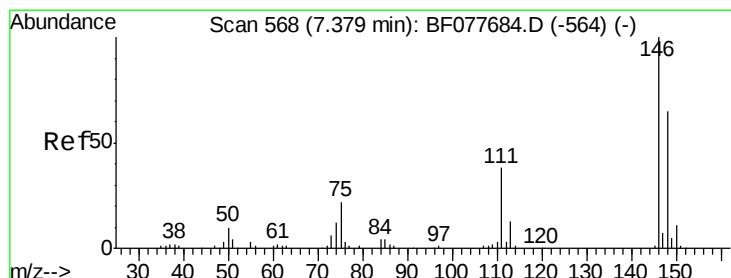
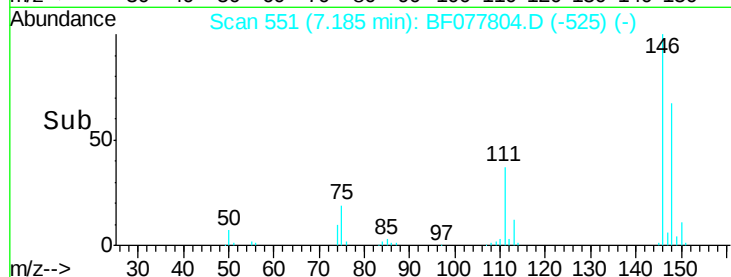
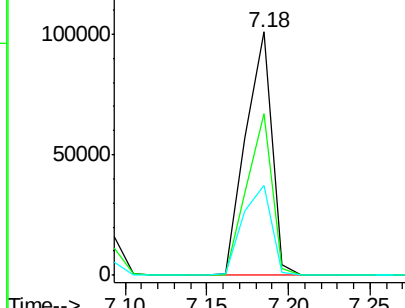
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.9	77.9
111	36.8	29.2	43.8

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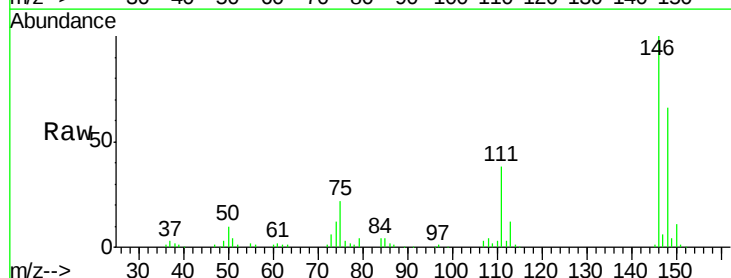


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

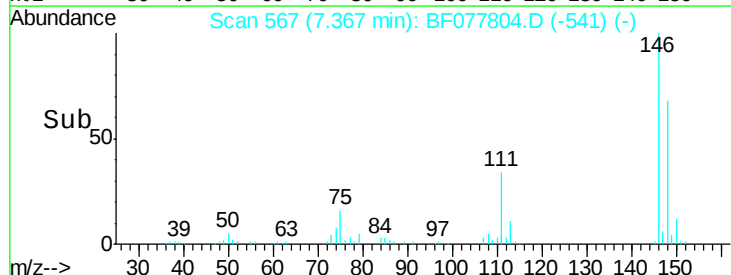
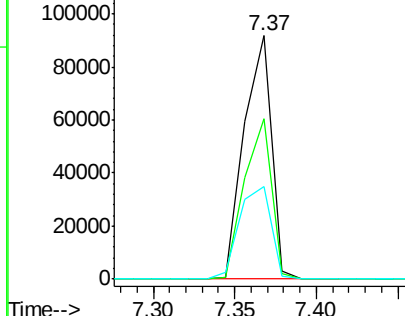


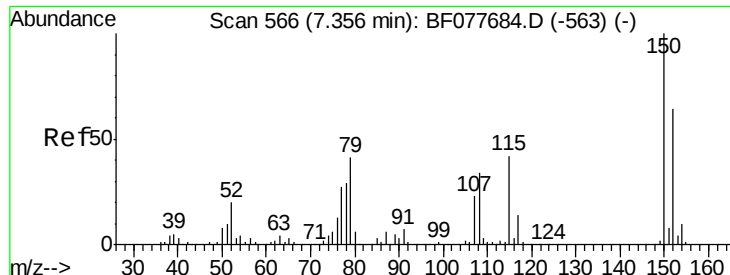
#14
 1,2-Dichlorobenzene
 Concen: 37.22 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.3	78.5
111	38.0	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





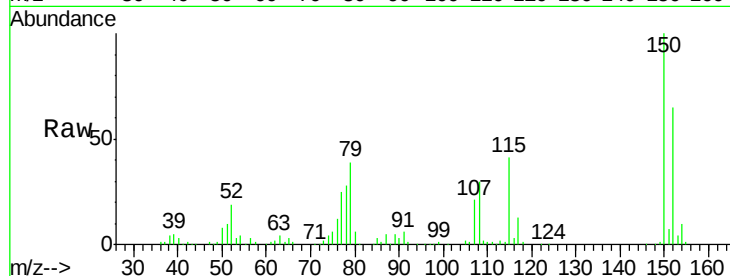
#15
Benzyl Alcohol
Concen: 38.51 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

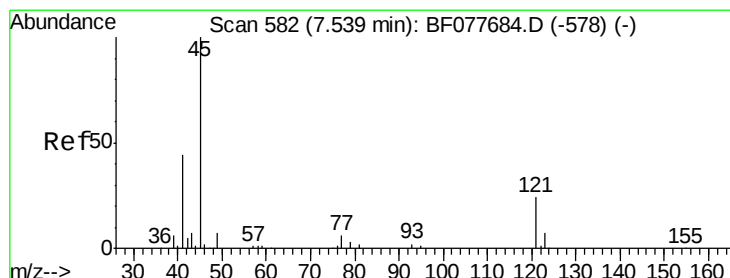
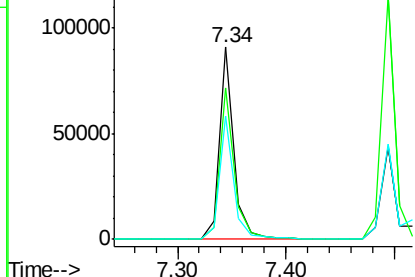
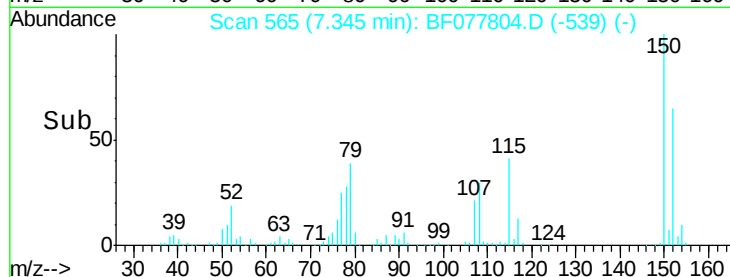
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	65.0	97.4
77	64.2	53.0	79.6

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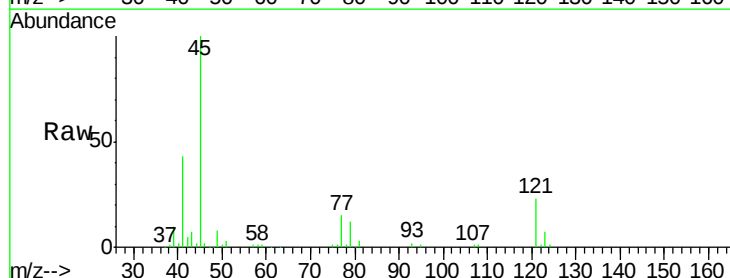


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

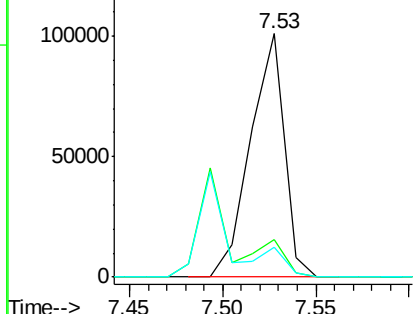
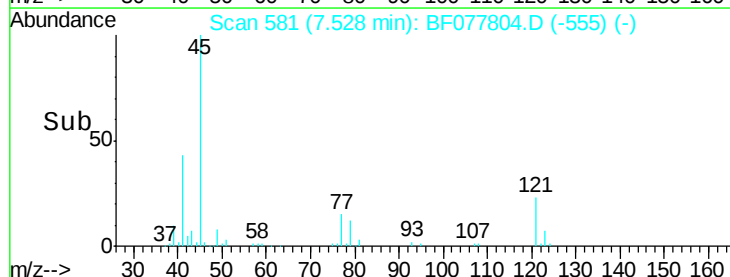


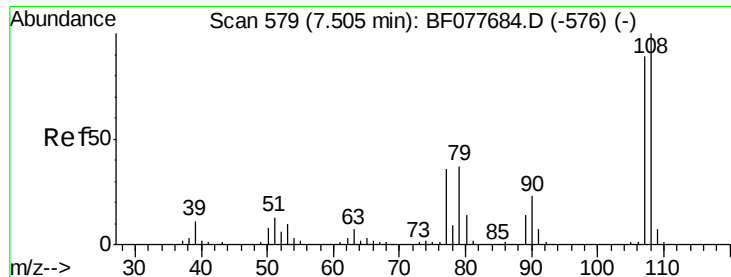
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.95 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.2
79	12.2	0.0	32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.24 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

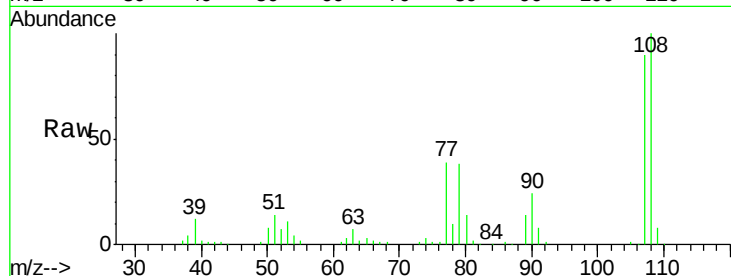
ClientSampleId :

PB82152BSD

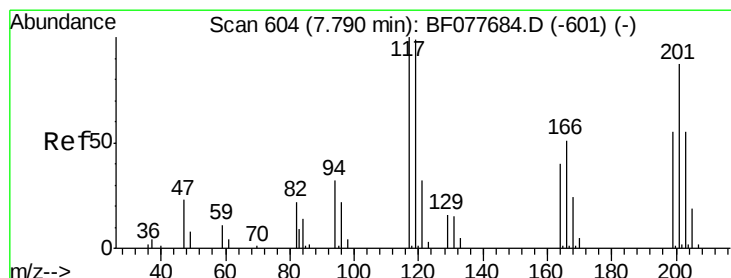
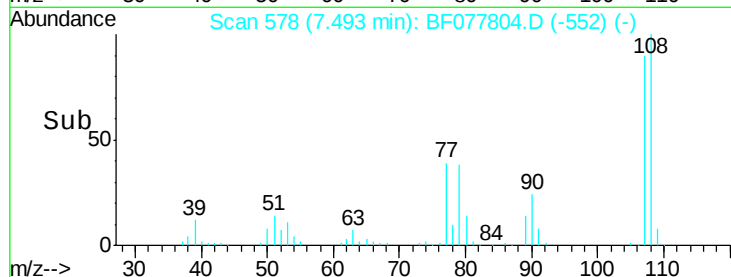
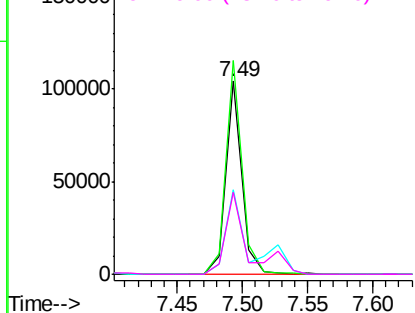
Tot Ion:	107	Resp:	88455
Ion Ratio	Lower	Upper	
107	100		
108	110.8	89.8	134.8
77	43.6	32.6	48.8
79	42.2	32.8	49.2

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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: 37.10 ng

RT: 7.78 min Scan# 603

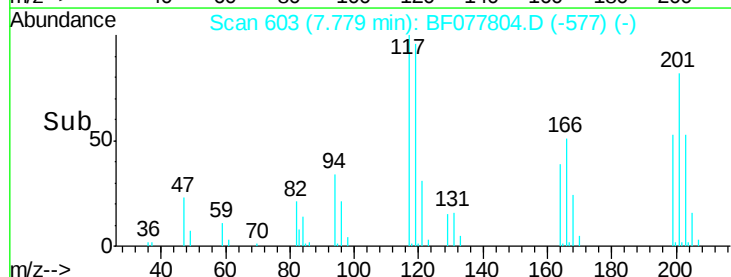
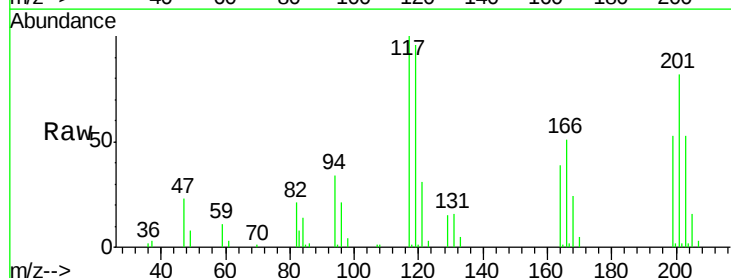
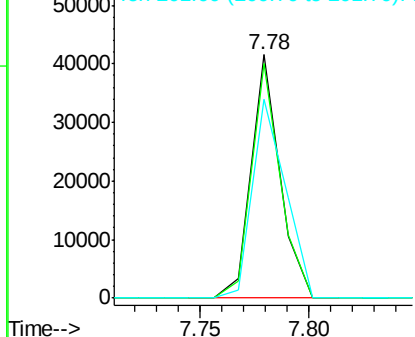
Delta R.T. 0.00 min

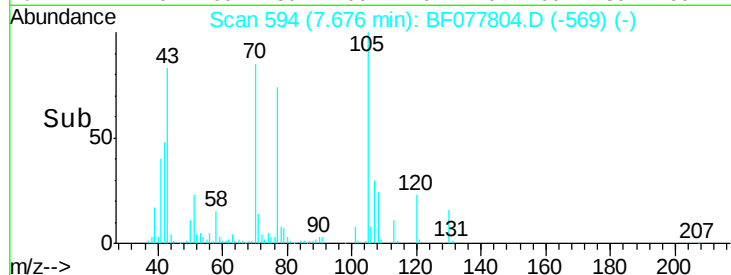
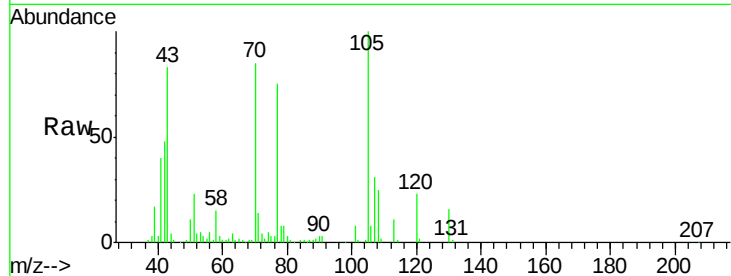
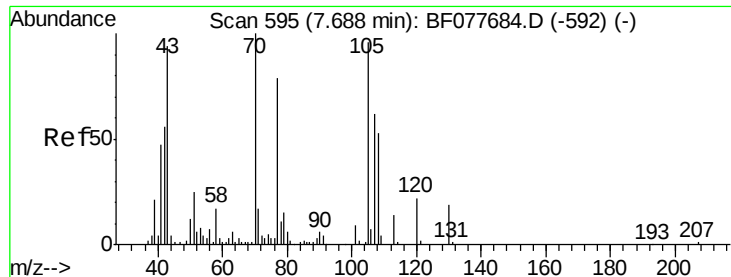
Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	117	Resp:	37963
Ion Ratio	Lower	Upper	
117	100		
119	96.4	79.2	118.8
201	81.5	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





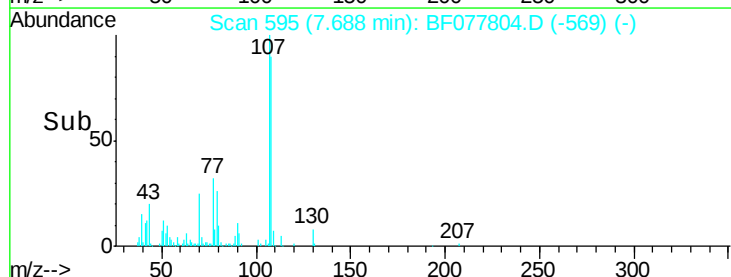
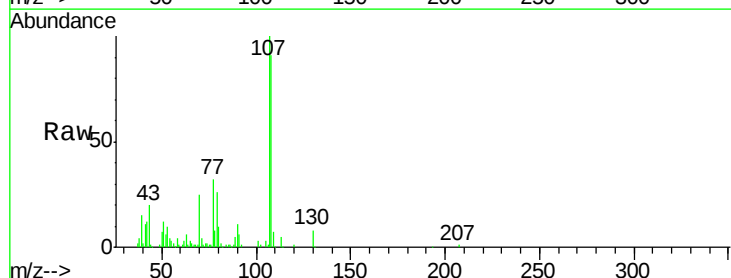
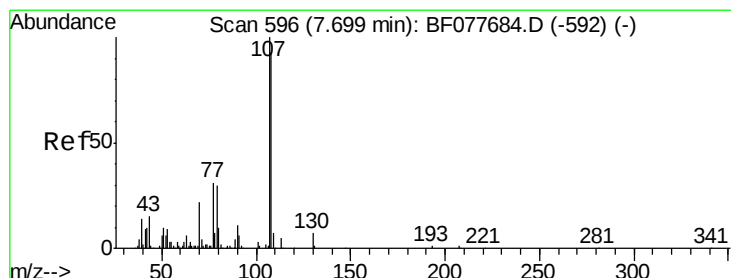
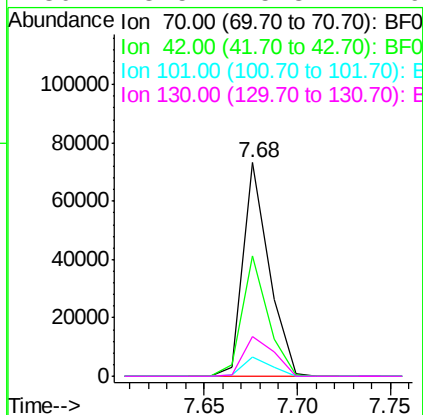
#19
n-Nitroso-di-n-propylamine
Concen: 36.49 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

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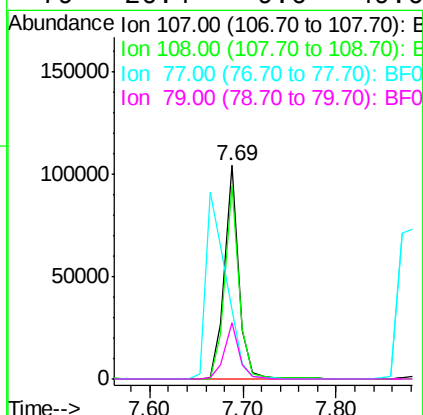
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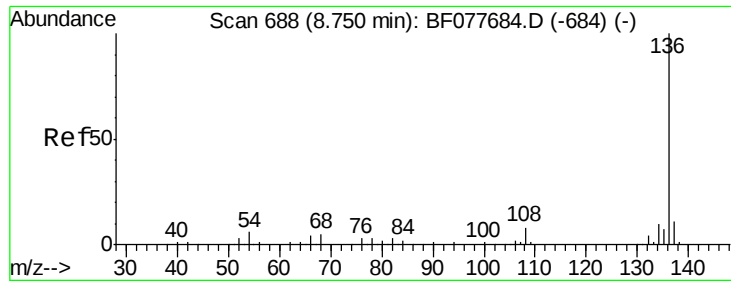
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	44.5	66.7	
101	9.0	7.4	11.2	
130	18.5	15.3	22.9	



#20
3+4-Methylphenols
Concen: 38.68 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	73.2	113.2	
77	32.2	10.7	50.7	
79	26.4	9.6	49.6	





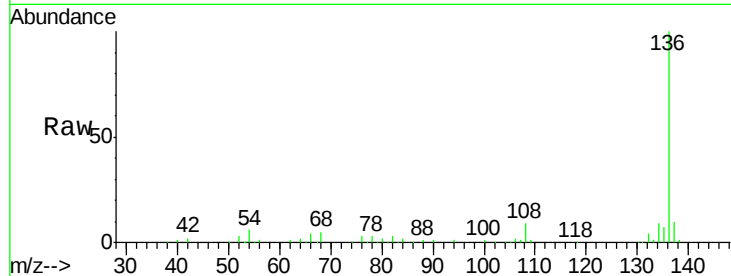
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

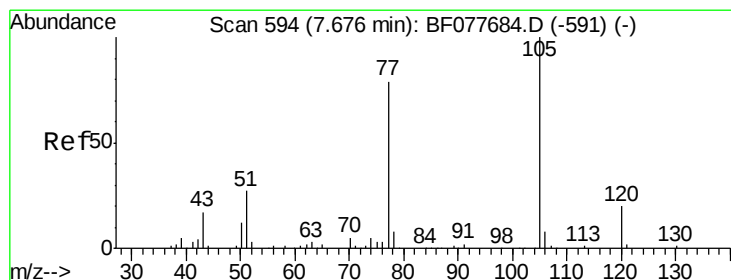
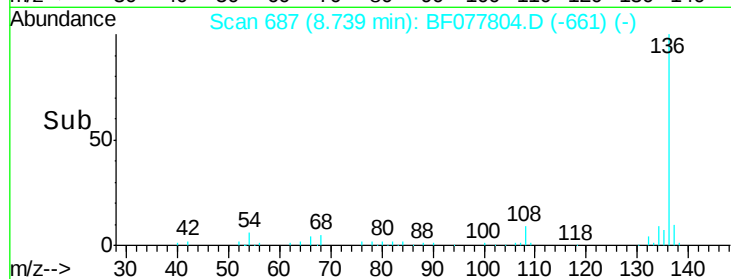
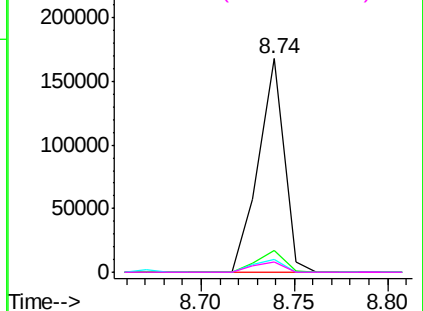
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		160684		
137	10.2		8.7	13.1	
54	6.0		4.6	6.8	
68	4.8		3.7	5.5	

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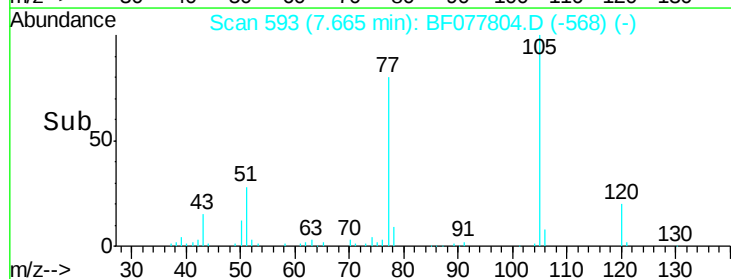
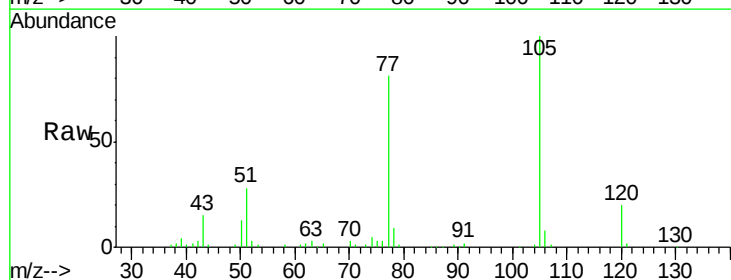
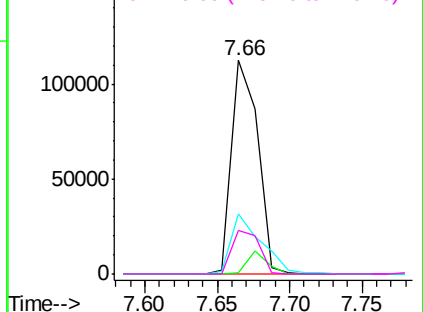
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

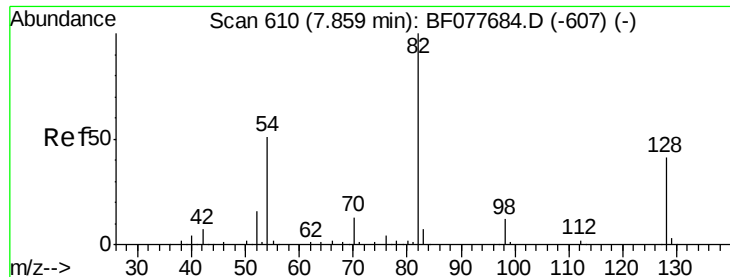


#22
Acetophenone
Concen: 39.67 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		141123		
71	0.6		0.6	1.0#	
51	28.1		21.6	32.4	
120	20.2		16.1	24.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





