

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077672.D
 Acq On : 10 Mar 2015 20:32
 Operator : TP/IZ
 Sample : G1440-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Manual Integrations
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mohammad
 3/12/2015 2:22:00 PM

Quant Time: Mar 11 02:03:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	51805	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	206902	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	102553	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	194834	20.00	ng	0.00
75) Chrysene-d12	16.09	240	215906	20.00	ng	0.01
86) Perylene-d12	17.97	264	219788	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	238469	76.85	ng	0.00
7) Phenol-d6	6.75	99	311170	77.99	ng	0.00
23) Nitrobenzene-d5	7.88	82	172853	51.95	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	71868	72.78	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	365229	55.53	ng	0.00
78) Terphenyl-d14	14.77	244	425479	46.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	28740	21.83	ng	99
3) Pyridine	2.83	79	82040	21.78	ng	94
4) n-Nitrosodimethylamine	2.74	42	37067	22.63	ng	93
6) Aniline	6.77	93	82024	14.87	ng	# 86
8) 2-Chlorophenol	6.91	128	86809	23.71	ng	99
9) Benzaldehyde	6.63	77	10567	4.36	ng	91
10) Phenol	6.76	94	117230	24.76	ng	83
11) bis(2-Chloroethyl)ether	6.88	93	83536	24.56	ng	97
12) 1,3-Dichlorobenzene	7.11	146	93541	23.47	ng	96
13) 1,4-Dichlorobenzene	7.21	146	93956	23.17	ng	99
14) 1,2-Dichlorobenzene	7.39	146	89632	23.24	ng	99
15) Benzyl Alcohol	7.37	79	71408	23.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	111027	22.83	ng	100
17) 2-Methylphenol	7.52	107	70585	24.67	ng	98
18) Hexachloroethane	7.81	117	30720	22.68	ng	# 76
19) n-Nitroso-di-n-propylamine	7.70	70	69354	27.37	ng	96
20) 3+4-Methylphenols	7.71	107	90782	24.09	ng	# 74
22) Acetophenone	7.69	105	115501	23.73	ng	# 90
24) Nitrobenzene	7.90	77	87559	25.01	ng	# 96
25) Isophorone	8.20	82	172494	26.13	ng	# 98
26) 2-Nitrophenol	8.30	139	42412	29.56	ng	90
27) 2,4-Dimethylphenol	8.36	122	78398	24.42	ng	99
28) bis(2-Chloroethoxy)methane	8.48	93	99322	23.82	ng	# 93
29) 2,4-Dichlorophenol	8.59	162	76807	25.49	ng	92
30) 1,2,4-Trichlorobenzene	8.69	180	76844	23.20	ng	98
31) Naphthalene	8.79	128	273784	26.46	ng	100
32) Benzoic acid	8.45	122	17843	11.44	ng	# 21
33) 4-Chloroaniline	8.86	127	79334	17.25	ng	# 94
34) Hexachlorobutadiene	8.95	225	42814	22.64	ng	99
35) Caprolactam	9.27	113	23153	25.17	ng	# 57
36) 4-Chloro-3-methylphenol	9.47	107	75851	25.04	ng	98
37) 2-Methylnaphthalene	9.65	142	398565	54.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	70131	23.83	ng	# 95
40) Hexachlorocyclopentadiene	9.84	237	60378	38.27	ng	95

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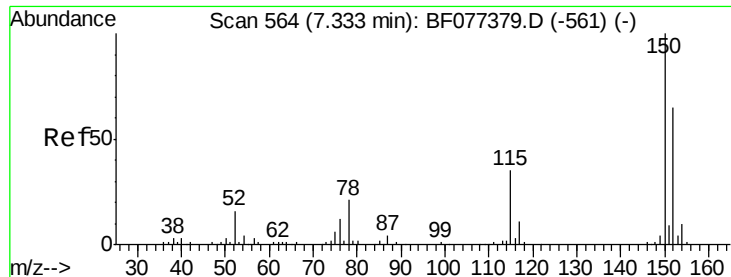
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	51899	26.63	nq	98
43) 2,4,5-Trichlorophenol	10.04	196	54463	26.14	nq	# 82
45) 1,1'-Biphenyl	10.23	154	199912	25.73	nq	97
46) 2-Chloronaphthalene	10.25	162	161755	26.55	nq	97
47) 2-Nitroaniline	10.38	65	41472	27.65	nq	97
48) Acenaphthylene	10.76	152	262536	27.22	nq	96
49) Dimethylphthalate	10.62	163	194696	27.01	nq	100
50) 2,6-Dinitrotoluene	10.69	165	39173	27.10	nq	# 31
51) Acenaphthene	10.97	154	153960	26.75	nq	98
52) 3-Nitroaniline	10.89	138	49222	29.53	nq	88
53) 2,4-Dinitrophenol	11.03	184	20144	45.79	nq	# 72
54) Dibenzofuran	11.19	168	241461	27.17	nq	95
55) 4-Nitrophenol	11.10	139	82081	61.23	nq	# 72
56) 2,4-Dinitrotoluene	11.19	165	61698	31.58	nq	# 82
57) Fluorene	11.61	166	221627	31.19	nq	96
58) 2,3,4,6-Tetrachlorophenol	11.34	232	42603	25.43	nq	# 66
59) Diethylphthalate	11.49	149	180450	25.39	nq	98
60) 4-Chlorophenyl-phenylether	11.62	204	80274	23.45	nq	# 81
61) 4-Nitroaniline	11.64	138	44324	27.75	nq	88
62) Azobenzene	11.82	77	182114	27.01	nq	92
64) 4,6-Dinitro-2-methylphenol	11.69	198	17161	24.08	nq	# 36
65) n-Nitrosodiphenylamine	11.77	169	230722	35.69	nq	89
66) 4-Bromophenyl-phenylether	12.23	248	50177	21.99	nq	# 84
67) Hexachlorobenzene	12.29	284	51783	21.15	nq	# 89
68) Atrazine	12.44	200	54077	25.73	nq	98
69) Pentachlorophenol	12.54	266	60363	46.90	nq	95
70) Phenanthrene	12.80	178	358064	31.71	nq	99
71) Anthracene	12.86	178	281756	25.14	nq	98
72) Carbazole	13.07	167	268151	25.17	nq	98
73) Di-n-butylphthalate	13.53	149	294703	23.55	nq	99
74) Fluoranthene	14.27	202	302278	24.51	nq	97
76) Benzidine	14.46	184	180719	24.77	nq	98
77) Pyrene	14.55	202	335862	25.43	nq	98
79) Butylbenzylphthalate	15.40	149	130824	24.08	nq	# 79
80) Benzo(a)anthracene	16.08	228	305267	24.12	nq	99
81) 3,3'-Dichlorobenzidine	16.06	252	88778	19.15	nq	97
82) Chrysene	16.13	228	290218	24.43	nq	99
83) Bis(2-ethylhexyl)phthalate	16.15	149	197734	22.69	nq	# 96
84) Di-n-octyl phthalate	17.01	149	338569	23.27	nq	99
85) Indeno(1,2,3-cd)pyrene	19.41	276	343577	25.36	nq	98
87) Benzo(b)fluoranthene	17.48	252	310052m	24.26	nq	
88) Benzo(k)fluoranthene	17.51	252	299981	23.95	nq	# 95
89) Benzo(a)pyrene	17.90	252	299086	24.57	nq	99
90) Dibenzo(a,h)anthracene	19.44	278	290631	25.03	nq	99
91) Benzo(g,h,i)perylene	19.82	276	293401	25.04	nq	96

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



#1

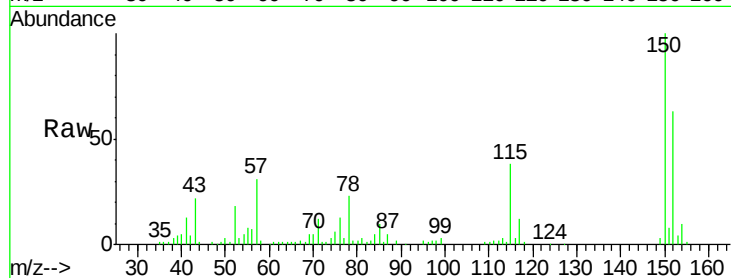
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.0	186.0
115	59.6	49.4	74.2

Manual Integrations
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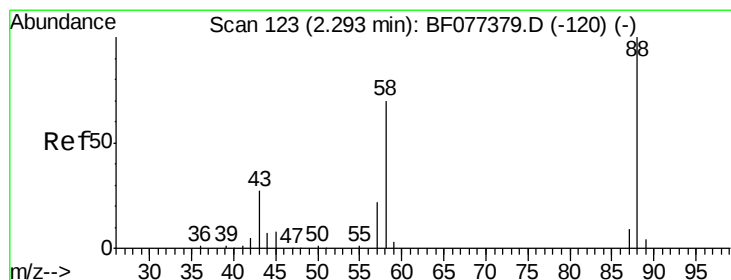
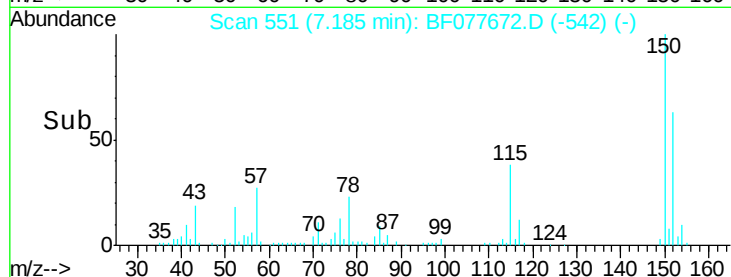
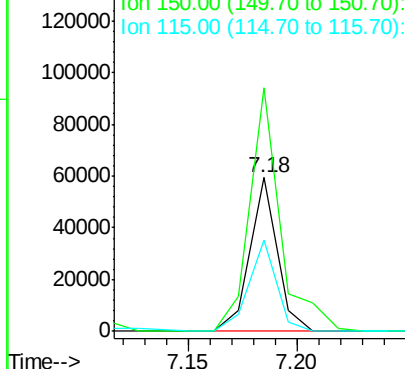


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

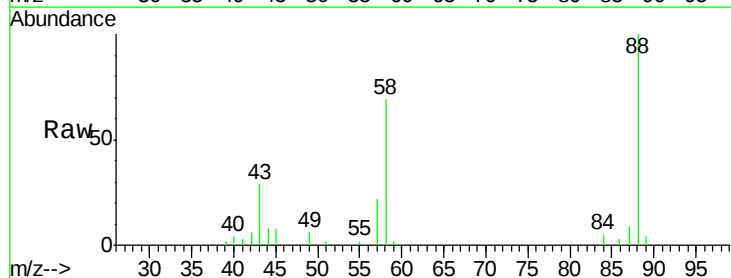
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.83 ng
RT: 2.10 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	62.1	93.1
43	29.9	24.0	36.0

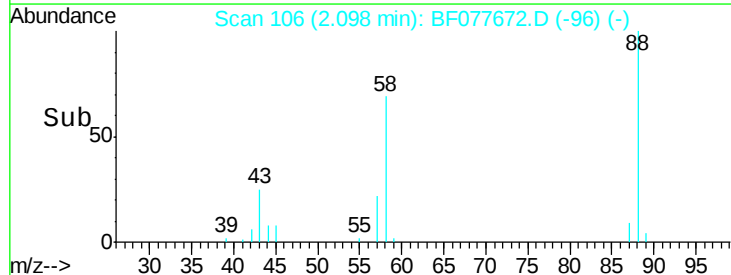
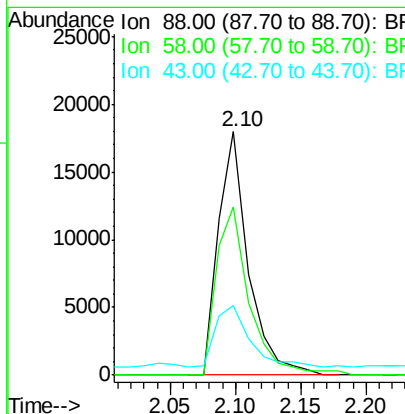


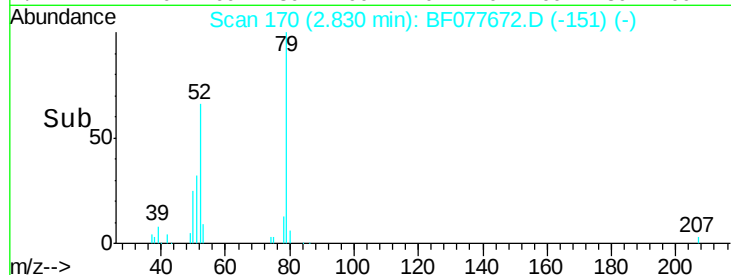
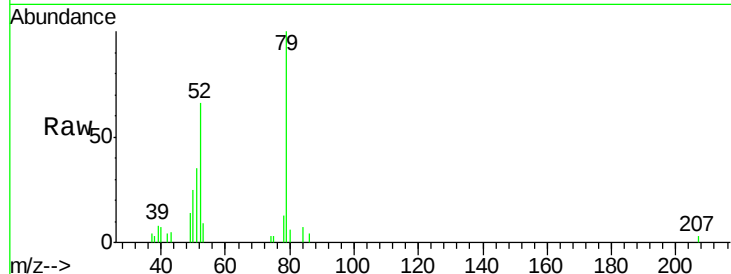
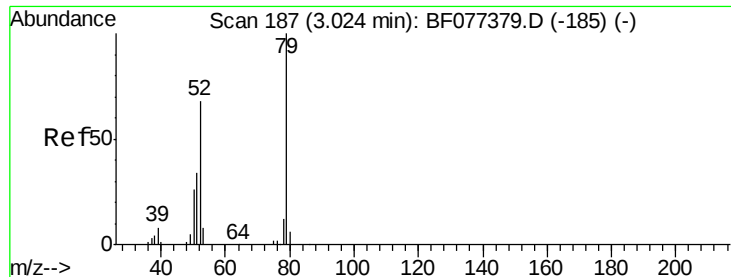
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





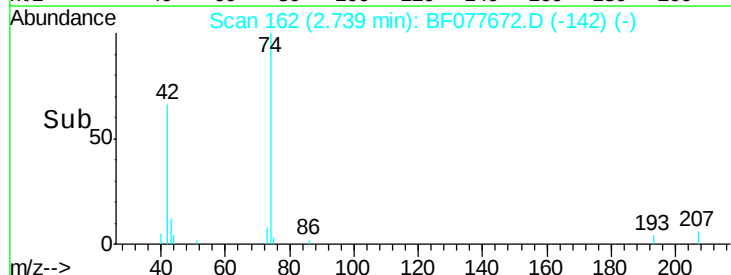
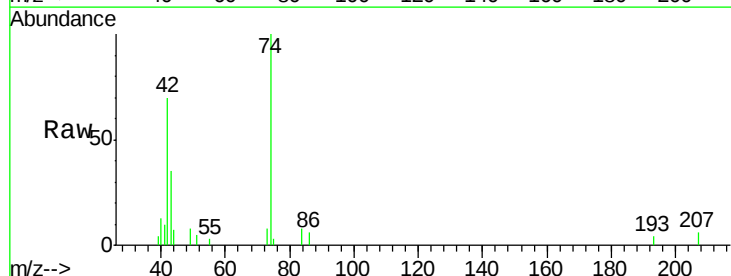
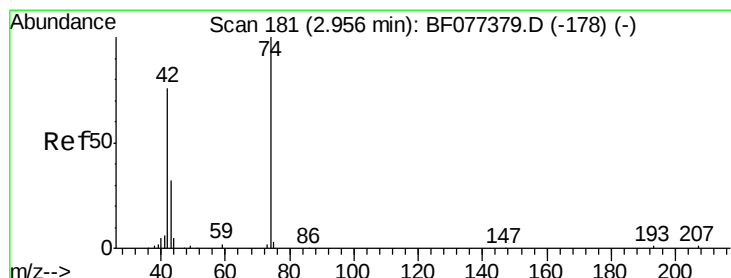
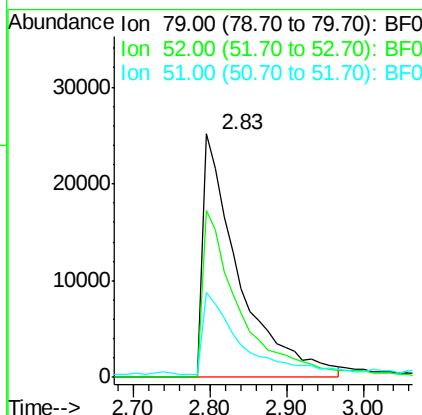
#3
 Pvridine
 Concen: 21.78 ng
 RT: 2.83 min Scan# 170
 Delta R.T. 0.03 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tot Ion:	79	Resp:	82040
Ion Ratio	Lower	Upper	
79	100		
52	65.7	57.7	86.5
51	34.6	28.5	42.7

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

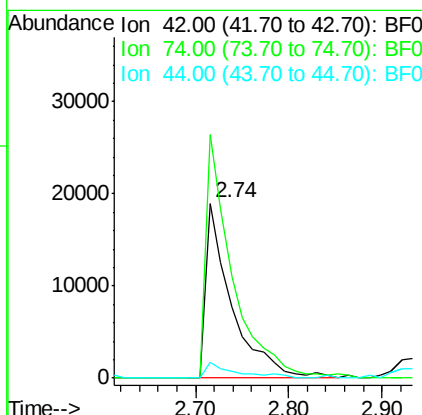
Manual Integrations
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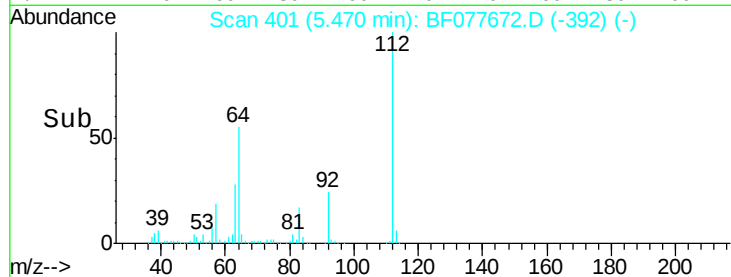
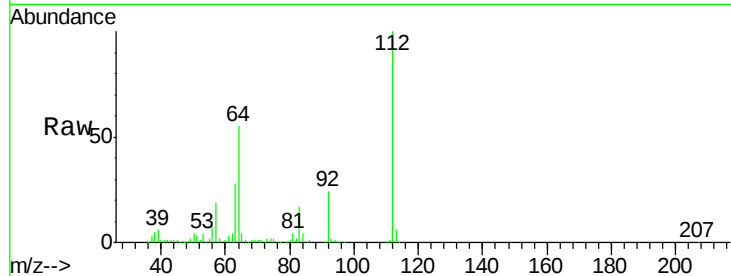
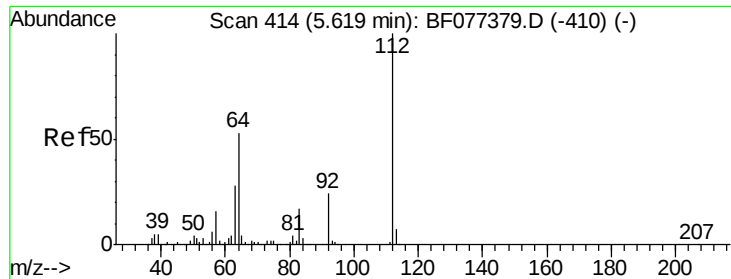
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#4
 n-Nitrosodimethylamine
 Concen: 22.63 ng
 RT: 2.74 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:	42	Resp:	37067
Ion Ratio	Lower	Upper	
42	100		
74	142.2	107.1	160.7
44	9.6	6.7	10.1





#5

2-Fluorophenol

Concen: 76.85 ng

RT: 5.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		238469		
64	55.1	48.5	72.7		
63	27.8	25.0	37.4		

Instrument :

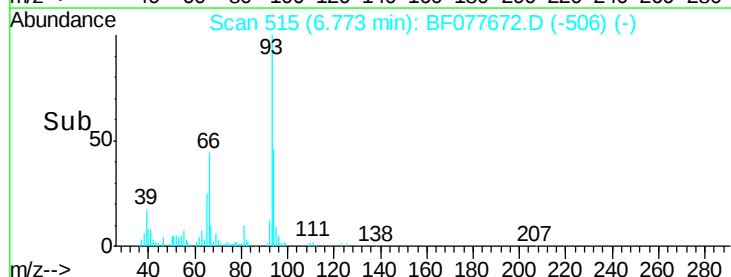
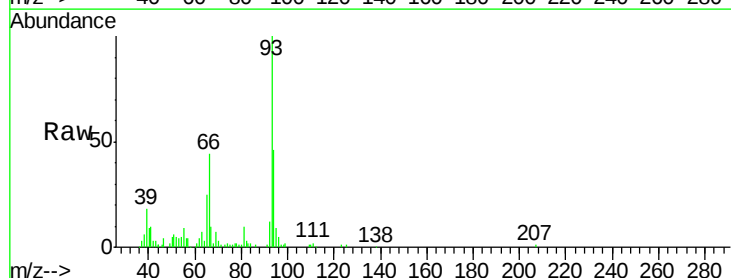
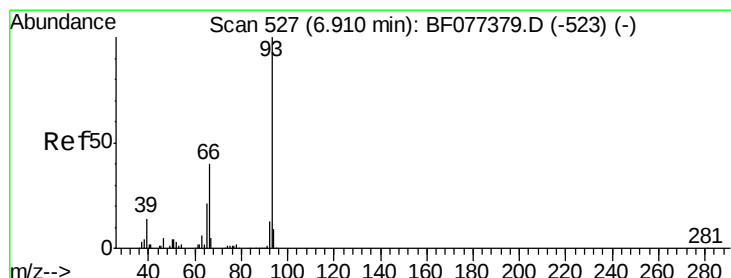
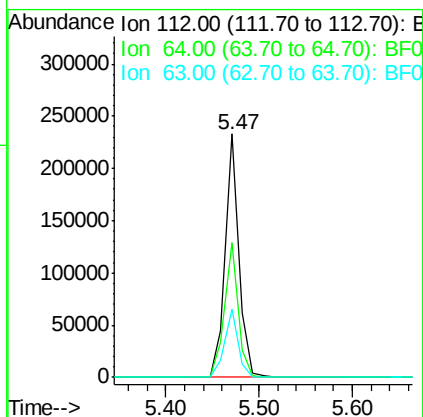
BNA_F

ClientSampleId :

B2(8-9)MSD

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#6

Aniline

Concen: 14.87 ng

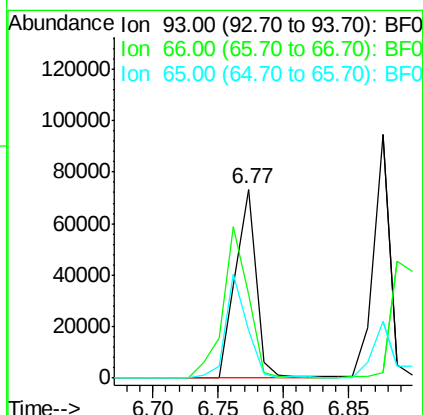
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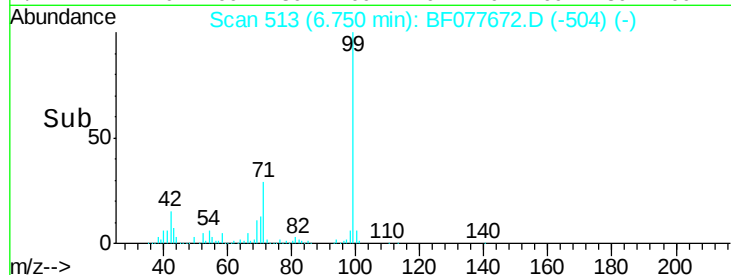
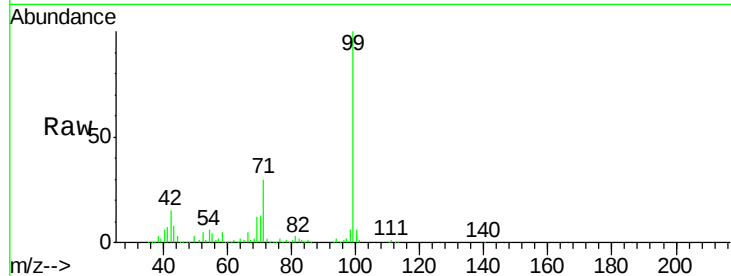
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		82024		
66	44.0	29.1	43.7#		
65	25.5	14.6	22.0#		





#7

Phenol-d6

Concen: 77.99 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tot Ion:	99	Resp:	311170
Ion Ratio	Lower	Upper	
99	100		
42	15.4	16.2	24.4#
71	30.4	26.7	40.1

Instrument :

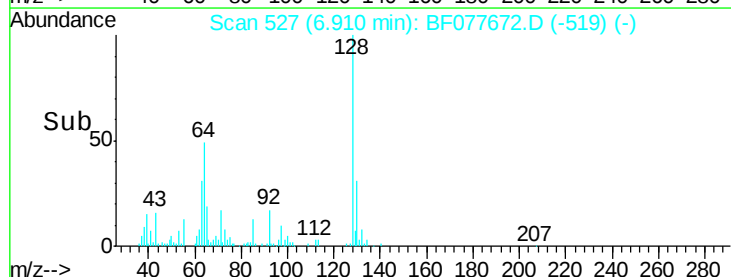
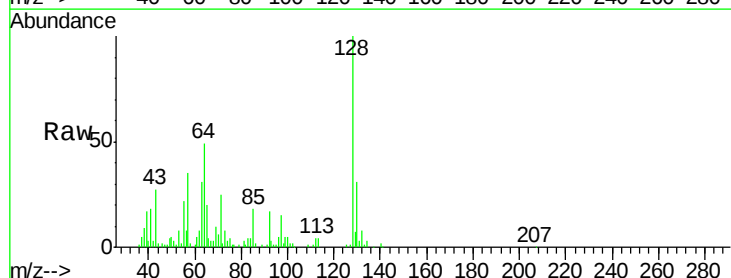
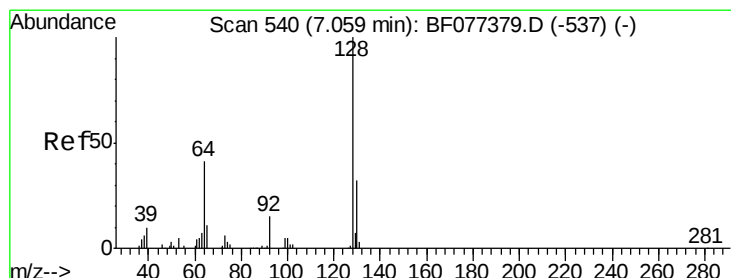
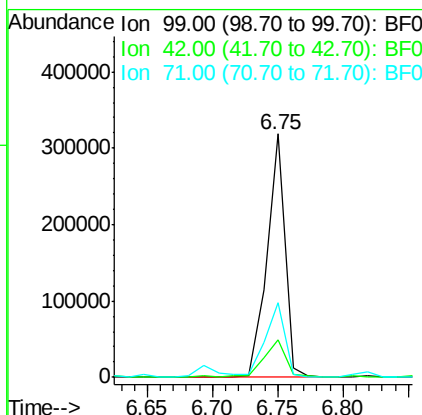
BNA_F

ClientSampleId :

B2(8-9)MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 23.71 ng

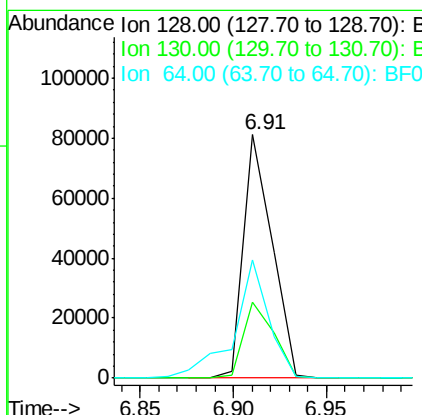
RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	128	Resp:	86809
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.0	52.0
64	48.7	29.2	69.2





#9

Benzaldehyde

Concen: 4.36 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

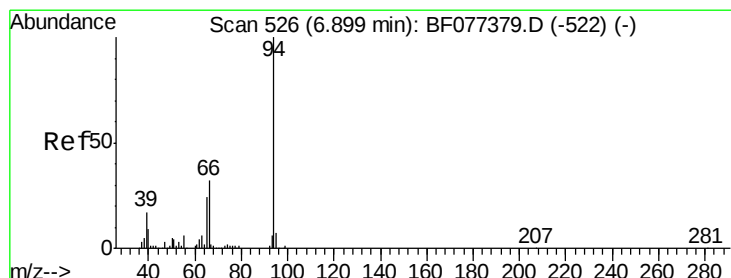
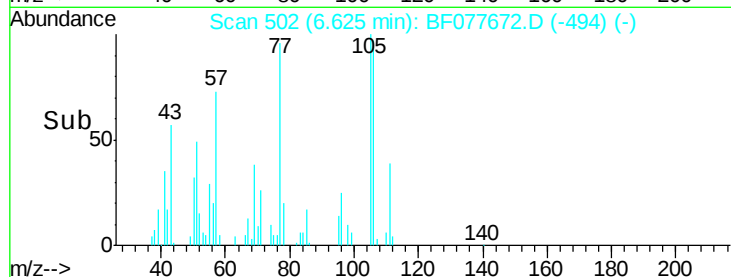
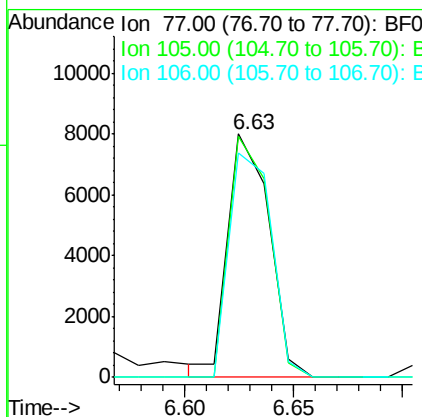
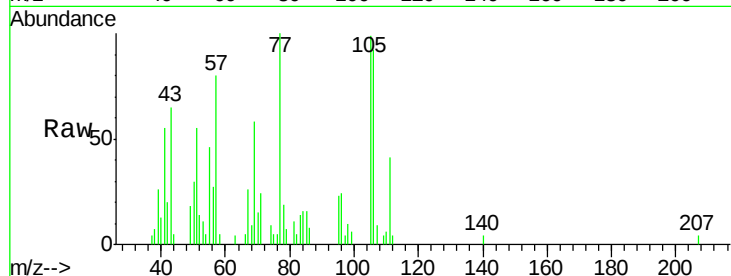
ClientSampleId :

