

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077739.D
 Acq On : 13 Mar 2015 14:56
 Operator : TP/IZ
 Sample : PB82103BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Manual Integrations
 APPROVED

mohammad
 3/19/2015 11:35:12 AM

Quant Time: Mar 14 00:07:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	49532	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	213693	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	111094	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	217042	20.00	ng	0.00
75) Chrysene-d12	16.03	240	226889	20.00	ng	0.00
86) Perylene-d12	17.76	264	211227	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	340430	119.97	ng	0.00
7) Phenol-d6	6.74	99	441891	126.04	ng	0.00
23) Nitrobenzene-d5	7.86	82	233672	71.68	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	115227	108.41	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	536739	71.00	ng	0.00
78) Terphenyl-d14	14.74	244	646504	69.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	36328	28.20	ng	# 100
3) Pyridine	2.77	79	92898	26.84	ng	98
4) n-Nitrosodimethylamine	2.69	42	48749	32.34	ng	# 88
6) Aniline	6.75	93	91281	18.20	ng	# 1
8) 2-Chlorophenol	6.90	128	125929	37.28	ng	97
9) Benzaldehyde	6.61	77	10768	7.50	ng	96
10) Phenol	6.75	94	152916	36.90	ng	90
11) bis(2-Chloroethyl)ether	6.86	93	114496	36.88	ng	98
12) 1,3-Dichlorobenzene	7.09	146	126979	33.80	ng	97
13) 1,4-Dichlorobenzene	7.18	146	128170	32.83	ng	92
14) 1,2-Dichlorobenzene	7.37	146	120585	33.70	ng	# 93
15) Benzyl Alcohol	7.36	79	98756	36.09	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.54	45	150098	35.88	ng	99
17) 2-Methylphenol	7.50	107	100551	36.57	ng	98
18) Hexachloroethane	7.79	117	43909	34.30	ng	94
19) n-Nitroso-di-n-propylamine	7.69	70	83096	34.26	ng	99
20) 3+4-Methylphenols	7.70	107	133225	36.92	ng	98
22) Acetophenone	7.68	105	163299	34.52	ng	# 98
24) Nitrobenzene	7.88	77	118423	33.72	ng	97
25) Isophorone	8.18	82	216668	32.91	ng	# 91
26) 2-Nitrophenol	8.28	139	58210	33.86	ng	96
27) 2,4-Dimethylphenol	8.35	122	110455	35.26	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	139661	34.95	ng	98
29) 2,4-Dichlorophenol	8.58	162	106557	35.69	ng	96
30) 1,2,4-Trichlorobenzene	8.68	180	107154	32.08	ng	99
31) Naphthalene	8.77	128	363192	33.09	ng	100
32) Benzoic acid	8.45	122	45357	27.38	ng	96
33) 4-Chloroaniline	8.85	127	84693	19.01	ng	98
34) Hexachlorobutadiene	8.93	225	59337	31.34	ng	99
35) Caprolactam	9.26	113	31772	36.41	ng	97
36) 4-Chloro-3-methylphenol	9.46	107	111664	37.17	ng	94
37) 2-Methylnaphthalene	9.63	142	257503	34.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	109085	32.92	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	107262	65.27	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	76390	33.28	ng	99
43) 2,4,5-Trichlorophenol	10.03	196	80822	32.59	ng	98
45) 1,1'-Biphenyl	10.21	154	297465	33.50	ng	97
46) 2-Chloronaphthalene	10.22	162	238007	32.98	ng	# 93
47) 2-Nitroaniline	10.36	65	67655	37.75	ng	94
48) Acenaphthylene	10.74	152	390213	32.51	ng	99
49) Dimethylphthalate	10.60	163	298375	36.21	ng	99
50) 2,6-Dinitrotoluene	10.67	165	60790	35.59	ng	97
51) Acenaphthene	10.96	154	221667	32.21	ng	98
52) 3-Nitroaniline	10.86	138	48177	24.29	ng	# 67
53) 2,4-Dinitrophenol	11.00	184	38193	62.80	ng	98
54) Dibenzofuran	11.17	168	349084	34.20	ng	99
55) 4-Nitrophenol	11.09	139	104333	71.01	ng	89
56) 2,4-Dinitrotoluene	11.16	165	80398	36.10	ng	# 98
57) Fluorene	11.60	166	280007	33.04	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	66149	34.64	ng	# 100
59) Diethylphthalate	11.48	149	282264	35.16	ng	98
60) 4-Chlorophenyl-phenylether	11.61	204	132769	34.33	ng	95
61) 4-Nitroaniline	11.63	138	64040	32.39	ng	97
62) Azobenzene	11.80	77	266978	34.79	ng	96
64) 4,6-Dinitro-2-methylphenol	11.66	198	31974	32.71	ng	89
65) n-Nitrosodiphenylamine	11.76	169	253204	35.04	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	81052	34.99	ng	94
67) Hexachlorobenzene	12.26	284	81961	32.20	ng	# 70
68) Atrazine	12.43	200	78819	38.92	ng	98
69) Pentachlorophenol	12.52	266	85558	64.79	ng	99
70) Phenanthrene	12.79	178	420397	33.74	ng	99
71) Anthracene	12.84	178	421947	34.28	ng	100
72) Carbazole	13.05	167	390430	33.34	ng	99
73) Di-n-butylphthalate	13.51	149	460829	35.10	ng	100
74) Fluoranthene	14.25	202	444550	32.35	ng	93
76) Benzidine	14.43	184	198491	35.31	ng	98
77) Pyrene	14.53	202	481057	33.72	ng	99
79) Butylbenzylphthalate	15.37	149	198897	35.36	ng	95
80) Benzo(a)anthracene	16.02	228	445833	33.15	ng	99
81) 3,3'-Dichlorobenzidine	16.00	252	104076	23.46	ng	# 99
82) Chrysene	16.07	228	416097	34.41	ng	100
83) Bis(2-ethylhexyl)phthalate	16.09	149	304080	35.69	ng	99
84) Di-n-octyl phthalate	16.88	149	509998	35.00	ng	100
85) Indeno(1,2,3-cd)pyrene	19.14	276	442182	29.29	ng	# 100
87) Benzo(b)fluoranthene	17.31	252	407835	29.58	ng	97
88) Benzo(k)fluoranthene	17.35	252	437870m	40.65	ng	
89) Benzo(a)pyrene	17.69	252	403352	35.06	ng	# 97
90) Dibenzo(a,h)anthracene	19.17	278	384673	33.71	ng	99
91) Benzo(g,h,i)perylene	19.55	276	383431	33.00	ng	98

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

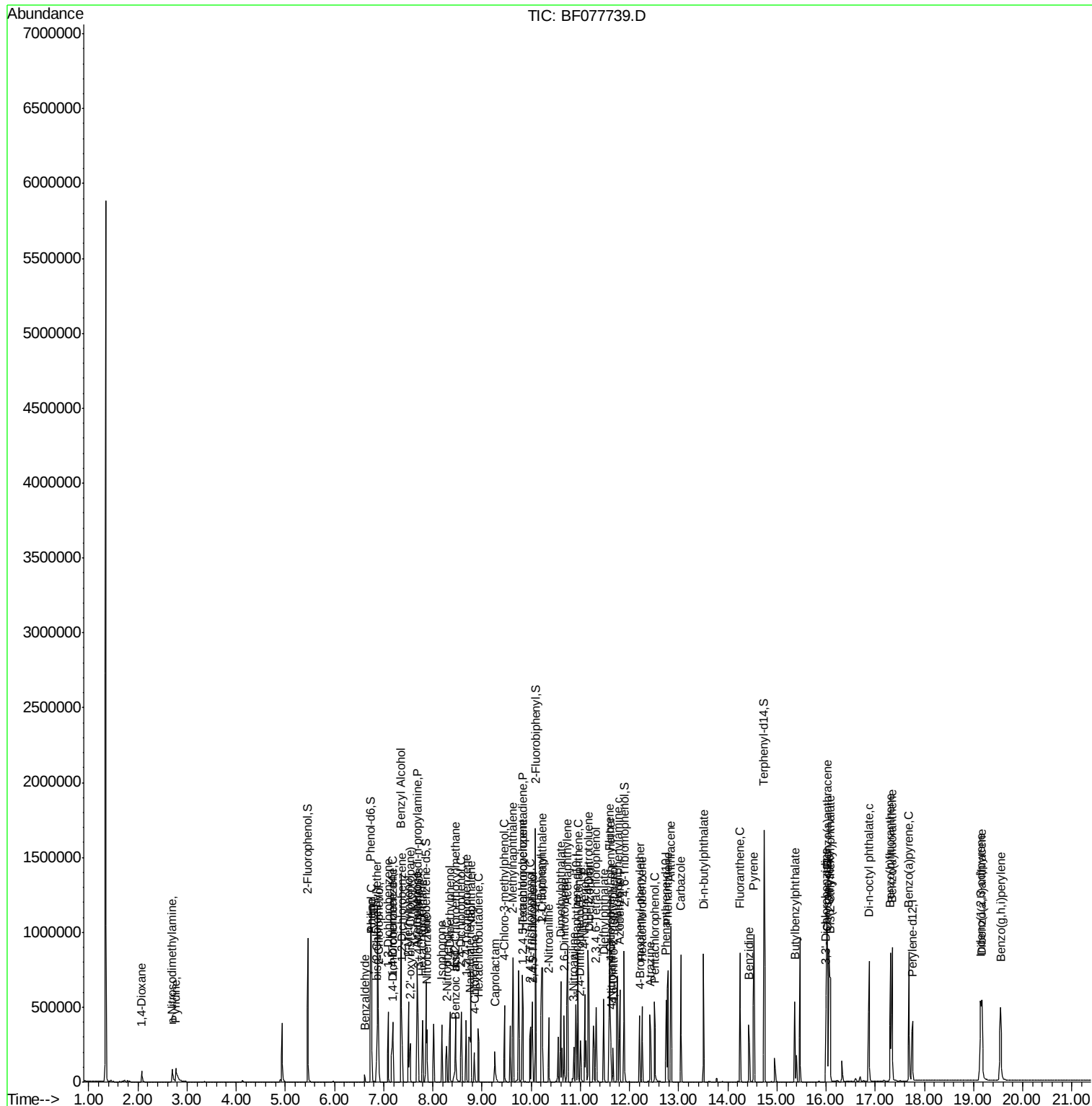
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Operator  : TP/IZ  
Sample    : PB82103BSD  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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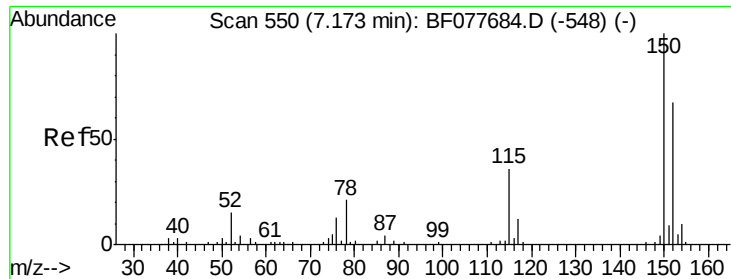
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077739.D

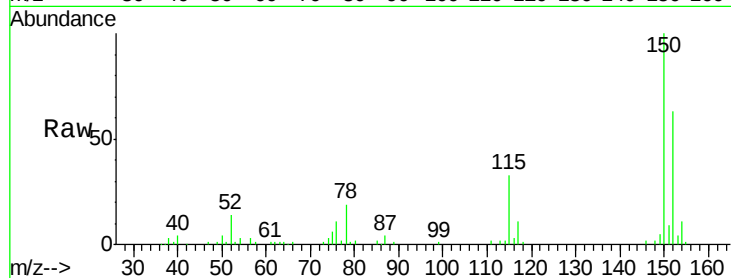
Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD



Tgt Ion:152 Resp: 49532

Ion Ratio Lower Upper

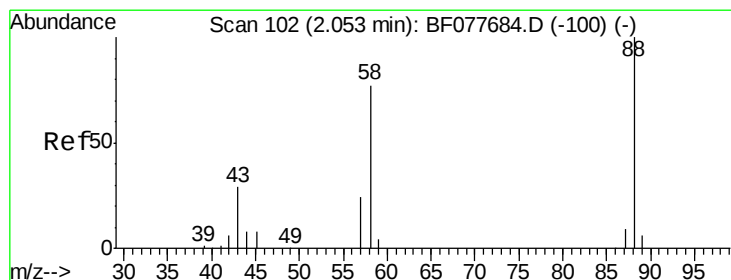
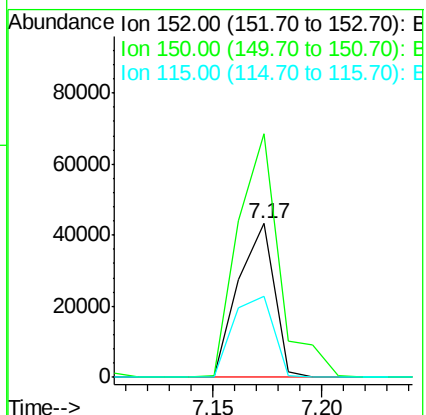
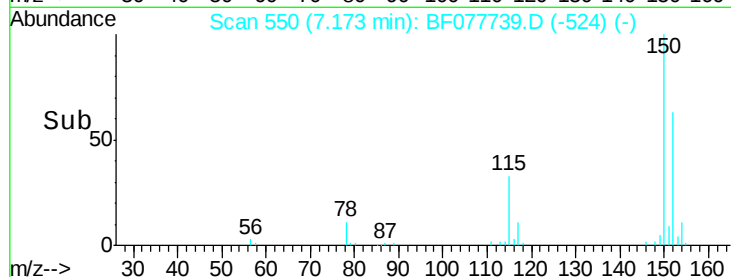
152 100

150 158.2 119.5 179.3

115 52.6 43.0 64.4

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#2

1,4-Dioxane

Concen: 28.20 ng

RT: 2.08 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

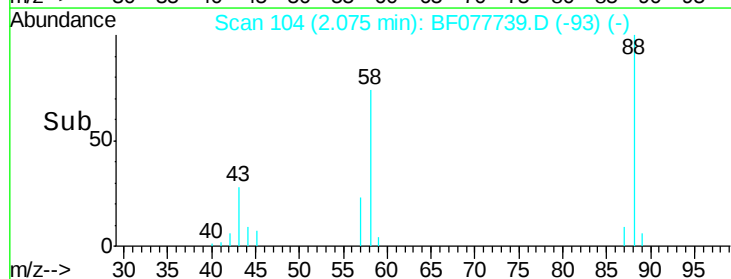
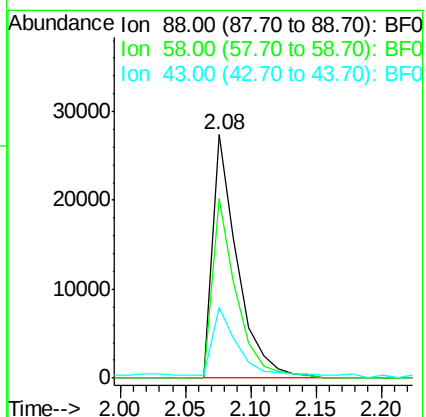
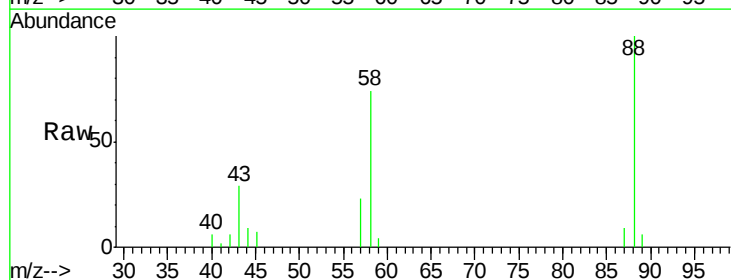
Tgt Ion: 88 Resp: 36328

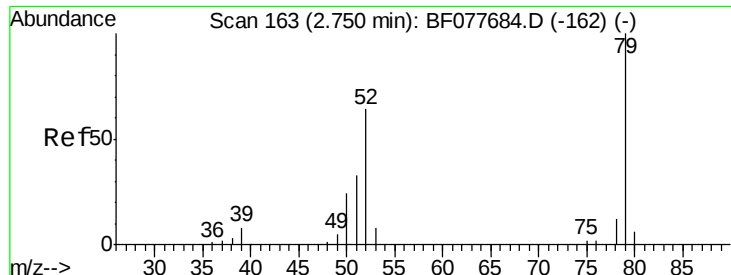
Ion Ratio Lower Upper

88 100

58 71.7 0.0 0.0#

43 34.1 0.0 0.0#





#3

Pyridine

Concen: 26.84 ng

RT: 2.77 min Scan# 165

Delta R.T. 0.03 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

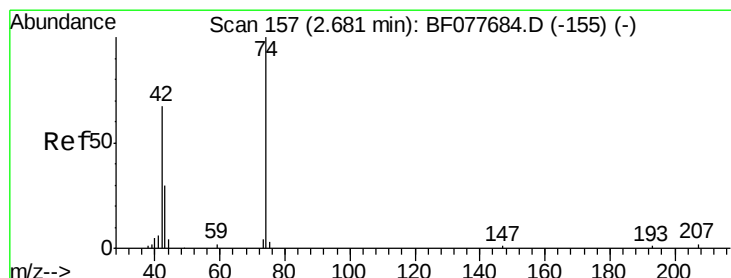
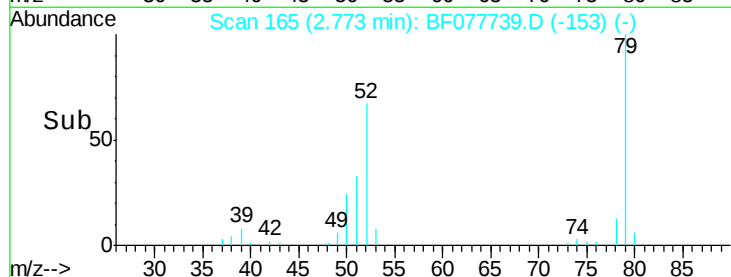
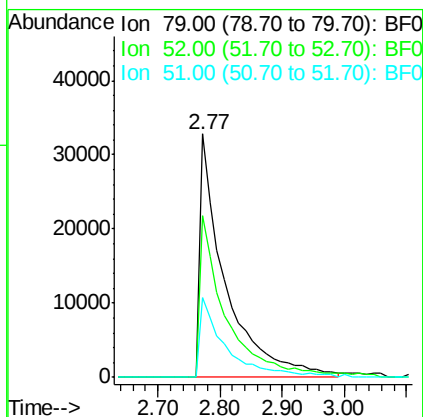
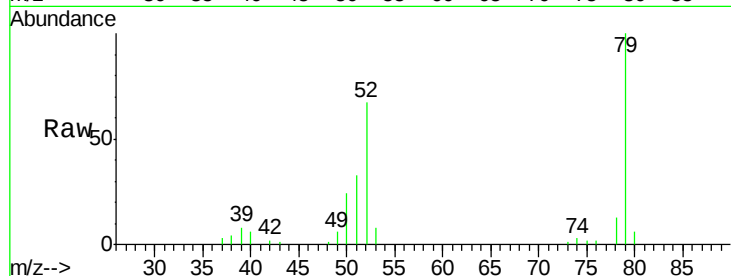
ClientSampleId :

PB82103BSD

Tgt Ion:	79	Resp:	92898
Ion	Ratio	Lower	Upper
79	100		
52	66.5	51.1	76.7
51	33.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 32.34 ng

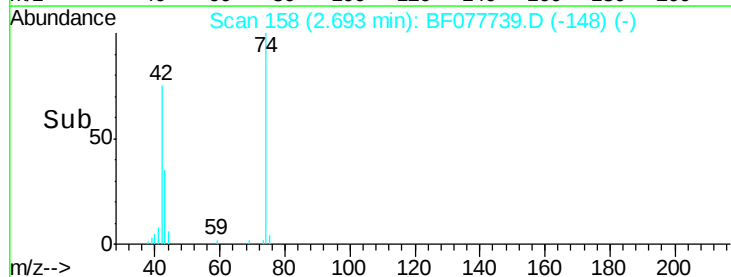
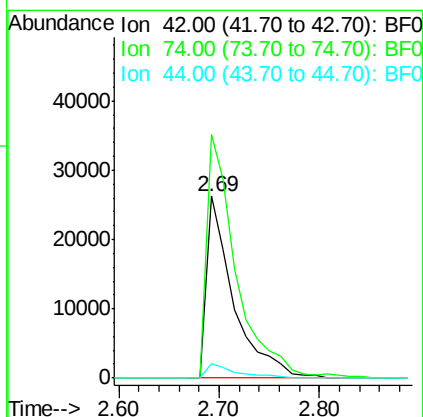
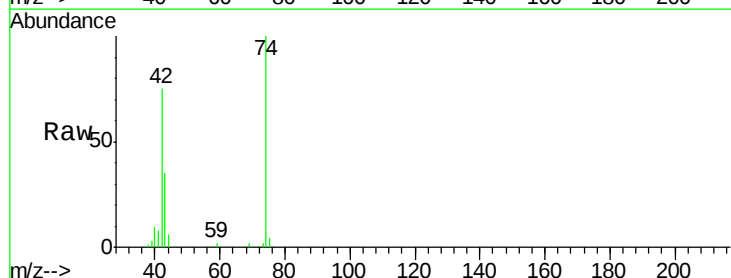
RT: 2.69 min Scan# 158

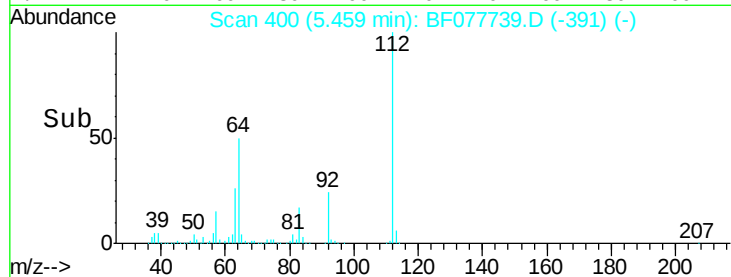
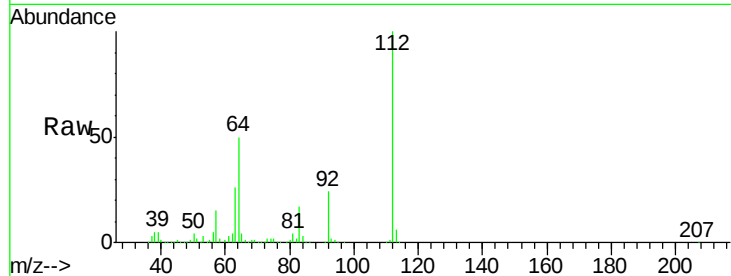
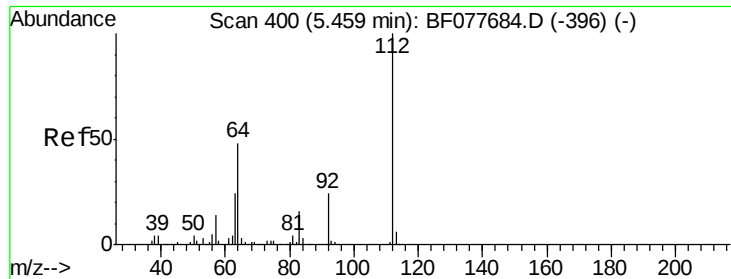
Delta R.T. 0.01 min

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Tgt Ion:	42	Resp:	48749
Ion	Ratio	Lower	Upper
42	100		
74	133.8	119.3	178.9
44	8.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 119.97 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	112	Resp:	340430
Ion Ratio	Lower	Upper	
112	100		
64	50.3	38.6	57.8
63	25.8	19.3	28.9

Instrument :

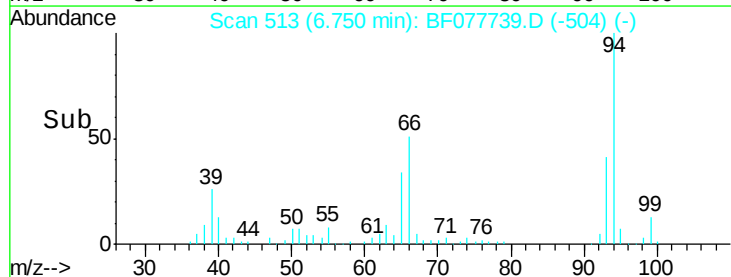
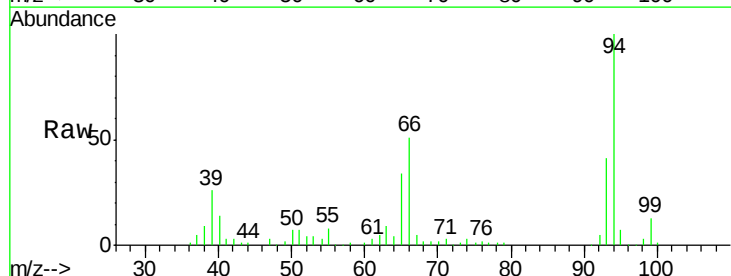
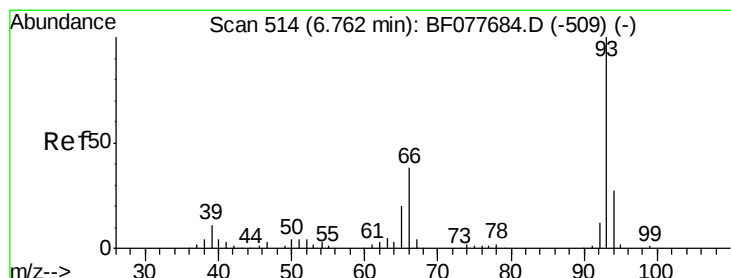
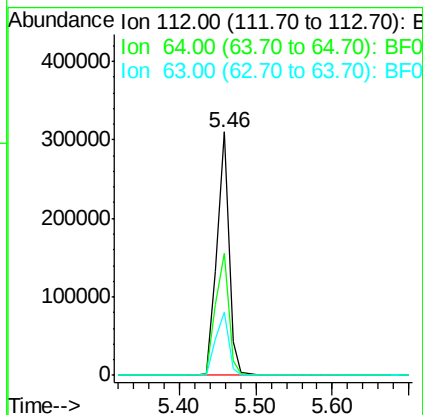
BNA_F

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PB82103BSD

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#6

Aniline

Concen: 18.20 ng

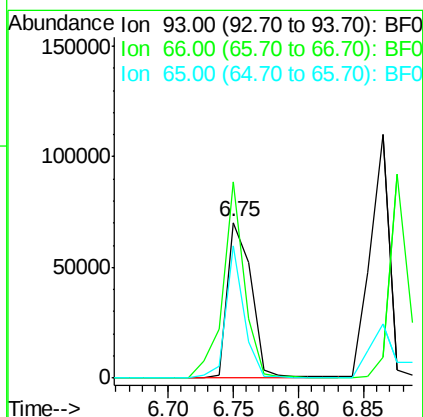
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	93	Resp:	91281
Ion Ratio	Lower	Upper	
93	100		
66	125.9	30.8	46.2#
65	84.9	16.0	24.0#





#7

Phenol-d6

Concen: 126.04 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

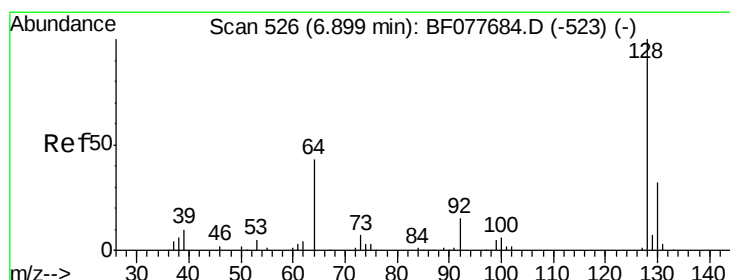
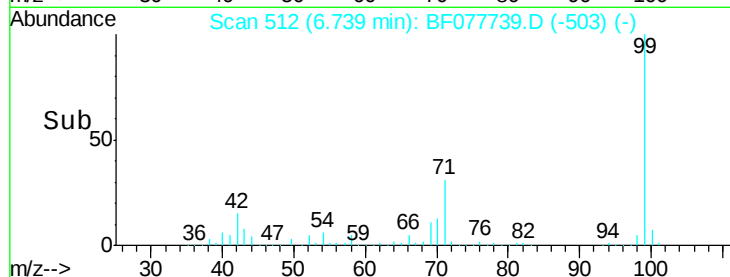
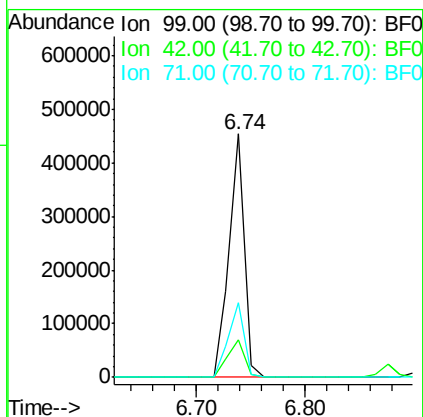
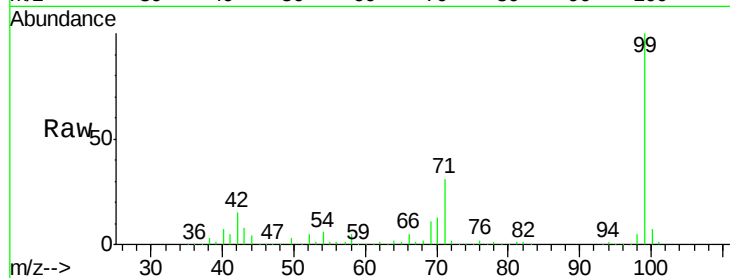
ClientSampleId :

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Tgt Ion:	99	Resp:	441891
Ion Ratio	Lower	Upper	
99	100		
42	15.3	11.0	16.4
71	30.7	23.4	35.2