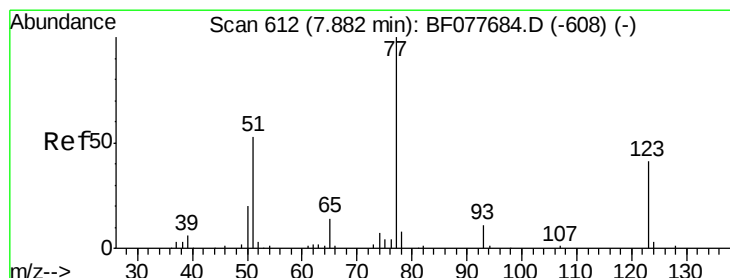
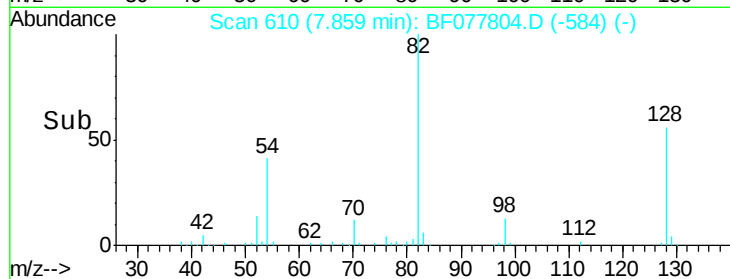
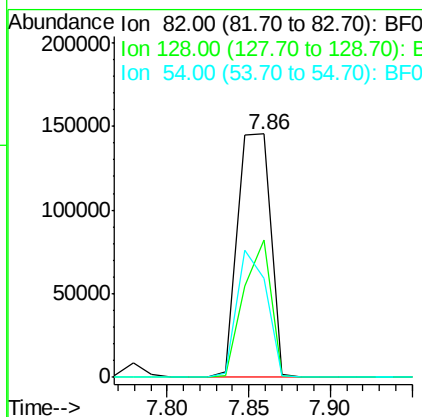
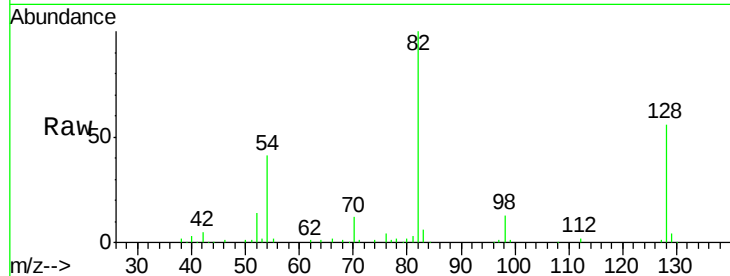
#23
 Nitrobenzene-d5
 Concen: 82.97 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleID :
 PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	203376		
128	56.3	32.8	49.2#	
54	40.8	40.6	60.8	

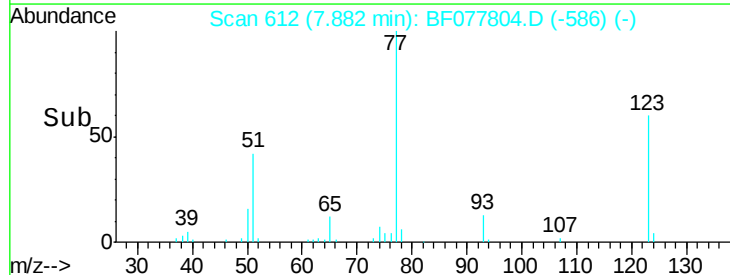
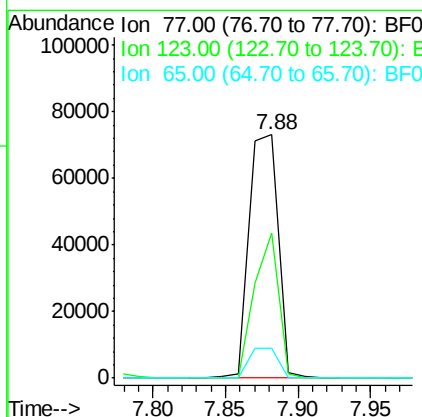
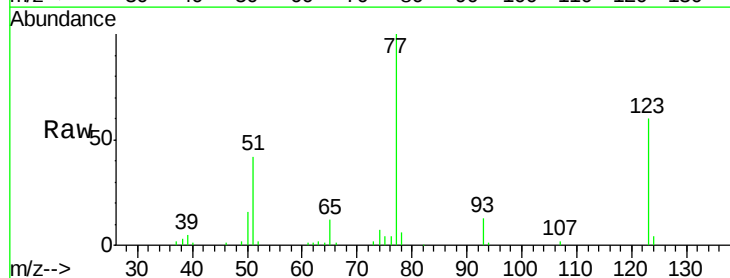
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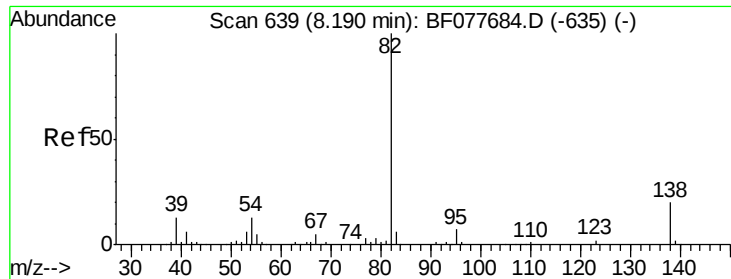
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#24
 Nitrobenzene
 Concen: 38.45 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	101535		
123	59.7	32.6	49.0#	
65	12.4	10.9	16.3	





#25

Isophorone

Concen: 38.93 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

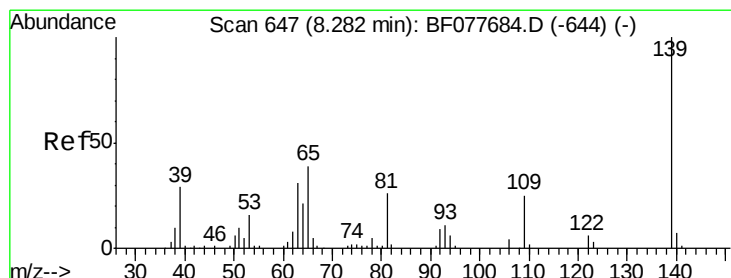
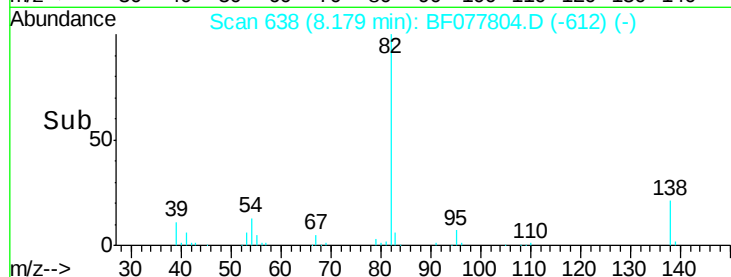
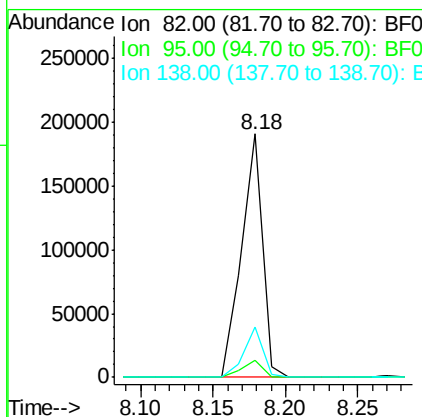
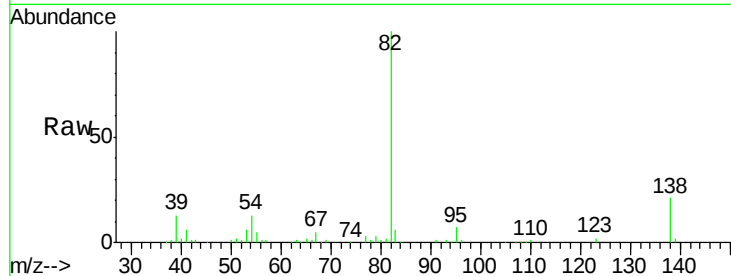
ClientSampleId :

PB82152BSD

Tot Ion:	82	Resp:	192715
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.8	8.6
138	20.6	16.3	24.5

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#26

2-Nitrophenol

Concen: 39.85 ng

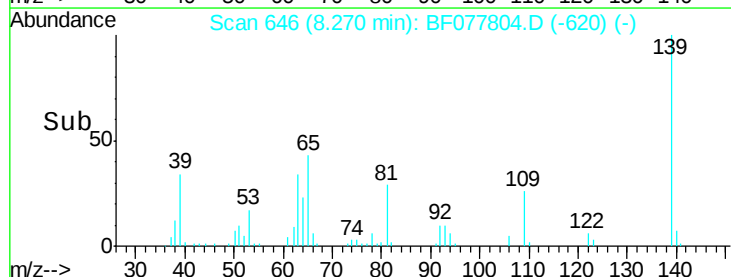
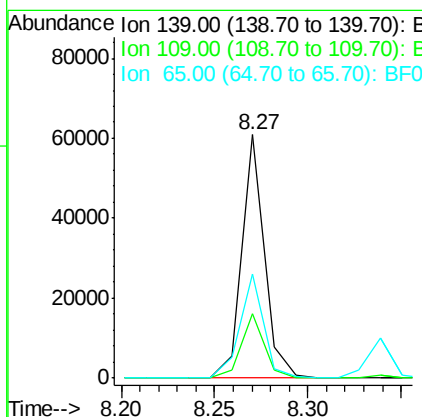
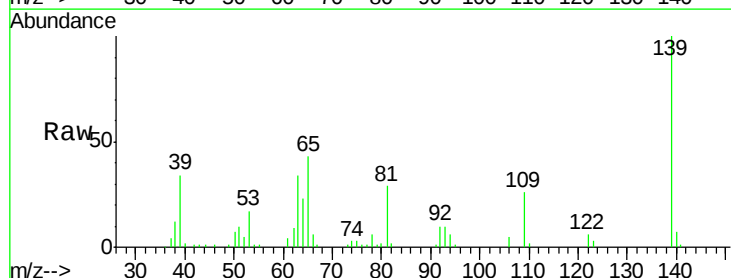
RT: 8.27 min Scan# 646

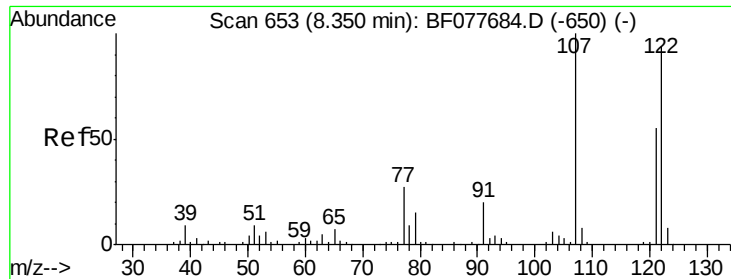
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	139	Resp:	51527
Ion Ratio		Lower	Upper
139	100		
109	26.3	20.1	30.1
65	42.9	31.5	47.3





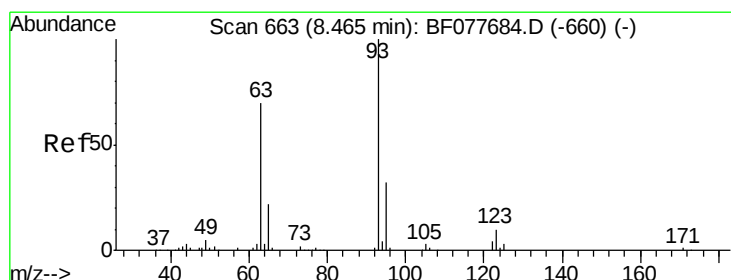
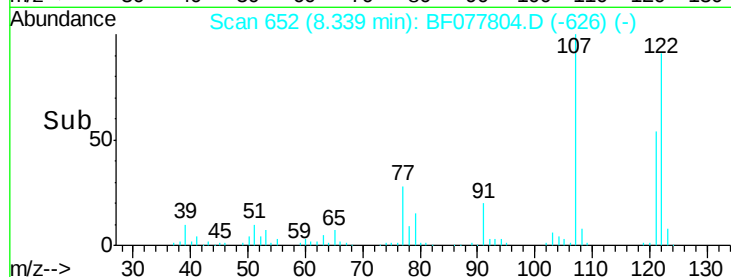
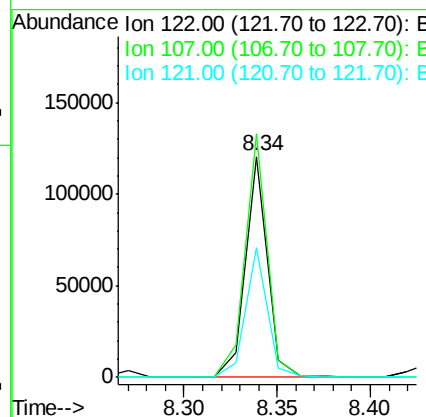
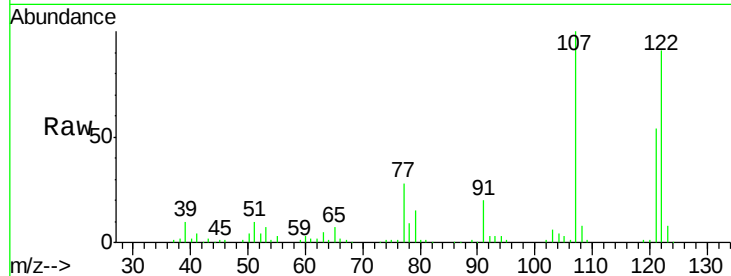
#27
2,4-Dimethylphenol
Concen: 42.52 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	100142		
107	110.3	84.7	127.1	
121	59.0	46.6	69.8	

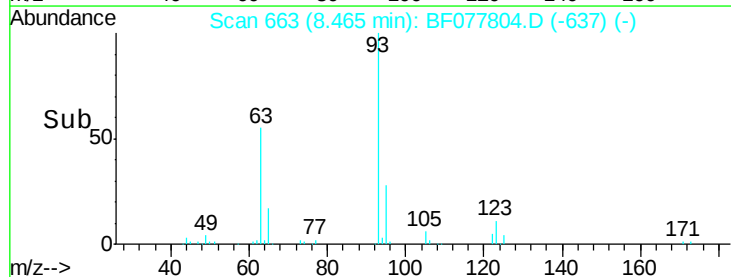
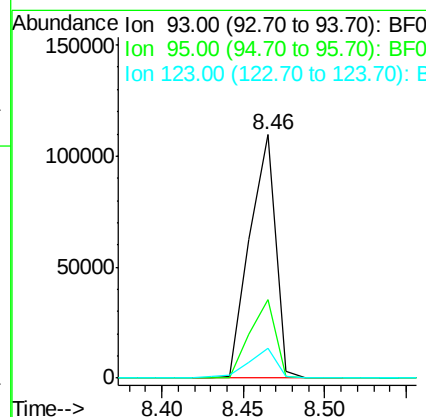
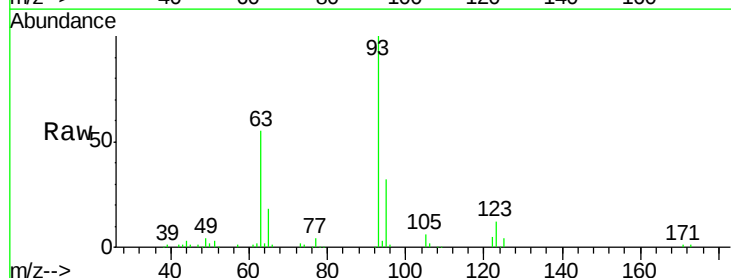
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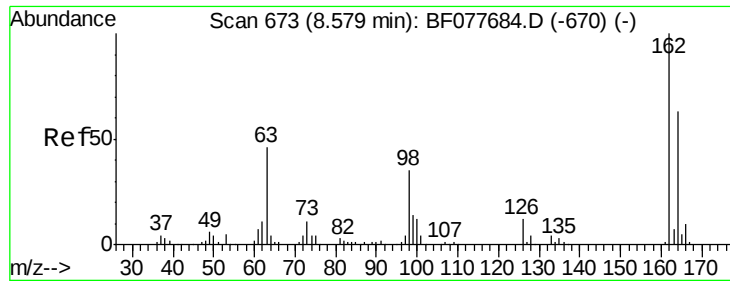
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#28
bis(2-Chloroethoxy)methane
Concen: 40.11 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	120520		
95	32.2	25.5	38.3	
123	12.1	8.6	13.0	





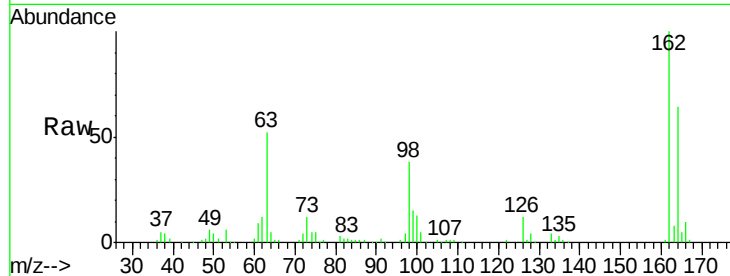
#29
2,4-Dichlorophenol
Concen: 41.76 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

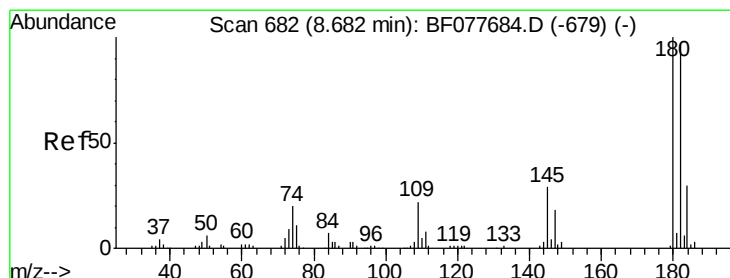
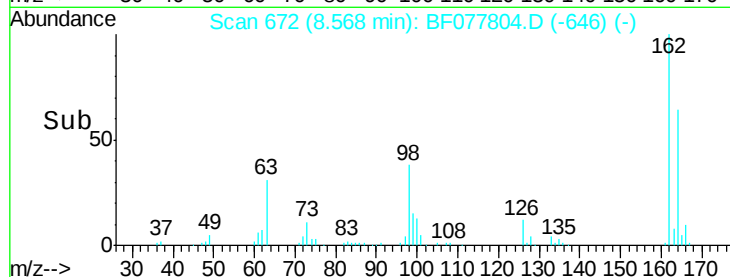
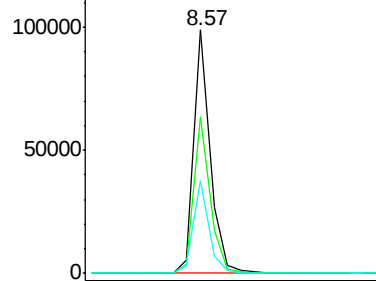
Tot Ion	Ratio	Resp	Lower	Upper
162	100	93753		
164	64.2	42.8	82.8	
98	38.0	14.5	54.5	

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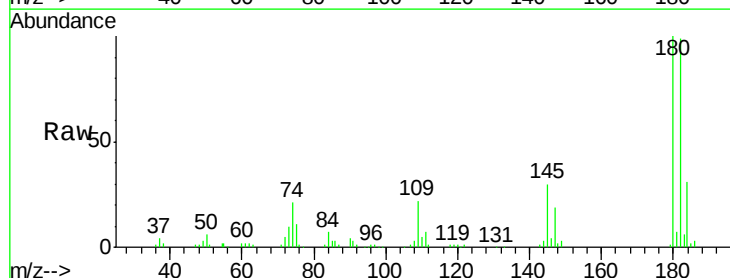


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

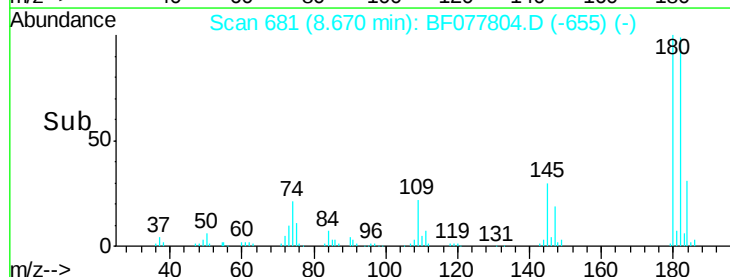
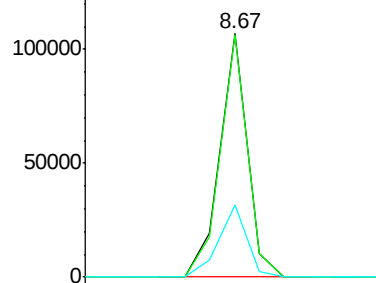


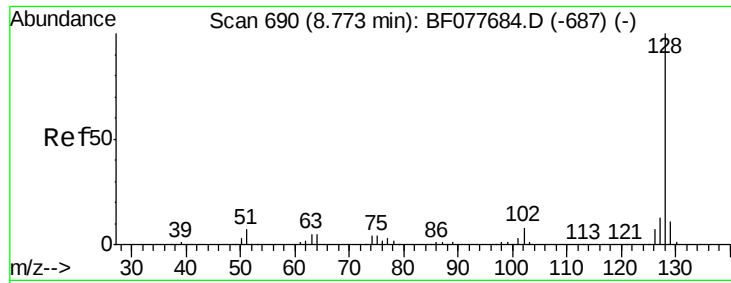
#30
1,2,4-Trichlorobenzene
Concen: 37.34 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93795		
182	99.5	77.6	116.4	
145	29.8	23.4	35.2	



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





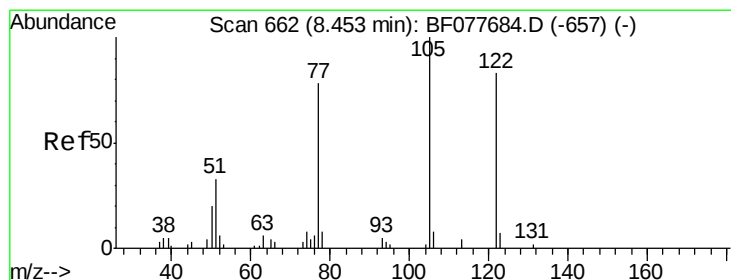
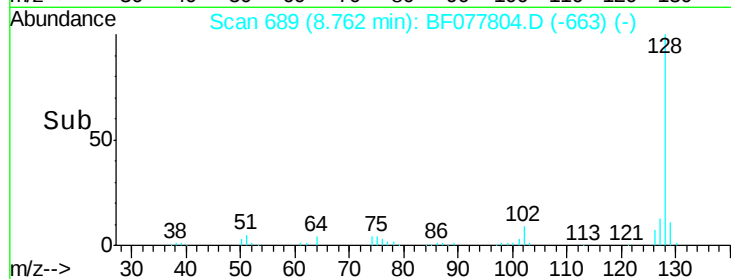
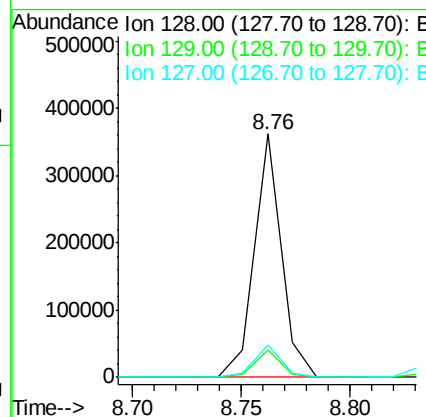
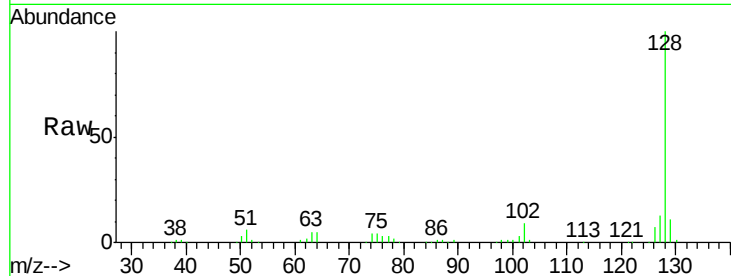
#31
Naphthalene
Concen: 37.88 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	312597		
129	11.4	8.9	13.3	
127	13.4	10.4	15.6	

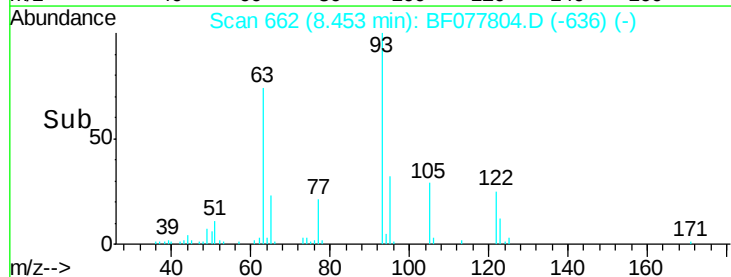
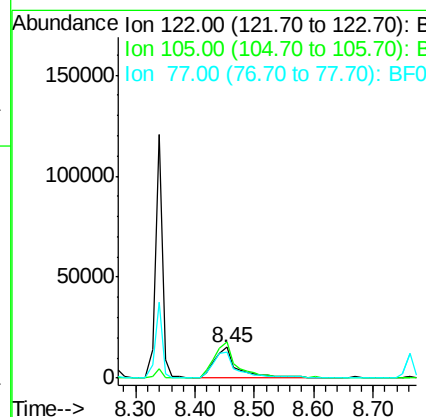
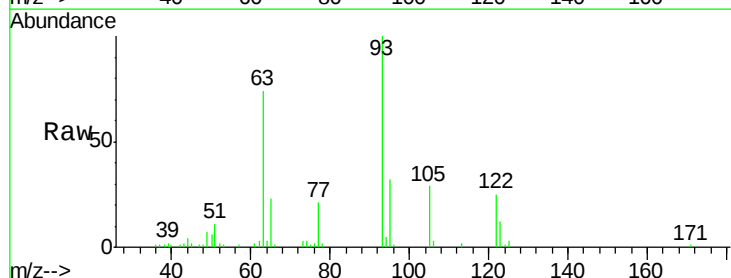
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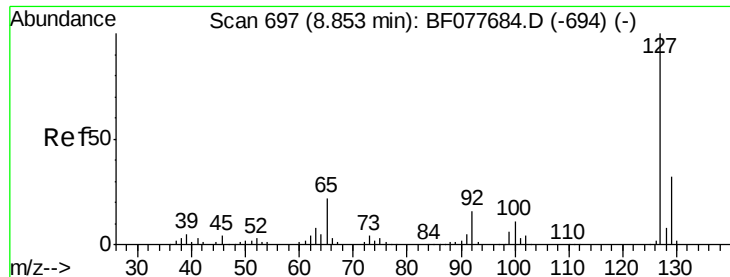
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#32
Benzoic acid
Concen: 31.35 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	39683		
105	117.5	99.9	139.9	
77	86.0	73.7	113.7	