B2(8-9)MSD

Tot Ion:	77	Resp:	10567
Ion	Ratio	Lower	Upper
77	100		
105	99.2	85.9	125.9
106	92.0	82.9	122.9

Manual Integrations
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#10

Phenol

Concen: 24.76 ng

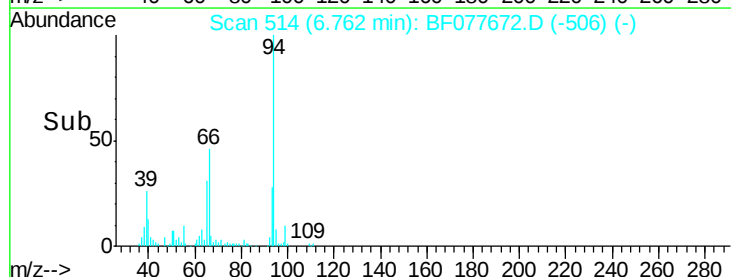
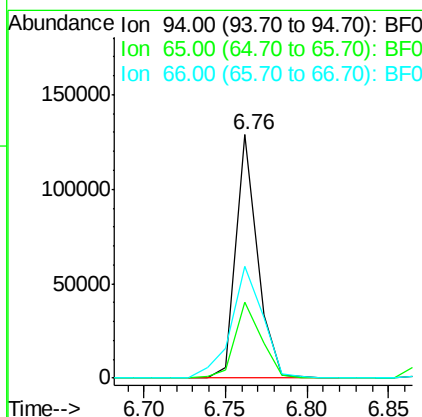
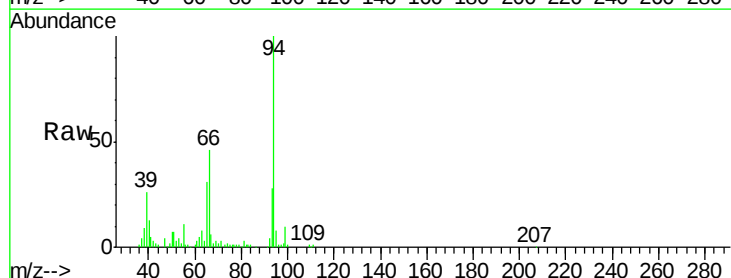
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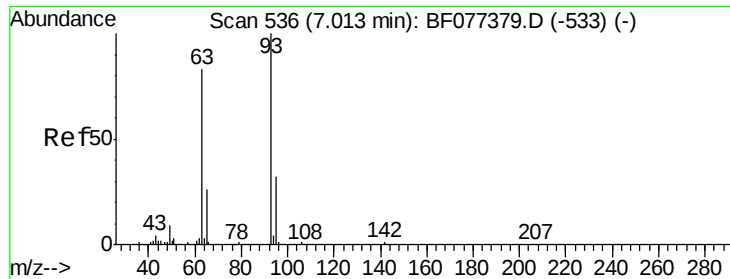
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	94	Resp:	117230
Ion	Ratio	Lower	Upper
94	100		
65	31.4	5.7	45.7
66	45.7	13.6	53.6





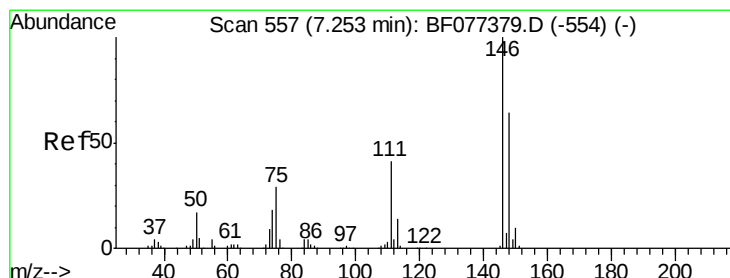
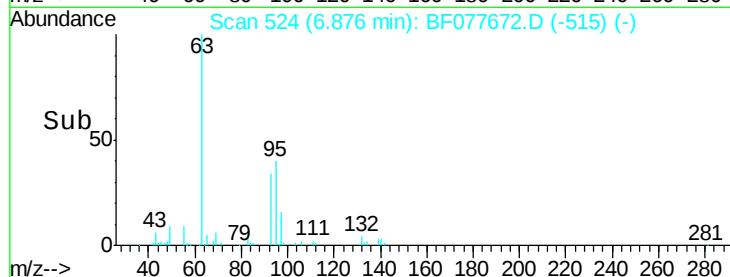
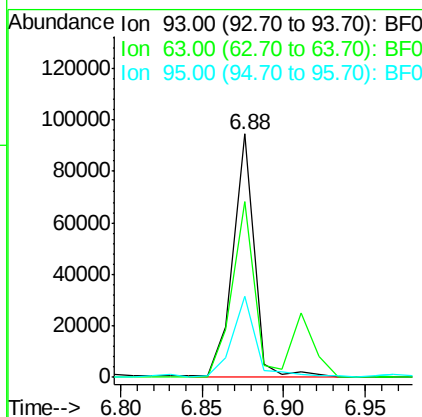
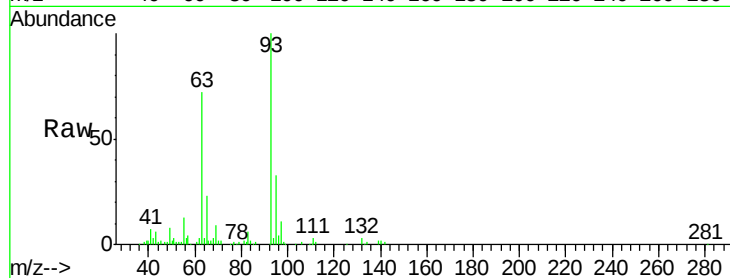
#11
bis(2-Chloroethyl)ether
Concen: 24.56 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.2	48.7	88.7	
95	33.4	13.6	53.6	

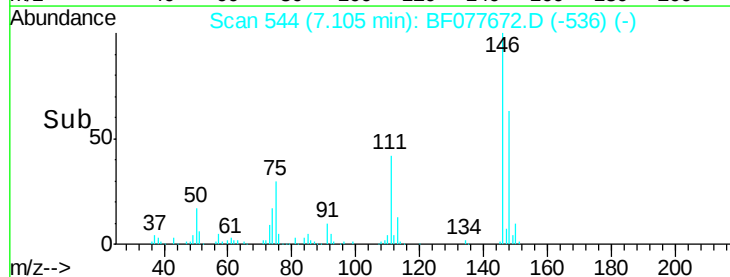
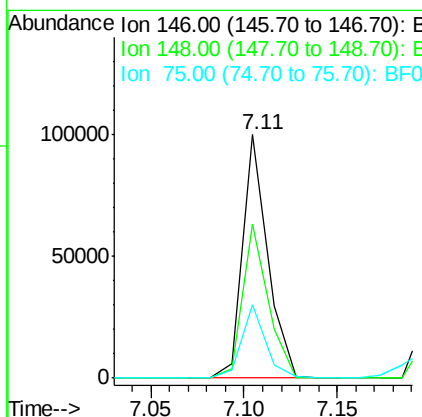
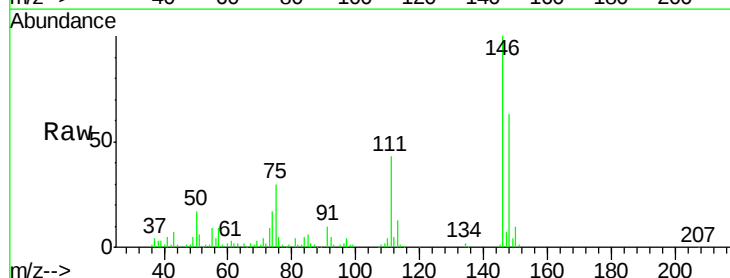
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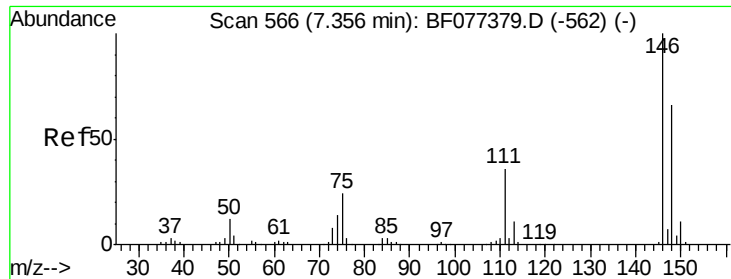
mohammad
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#12
1,3-Dichlorobenzene
Concen: 23.47 ng
RT: 7.11 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.5	49.8	74.8	
75	30.1	28.2	42.4	





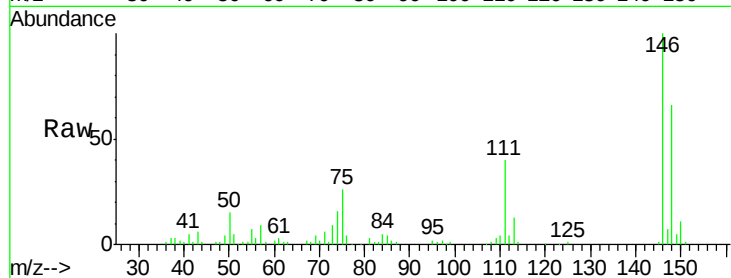
#13
 1,4-Dichlorobenzene
 Concen: 23.17 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

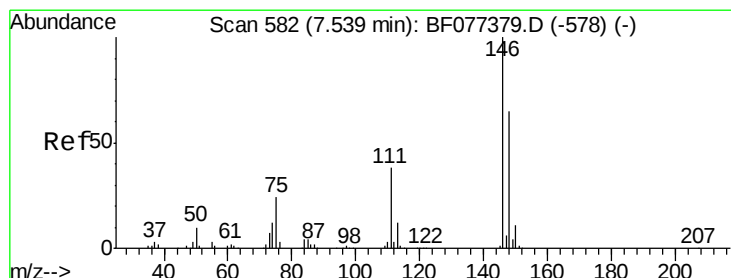
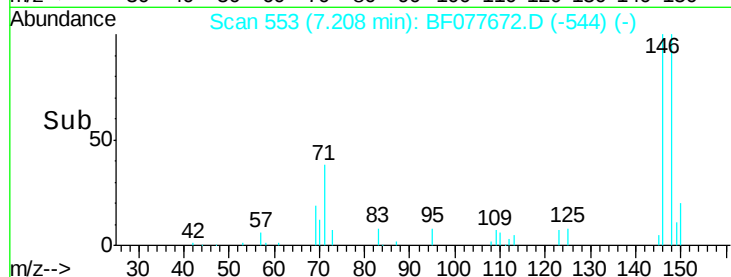
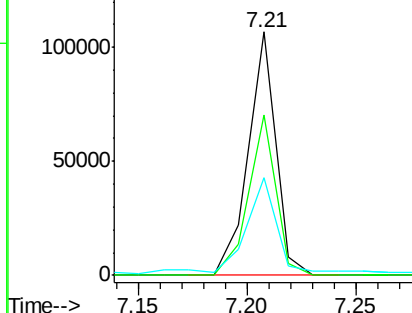
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.0	78.0
111	40.0	31.9	47.9

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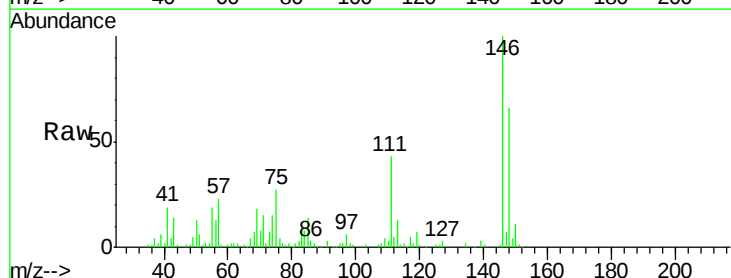


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

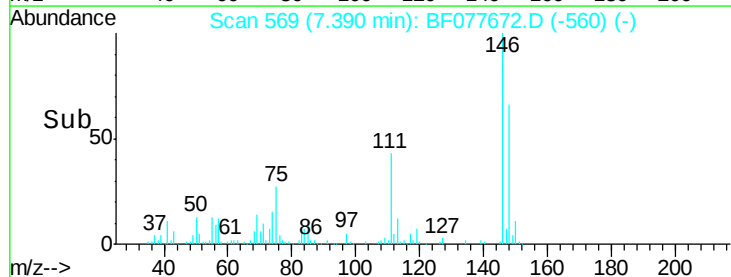
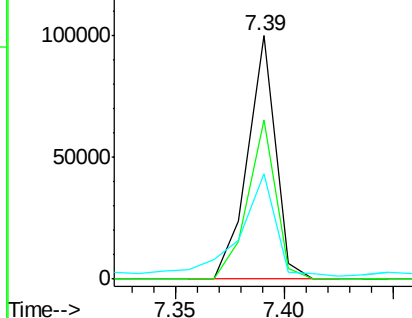


#14
 1,2-Dichlorobenzene
 Concen: 23.24 ng
 RT: 7.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.6	77.4
111	43.2	34.2	51.2



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





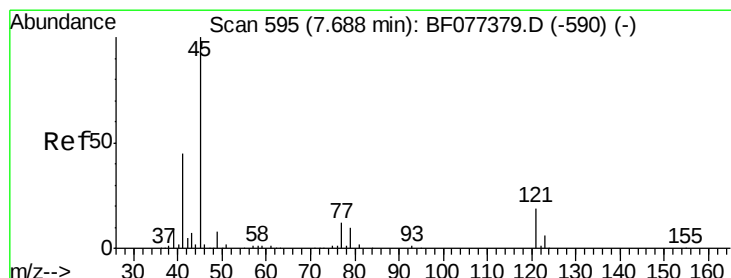
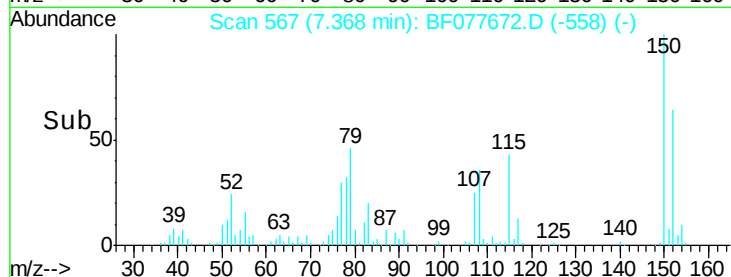
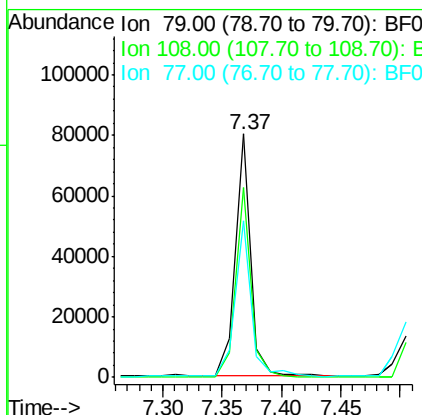
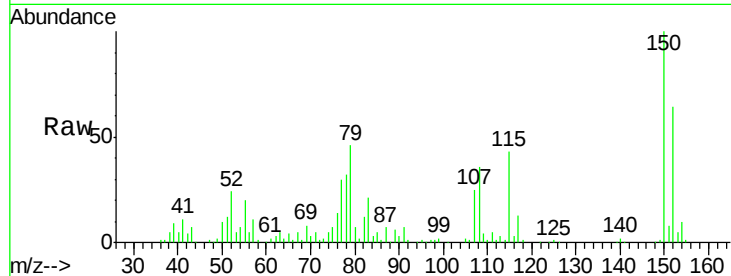
#15
Benzyl Alcohol
Concen: 23.54 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampled :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.8	58.3	87.5
77	64.5	51.3	76.9

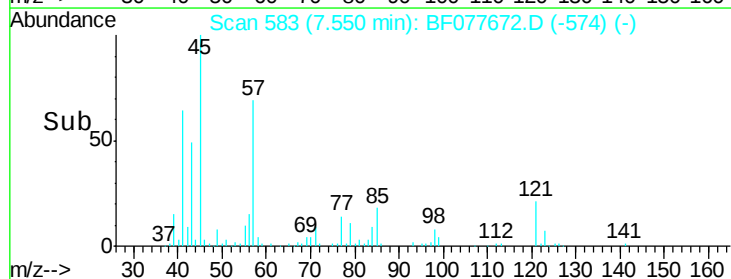
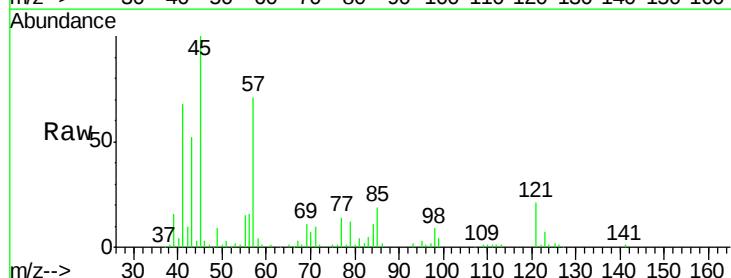
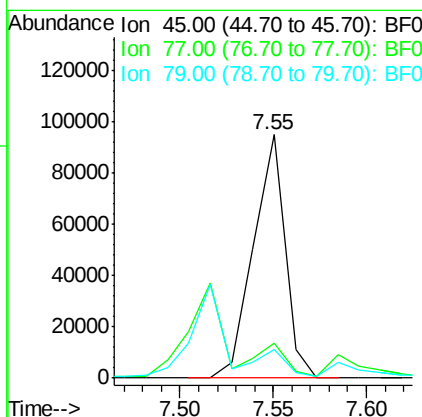
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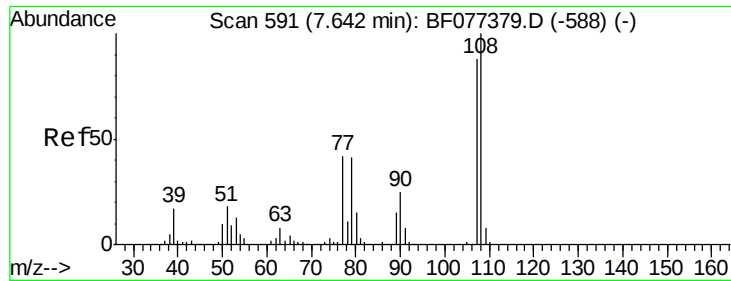
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 22.83 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.6
79	11.8	0.0	31.5





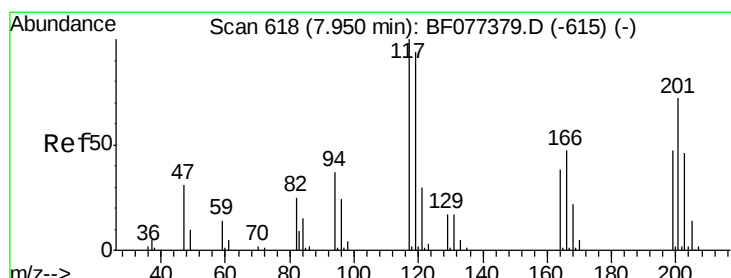
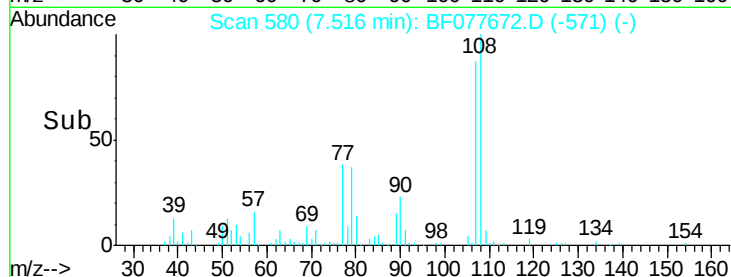
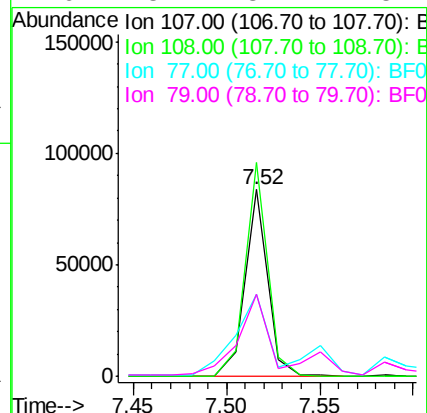
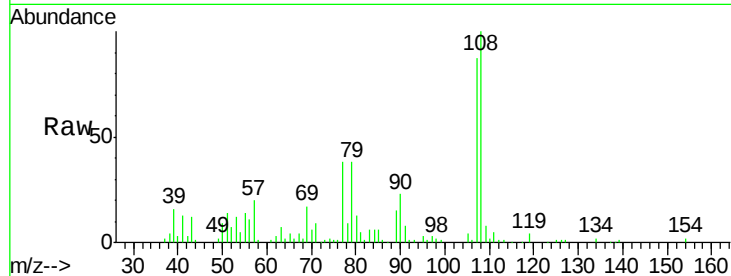
#17
2-Methylphenol
Concen: 24.67 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	114.6	91.2	136.8	
77	77	44.1	33.6	50.4	
79	79	43.7	32.1	48.1	

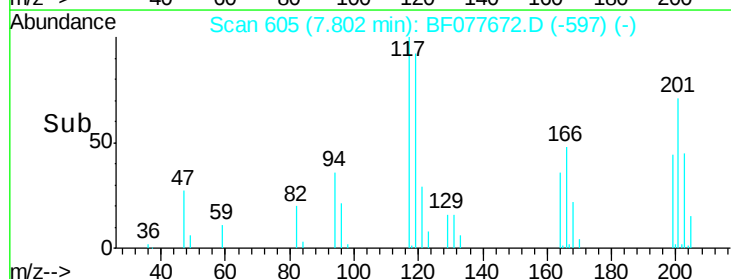
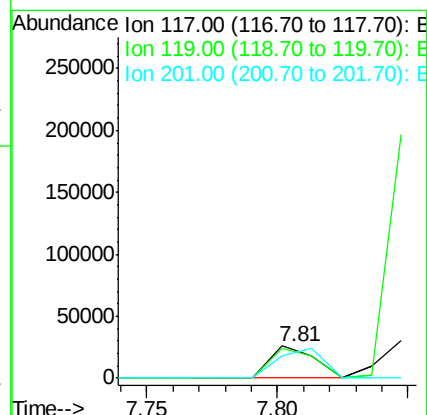
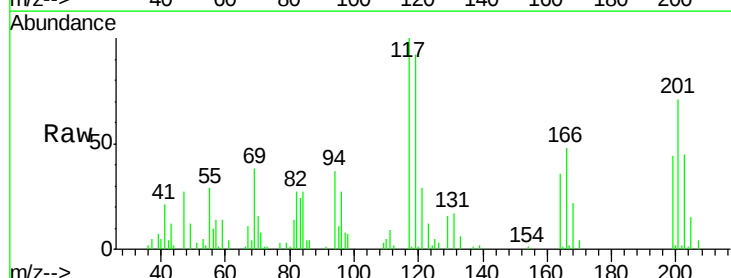
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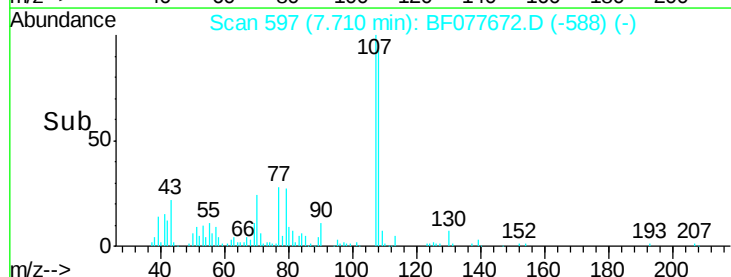
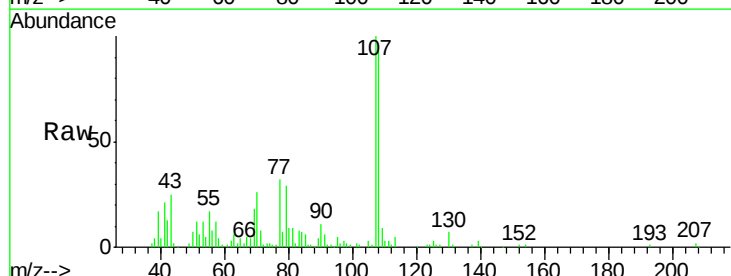
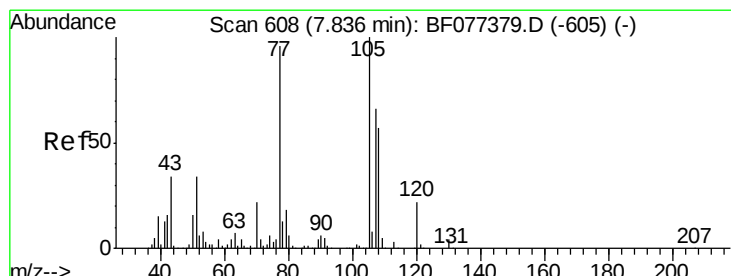
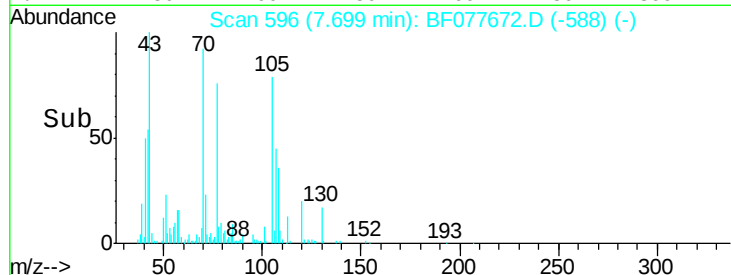
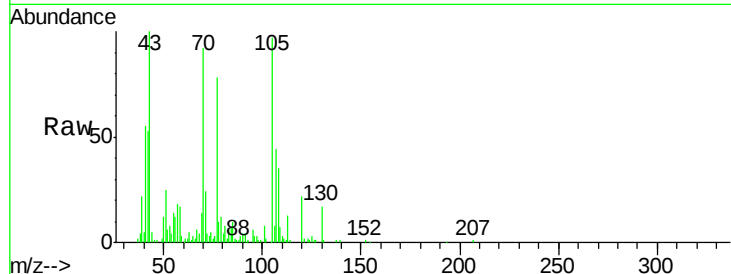
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#18
Hexachloroethane
Concen: 22.68 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	91.7	77.8	116.8	
201	201	71.2	90.6	136.0	#

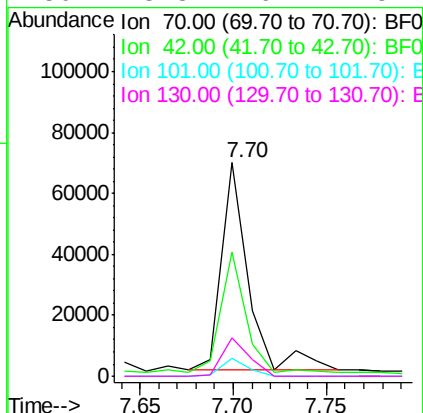




#19
n-Nitroso-di-n-propylamine
Concen: 27.37 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		69354		
42	58.1	48.3	72.5		
101	8.5	7.5	11.3		
130	18.3	16.7	25.1		

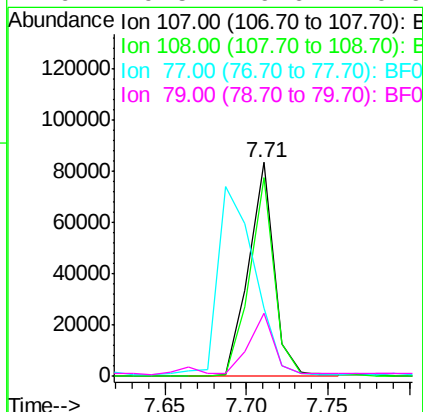


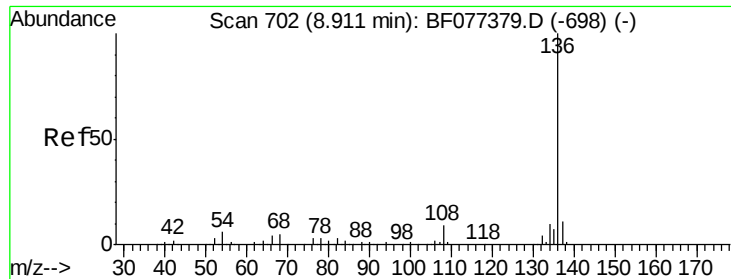
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#20
3+4-Methylphenols
Concen: 24.09 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		90782		
108	92.8	76.8	116.8		
77	31.9	65.8	105.8		
79	29.5	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

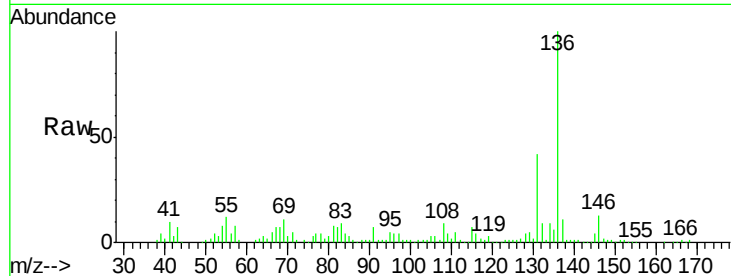
ClientSampleId :

B2(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	206902		
137	10.9		8.6	13.0
54	8.0		6.2	9.4
68	6.8		5.0	7.6

Manual Integrations
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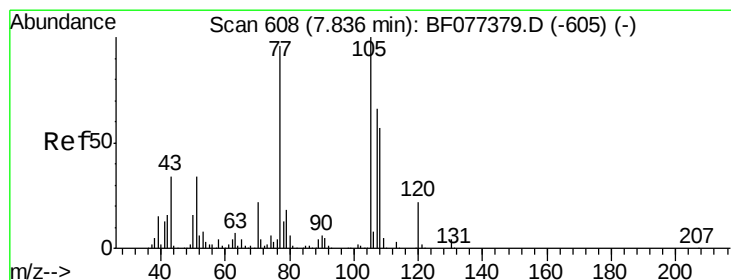
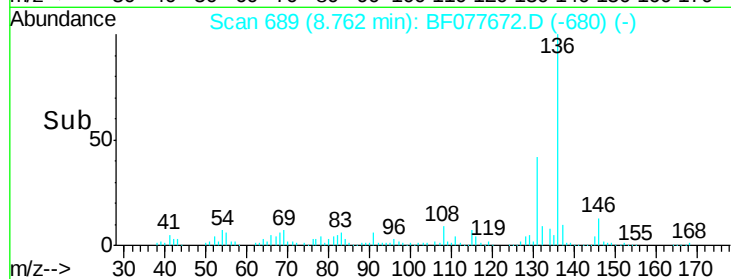
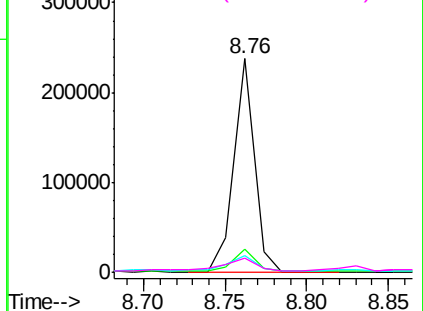


