

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077600.D
 Acq On : 5 Mar 2015 2:36
 Operator : TP/IZ
 Sample : G1416-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Manual Integrations
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 3/5/2015 12:48:07 PM

Quant Time: Mar 05 05:15:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 21:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	60909	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	251974	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	123154	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	240089	20.00	ng	0.00
75) Chrysene-d12	16.09	240	253965	20.00	ng	-0.01
86) Perylene-d12	17.76	264	253296	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	393272	107.79	ng	0.00
7) Phenol-d6	6.78	99	501795	106.97	ng	0.00
23) Nitrobenzene-d5	7.91	82	299636	73.95	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	131825	111.17	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	607884	76.96	ng	0.00
78) Terphenyl-d14	14.80	244	718686	66.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	44994	29.06	ng	99
3) Pyridine	2.90	79	108491	24.49	ng	98
4) n-Nitrosodimethylamine	2.79	42	65358	33.94	ng	98
6) Aniline	6.81	93	112972	17.42	ng	# 68
8) 2-Chlorophenol	6.95	128	139703	32.46	ng	86
9) Benzaldehyde	6.67	77	23938	8.41	ng	99
10) Phenol	6.80	94	186219	33.46	ng	87
11) bis(2-Chloroethyl)ether	6.91	93	138842	34.71	ng	92
12) 1,3-Dichlorobenzene	7.14	146	147236	31.42	ng	99
13) 1,4-Dichlorobenzene	7.24	146	151546	31.79	ng	98
14) 1,2-Dichlorobenzene	7.43	146	149218	32.90	ng	99
15) Benzyl Alcohol	7.40	79	116496	32.67	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.58	45	187144	32.73	ng	98
17) 2-Methylphenol	7.55	107	114701	34.10	ng	97
18) Hexachloroethane	7.84	117	50910	31.97	ng	97
19) n-Nitroso-di-n-propylamine	7.74	70	97930	32.87	ng	96
20) 3+4-Methylphenols	7.74	107	147914	33.38	ng	# 75
22) Acetophenone	7.73	105	193058	32.57	ng	# 86
24) Nitrobenzene	7.94	77	145592	34.15	ng	95
25) Isophorone	8.23	82	269157	33.48	ng	97
26) 2-Nitrophenol	8.33	139	67534	38.65	ng	96
27) 2,4-Dimethylphenol	8.39	122	128303	32.82	ng	99
28) bis(2-Chloroethoxy)methane	8.52	93	158163	31.14	ng	98
29) 2,4-Dichlorophenol	8.63	162	120706	32.89	ng	93
30) 1,2,4-Trichlorobenzene	8.73	180	123233	30.55	ng	99
31) Naphthalene	8.82	128	403219	32.00	ng	100
32) Benzoic acid	8.48	122	51459	27.09	ng	96
33) 4-Chloroaniline	8.90	127	109002	19.46	ng	96
34) Hexachlorobutadiene	8.98	225	73514	31.92	ng	99
35) Caprolactam	9.32	113	34416	30.72	ng	# 70
36) 4-Chloro-3-methylphenol	9.51	107	124769	33.82	ng	99
37) 2-Methylnaphthalene	9.68	142	283156	31.64	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	122667	34.71	ng	98
40) Hexachlorocyclopentadiene	9.88	237	107320	56.64	ng	96

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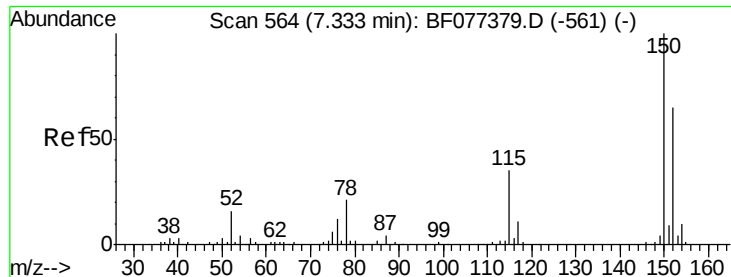
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.03	196	84289	36.02	ng	98
43) 2,4,5-Trichlorophenol	10.08	196	91352	36.51	ng #	87
45) 1,1'-Biphenyl	10.26	154	334393	35.84	ng	95
46) 2-Chloronaphthalene	10.28	162	258958	35.39	ng	99
47) 2-Nitroaniline	10.41	65	70928	39.38	ng #	57
48) Acenaphthylene	10.79	152	436426	37.67	ng	99
49) Dimethylphthalate	10.65	163	328958	38.00	ng	99
50) 2,6-Dinitrotoluene	10.72	165	67142	38.67	ng	93
51) Acenaphthene	11.01	154	247424	35.79	ng	100
52) 3-Nitroaniline	10.92	138	60837	30.40	ng	95
53) 2,4-Dinitrophenol	11.06	184	40083	75.88	ng #	83
54) Dibenzofuran	11.23	168	384487	36.02	ng	95
55) 4-Nitrophenol	11.14	139	116870	72.59	ng #	69
56) 2,4-Dinitrotoluene	11.22	165	92794	39.56	ng #	82
57) Fluorene	11.65	166	309959	36.32	ng	97
58) 2,3,4,6-Tetrachlorophenol	11.38	232	75951	37.75	ng	95
59) Diethylphthalate	11.53	149	305443	35.79	ng	98
60) 4-Chlorophenyl-phenylether	11.66	204	138964	33.80	ng	93
61) 4-Nitroaniline	11.68	138	71706	37.38	ng	99
62) Azobenzene	11.85	77	302193	37.32	ng	92
64) 4,6-Dinitro-2-methylphenol	11.72	198	29968	32.58	ng	88
65) n-Nitrosodiphenylamine	11.81	169	266759	33.49	ng	99
66) 4-Bromophenyl-phenylether	12.27	248	86244	30.68	ng #	88
67) Hexachlorobenzene	12.32	284	91742	30.40	ng #	81
68) Atrazine	12.48	200	82101	31.70	ng	98
69) Pentachlorophenol	12.57	266	101357	63.91	ng	98
70) Phenanthrene	12.84	178	462205	33.22	ng	100
71) Anthracene	12.90	178	436958	31.64	ng	100
72) Carbazole	13.11	167	429122	32.68	ng	99
73) Di-n-butylphthalate	13.56	149	508069	32.95	ng	99
74) Fluoranthene	14.31	202	509325	33.51	ng	99
76) Benzidine	14.50	184	214009	24.94	ng	97
77) Pyrene	14.59	202	506055	32.57	ng	100
79) Butylbenzylphthalate	15.42	149	226275	35.40	ng	94
80) Benzo(a)anthracene	16.08	228	480255	32.27	ng	99
81) 3,3'-Dichlorobenzidine	16.06	252	147425	27.03	ng #	94
82) Chrysene	16.12	228	472960	33.84	ng	98
83) Bis(2-ethylhexyl)phthalate	16.14	149	331361	32.33	ng	98
84) Di-n-octyl phthalate	16.91	149	561624	32.82	ng	98
85) Indeno(1,2,3-cd)pyrene	19.19	276	543087m	34.08	ng	
87) Benzo(b)fluoranthene	17.33	252	461635m	31.34	ng	
88) Benzo(k)fluoranthene	17.37	252	494076m	34.23	ng	
89) Benzo(a)pyrene	17.70	252	463768	33.06	ng	99
90) Dibenzo(a,h)anthracene	19.21	278	446797	33.40	ng	97
91) Benzo(g,h,i)perylene	19.60	276	454706	33.67	ng	98

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



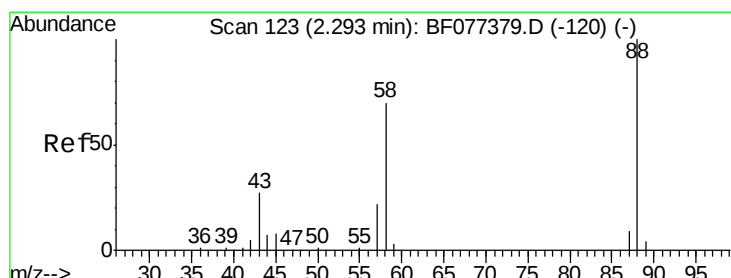
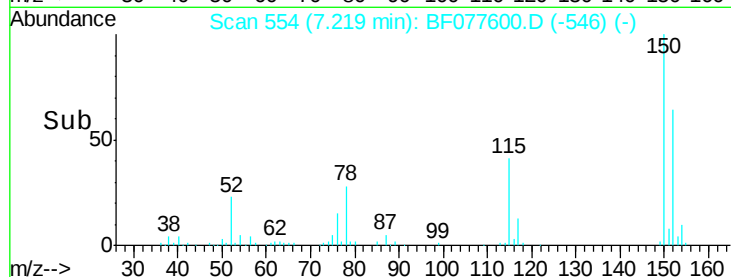
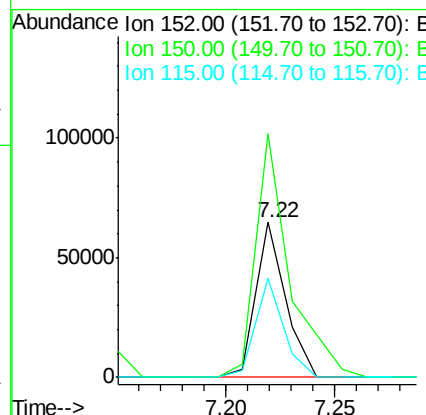
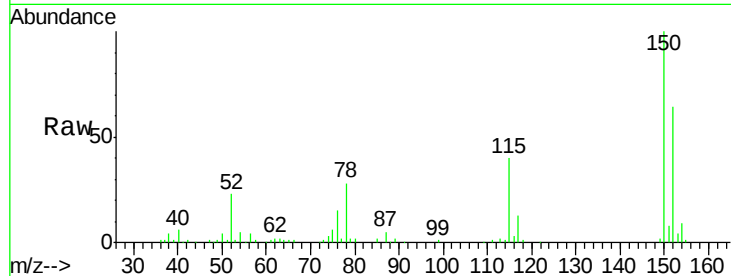
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.0	186.0
115	63.6	49.4	74.2

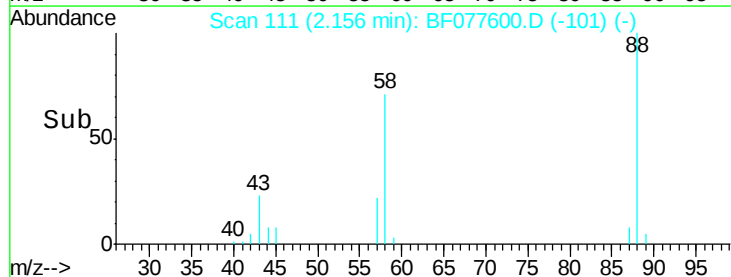
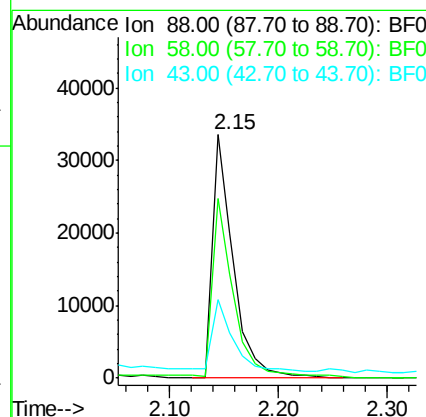
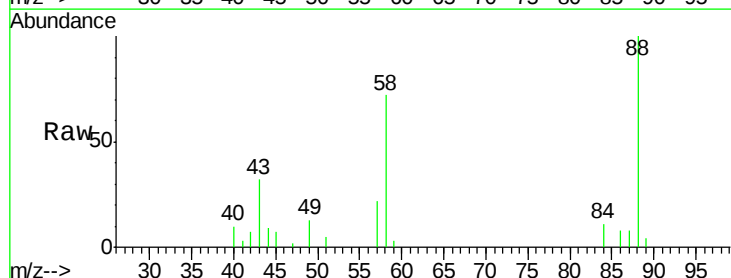
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#2
 1,4-Dioxane
 Concen: 29.06 ng
 RT: 2.15 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	62.1	93.1
43	29.5	24.0	36.0





#3

Pyridine

Concen: 24.49 ng

RT: 2.90 min Scan# 176

Delta R.T. 0.03 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

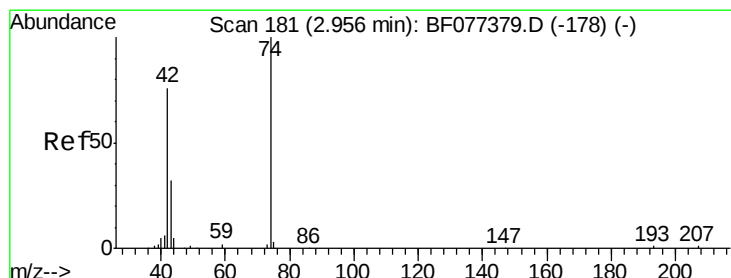
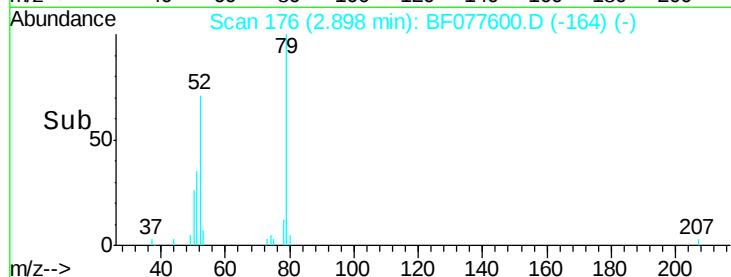
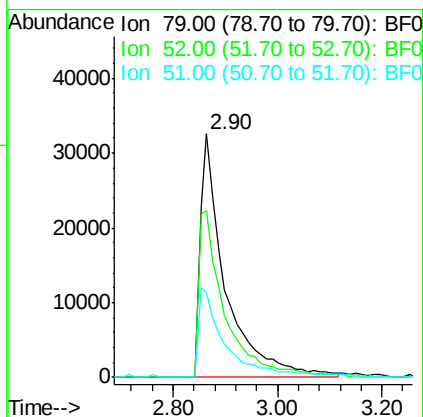
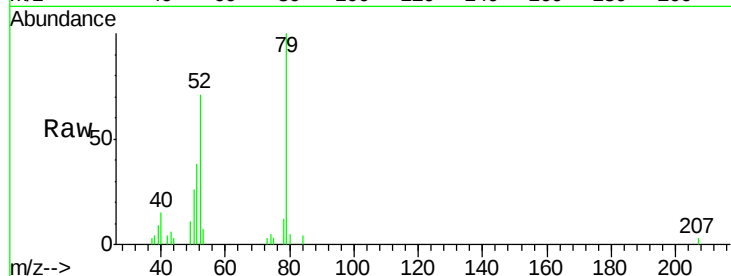
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	79	Resp:	108491
Ion Ratio	Lower	Upper	
79	100		
52	71.1	57.7	86.5
51	37.8	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 33.94 ng