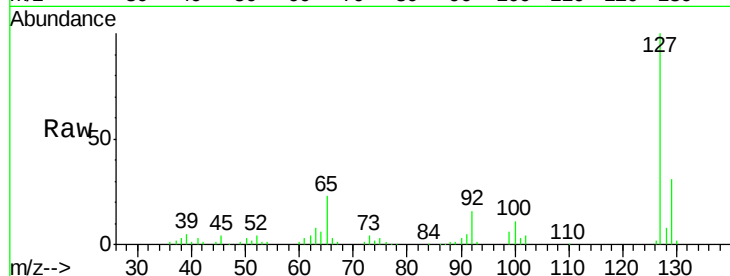
#33
4-Chloroaniline
Concen: 23.87 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

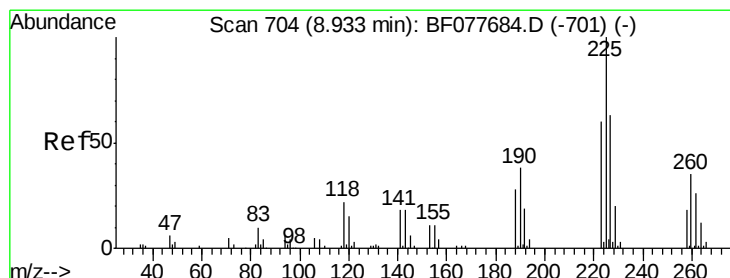
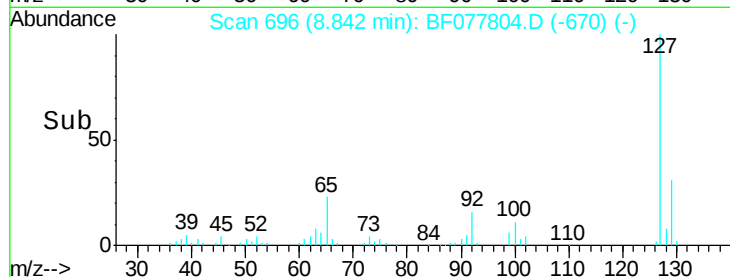
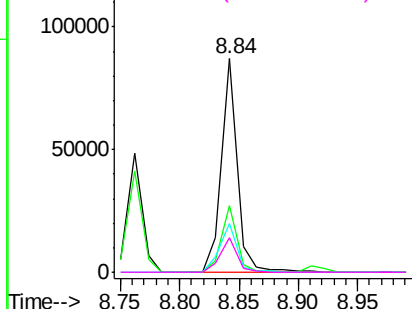
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.3	37.9	
65	23.1	17.6	26.4	
92	16.4	13.1	19.7	

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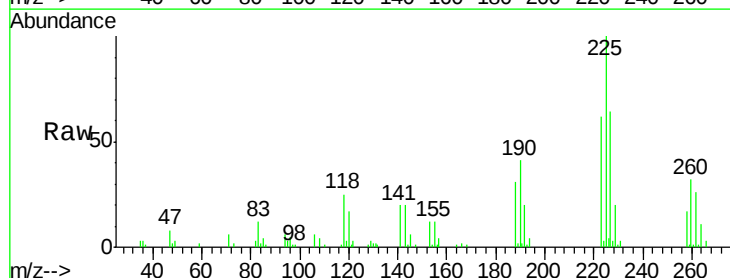


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

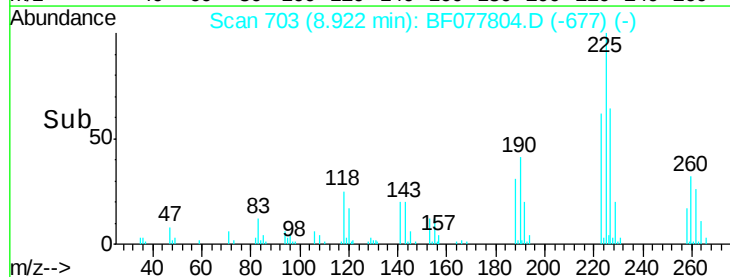
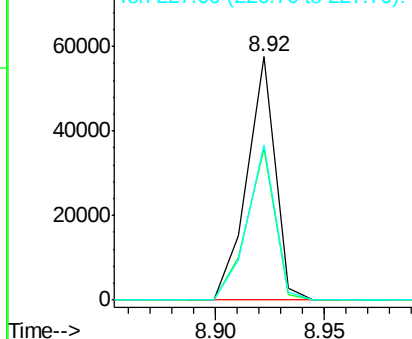


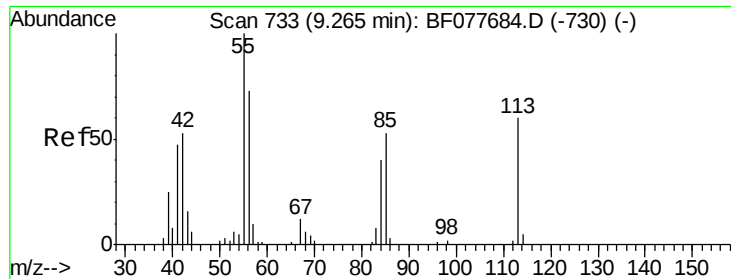
#34
Hexachlorobutadiene
Concen: 36.35 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	47.9	71.9	
227	63.6	50.1	75.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.68 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

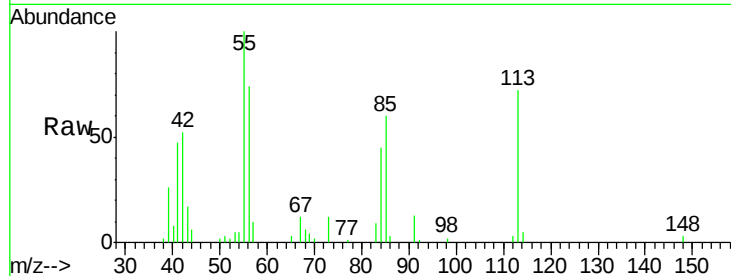
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
113	100		
55	138.3	145.9	185.9#
56	102.9	101.0	141.0

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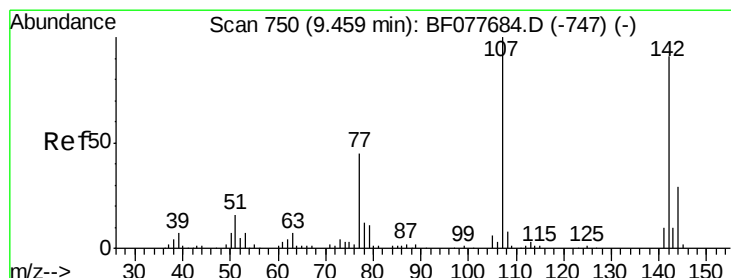
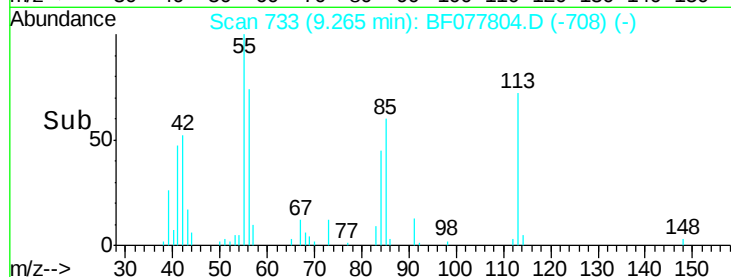
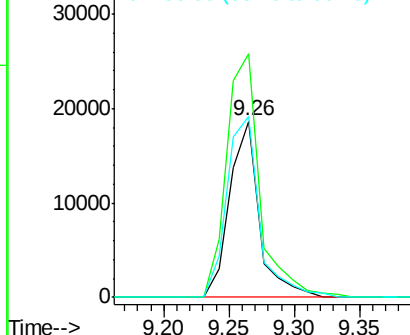
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.45 ng

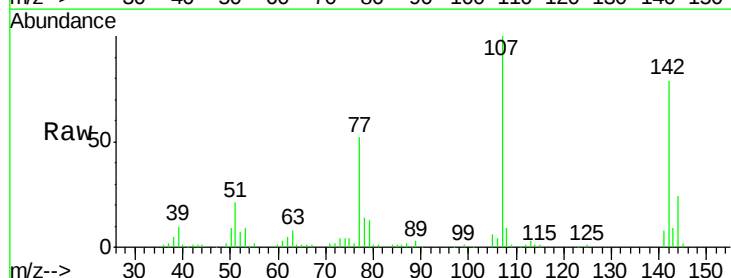
RT: 9.45 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

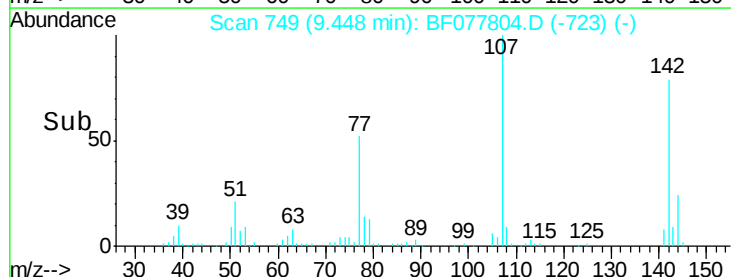
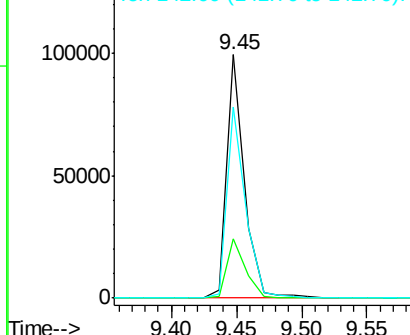
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	23.3	34.9
142	78.7	72.6	109.0

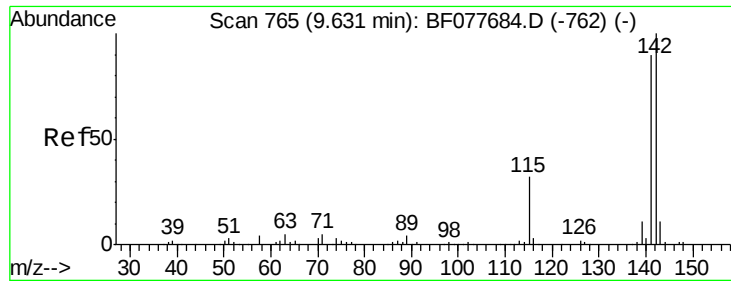


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





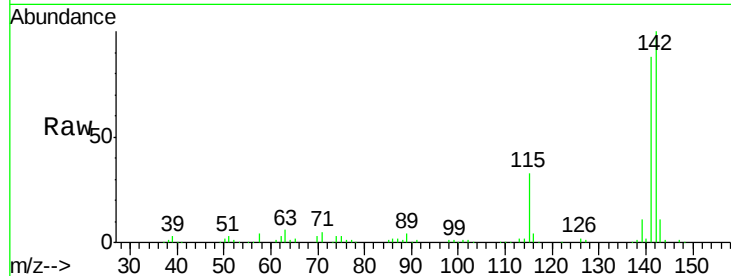
#37
2-Methylnaphthalene
Concen: 40.35 ng
RT: 9.62 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

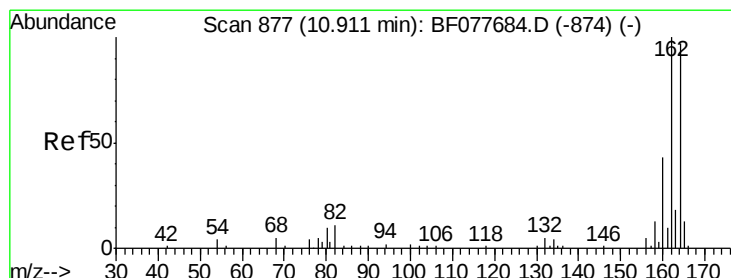
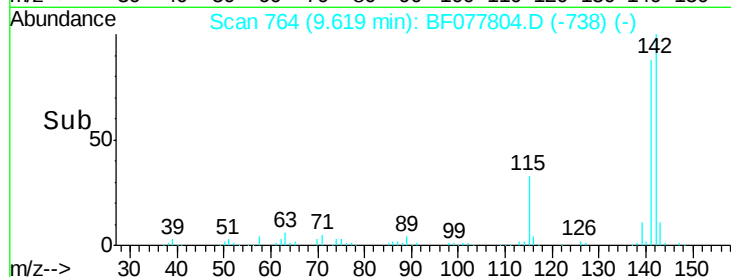
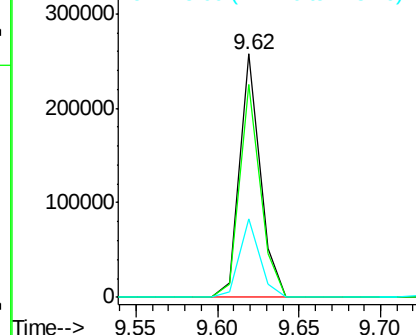
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.9	107.9
115	32.5	25.4	38.0

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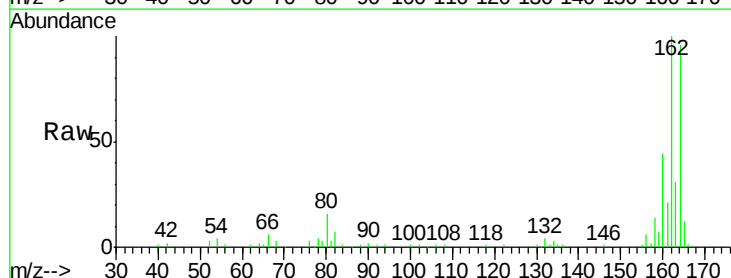


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

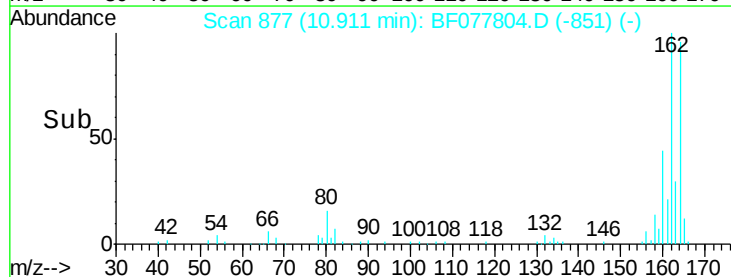
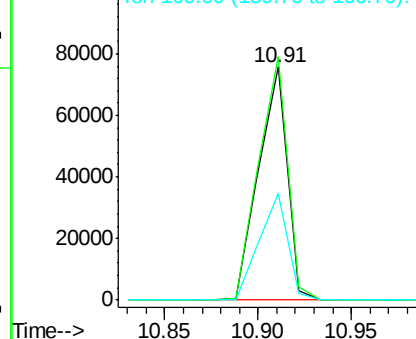


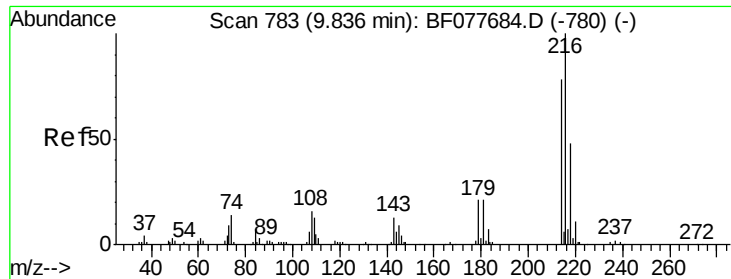
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.4	123.6
160	45.9	35.8	53.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.58 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

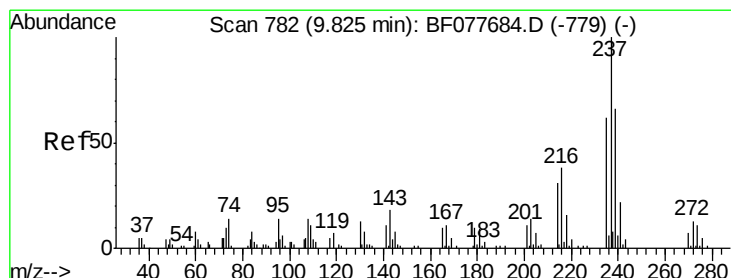
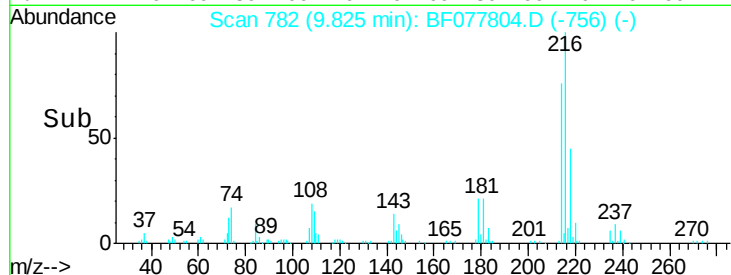
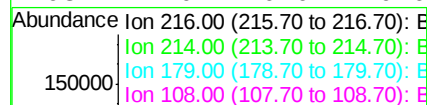
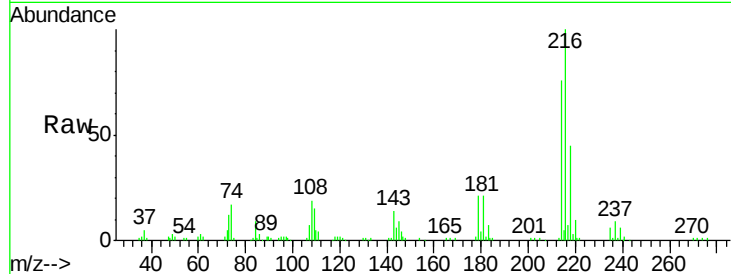
ClientSampleId :

PB82152BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		95734		
214	76.2	0.0	0.0#		
179	21.1	0.0	0.0#		
108	21.0	0.0	0.0#		

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#40

Hexachlorocyclopentadiene

Concen: 71.22 ng

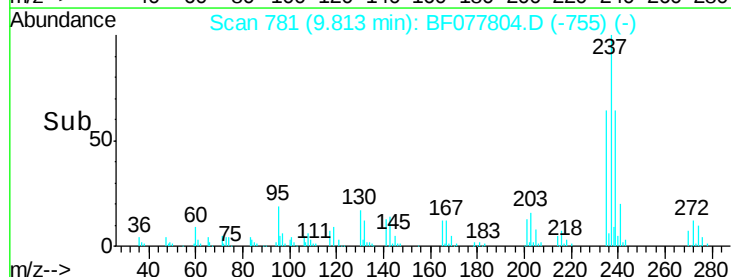
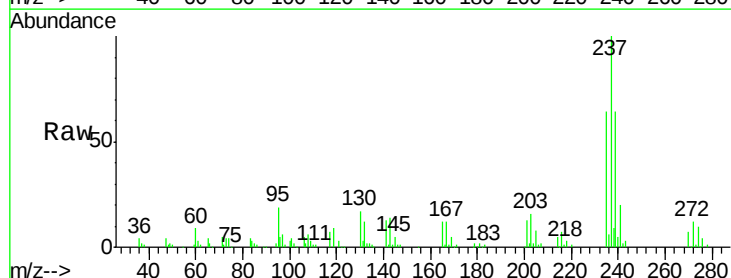
RT: 9.81 min Scan# 781

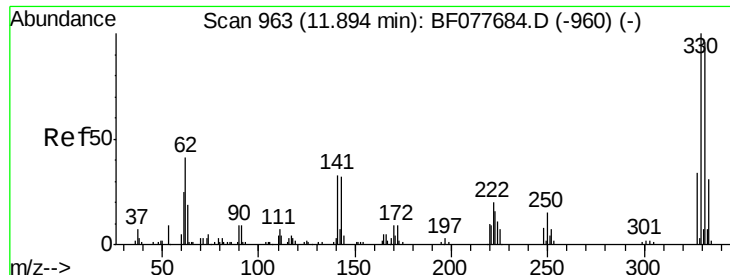
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		85792		
235	64.2	42.0	82.0		
272	12.3	0.0	33.4		





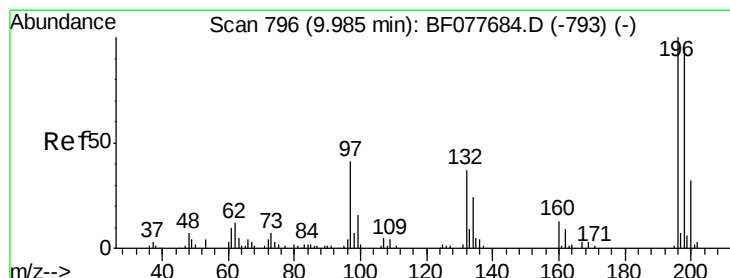
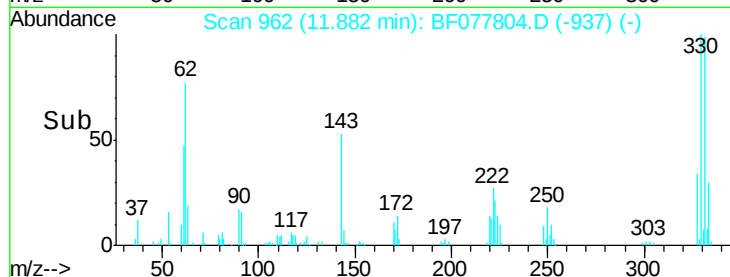
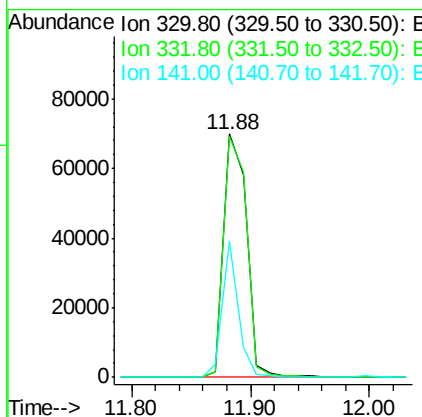
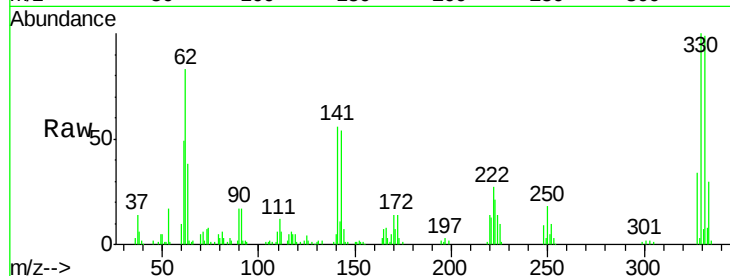
#41
 2,4,6-Tribromophenol
 Concen: 120.28 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleID :
 PB82152BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	99.0	0.0	0.0#
141	38.6	0.0	0.0#

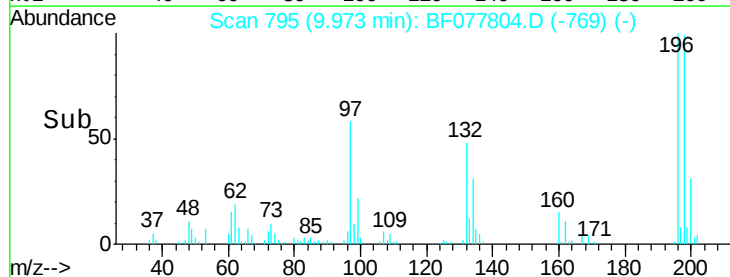
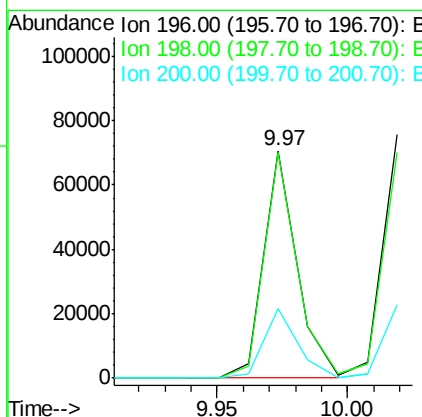
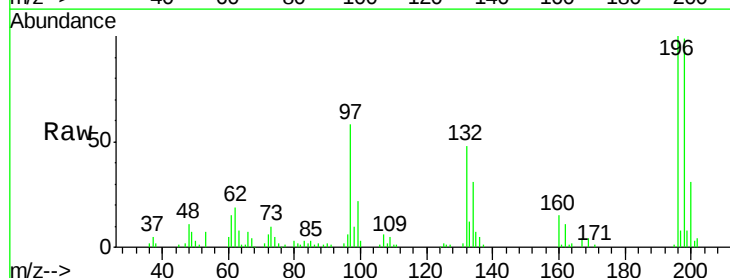
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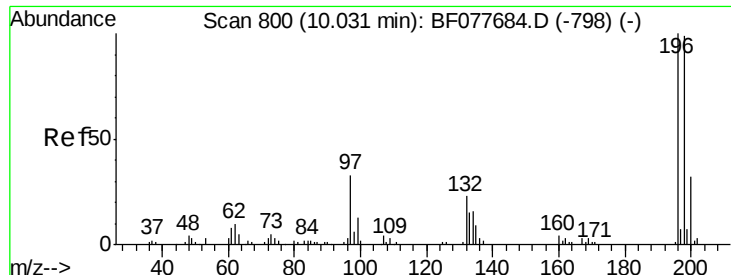
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 37.68 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	99.1	76.3	114.5
200	30.8	25.6	38.4