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#8

2-Chlorophenol

Concen: 37.28 ng

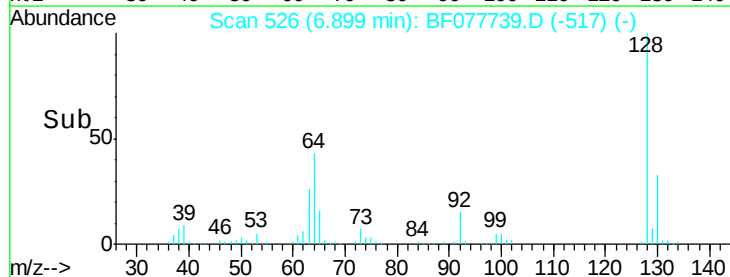
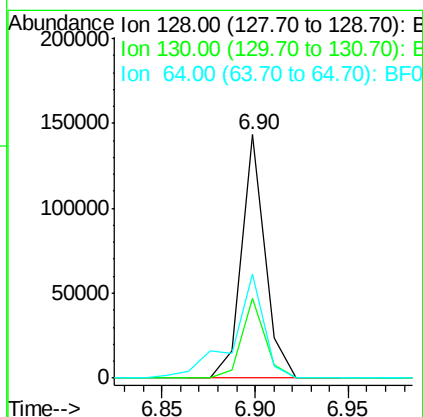
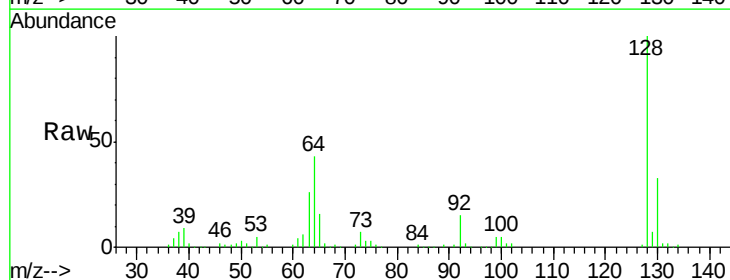
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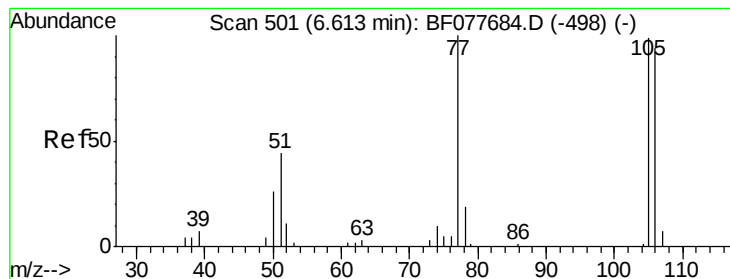
Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	128	Resp:	125929
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	42.8	24.9	64.9





#9

Benzaldehyde

Concen: 7.50 ng

RT: 6.61 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

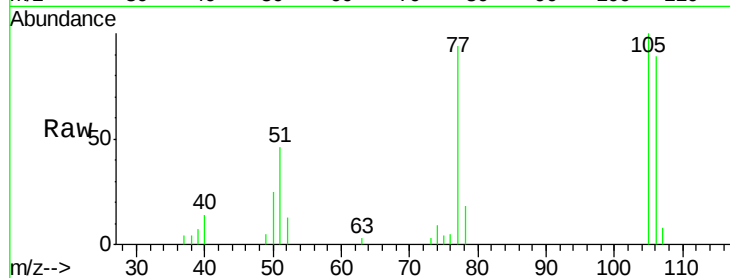
ClientSampleId :

PB82103BSD

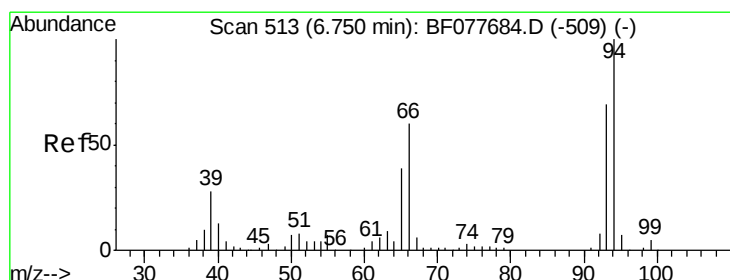
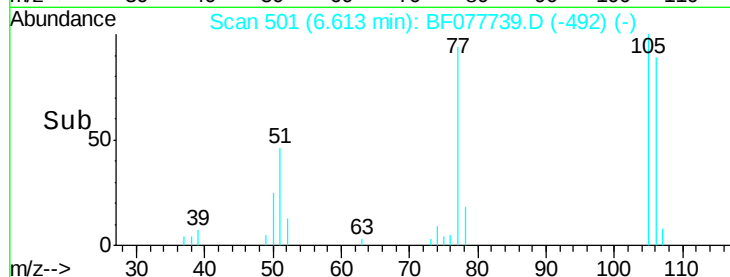
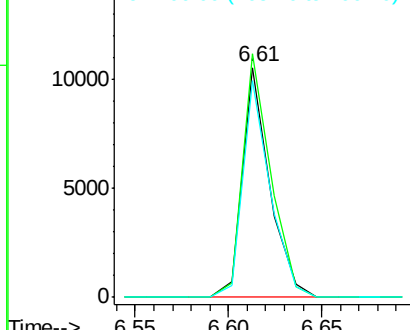
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Tgt Ion:	77	Resp:	10768
Ion	Ratio	Lower	Upper
77	100		
105	105.8	78.8	118.8
106	94.5	73.7	113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.90 ng

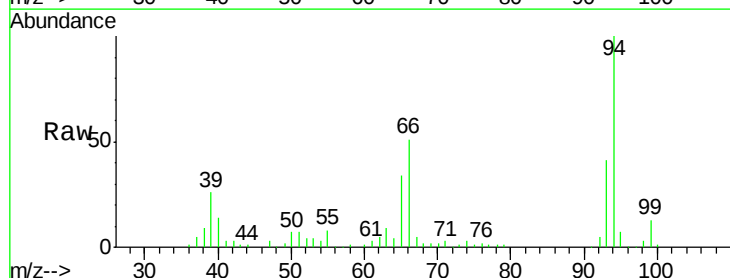
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

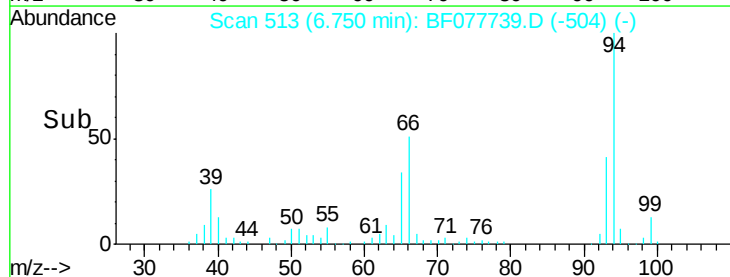
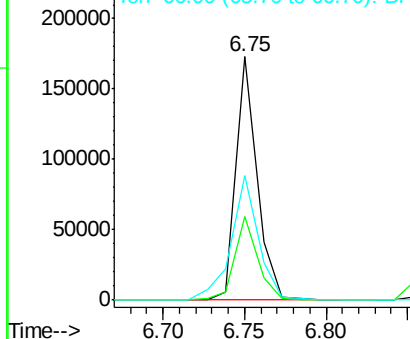
Lab File: BF077739.D

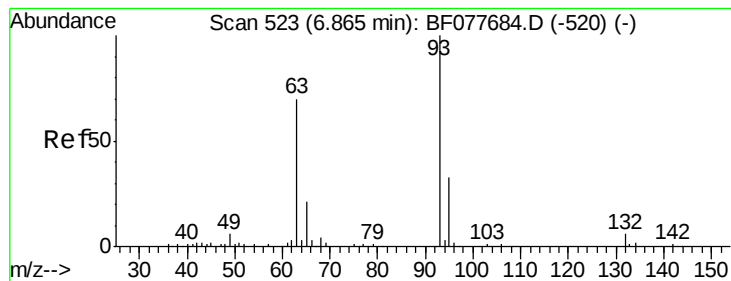
Acq: 13 Mar 2015 14:56

Tgt Ion:	94	Resp:	152916
Ion	Ratio	Lower	Upper
94	100		
65	34.5	18.8	58.8
66	51.2	39.9	79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





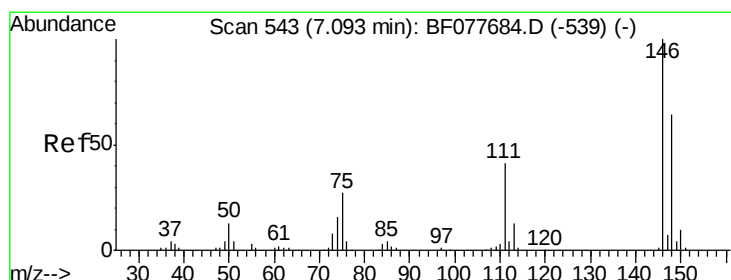
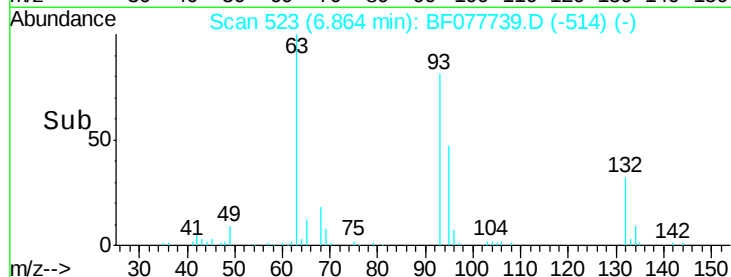
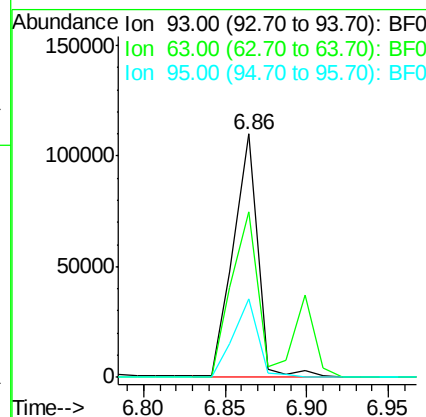
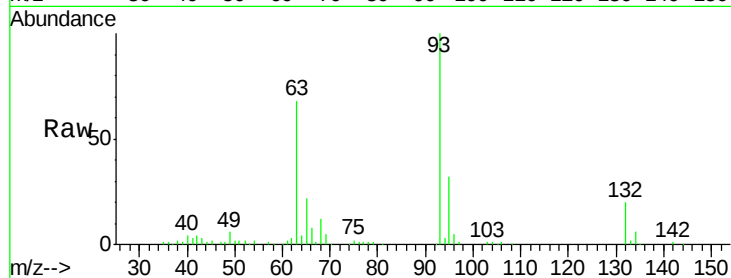
#11
bis(2-Chloroethyl)ether
Concen: 36.88 ng
RT: 6.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	68.2	49.5	89.5
95	32.1	13.5	53.5

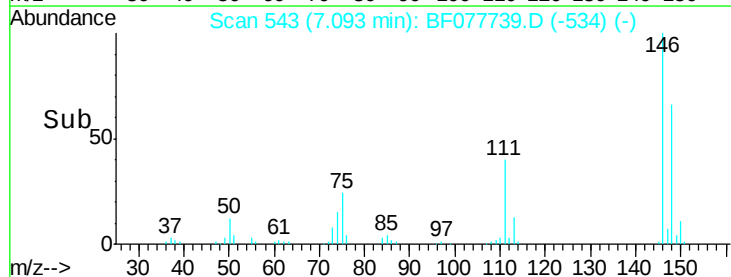
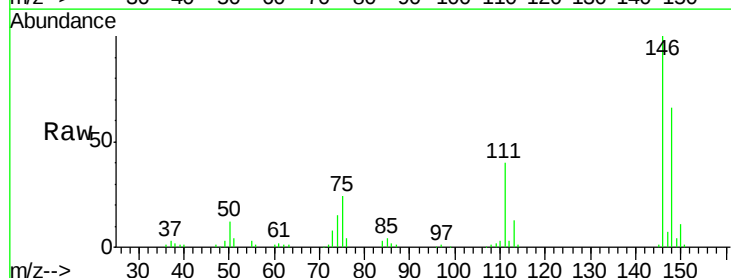
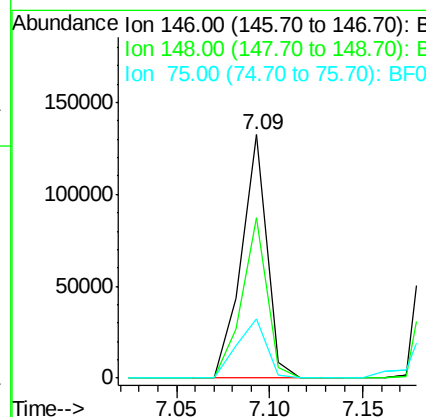
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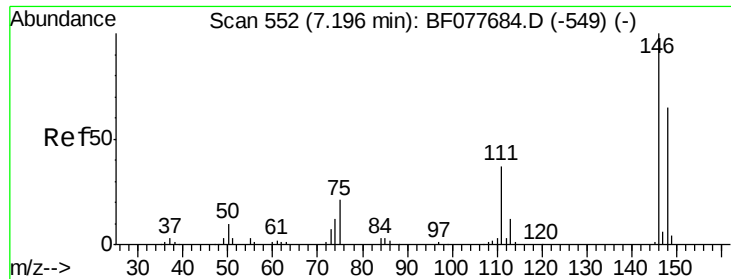
mohammad
3/19/2015 11:35:12 AM



#12
1,3-Dichlorobenzene
Concen: 33.80 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.7	50.9	76.3
75	24.5	21.4	32.2





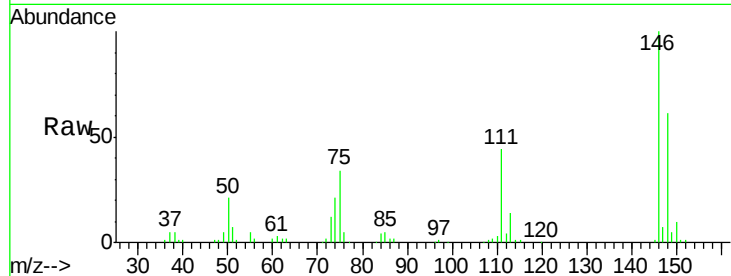
#13
 1,4-Dichlorobenzene
 Concen: 32.83 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

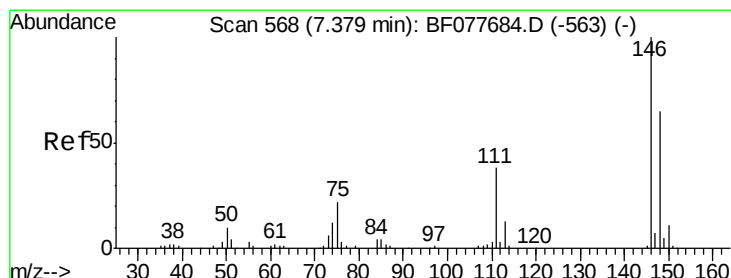
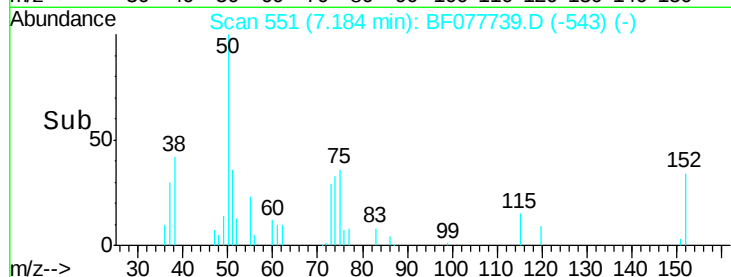
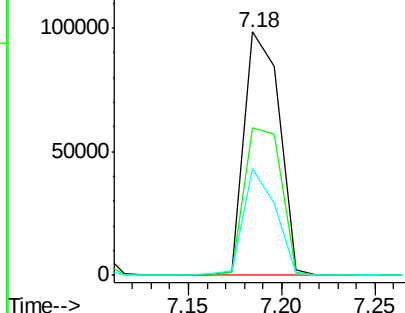
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128170		
148	60.6	51.9	77.9	
111	43.7	29.2	43.8	

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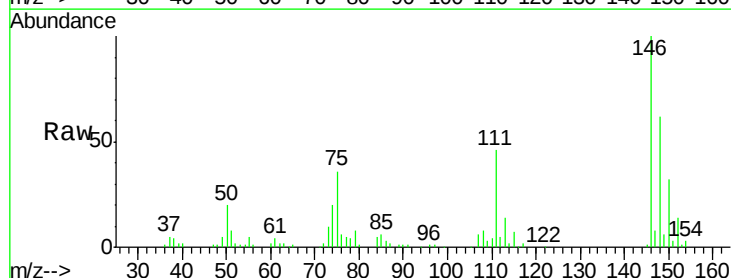


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

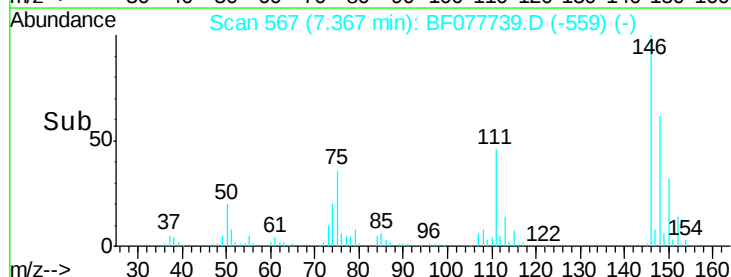
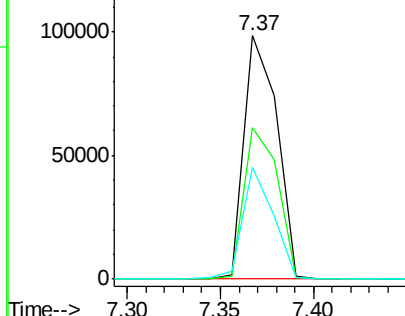


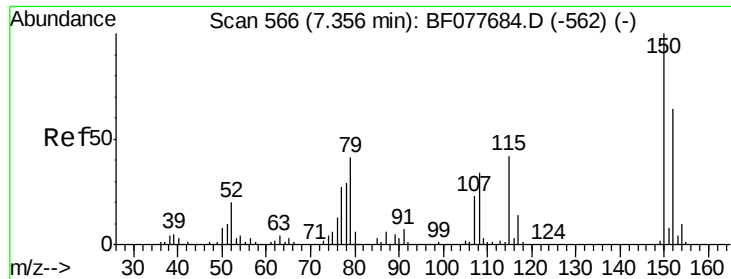
#14
 1,2-Dichlorobenzene
 Concen: 33.70 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	120585		
148	62.4	52.3	78.5	
111	45.9	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





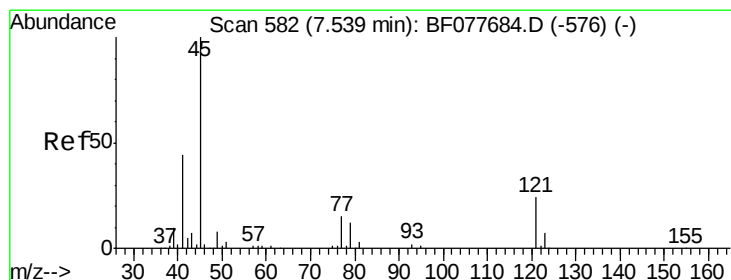
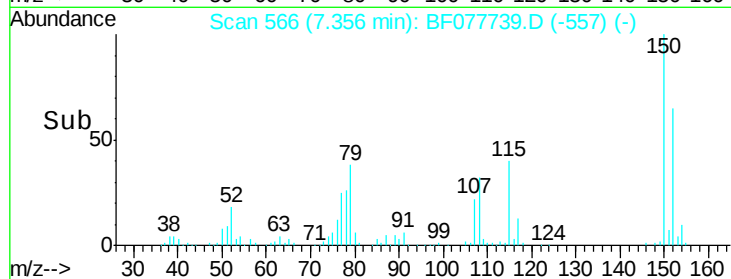
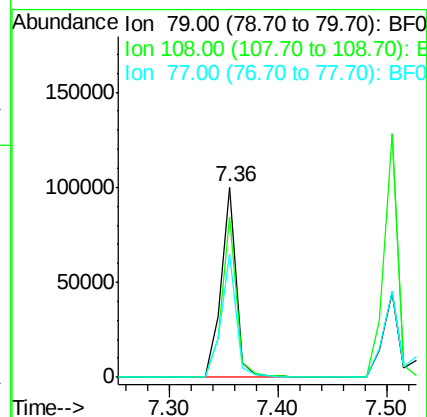
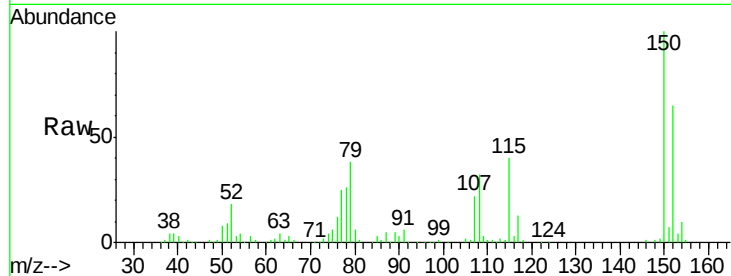
#15
Benzyl Alcohol
Concen: 36.09 ng
RT: 7.36 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.3	65.0	97.4
77	64.8	53.0	79.6

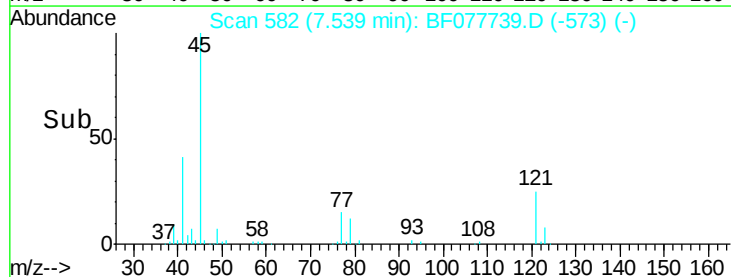
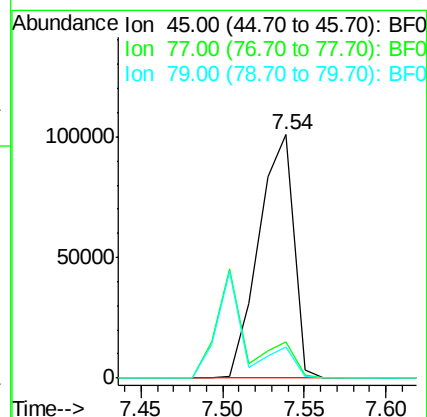
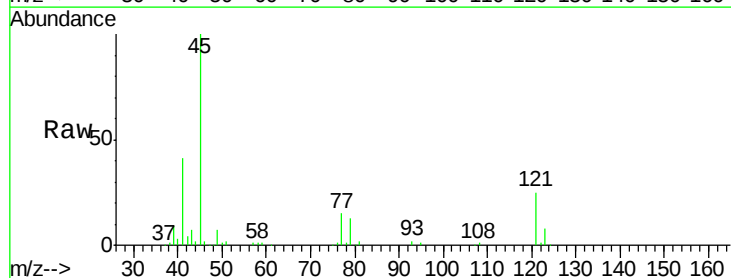
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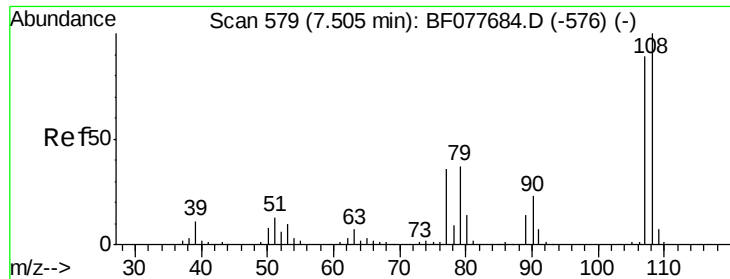
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.88 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	35.2
79	12.7	0.0	32.0





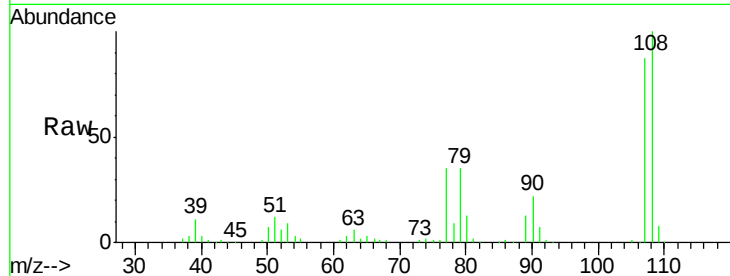
#17
2-Methylphenol
Concen: 36.57 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

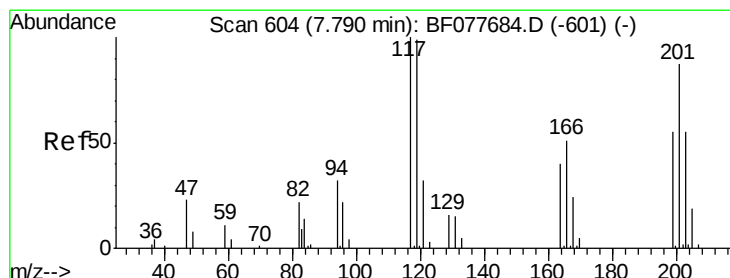
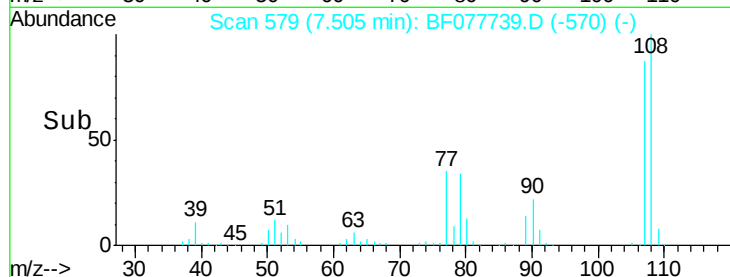
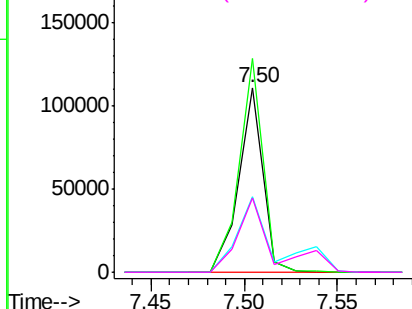
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	100551		
108	115.5	89.8	134.8	
77	40.7	32.6	48.8	
79	40.1	32.8	49.2	

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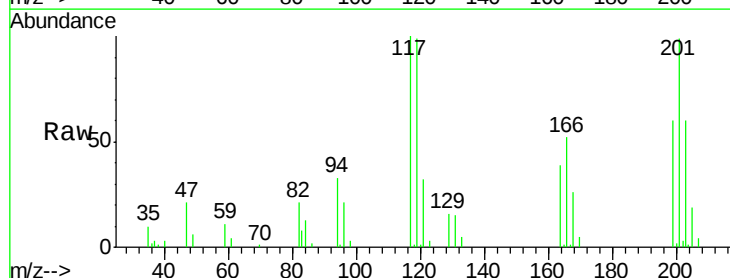


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
150000
Ion 77.00 (76.70 to 77.70): BF0
100000
Ion 79.00 (78.70 to 79.70): BF0
50000
0

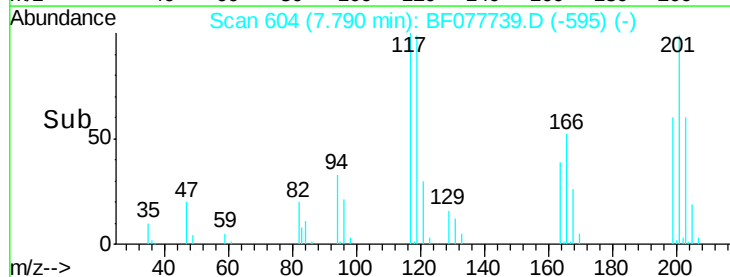
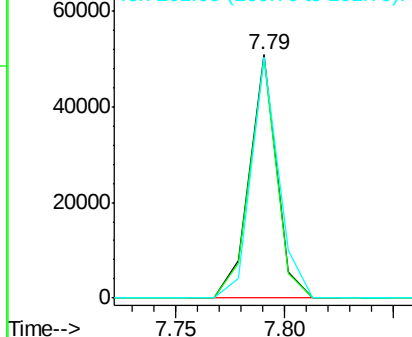


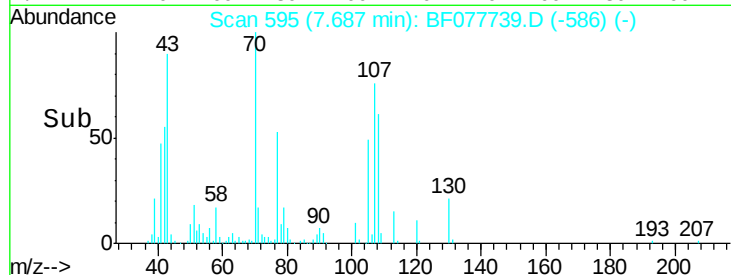
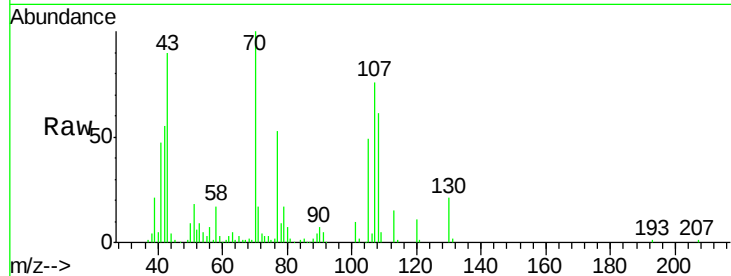
#18
Hexachloroethane
Concen: 34.30 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43909		
119	98.7	79.2	118.8	
201	98.8	69.8	104.6	



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
40000
Ion 201.00 (200.70 to 201.70): E
20000
0