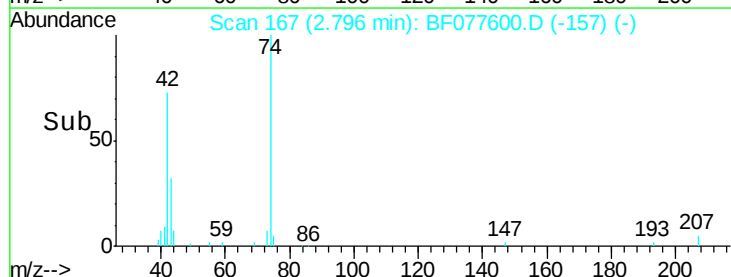
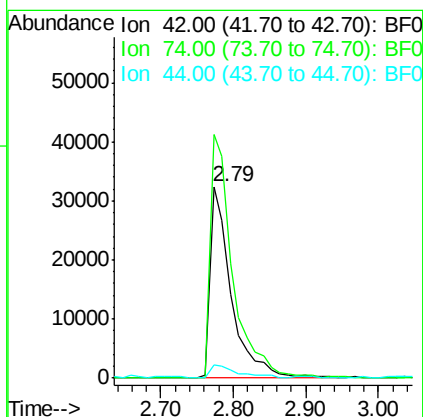
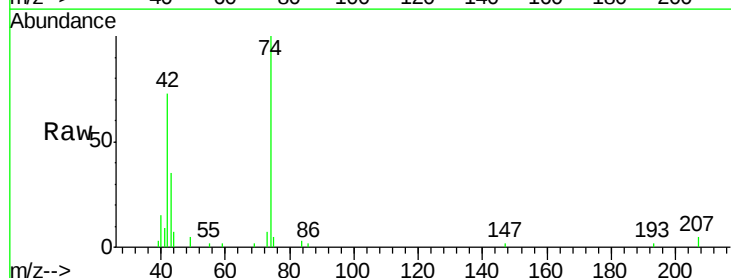
RT: 2.79 min Scan# 167

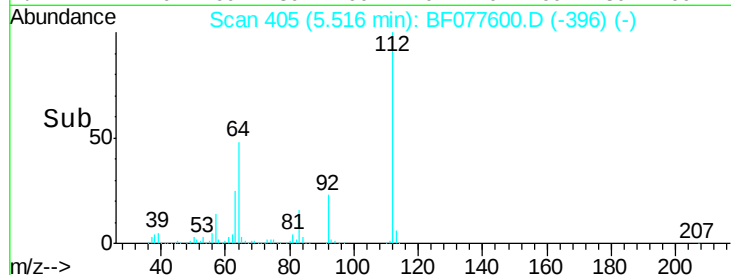
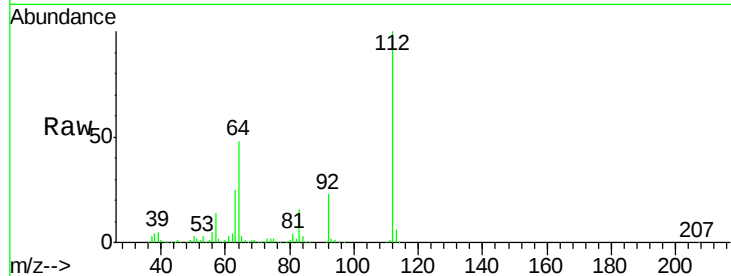
Delta R.T. 0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	42	Resp:	65358
Ion Ratio	Lower	Upper	
42	100		
74	136.5	107.1	160.7
44	9.2	6.7	10.1





#5

2-Fluorophenol

Concen: 107.79 ng

RT: 5.51 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	393272		
64	48.1	48.5	72.7#	
63	24.6	25.0	37.4#	

Instrument :

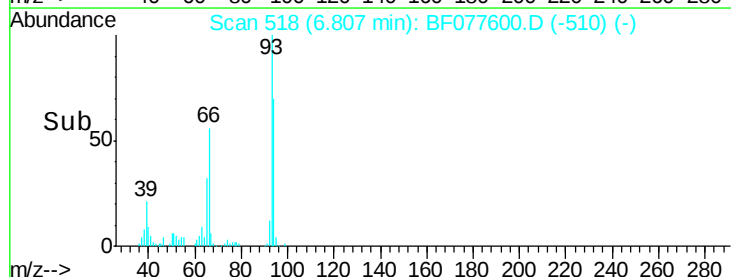
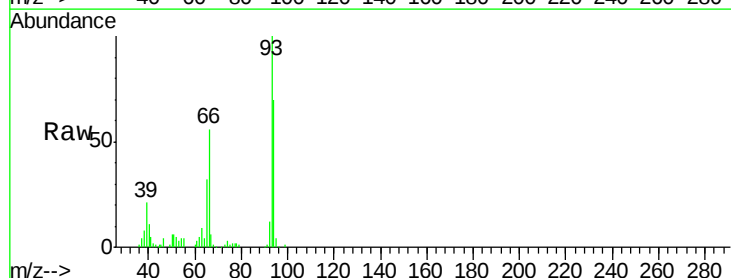
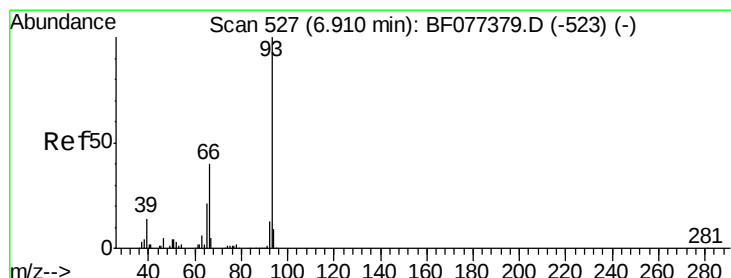
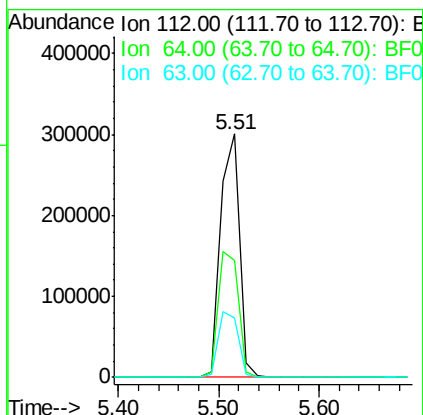
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 17.42 ng

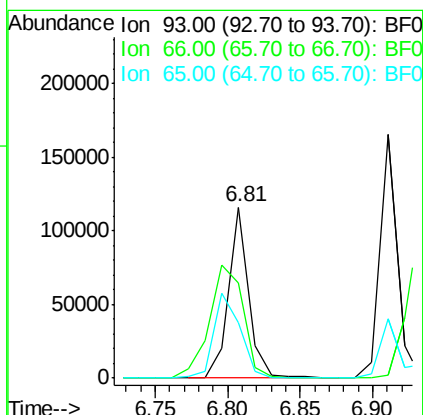
RT: 6.81 min Scan# 518

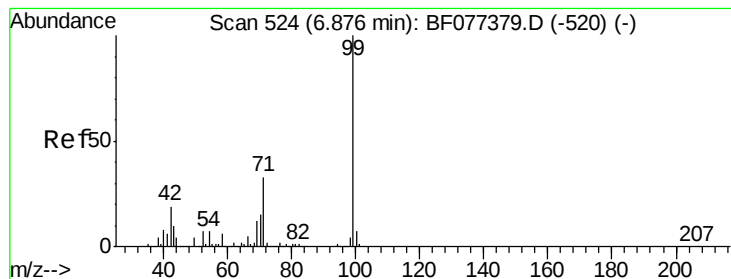
Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112972		
66	55.9	29.1	43.7#	
65	32.1	14.6	22.0#	





#7

Phenol-d6

Concen: 106.97 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

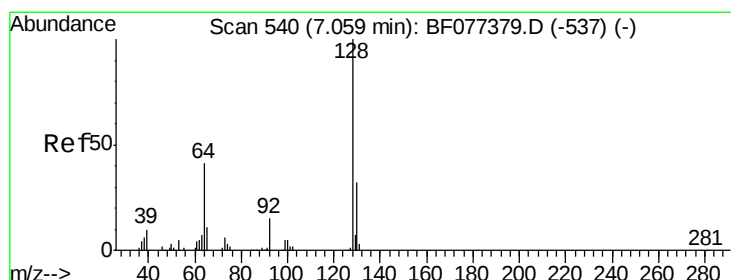
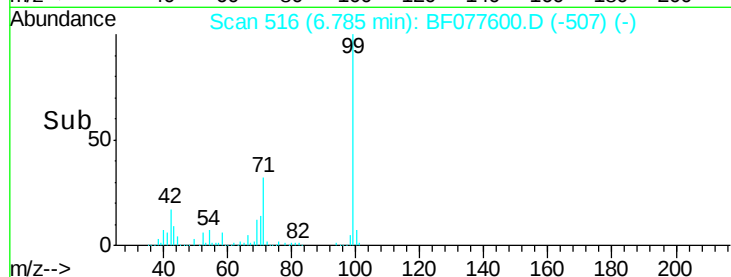
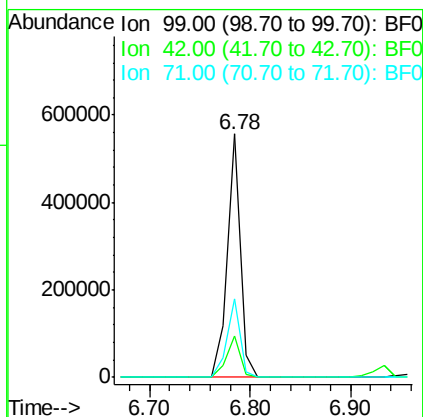
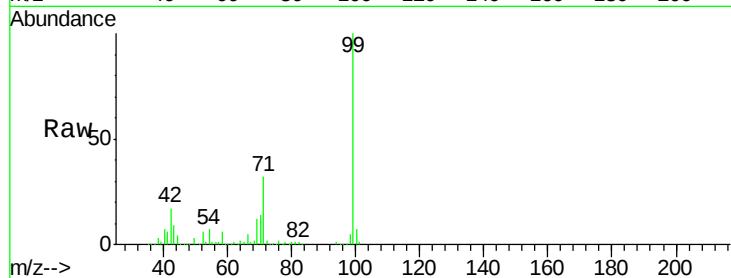
ClientSampleId :

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Tgt Ion:	99	Resp:	501795
Ion Ratio	Lower	Upper	
99	100		
42	17.2	16.2	24.4
71	32.3	26.7	40.1

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#8

2-Chlorophenol

Concen: 32.46 ng

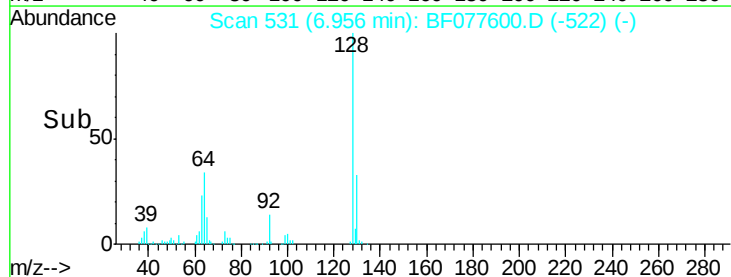
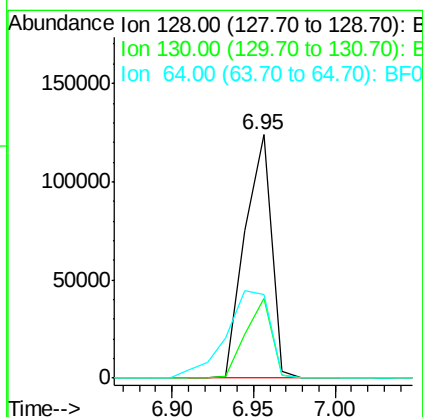
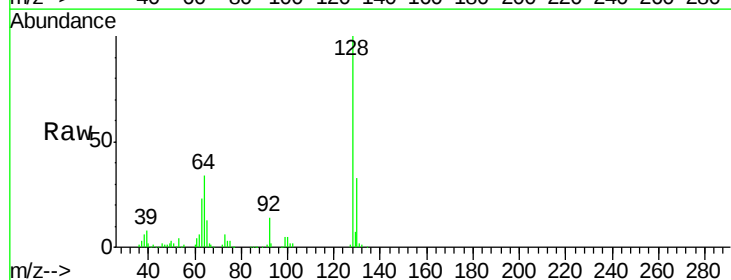
RT: 6.95 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	128	Resp:	139703
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	34.2	29.2	69.2





#9

Benzaldehyde

Concen: 8.41 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077600.D

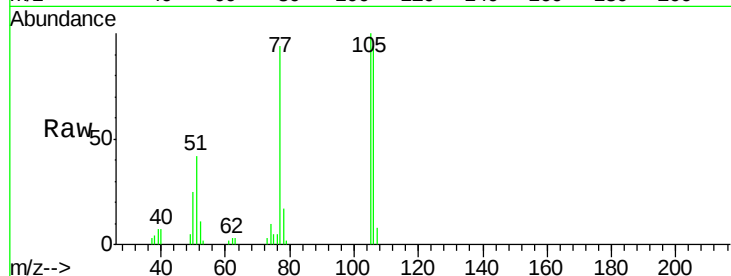
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Instrument :

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ClientSampleId :