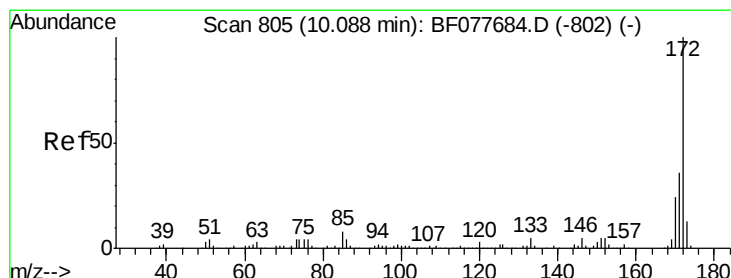
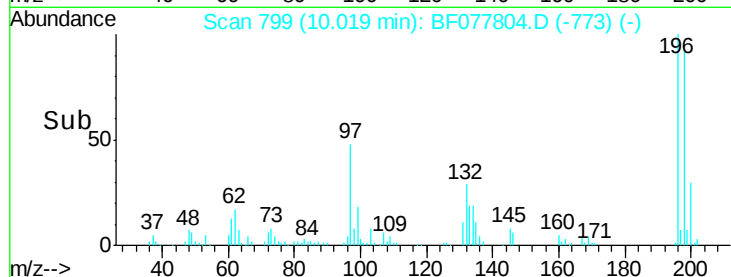
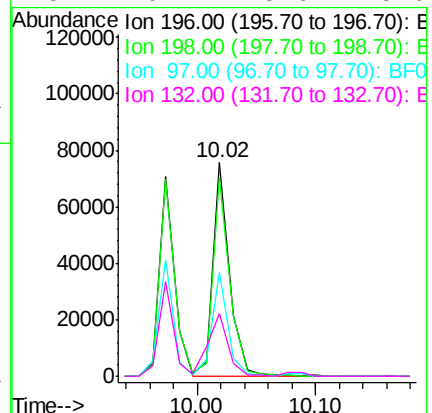
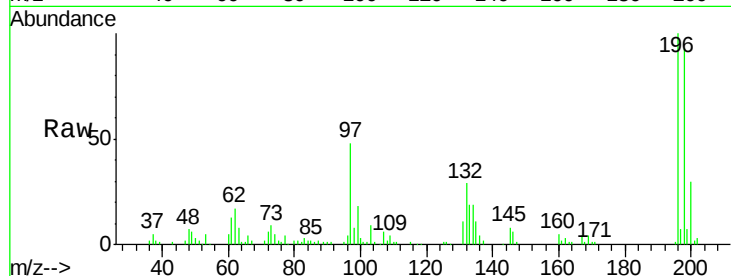
#43
 2,4,5-Trichlorophenol
 Concen: 40.43 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	73176		
198	92.7		79.4	119.0
97	48.4		26.8	40.2#
132	29.4		18.6	28.0#

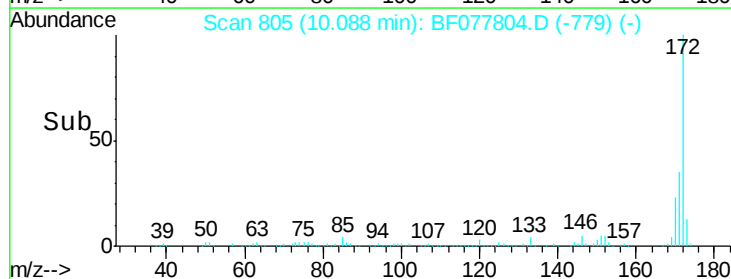
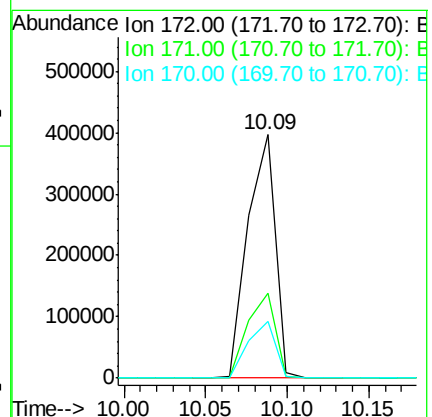
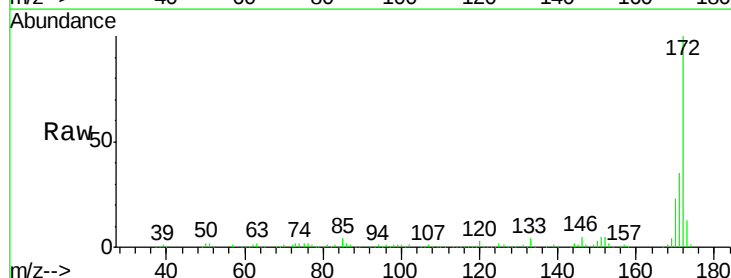
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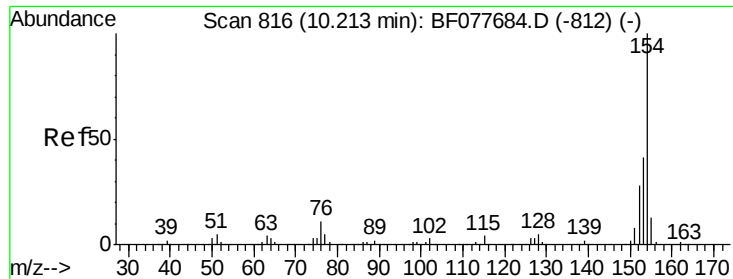
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 83.95 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	463245		
171	34.8		28.5	42.7
170	23.3		18.8	28.2





#45

1,1'-Biphenyl

Concen: 39.90 ng

RT: 10.20 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

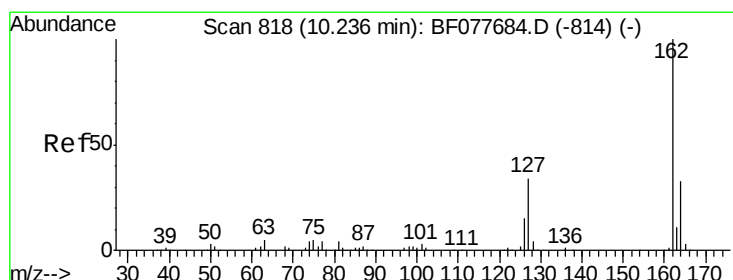
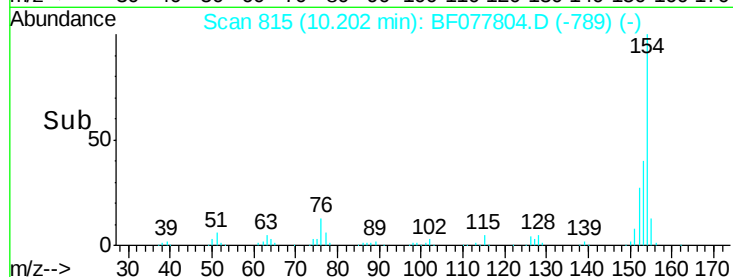
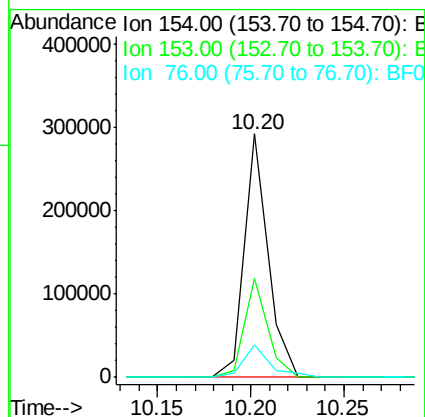
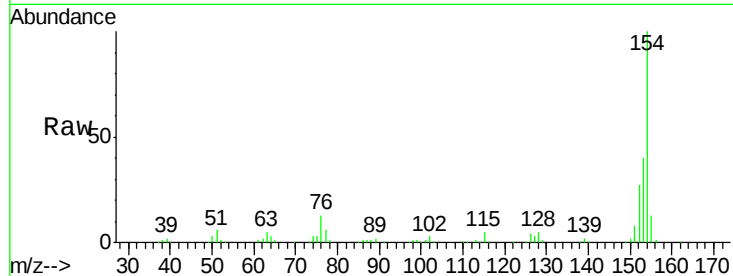
ClientSampleId :

PB82152BSD

Tot Ion:	154	Resp:	258647
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.7	60.7
76	13.2	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 39.87 ng

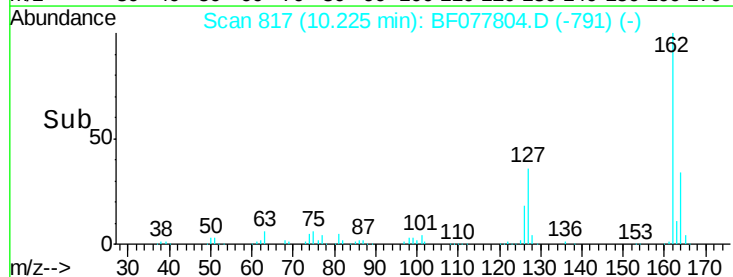
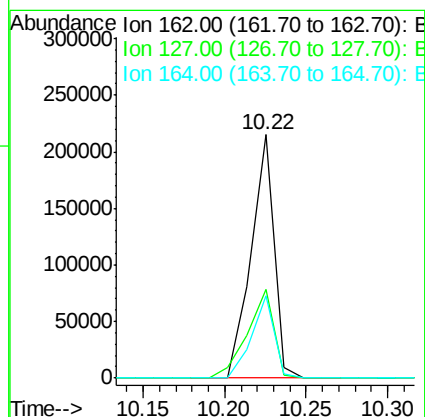
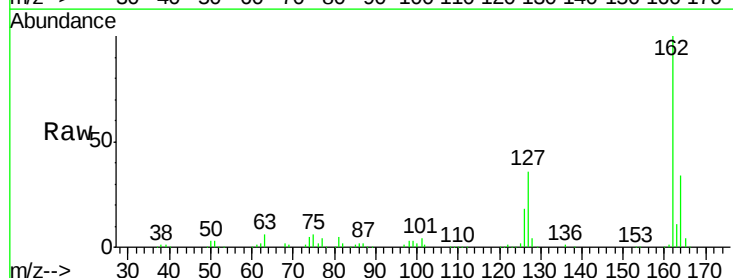
RT: 10.22 min Scan# 817

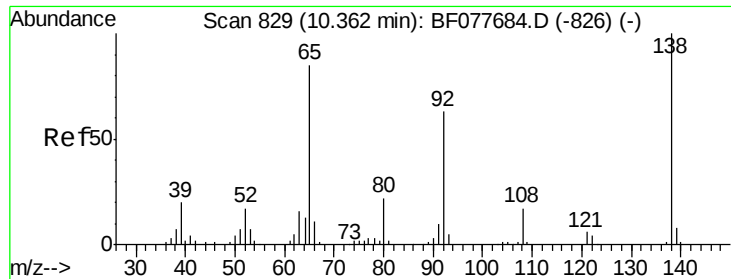
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	162	Resp:	210018
Ion Ratio	Lower	Upper	
162	100		
127	36.4	26.9	40.3
164	33.9	26.8	40.2





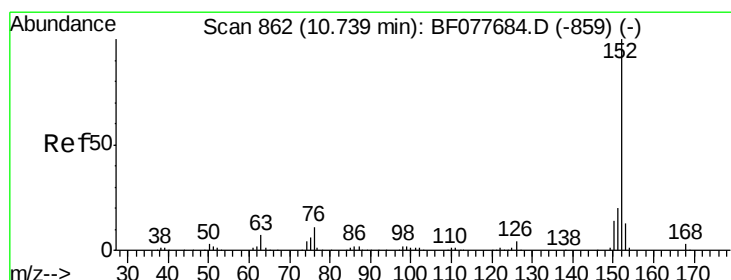
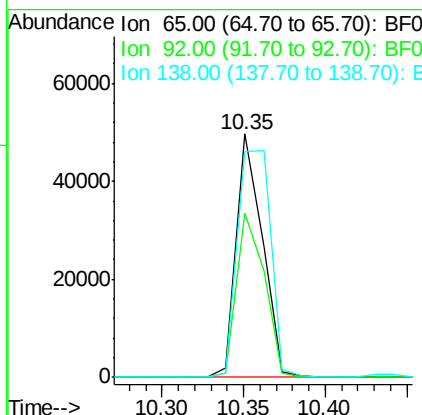
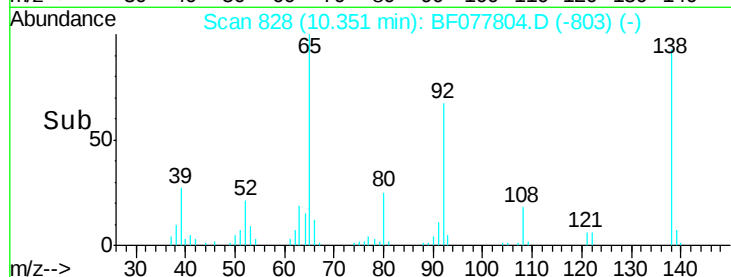
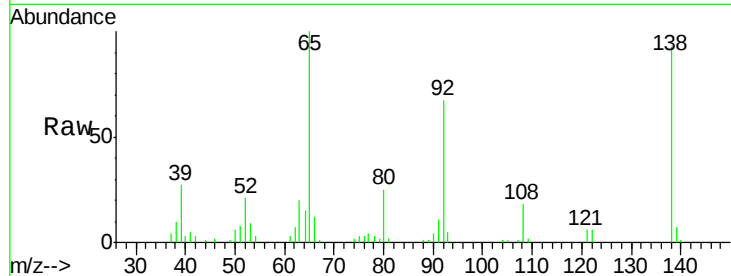
#47
 2-Nitroaniline
 Concen: 41.94 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:	65	Resp:	54868
Ion Ratio	Lower	Upper	
65	100		
92	67.3	59.1	88.7
138	92.8	93.9	140.9

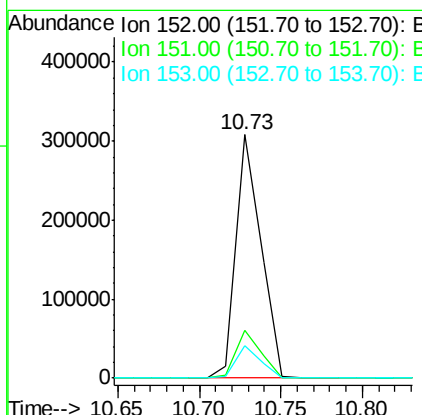
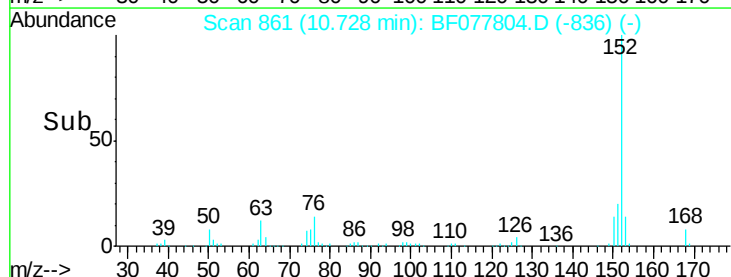
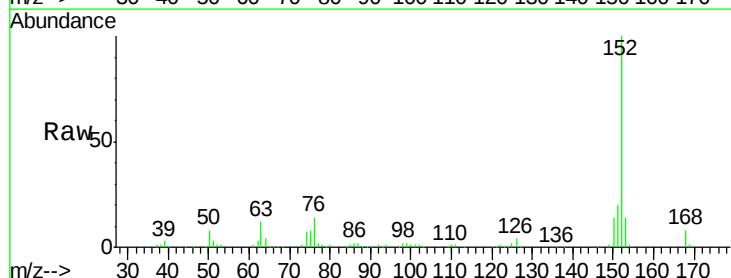
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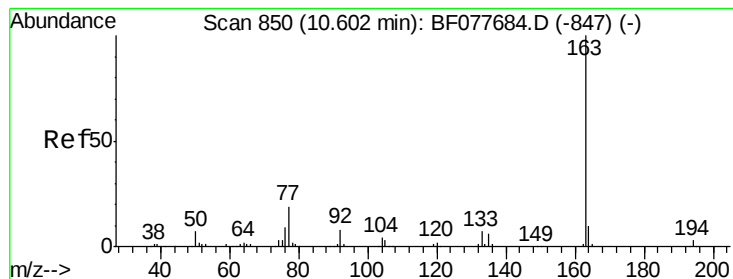
mohammad
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#48
 Acenaphthylene
 Concen: 36.98 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion:	152	Resp:	323978
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.5	10.6	16.0





#49

Dimethylphthalate

Concen: 39.85 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

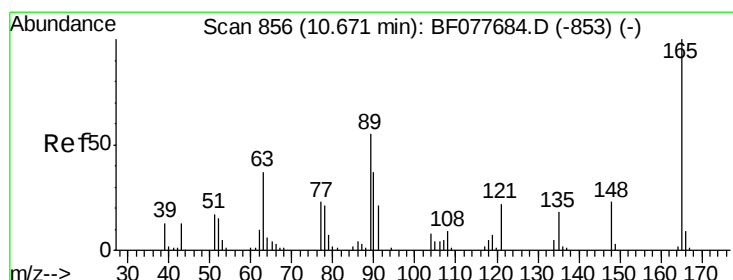
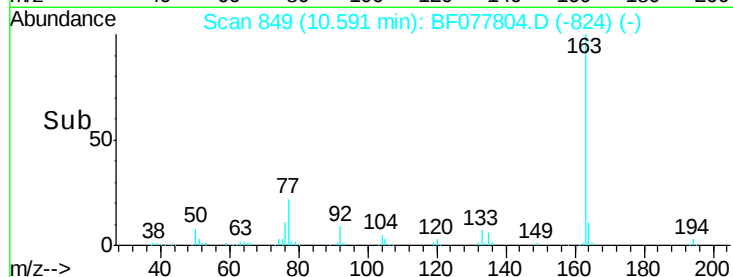
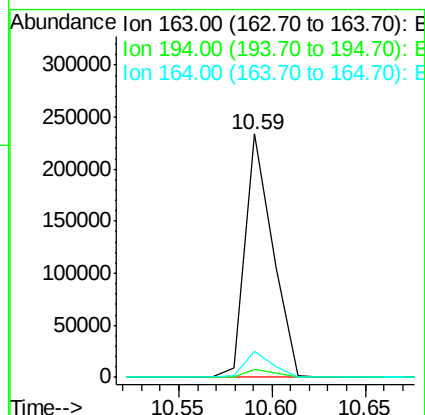
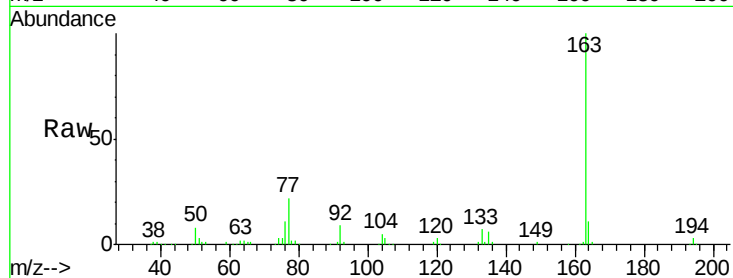
ClientSampleId :

PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	239696		
194	3.2	2.7	4.1	
164	10.5	8.2	12.2	

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#50

2,6-Dinitrotoluene

Concen: 41.37 ng

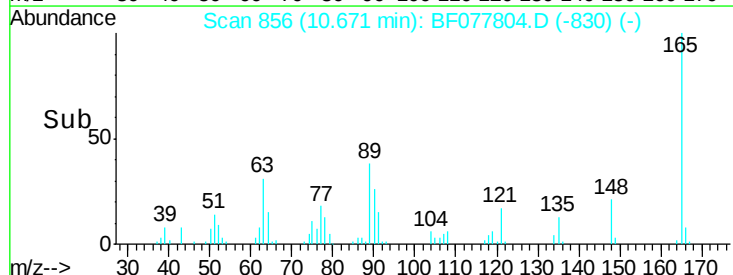
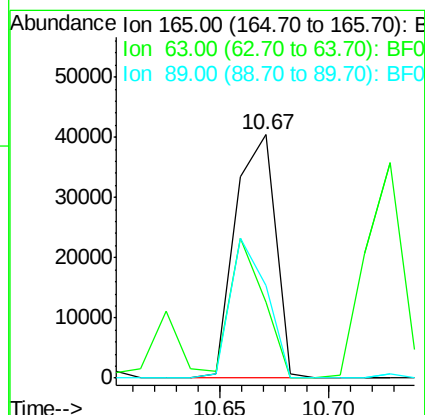
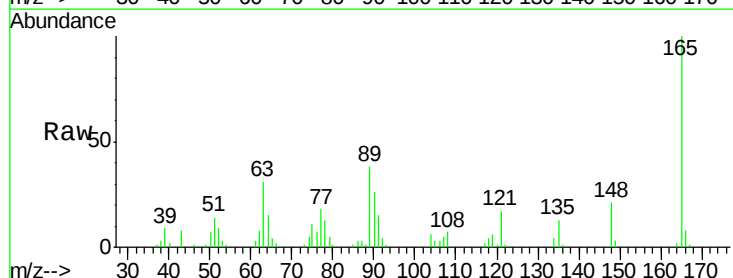
RT: 10.67 min Scan# 856

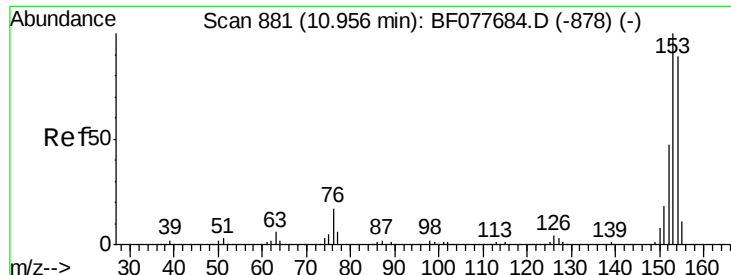
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	51580		
63	31.3	44.1	66.1#	
89	38.2	44.3	66.5#	





#51

Acenaphthene

Concen: 37.29 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

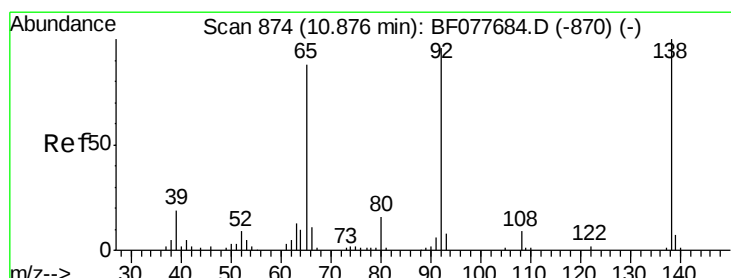
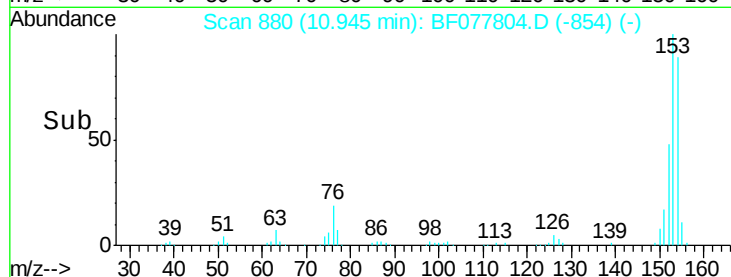
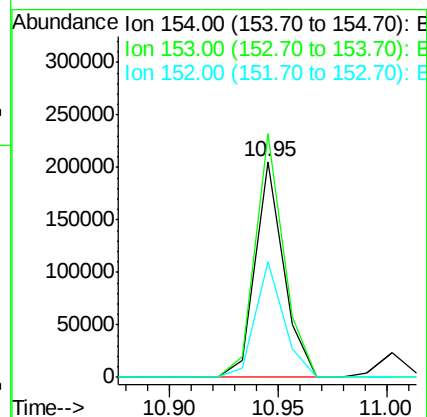
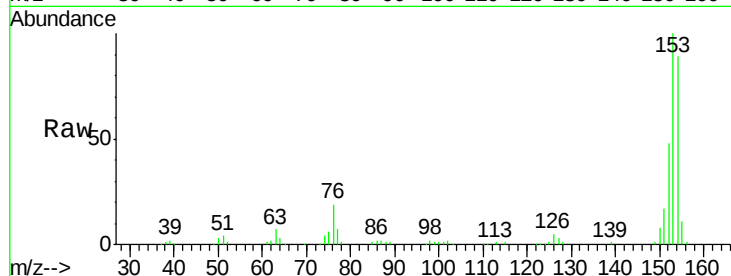
ClientSampleId :

PB82152BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.0	135.0
152	53.8	42.6	63.8

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#52

3-Nitroaniline

Concen: 31.12 ng

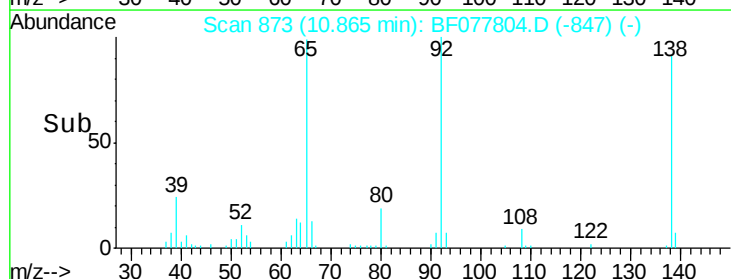
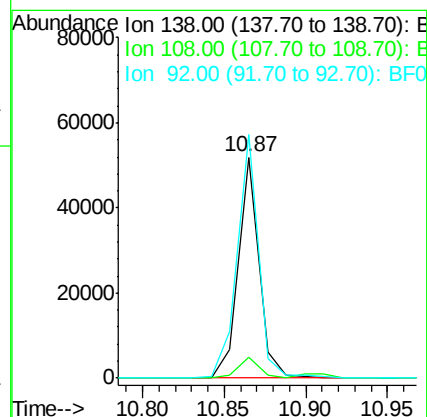
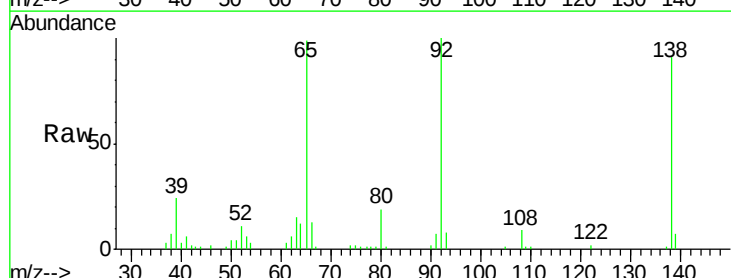
RT: 10.87 min Scan# 873