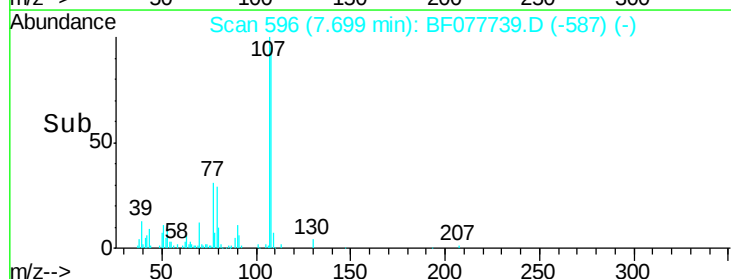
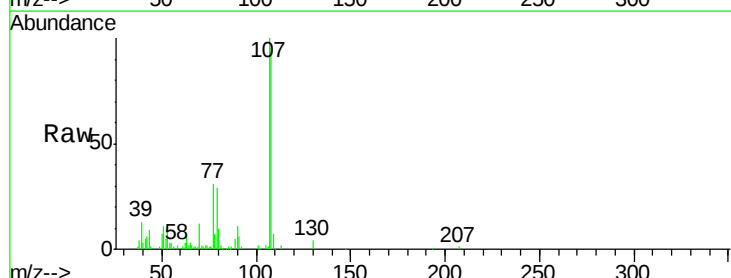
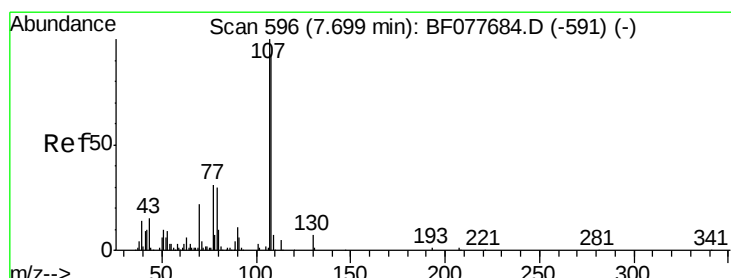
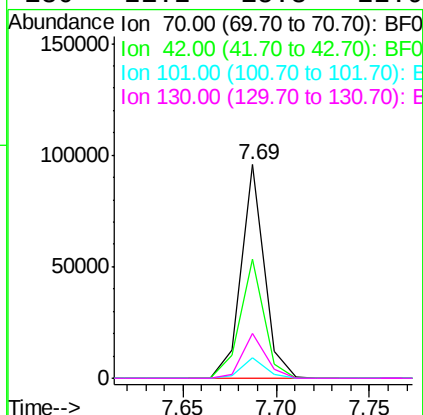
#19
n-Nitroso-di-n-propylamine
Concen: 34.26 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

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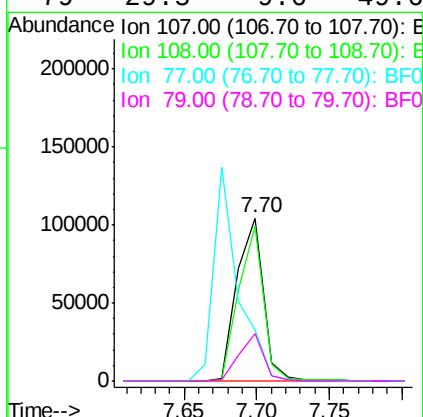
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Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	44.5	66.7	
101	9.6	7.4	11.2	
130	21.2	15.3	22.9	



#20
3+4-Methylphenols
Concen: 36.92 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.5	73.2	113.2	
77	31.3	10.7	50.7	
79	29.5	9.6	49.6	





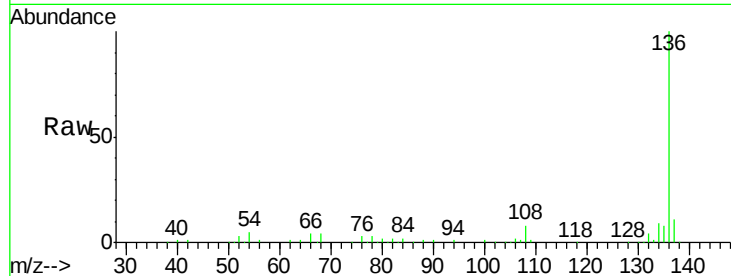
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

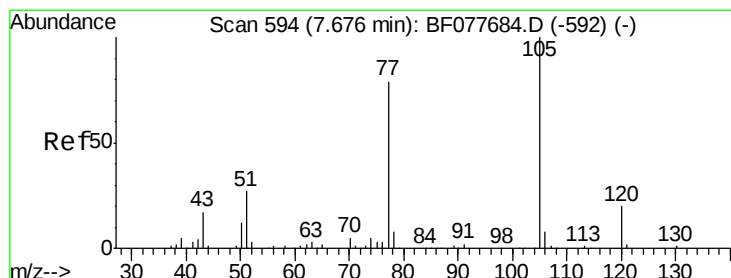
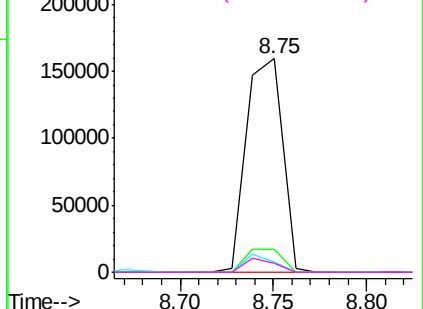
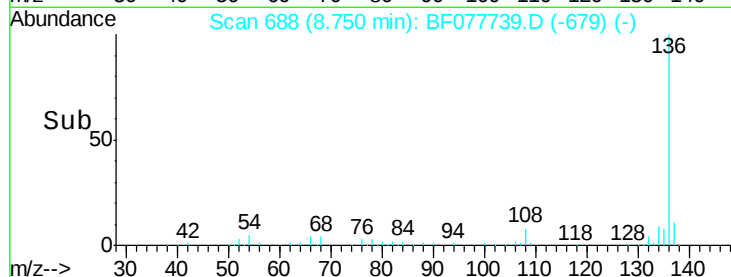
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	213693		
137	10.8	8.7	13.1	
54	5.0	4.6	6.8	
68	4.4	3.7	5.5	

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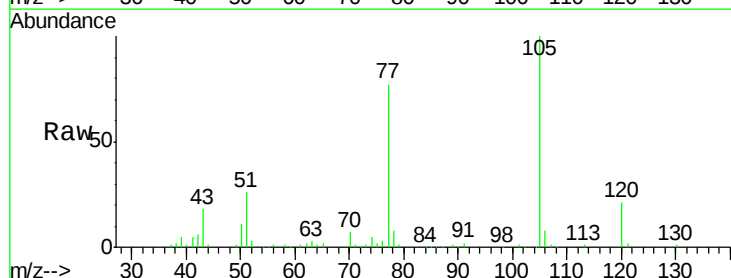


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

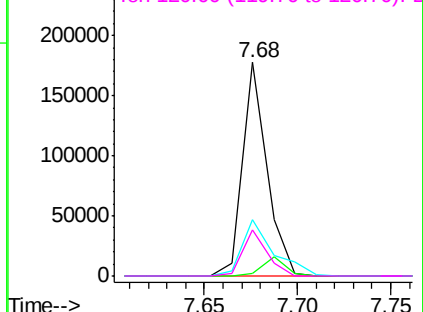
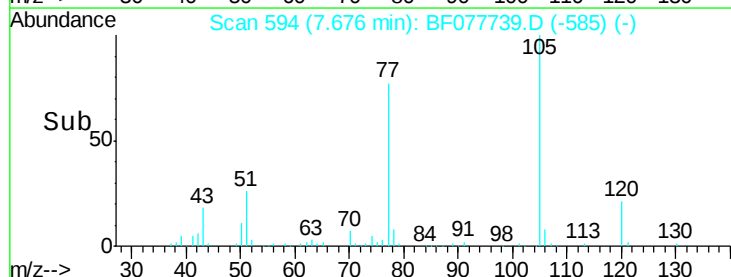


#22
Acetophenone
Concen: 34.52 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163299		
71	1.3	0.6	1.0#	
51	26.3	21.6	32.4	
120	21.3	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: 71.68 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

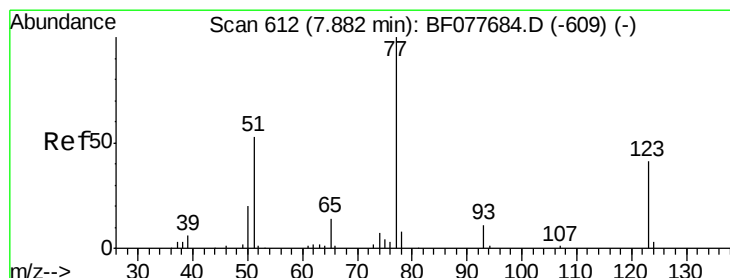
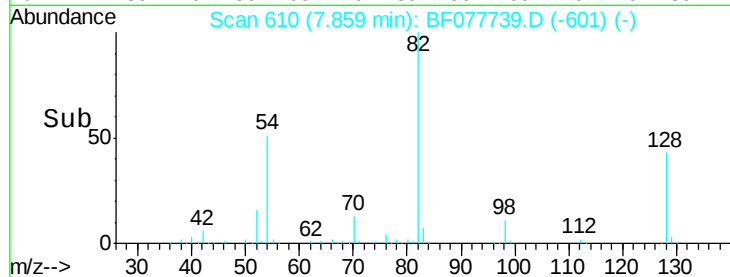
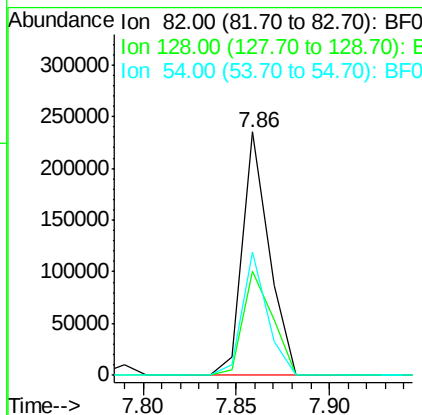
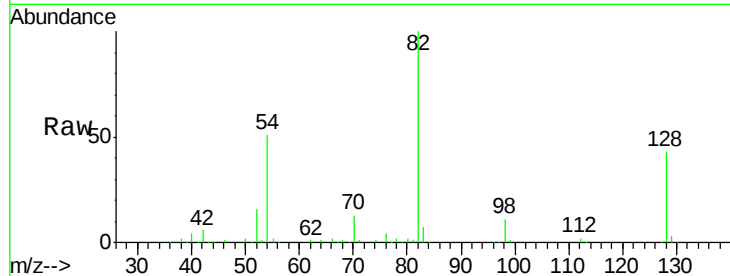
ClientSampleId :

PB82103BSD

Tgt Ion:	82	Resp:	233672
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.8	49.2
54	50.6	40.6	60.8

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#24

Nitrobenzene

Concen: 33.72 ng

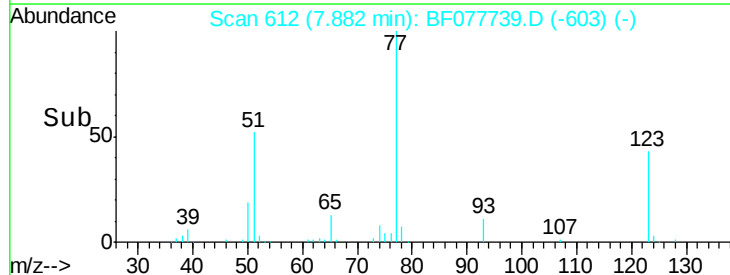
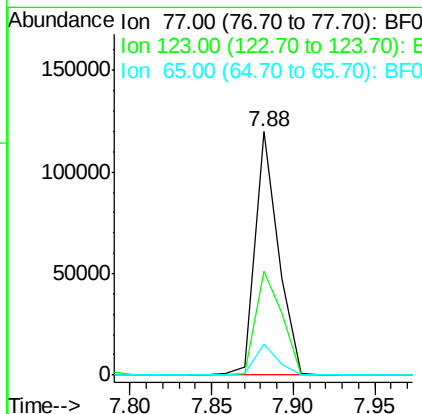
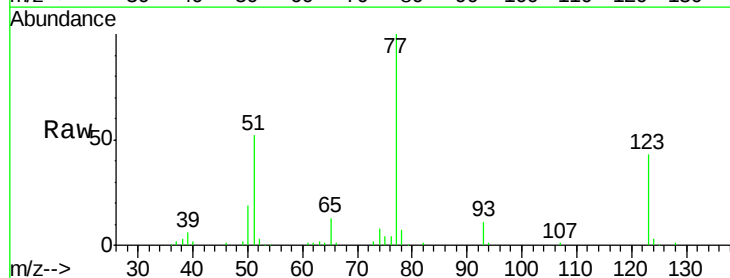
RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	77	Resp:	118423
Ion Ratio	Lower	Upper	
77	100		
123	42.6	32.6	49.0
65	13.0	10.9	16.3





#25

Isophorone

Concen: 32.91 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

Tgt Ion: 82 Resp: 216668

Ion Ratio Lower Upper

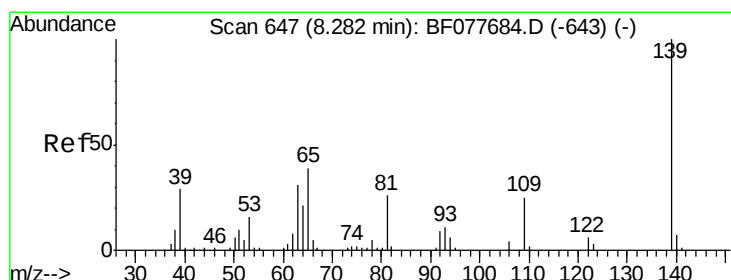
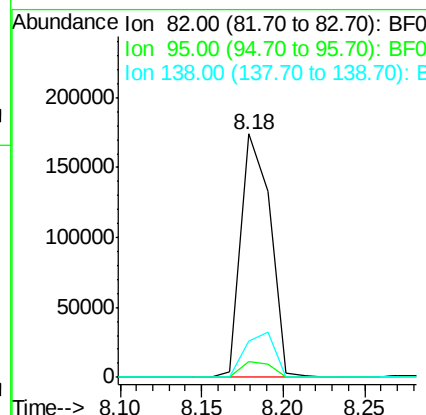
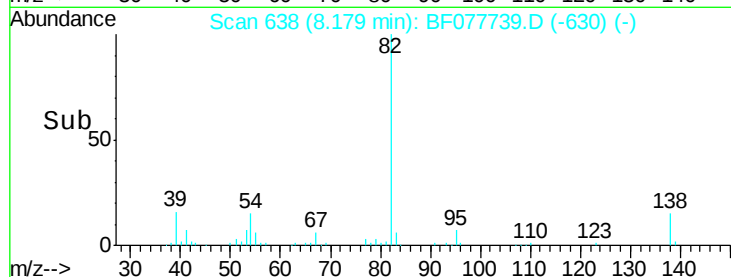
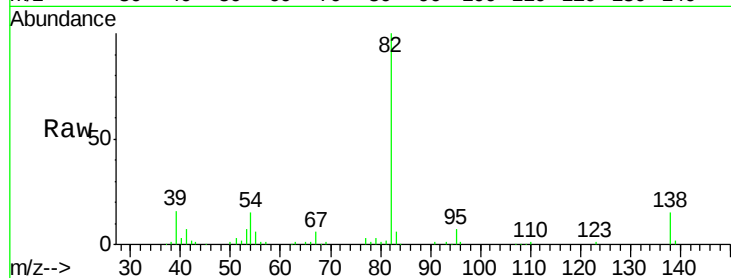
82 100

95 6.5 5.8 8.6

138 15.0 16.3 24.5#

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#26

2-Nitrophenol

Concen: 33.86 ng

RT: 8.28 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

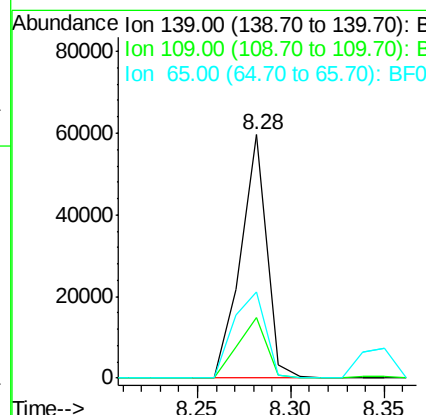
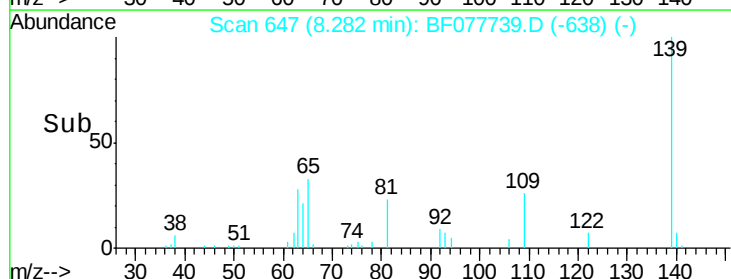
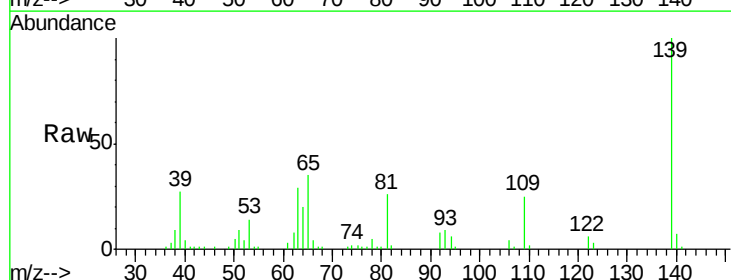
Tgt Ion: 139 Resp: 58210

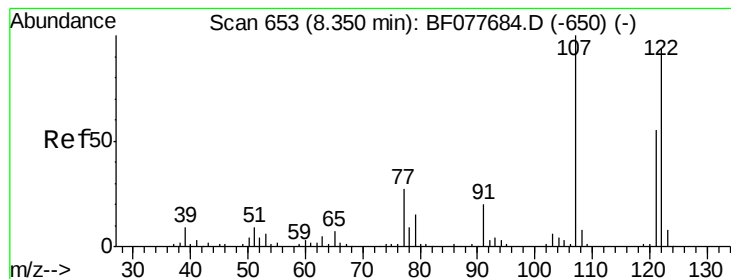
Ion Ratio Lower Upper

139 100

109 25.1 20.1 30.1

65 35.2 31.5 47.3





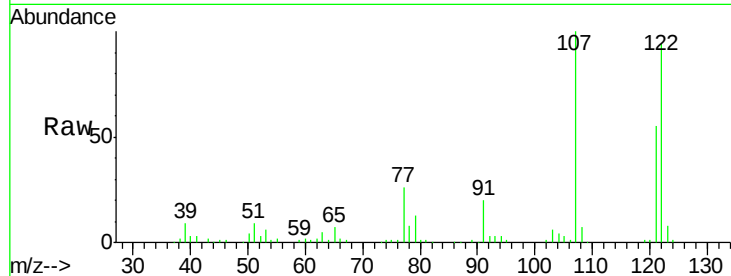
#27
 2,4-Dimethylphenol
 Concen: 35.26 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	110455		
107	106.5	84.7	127.1	
121	58.8	46.6	69.8	

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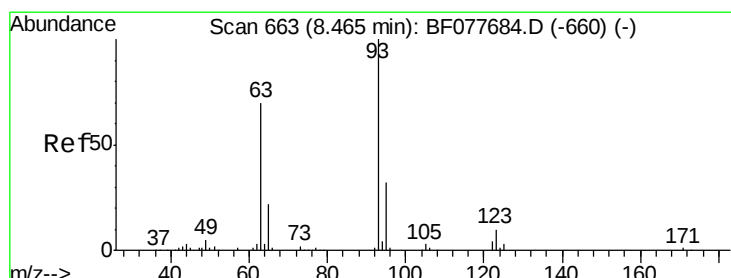
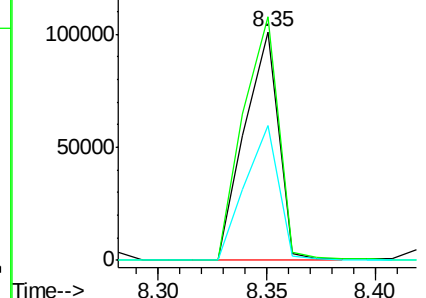
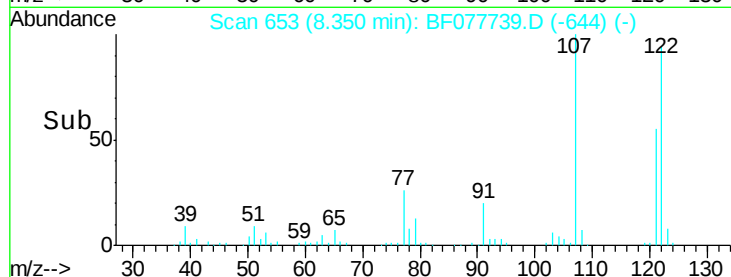


Abundance

Ion 122.00 (121.70 to 122.70): E

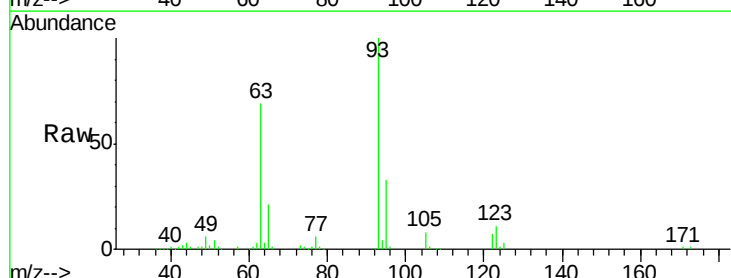
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.95 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	139661		
95	33.4	25.5	38.3	
123	10.9	8.6	13.0	

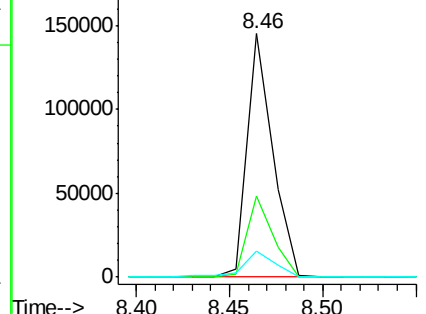
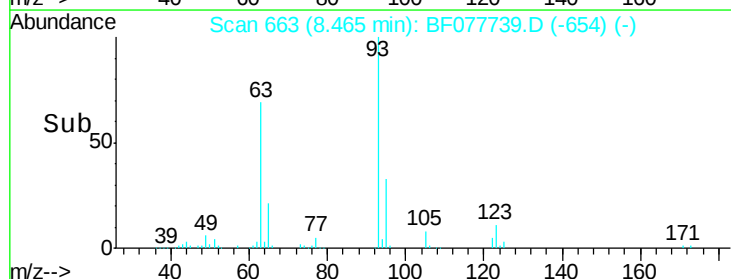


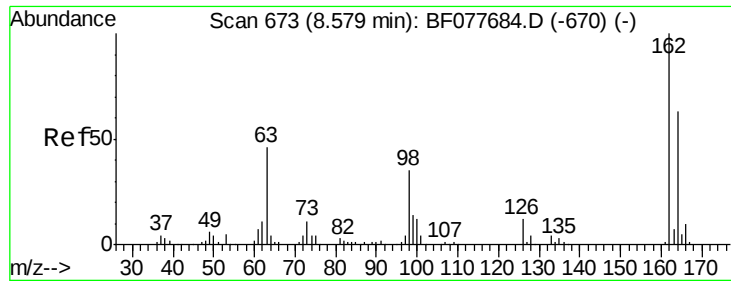
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





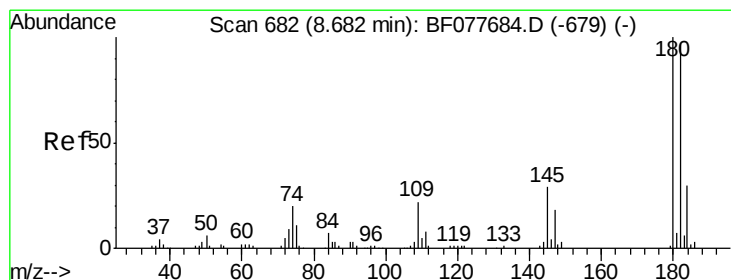
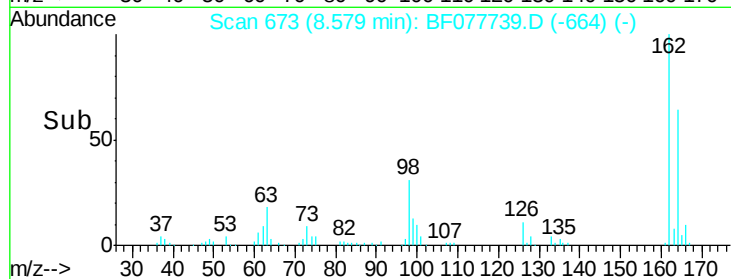
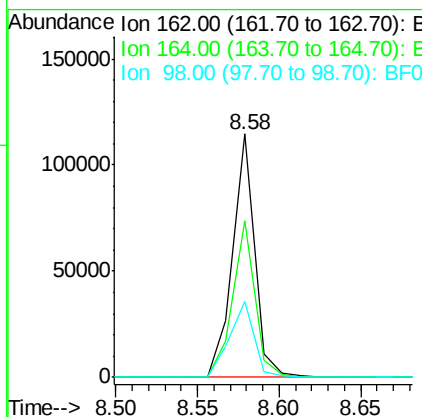
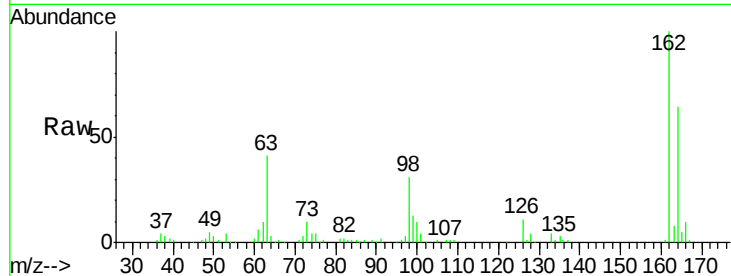
#29
 2,4-Dichlorophenol
 Concen: 35.69 ng
 RT: 8.58 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	42.8	82.8
98	31.0	14.5	54.5

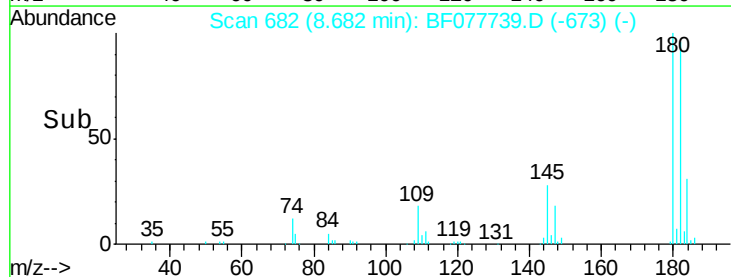
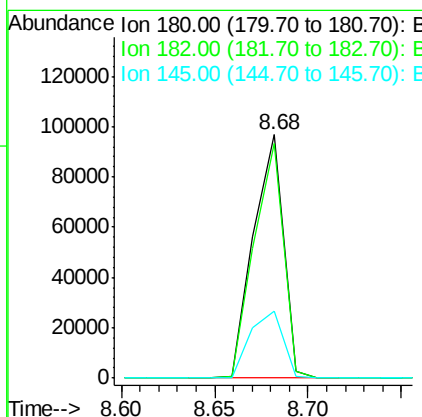
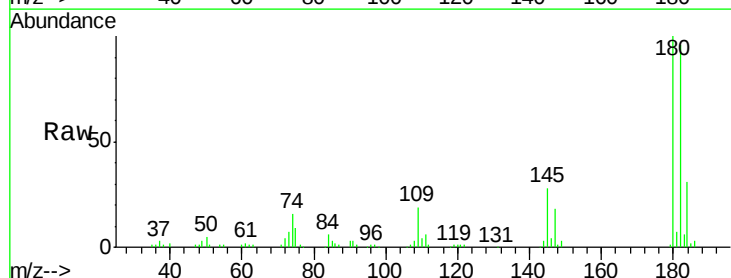
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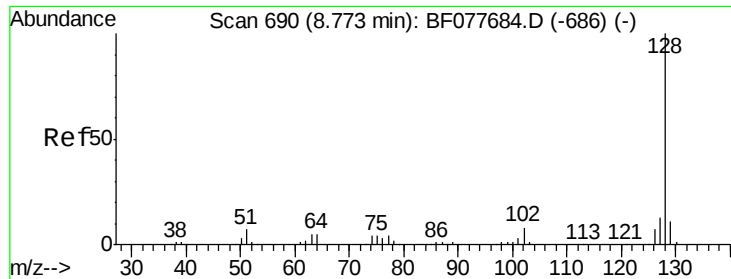
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.08 ng
 RT: 8.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	77.6	116.4
145	27.5	23.4	35.2





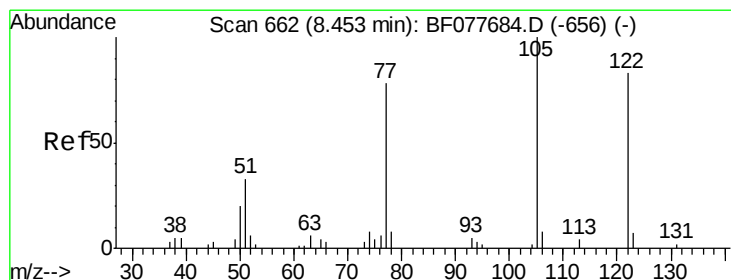
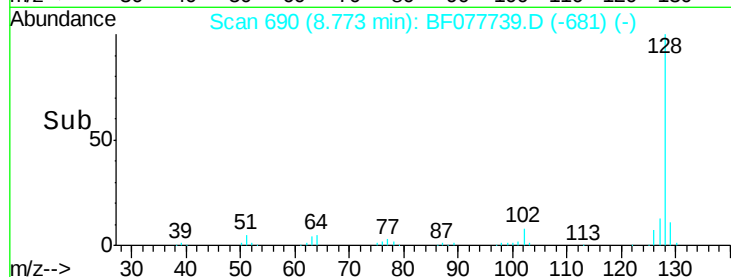
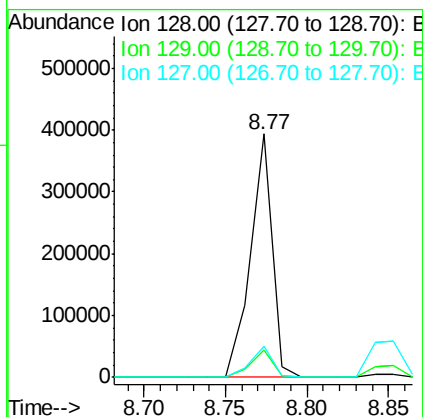
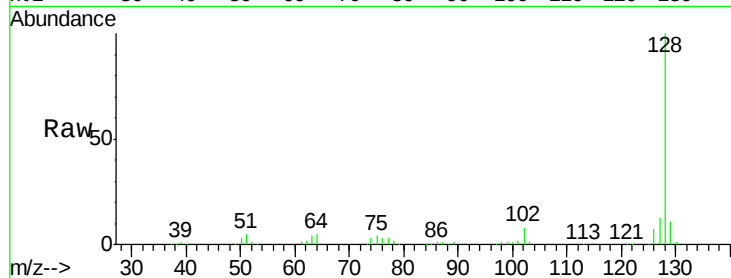
#31
Naphthalene
Concen: 33.09 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	363192		
129	11.1	8.9	13.3	
127	12.7	10.4	15.6	