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.73 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

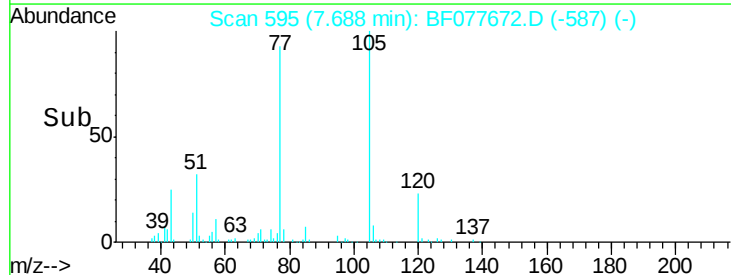
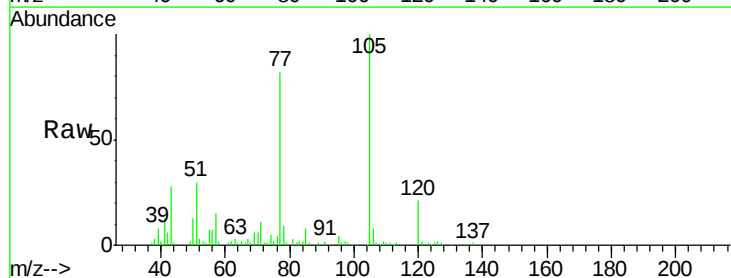
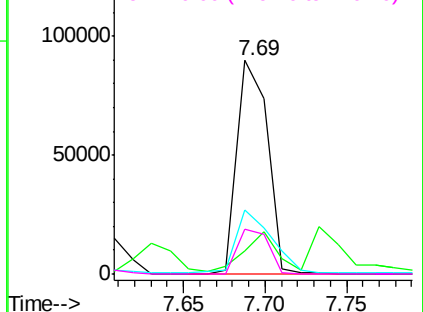
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	115501		
71	10.6		1.7	2.5#
51	30.0		30.7	46.1#
120	20.7		16.7	25.1

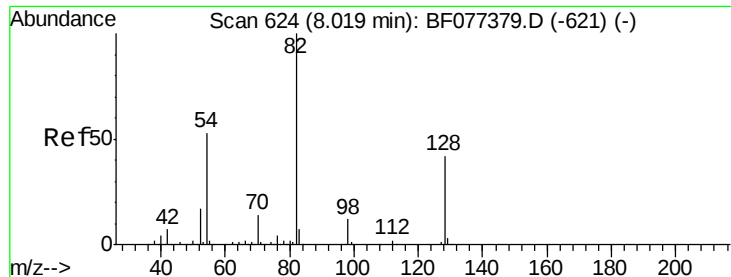
Abundance Ion 105.00 (104.70 to 105.70): E

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





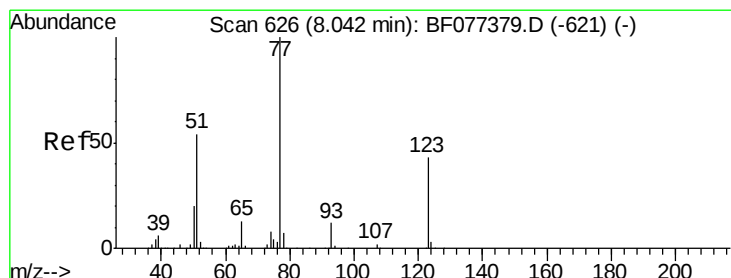
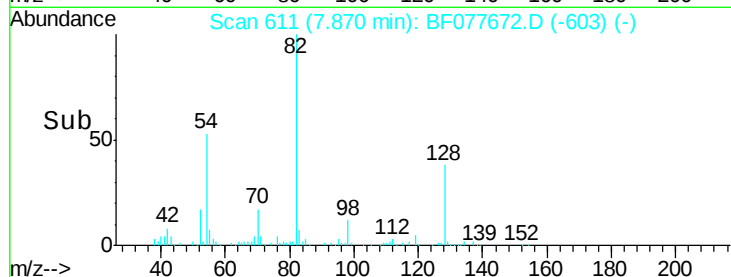
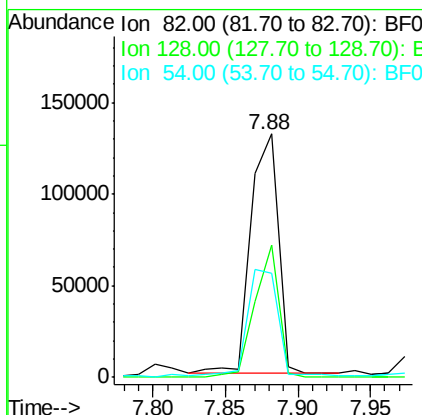
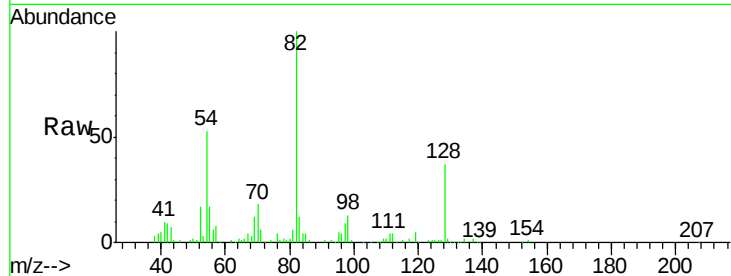
#23
 Nitrobenzene-d5
 Concen: 51.95 ng
 RT: 7.88 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	43.8	65.8#
54	53.1	36.7	55.1

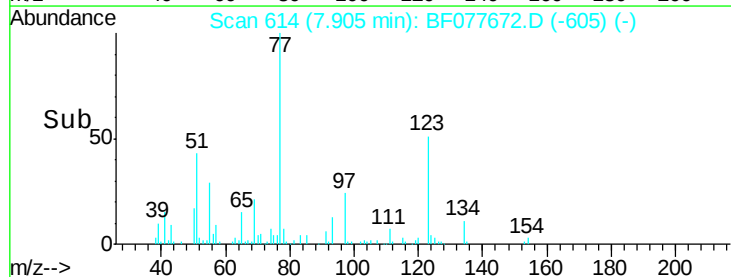
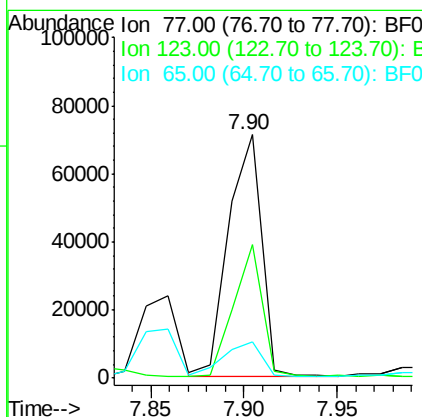
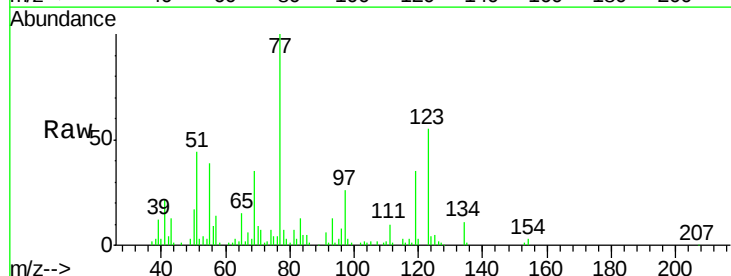
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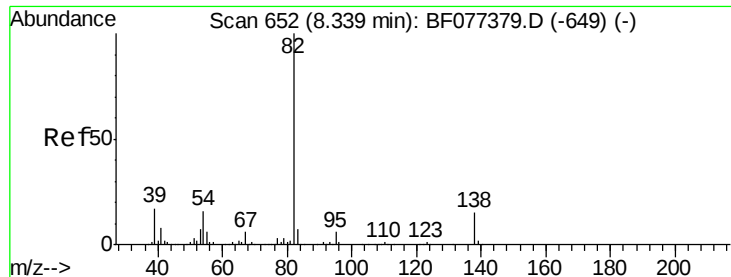
mohammad
 3/12/2015 2:22:00 PM



#24
 Nitrobenzene
 Concen: 25.01 ng
 RT: 7.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.9	45.9	68.9
65	14.7	9.5	14.3#





#25

Isophorone

Concen: 26.13 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

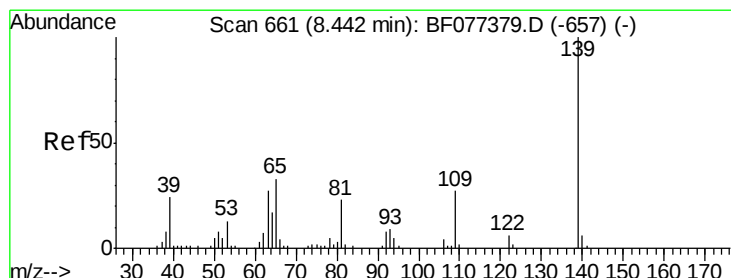
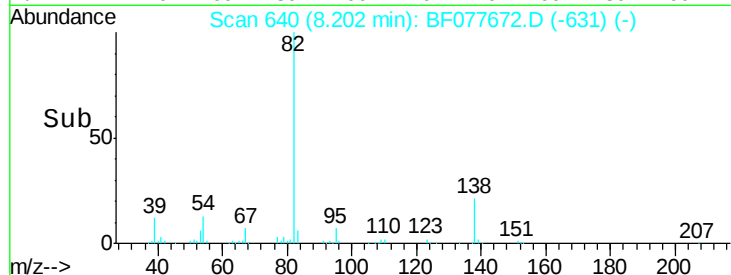
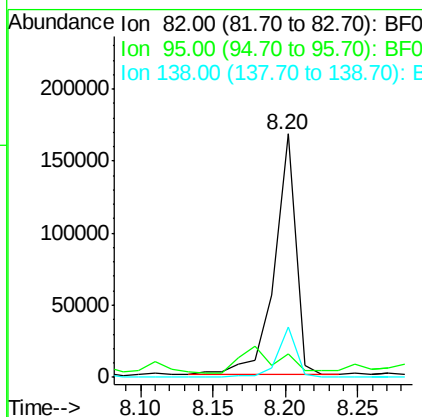
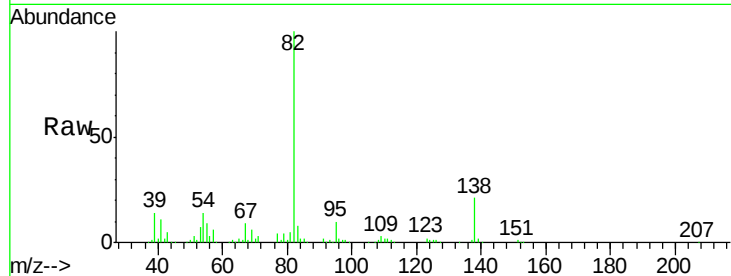
ClientSampleId :

B2(8-9)MSD

Tot Ion:	82	Resp:	172494
Ion Ratio	Lower	Upper	
82	100		
95	9.7	5.4	8.2#
138	20.6	16.3	24.5

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#26

2-Nitrophenol

Concen: 29.56 ng

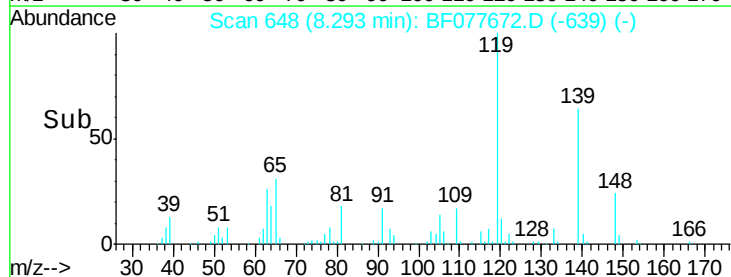
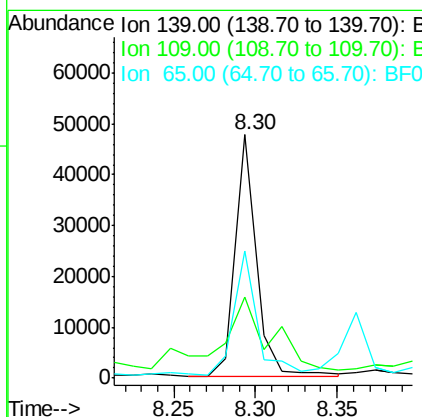
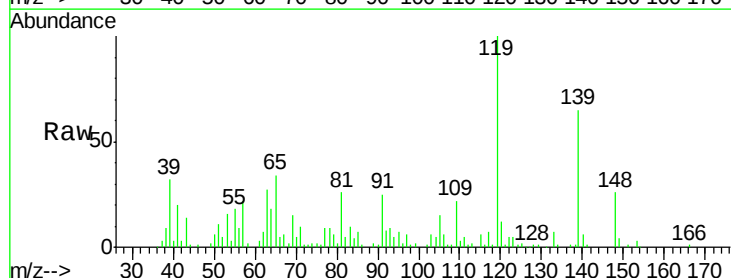
RT: 8.30 min Scan# 648

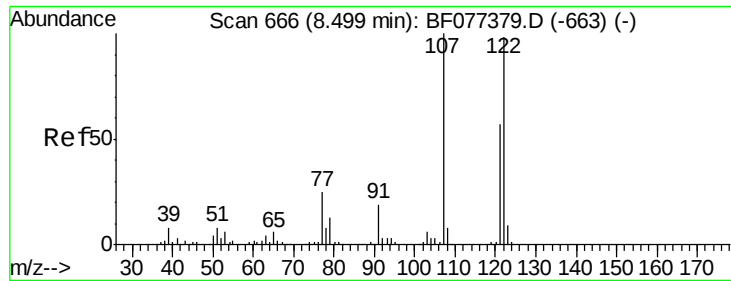
Delta R.T. 0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	139	Resp:	42412
Ion Ratio	Lower	Upper	
139	100		
109	33.0	22.6	34.0
65	52.4	36.4	54.6





#27

2,4-Dimethylphenol

Concen: 24.42 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

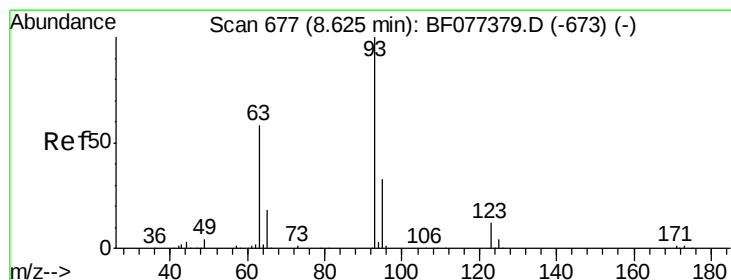
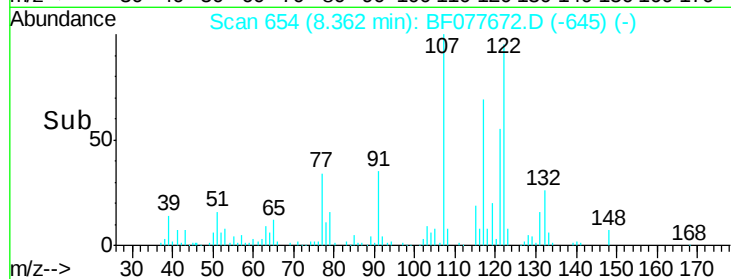
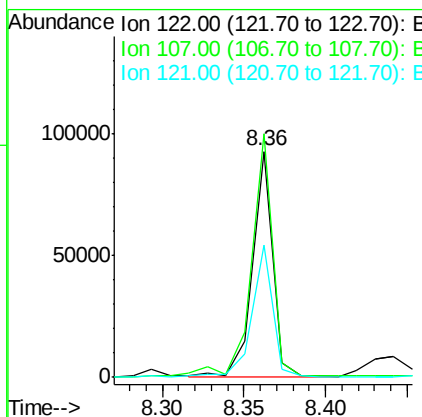
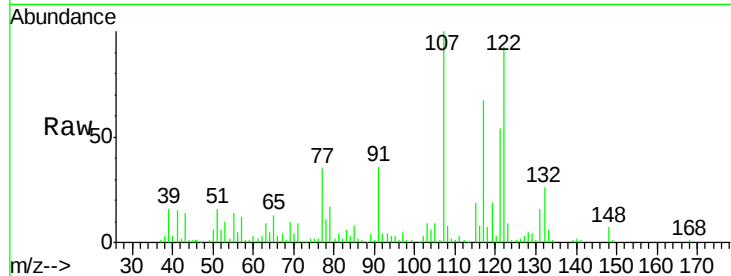
ClientSampleId :

B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.7	86.6	130.0
121	58.3	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 23.82 ng

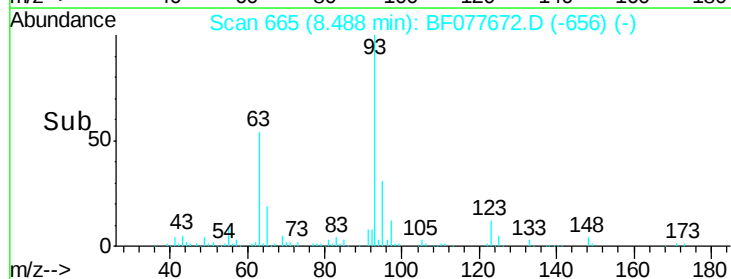
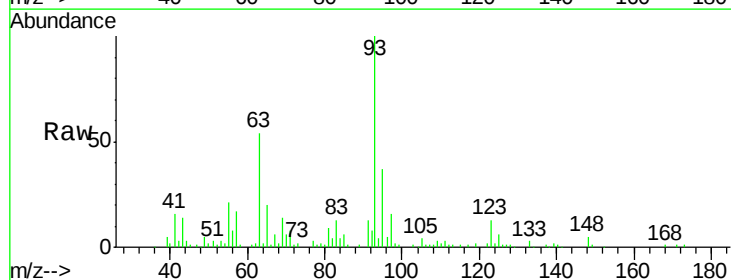
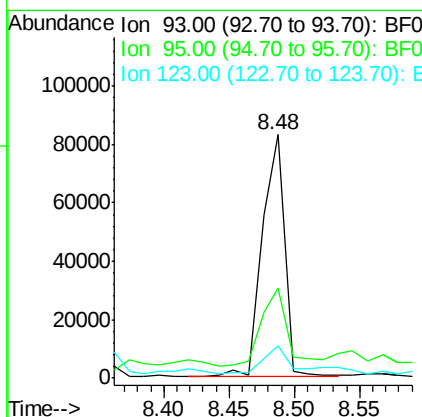
RT: 8.48 min Scan# 665

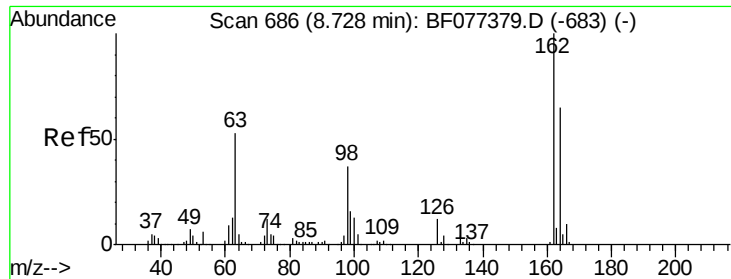
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.9	26.4	39.6
123	13.3	8.7	13.1#





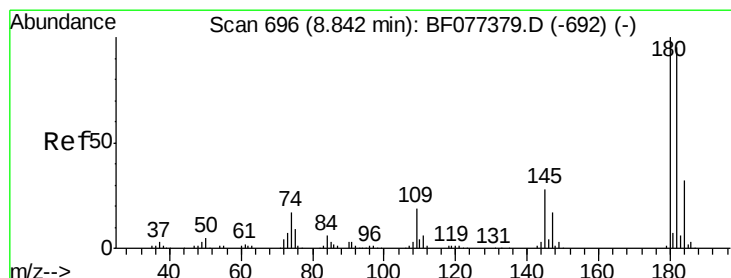
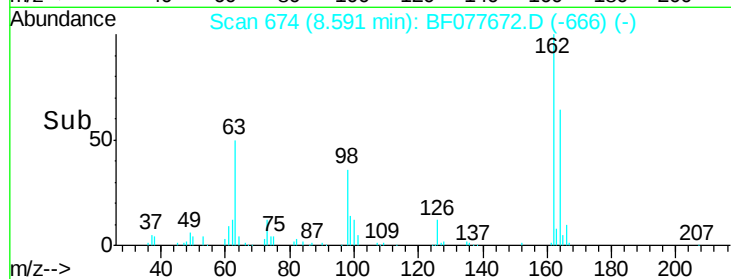
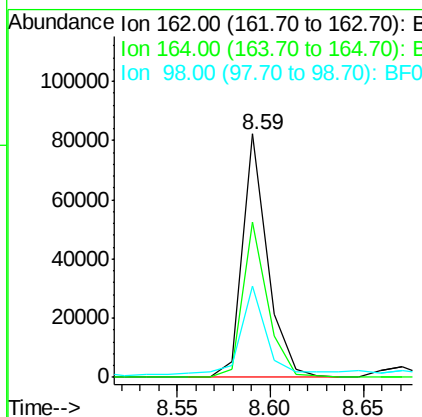
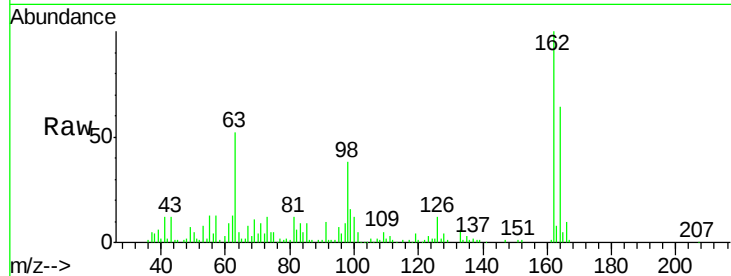
#29
2,4-Dichlorophenol
Concen: 25.49 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampled :
B2(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	76807		
164	63.8	46.4	86.4	
98	37.6	6.9	46.9	

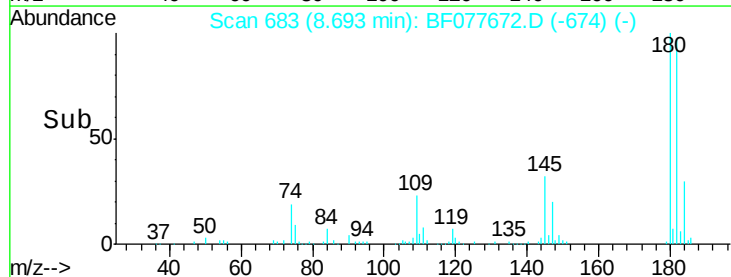
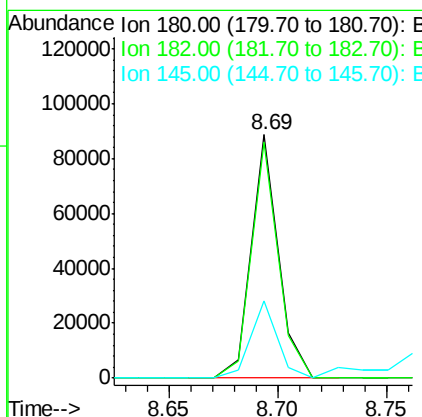
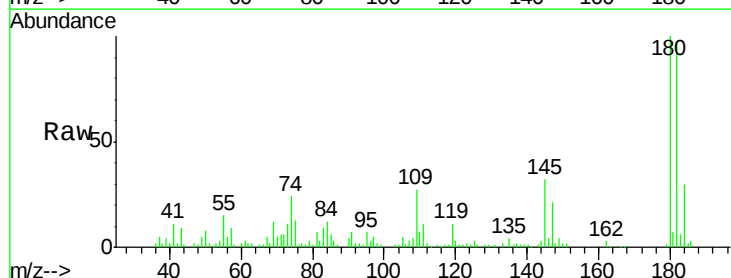
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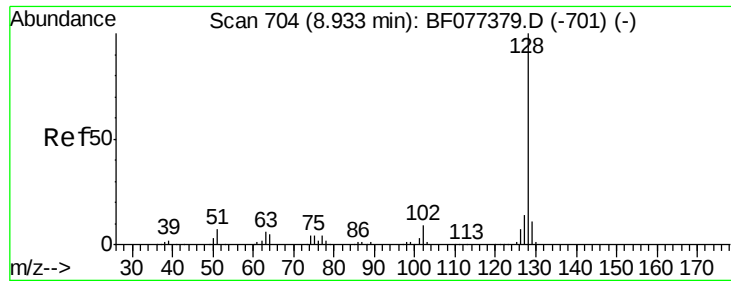
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#30
1,2,4-Trichlorobenzene
Concen: 23.20 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	76844		
182	96.9	76.2	114.4	
145	31.6	24.5	36.7	





#31

Naphthalene

Concen: 26.46 ng

RT: 8.79 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

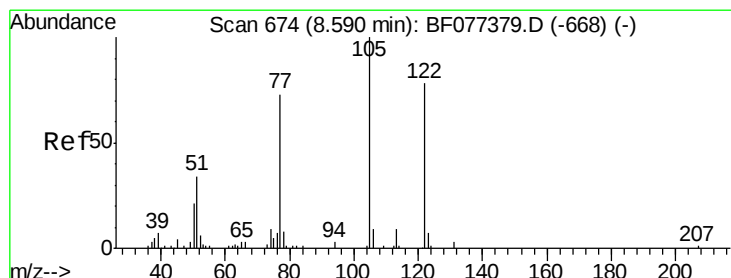
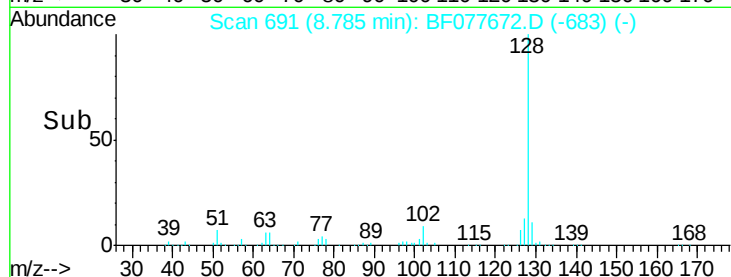
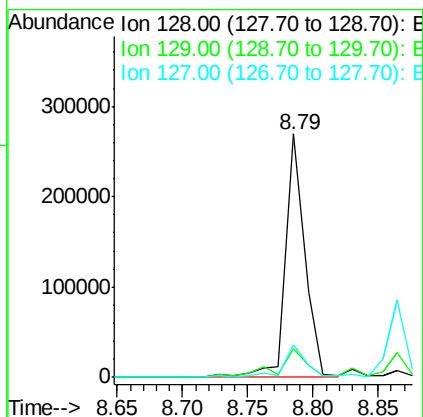
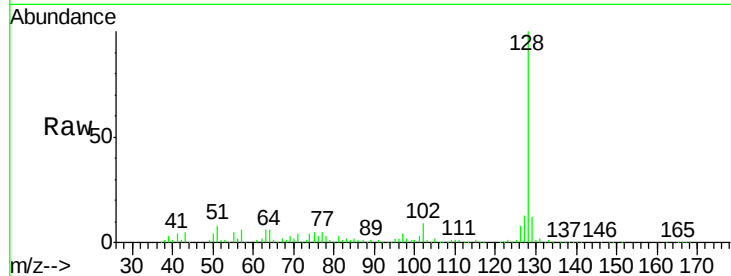
ClientSampleId :

B2(8-9)MSD

Tot Ion:	128	Resp:	273784
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.0
127	13.2	10.6	15.8

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#32

Benzoic acid

Concen: 11.44 ng

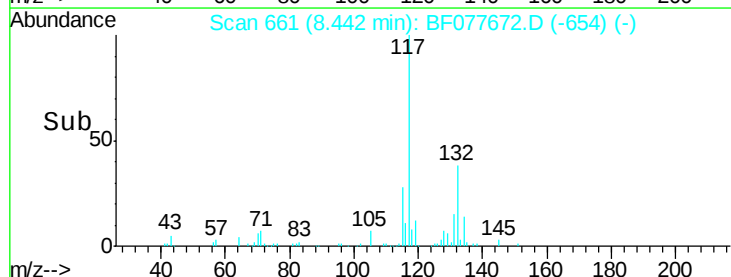
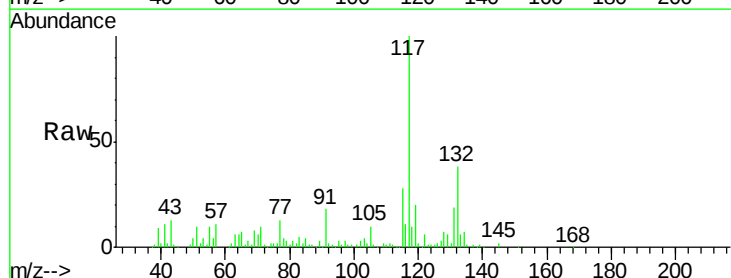
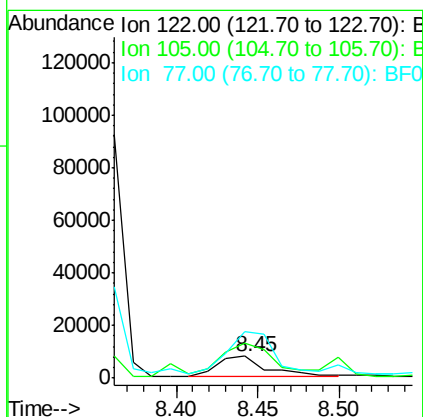
RT: 8.45 min Scan# 661

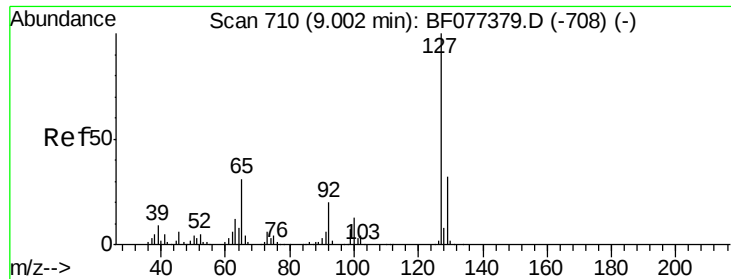
Delta R.T. -0.02 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	122	Resp:	17843
Ion Ratio	Lower	Upper	
122	100		
105	161.5	100.3	140.3#
77	215.3	68.7	108.7#