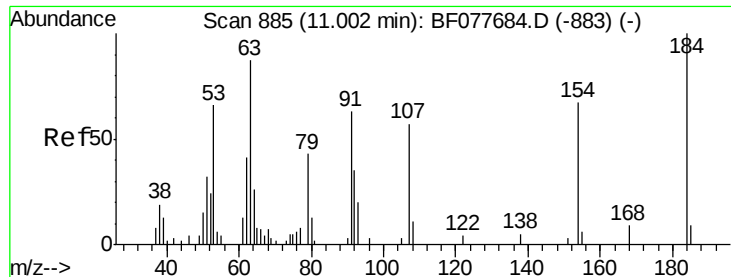
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.3	10.9
92	110.2	76.6	114.8





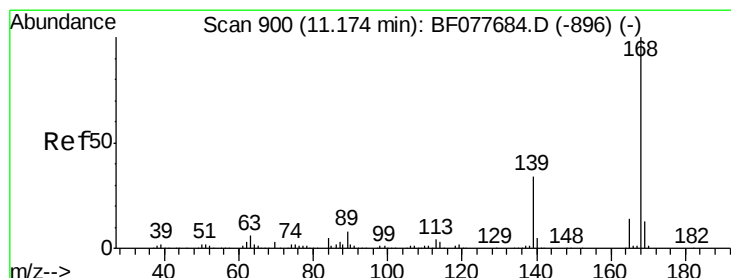
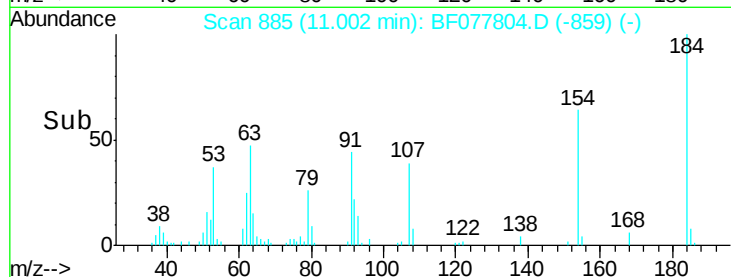
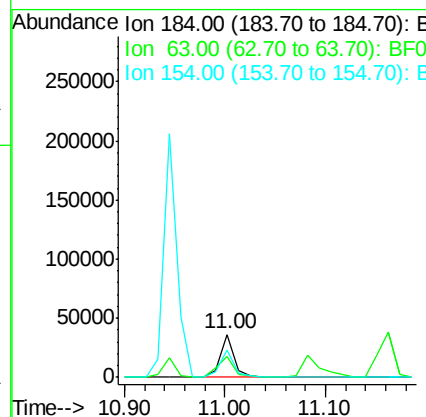
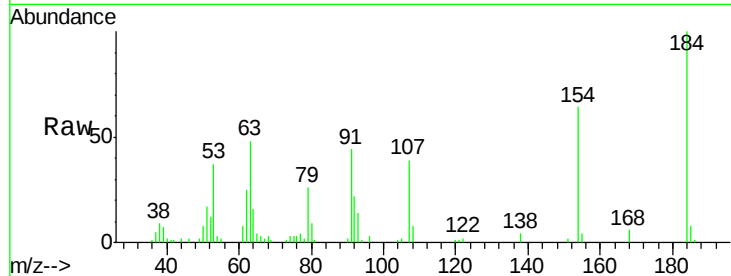
#53
 2,4-Dinitrophenol
 Concen: 78.03 ng
 RT: 11.00 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.2	69.2	103.8#
154	63.8	53.3	79.9

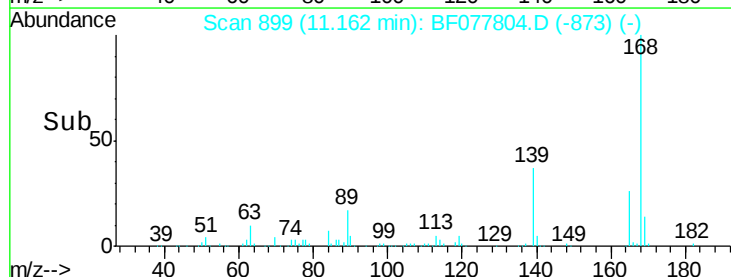
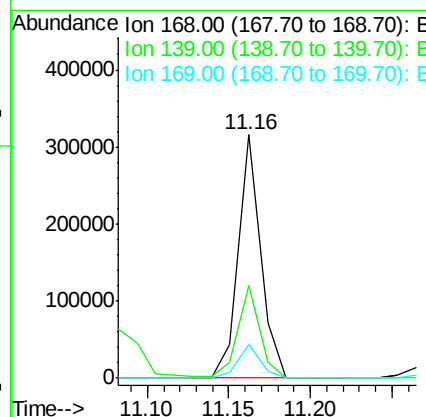
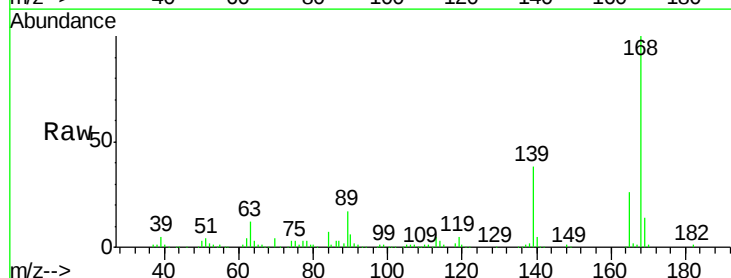
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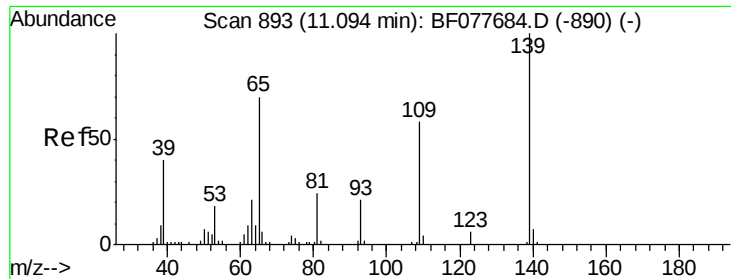
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#54
 Dibenzofuran
 Concen: 39.77 ng
 RT: 11.16 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	27.3	40.9
169	13.6	10.6	16.0





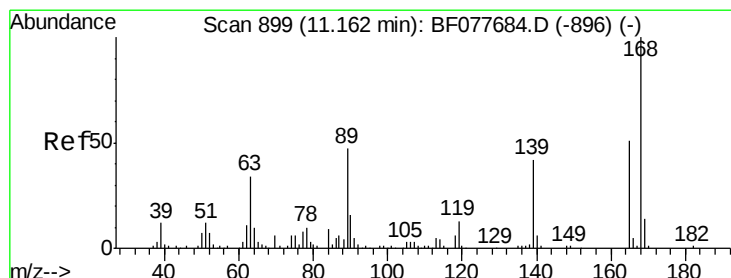
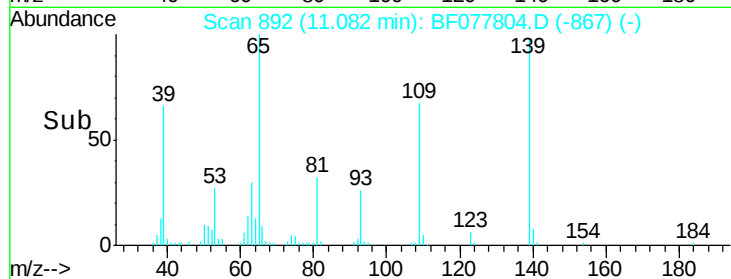
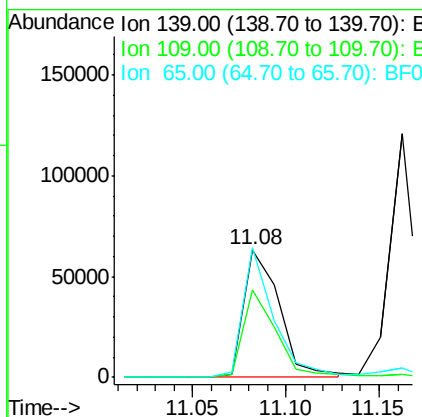
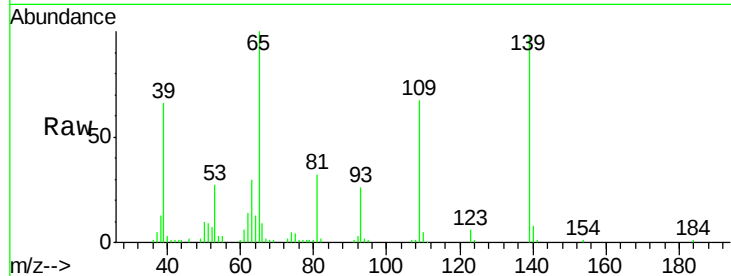
#55
4-Nitrophenol
Concen: 78.18 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.3	37.7	77.7
65	102.0	49.9	89.9

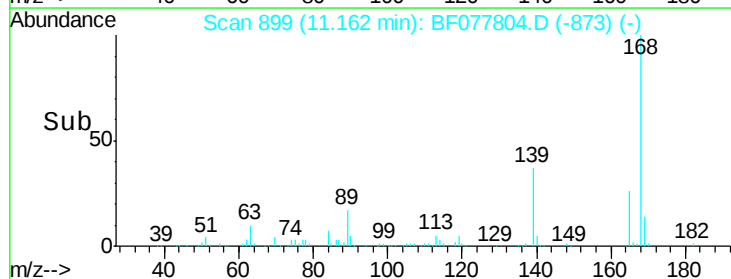
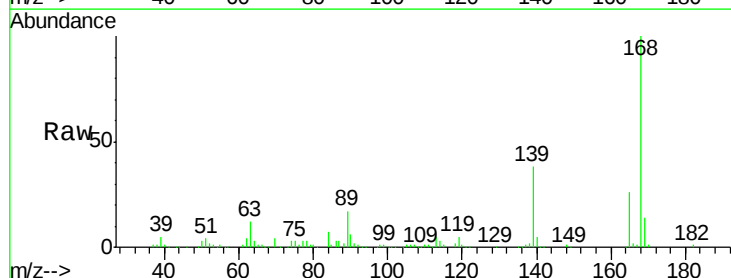
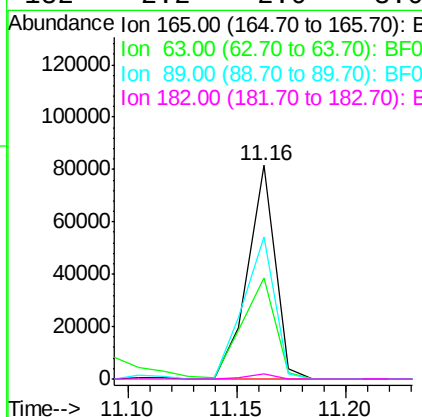
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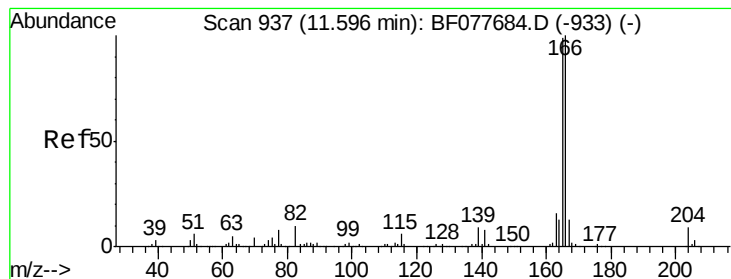
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.22 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	52.4	78.6
89	66.3	72.4	108.6
182	2.2	2.0	3.0





#57

Fluorene

Concen: 39.02 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

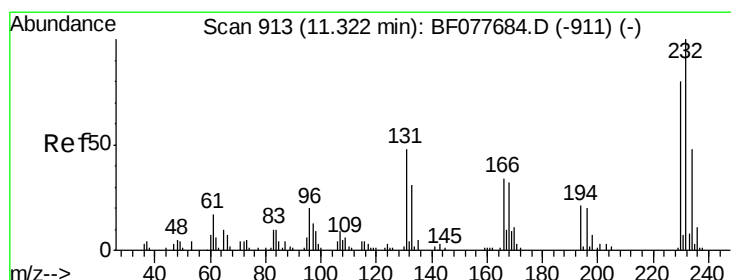
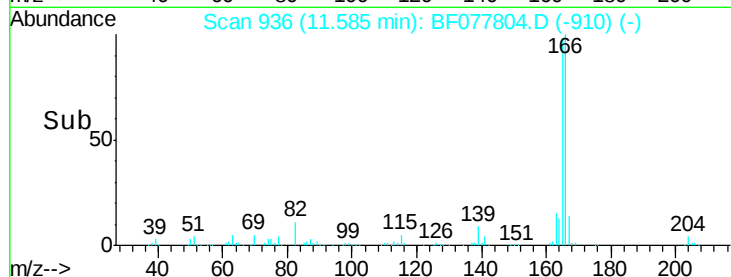
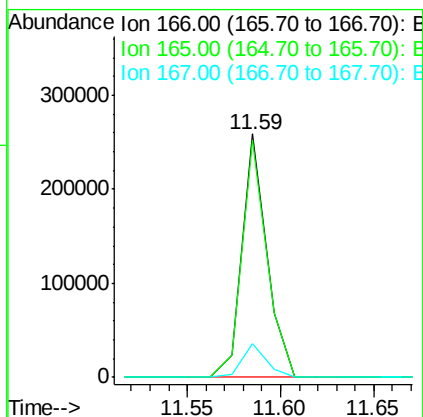
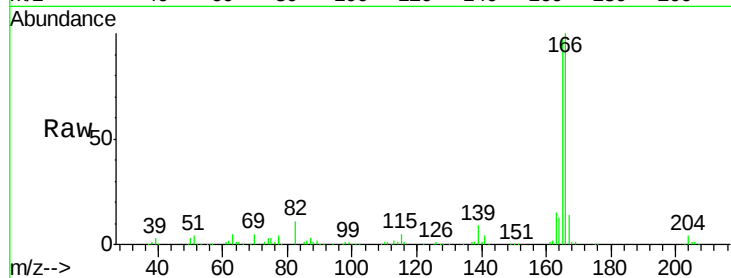
ClientSampleId :

PB82152BSD

Tot Ion:	166	Resp:	241354
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.0	118.4
167	13.7	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.03 ng

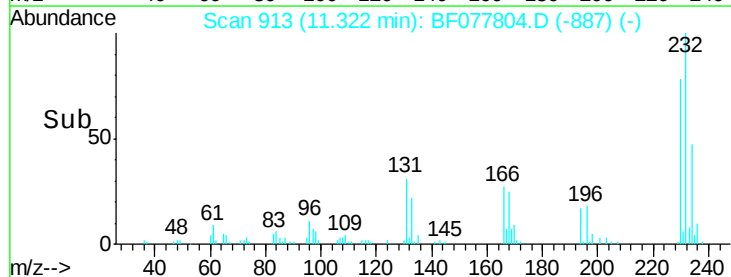
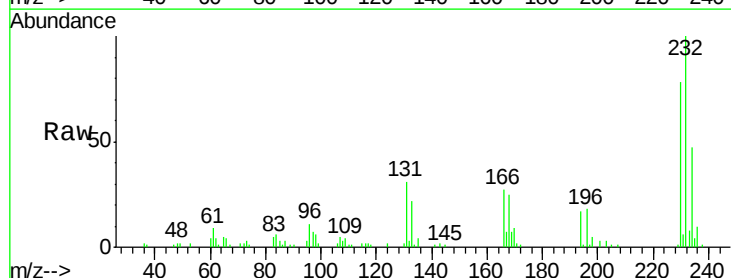
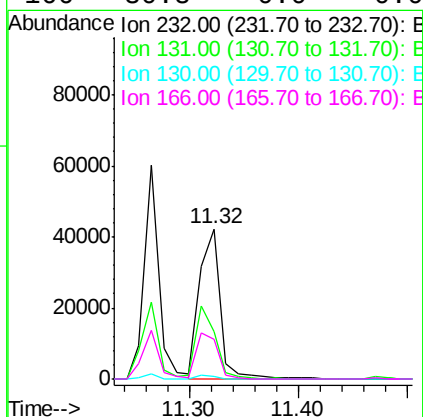
RT: 11.32 min Scan# 913

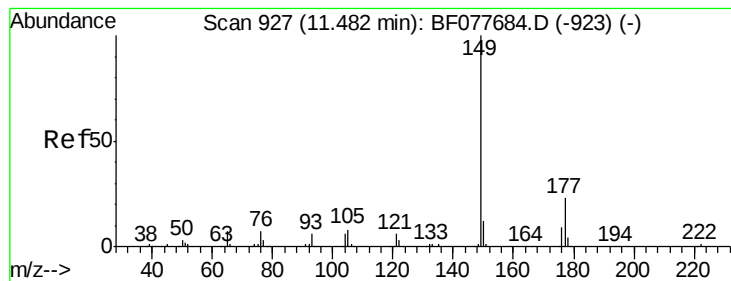
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	232	Resp:	57178
Ion Ratio	Lower	Upper	
232	100		
131	45.3	0.0	0.0#
130	2.0	0.0	0.0#
166	30.8	0.0	0.0#





#59

Diethylphthalate

Concen: 40.19 ng

RT: 11.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

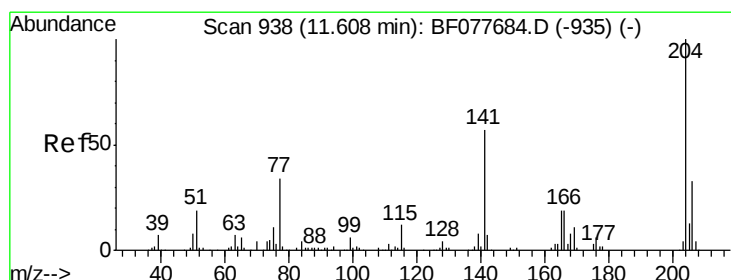
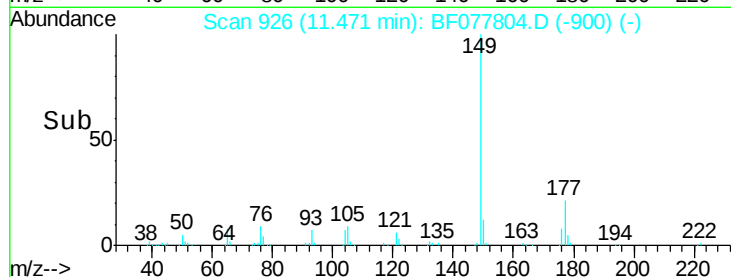
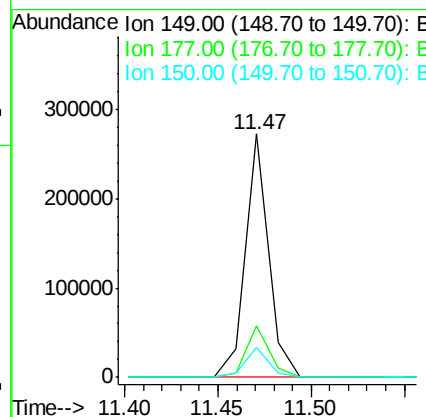
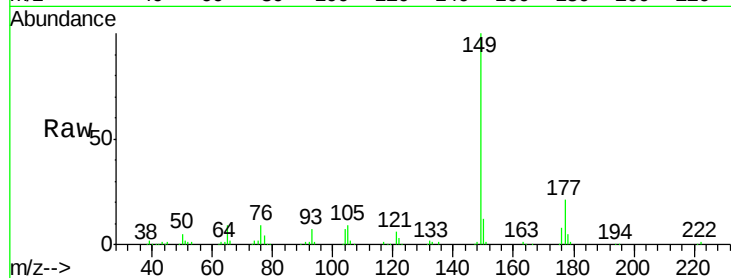
ClientSampleId :

PB82152BSD

Tot Ion:	149	Resp:	235539
Ion Ratio	Lower	Upper	
149	100		
177	21.1	18.3	27.5
150	12.4	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 39.39 ng

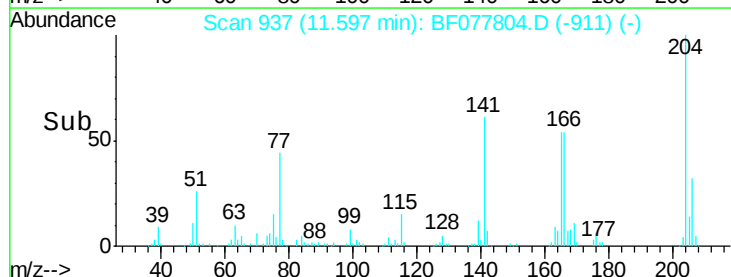
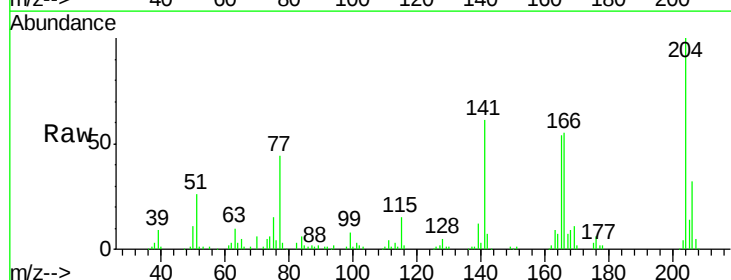
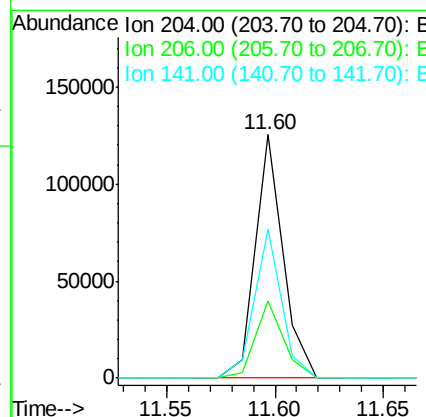
RT: 11.60 min Scan# 937

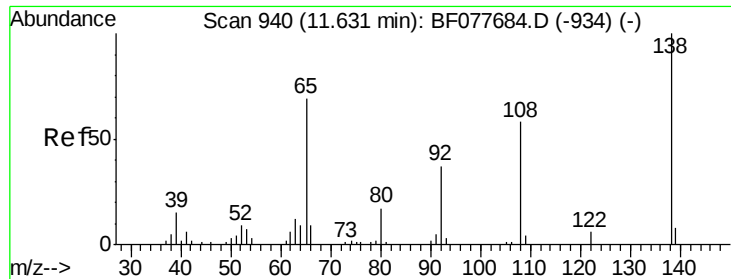
Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	204	Resp:	111204
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.6	39.8
141	61.3	45.2	67.8





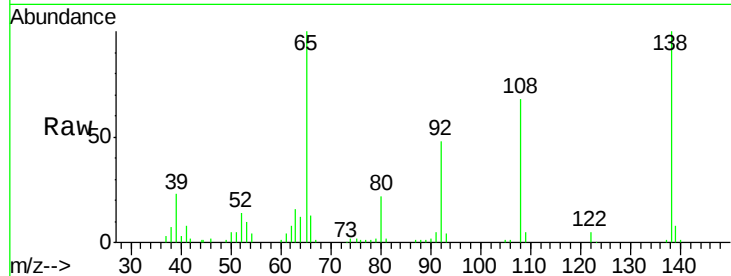
#61
4-Nitroaniline
Concen: 40.69 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	16.7	56.7
108	67.6	37.6	77.6

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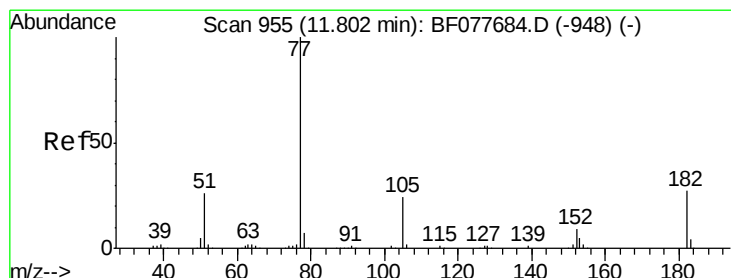
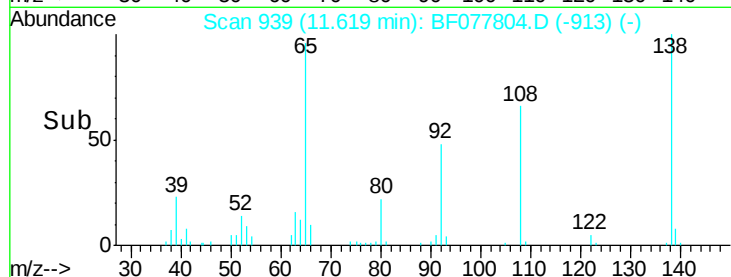
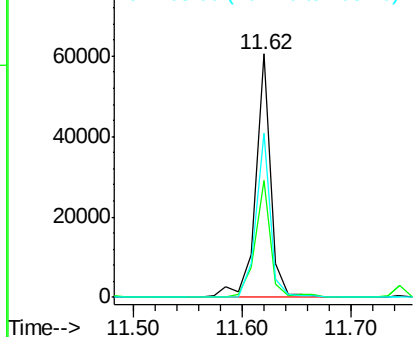


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 39.54 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	6.5	46.5
105	22.7	3.8	43.8
51	27.7	5.5	45.5

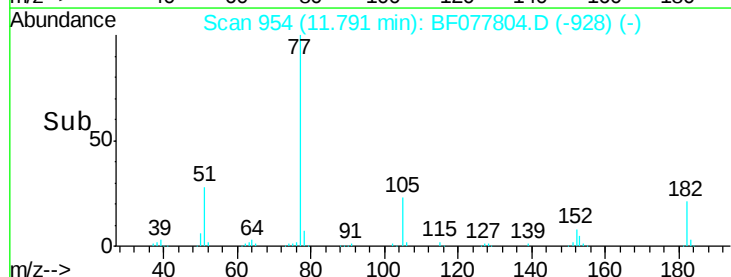
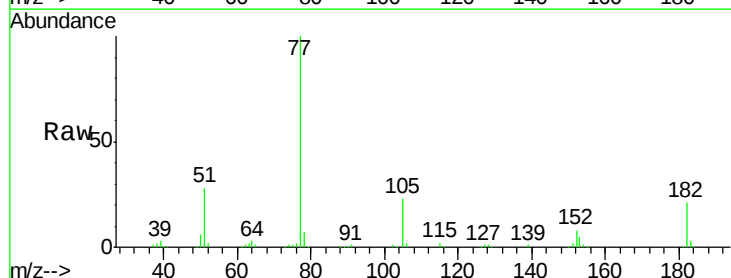
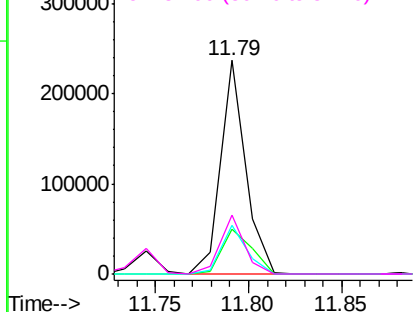
Abundance