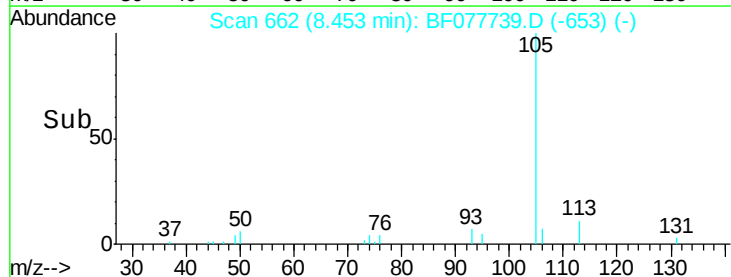
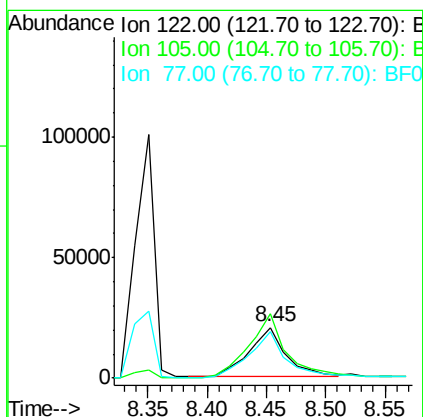
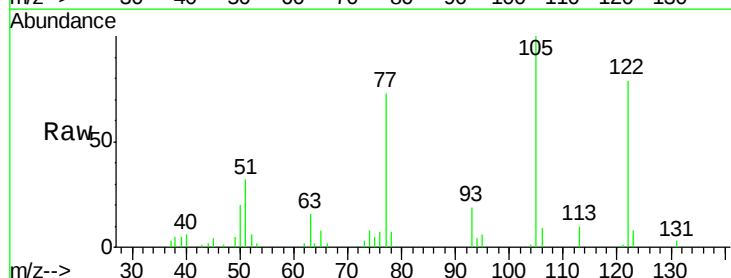
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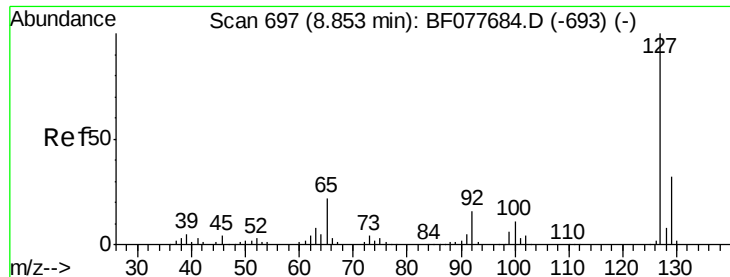
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#32
Benzoic acid
Concen: 27.38 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45357		
105	126.2	99.9	139.9	
77	92.4	73.7	113.7	





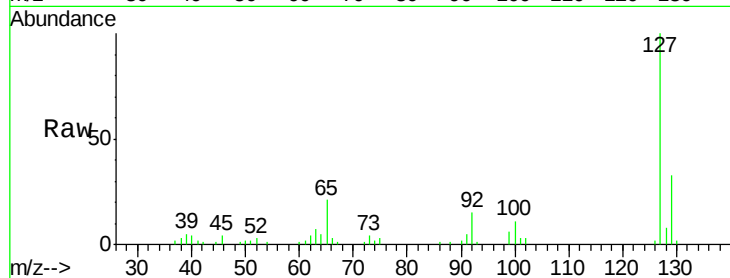
#33
4-Chloroaniline
Concen: 19.01 ng
RT: 8.85 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

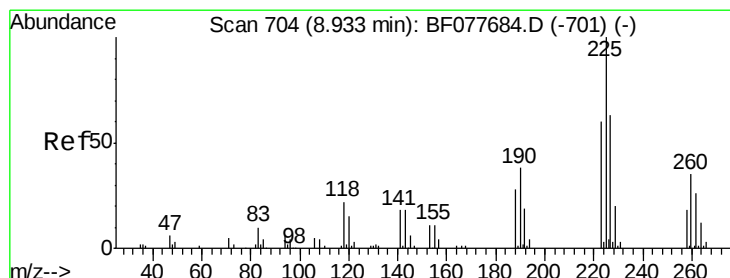
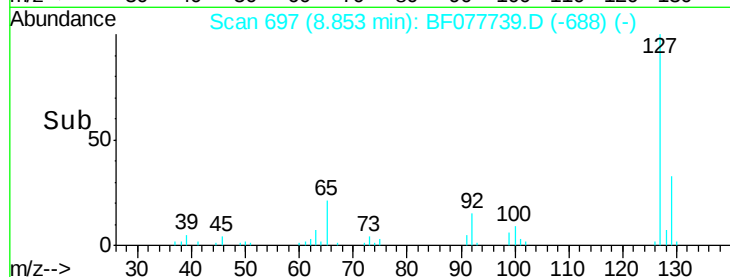
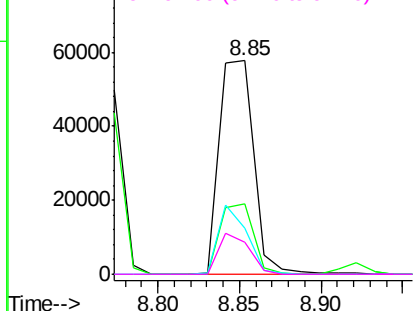
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	84693		
129	33.2	25.3	37.9	
65	21.4	17.6	26.4	
92	15.1	13.1	19.7	

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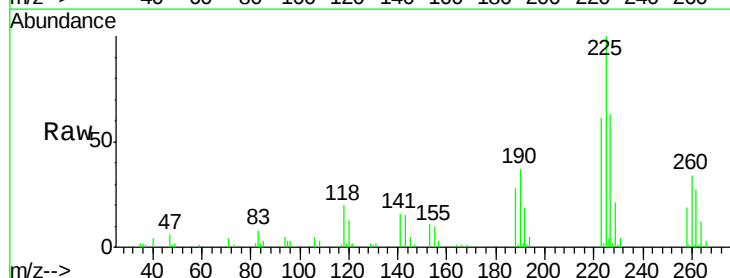


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

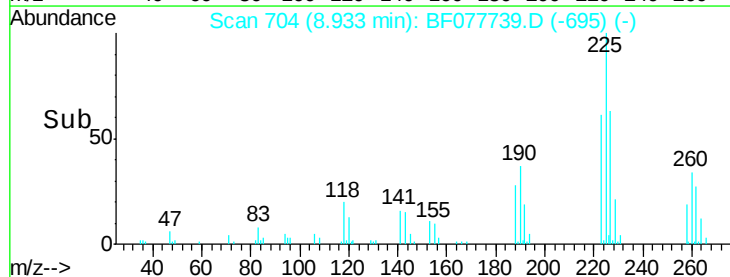
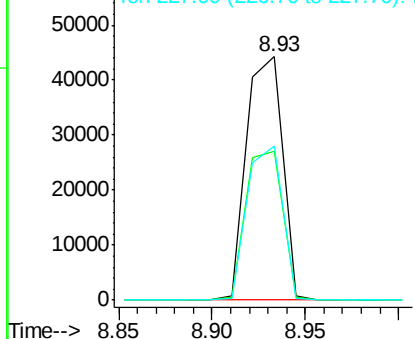


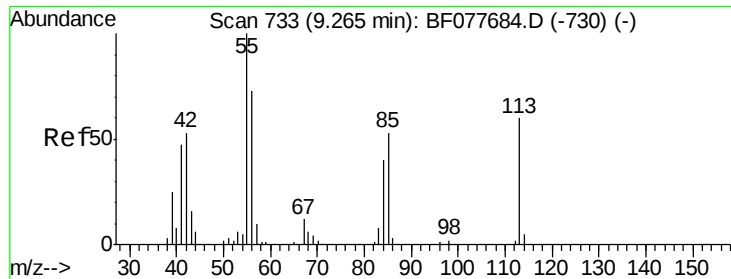
#34
Hexachlorobutadiene
Concen: 31.34 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59337		
223	61.1	47.9	71.9	
227	63.4	50.1	75.1	



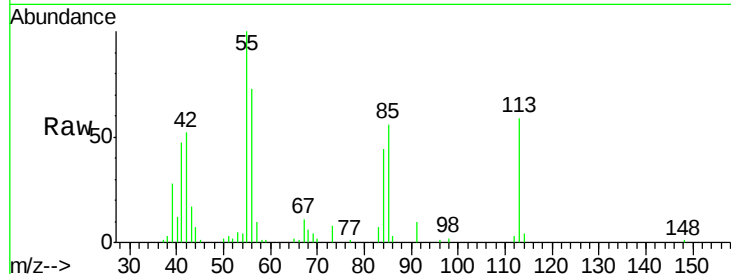
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35
 Caprolactam
 Concen: 36.41 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

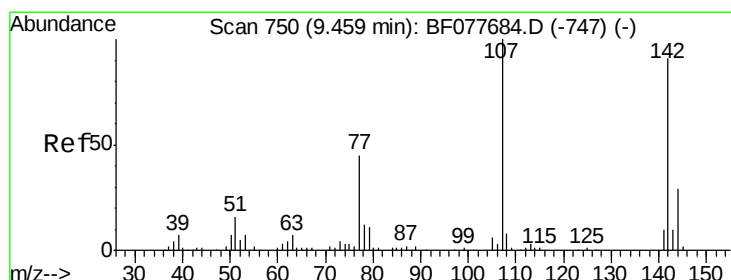
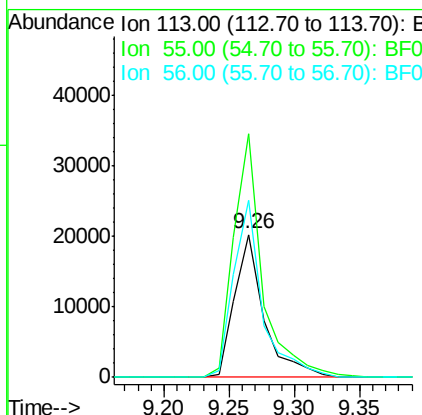
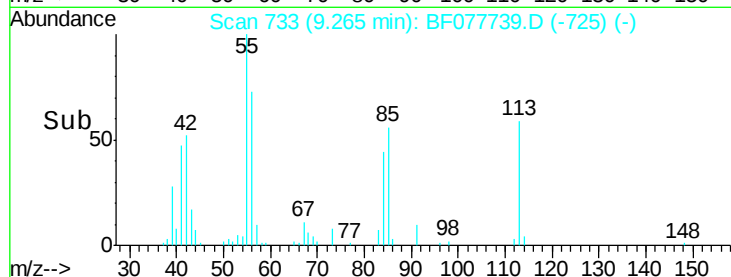
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD



Tgt Ion:113 Resp: 31772
 Ion Ratio Lower Upper
 113 100
 55 170.8 145.9 185.9
 56 124.5 101.0 141.0

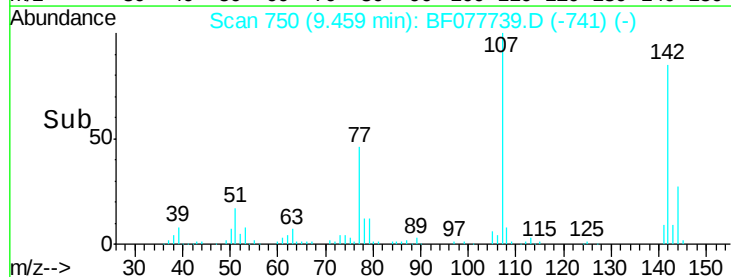
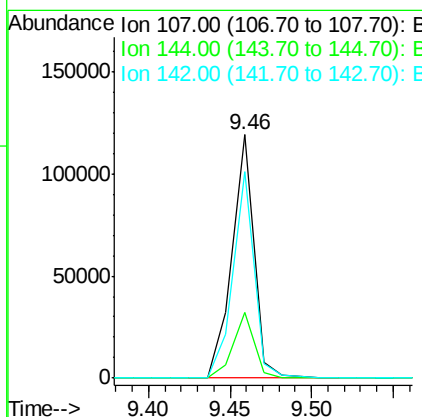
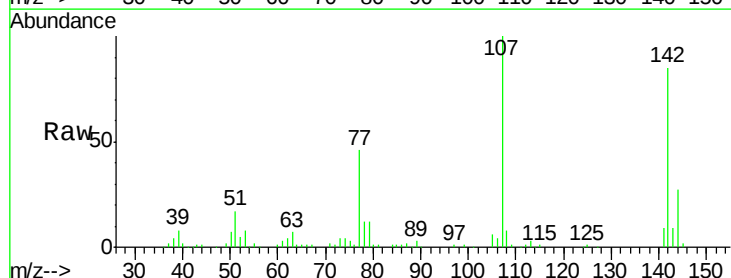
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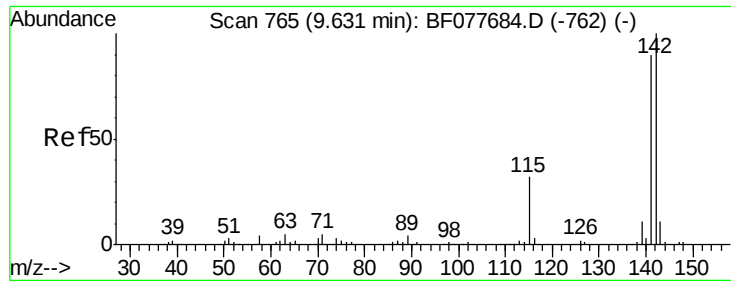
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#36
 4-Chloro-3-methylphenol
 Concen: 37.17 ng
 RT: 9.46 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion:107 Resp: 111664
 Ion Ratio Lower Upper
 107 100
 144 27.0 23.3 34.9
 142 85.0 72.6 109.0





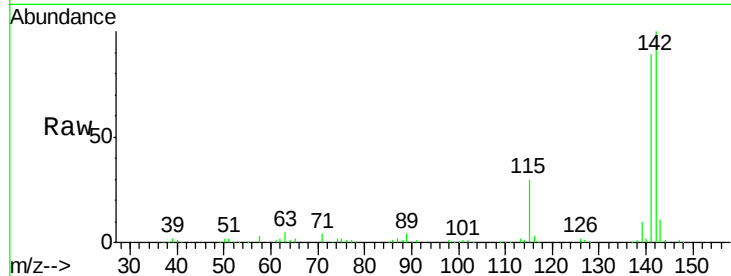
#37
 2-Methylnaphthalene
 Concen: 34.92 ng
 RT: 9.63 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

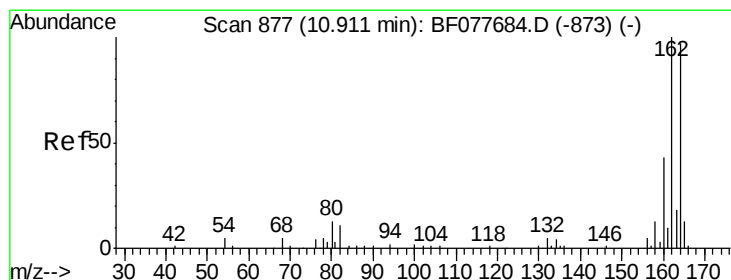
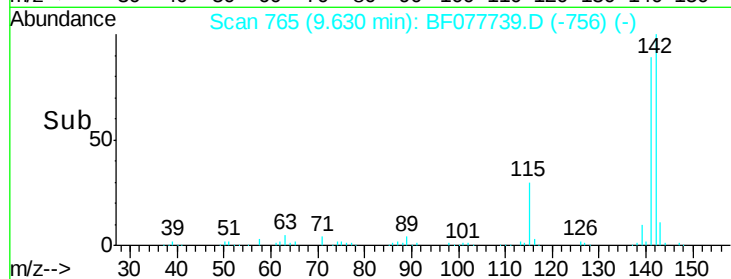
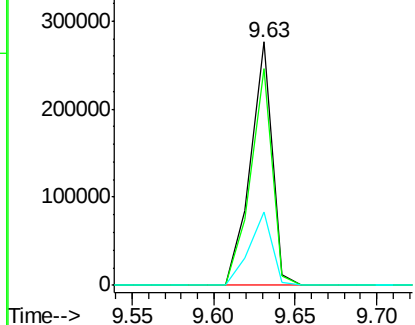
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	257503		
141	89.0	71.9	107.9	
115	29.9	25.4	38.0	

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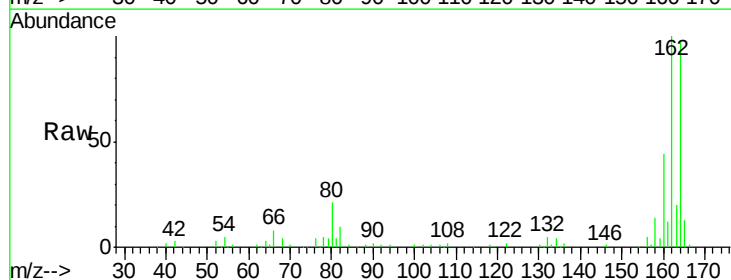


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

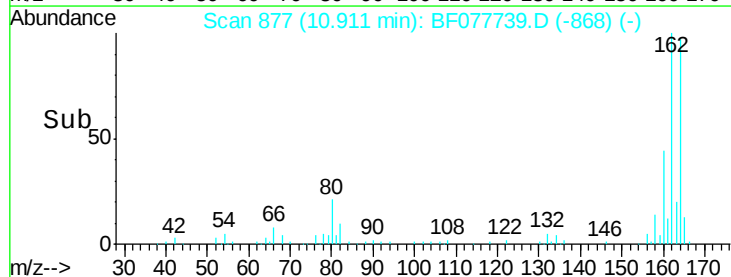
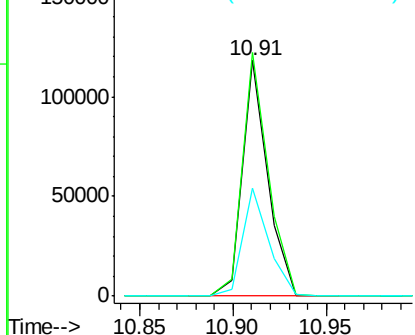


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111094		
162	103.3	82.4	123.6	
160	45.7	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: 32.92 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

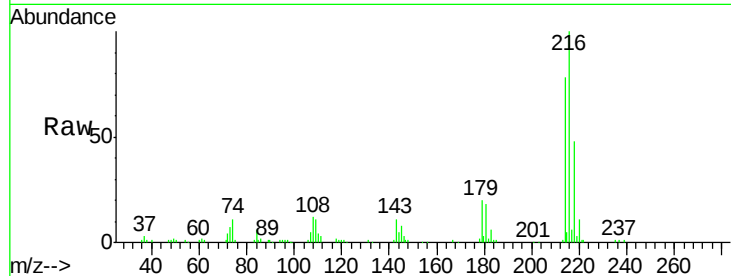
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	109085		
214	78.5	0.0	0.0	0.0
179	21.5	0.0	0.0	0.0
108	19.9	0.0	0.0	0.0

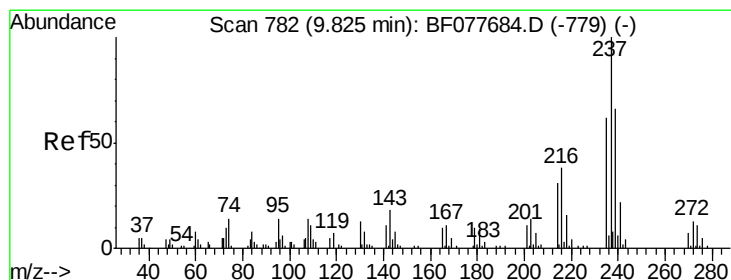
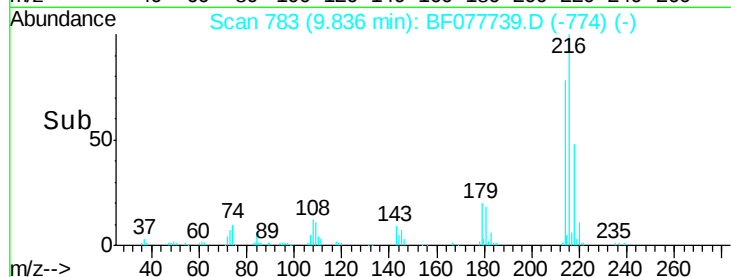
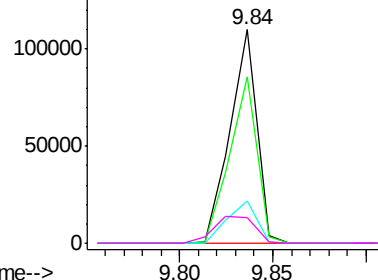


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.27 ng

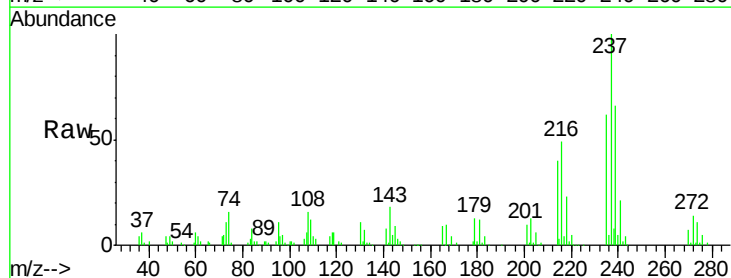
RT: 9.82 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

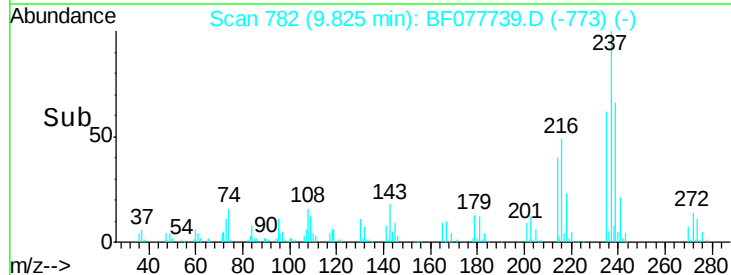
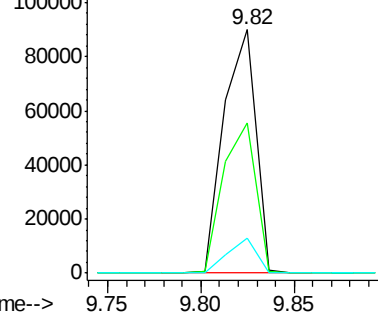
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	107262		
235	61.9	42.0	82.0	
272	14.3	0.0	33.4	

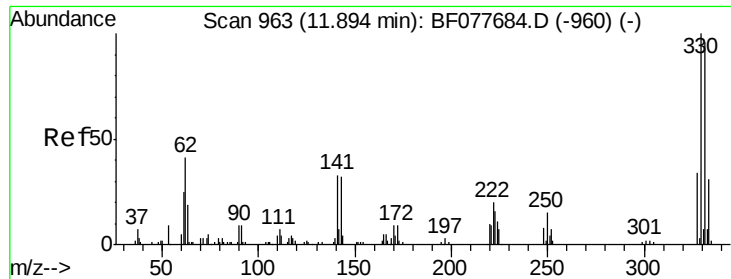


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





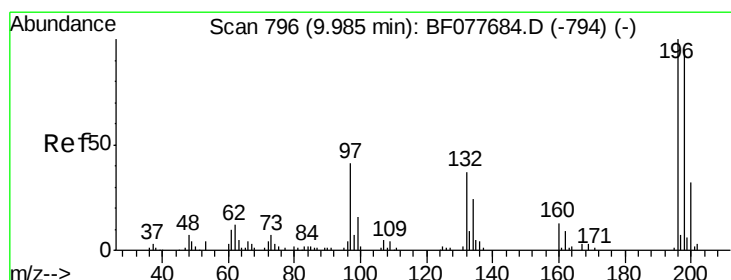
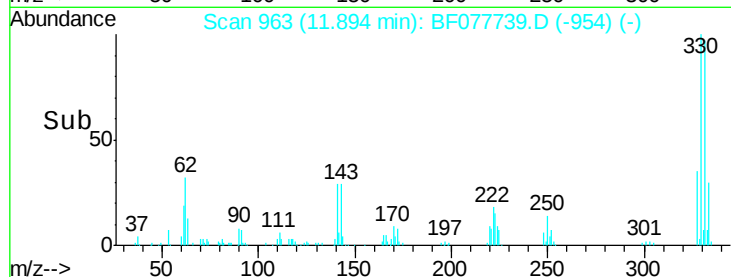
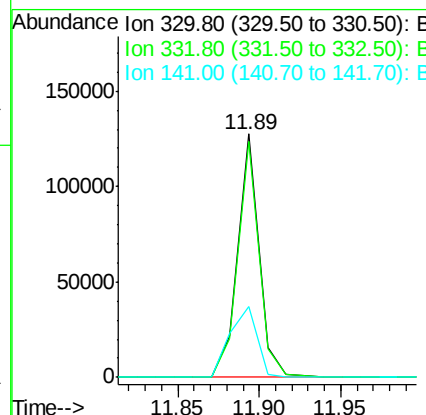
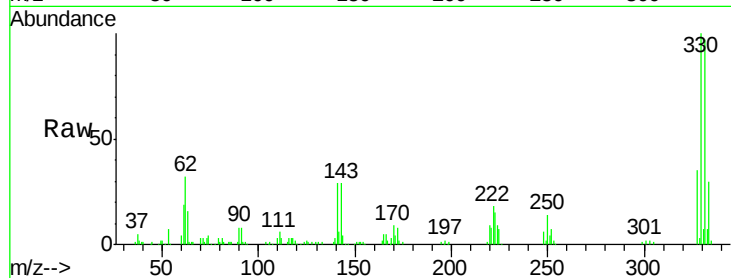
#41
 2,4,6-Tribromophenol
 Concen: 108.41 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.7	0.0	0.0#
141	37.6	0.0	0.0#

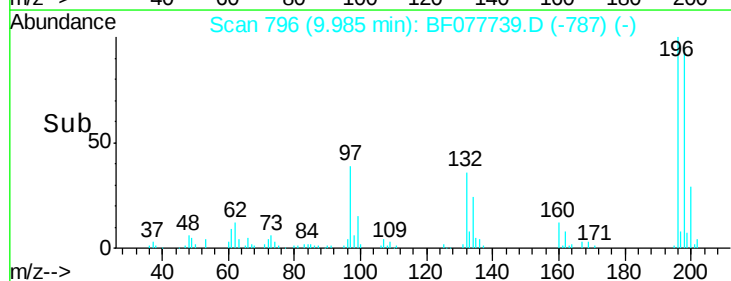
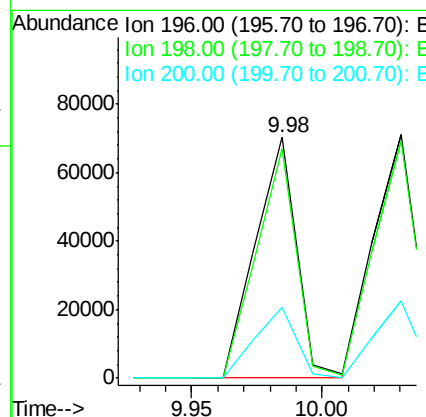
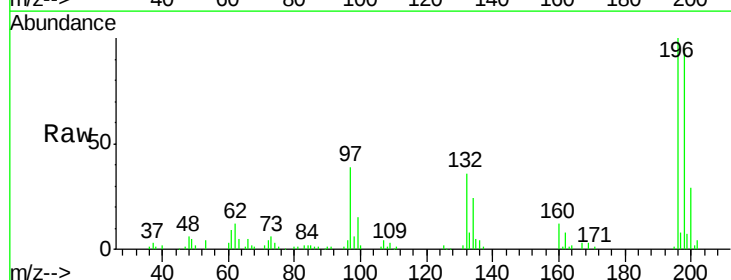
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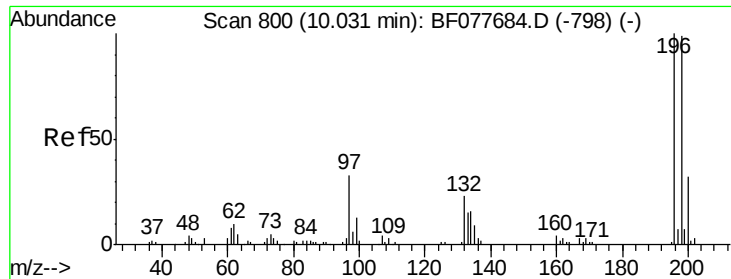
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 33.28 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

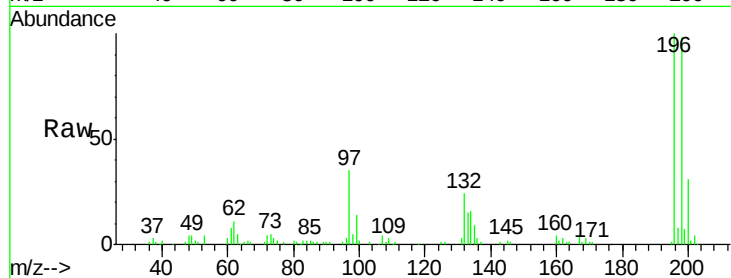
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.1	76.3	114.5
200	29.3	25.6	38.4





#43
 2,4,5-Trichlorophenol
 Concen: 32.59 ng
 RT: 10.03 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

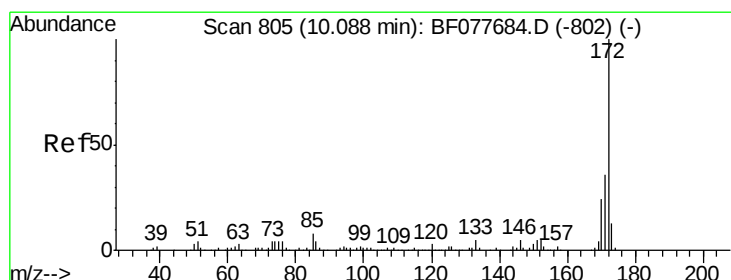
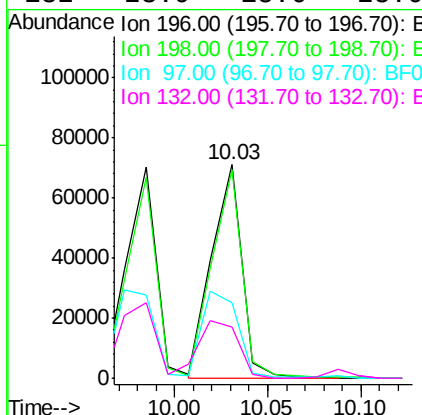
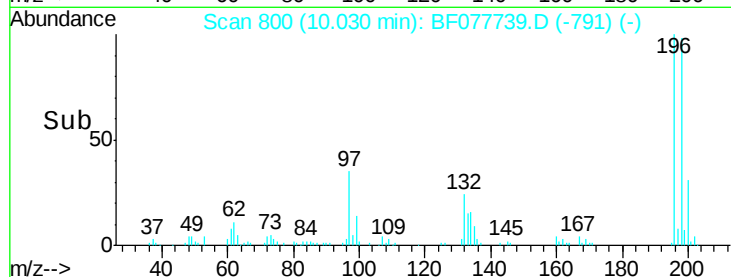
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80822		
198	97.6	79.4	119.0	
97	35.3	26.8	40.2	
132	23.9	18.6	28.0	