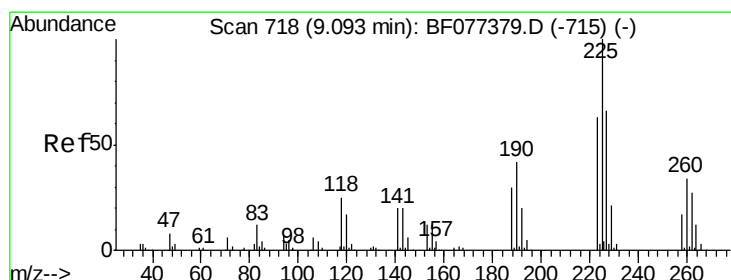
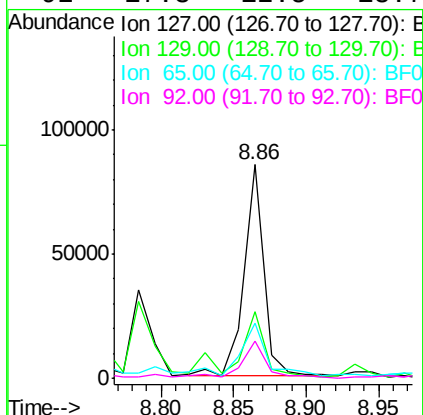
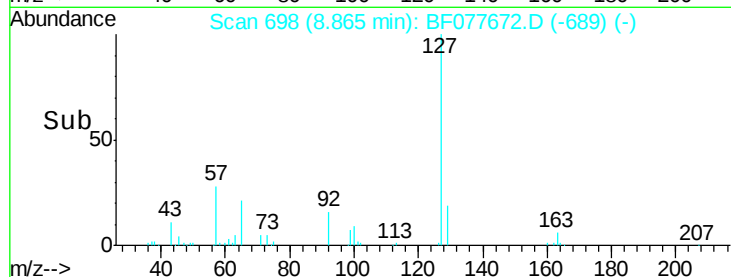
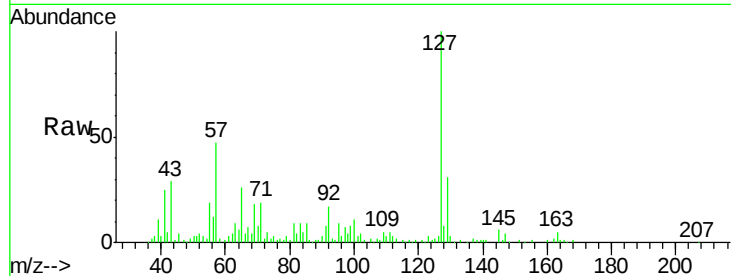
#33
4-Chloroaniline
Concen: 17.25 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.9	40.3
65	26.0	16.7	25.1#
92	17.3	12.5	18.7

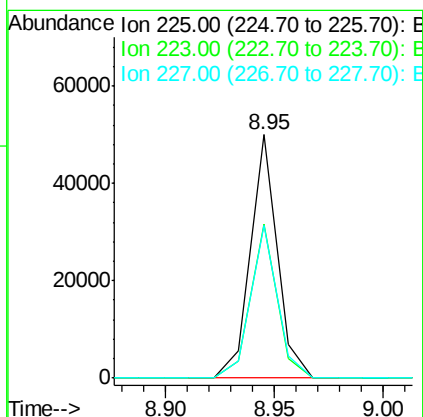
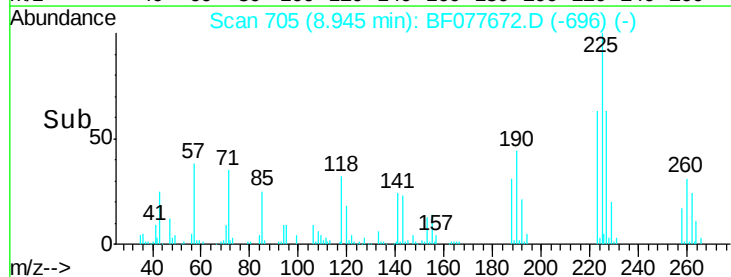
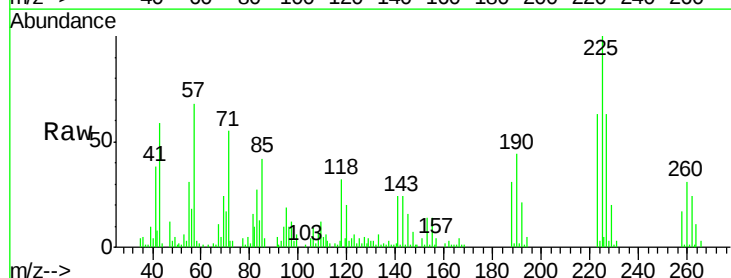
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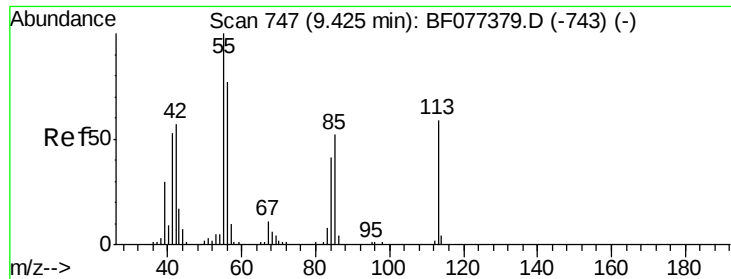
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#34
Hexachlorobutadiene
Concen: 22.64 ng
RT: 8.95 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	62.5	50.5	75.7





#35

Caprolactam

Concen: 25.17 ng

RT: 9.27 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

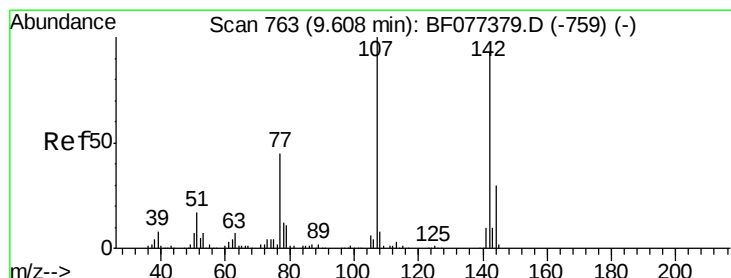
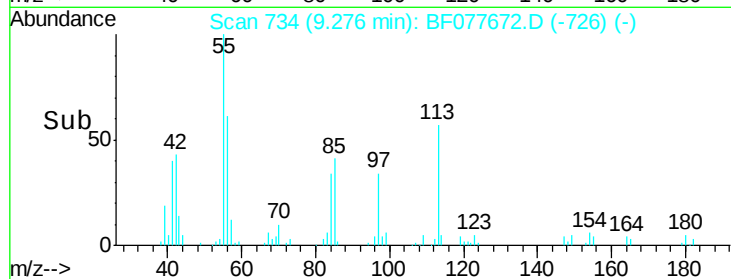
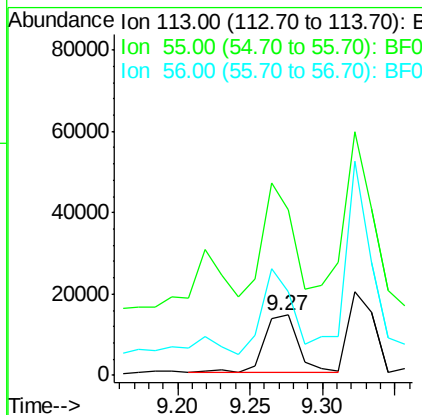
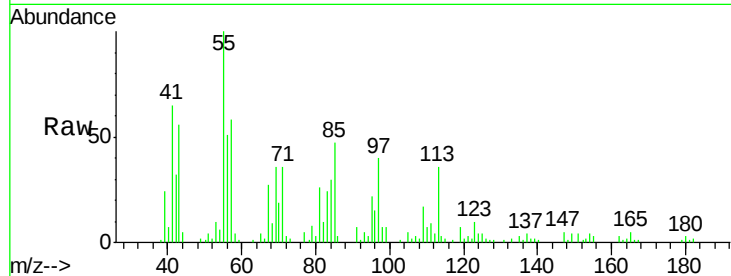
ClientSampleId :

B2(8-9)MSD

Tot Ion:	113	Resp:	23153
Ion	Ratio	Lower	Upper
113	100		
55	275.1	154.6	194.6#
56	139.4	114.0	154.0

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#36

4-Chloro-3-methylphenol

Concen: 25.04 ng

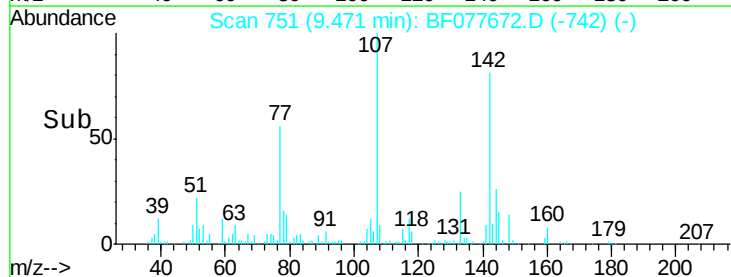
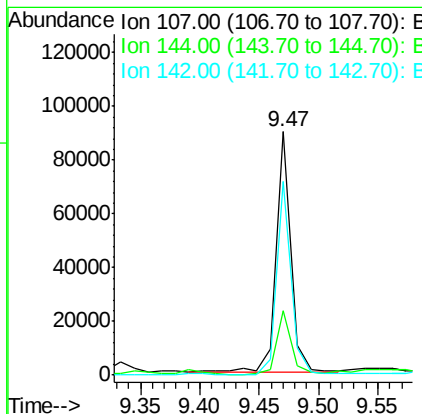
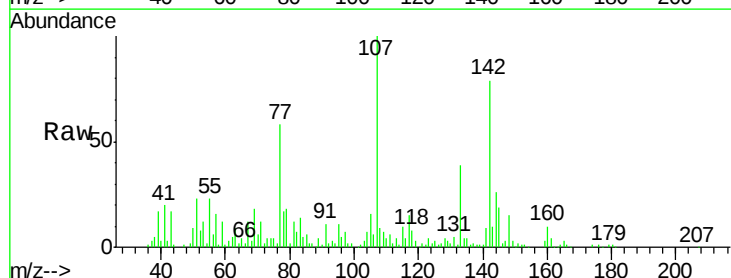
RT: 9.47 min Scan# 751

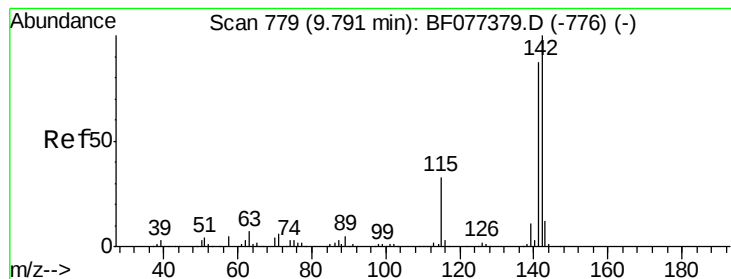
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	107	Resp:	75851
Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.1	31.7
142	79.5	65.3	97.9





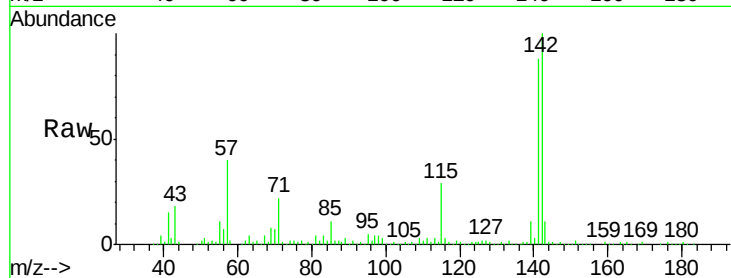
#37
2-Methylnaphthalene
Concen: 54.24 ng
RT: 9.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

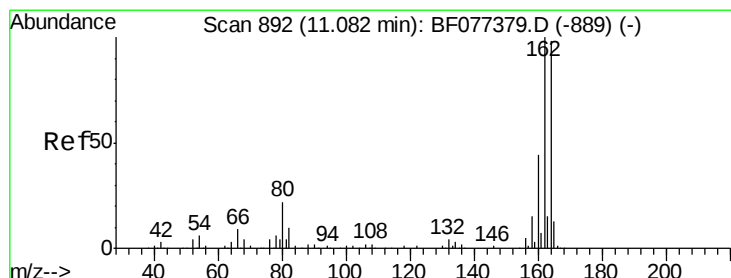
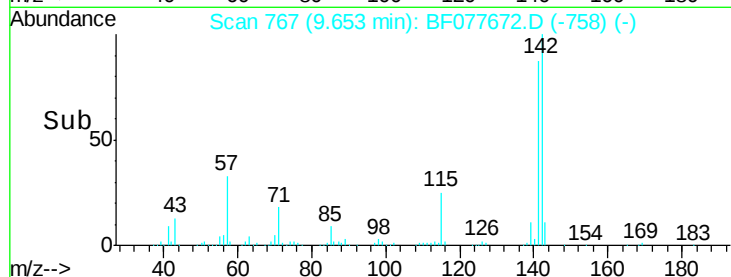
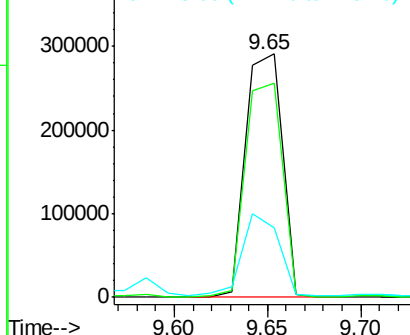
Tot Ion	Ratio	Resp	Lower	Upper
142	100	398565		
141	87.7	70.7	106.1	
115	28.6	24.2	36.4	

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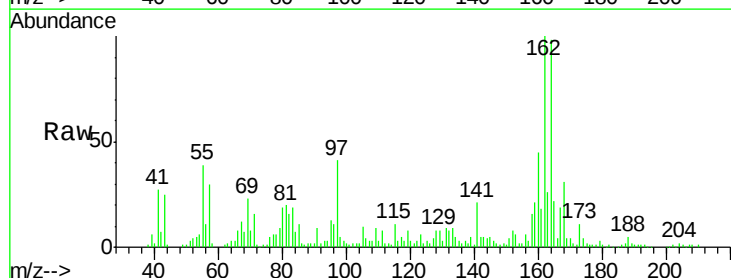


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

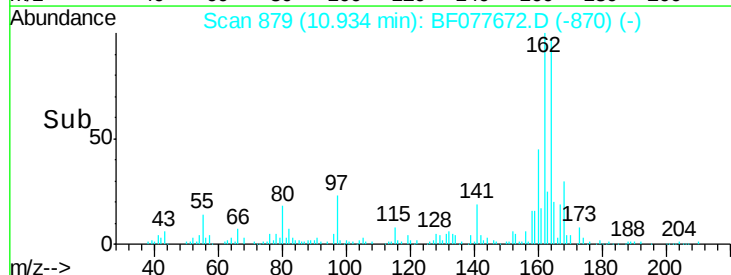
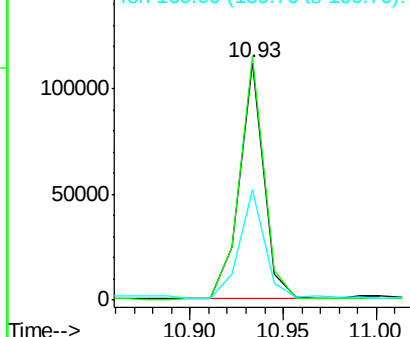


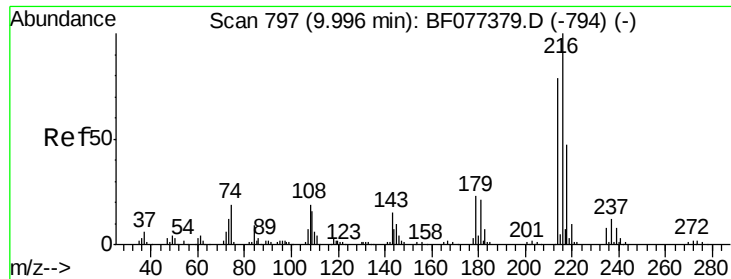
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102553		
162	102.5	83.2	124.8	
160	46.5	34.6	52.0	



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: 23.83 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

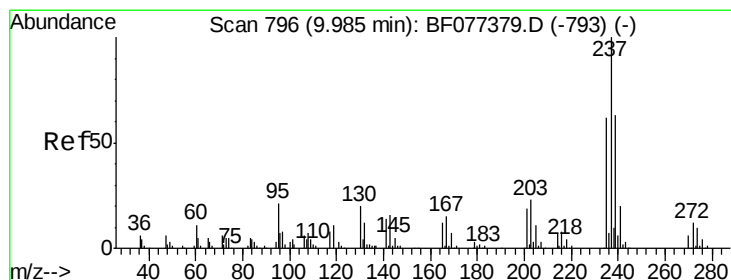
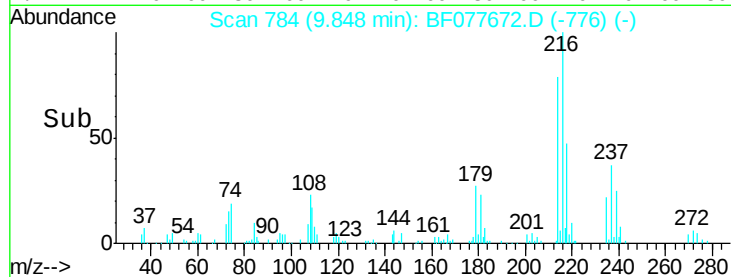
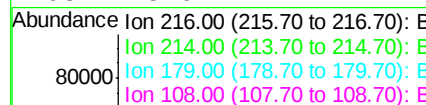
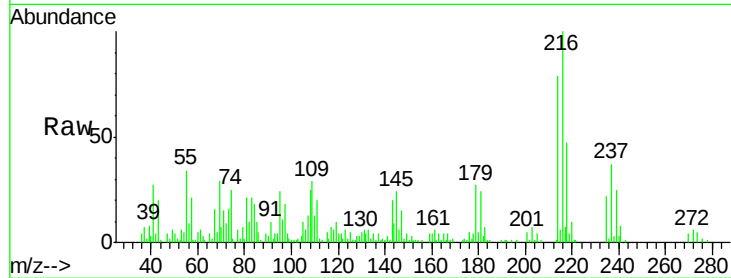
ClientSampleId :

B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.0
179	25.9	16.6	25.0
108	23.6	14.2	21.4

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#40

Hexachlorocyclopentadiene

Concen: 38.27 ng

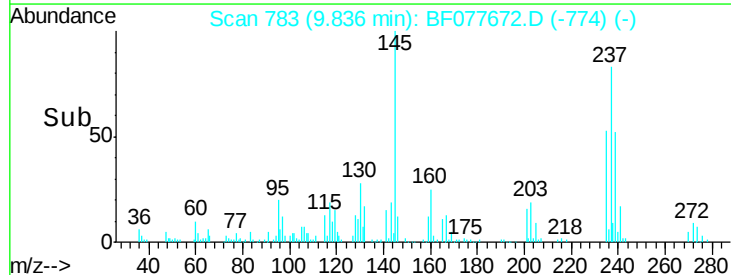
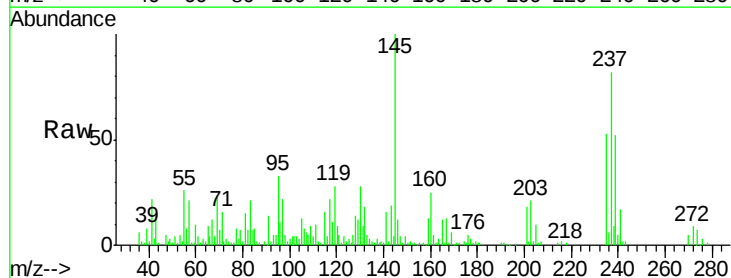
RT: 9.84 min Scan# 783

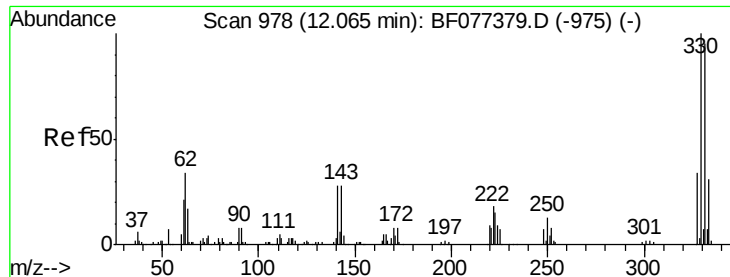
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.0	81.0
272	11.2	0.0	34.3





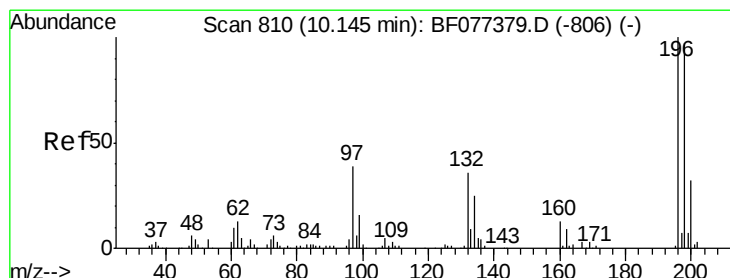
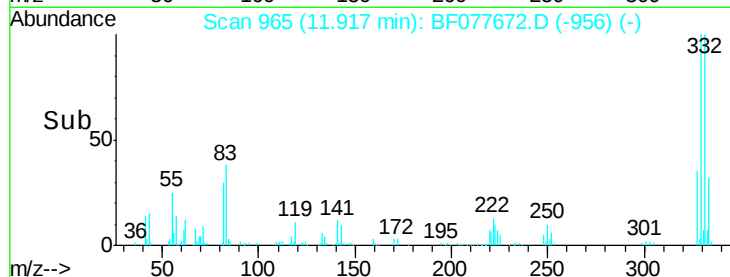
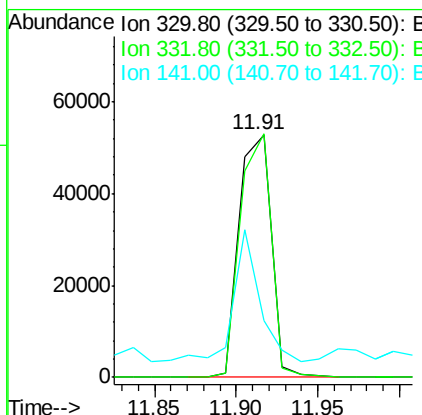
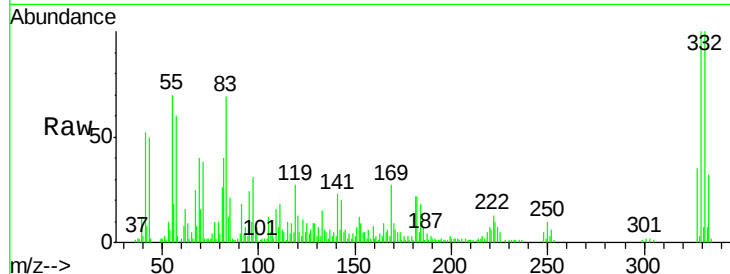
#41
 2,4,6-Tribromophenol
 Concen: 72.78 ng
 RT: 11.91 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	43.4	28.8	43.2#

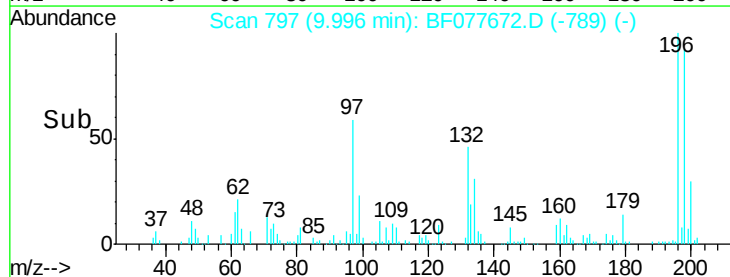
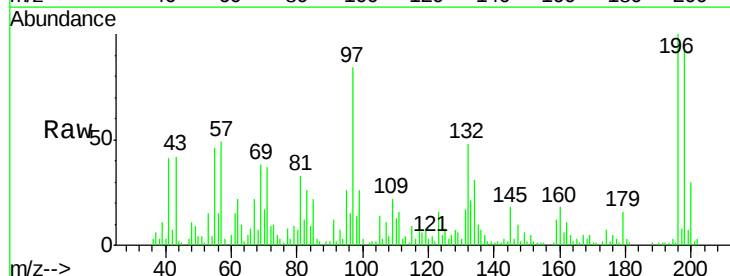
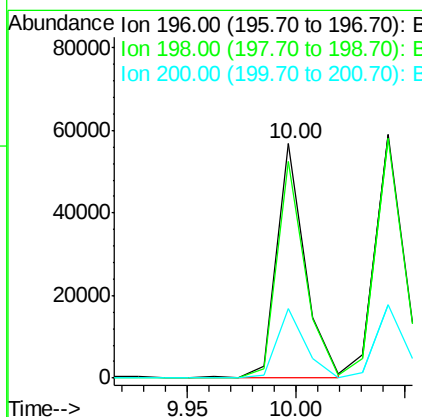
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#42
 2,4,6-Trichlorophenol
 Concen: 26.63 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.8	113.8
200	29.7	24.2	36.4





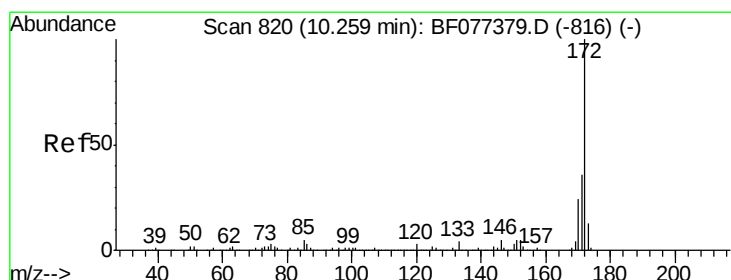
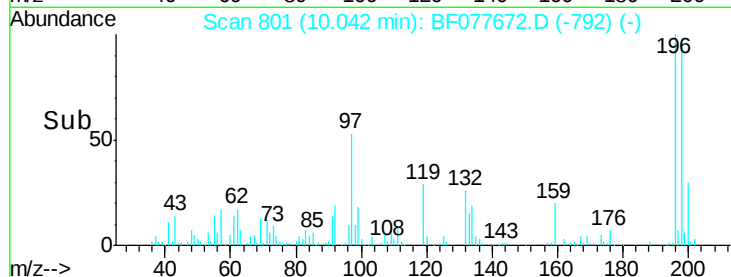
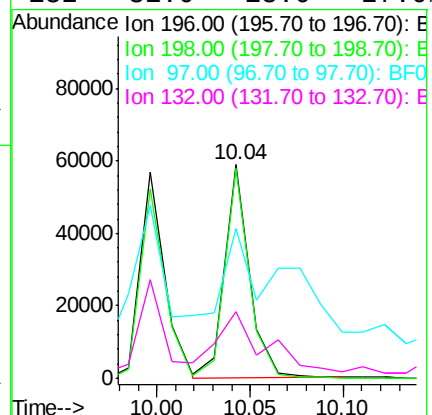
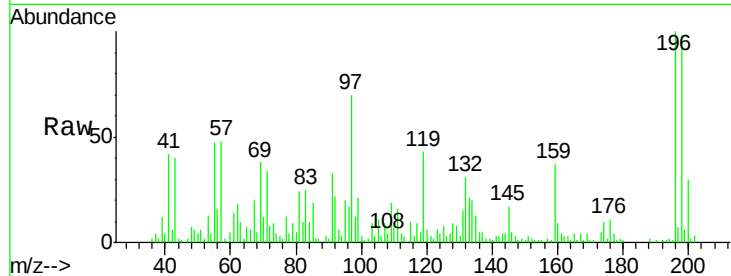
#43
2,4,5-Trichlorophenol
Concen: 26.14 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	77.2	115.8
97	70.2	27.7	41.5#
132	31.0	18.0	27.0#

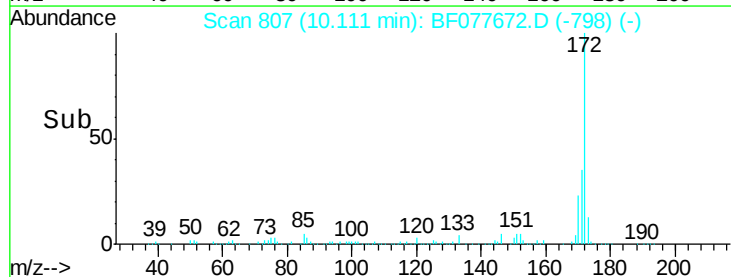
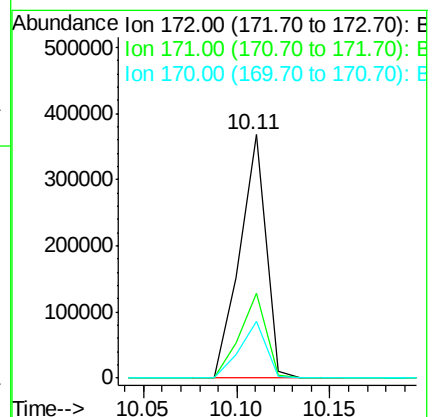
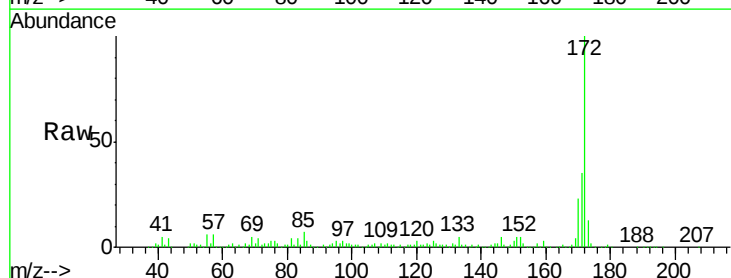
Manual Integrations
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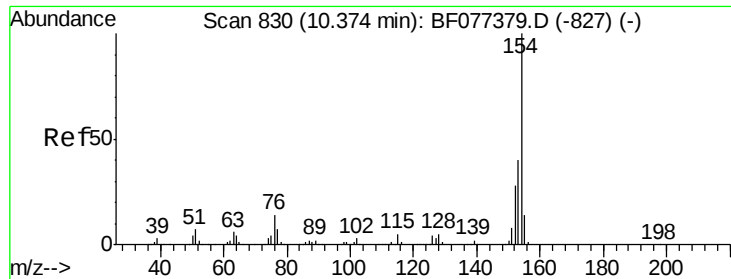
mohammad
3/12/2015 2:22:00 PM