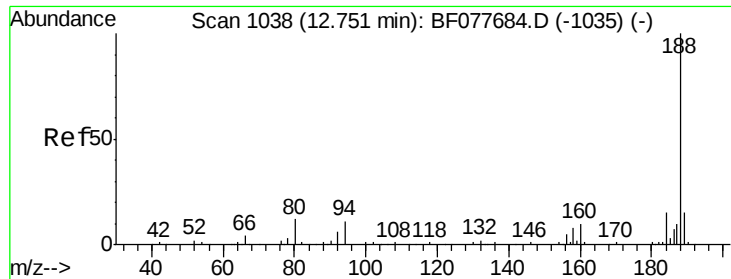
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

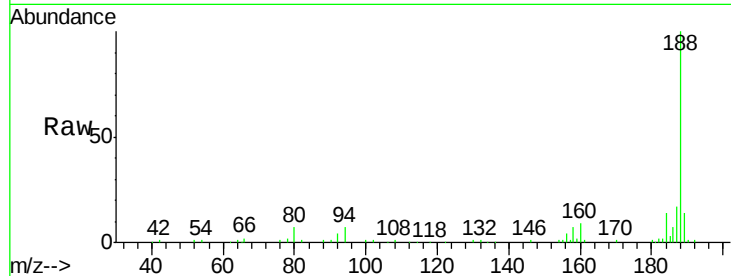
ClientSampleId :

PB82152BSD

Tot Ion:	188	Resp:	160000
Ion Ratio	Lower	Upper	
188	100		
94	6.9	8.7	13.1#
80	7.0	9.3	13.9#

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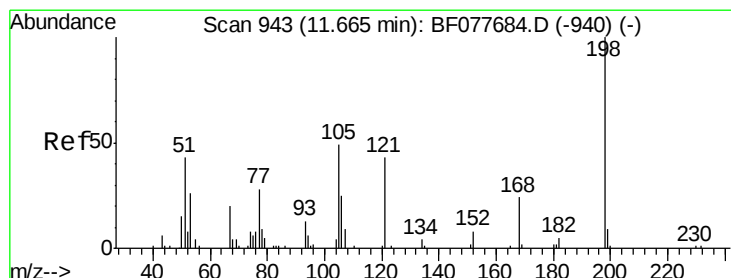
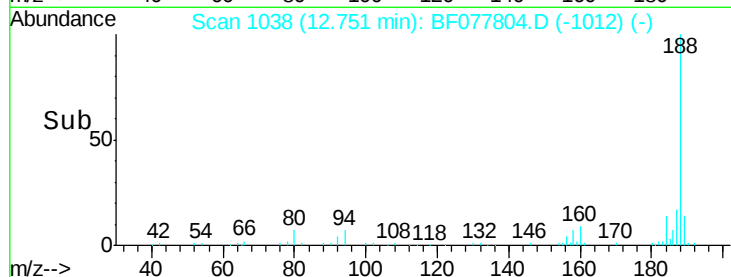
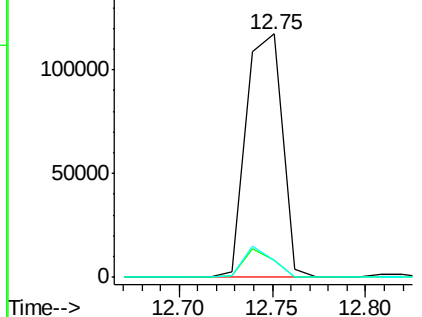
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.26 ng

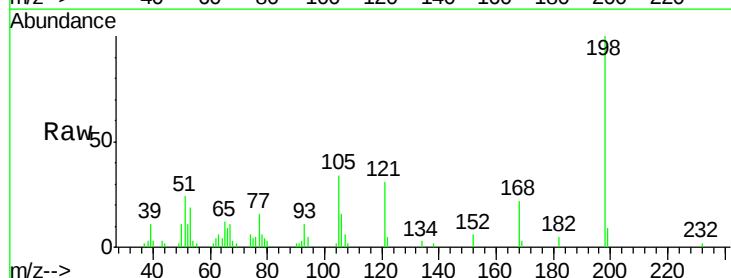
RT: 11.67 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

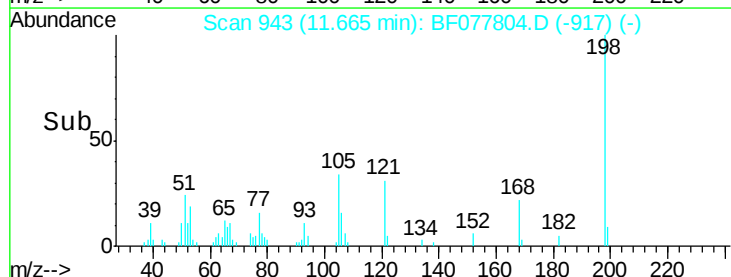
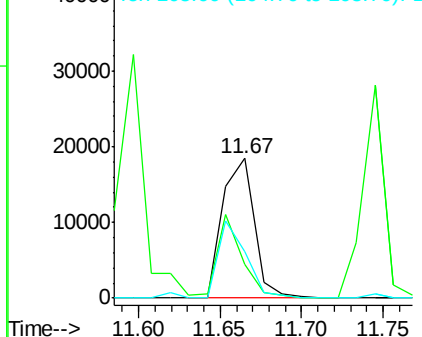
Tgt Ion:	198	Resp:	24864
Ion Ratio	Lower	Upper	
198	100		
51	24.3	28.8	68.8#
105	33.6	30.5	70.5

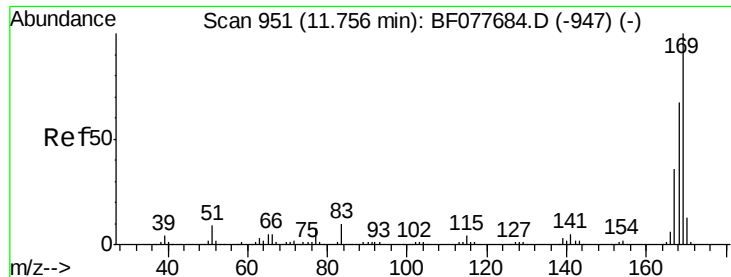


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





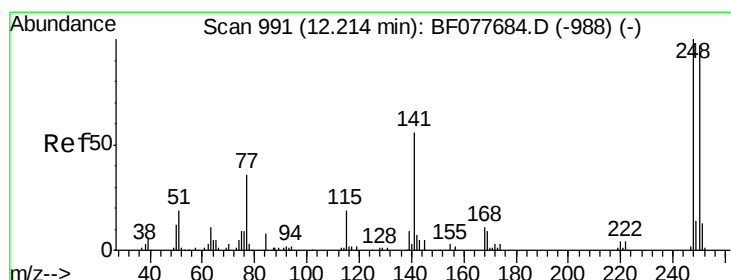
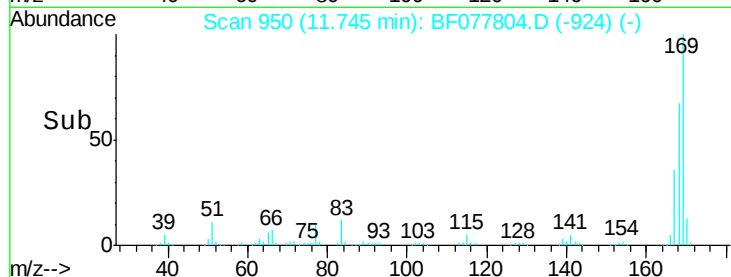
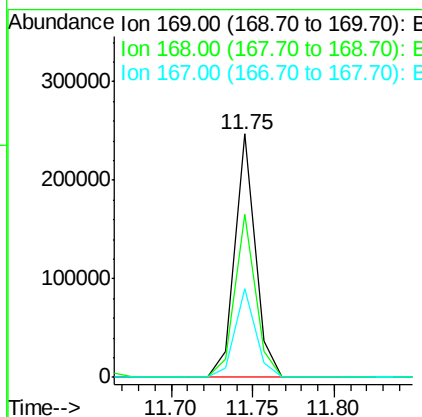
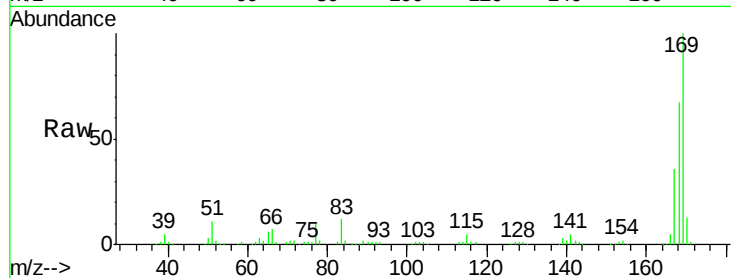
#65
 n-Nitrosodiphenylamine
 Concen: 40.20 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	214190		
168	66.9	53.9	80.9	
167	36.4	28.9	43.3	

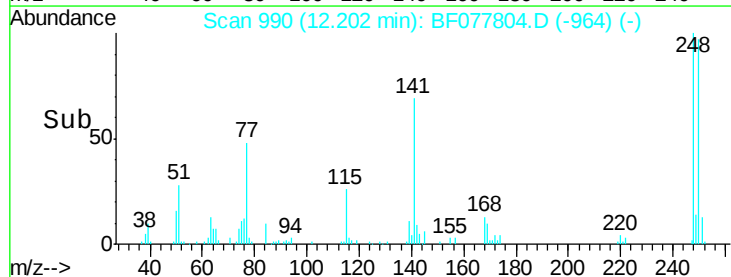
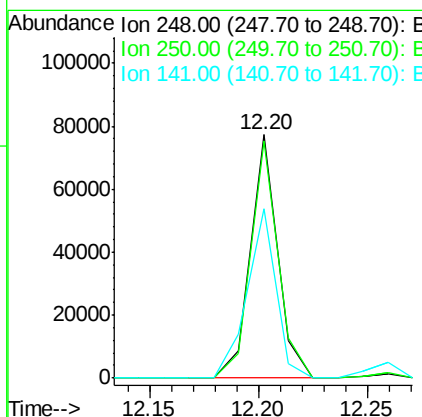
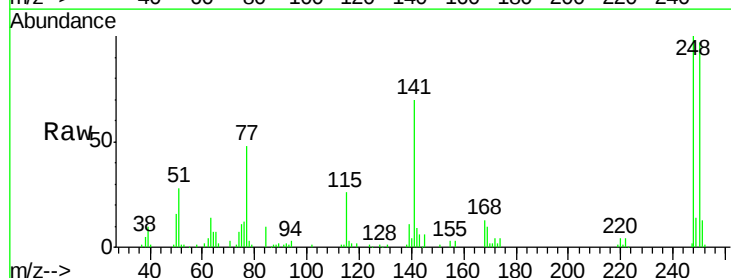
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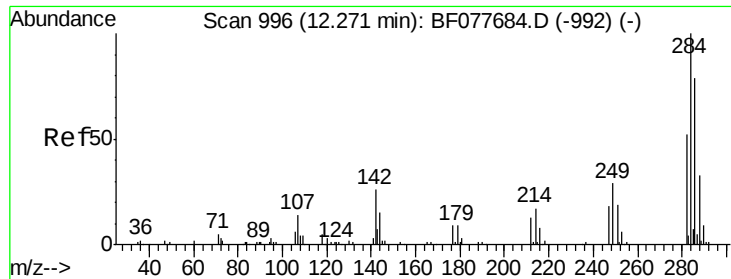
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#66
 4-Bromophenyl-phenylether
 Concen: 39.53 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	67498		
250	97.2	77.4	116.0	
141	69.8	45.2	67.8	





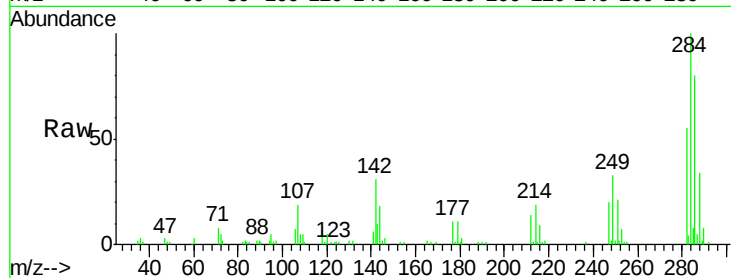
#67
Hexachlorobenzene
Concen: 38.33 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

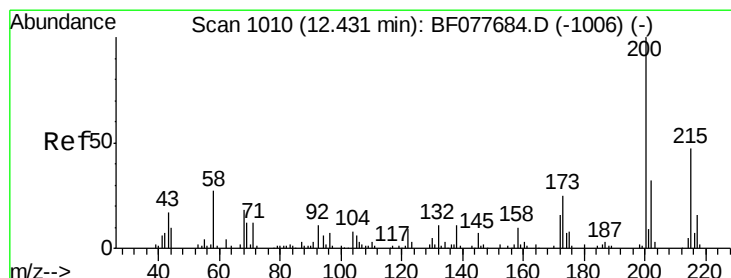
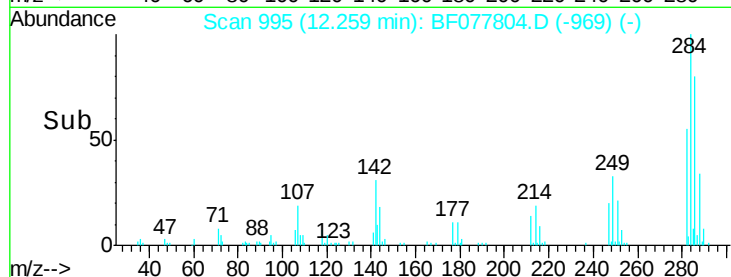
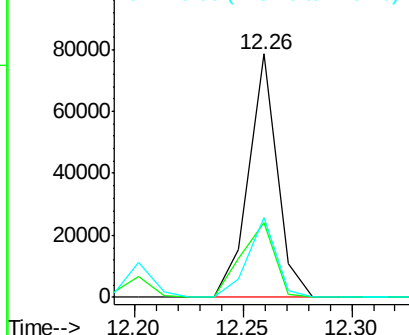
Tot Ion	Ratio	Resp	Lower	Upper
284	100	71910		
142	30.5	20.4	30.6	
249	32.6	23.8	35.6	

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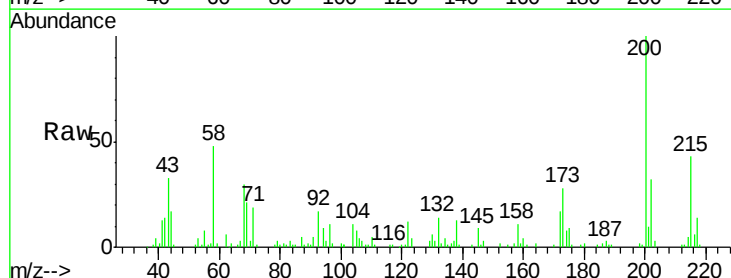


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

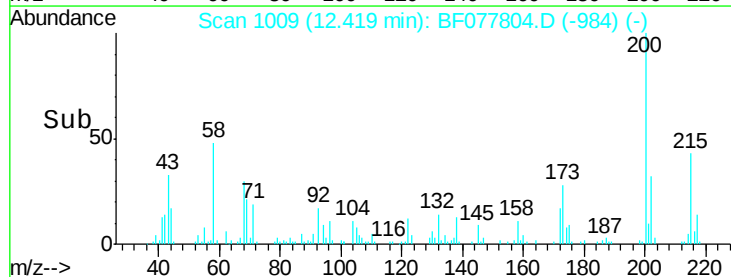
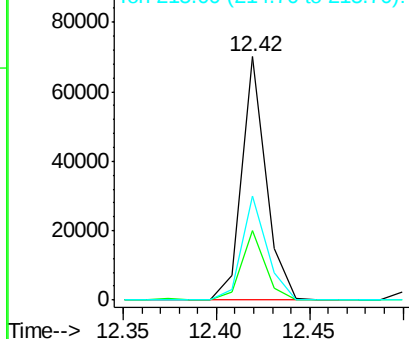


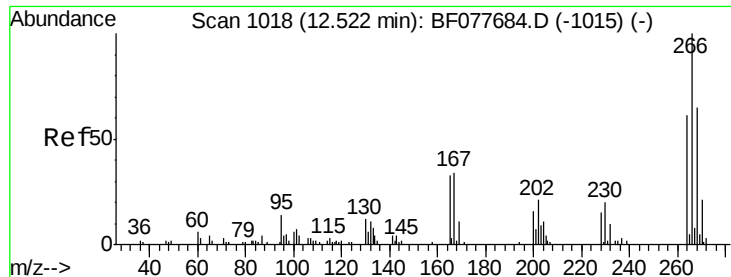
#68
Atrazine
Concen: 42.52 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	63482		
173	28.3	4.8	44.8	
215	42.8	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: 77.15 ng

RT: 12.51 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

ClientSampleId :

PB82152BSD

Tot Ion:266 Resp: 75702

Ion Ratio Lower Upper

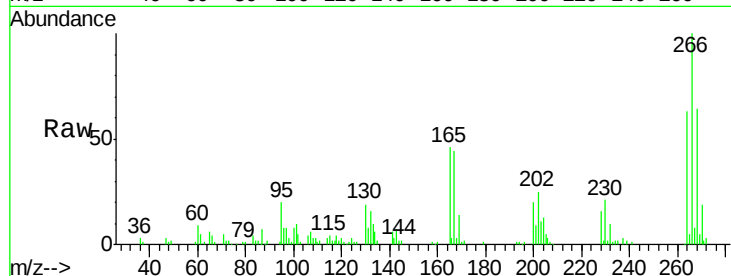
266 100

268 63.7 52.0 78.0

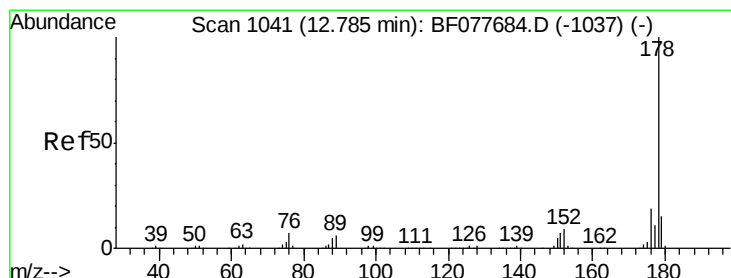
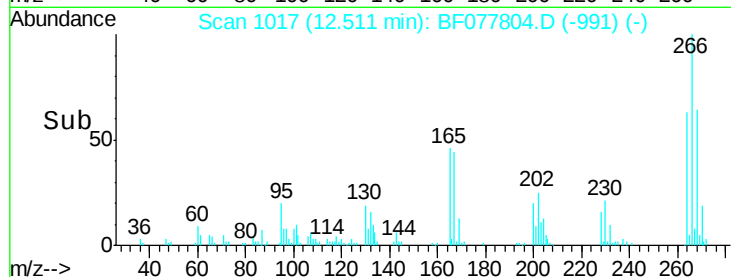
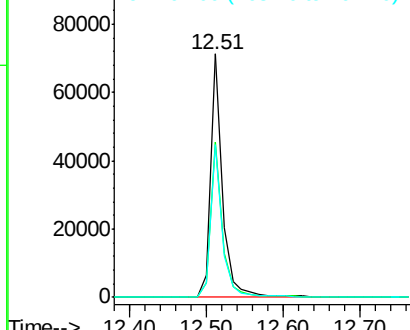
264 62.7 49.0 73.4

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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: 39.16 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

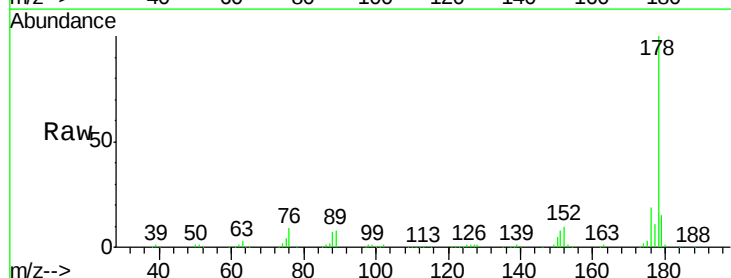
Tgt Ion:178 Resp: 359674

Ion Ratio Lower Upper

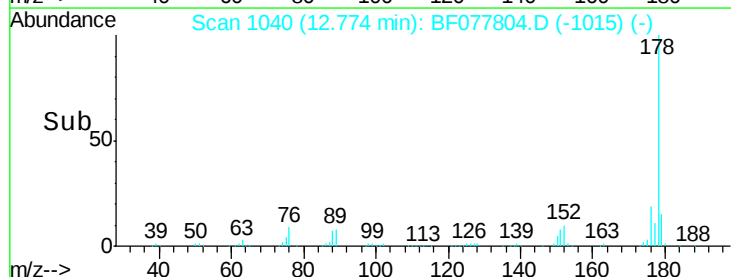
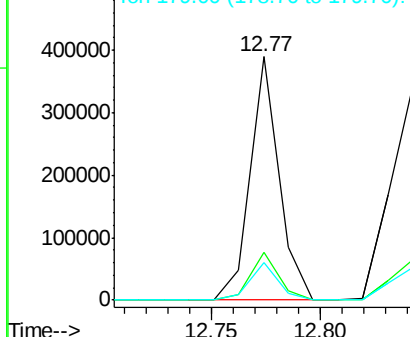
178 100

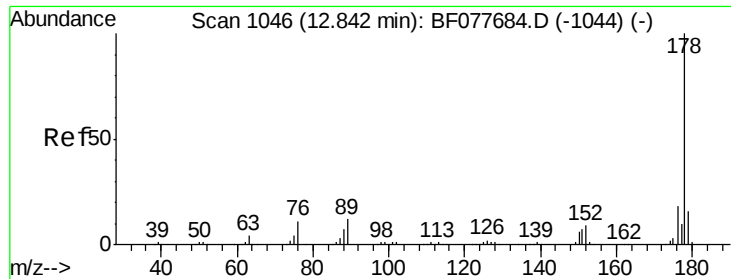
176 19.4 15.2 22.8

179 15.5 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





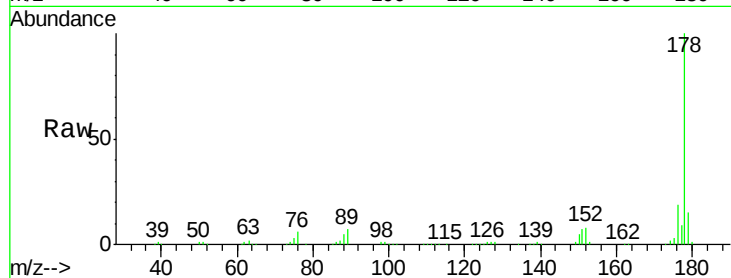
#71
 Anthracene
 Concen: 40.28 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

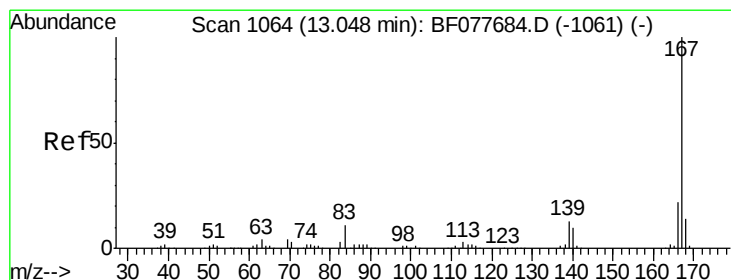
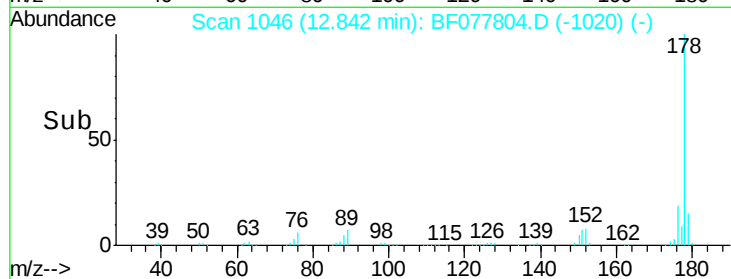
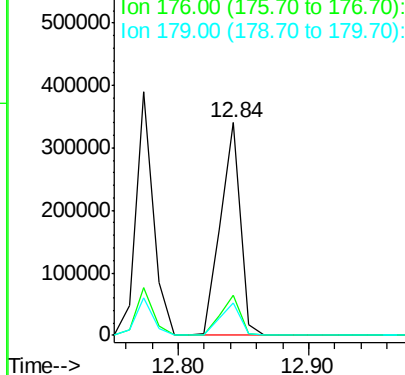
Tot Ion	Ratio	Resp	Lower	Upper
178	100	365548		
176	18.6		14.6	22.0
179	15.3		12.6	19.0