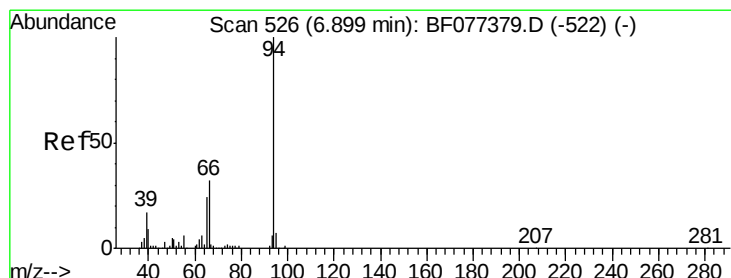
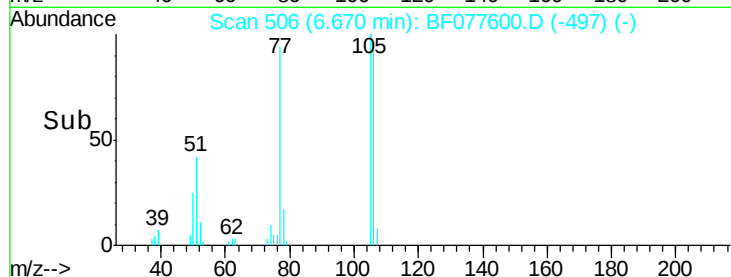
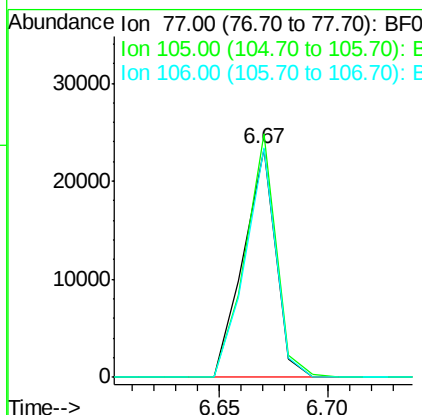
FK-PS-01-013MSD



Tgt Ion:	77	Resp:	23938
Ion Ratio	Lower	Upper	
77	100		
105	106.6	85.9	125.9
106	100.7	82.9	122.9

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#10

Phenol

Concen: 33.46 ng

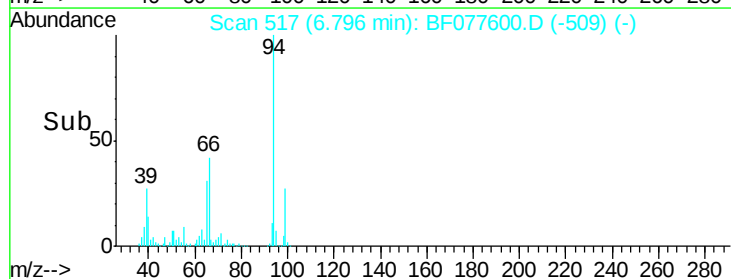
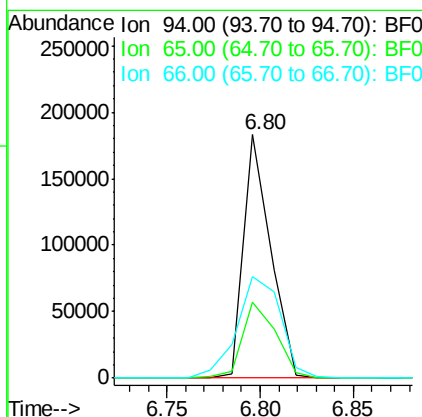
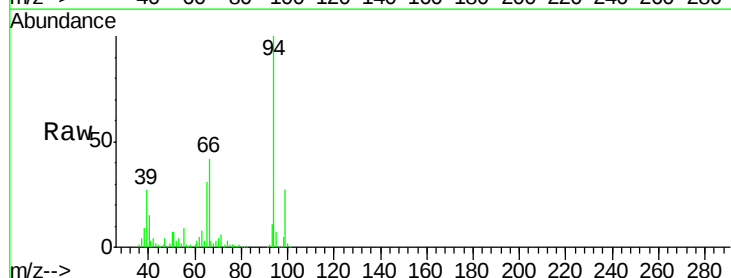
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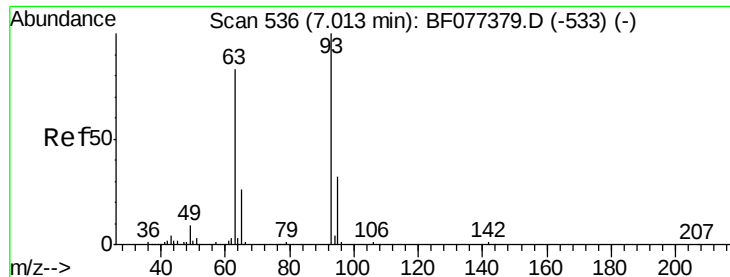
Delta R.T. -0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	94	Resp:	186219
Ion Ratio	Lower	Upper	
94	100		
65	31.3	5.7	45.7
66	41.7	13.6	53.6





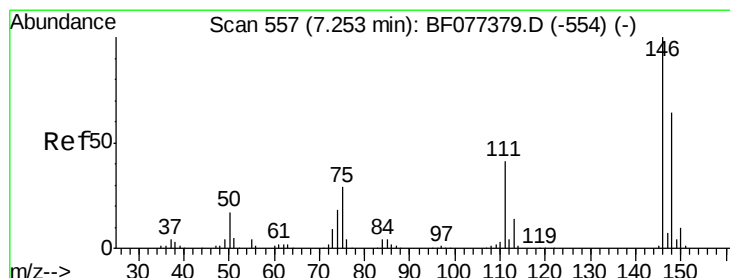
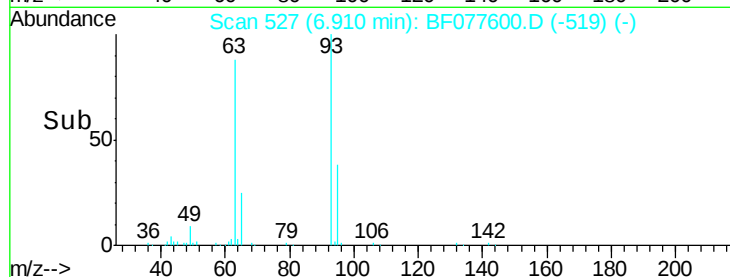
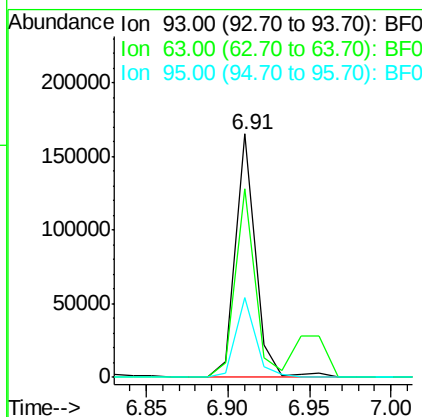
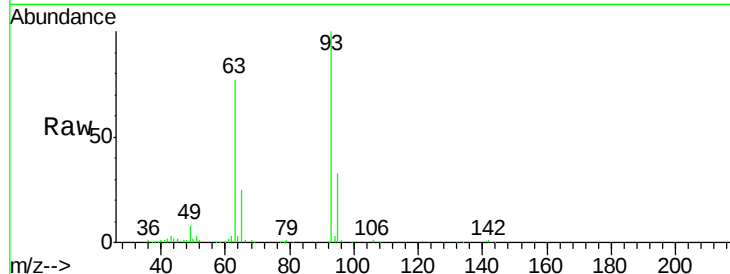
#11
bis(2-Chloroethyl)ether
Concen: 34.71 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	138842		
63	77.3	48.7	88.7	
95	32.6	13.6	53.6	

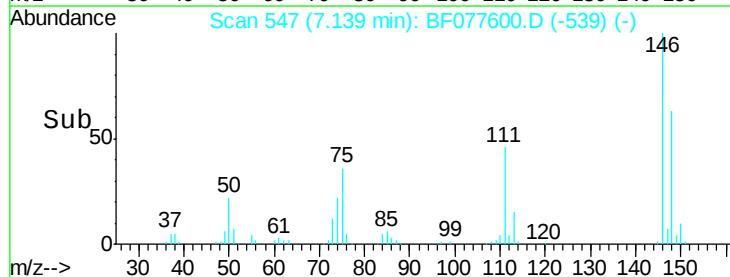
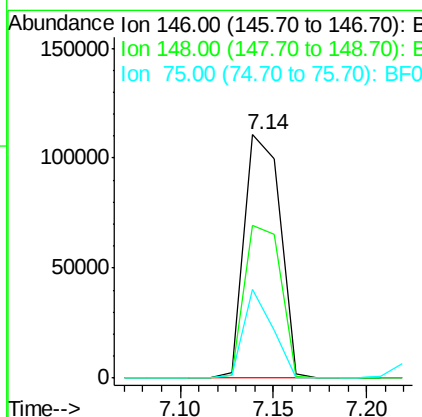
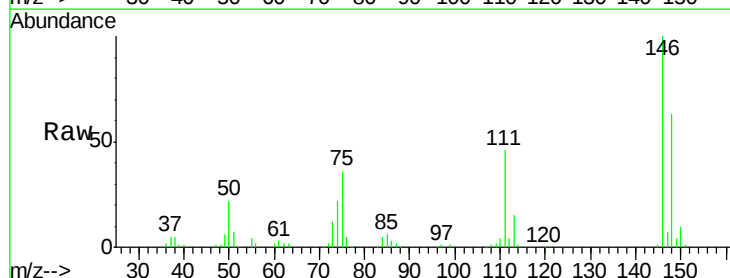
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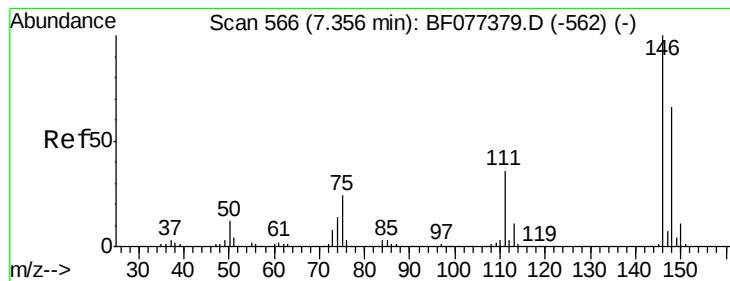
mohammad
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#12
1,3-Dichlorobenzene
Concen: 31.42 ng
RT: 7.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	147236		
148	62.9	49.8	74.8	
75	36.4	28.2	42.4	





#13

1,4-Dichlorobenzene

Concen: 31.79 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

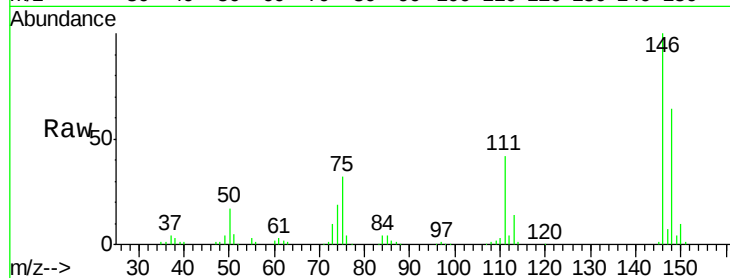
ClientSampleId :

FK-PS-01-013MSD

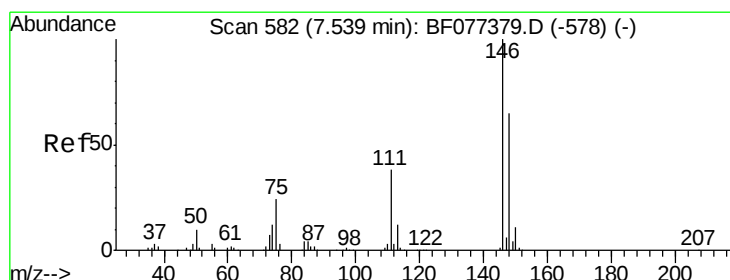
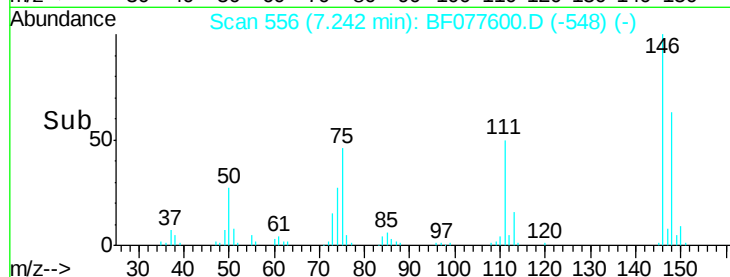
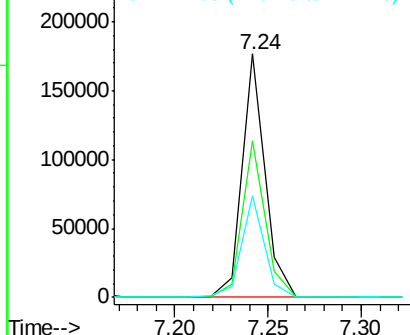
Tgt	Ion:146	Resp:	151546
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
111	41.8	31.9	47.9

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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: 32.90 ng

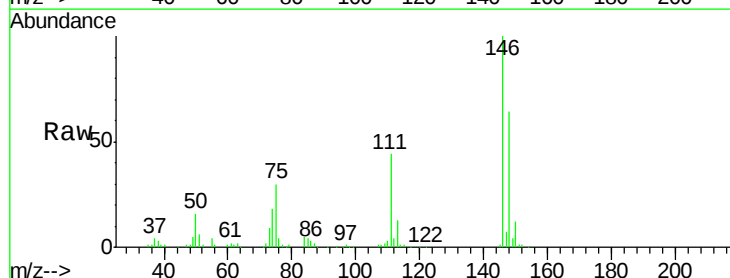
RT: 7.43 min Scan# 572

Delta R.T. -0.00 min

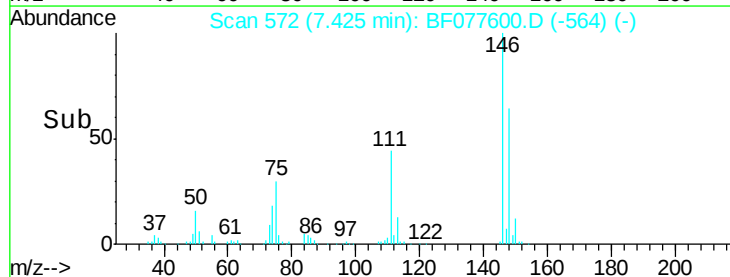
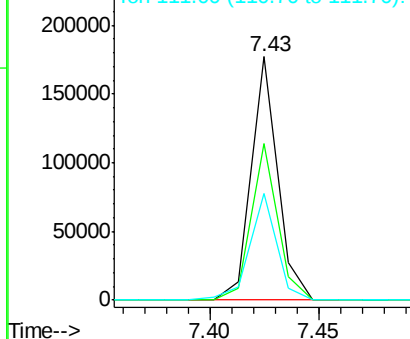
Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt	Ion:146	Resp:	149218
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	43.6	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: 32.67 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