#44
2-Fluorobiphenyl
Concen: 55.53 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.4	19.4	29.2





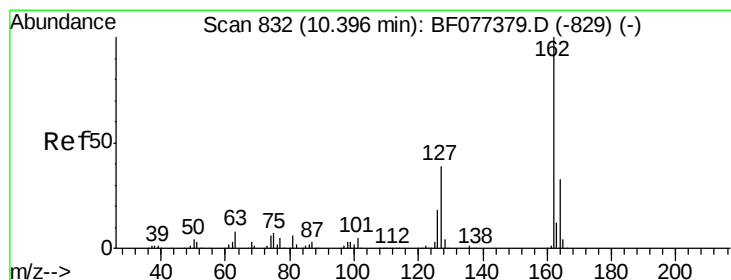
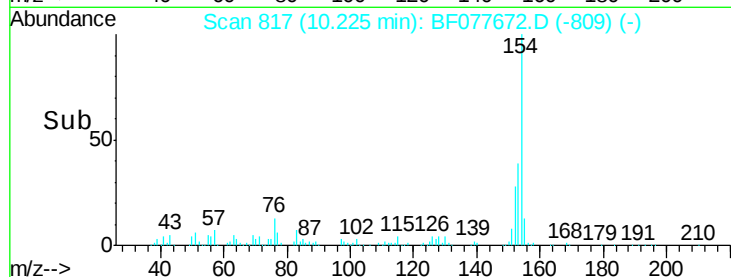
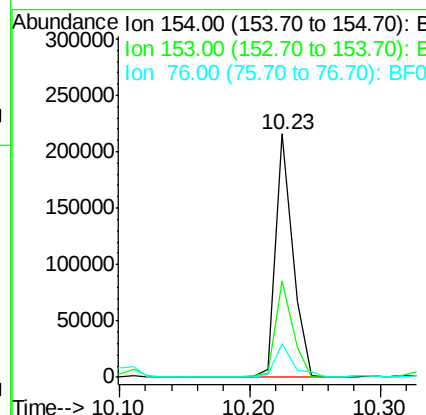
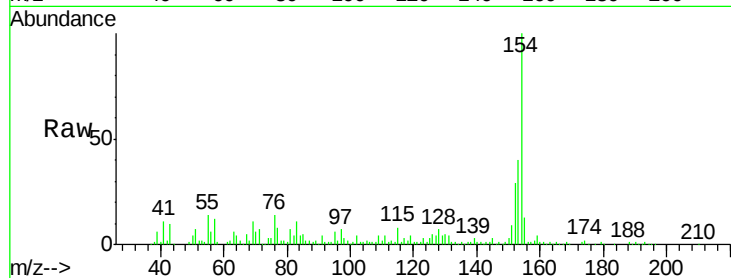
#45
1,1'-Biphenyl
Concen: 25.73 ng
RT: 10.23 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion:	154	Resp:	199912
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.2	60.2
76	13.7	0.0	29.4

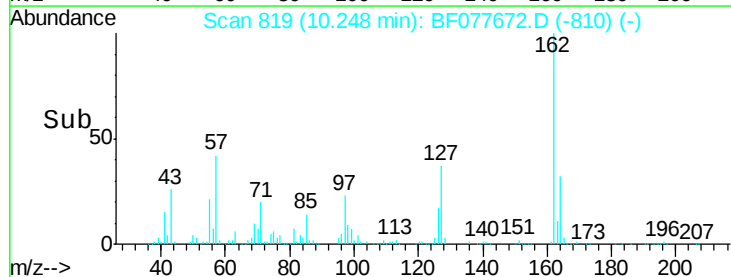
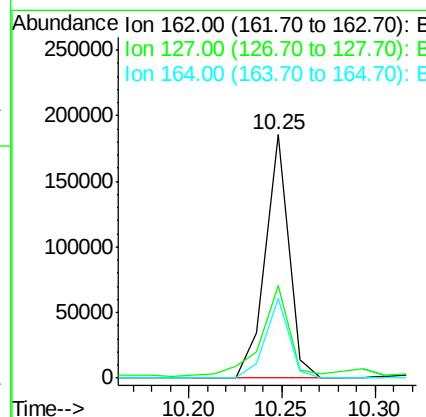
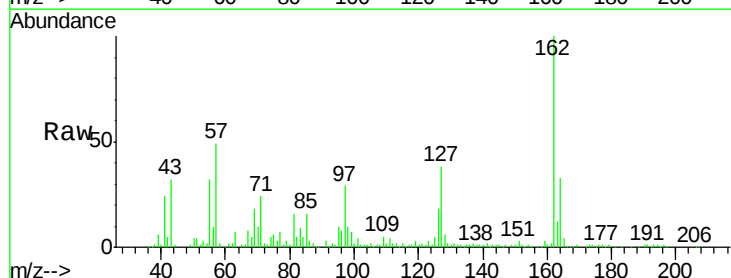
Manual Integrations
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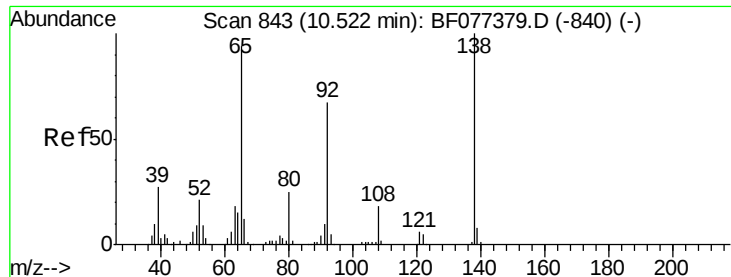
mohammad
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#46
2-Chloronaphthalene
Concen: 26.55 ng
RT: 10.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:	162	Resp:	161755
Ion Ratio	Lower	Upper	
162	100		
127	38.3	33.3	49.9
164	32.6	26.2	39.4





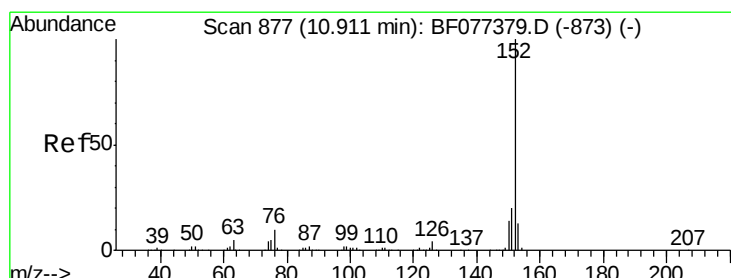
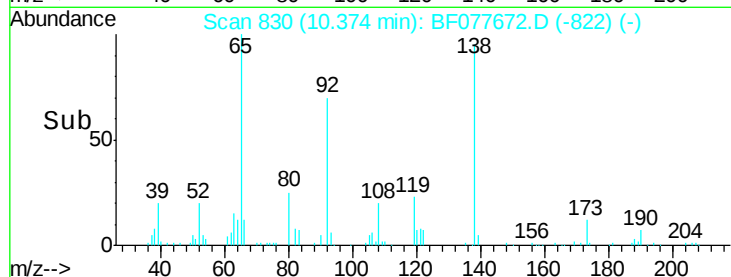
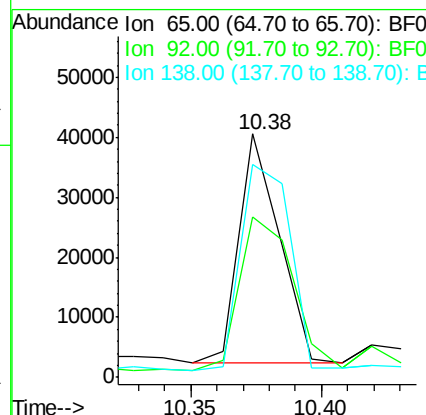
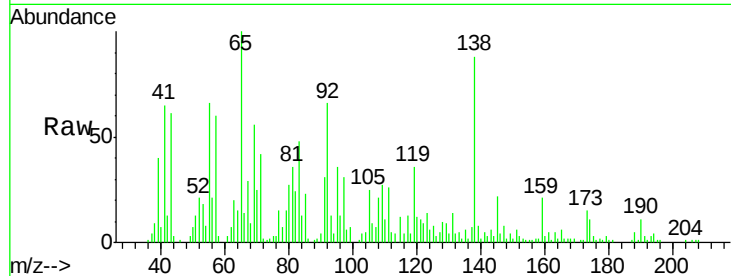
#47
2-Nitroaniline
Concen: 27.65 ng
RT: 10.38 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	87.6	73.4	110.0

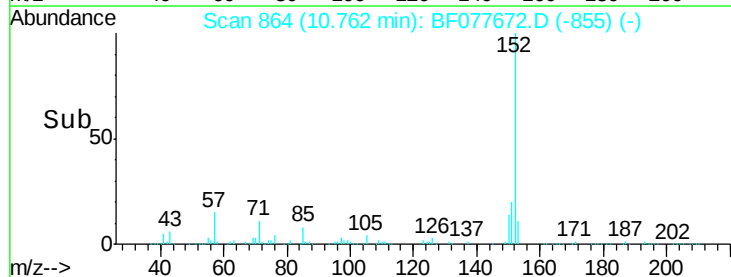
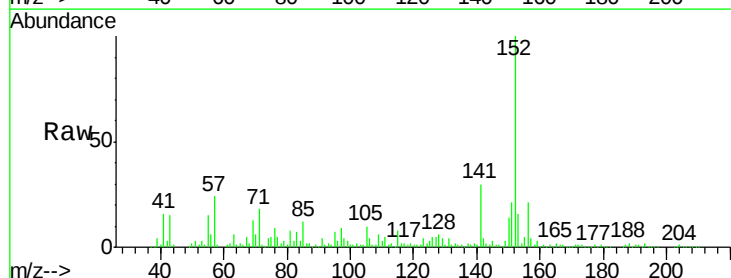
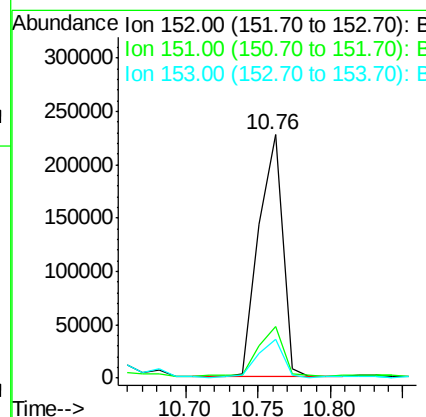
Manual Integrations
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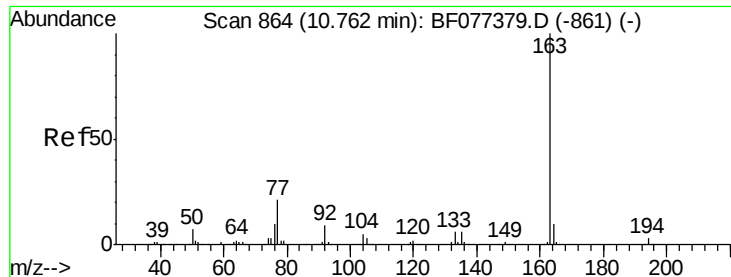
mohammad
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#48
Acenaphthylene
Concen: 27.22 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.1	24.1
153	15.9	10.9	16.3





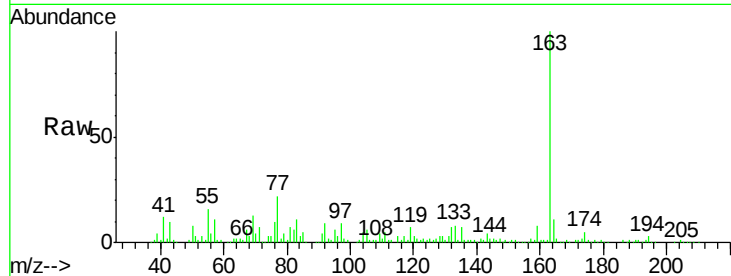
#49
Dimethylphthalate
Concen: 27.01 ng
RT: 10.62 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	194696		
194	3.4	2.6	4.0	
164	10.7	8.6	13.0	

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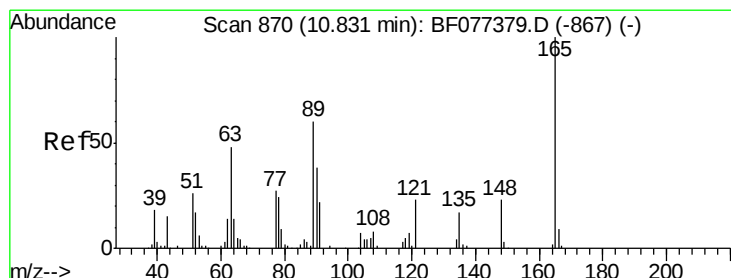
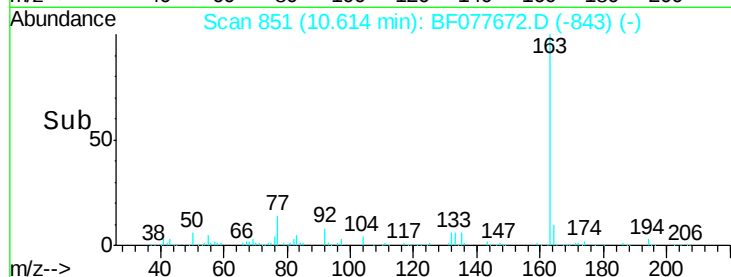
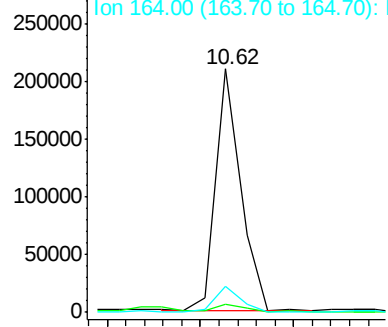


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 27.10 ng
RT: 10.69 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

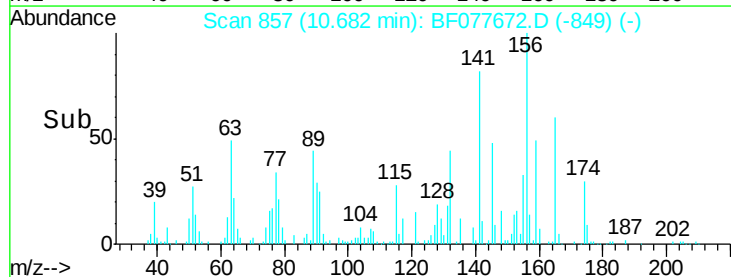
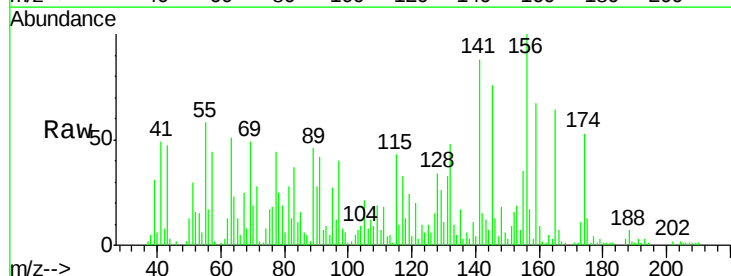
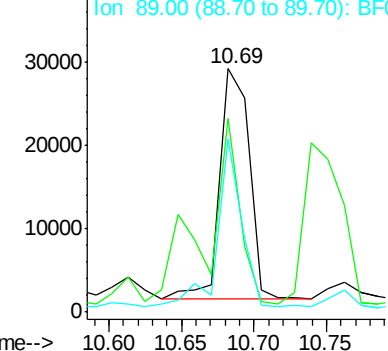
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	39173		
63	79.7	25.2	37.8#	
89	71.2	30.5	45.7#	

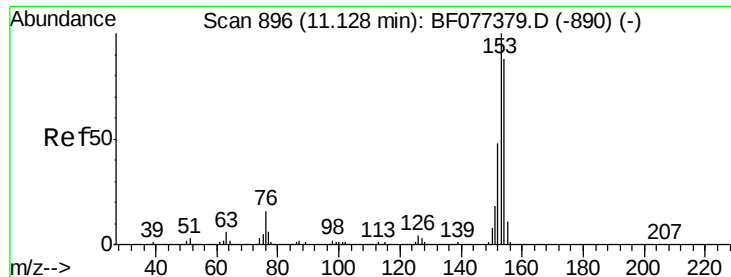
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.75 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

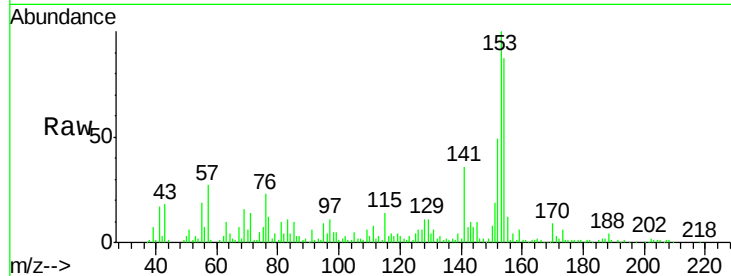
ClientSampleId :

B2(8-9)MSD

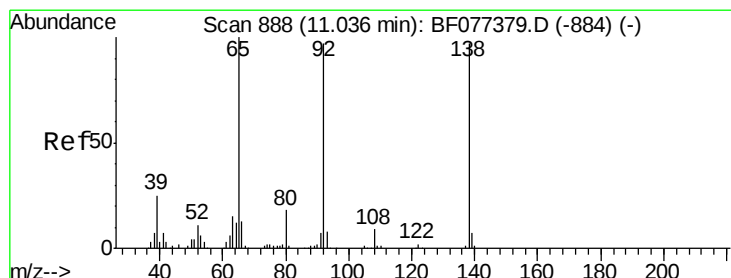
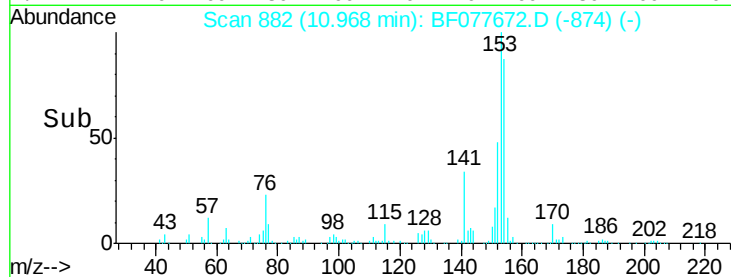
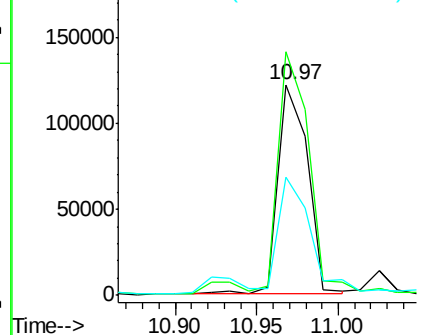
Tot Ion:	154	Resp:	153960
Ion Ratio	Lower	Upper	
154	100		
153	115.5	90.5	135.7
152	56.3	43.5	65.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.53 ng

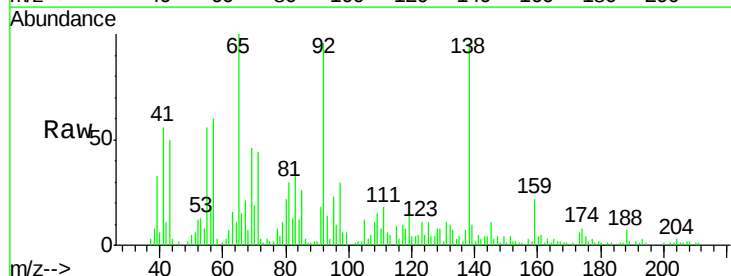
RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

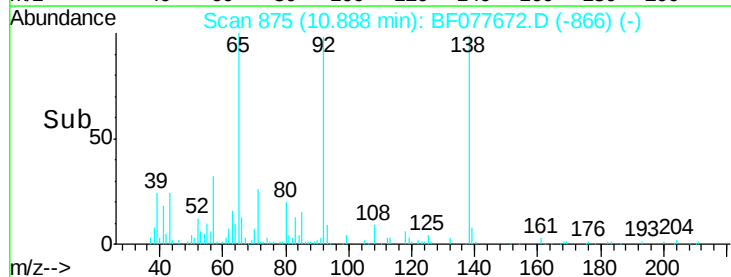
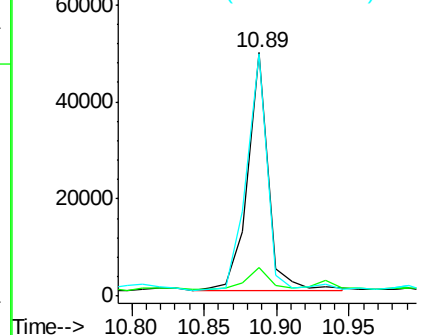
Lab File: BF077672.D

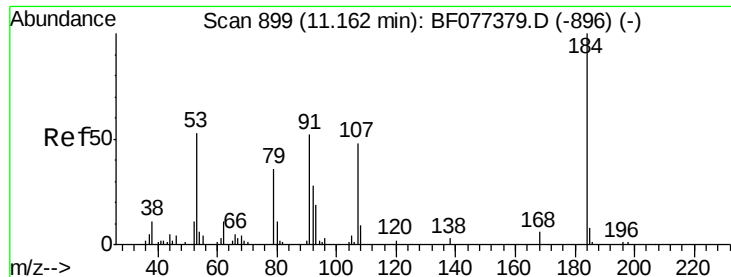
Acq: 10 Mar 2015 20:32

Tgt Ion:	138	Resp:	49222
Ion Ratio	Lower	Upper	
138	100		
108	11.5	7.8	11.8
92	99.5	90.6	135.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





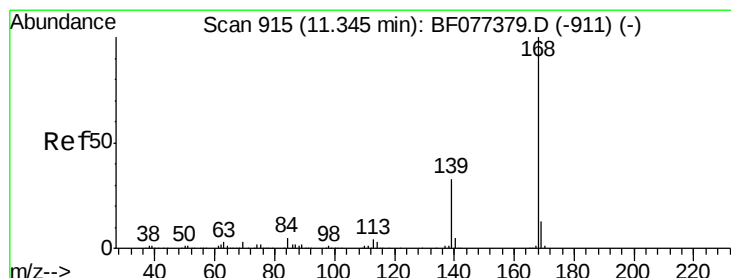
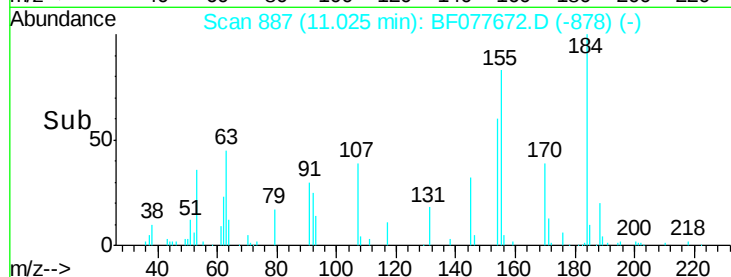
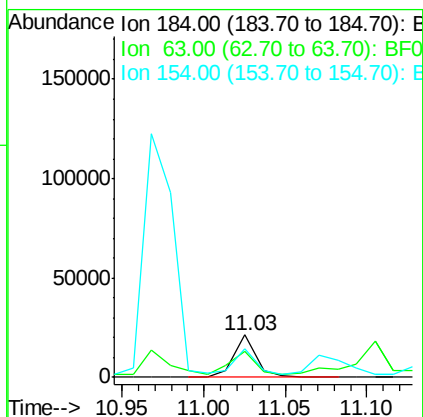
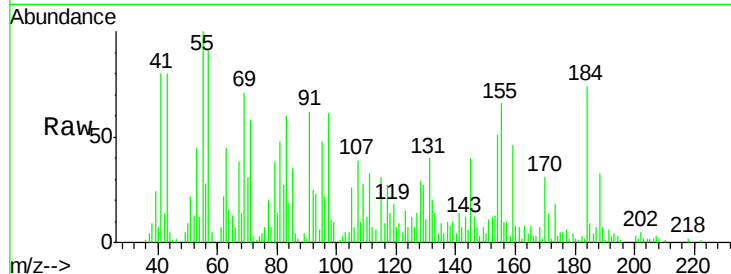
#53
2,4-Dinitrophenol
Concen: 45.79 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.3	29.5	44.3#
154	68.2	43.2	64.8#

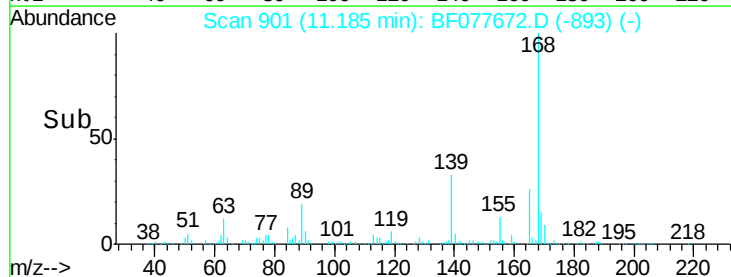
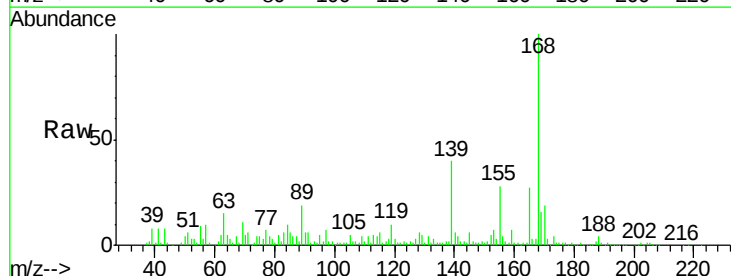
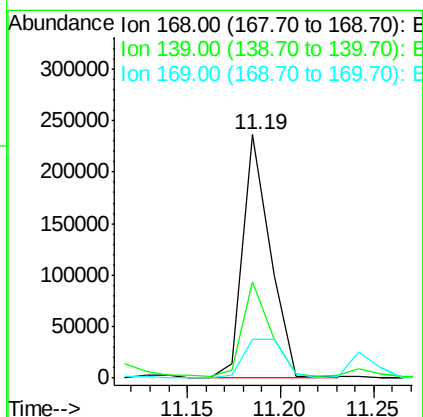
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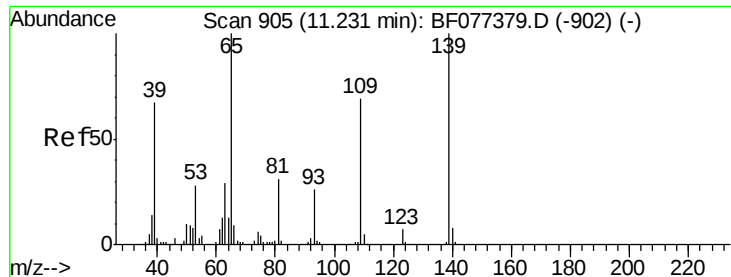
mohammad
3/12/2015 2:22:00 PM



#54
Dibenzofuran
Concen: 27.17 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	29.3	43.9
169	15.8	10.9	16.3





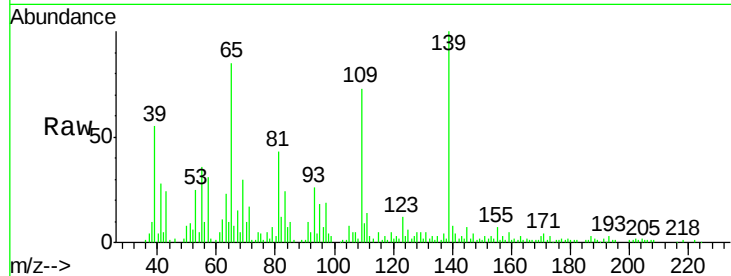
#55
4-Nitrophenol
Concen: 61.23 ng
RT: 11.10 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.6	36.2	76.2	
65	84.8	40.3	80.3	

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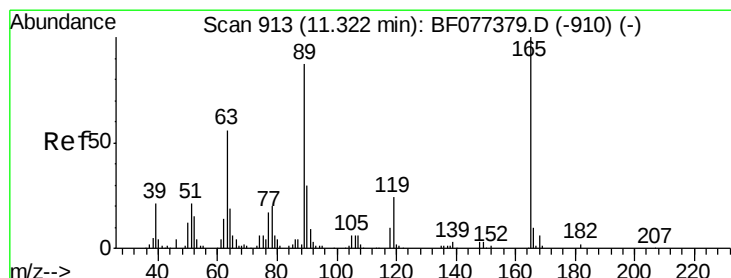
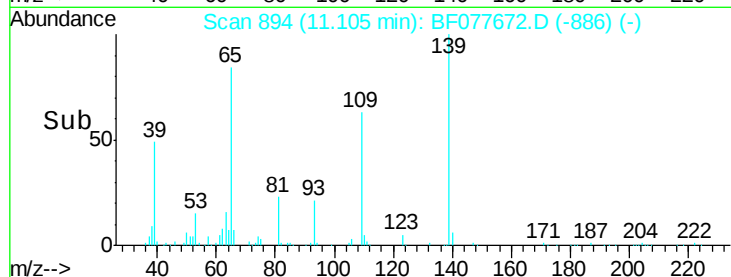
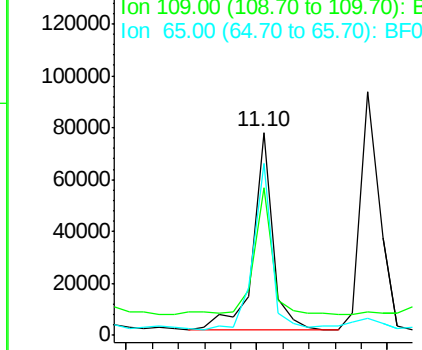


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 31.58 ng
RT: 11.19 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.0	29.8	44.8	
89	69.6	48.5	72.7	
182	5.3	1.9	2.9	