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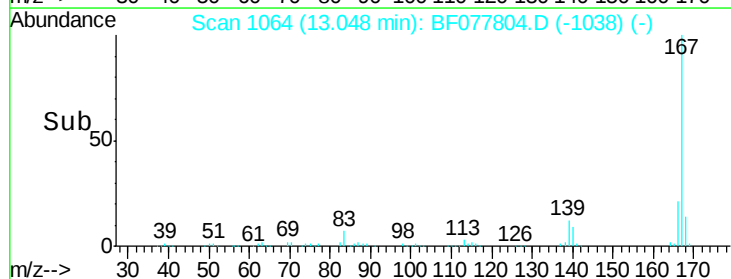
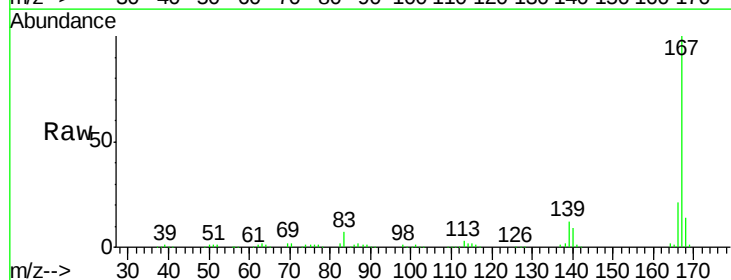
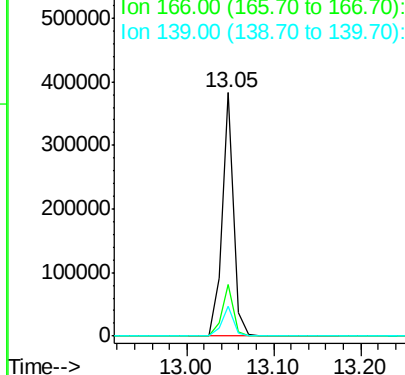
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

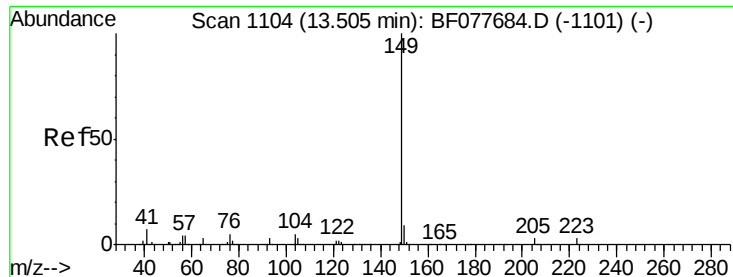


#72
 Carbazole
 Concen: 41.27 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	356277		
166	21.2		17.2	25.8
139	12.2		10.8	16.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.24 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

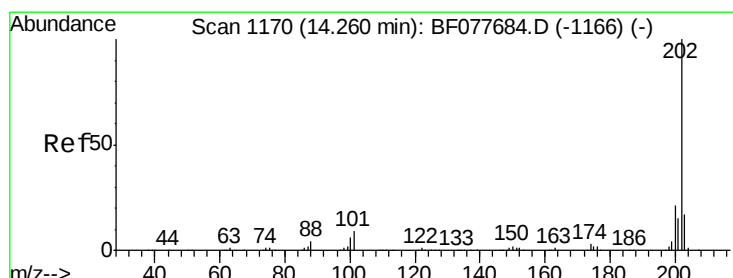
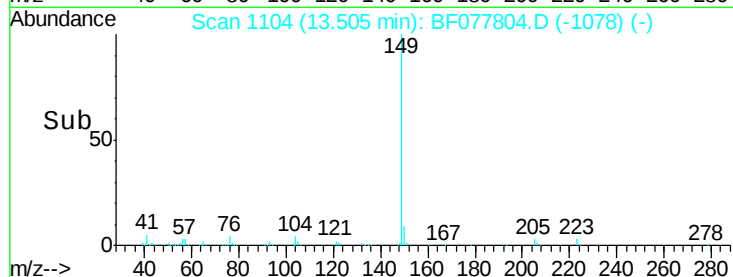
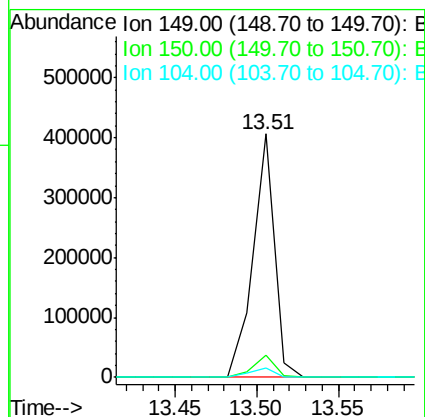
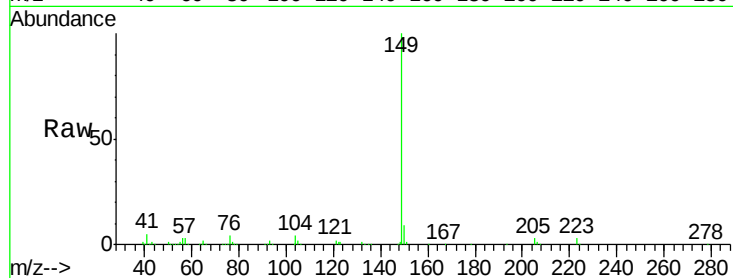
ClientSampleId :

PB82152BSD

Tot Ion:	149	Resp:	370160
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	4.1	3.7	5.5

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#74

Fluoranthene

Concen: 38.65 ng

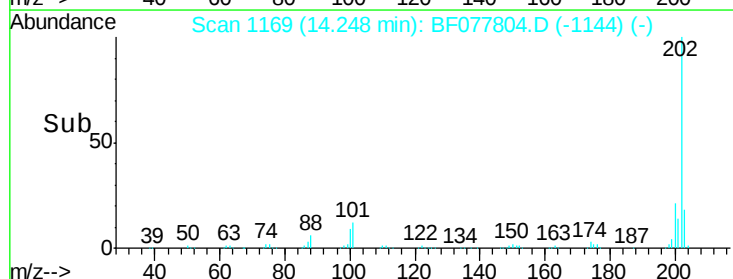
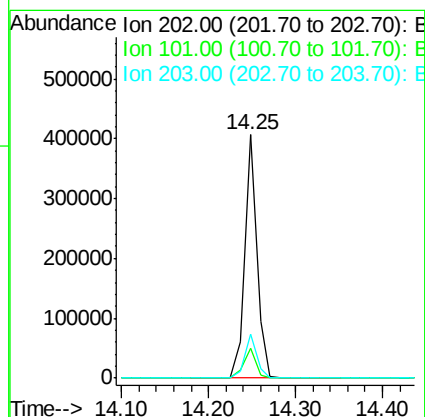
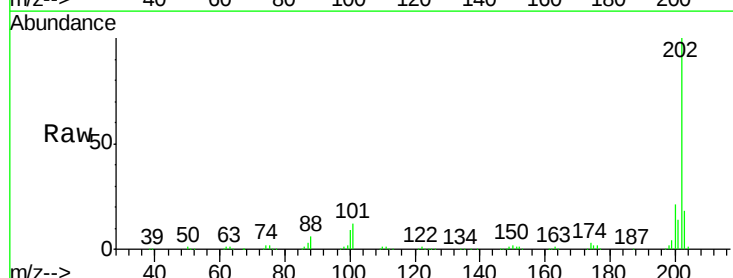
RT: 14.25 min Scan# 1169

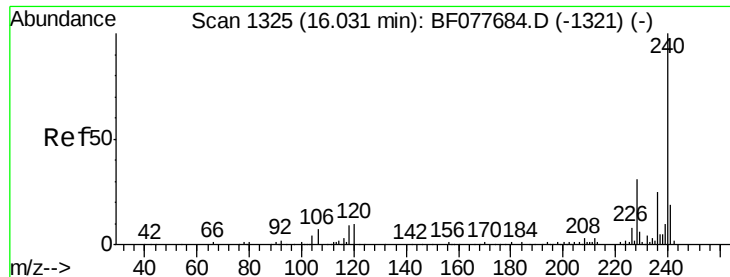
Delta R.T. -0.01 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	202	Resp:	391608
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	28.7
203	17.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.04 min Scan# 1326

Delta R.T. -0.09 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

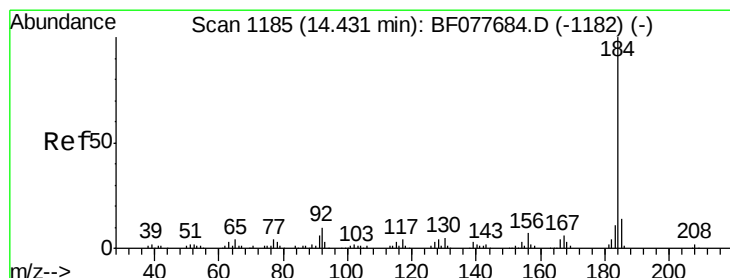
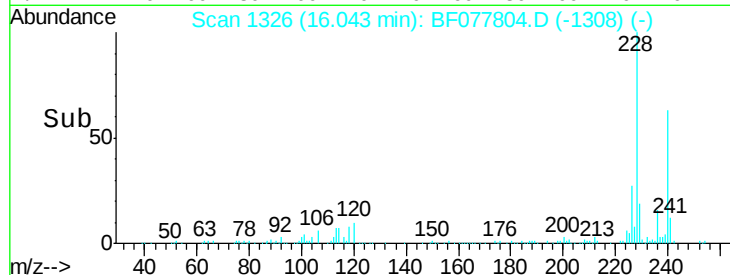
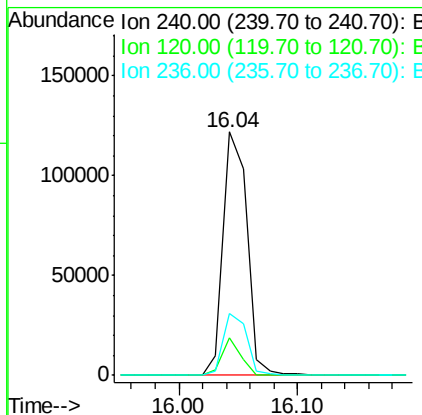
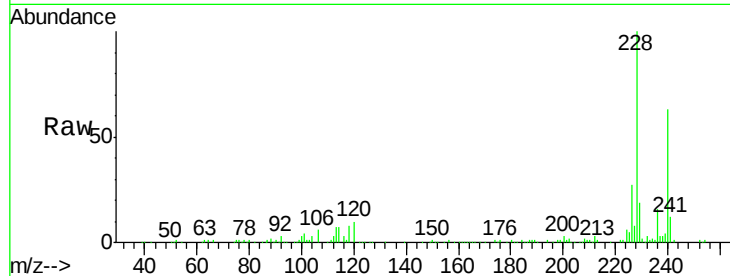
ClientSampleId :

PB82152BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.2	12.2#
236	25.3	20.0	30.0

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#76

Benzidine

Concen: 36.58 ng

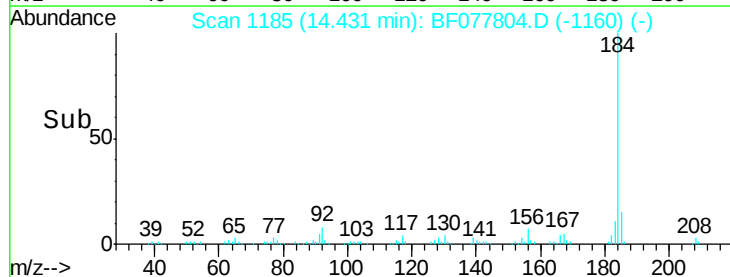
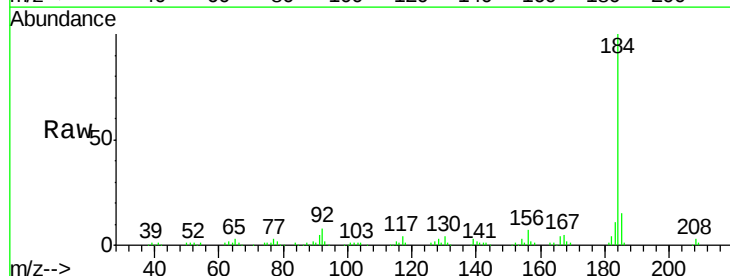
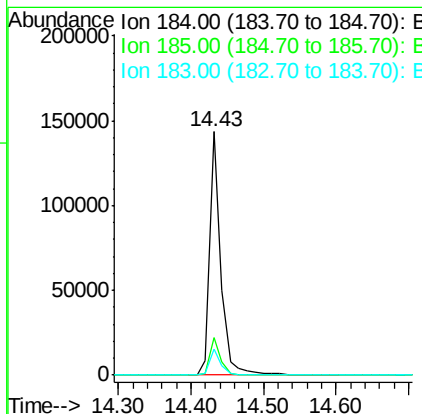
RT: 14.43 min Scan# 1185

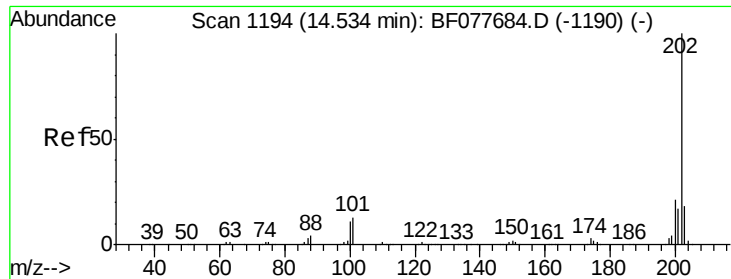
Delta R.T. -0.01 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.3	16.9
183	10.9	8.9	13.3





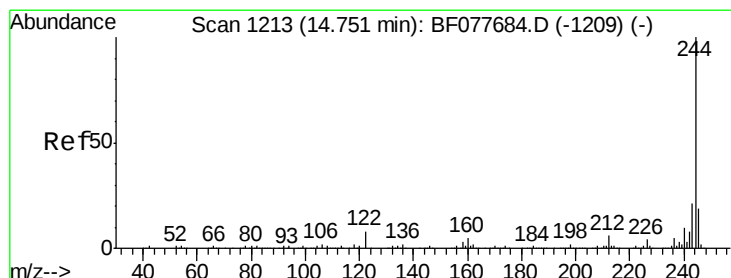
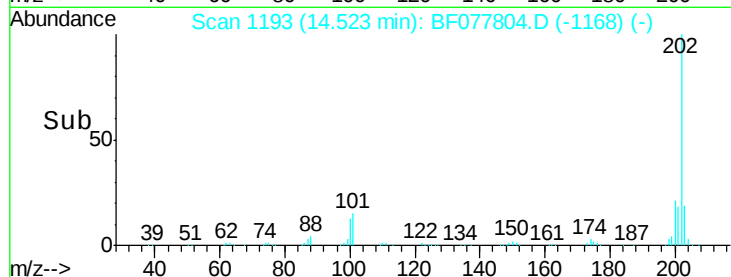
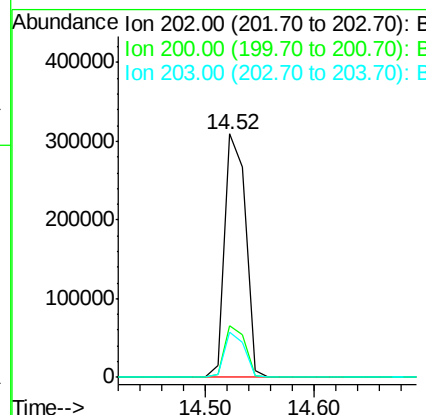
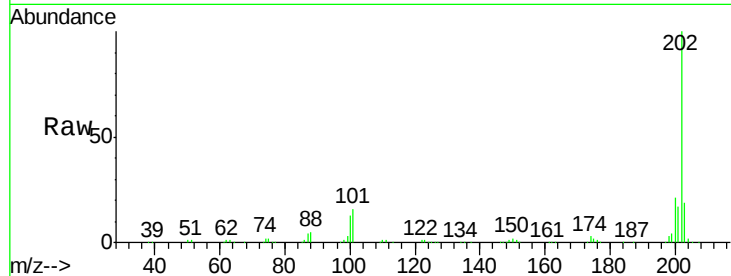
#77
Pvrene
Concen: 38.94 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.8	14.1	21.1

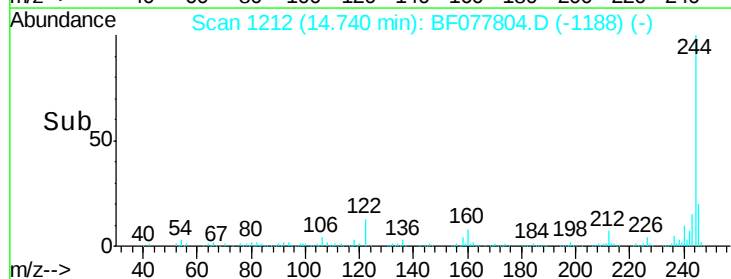
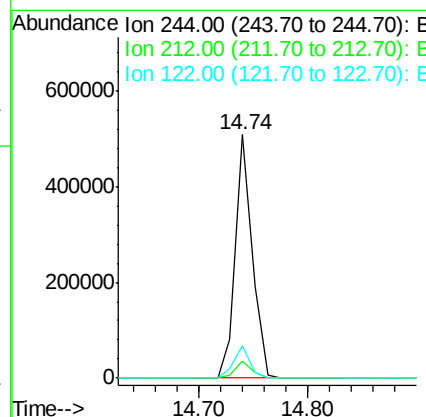
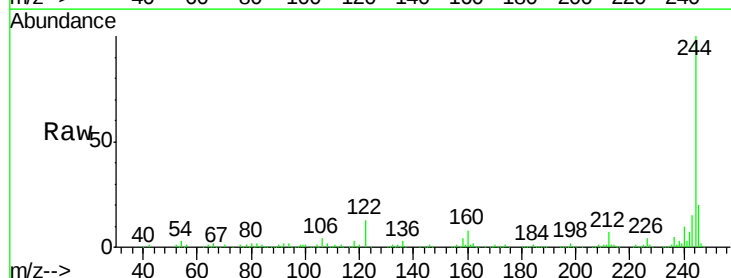
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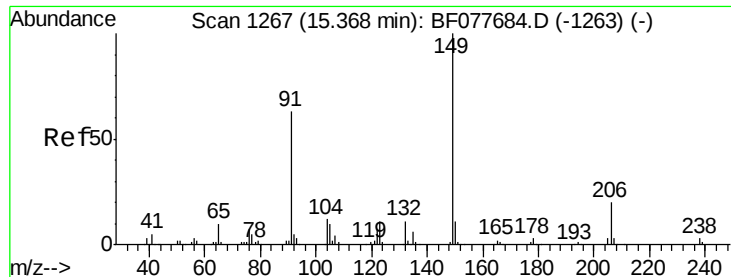
mohammad
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#78
Terphenyl-d14
Concen: 77.91 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	4.9	7.3
122	13.3	6.2	9.4





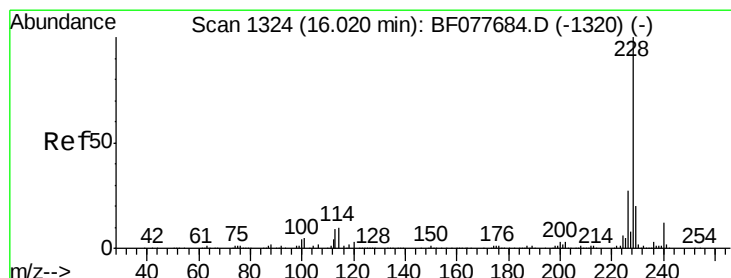
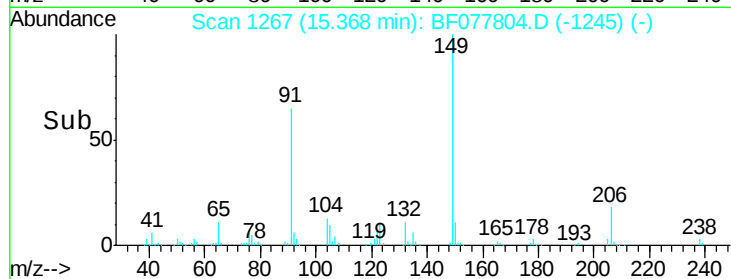
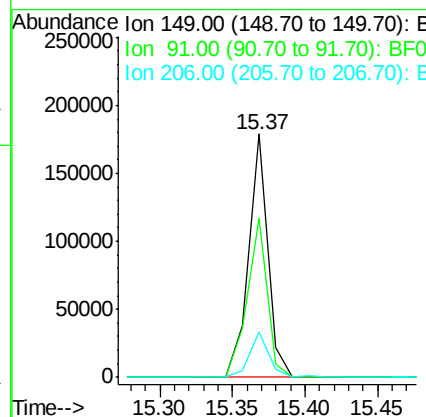
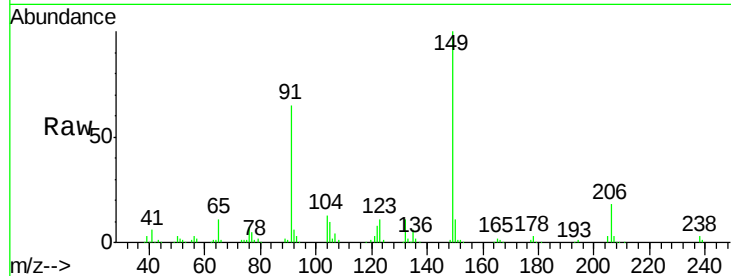
#79
Butylbenzylphthalate
Concen: 39.31 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	164930		
91	65.2	50.1	75.1	
206	18.4	16.2	24.2	

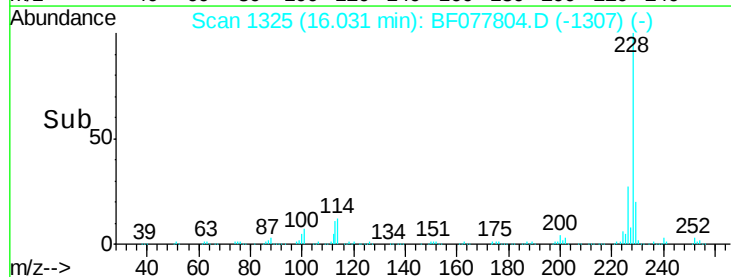
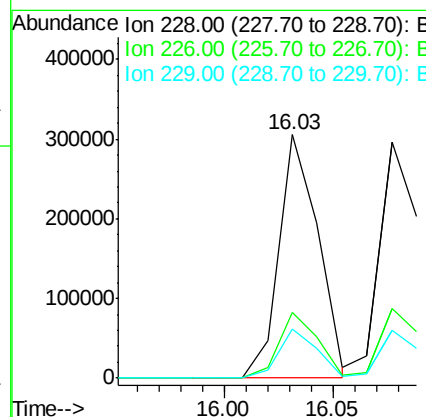
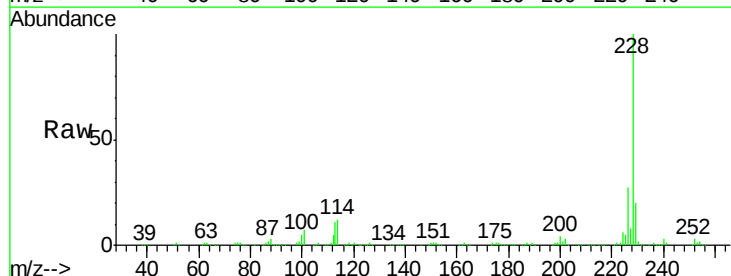
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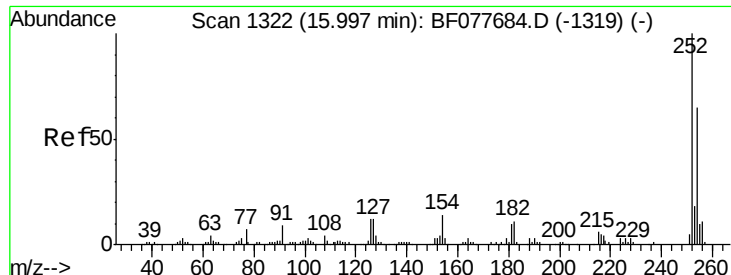
mohammad
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#80
Benzo(a)anthracene
Concen: 38.44 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.09 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	385566		
226	26.9	21.7	32.5	
229	20.1	16.0	24.0	





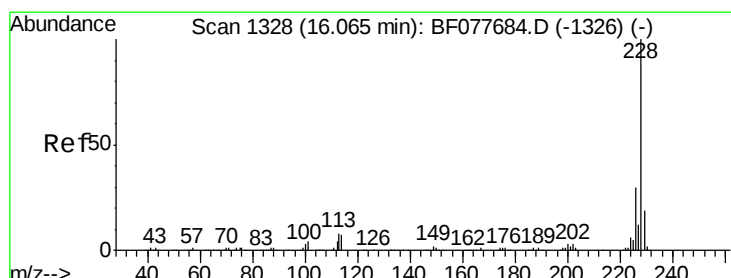
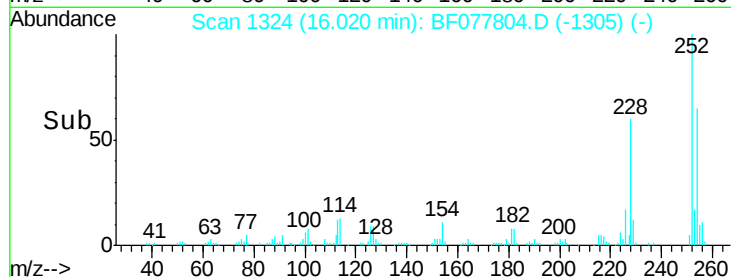
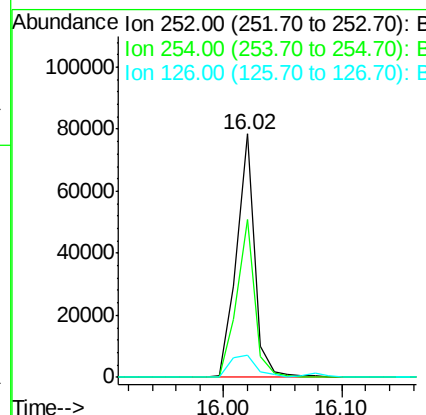
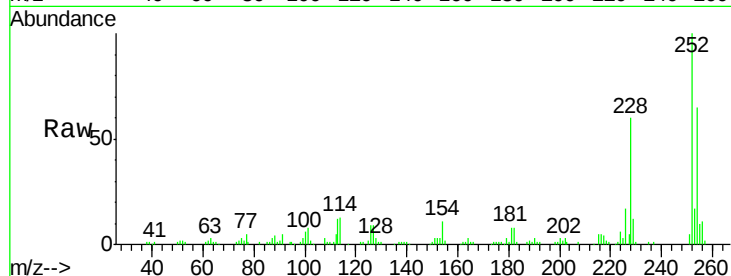
#81
 3,3'-Dichlorobenzidine
 Concen: 25.32 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.08 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	51.9	77.9
126	9.1	9.8	14.8#