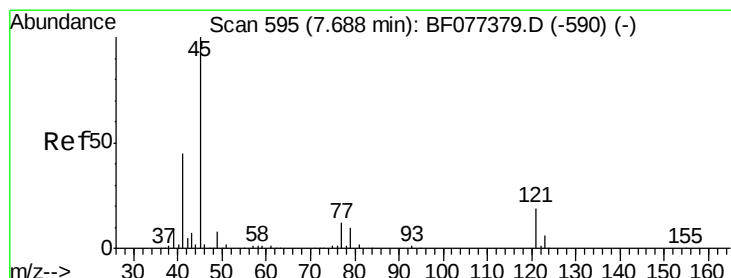
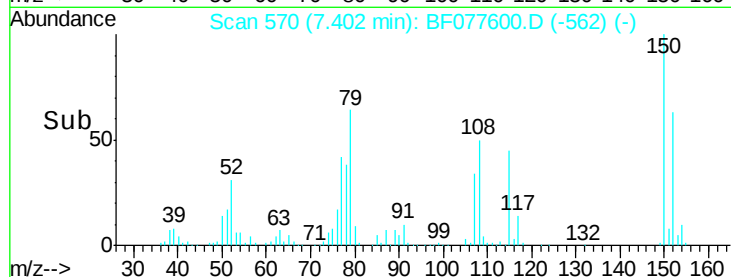
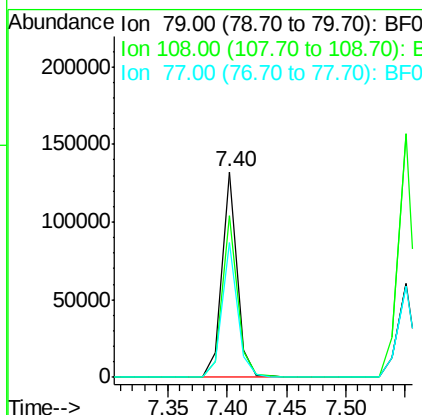
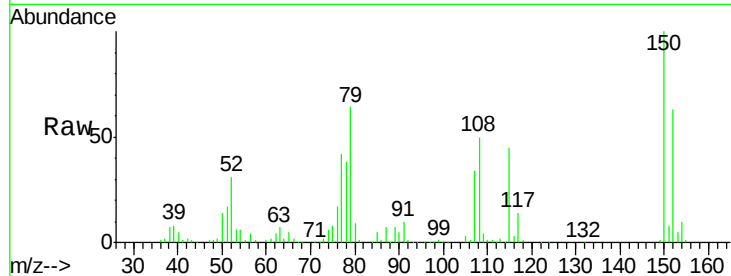
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	79	Resp:	116496
Ion Ratio	Lower	Upper	
79	100		
108	78.5	58.3	87.5
77	65.5	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.73 ng

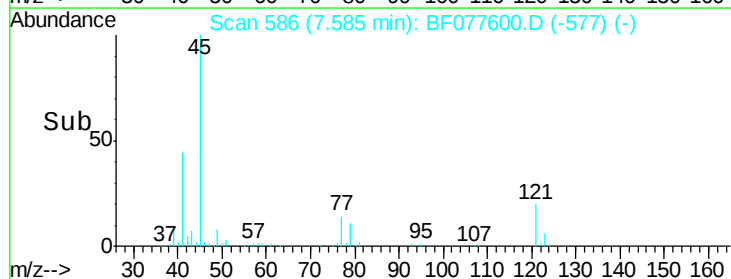
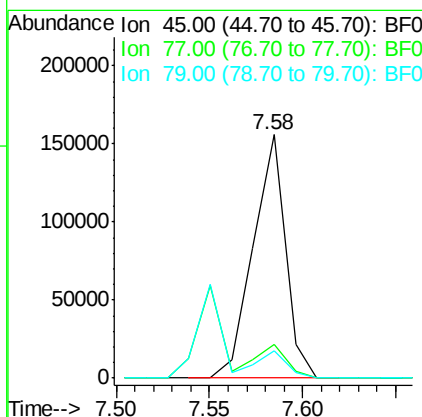
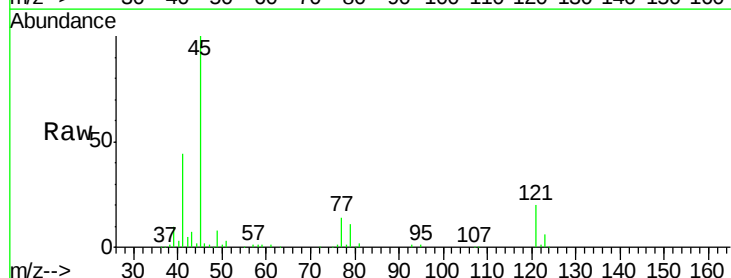
RT: 7.58 min Scan# 586

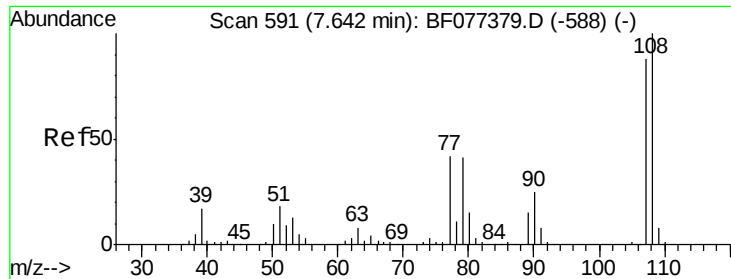
Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

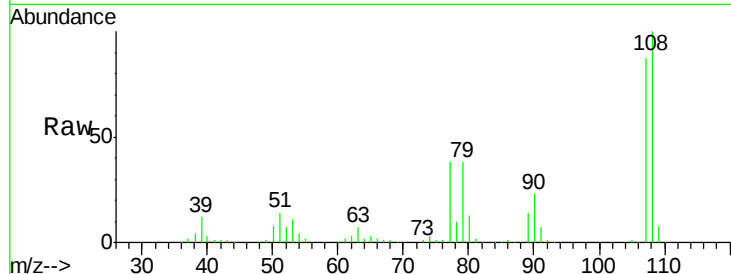
Tgt Ion:	45	Resp:	187144
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	34.6
79	11.1	0.0	31.5





#17
2-Methylphenol
Concen: 34.10 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

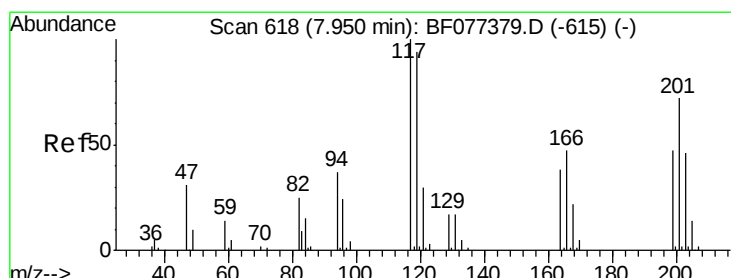
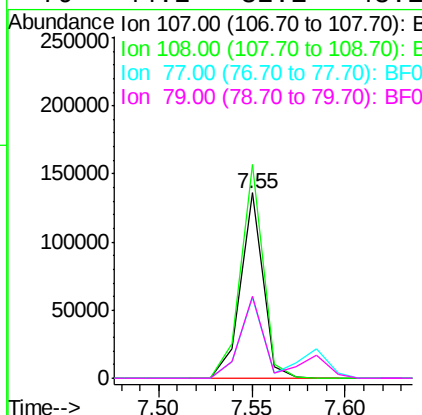
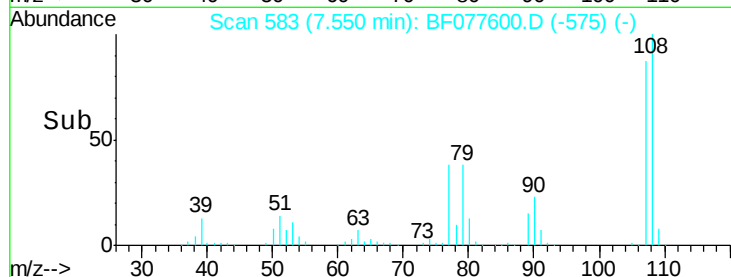
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	114701		
108	115.3	91.2	136.8	
77	43.5	33.6	50.4	
79	44.2	32.1	48.1	

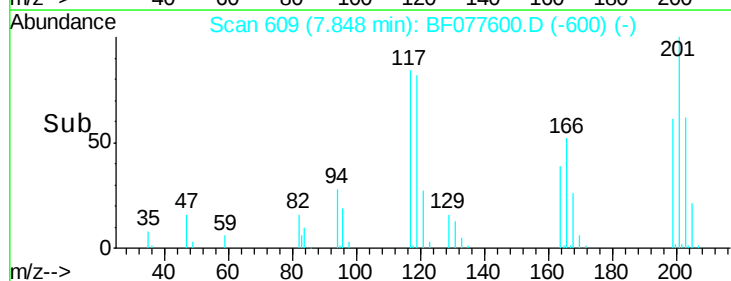
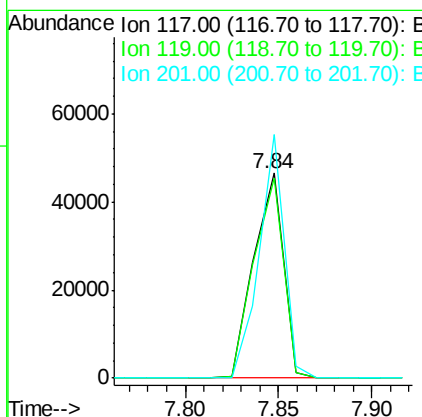
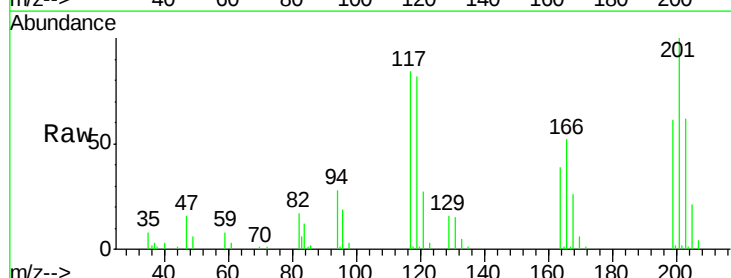
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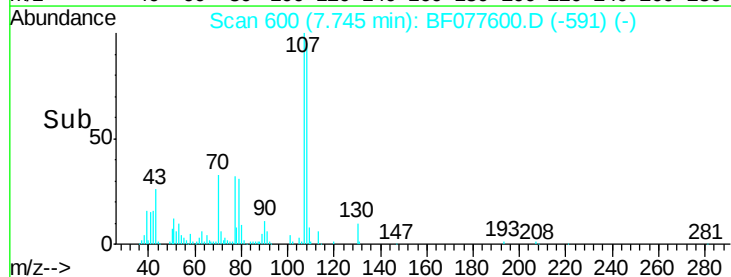
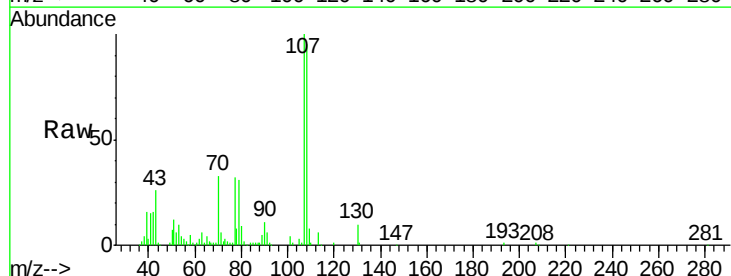
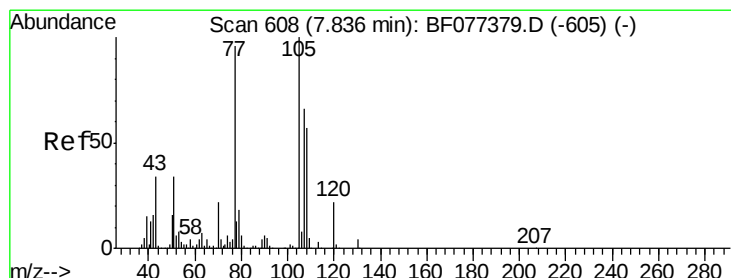
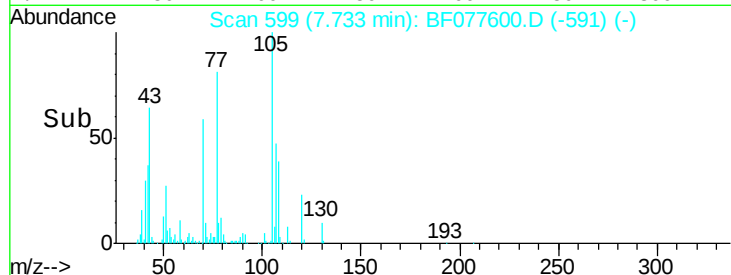
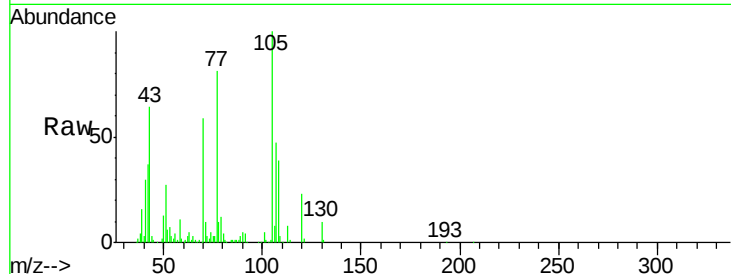
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#18
Hexachloroethane
Concen: 31.97 ng
RT: 7.84 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50910		
119	97.4	77.8	116.8	
201	118.7	90.6	136.0	