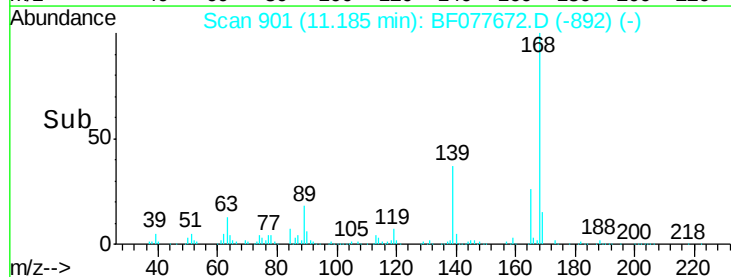
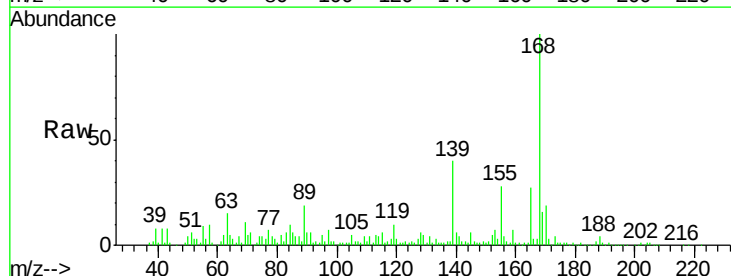
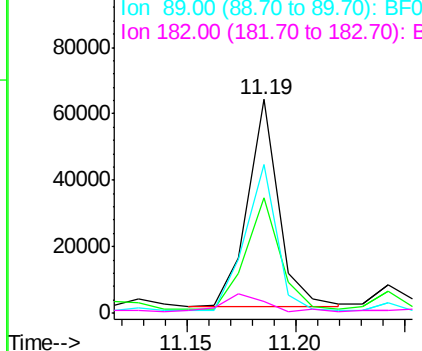
Abundance

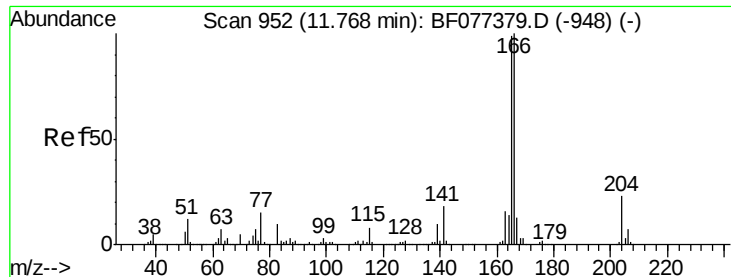
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.19 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

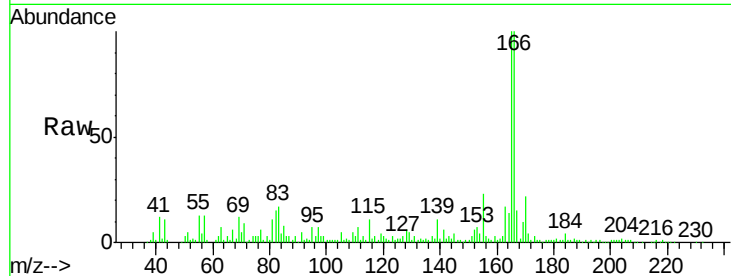
ClientSampleId :

B2(8-9)MSD

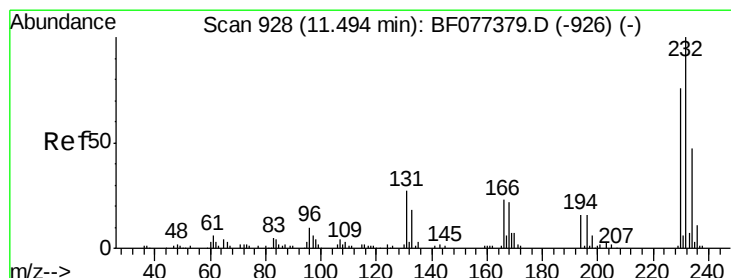
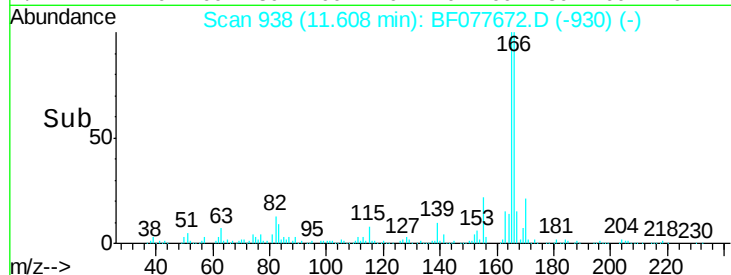
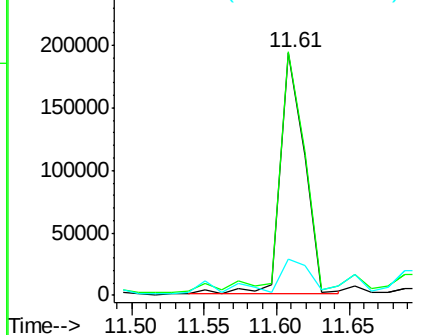
Tot Ion:	166	Resp:	221627
Ion Ratio	Lower	Upper	
166	100		
165	100.4	77.6	116.4
167	15.2	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.43 ng

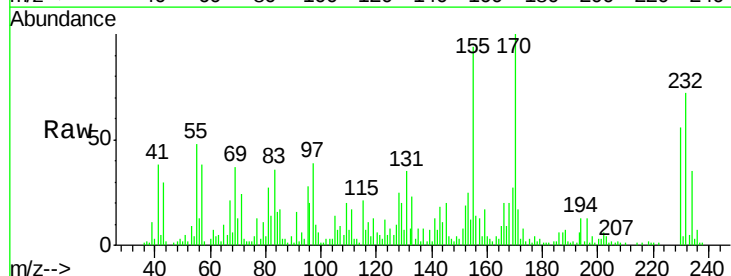
RT: 11.34 min Scan# 915

Delta R.T. -0.00 min

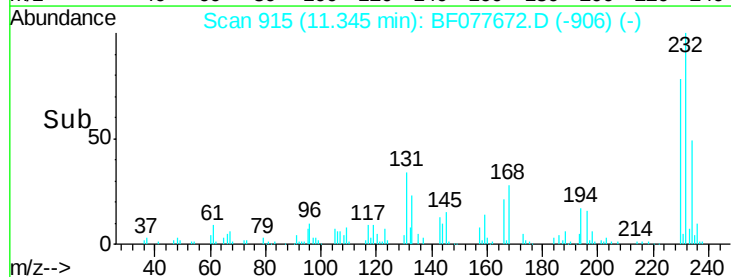
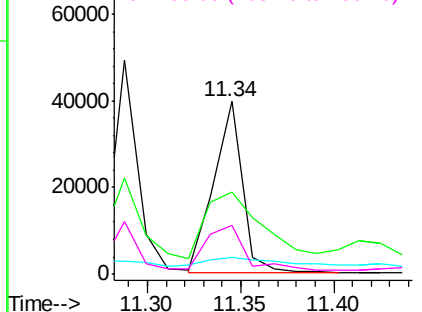
Lab File: BF077672.D

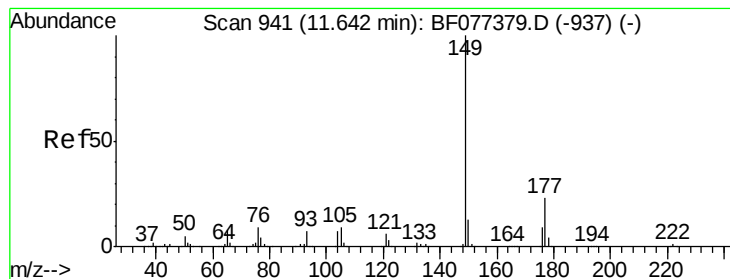
Acq: 10 Mar 2015 20:32

Tgt Ion:	232	Resp:	42603
Ion Ratio	Lower	Upper	
232	100		
131	76.3	34.2	51.2#
130	13.1	1.8	2.6#
166	34.5	24.3	36.5



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 25.39 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

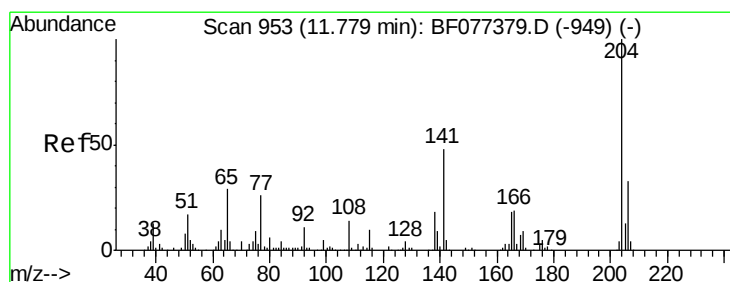
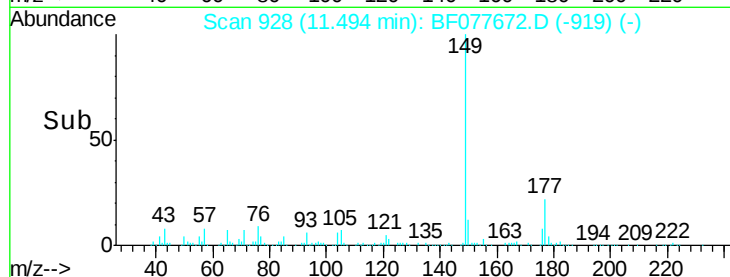
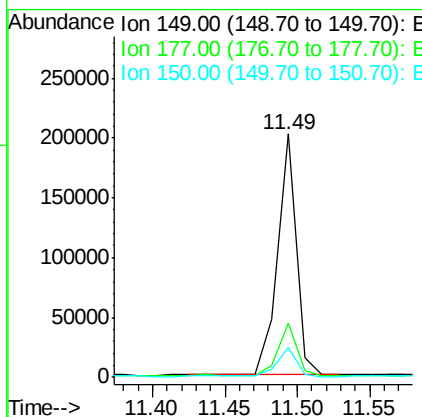
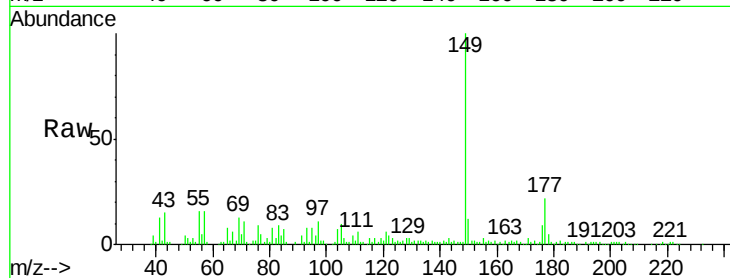
ClientSampled :

B2(8-9)MSD

Tot Ion:	149	Resp:	180450
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.2	25.8
150	12.4	10.5	15.7

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#60

4-Chlorophenyl-phenylether

Concen: 23.45 ng

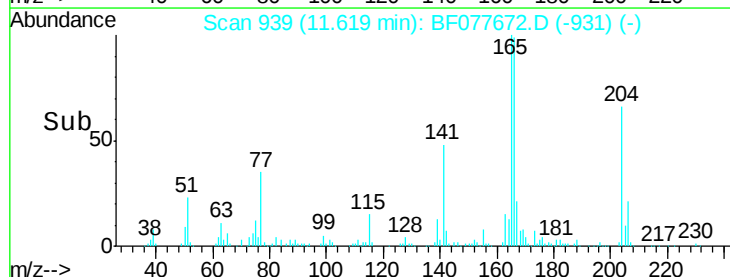
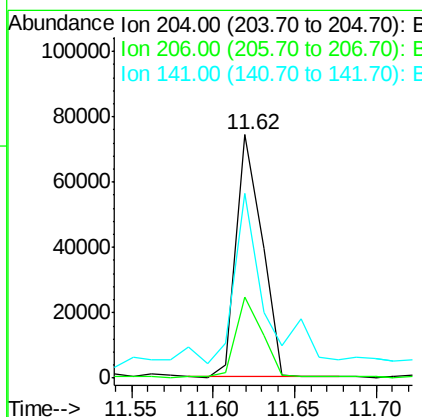
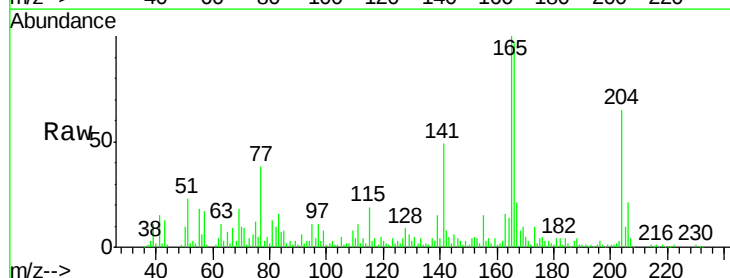
RT: 11.62 min Scan# 939

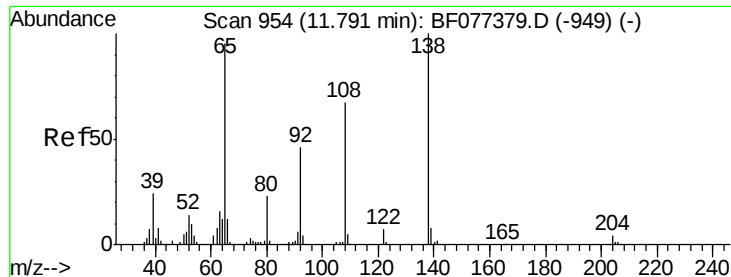
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	204	Resp:	80274
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.9	38.9
141	75.9	43.6	65.4#





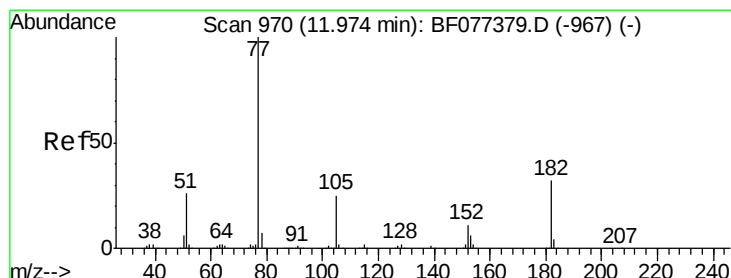
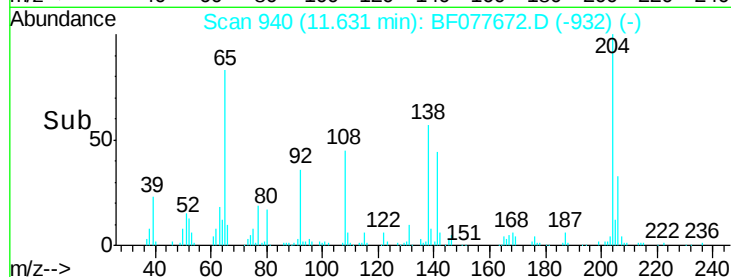
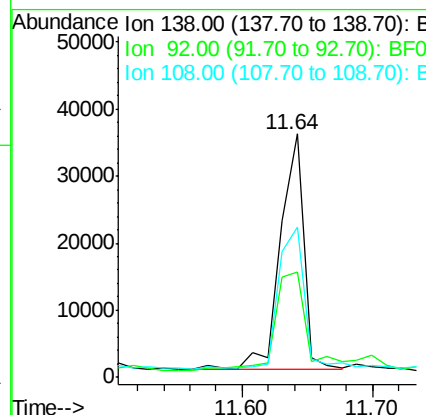
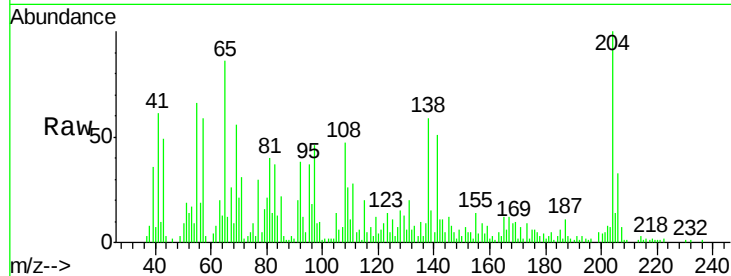
#61
4-Nitroaniline
Concen: 27.75 ng
RT: 11.64 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	64.1	32.8	72.8
108	80.1	52.1	92.1

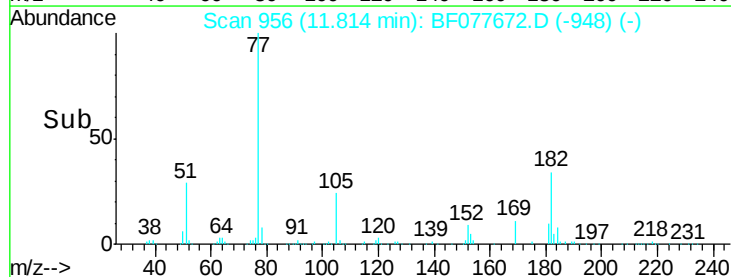
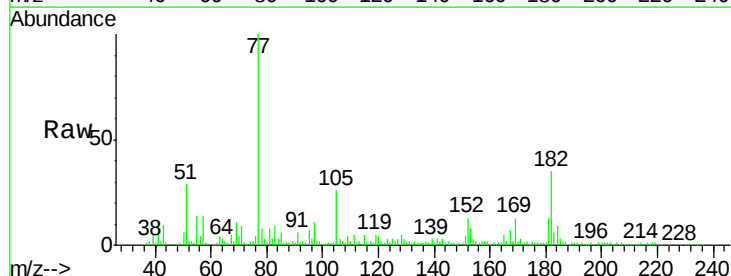
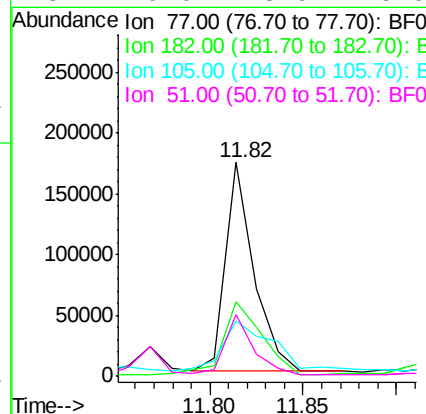
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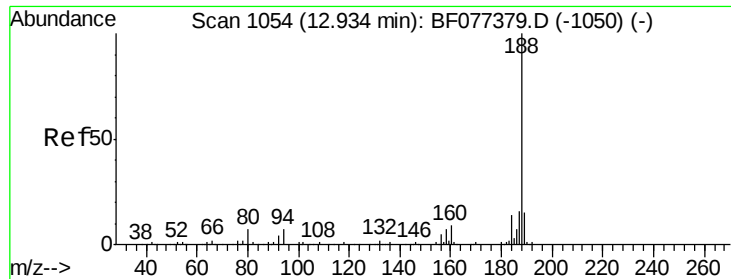
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#62
Azobenzene
Concen: 27.01 ng
RT: 11.82 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.0	4.9	44.9
105	25.7	3.3	43.3
51	29.0	8.9	48.9





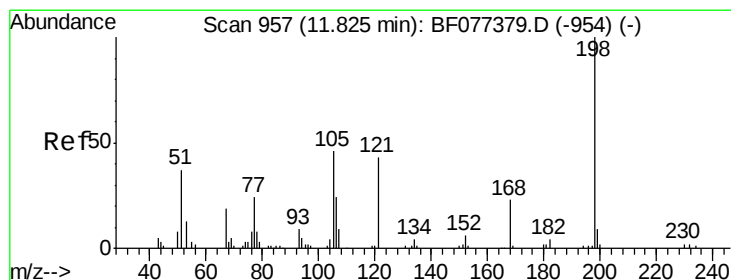
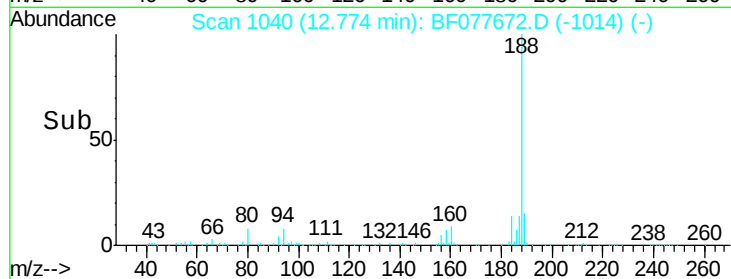
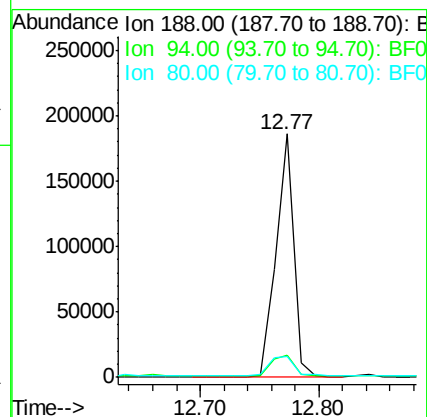
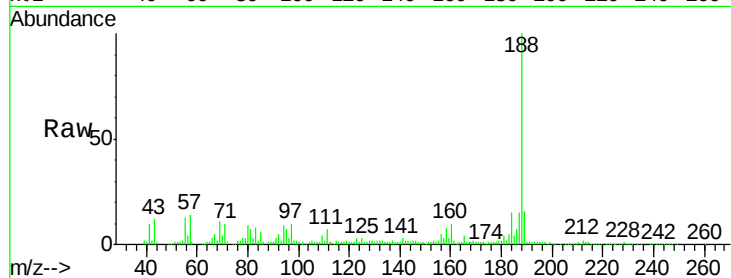
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	7.4	11.2
80	8.7	8.0	12.0

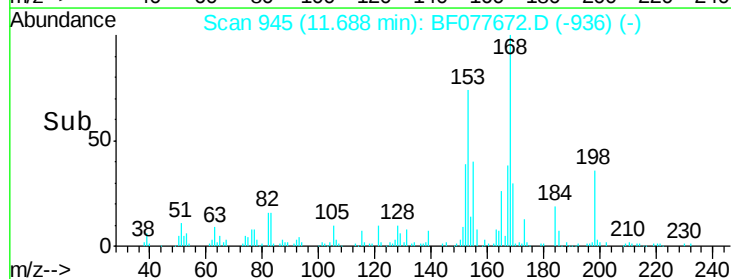
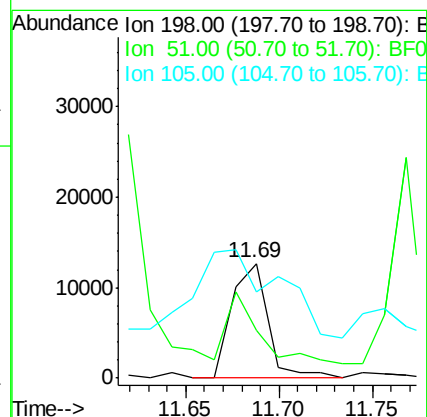
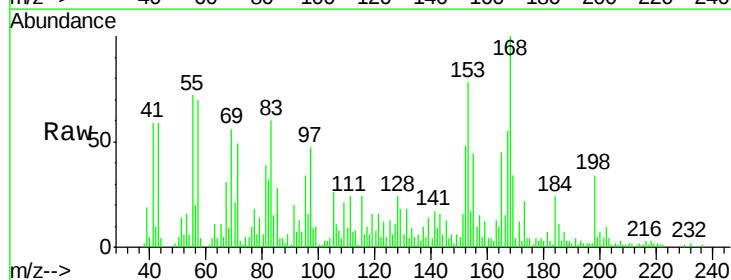
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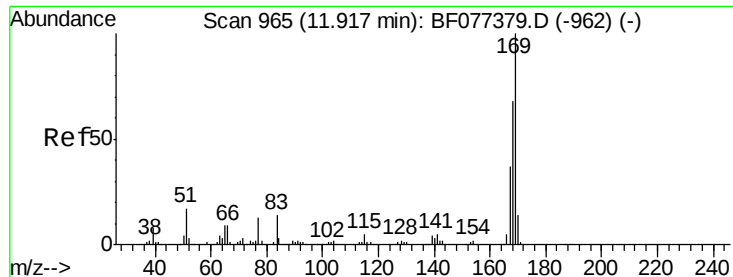
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.08 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.1	2.7	42.7
105	74.9	10.0	50.0#





#65

n-Nitrosodiphenylamine

Concen: 35.69 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

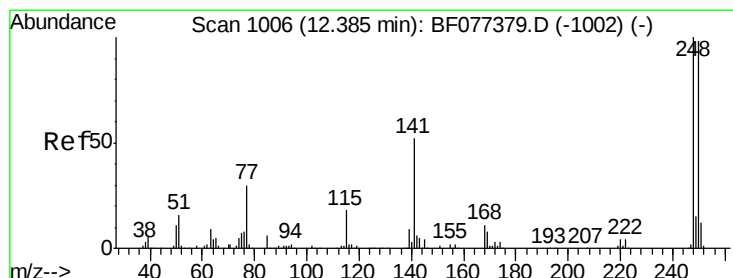
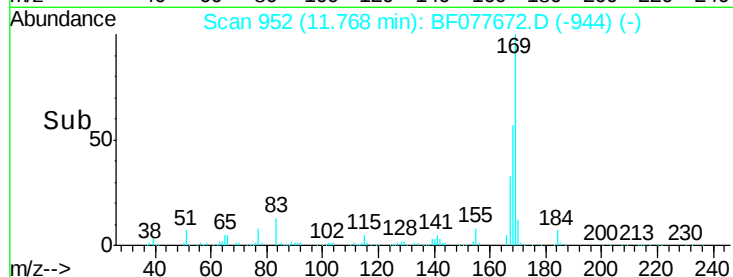
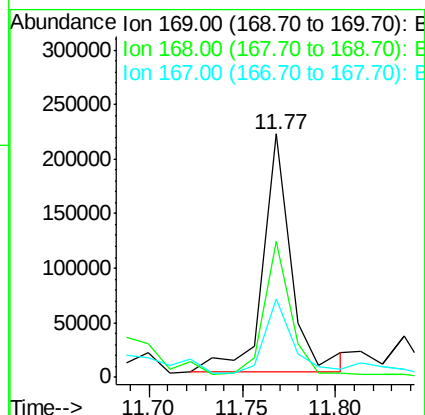
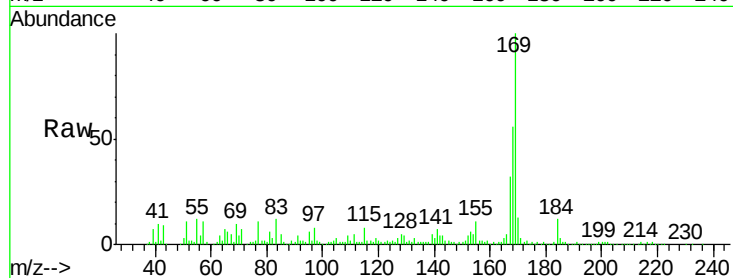
ClientSampleId :

B2(8-9)MSD

Tot Ion:	169	Resp:	230722
Ion Ratio	Lower	Upper	
169	100		
168	56.1	53.0	79.6
167	32.0	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 21.99 ng

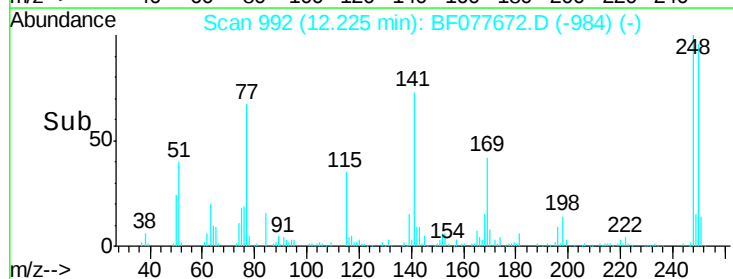
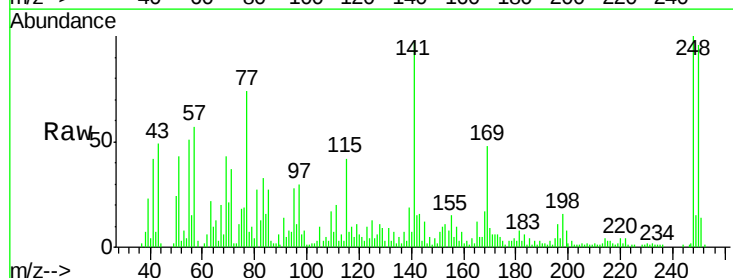
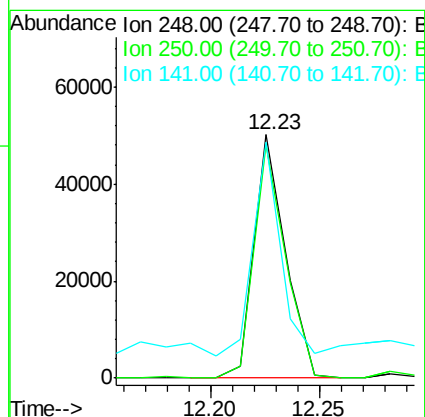
RT: 12.23 min Scan# 992

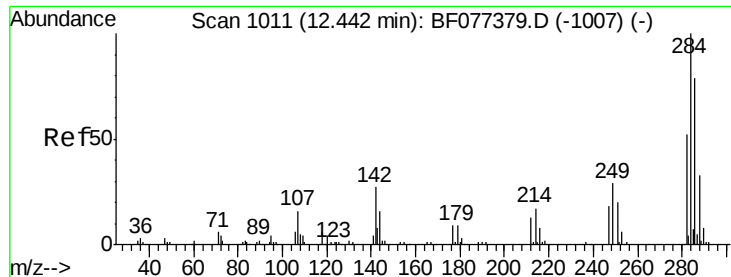
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	248	Resp:	50177
Ion Ratio	Lower	Upper	
248	100		
250	95.9	78.0	117.0
141	97.1	54.1	81.1#





#67

Hexachlorobenzene

Concen: 21.15 ng

RT: 12.29 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

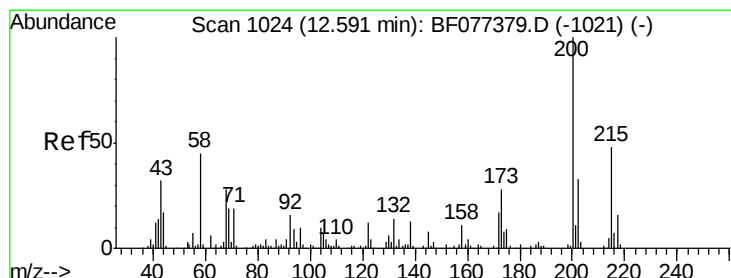
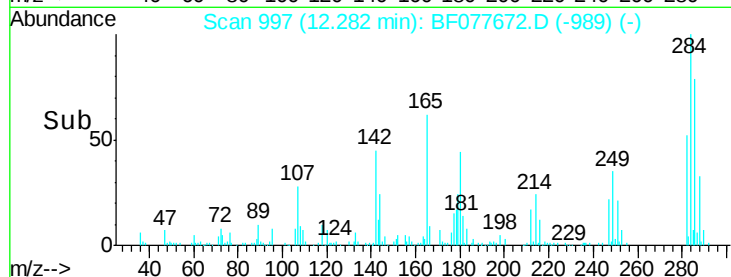
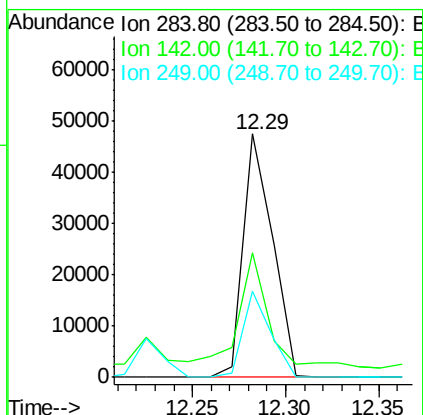
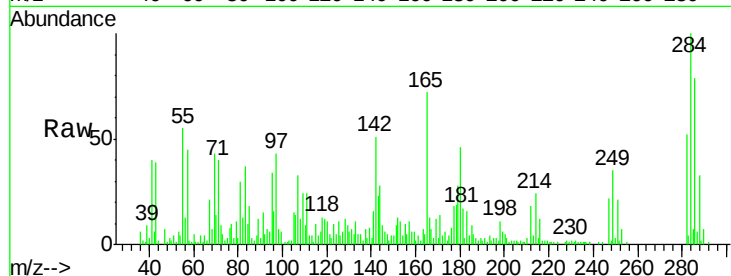
ClientSampleId :