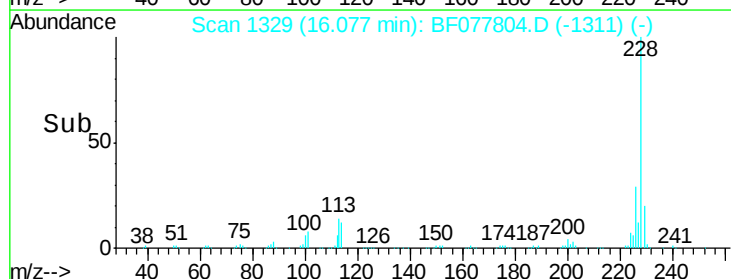
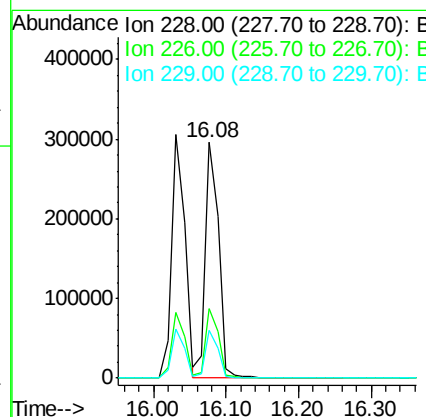
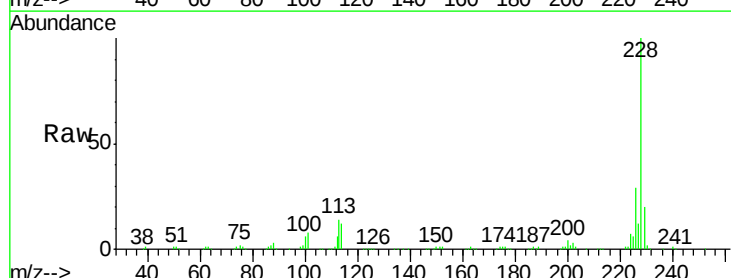
Manual Integrations
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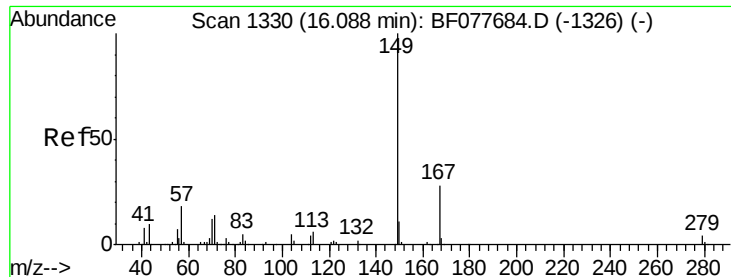
mohammad
 3/20/2015 1:48:22 PM



#82
 Chrysene
 Concen: 41.98 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.09 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.1	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.21 ng

RT: 16.11 min Scan# 1332

Delta R.T. -0.09 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Instrument :

BNA_F

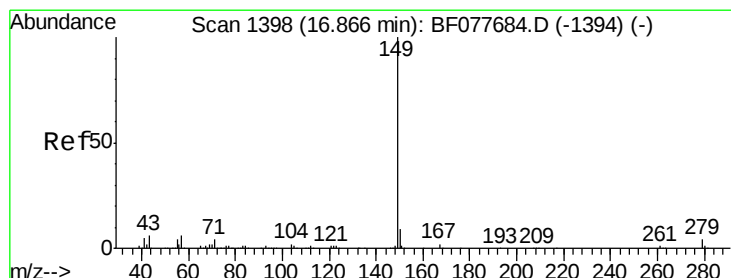
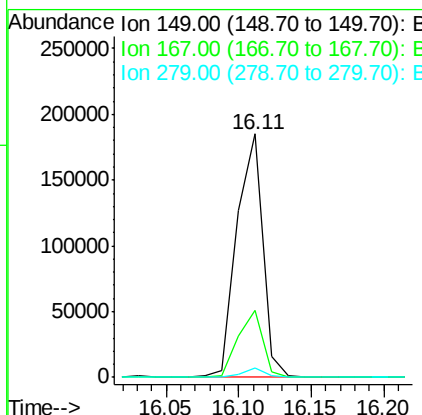
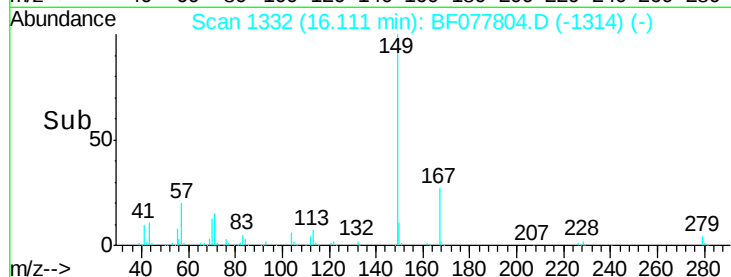
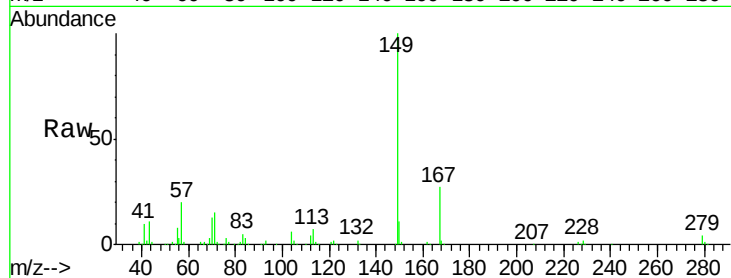
ClientSampleId :

PB82152BSD

Tot Ion:	149	Resp:	230115
Ion Ratio		Lower	Upper
149	100		
167	27.3	22.4	33.6
279	4.0	3.4	5.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 34.92 ng

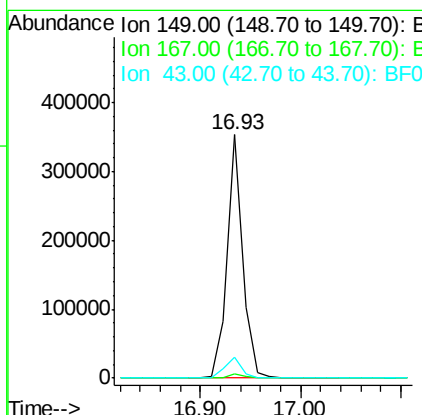
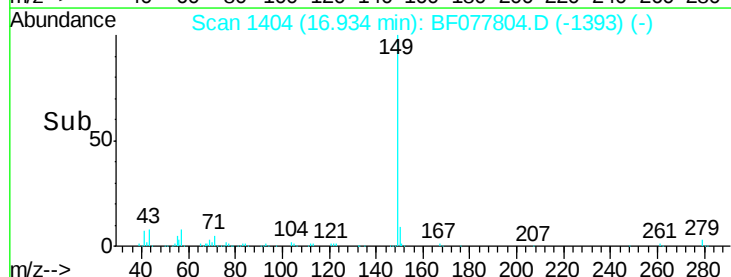
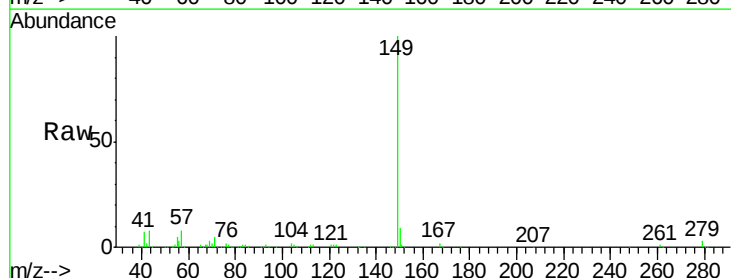
RT: 16.93 min Scan# 1404

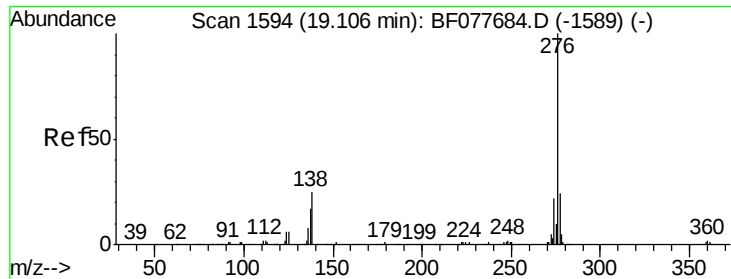
Delta R.T. -0.17 min

Lab File: BF077804.D

Acq: 18 Mar 2015 19:12

Tgt Ion:	149	Resp:	379407
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.9	7.3	10.9





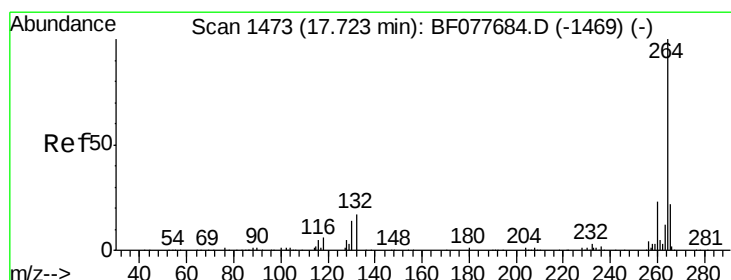
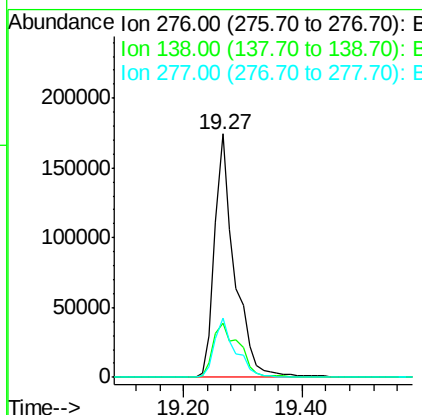
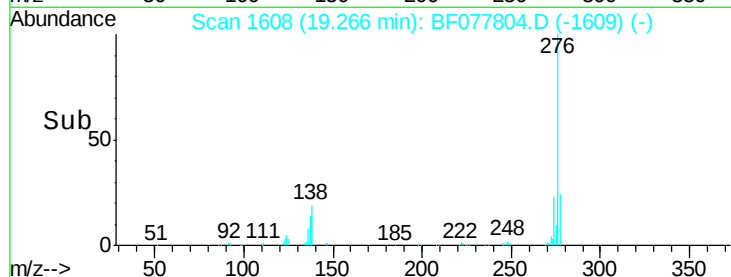
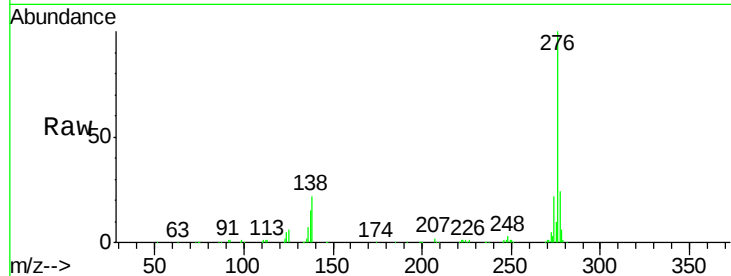
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.16 ng
RT: 19.27 min Scan# 1608
Delta R.T. -0.31 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	407070		
138	29.4	0.0	0.0	0.0
277	25.4	0.0	0.0	0.0

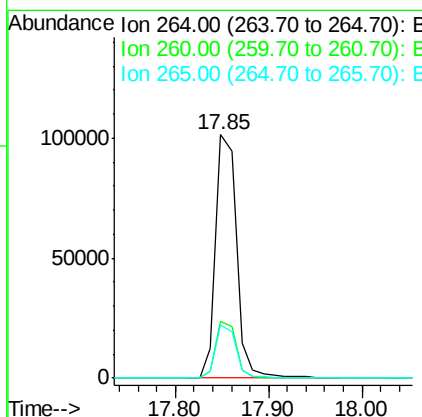
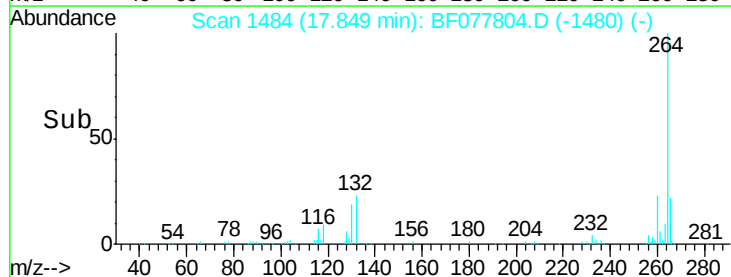
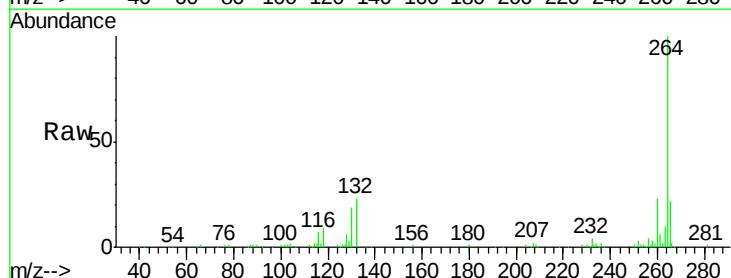
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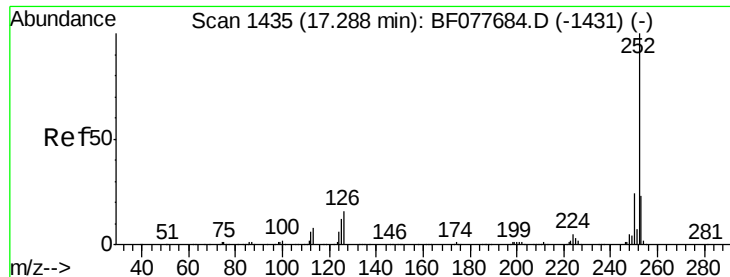
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. -0.25 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	158959		
260	23.3	18.6	27.8	
265	21.7	17.3	25.9	





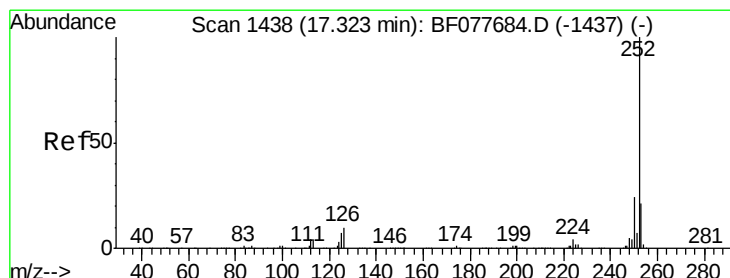
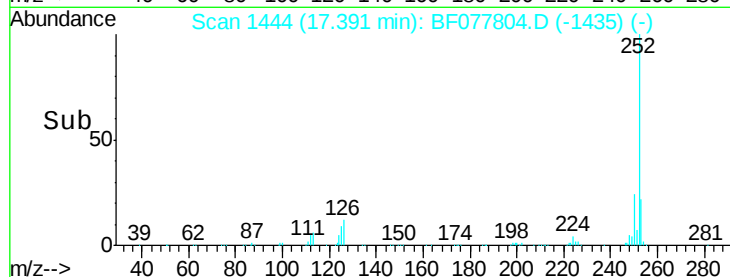
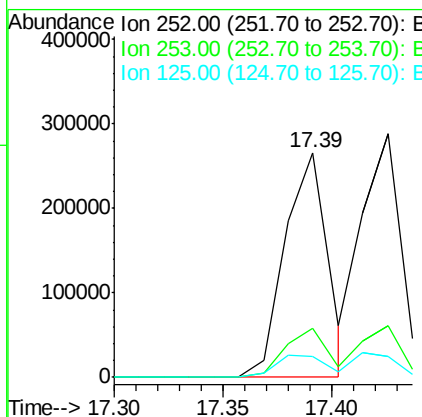
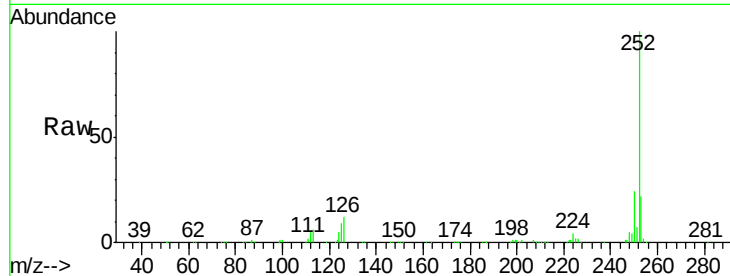
#87
Benzo(b)fluoranthene
Concen: 35.27 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.19 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	366039		
253	21.7	18.0	27.0	
125	9.0	9.9	14.9	

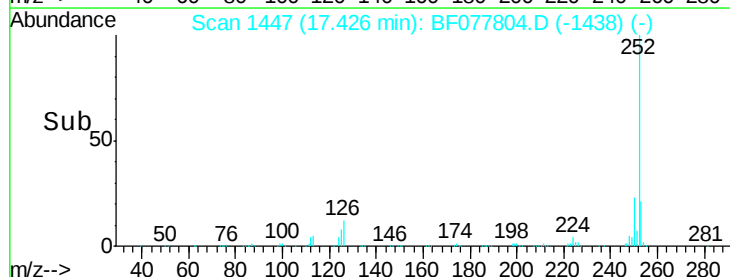
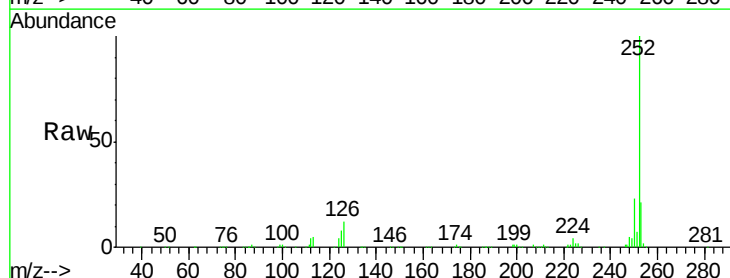
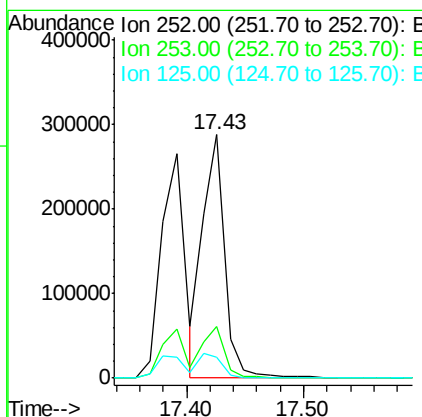
Manual Integrations
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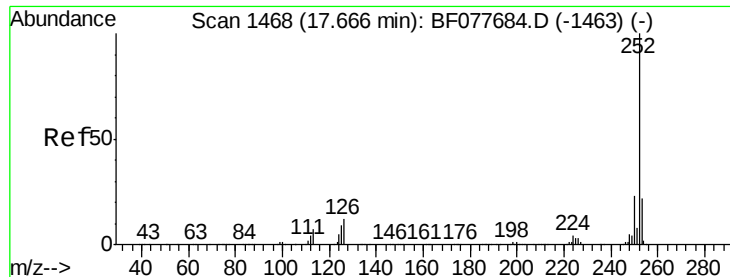
mohammad
3/20/2015 1:48:22 PM



#88
Benzo(k)fluoranthene
Concen: 46.91 ng m
RT: 17.43 min Scan# 1447
Delta R.T. -0.19 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	380224		
253	21.0	17.2	25.8	
125	8.4	8.1	12.1	





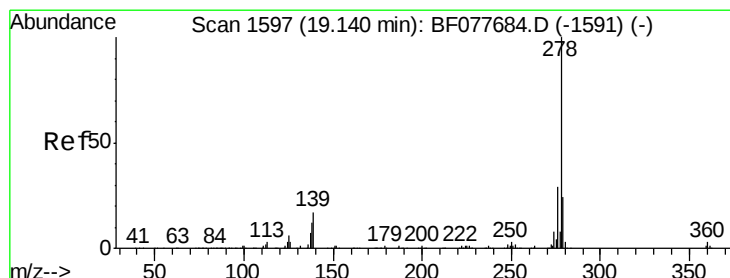
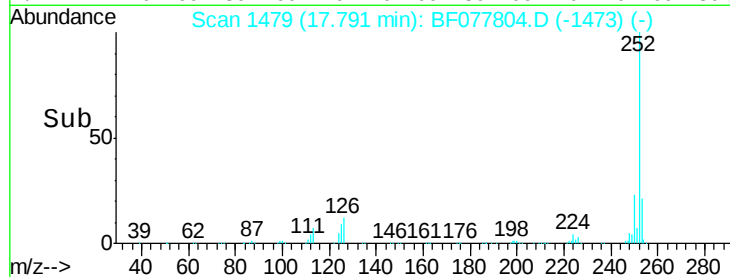
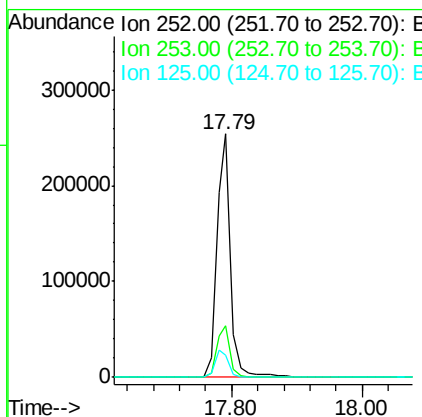
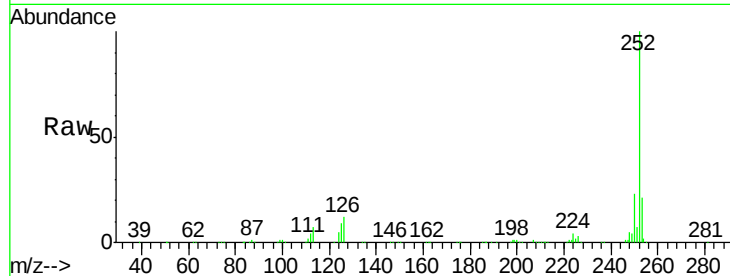
#89
Benzo(a)pyrene
Concen: 43.02 ng
RT: 17.79 min Scan# 1479
Delta R.T. -0.23 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Instrument :
BNA_F
ClientSampleId :
PB82152BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	9.1	7.4	11.2

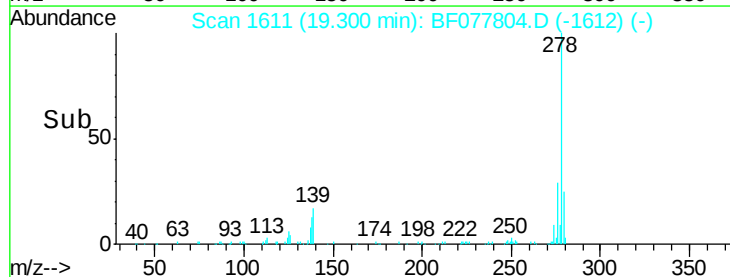
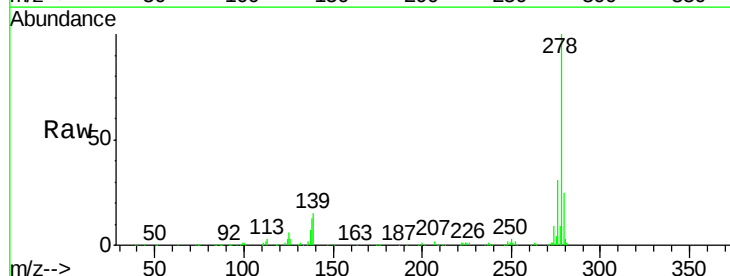
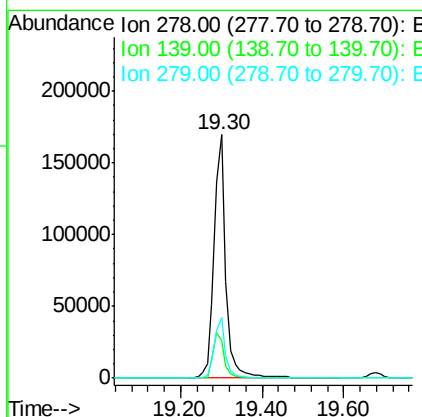
Manual Integrations
APPROVED

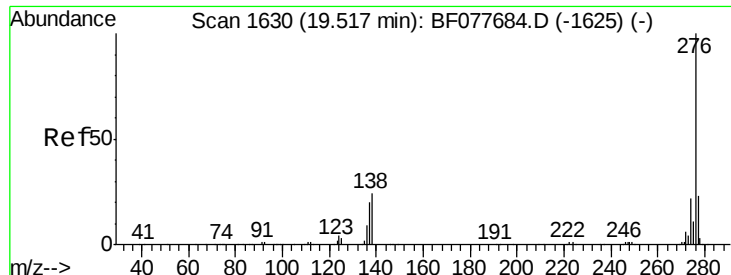
mohammad
3/20/2015 1:48:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.60 ng
RT: 19.30 min Scan# 1611
Delta R.T. -0.31 min
Lab File: BF077804.D
Acq: 18 Mar 2015 19:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.4	20.0
279	24.6	19.0	28.4





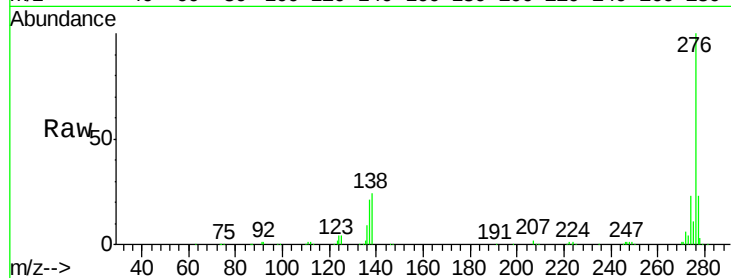
#91
 Benzo(a,h,i)perylene
 Concen: 40.37 ng
 RT: 19.68 min Scan# 1644
 Delta R.T. -0.32 min
 Lab File: BF077804.D
 Acq: 18 Mar 2015 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BSD

Tot Ion:	276	Resp:	352930
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.5	27.7
138	24.4	19.0	28.6

Manual Integrations
 APPROVED

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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