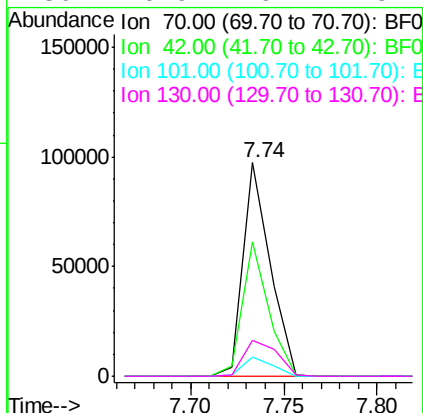




#19
n-Nitroso-di-n-propylamine
Concen: 32.87 ng
RT: 7.74 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		97930		
42	63.0	48.3	72.5		
101	8.8	7.5	11.3		
130	16.9	16.7	25.1		

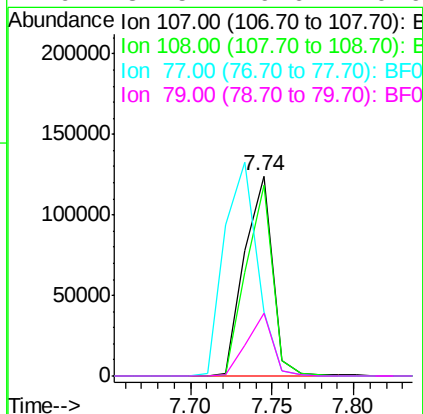


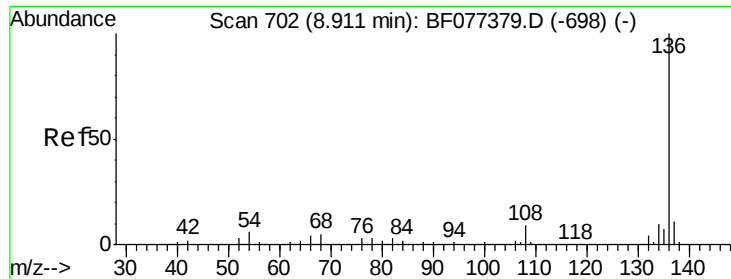
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#20
3+4-Methylphenols
Concen: 33.38 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		147914		
108	95.2	76.8	116.8		
77	32.0	65.8	105.8		
79	31.5	9.6	49.6		





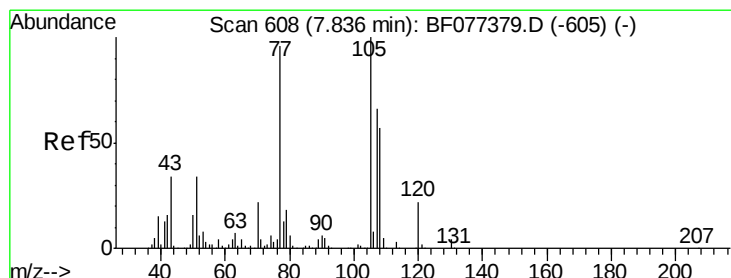
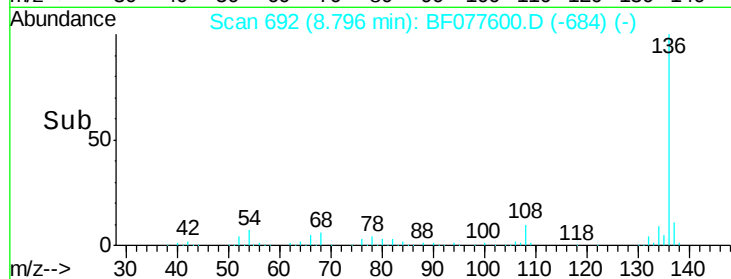
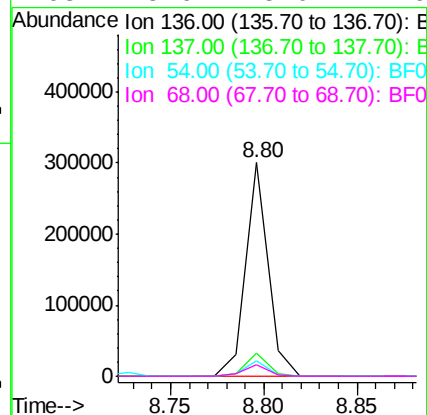
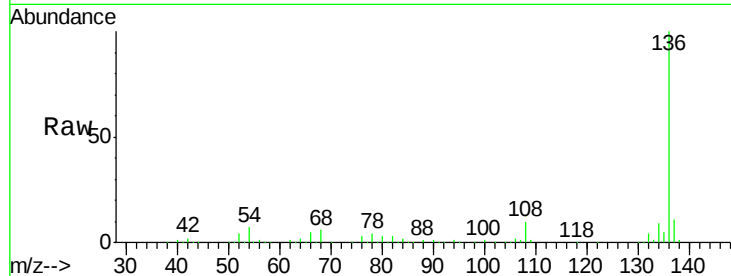
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	251974		
137	10.7	8.6	13.0	
54	7.1	6.2	9.4	
68	5.6	5.0	7.6	

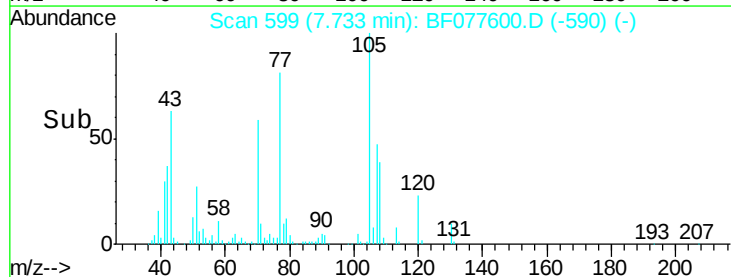
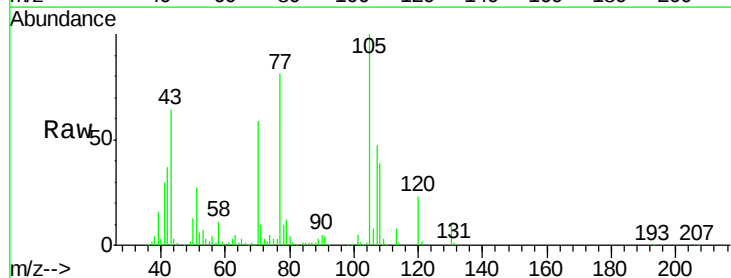
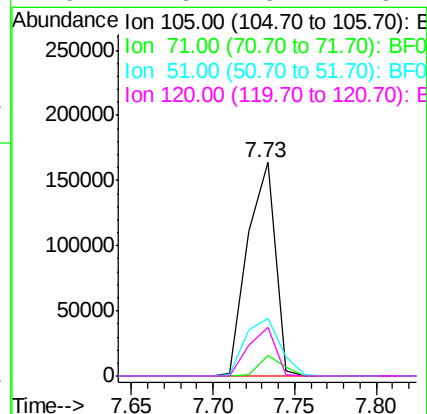
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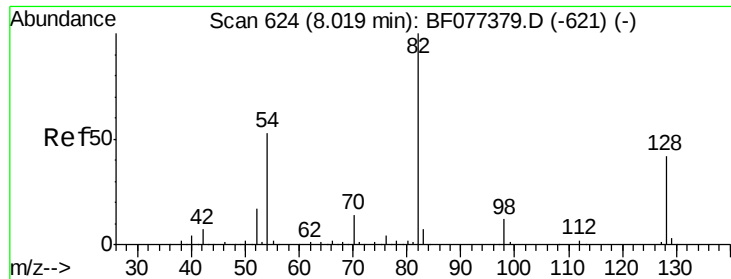
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#22
Acetophenone
Concen: 32.57 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193058		
71	9.8	1.7	2.5#	
51	27.2	30.7	46.1#	
120	22.5	16.7	25.1	





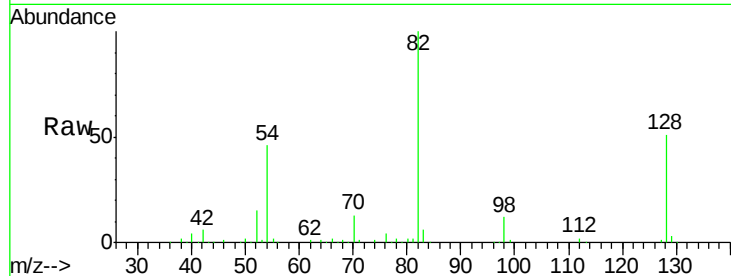
#23
 Nitrobenzene-d5
 Concen: 73.95 ng
 RT: 7.91 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

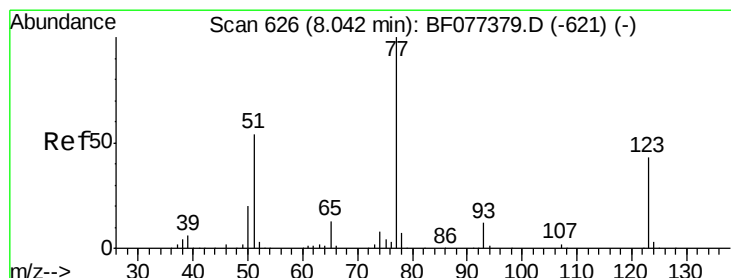
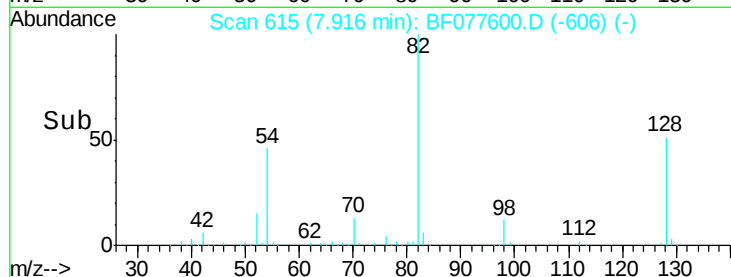
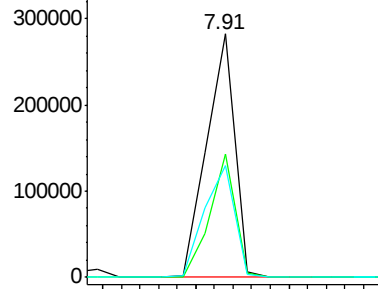
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	299636		
128	50.6	43.8	65.8	
54	46.0	36.7	55.1	

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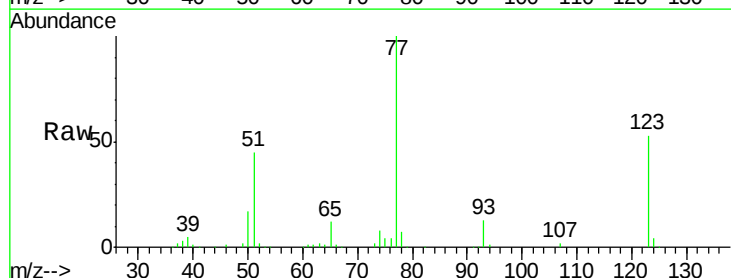


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

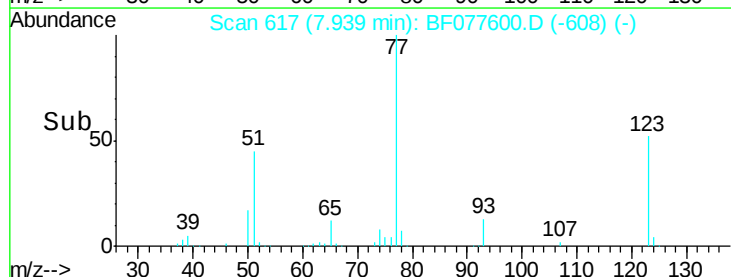
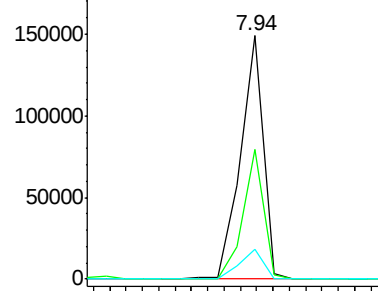


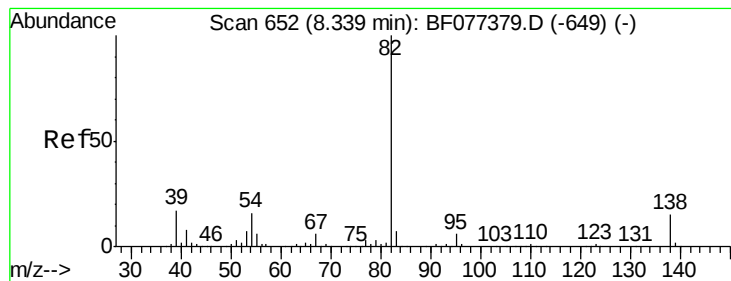
#24
 Nitrobenzene
 Concen: 34.15 ng
 RT: 7.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	145592		
123	53.1	45.9	68.9	
65	12.3	9.5	14.3	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.48 ng

RT: 8.23 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

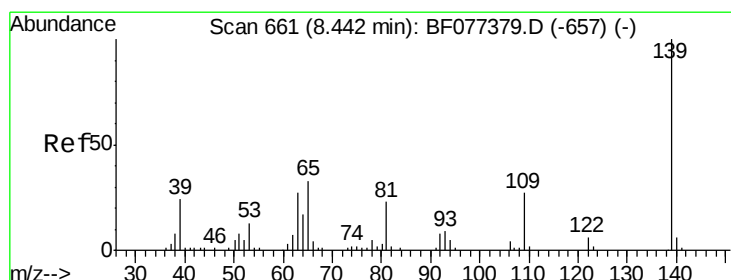
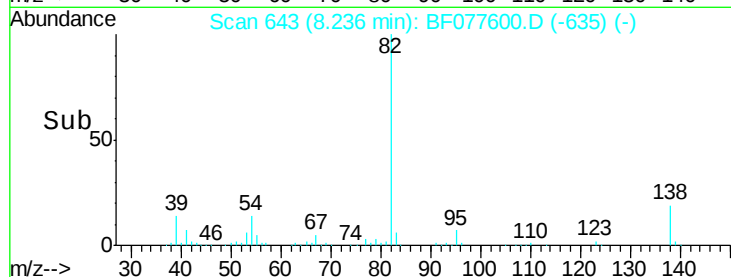
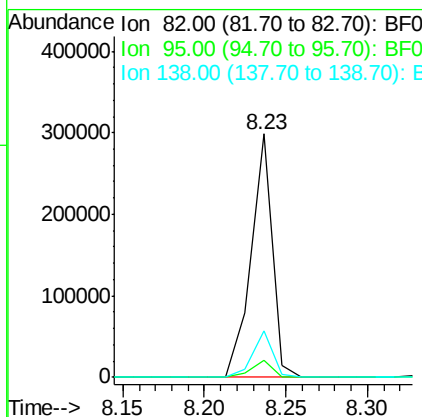
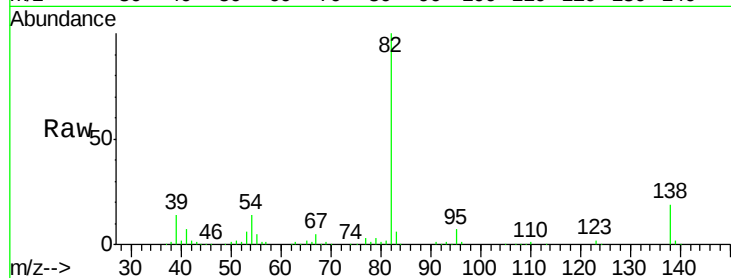
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	82	Resp:	269157
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.9	16.3	24.5