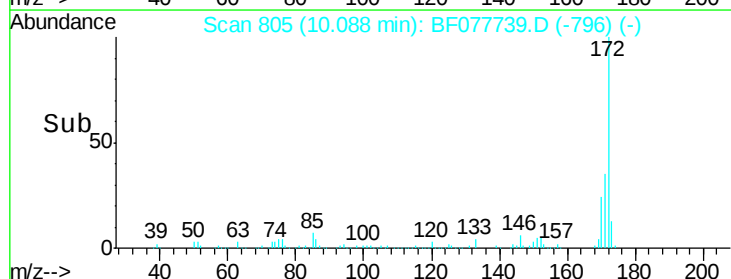
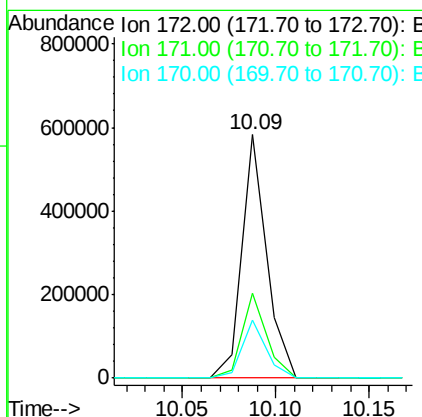
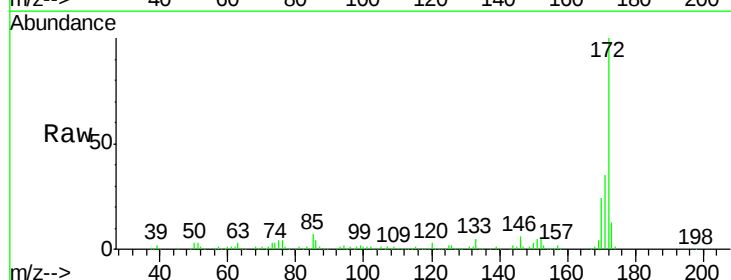
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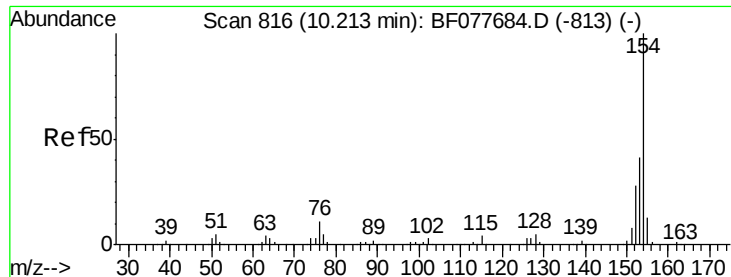
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 71.00 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	536739		
171	35.0	28.5	42.7	
170	23.6	18.8	28.2	





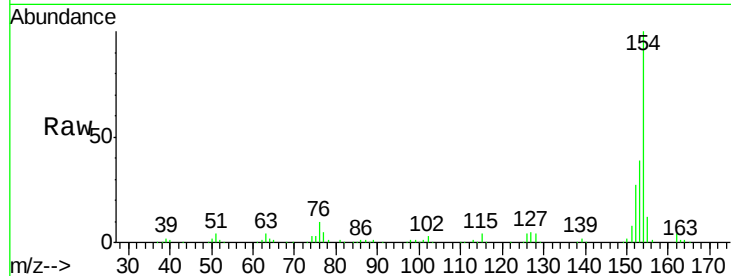
#45
1,1'-Biphenyl
Concen: 33.50 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

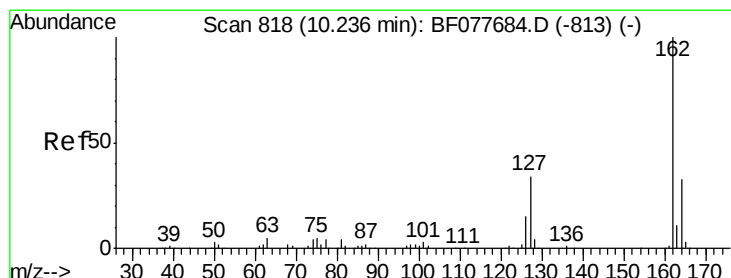
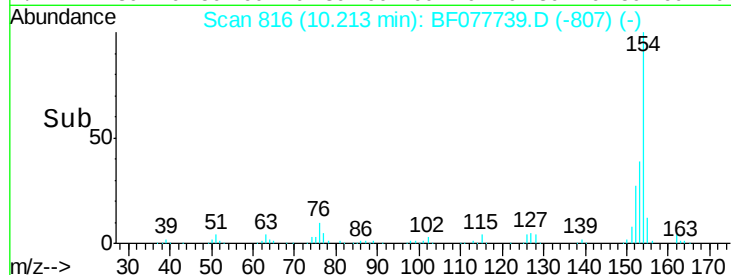
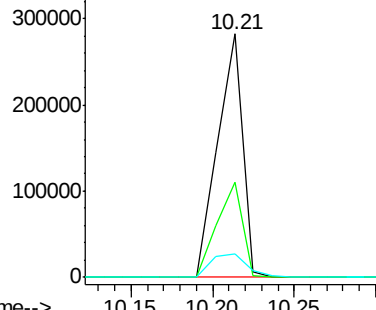
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	297465		
153	39.0	20.7	60.7	
76	9.5	0.0	30.9	

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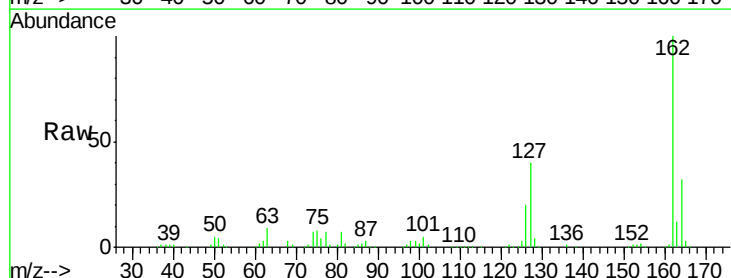


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

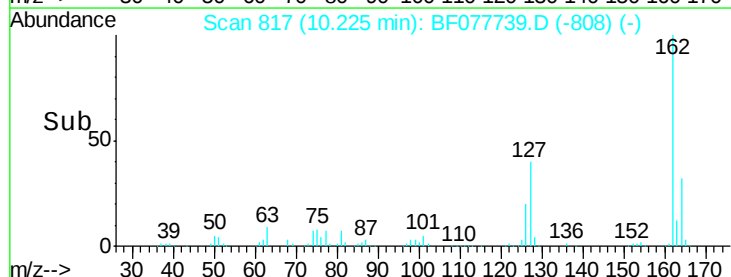
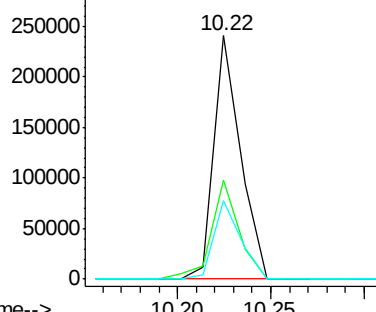


#46
2-Chloronaphthalene
Concen: 32.98 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	238007		
127	40.4	26.9	40.3#	
164	32.4	26.8	40.2	



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





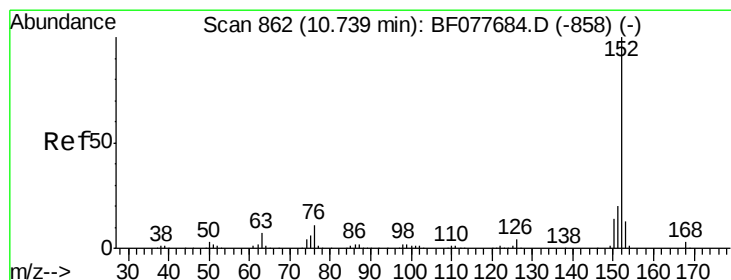
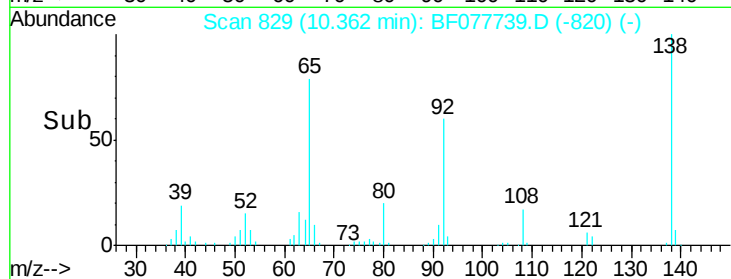
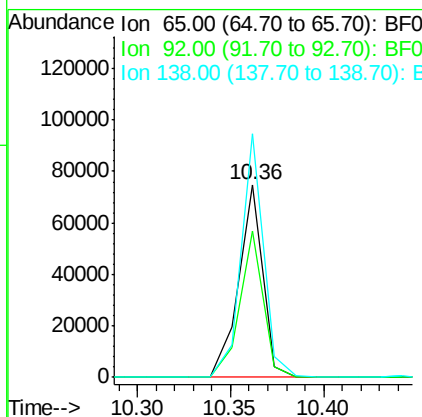
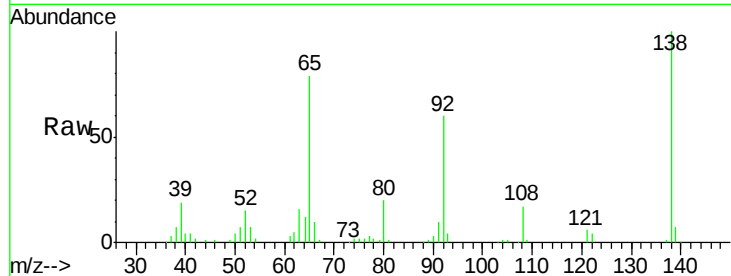
#47
2-Nitroaniline
Concen: 37.75 ng
RT: 10.36 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	59.1	88.7
138	126.4	93.9	140.9

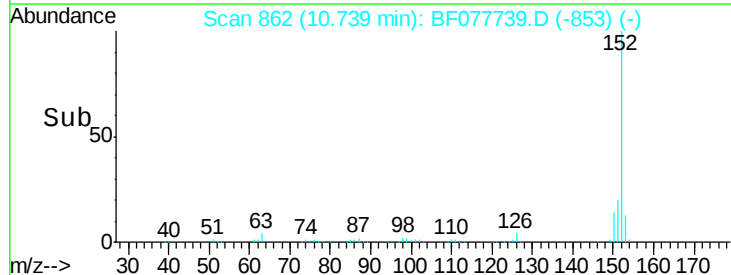
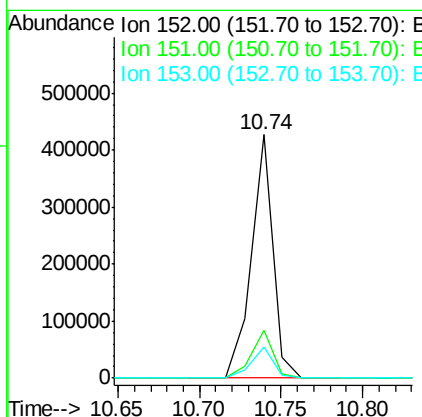
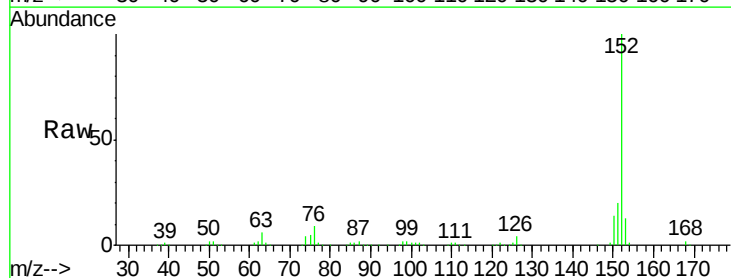
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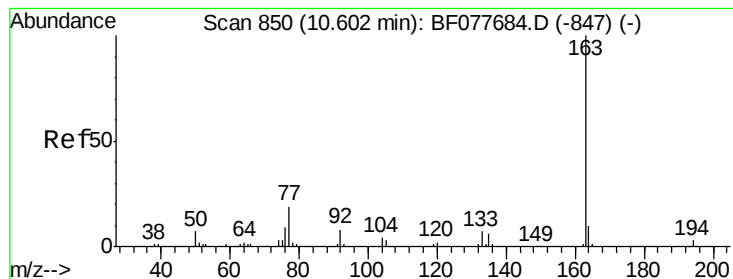
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#48
Acenaphthylene
Concen: 32.51 ng
RT: 10.74 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.0	10.6	16.0





#49

Dimethylphthalate

Concen: 36.21 ng

RT: 10.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

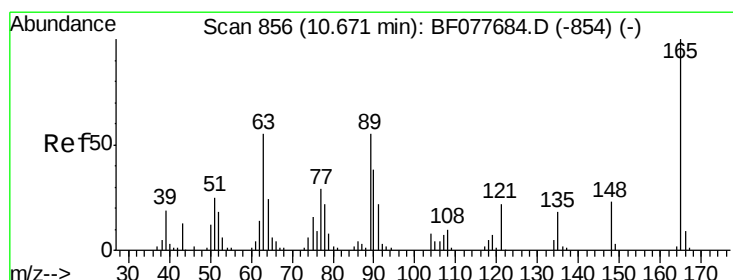
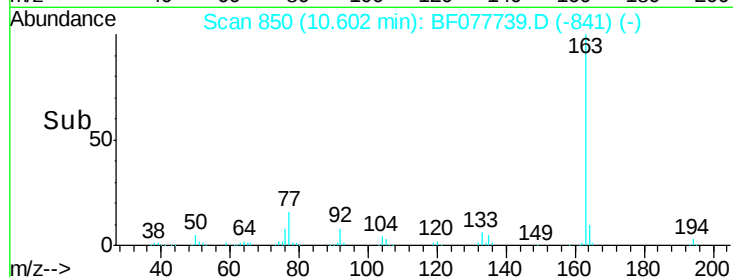
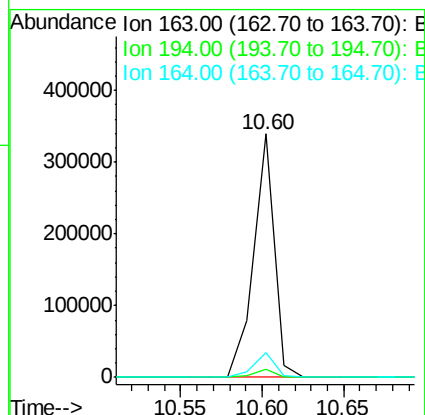
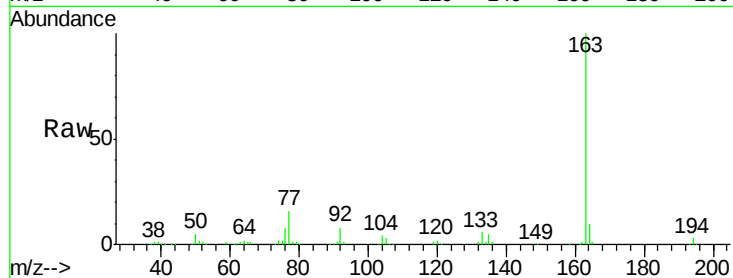
ClientSampleId :

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Tgt Ion:	163	Resp:	298375
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2



#50

2,6-Dinitrotoluene

Concen: 35.59 ng

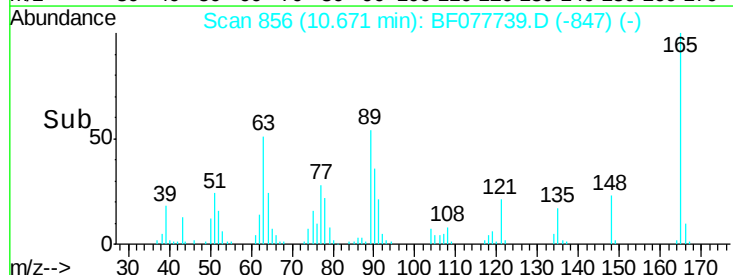
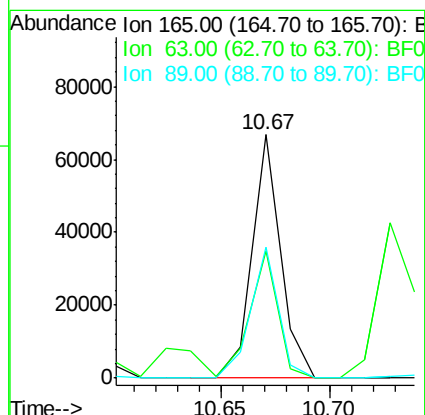
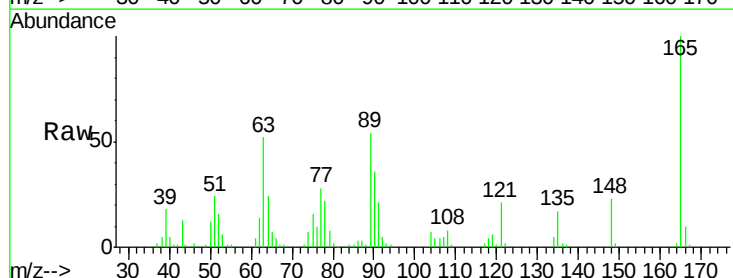
RT: 10.67 min Scan# 856

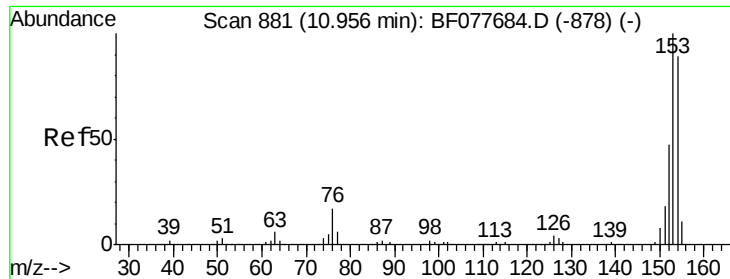
Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	165	Resp:	60790
Ion Ratio	Lower	Upper	
165	100		
63	52.0	44.1	66.1
89	54.0	44.3	66.5





#51

Acenaphthene

Concen: 32.21 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077739.D

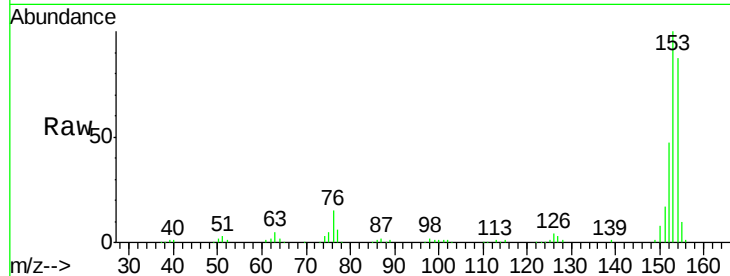
Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

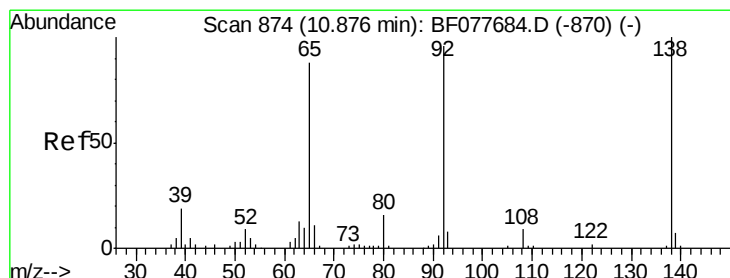
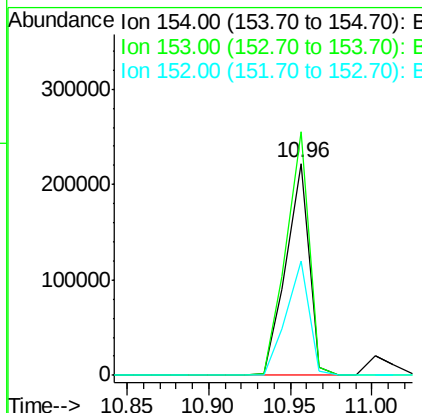
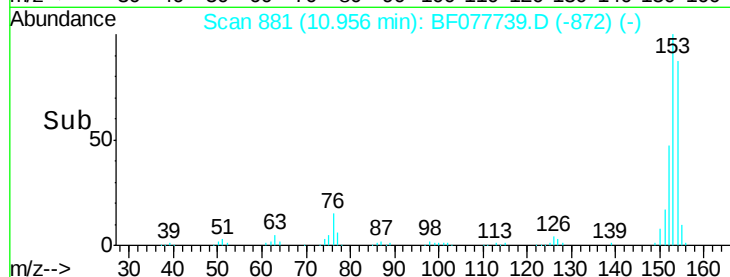
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Tgt Ion:	154	Resp:	221667
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.0	135.0
152	53.8	42.6	63.8

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#52

3-Nitroaniline

Concen: 24.29 ng

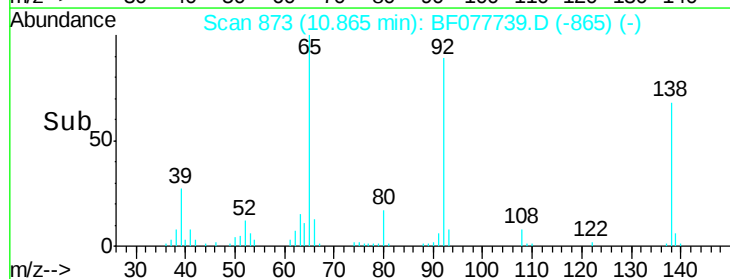
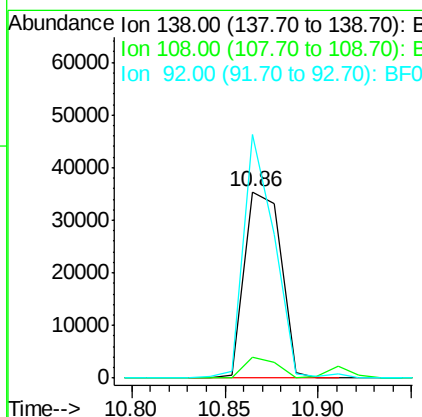
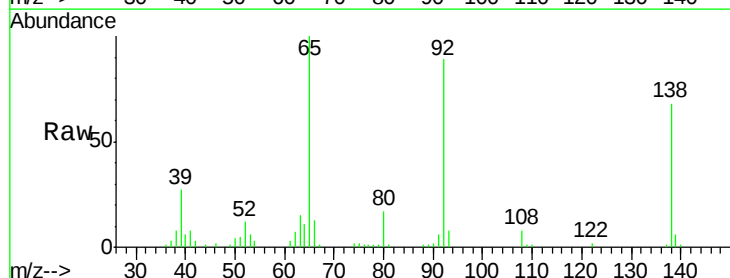
RT: 10.86 min Scan# 873

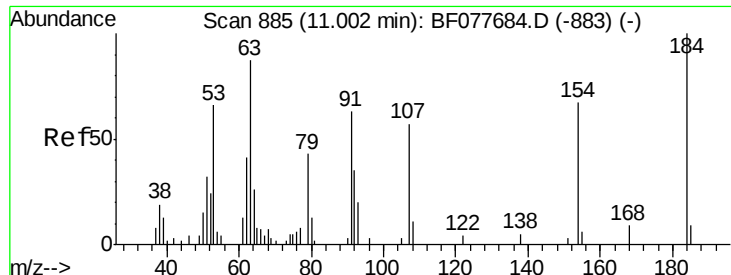
Delta R.T. -0.01 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	138	Resp:	48177
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.3	10.9#
92	130.7	76.6	114.8#





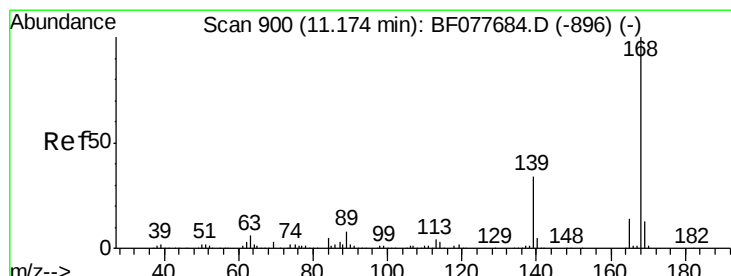
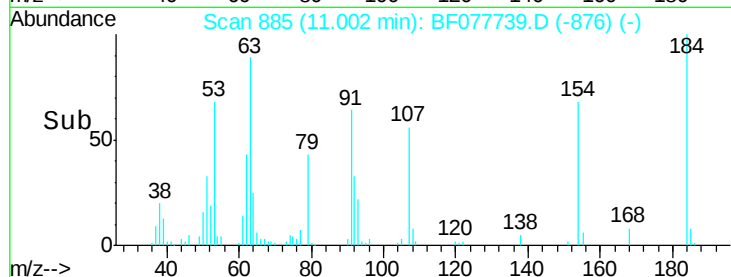
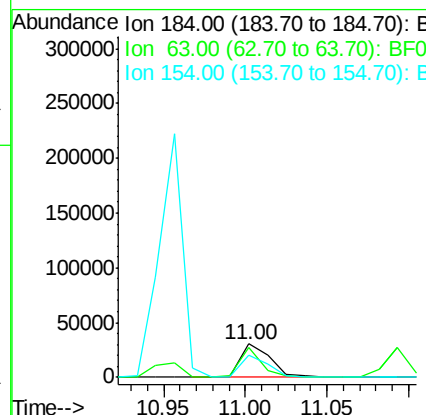
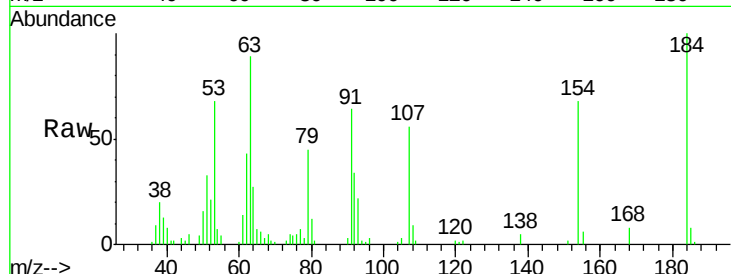
#53
2,4-Dinitrophenol
Concen: 62.80 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	38193		
63	88.9	69.2	103.8	
154	68.2	53.3	79.9	

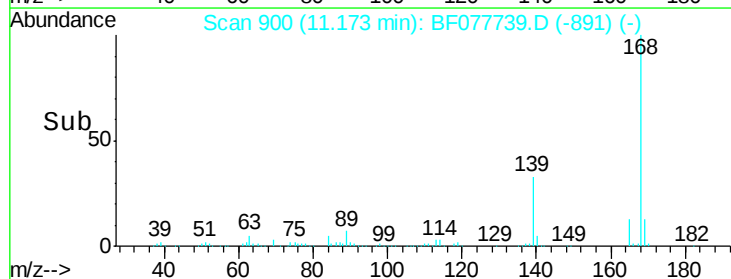
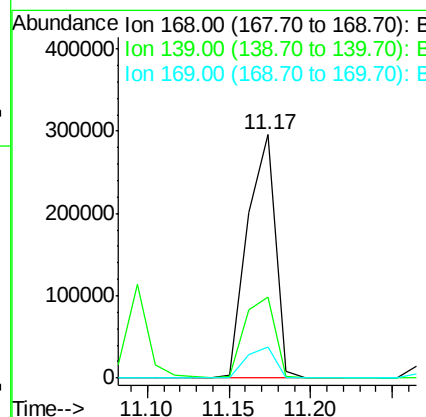
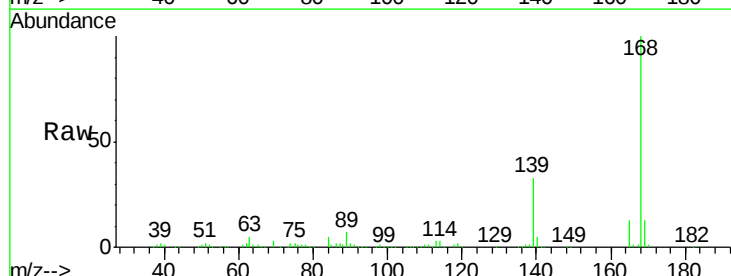
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#54
Dibenzofuran
Concen: 34.20 ng
RT: 11.17 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	349084		
139	33.4	27.3	40.9	
169	12.8	10.6	16.0	





#55

4-Nitrophenol

Concen: 71.01 ng

RT: 11.09 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

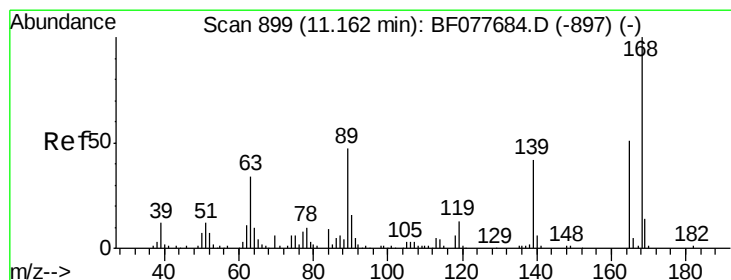
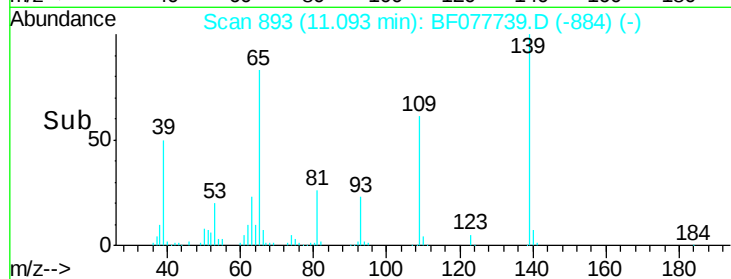
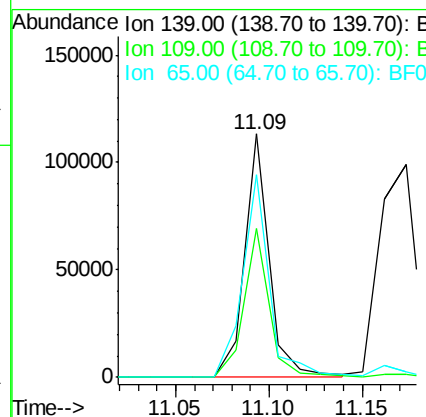
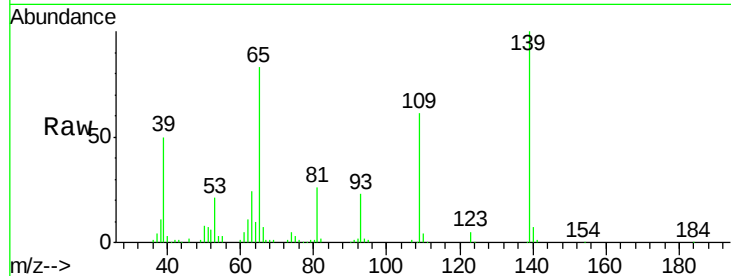
ClientSampleId :