B2(8-9)MSD

Tot Ion:	284	Resp:	51783
Ion Ratio	Lower	Upper	
284	100		
142	51.0	31.6	47.4#
249	35.2	27.0	40.4

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#68

Atrazine

Concen: 25.73 ng

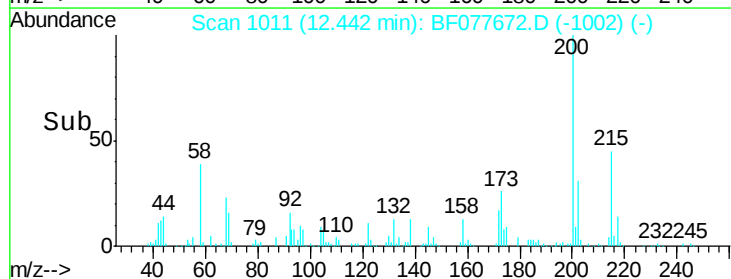
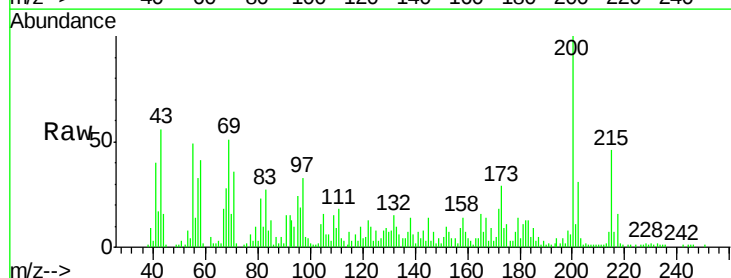
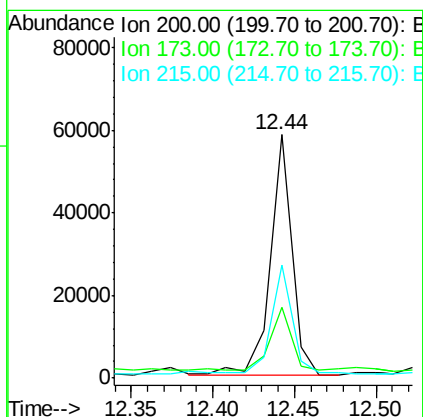
RT: 12.44 min Scan# 1011

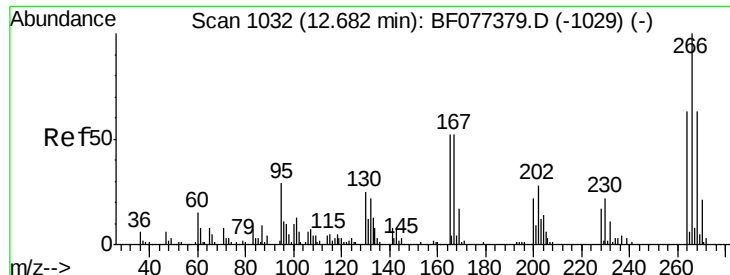
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	200	Resp:	54077
Ion Ratio	Lower	Upper	
200	100		
173	29.1	9.6	49.6
215	46.2	24.4	64.4





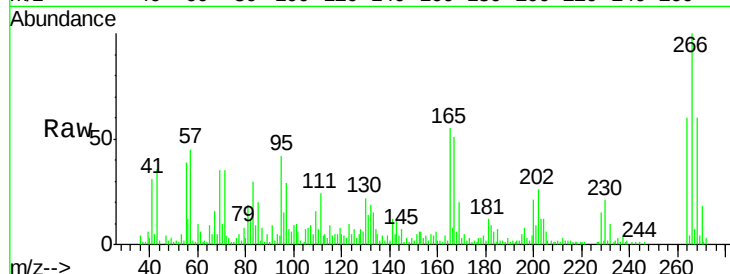
#69
 Pentachlorophenol
 Concen: 46.90 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

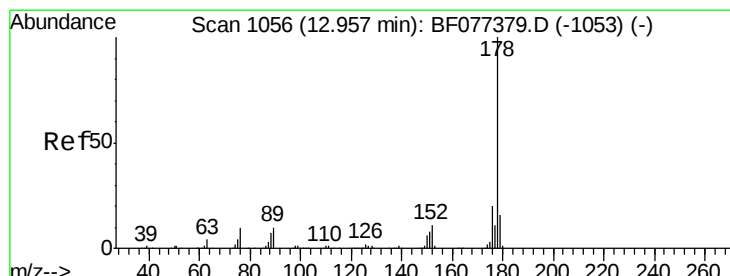
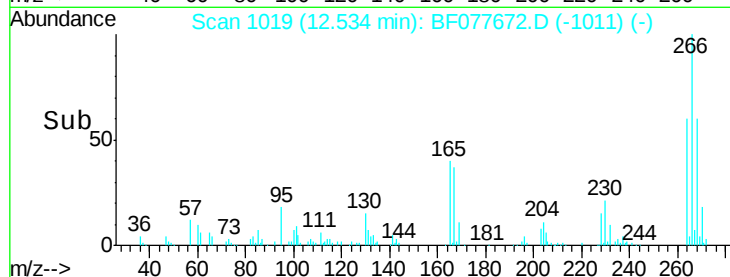
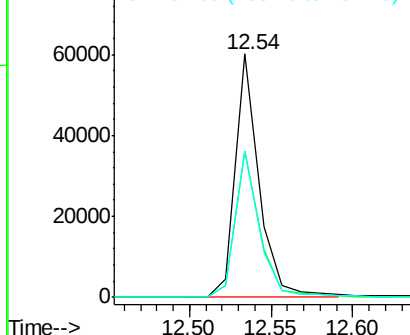
Tot Ion	Ratio	Resp	Lower	Upper
266	100	60363		
268	60.1	51.2	76.8	
264	60.1	50.7	76.1	

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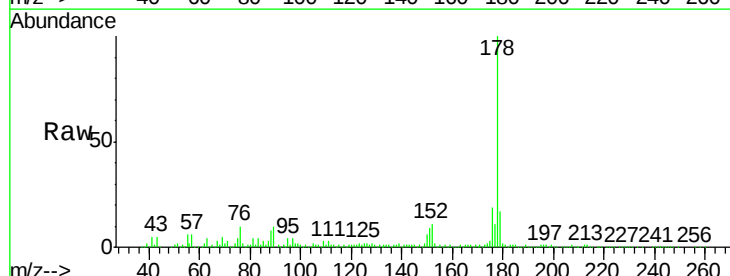


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

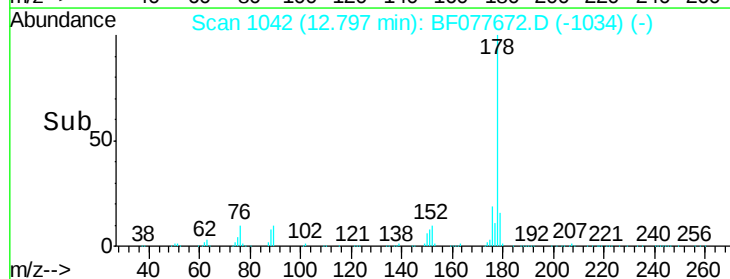
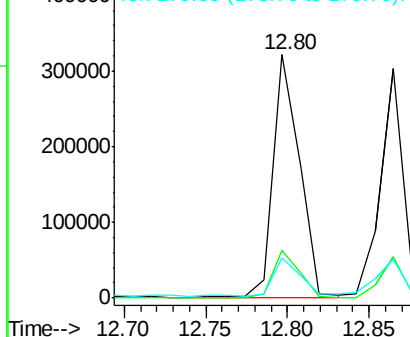


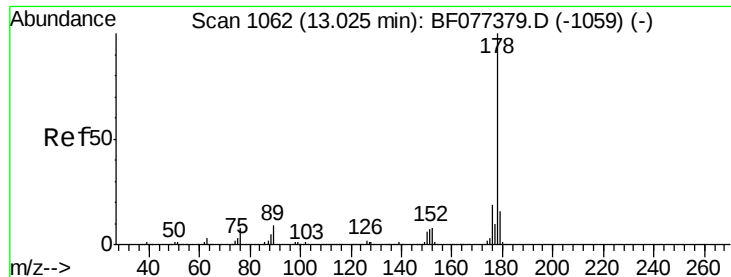
#70
 Phenanthrene
 Concen: 31.71 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	358064		
176	19.4	15.5	23.3	
179	16.5	12.2	18.2	



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





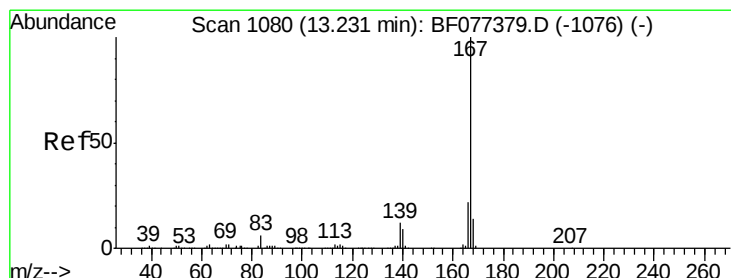
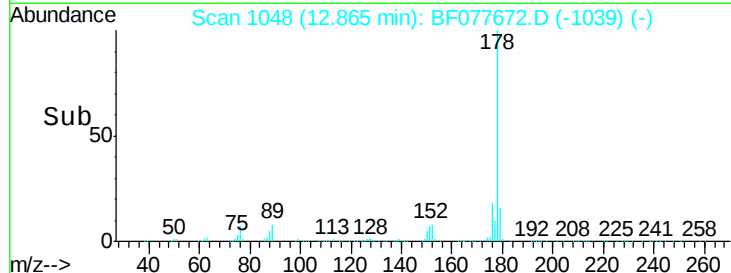
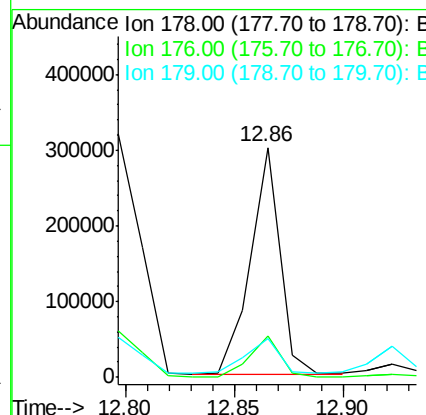
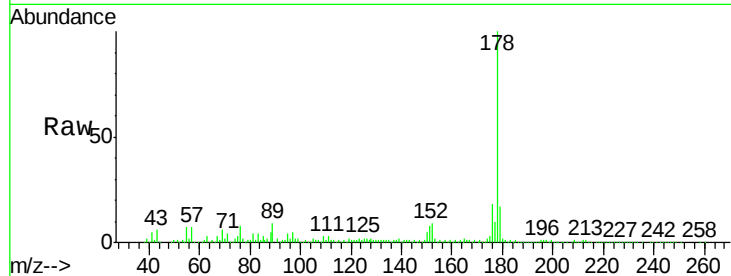
#71
 Anthracene
 Concen: 25.14 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	17.0	12.9	19.3

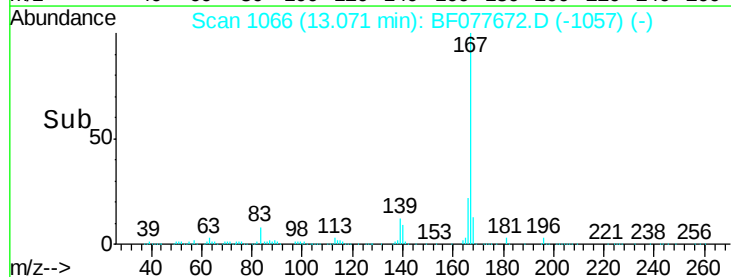
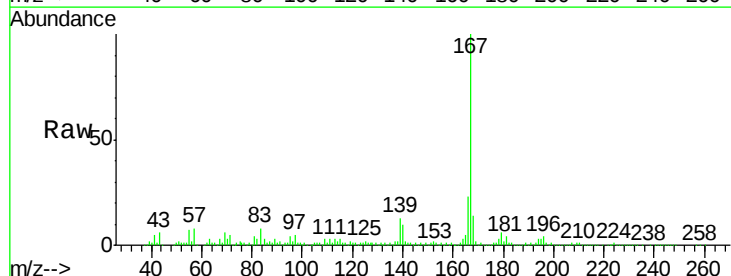
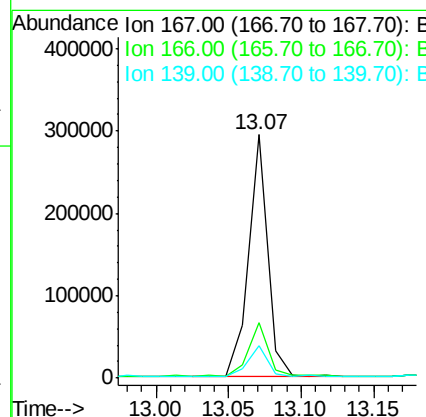
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#72
 Carbazole
 Concen: 25.17 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.2	9.9	14.9





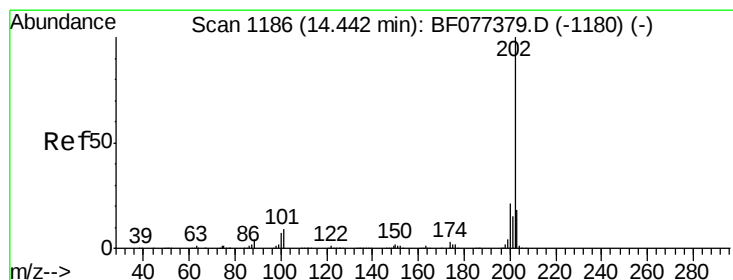
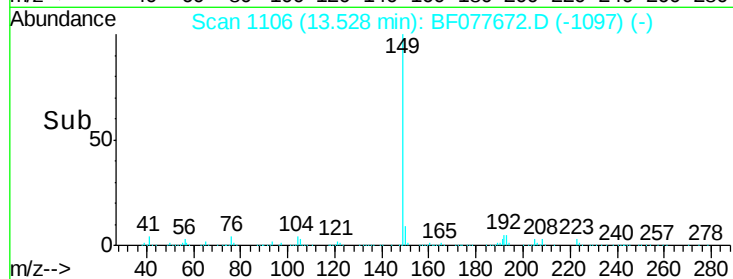
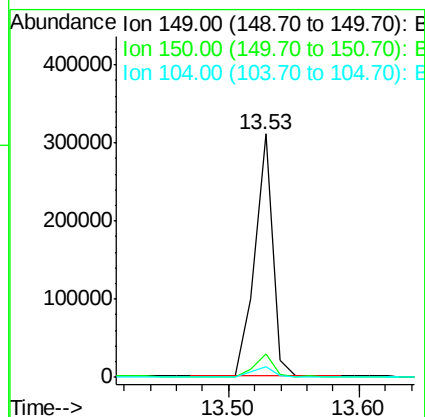
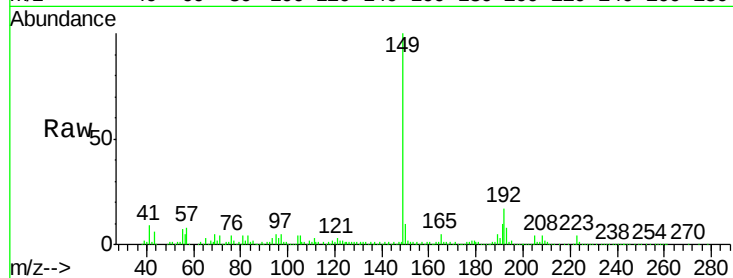
#73
Di-n-butylphthalate
Concen: 23.55 ng
RT: 13.53 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		294703		
150	9.5		7.8	11.8	
104	4.4		4.1	6.1	

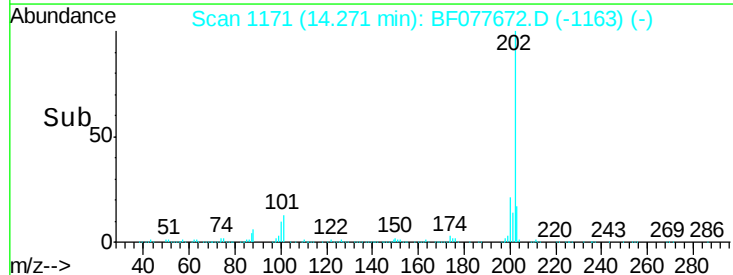
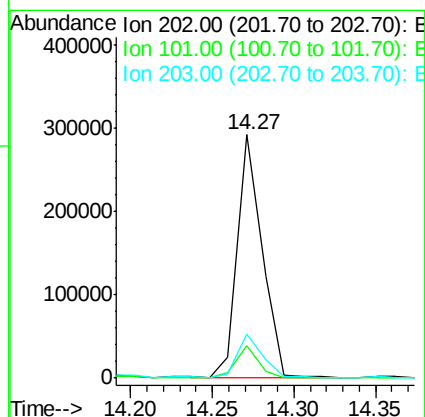
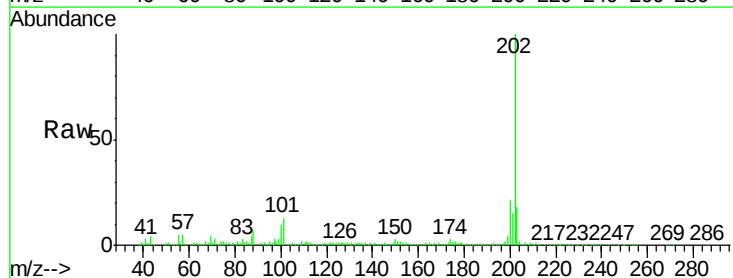
Manual Integrations
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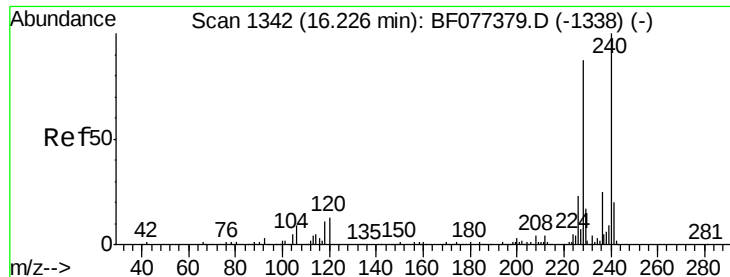
mohammad
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#74
Fluoranthene
Concen: 24.51 ng
RT: 14.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		302278		
101	13.1		0.0	30.8	
203	17.9		0.0	37.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

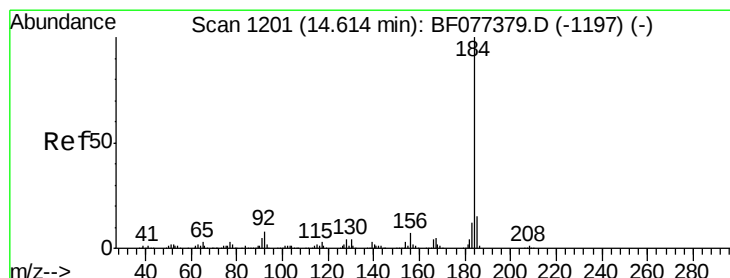
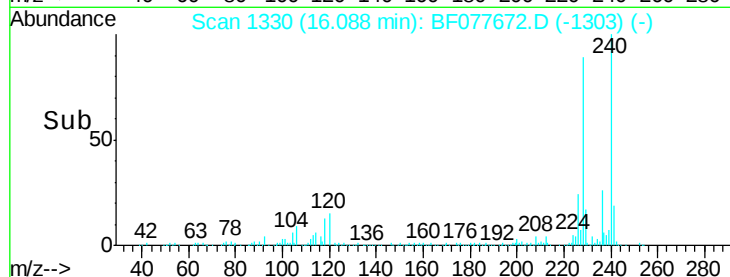
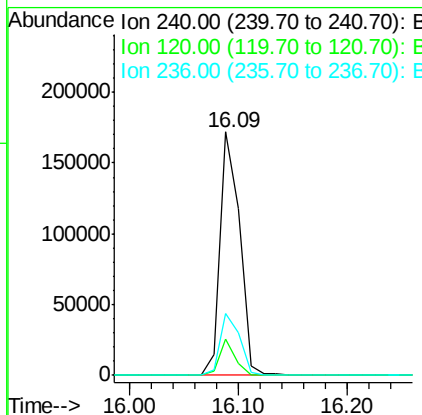
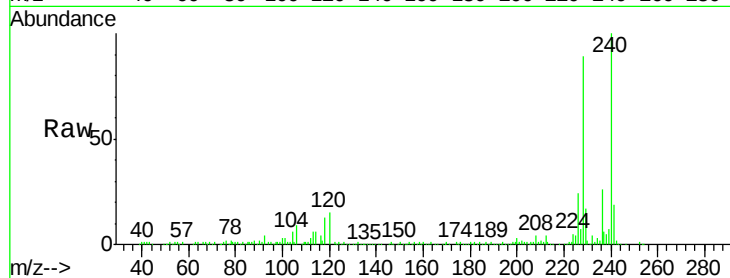
ClientSampleId :

B2(8-9)MSD

Tot Ion:	240	Resp:	215906
Ion Ratio	Lower	Upper	
240	100		
120	15.0	8.8	13.2#
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 24.77 ng

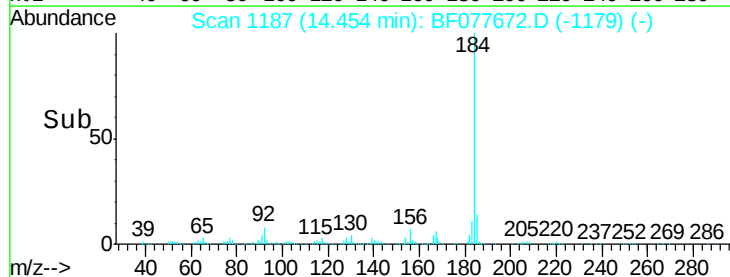
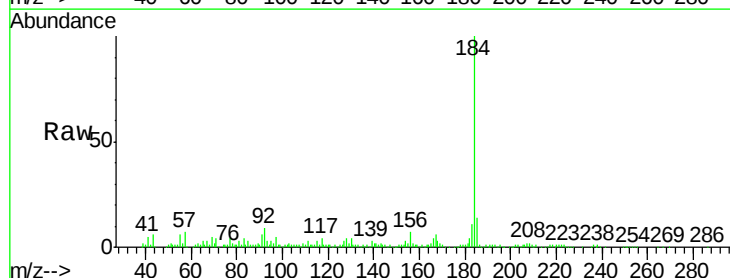
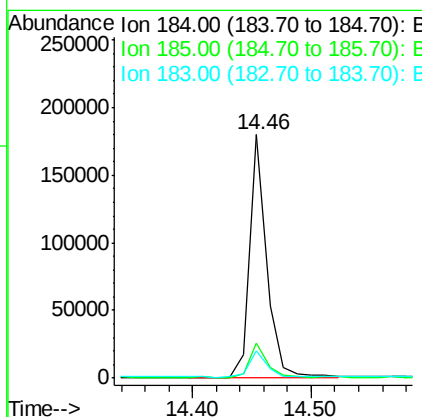
RT: 14.46 min Scan# 1187

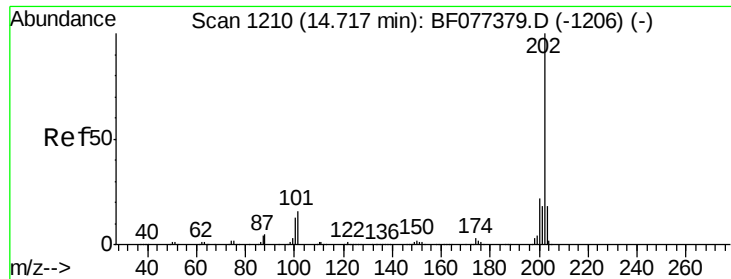
Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:	184	Resp:	180719
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.4	9.3	13.9





#77

Pvrene

Concen: 25.43 ng

RT: 14.55 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

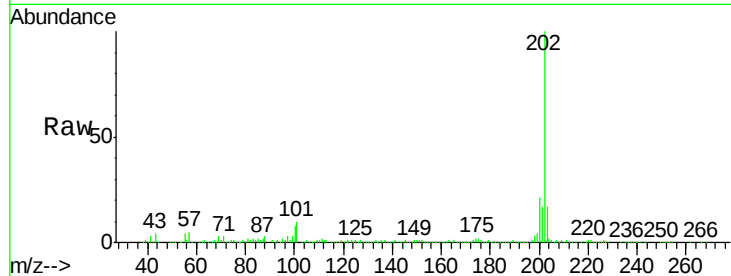
ClientSampleId :

B2(8-9)MSD

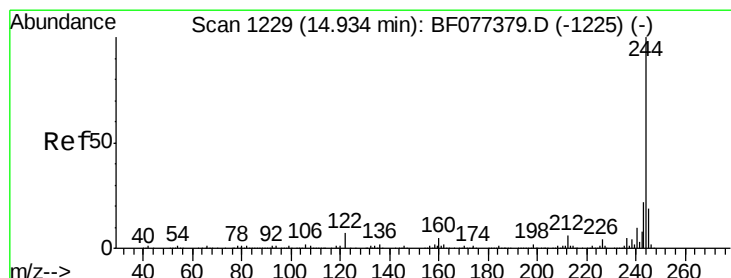
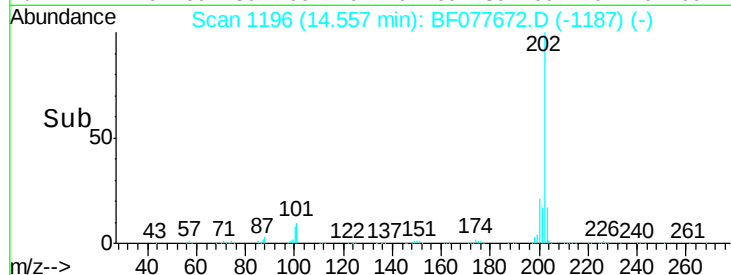
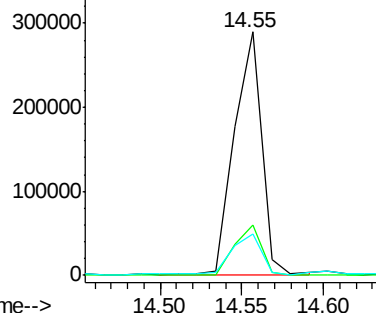
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		335862		
200	20.6	17.1	25.7		
203	17.1	14.2	21.2		

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



#78

Terphenyl-d14

Concen: 46.07 ng

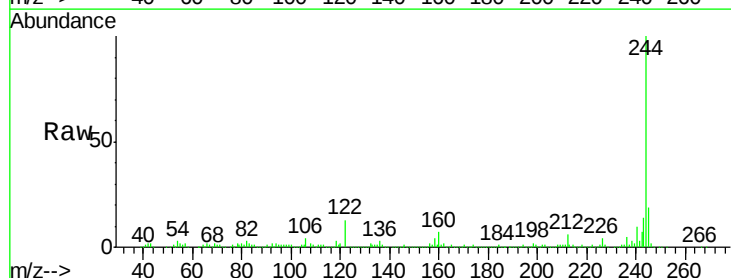
RT: 14.77 min Scan# 1214

Delta R.T. -0.00 min

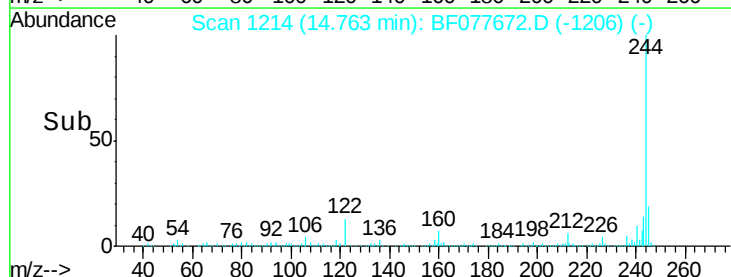
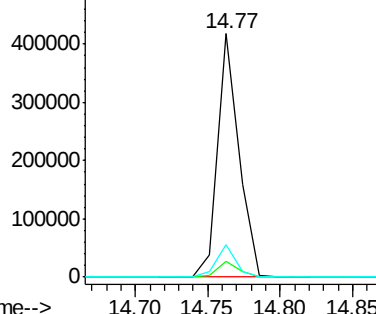
Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		425479		
212	6.5	5.2	7.8		
122	13.3	7.8	11.8#		



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





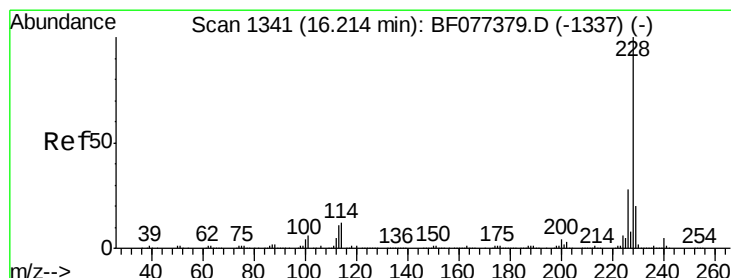
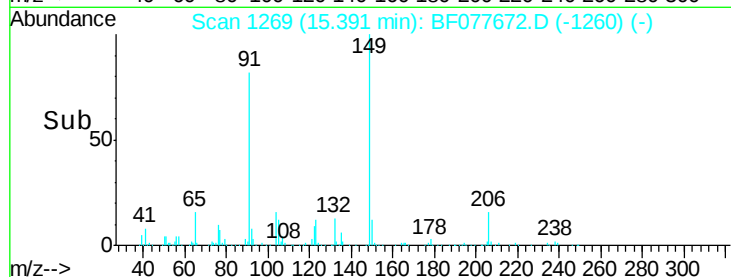
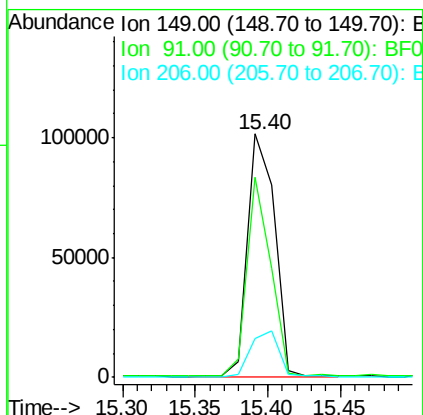
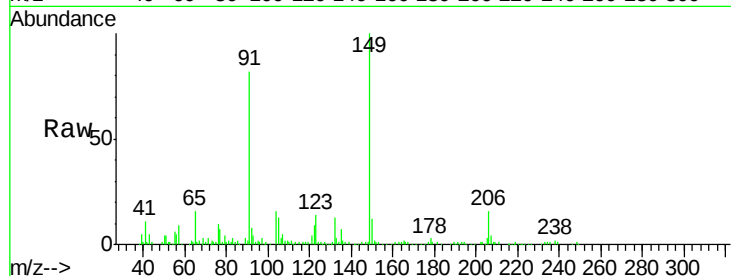
#79
Butylbenzylphthalate
Concen: 24.08 ng
RT: 15.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.4	51.2	76.8#
206	16.2	17.8	26.8#