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#26

2-Nitrophenol

Concen: 38.65 ng

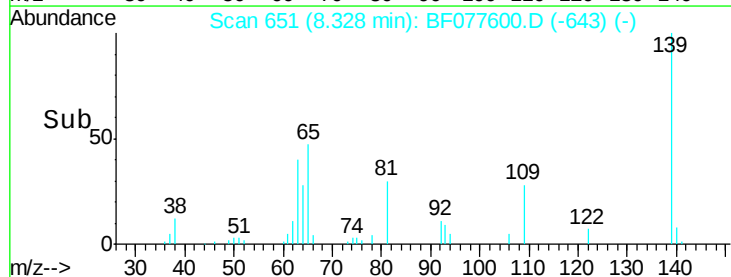
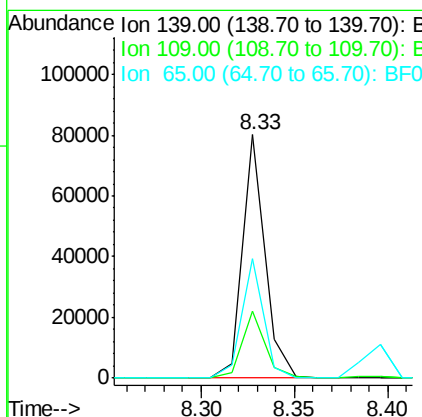
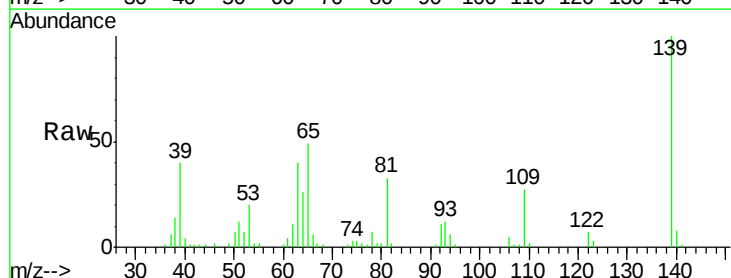
RT: 8.33 min Scan# 651

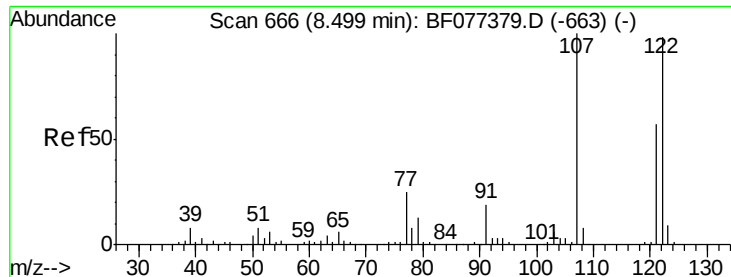
Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	139	Resp:	67534
Ion Ratio		Lower	Upper
139	100		
109	27.3	22.6	34.0
65	49.3	36.4	54.6





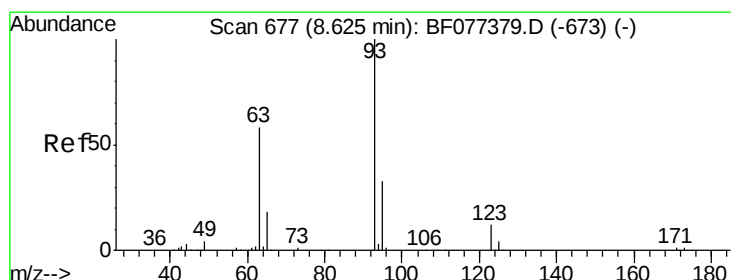
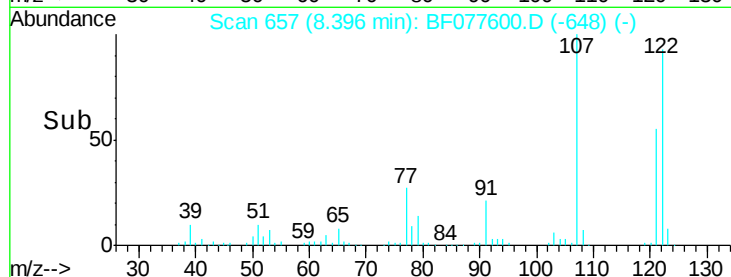
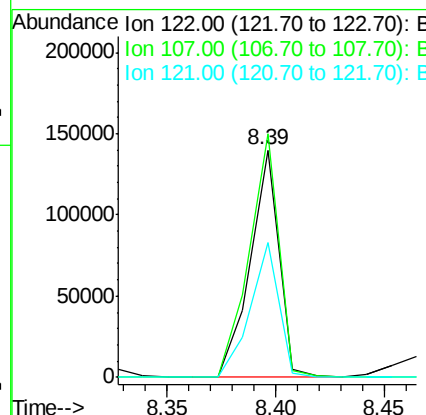
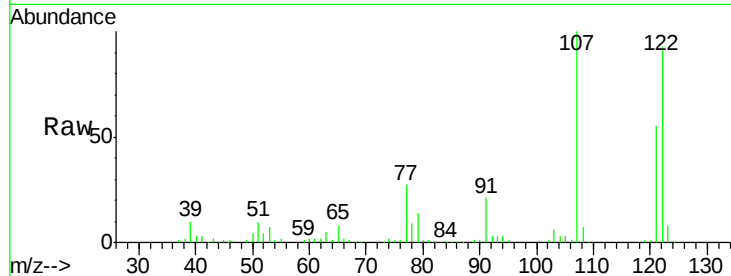
#27
2,4-Dimethylphenol
Concen: 32.82 ng
RT: 8.39 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	128303		
107	107.0	86.6	130.0	
121	59.3	47.4	71.0	

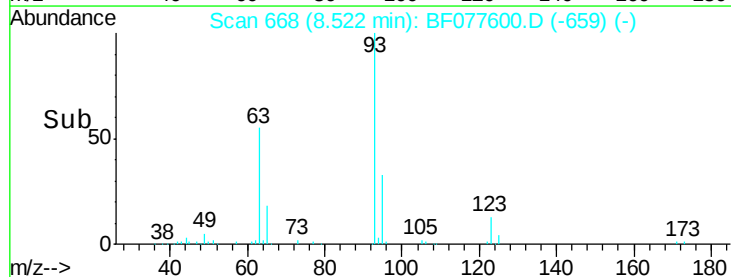
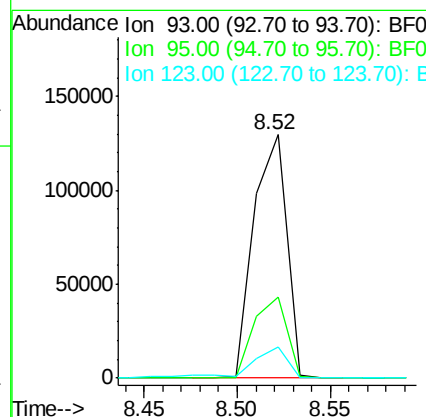
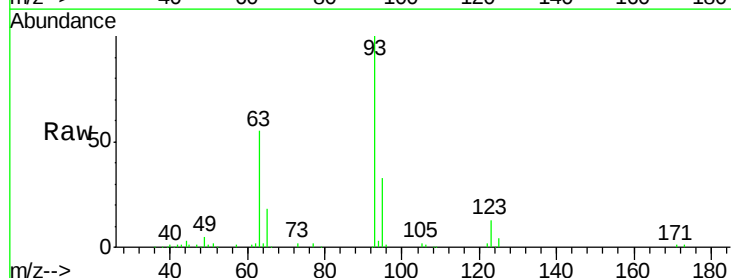
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#28
bis(2-Chloroethoxy)methane
Concen: 31.14 ng
RT: 8.52 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158163		
95	33.3	26.4	39.6	
123	12.9	8.7	13.1	





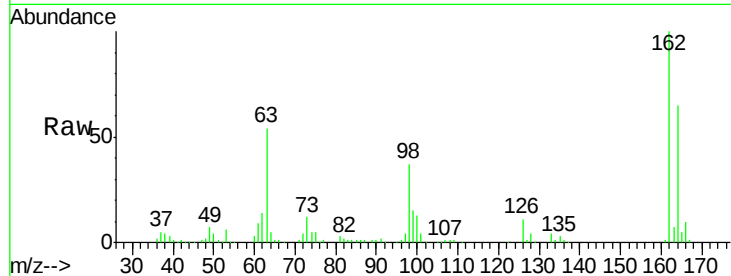
#29
 2,4-Dichlorophenol
 Concen: 32.89 ng
 RT: 8.63 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

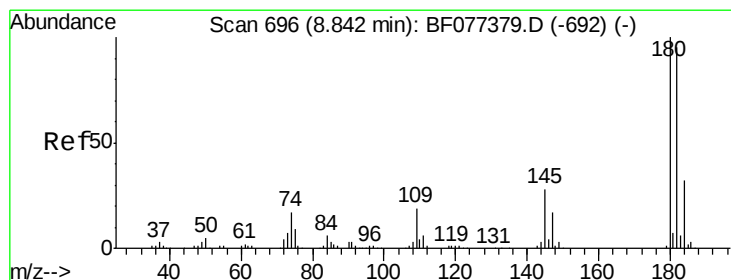
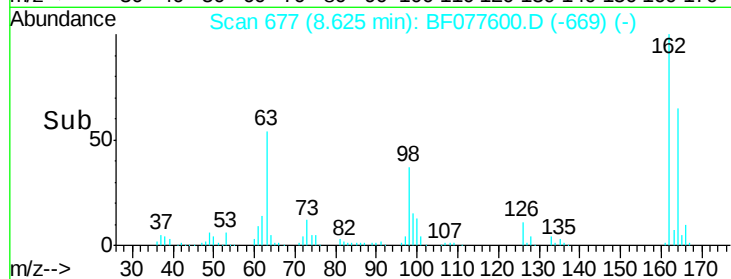
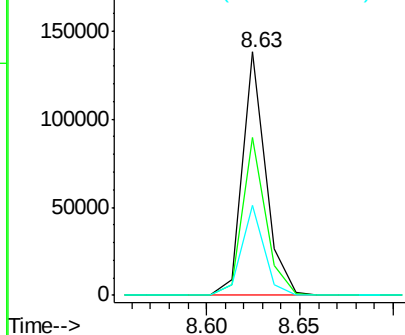
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	46.4	86.4
98	37.0	6.9	46.9

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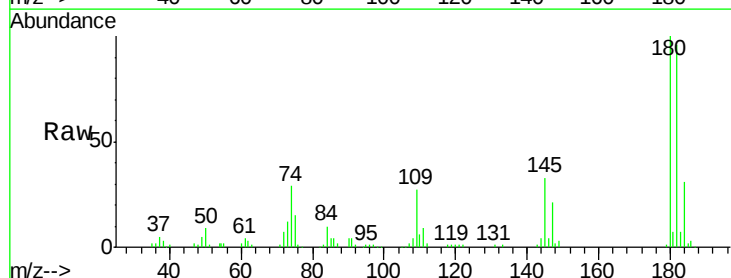


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

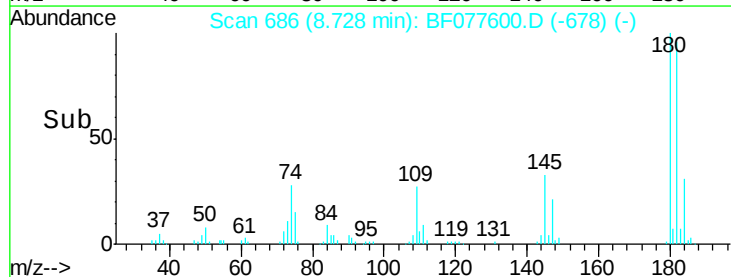
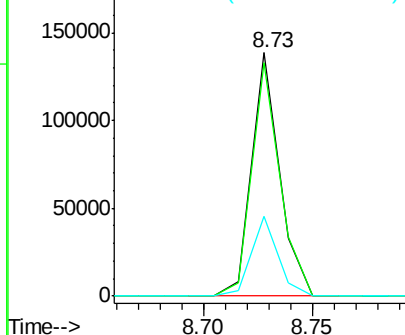


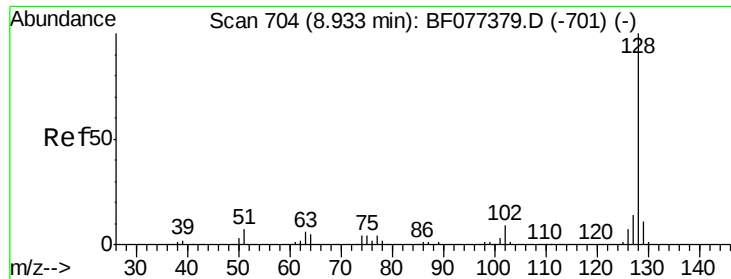
#30
 1,2,4-Trichlorobenzene
 Concen: 30.55 ng
 RT: 8.73 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	76.2	114.4
145	32.5	24.5	36.7