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Tgt Ion:	139	Resp:	104333
Ion Ratio	Lower	Upper	
139	100		
109	61.3	37.7	77.7
65	83.1	49.9	89.9



#56

2,4-Dinitrotoluene

Concen: 36.10 ng

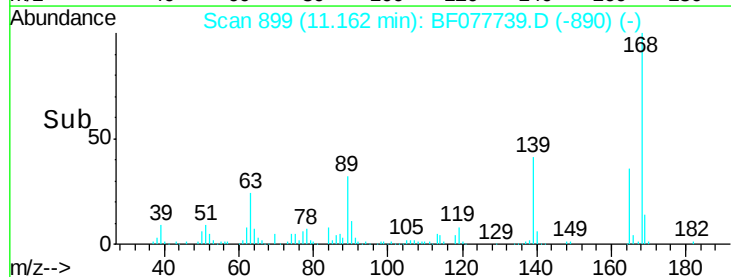
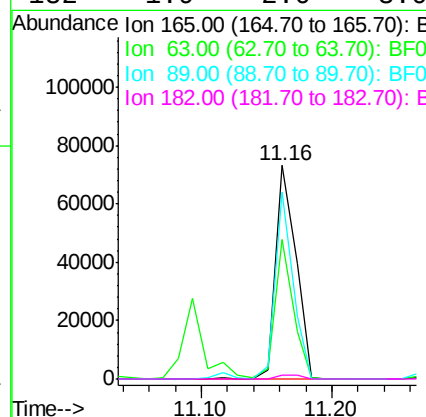
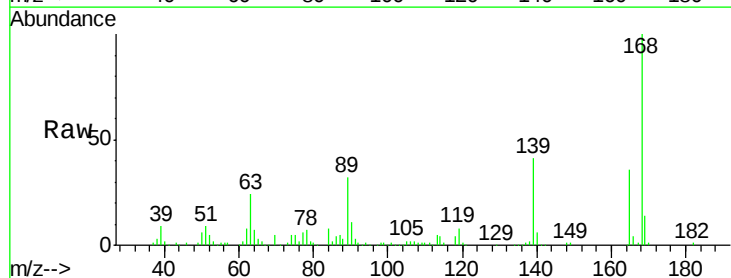
RT: 11.16 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	165	Resp:	80398
Ion Ratio	Lower	Upper	
165	100		
63	65.6	52.4	78.6
89	87.7	72.4	108.6
182	1.9	2.0	3.0#





#57

Fluorene

Concen: 33.04 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

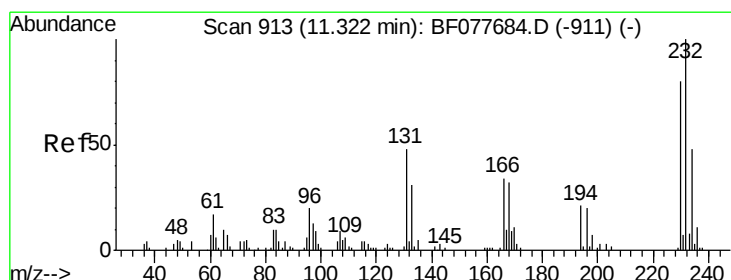
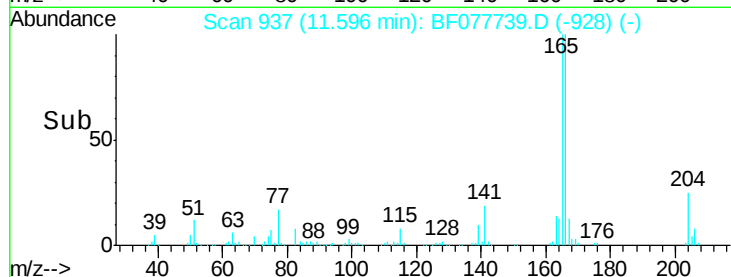
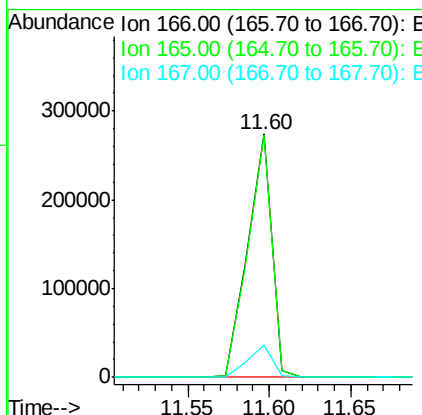
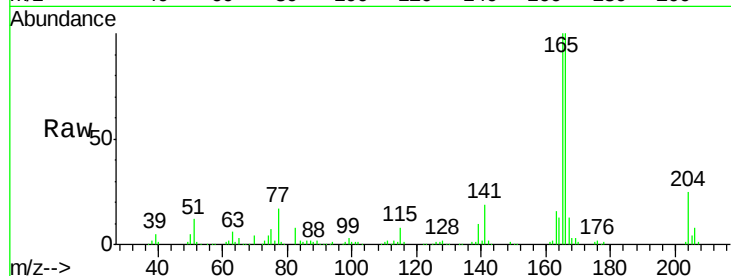
ClientSampleId :

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Tgt Ion:	166	Resp:	280007
Ion Ratio		Lower	Upper
166	100		
165	99.7	79.0	118.4
167	13.2	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.64 ng

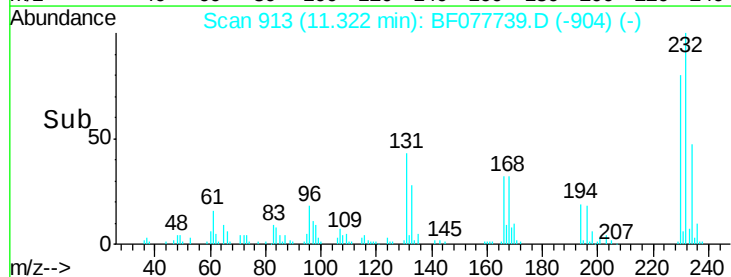
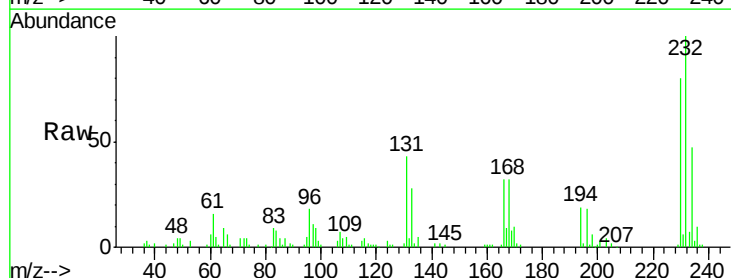
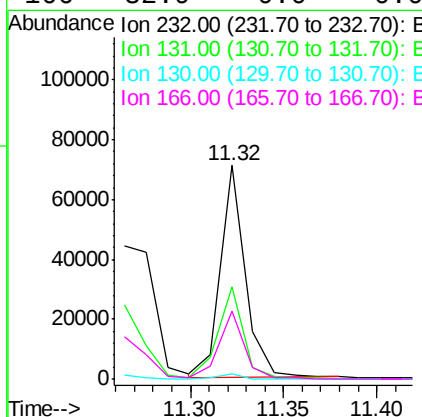
RT: 11.32 min Scan# 913

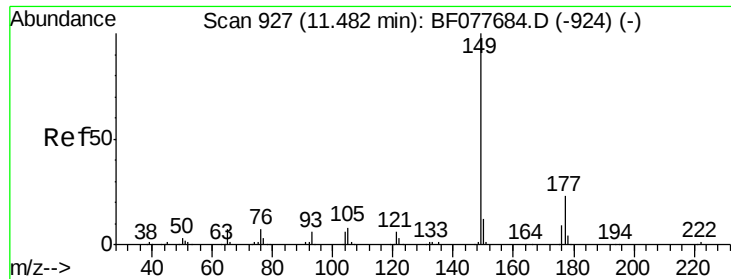
Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	232	Resp:	66149
Ion Ratio		Lower	Upper
232	100		
131	45.6	0.0	0.0#
130	2.0	0.0	0.0#
166	32.9	0.0	0.0#





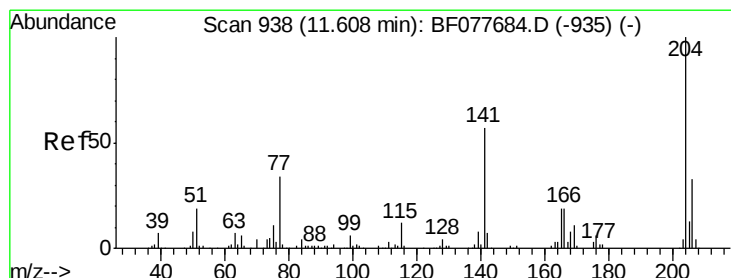
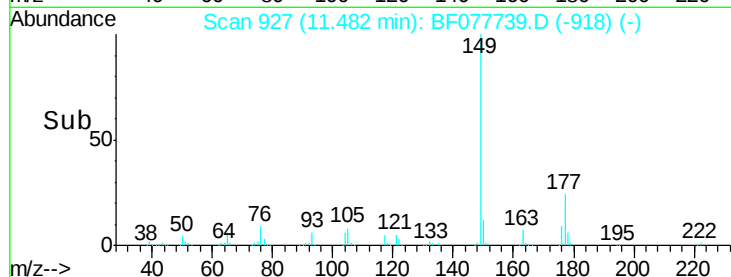
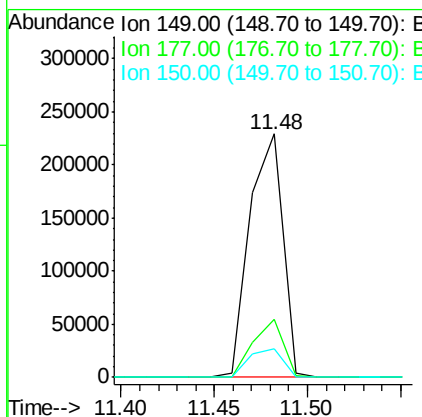
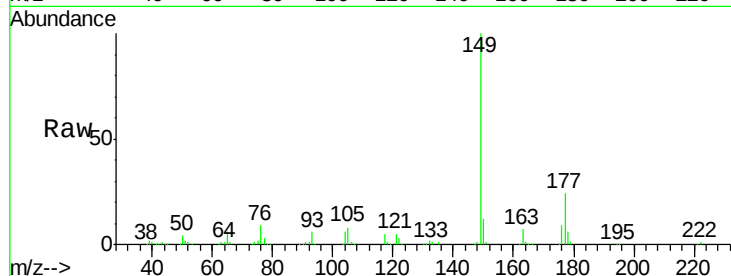
#59
Diethylphthalate
Concen: 35.16 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	282264		
177	23.9	18.3	27.5	
150	11.7	9.8	14.8	

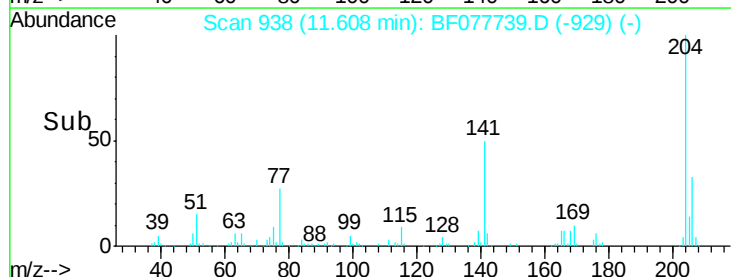
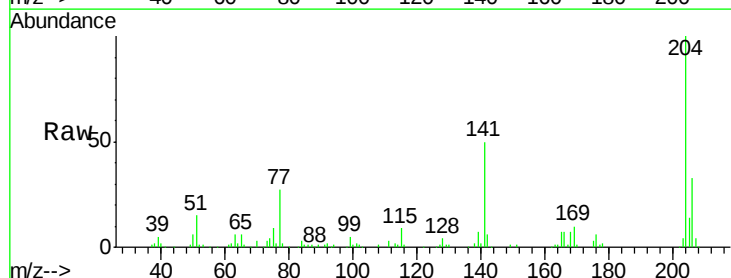
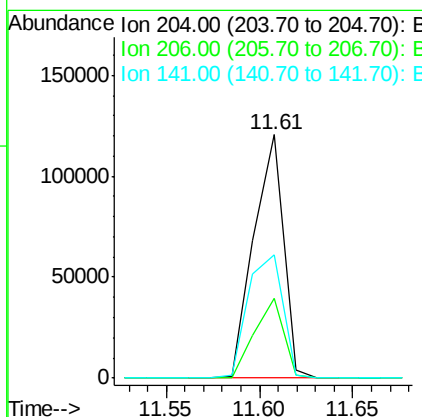
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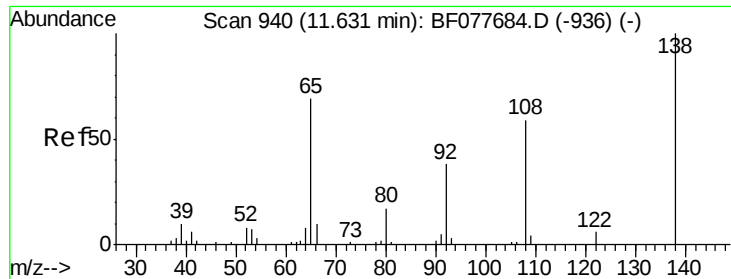
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#60
4-Chlorophenyl-phenylether
Concen: 34.33 ng
RT: 11.61 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

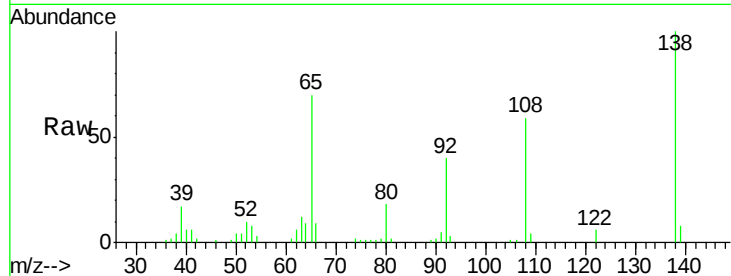
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	132769		
206	32.8	26.6	39.8	
141	50.5	45.2	67.8	





#61
4-Nitroaniline
Concen: 32.39 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

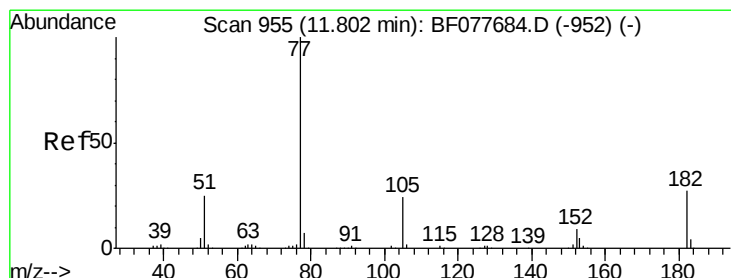
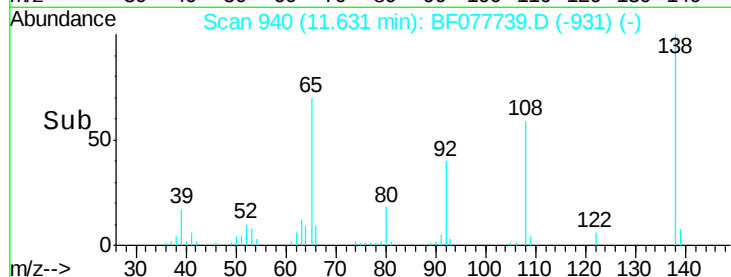
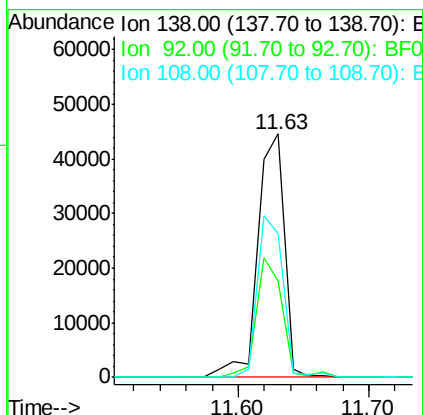
Instrument :
BNA_F
ClientSampleId :
PB82103BSD



Tgt Ion:	138	Resp:	64040
Ion	Ratio	Lower	Upper
138	100		
92	39.8	16.7	56.7
108	59.3	37.6	77.6

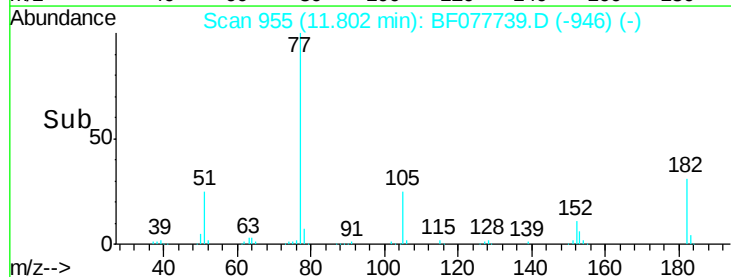
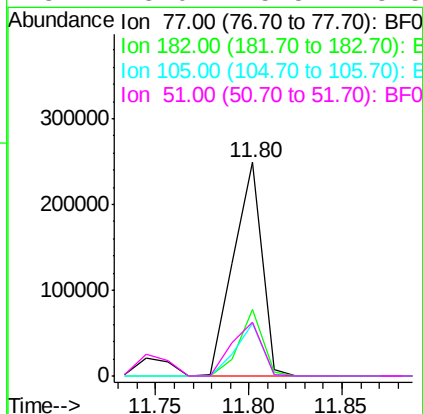
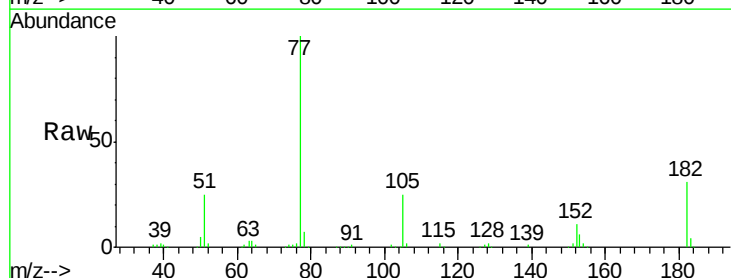
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#62
Azobenzene
Concen: 34.79 ng
RT: 11.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion:	77	Resp:	266978
Ion	Ratio	Lower	Upper
77	100		
182	31.4	6.5	46.5
105	24.8	3.8	43.8
51	25.0	5.5	45.5





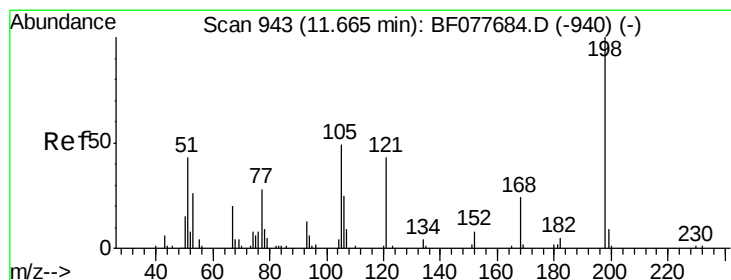
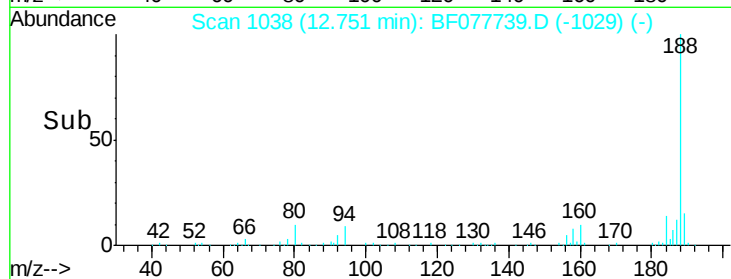
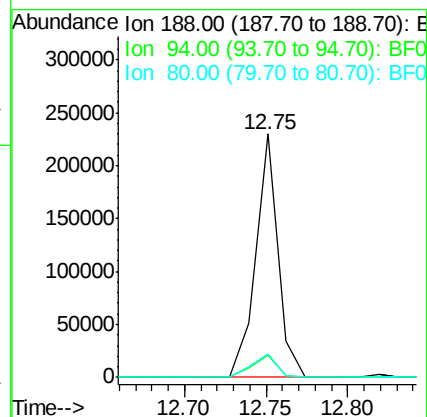
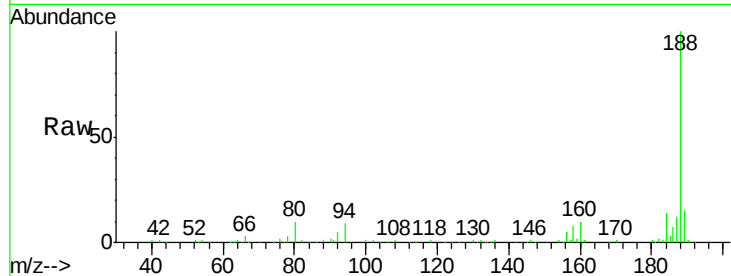
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	8.7	13.1
80	9.8	9.3	13.9

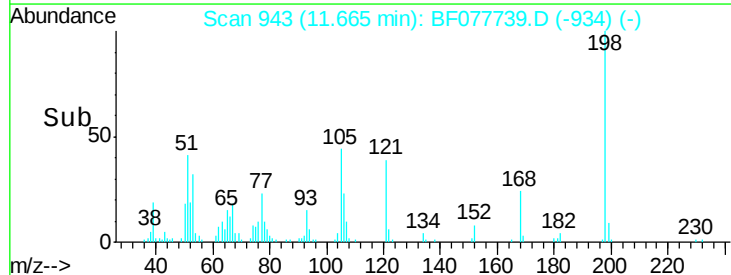
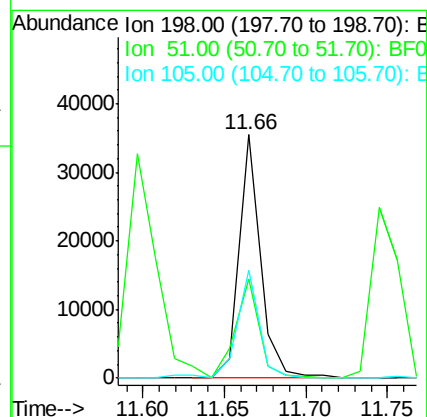
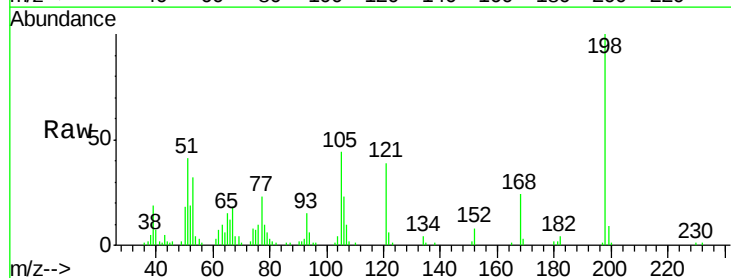
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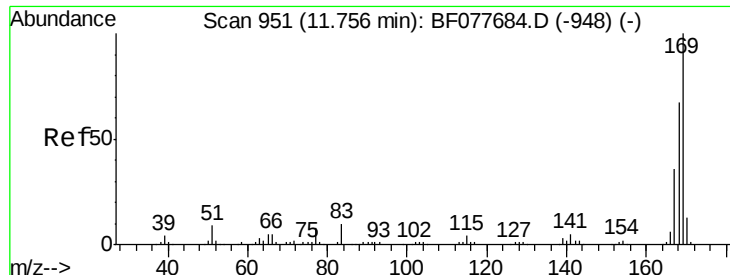
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.71 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

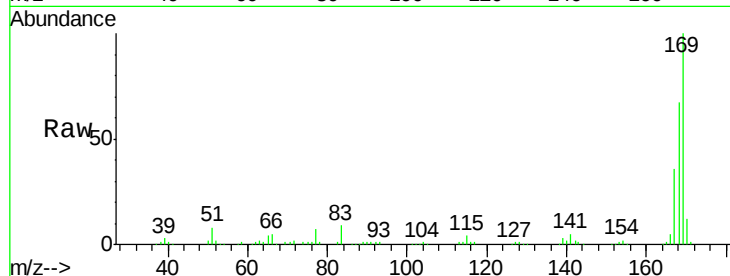
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.7	28.8	68.8
105	44.2	30.5	70.5





#65
 n-Nitrosodiphenylamine
 Concen: 35.04 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

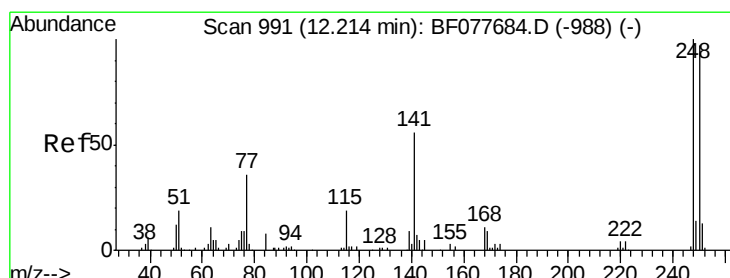
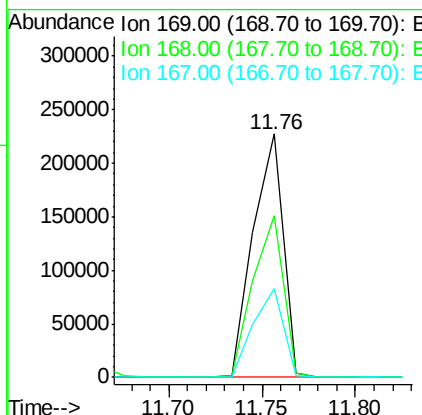
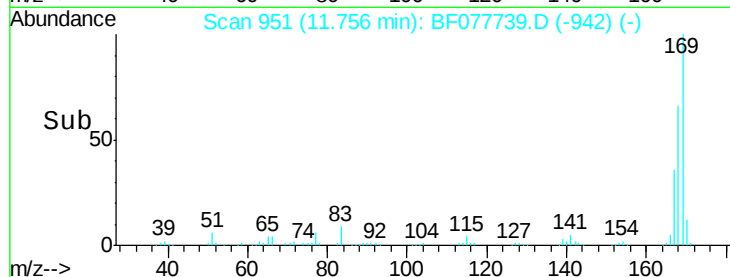
Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	253204		
168	66.7	53.9	80.9	
167	36.3	28.9	43.3	

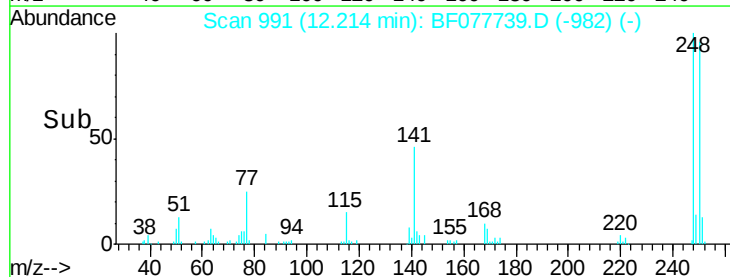
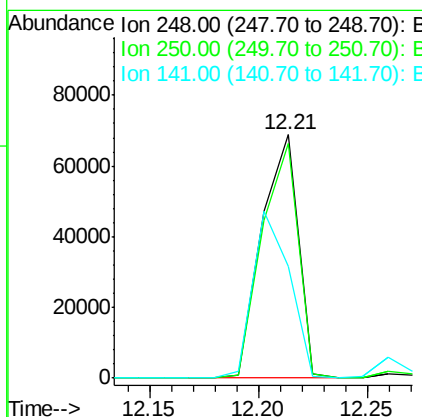
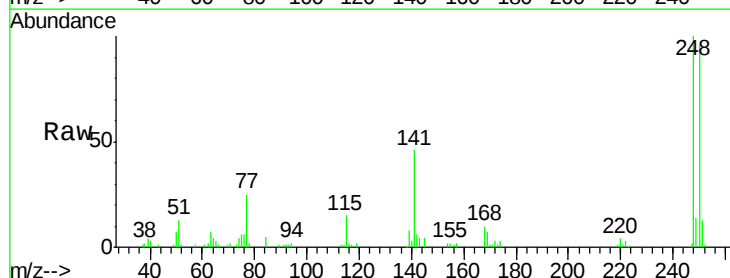
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#66
 4-Bromophenyl-phenylether
 Concen: 34.99 ng
 RT: 12.21 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	81052		
250	96.2	77.4	116.0	
141	46.0	45.2	67.8	





#67

Hexachlorobenzene

Concen: 32.20 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

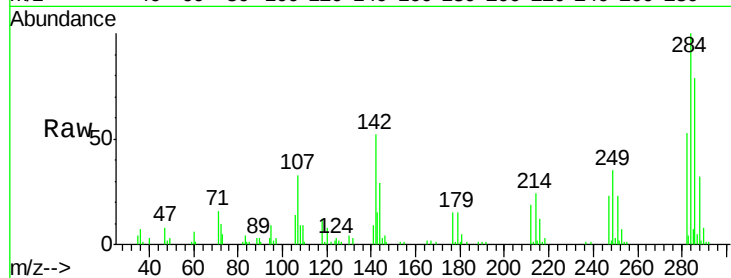
ClientSampleId :