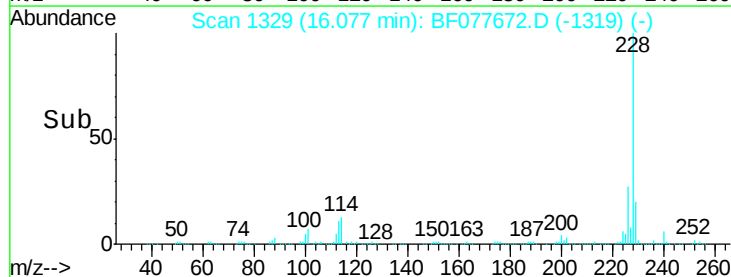
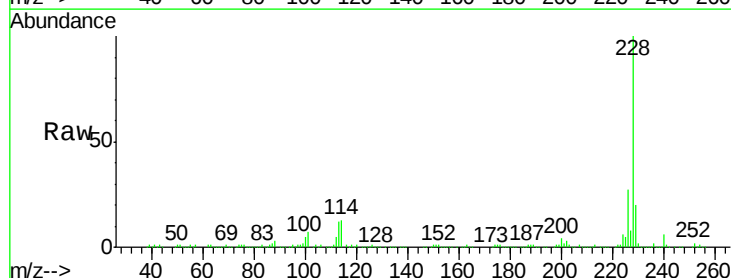
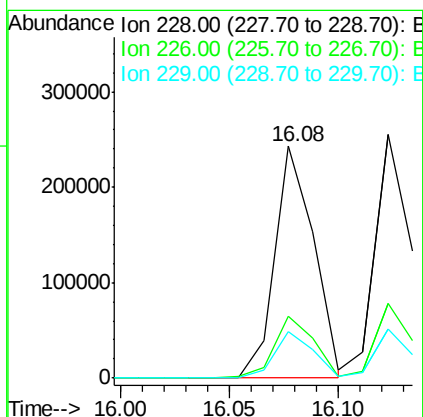
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#80
Benzo(a)anthracene
Concen: 24.12 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.0	33.0
229	20.1	15.8	23.8





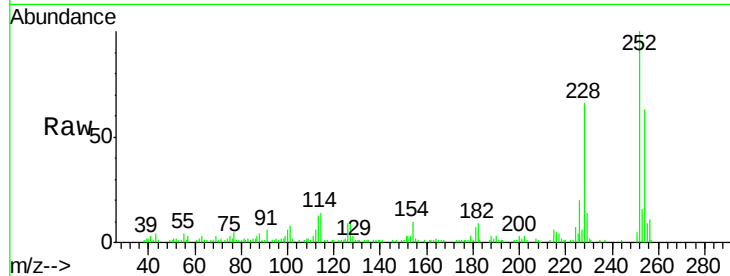
#81
 3,3'-Dichlorobenzidine
 Concen: 19.15 ng
 RT: 16.06 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

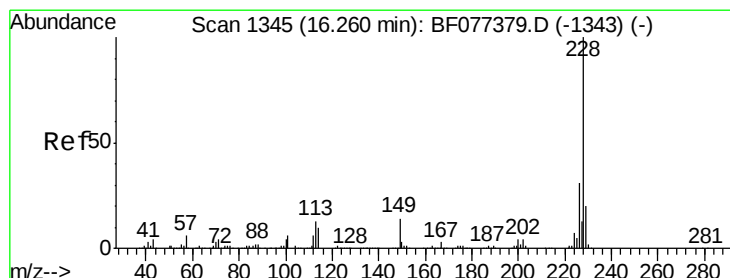
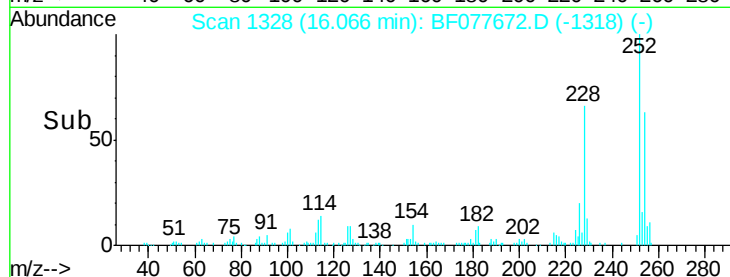
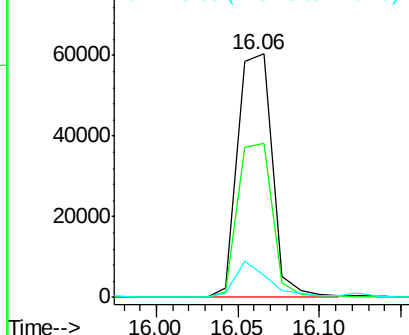
Tot Ion:	252	Resp:	88778
Ion Ratio	Lower	Upper	
252	100		
254	63.2	52.9	79.3
126	9.1	7.3	10.9

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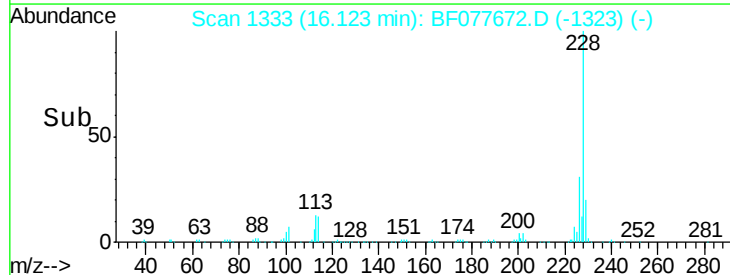
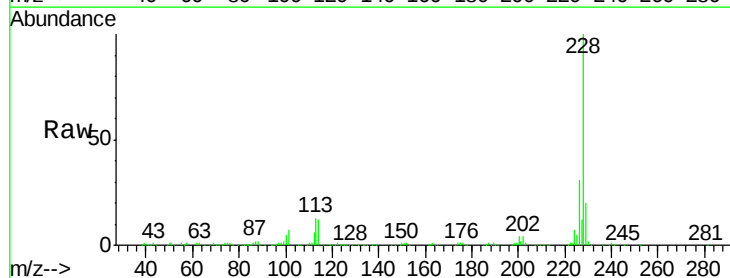
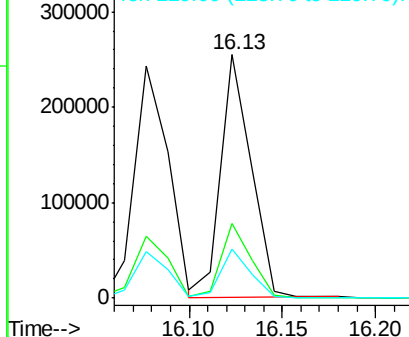
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

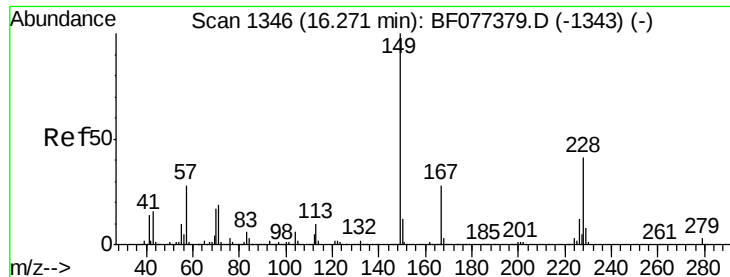


#82
 Chrysene
 Concen: 24.43 ng
 RT: 16.13 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:	228	Resp:	290218
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	20.0	16.4	24.6

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





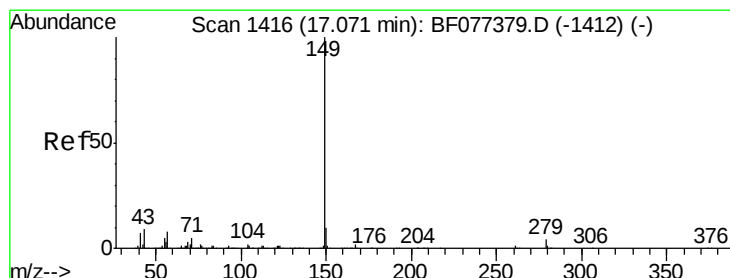
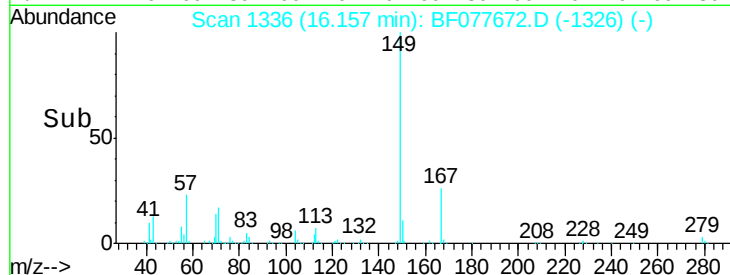
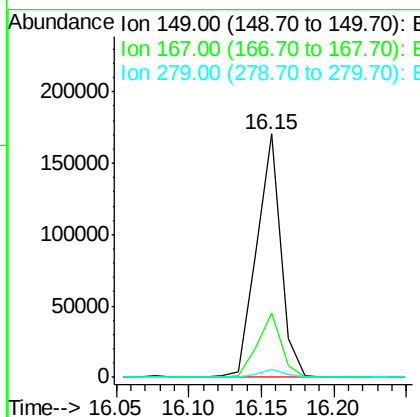
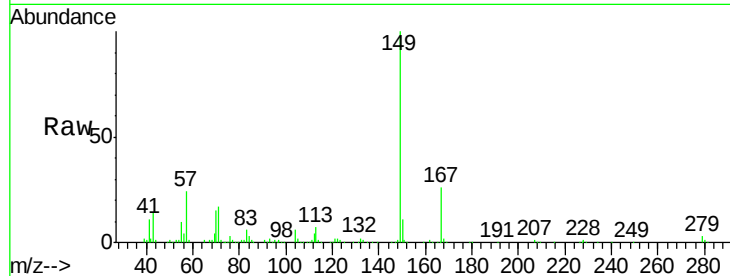
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.69 ng
 RT: 16.15 min Scan# 1336
 Delta R.T. 0.02 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.8	34.2
279	3.4	3.8	5.6

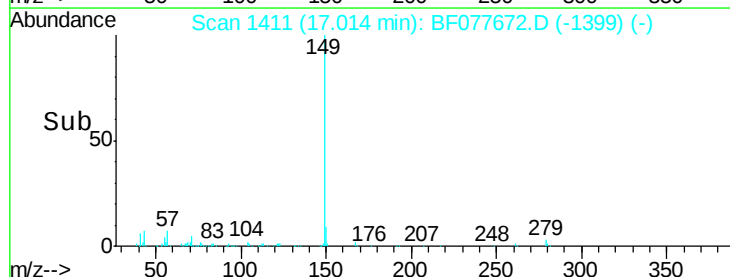
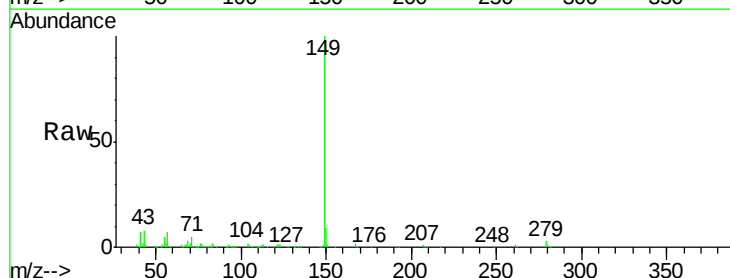
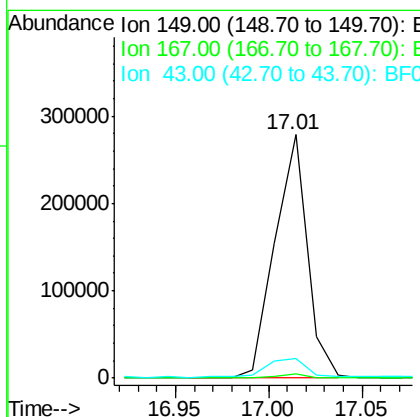
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#84
 Di-n-octyl phthalate
 Concen: 23.27 ng
 RT: 17.01 min Scan# 1411
 Delta R.T. 0.04 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.5	8.1	12.1





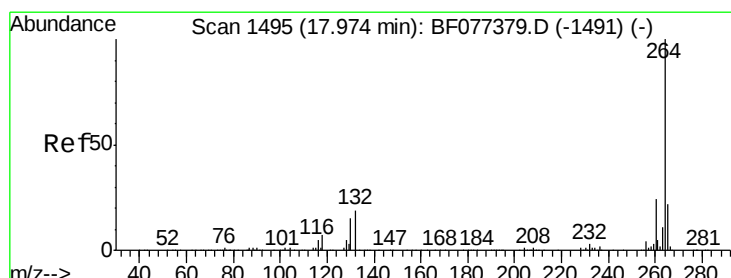
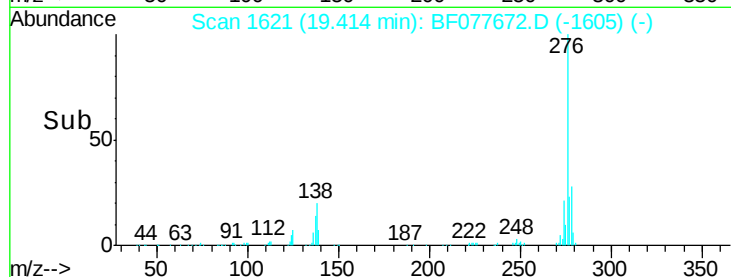
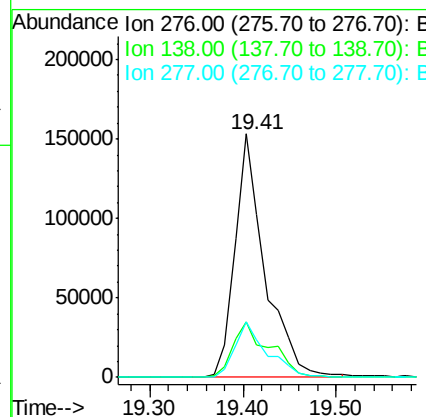
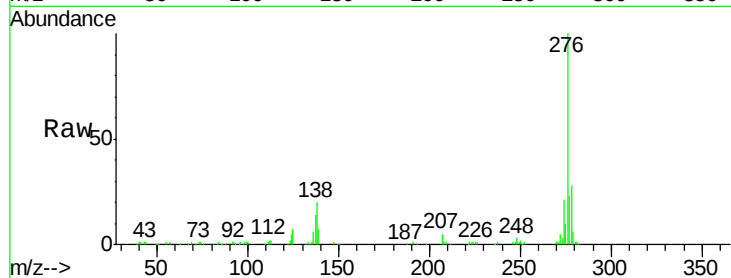
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.36 ng
 RT: 19.41 min Scan# 1621
 Delta R.T. 0.08 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	28.3		21.2	31.8	
277	24.8		20.0	30.0	

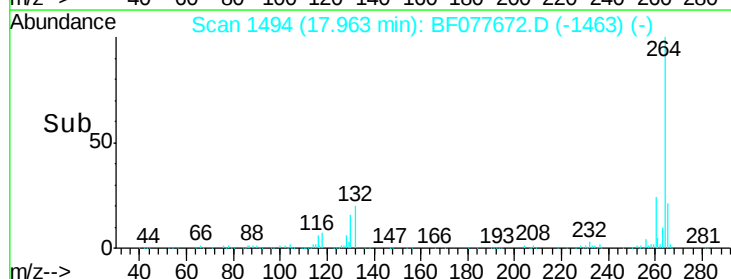
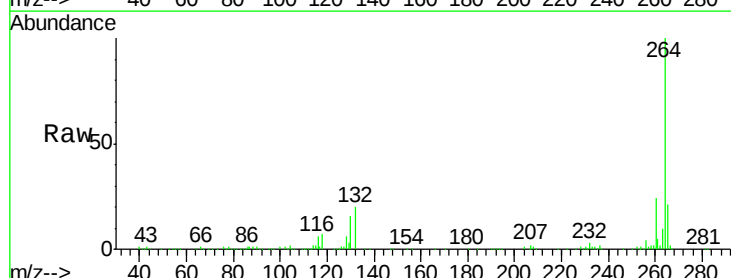
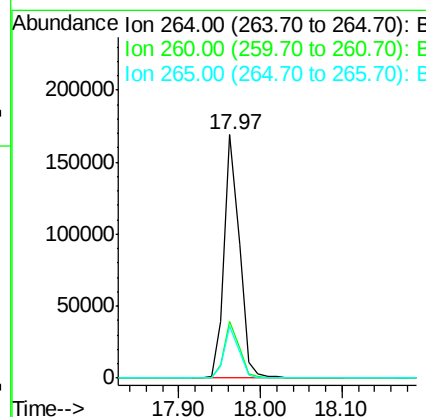
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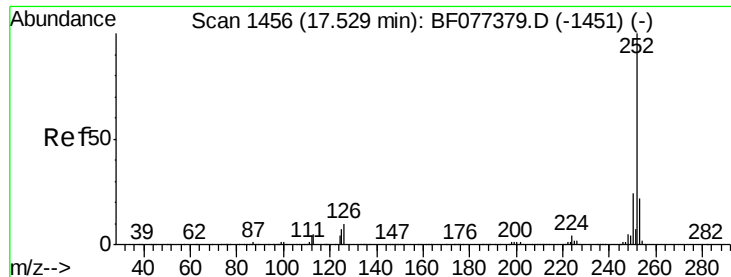
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1494
 Delta R.T. 0.06 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.6		19.3	28.9	
265	21.2		16.8	25.2	





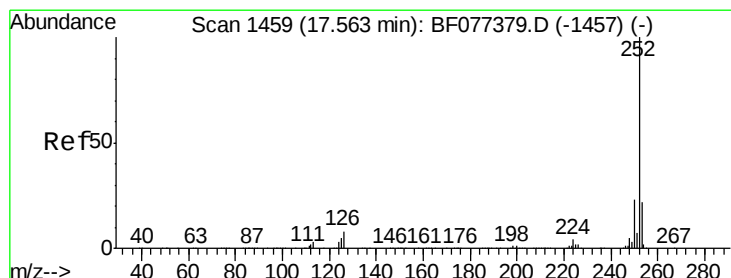
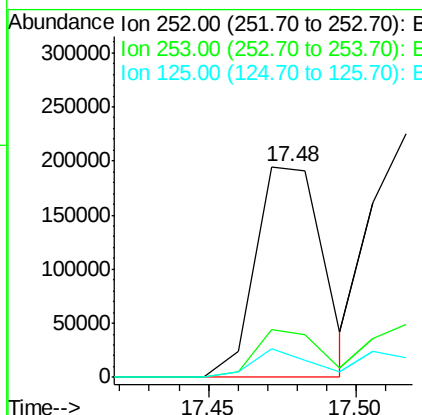
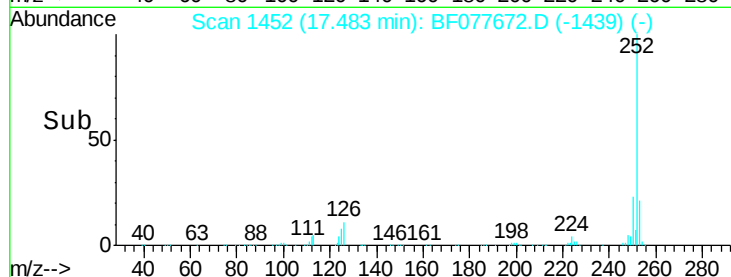
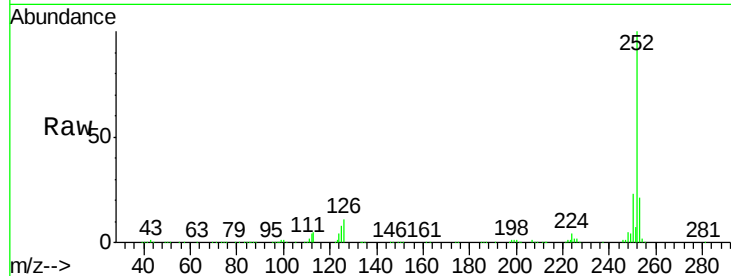
#87
Benzo(b)fluoranthene
Concen: 24.26 ng
RT: 17.48 min Scan# 1452
Delta R.T. 0.05 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.6	26.4
125	8.2	5.4	8.2#

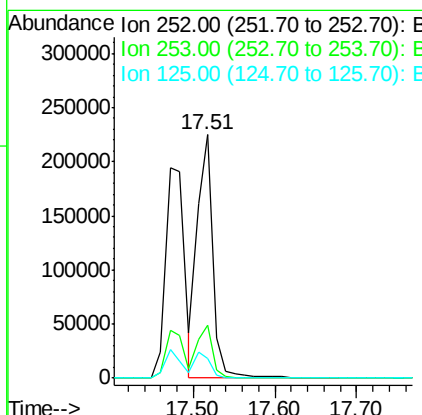
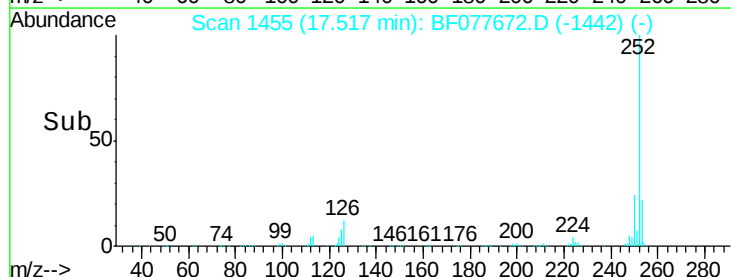
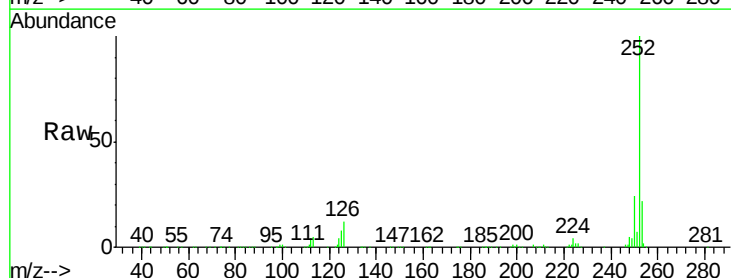
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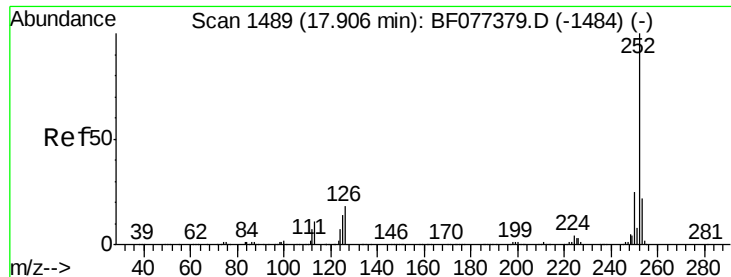
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#88
Benzo(k)fluoranthene
Concen: 23.95 ng
RT: 17.51 min Scan# 1455
Delta R.T. 0.04 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	8.1	10.1	15.1#





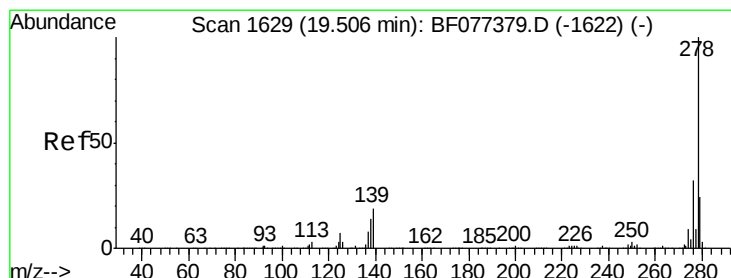
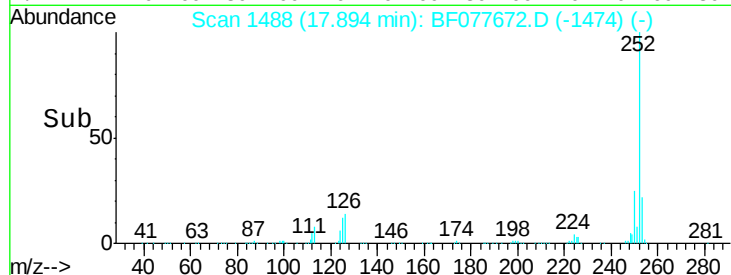
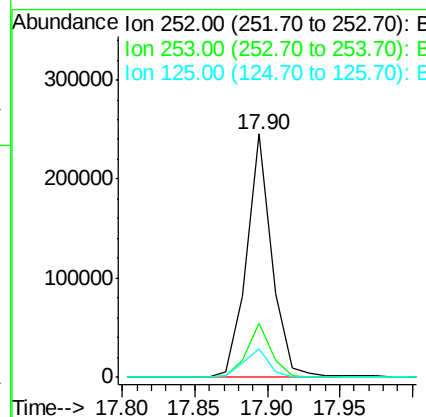
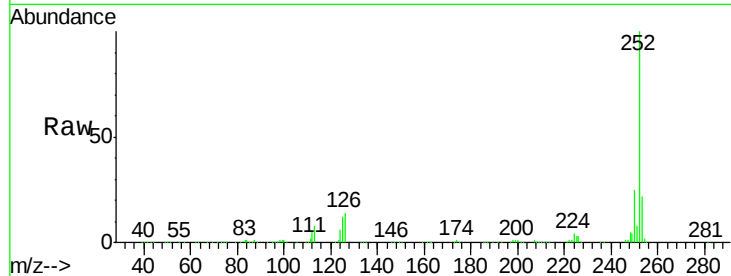
#89
Benzo(a)pyrene
Concen: 24.57 ng
RT: 17.90 min Scan# 1488
Delta R.T. 0.06 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.7	8.3	12.5

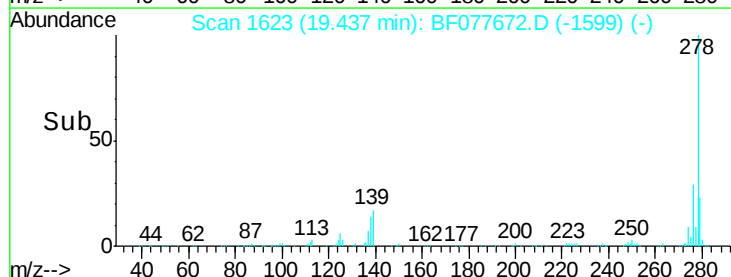
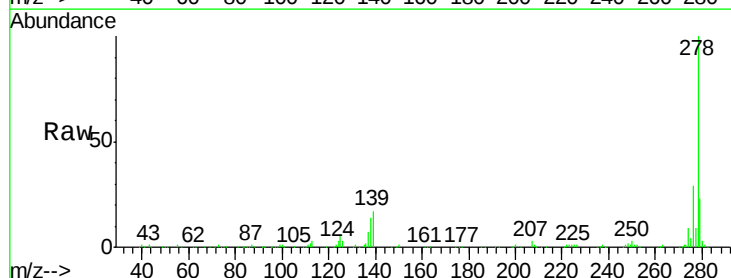
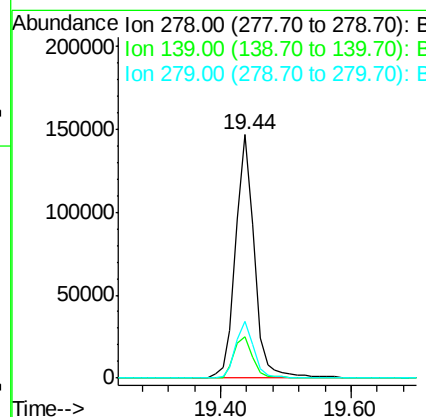
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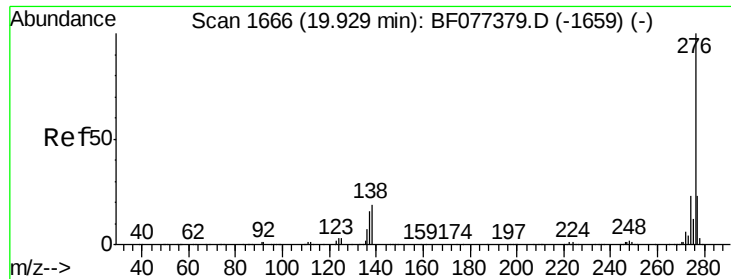
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#90
Dibenzo(a,h)anthracene
Concen: 25.03 ng
RT: 19.44 min Scan# 1623
Delta R.T. 0.08 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.3	21.5
279	23.4	19.0	28.6





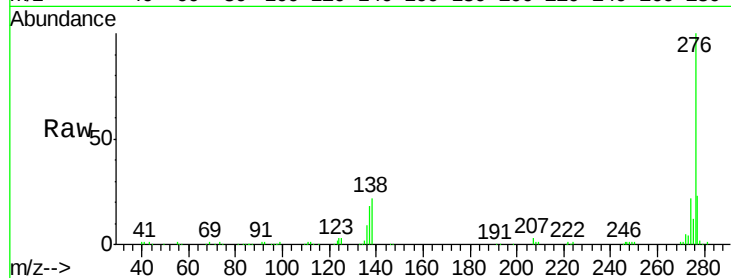
#91
 Benzo(a,h,i)perylene
 Concen: 25.04 ng
 RT: 19.82 min Scan# 1657
 Delta R.T. 0.07 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tot Ion:	276	Resp:	293401
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	22.2	20.5	30.7

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