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





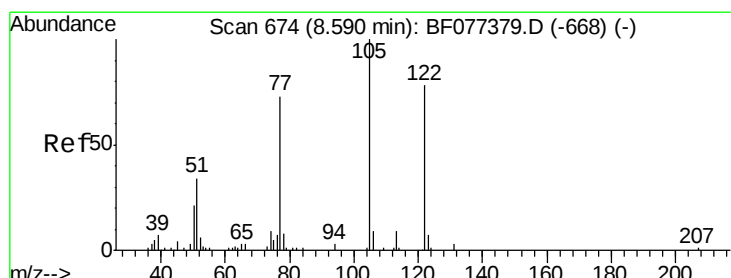
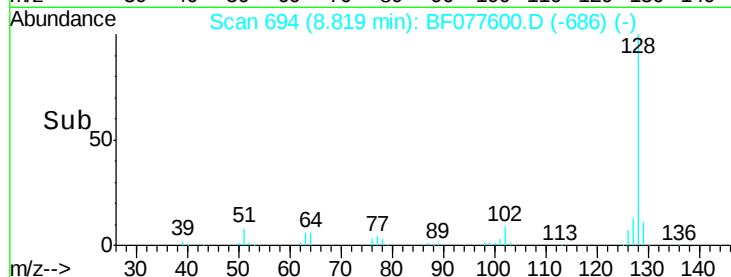
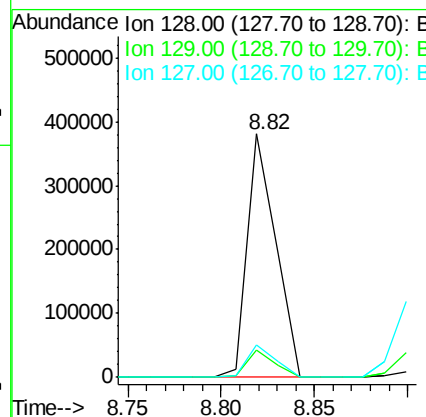
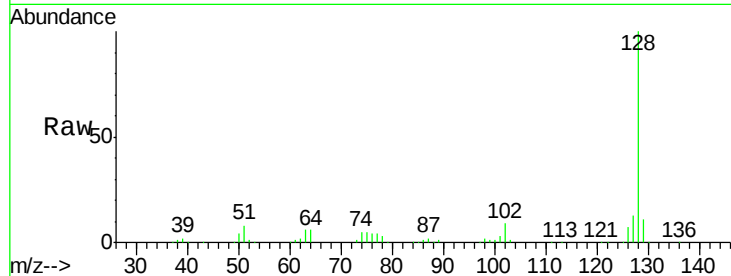
#31
Naphthalene
Concen: 32.00 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	403219		
129	11.5	9.4	14.0	
127	13.2	10.6	15.8	

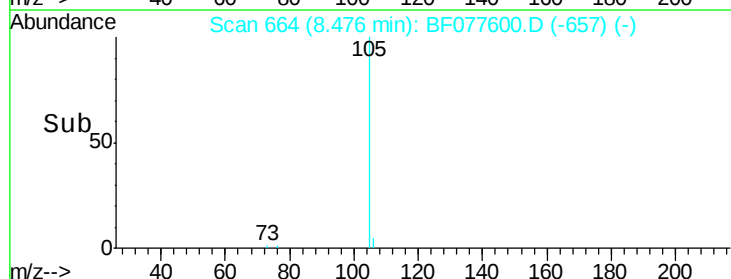
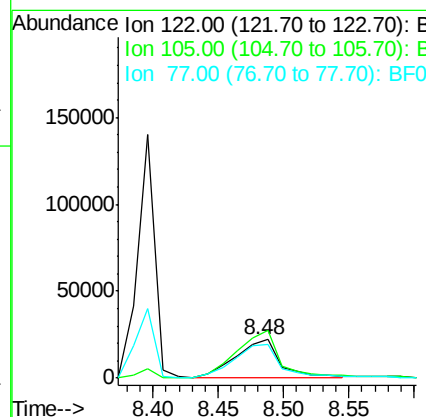
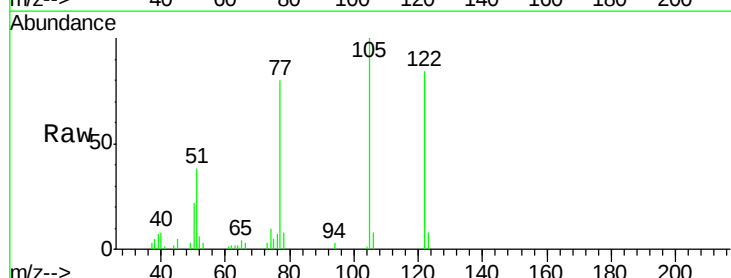
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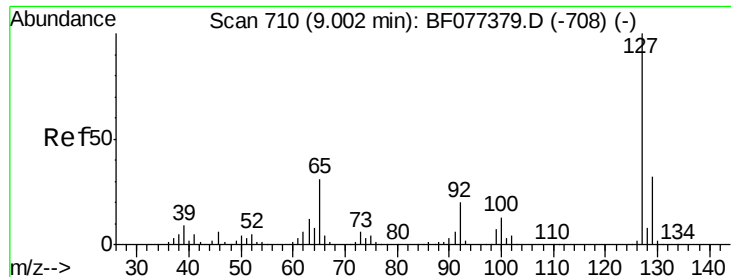
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#32
Benzoic acid
Concen: 27.09 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	51459		
105	119.0	100.3	140.3	
77	95.5	68.7	108.7	





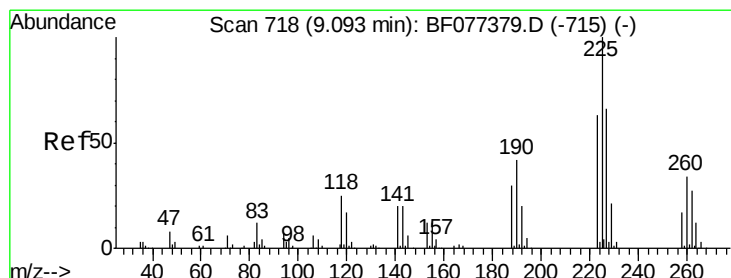
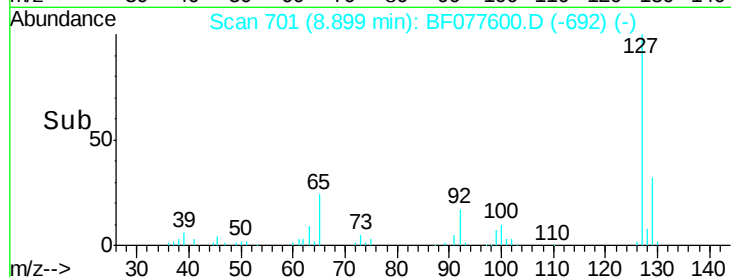
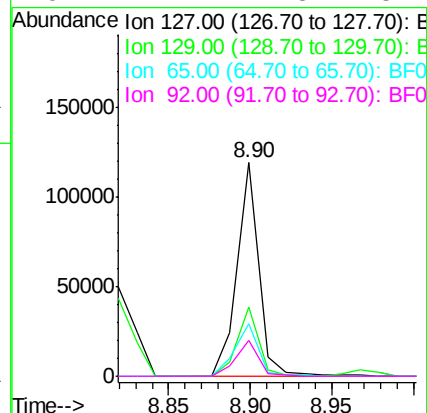
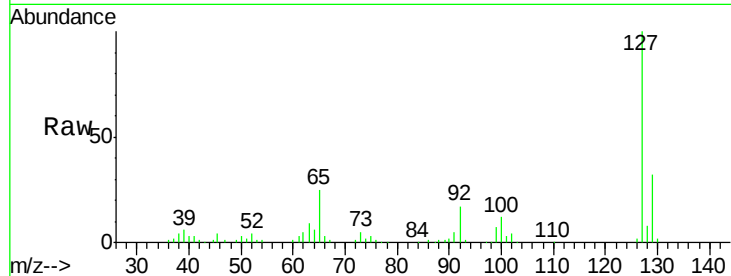
#33
4-Chloroaniline
Concen: 19.46 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.9	40.3		
65	24.7	16.7	25.1		
92	17.1	12.5	18.7		

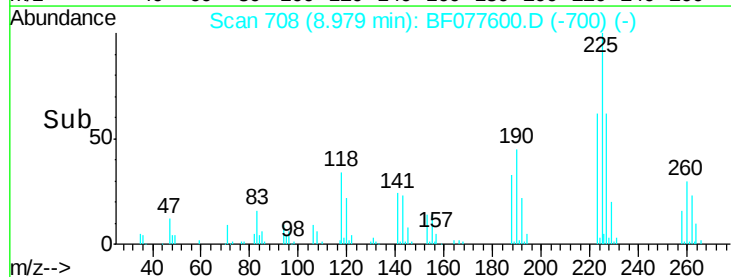
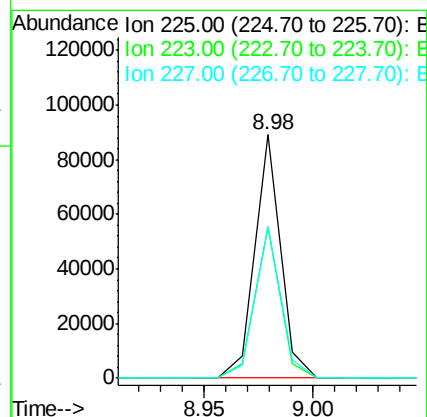
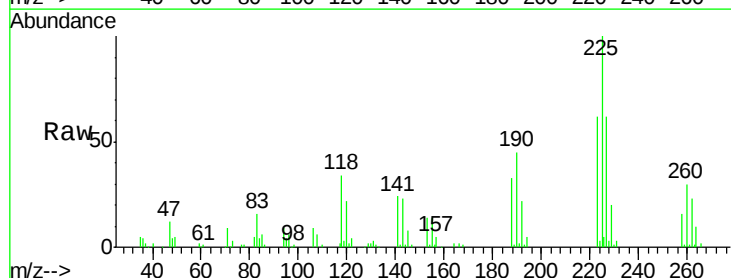
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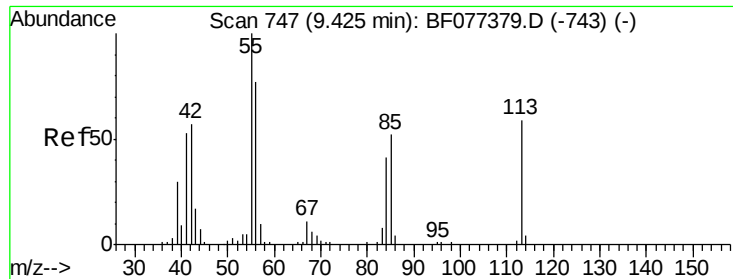
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#34
Hexachlorobutadiene
Concen: 31.92 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	49.5	74.3		
227	62.2	50.5	75.7		





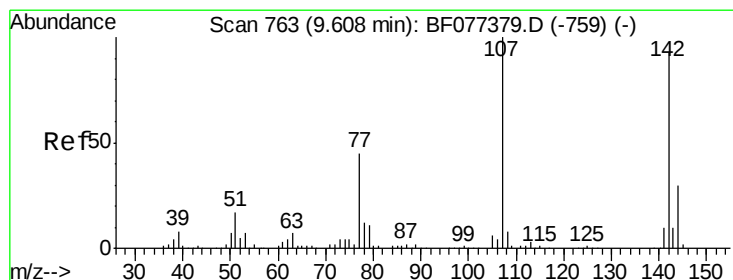
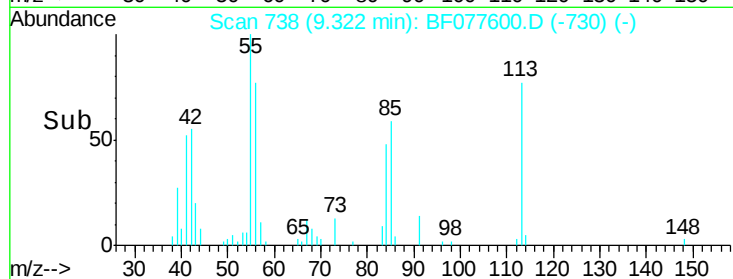
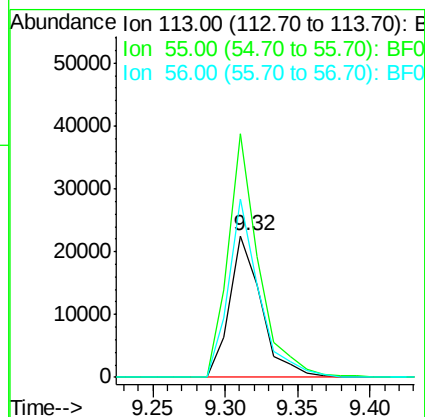
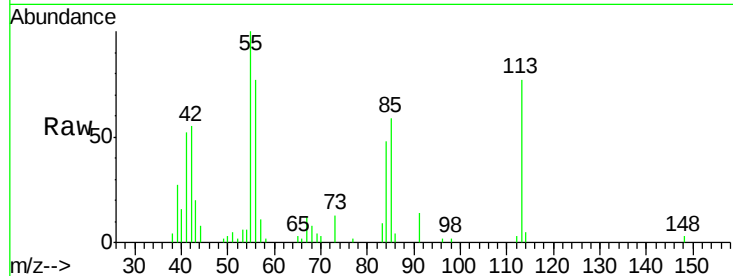
#35
 Caprolactam
 Concen: 30.72 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion:113 Resp: 34416
 Ion Ratio Lower Upper
 113 100
 55 130.6 154.6 194.6#
 56 101.0 114.0 154.0#