PB82103BSD

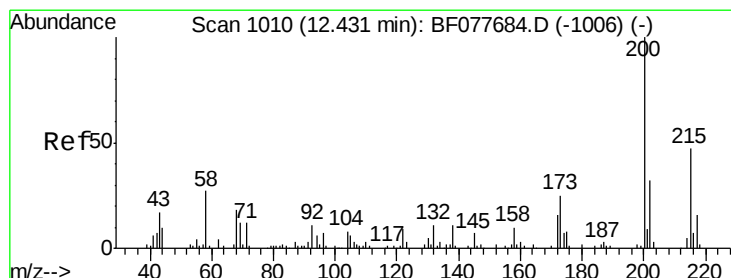
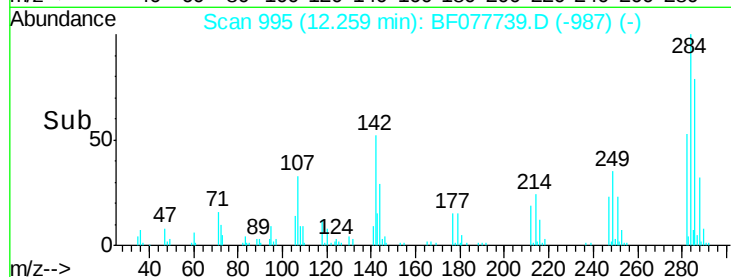
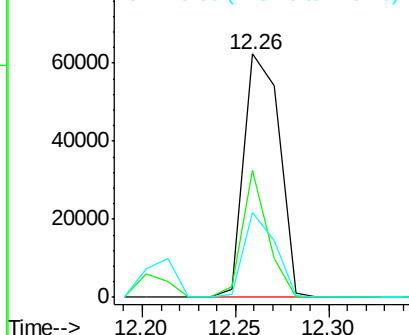
Tgt Ion:	284	Resp:	81961
Ion Ratio	Lower	Upper	
284	100		
142	52.5	20.4	30.6#
249	34.8	23.8	35.6

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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: 38.92 ng

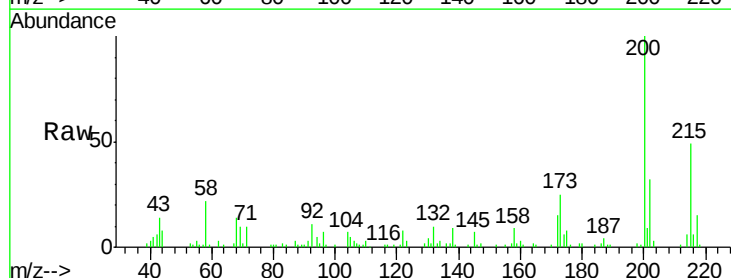
RT: 12.43 min Scan# 1010

Delta R.T. -0.00 min

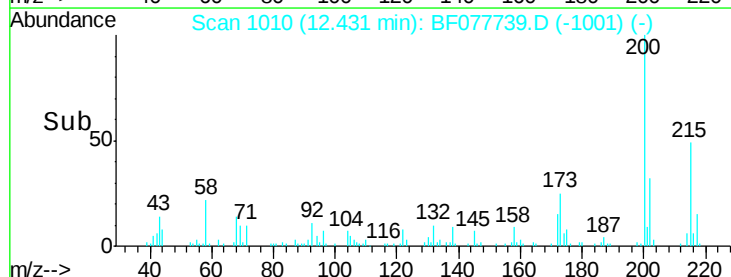
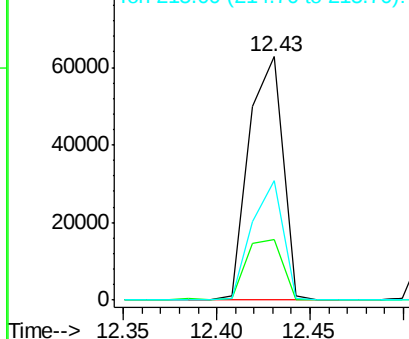
Lab File: BF077739.D

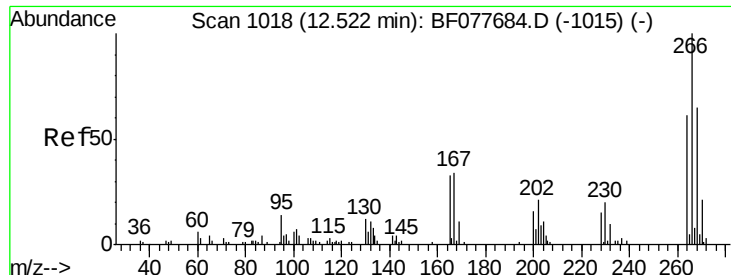
Acq: 13 Mar 2015 14:56

Tgt Ion:	200	Resp:	78819
Ion Ratio	Lower	Upper	
200	100		
173	24.7	4.8	44.8
215	48.9	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





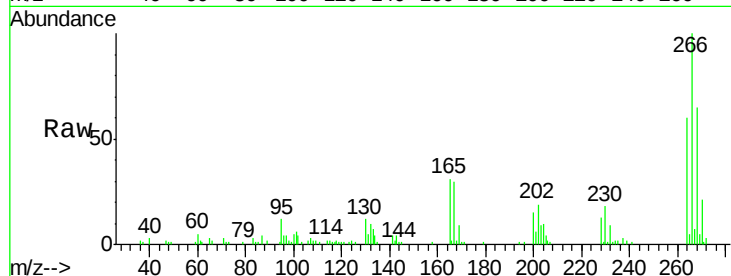
#69
 Pentachlorophenol
 Concen: 64.79 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

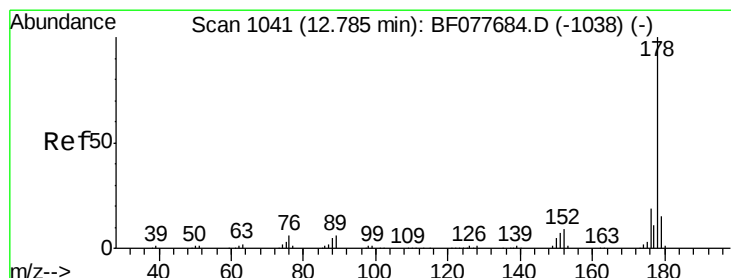
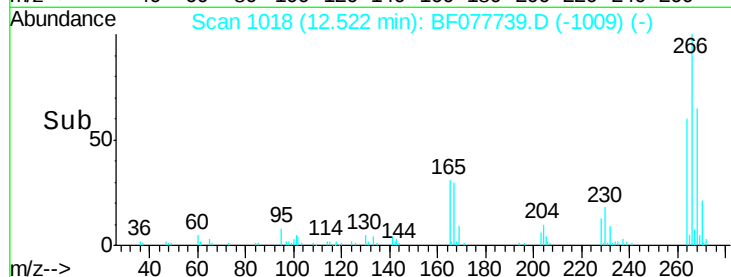
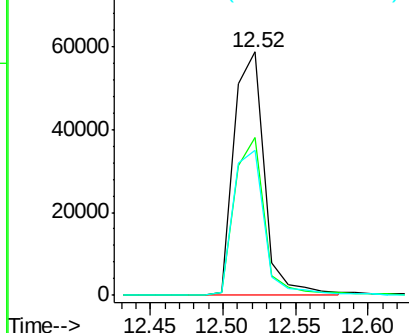
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	85558		
268	65.0	52.0	78.0	
264	59.6	49.0	73.4	

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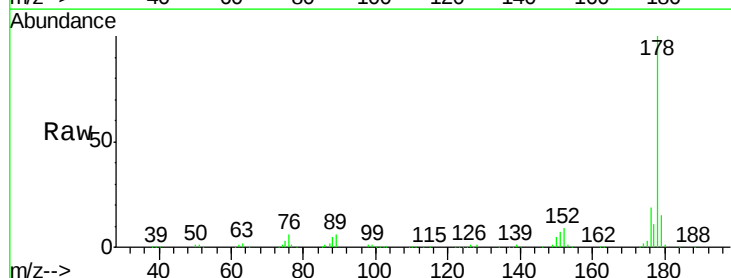


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

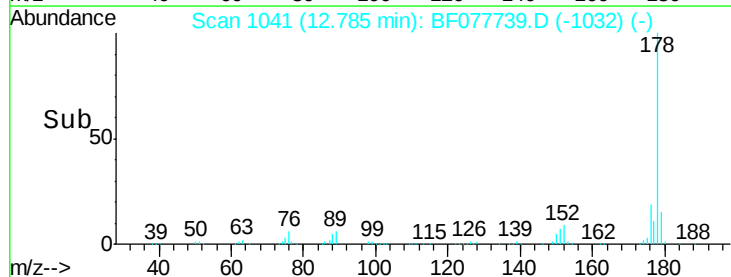
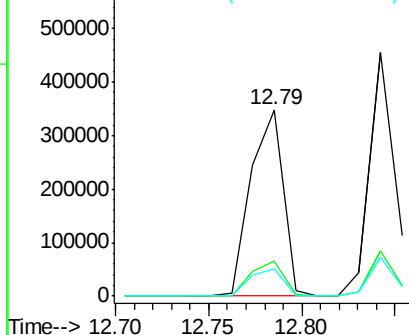


#70
 Phenanthrene
 Concen: 33.74 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	420397		
176	18.5	15.2	22.8	
179	14.7	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: 34.28 ng

RT: 12.84 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

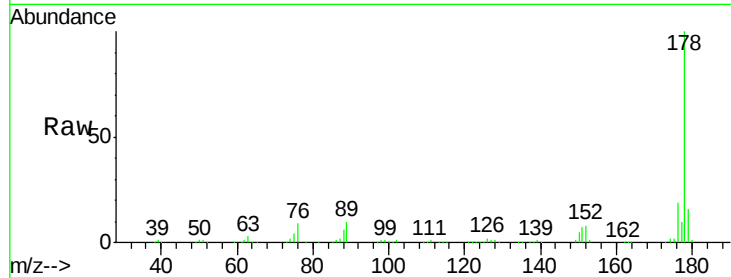
ClientSampleId :

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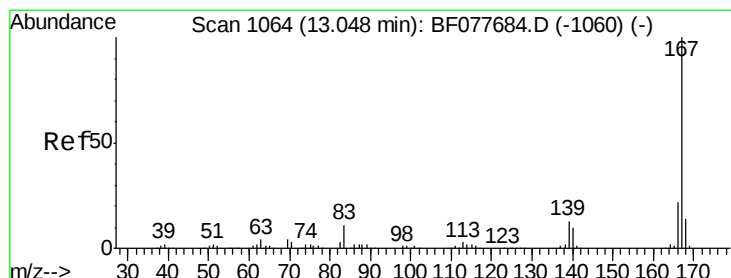
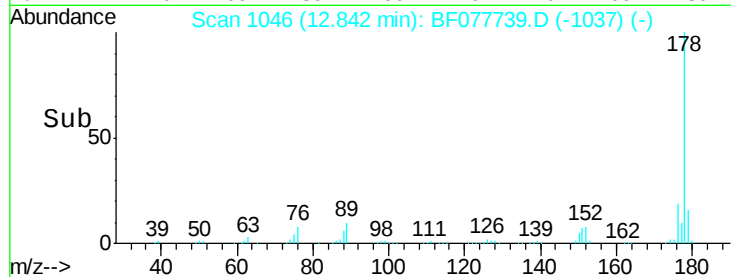
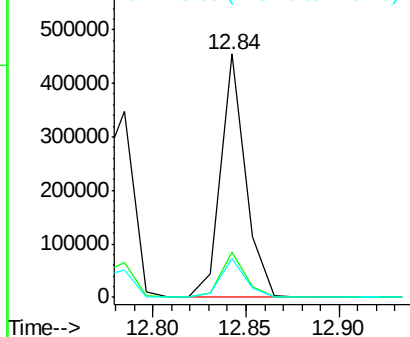
Tgt Ion:	178	Resp:	421947
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.6	22.0
179	15.7	12.6	19.0

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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: 33.34 ng

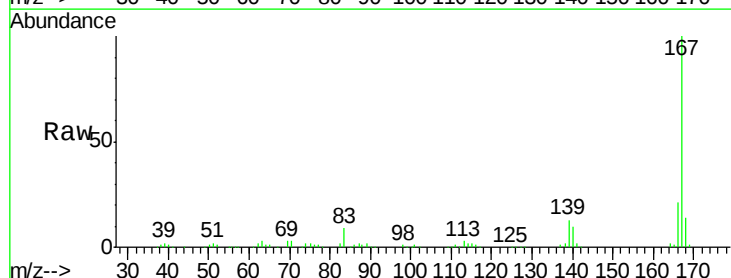
RT: 13.05 min Scan# 1064

Delta R.T. -0.00 min

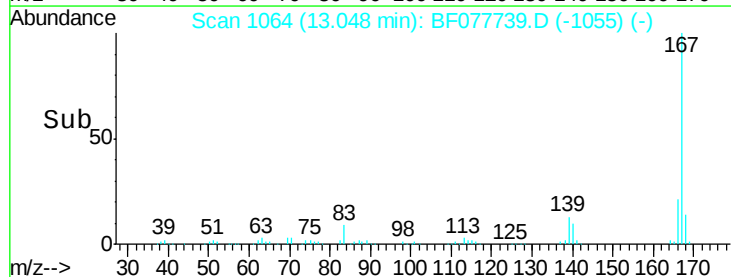
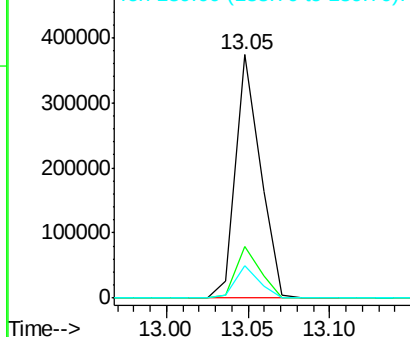
Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	167	Resp:	390430
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.2	25.8
139	13.3	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: 35.10 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

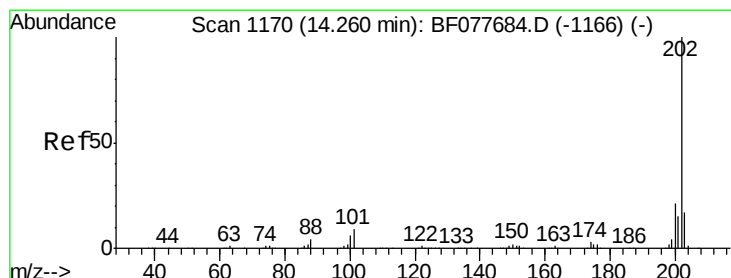
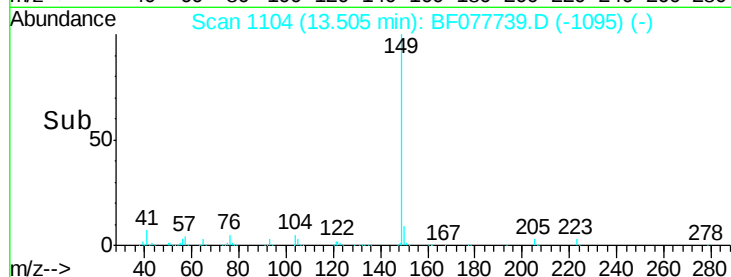
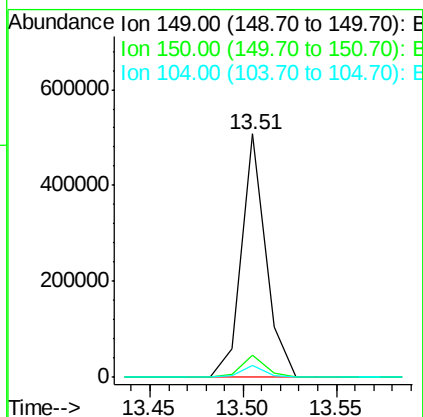
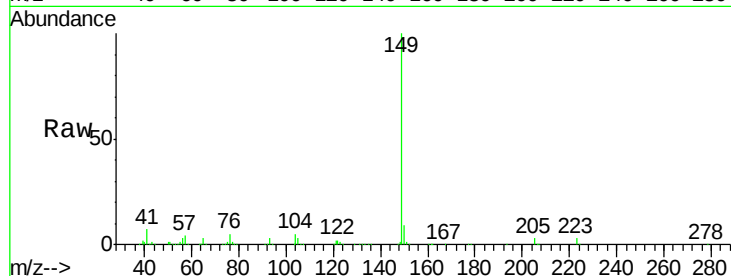
ClientSampleId :

PB82103BSD

Tgt Ion:	149	Resp:	460829
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.5	11.3
104	4.7	3.7	5.5

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#74

Fluoranthene

Concen: 32.35 ng

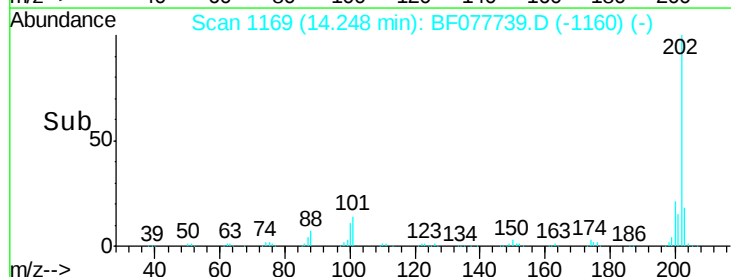
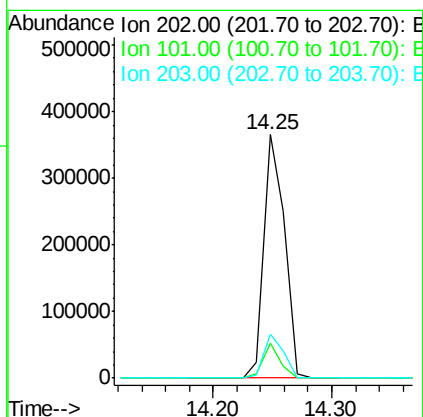
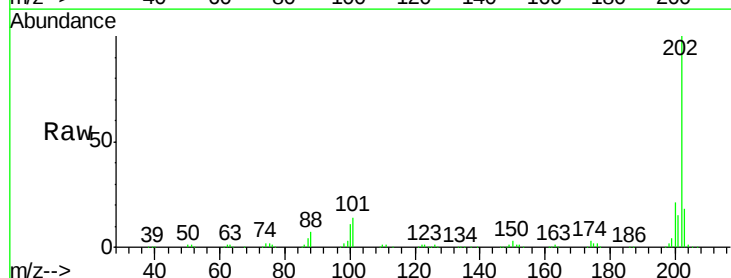
RT: 14.25 min Scan# 1169

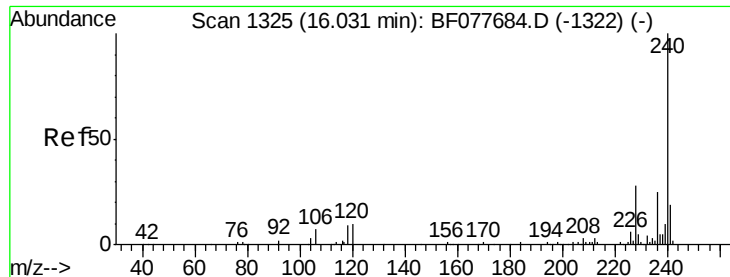
Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	202	Resp:	444550
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	28.7
203	18.1	0.0	37.2





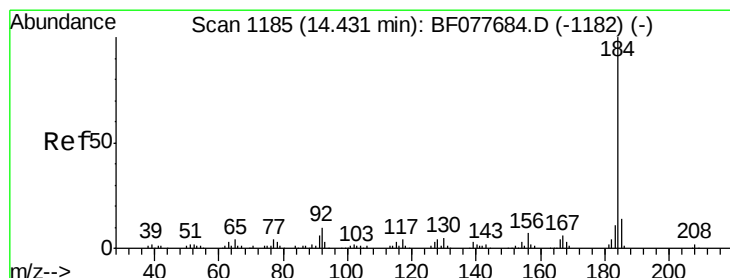
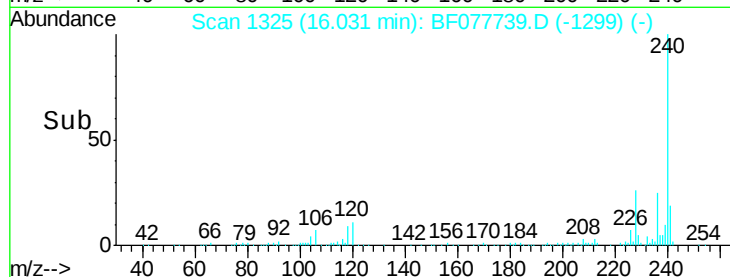
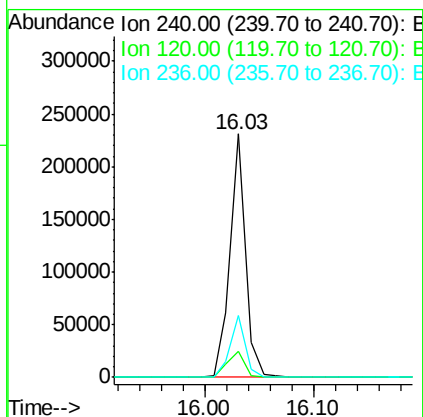
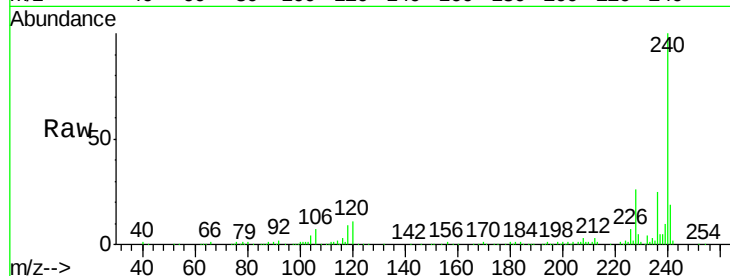
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	226889		
120	10.6		8.2	12.2
236	25.2		20.0	30.0

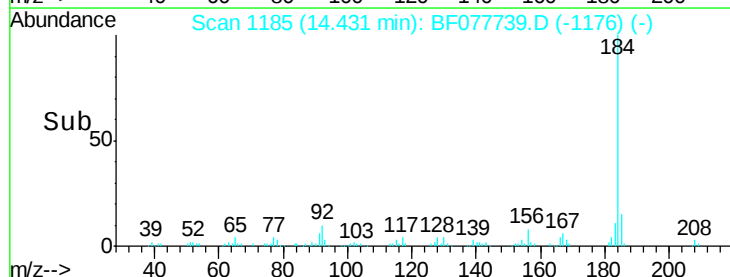
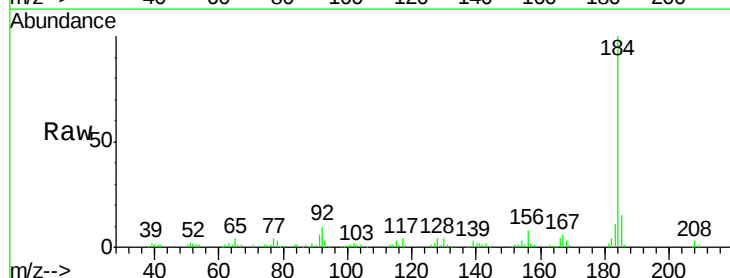
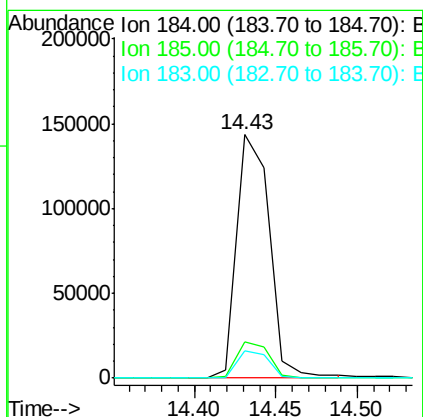
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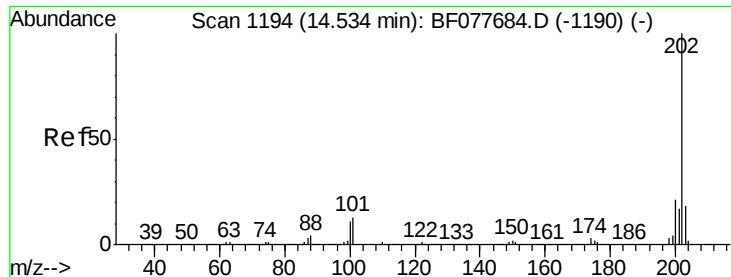
mohammad
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#76
Benzidine
Concen: 35.31 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	198491		
185	15.1		11.3	16.9
183	11.4		8.9	13.3





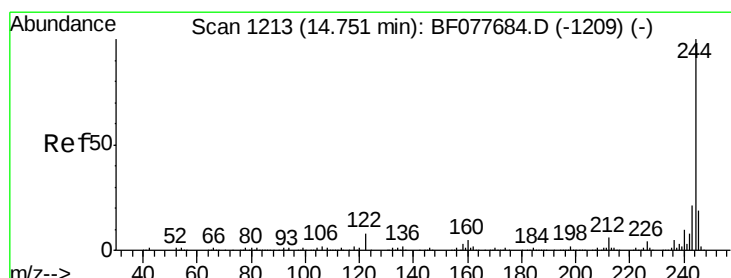
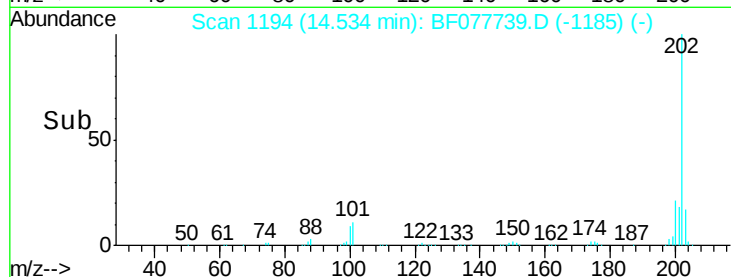
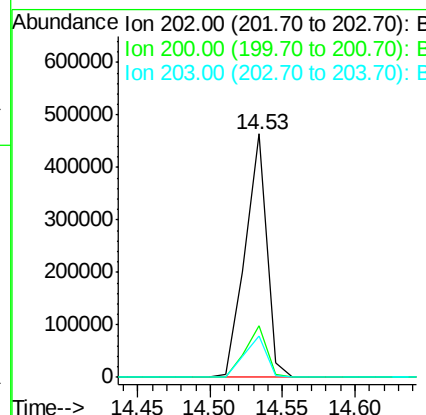
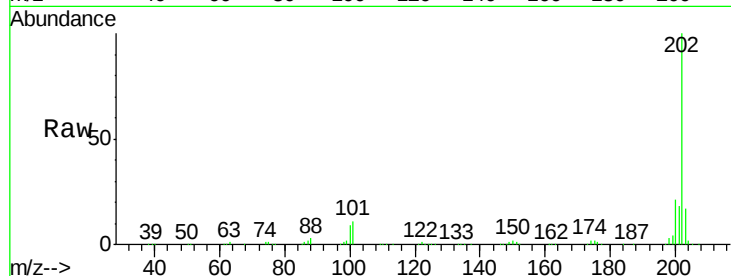
#77
 Pyrene
 Concen: 33.72 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	481057		
200	21.0	16.9	25.3	
203	17.2	14.1	21.1	

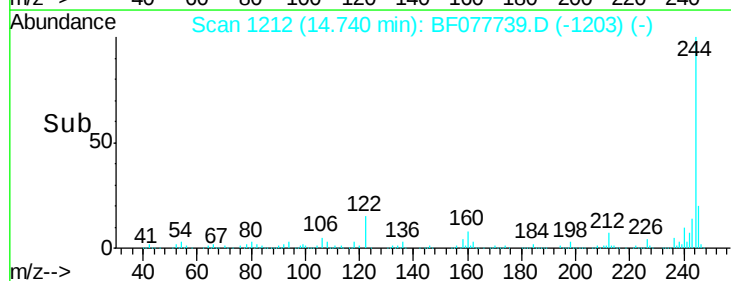
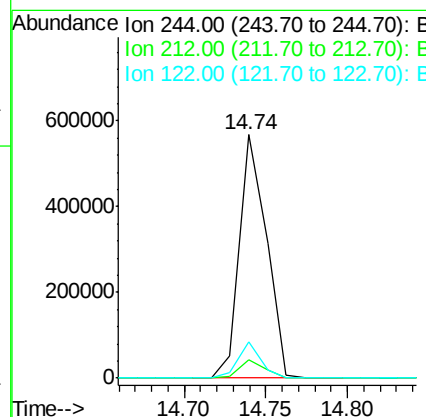
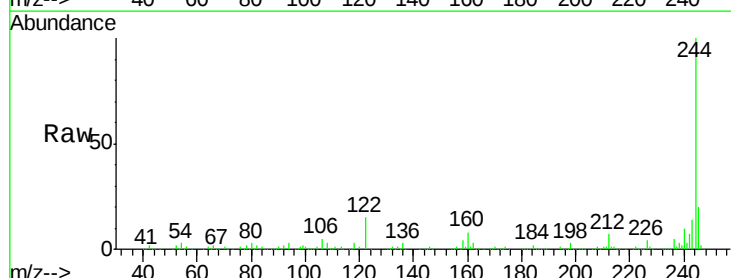
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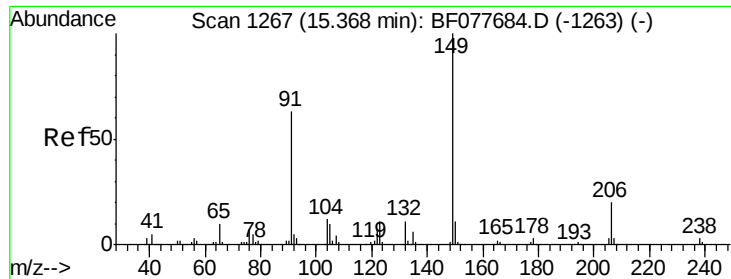
mohammad
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#78
 Terphenyl-d14
 Concen: 69.60 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	646504		
212	7.3	4.9	7.3#	
122	15.1	6.2	9.4#	





#79

Butylbenzylphthalate

Concen: 35.36 ng

RT: 15.37 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

Tgt Ion:149 Resp: 198897
Ion Ratio Lower Upper

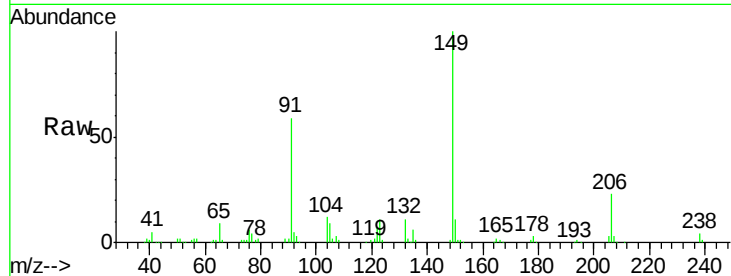
149 100

91 58.7 50.1 75.1

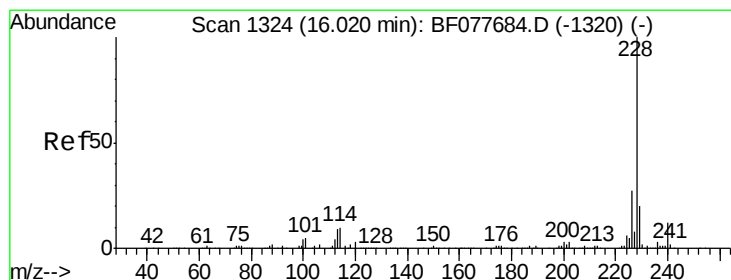
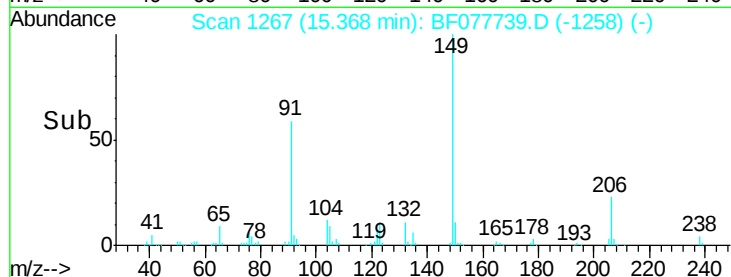
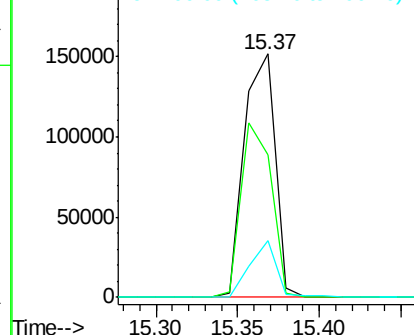
206 23.1 16.2 24.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.15 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF077739.D

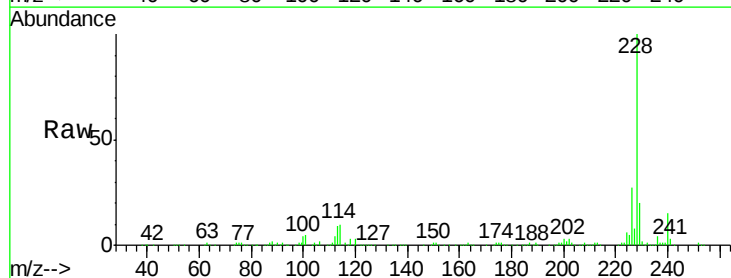
Acq: 13 Mar 2015 14:56

Tgt Ion:228 Resp: 445833
Ion Ratio Lower Upper

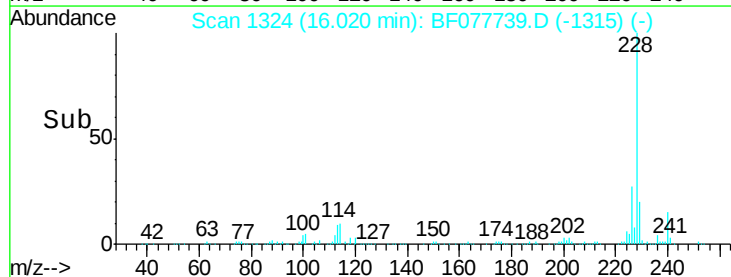
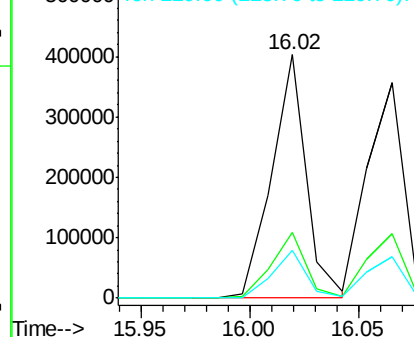
228 100

226 26.8 21.7 32.5

229 19.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





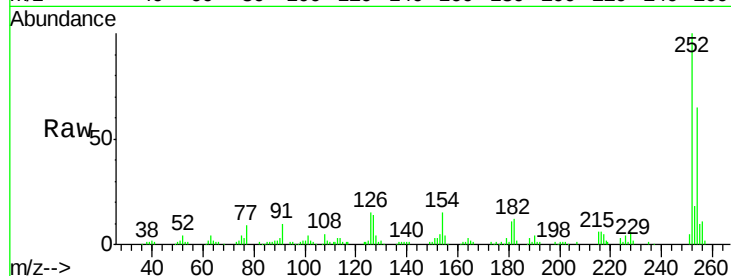
#81
 3,3'-Dichlorobenzidine
 Concen: 23.46 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB82103BSD

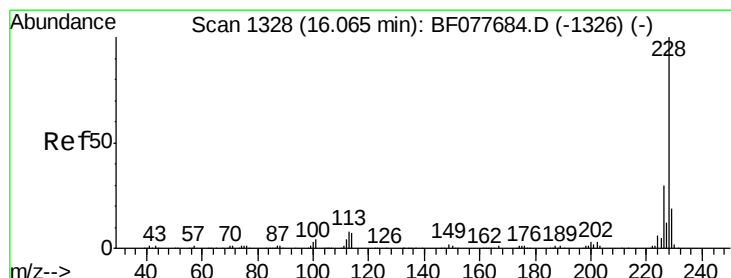
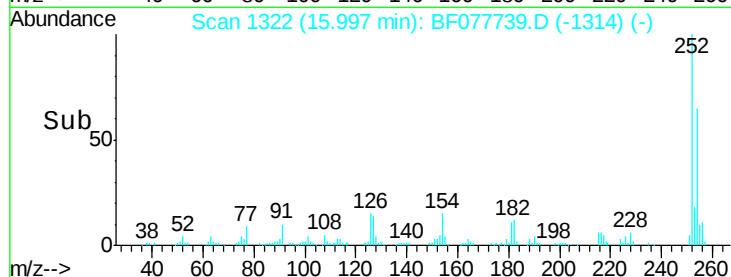
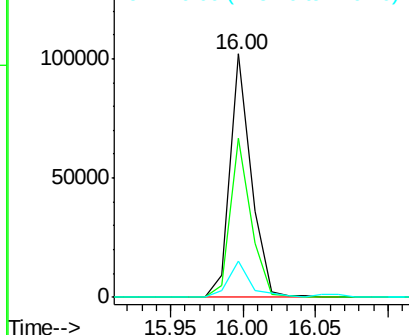
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.2	51.9	77.9
126	14.8	9.8	14.8

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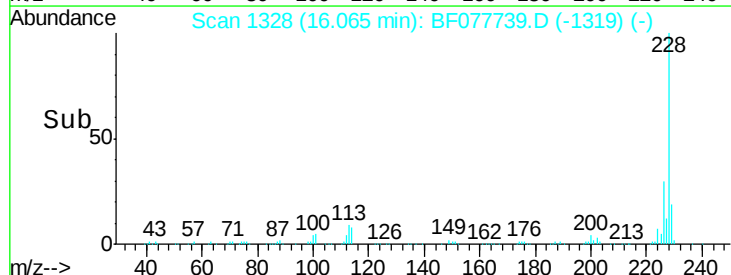
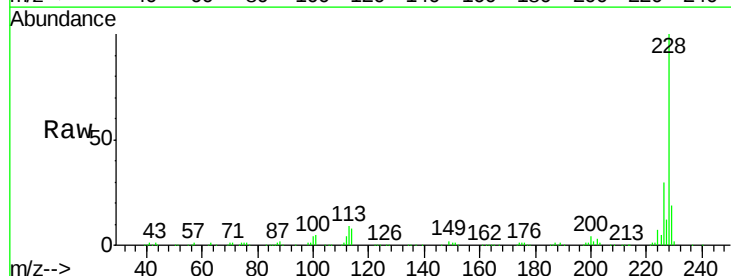
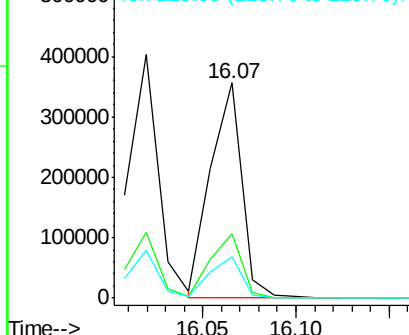
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

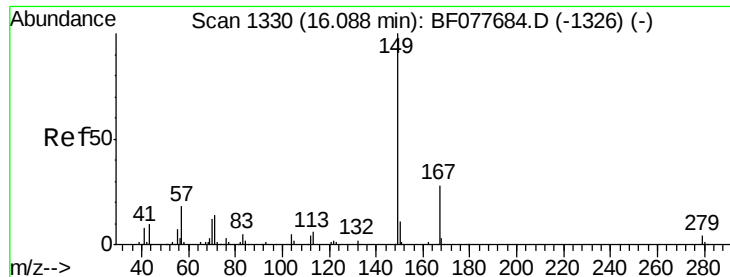


#82
 Chrysene
 Concen: 34.41 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF077739.D
 Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	24.1	36.1
229	19.3	15.5	23.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.69 ng

RT: 16.09 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Instrument :

BNA_F

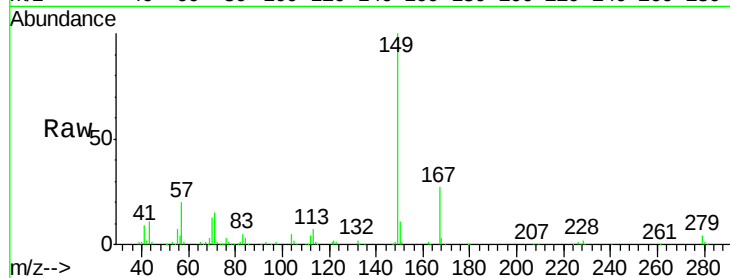
ClientSampleId :

PB82103BSD

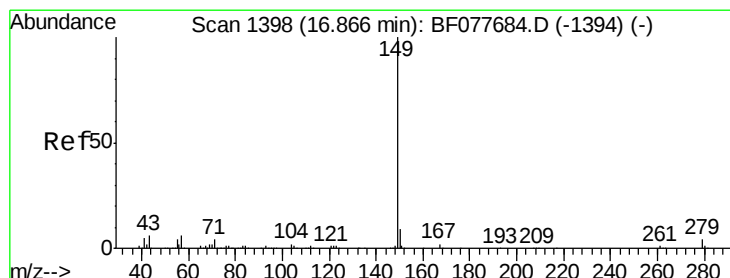
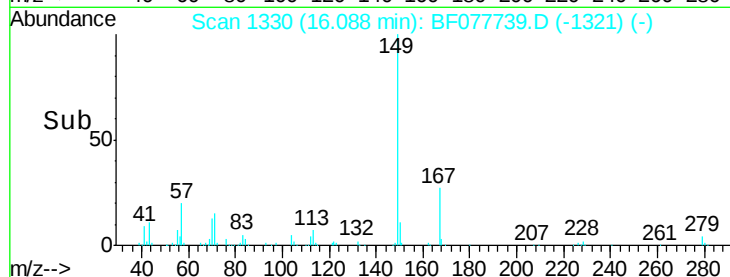
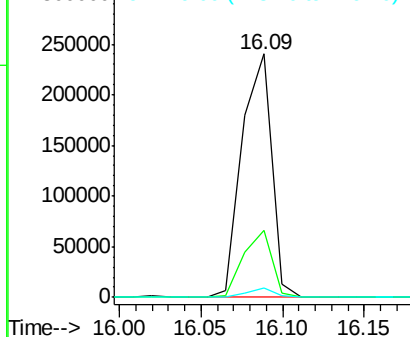
Tgt Ion:	149	Resp:	304080
Ion Ratio		Lower	Upper
149	100		
167	27.4	22.4	33.6
279	4.0	3.4	5.0

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



#84

Di-n-octyl phthalate

Concen: 35.00 ng

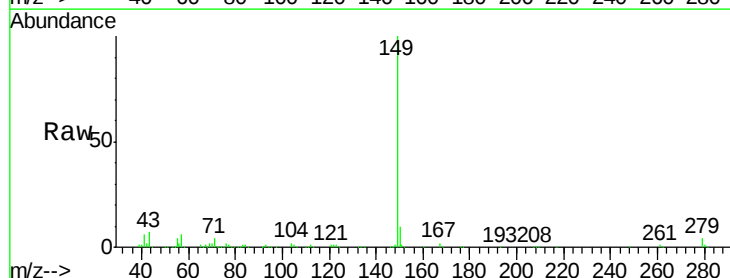
RT: 16.88 min Scan# 1399

Delta R.T. -0.02 min

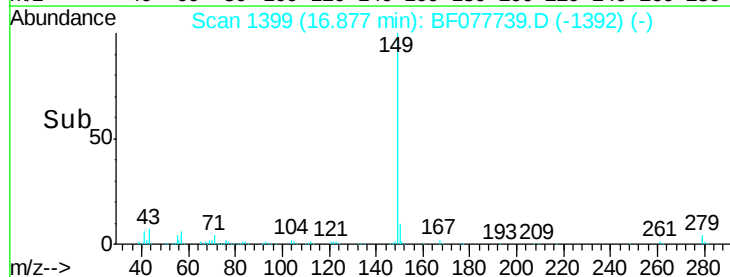
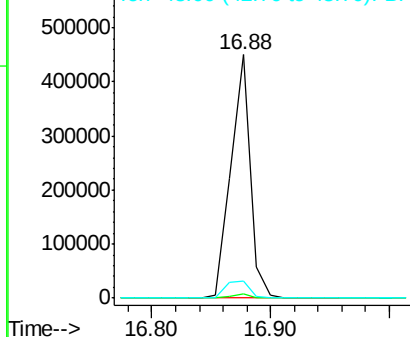
Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	149	Resp:	509998
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.3	10.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





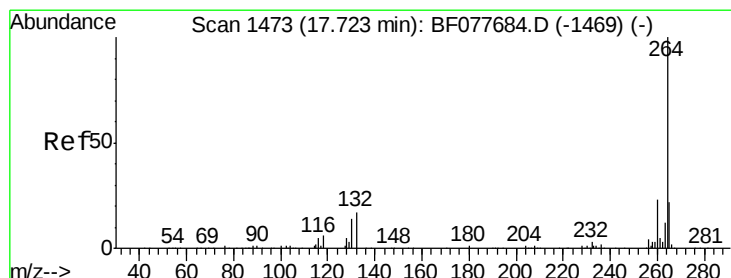
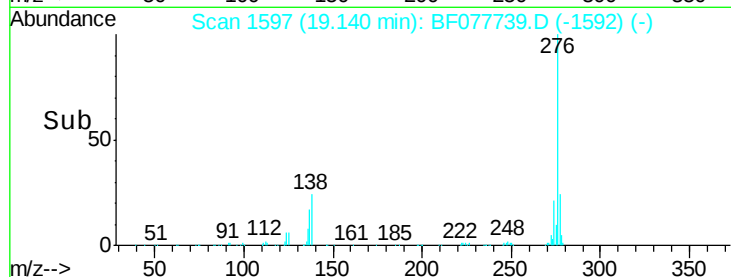
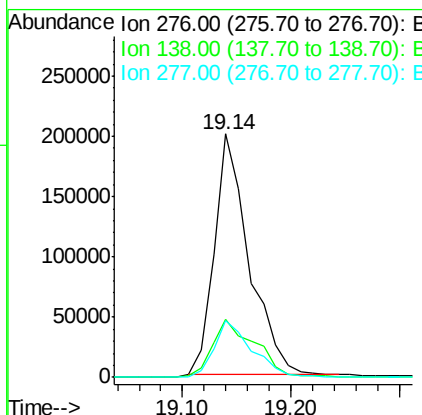
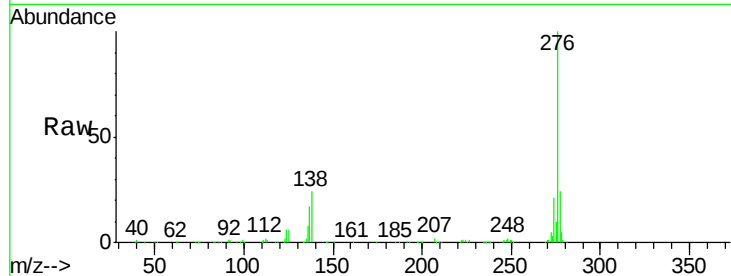
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.29 ng
RT: 19.14 min Scan# 1597
Delta R.T. -0.05 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.4	0.0	0.0#
277	24.9	0.0	0.0#

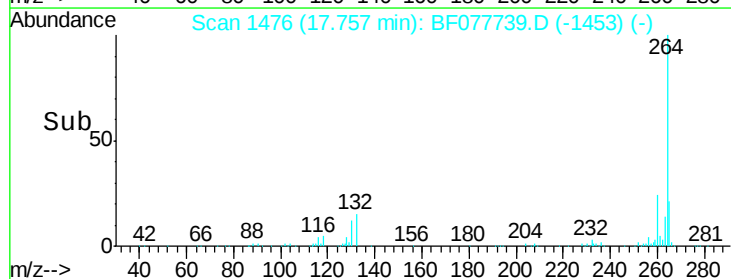
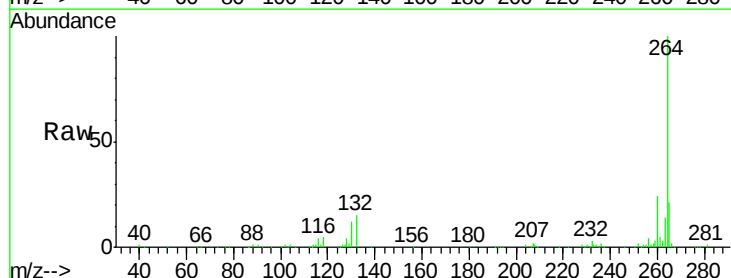
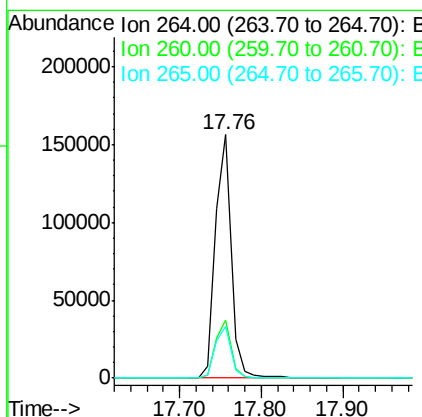
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	18.6	27.8
265	21.1	17.3	25.9





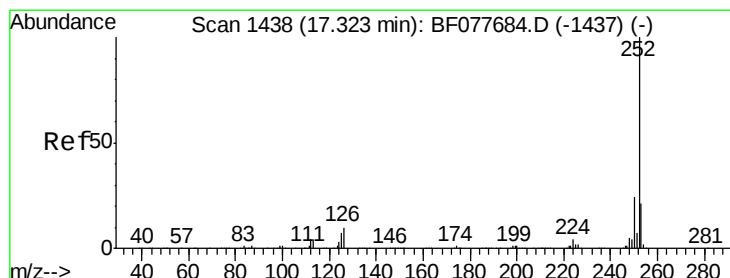
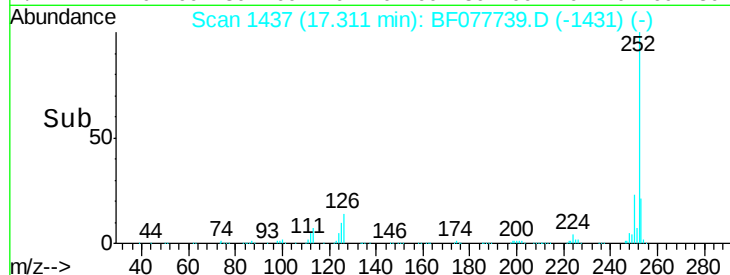
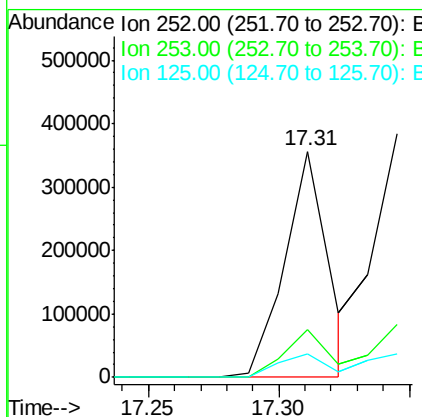
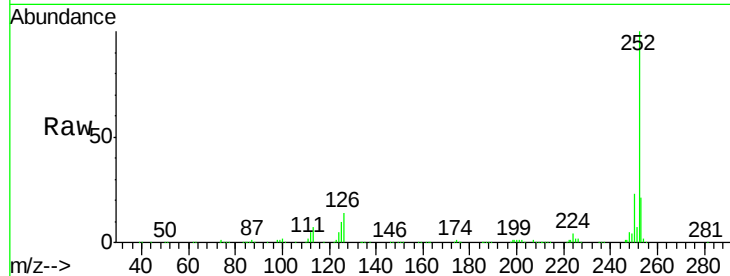
#87
Benzo(b)fluoranthene
Concen: 29.58 ng
RT: 17.31 min Scan# 1437
Delta R.T. -0.03 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	10.3	9.9	14.9

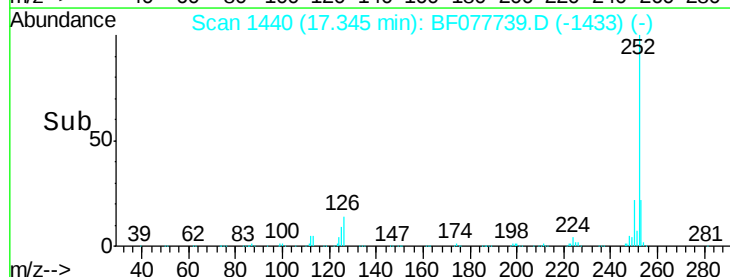
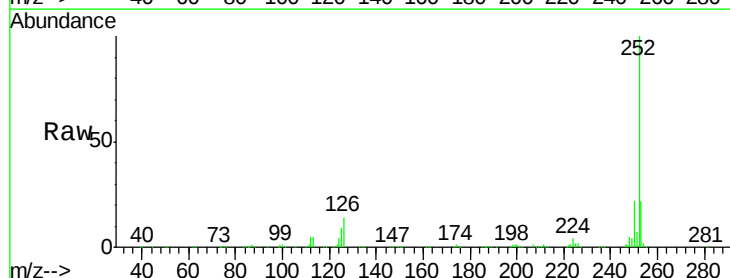
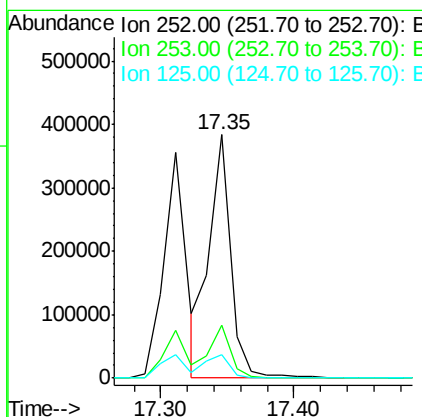
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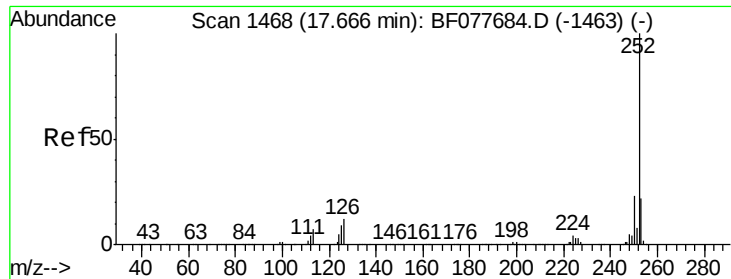
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#88
Benzo(k)fluoranthene
Concen: 40.65 ng m
RT: 17.35 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.5	8.1	12.1





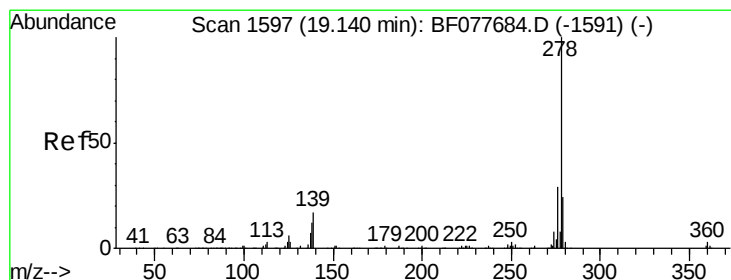
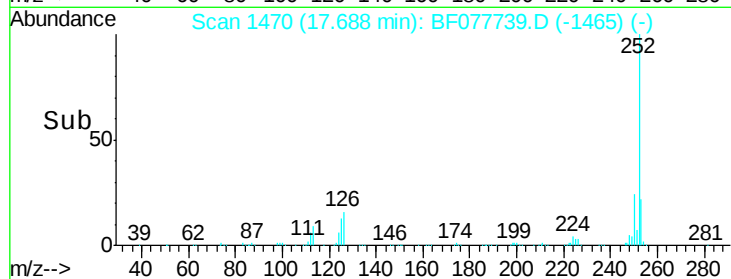
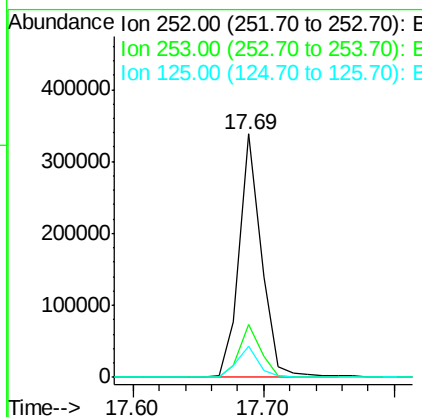
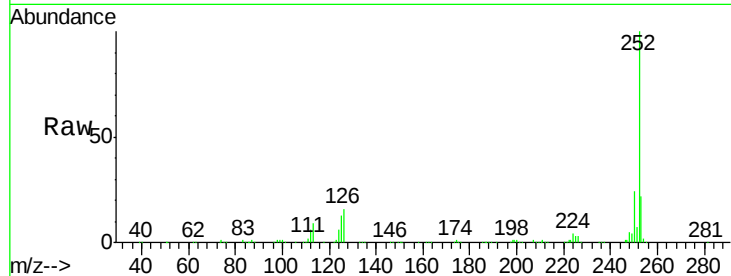
#89
Benzo(a)pyrene
Concen: 35.06 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.05 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Instrument :
BNA_F
ClientSampleId :
PB82103BSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.6	26.4
125	12.8	7.4	11.2

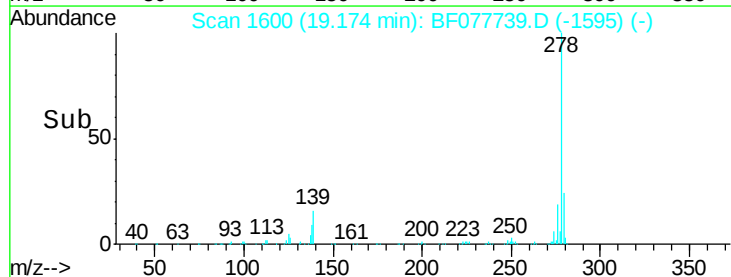
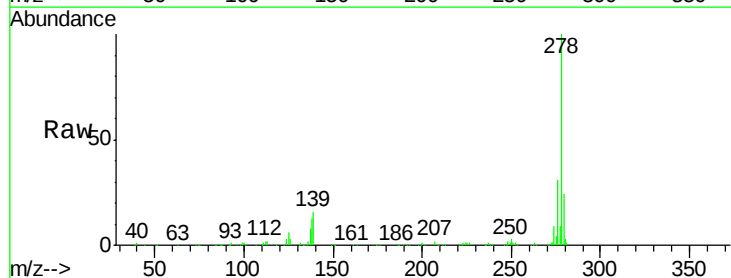
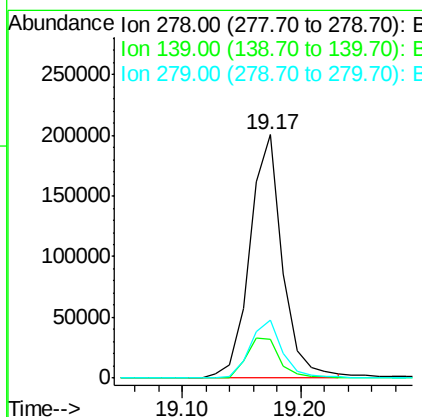
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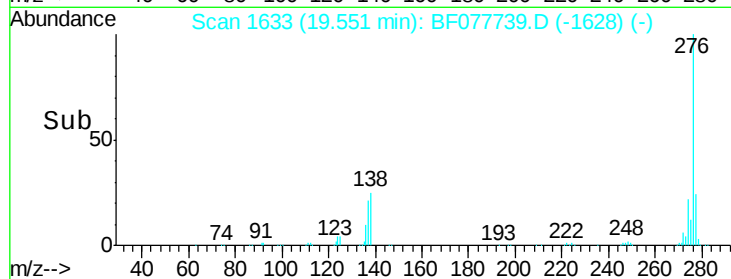
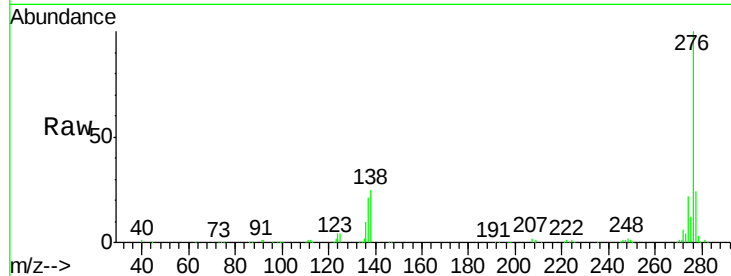
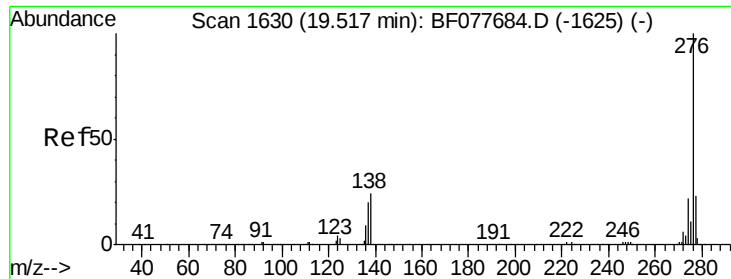
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#90
Dibenzo(a,h)anthracene
Concen: 33.71 ng
RT: 19.17 min Scan# 1600
Delta R.T. -0.05 min
Lab File: BF077739.D
Acq: 13 Mar 2015 14:56

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.0	13.4	20.0
279	23.6	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 33.00 ng

RT: 19.55 min Scan# 1633

Delta R.T. -0.05 min

Lab File: BF077739.D

Acq: 13 Mar 2015 14:56

Tgt Ion:	276	Resp:	383431
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.5	27.7
138	25.3	19.0	28.6

Instrument :

BNA_F

ClientSampleId :

PB82103BSD

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