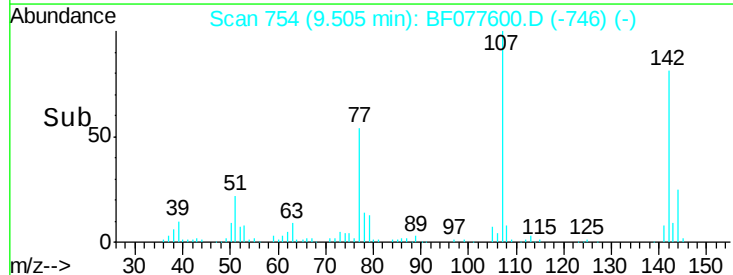
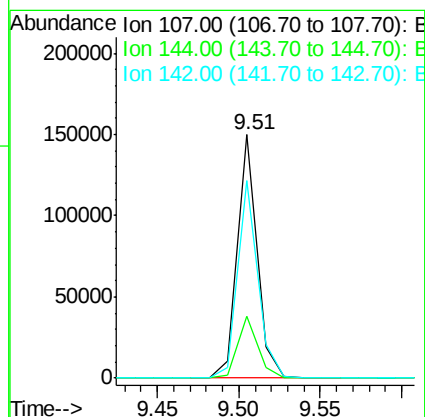
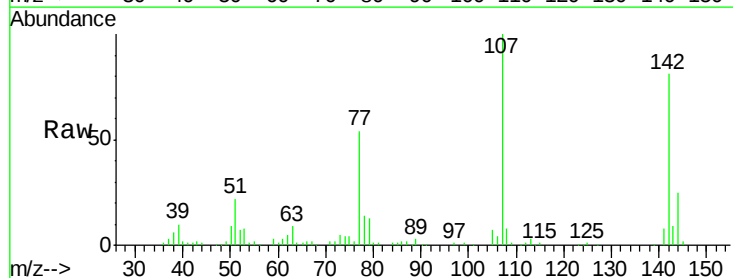
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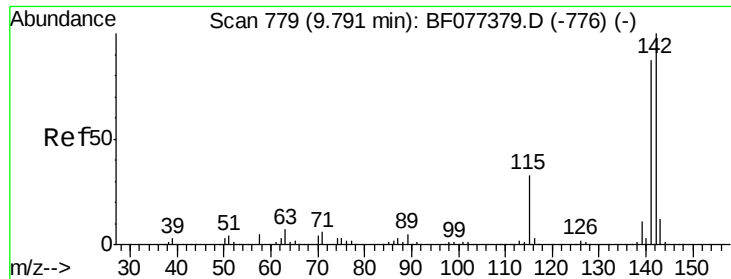
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#36
 4-Chloro-3-methylphenol
 Concen: 33.82 ng
 RT: 9.51 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

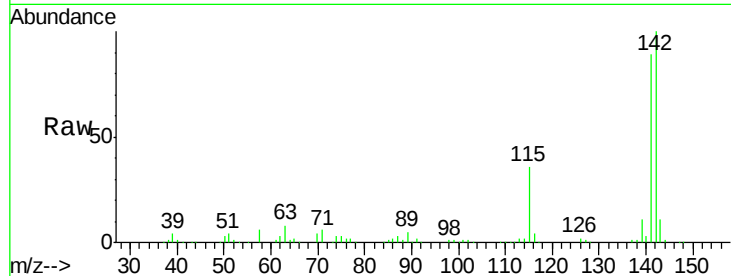
Tgt Ion:107 Resp: 124769
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.1 31.7
 142 81.2 65.3 97.9





#37
 2-Methylnaphthalene
 Concen: 31.64 ng
 RT: 9.68 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

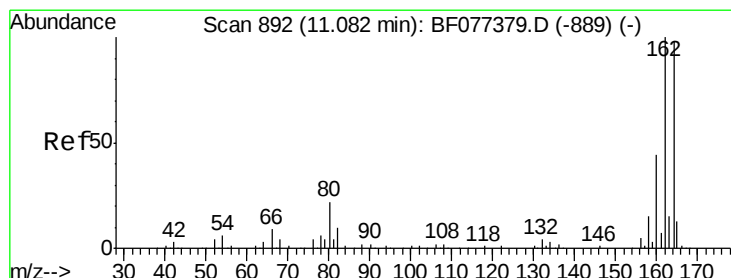
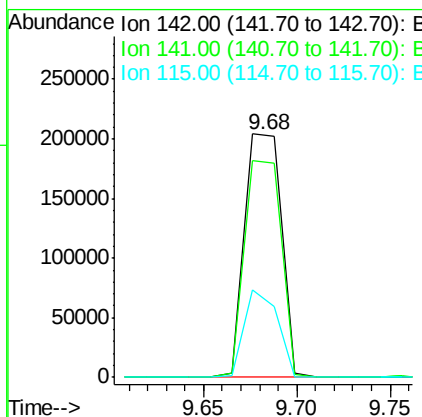
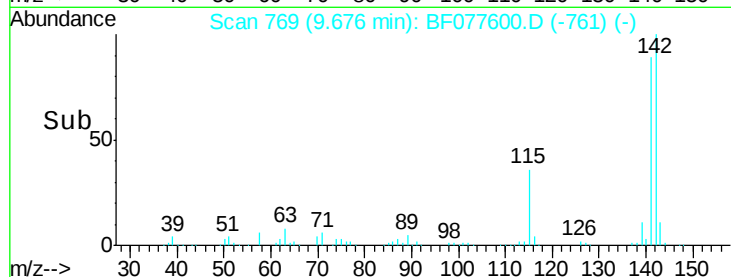
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1
115	35.7	24.2	36.4

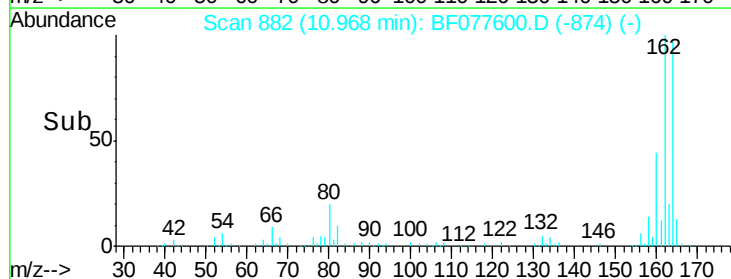
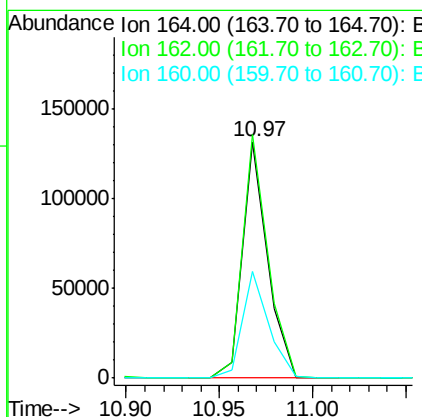
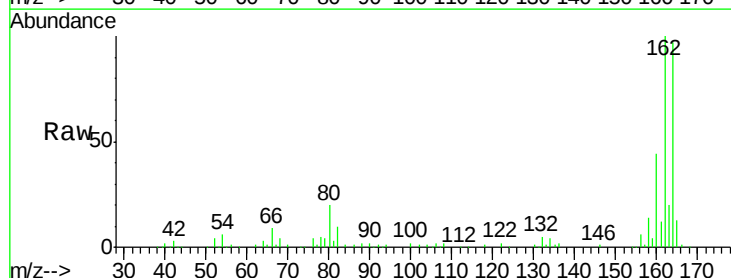
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.2	124.8
160	45.4	34.6	52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.71 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

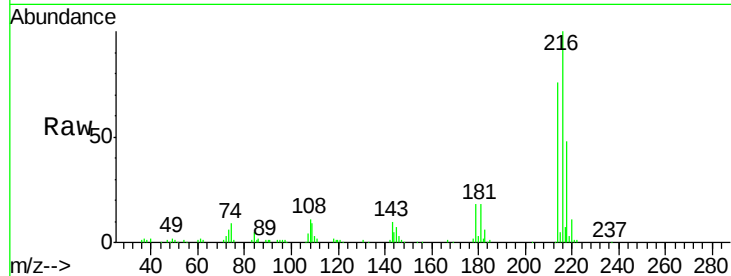
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	216	Resp:	122667
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.4	95.0
179	20.8	16.6	25.0
108	20.9	14.2	21.4

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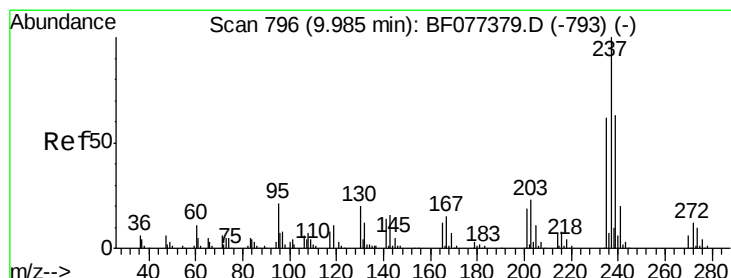
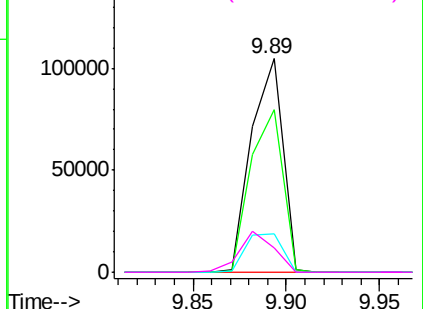
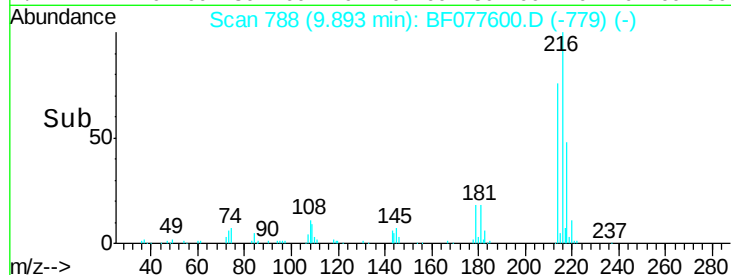


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.64 ng

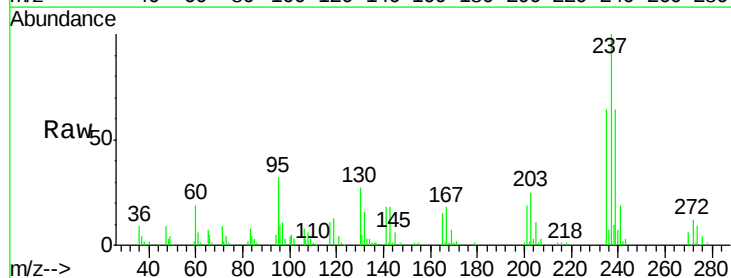
RT: 9.88 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

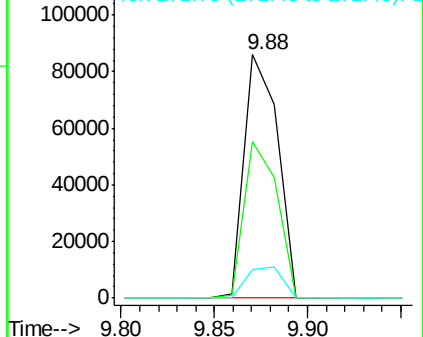
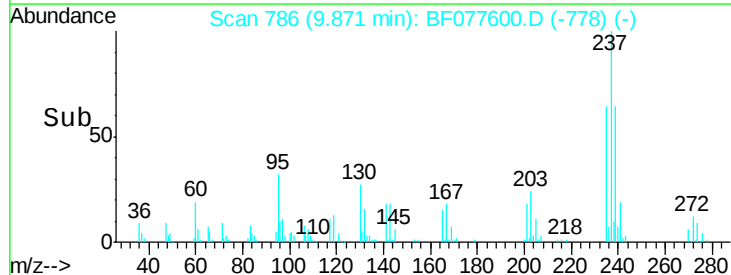
Tgt Ion:	237	Resp:	107320
Ion Ratio	Lower	Upper	
237	100		
235	64.1	41.0	81.0
272	11.9	0.0	34.3

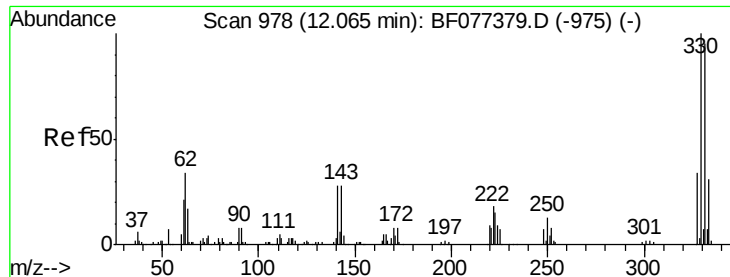


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





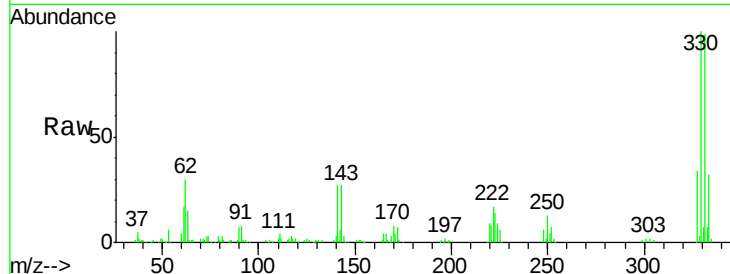
#41
 2,4,6-Tribromophenol
 Concen: 111.17 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

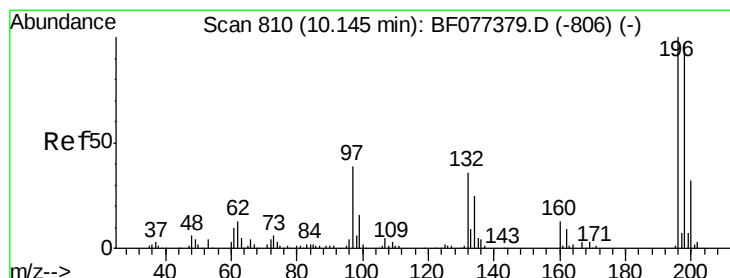
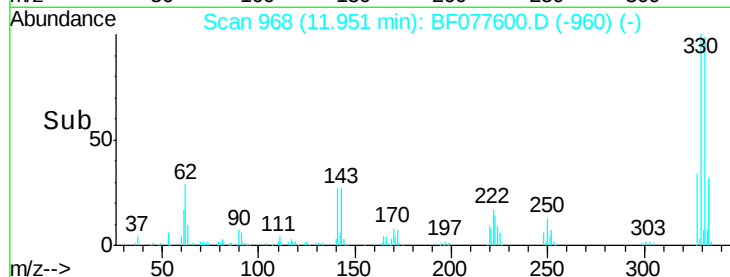
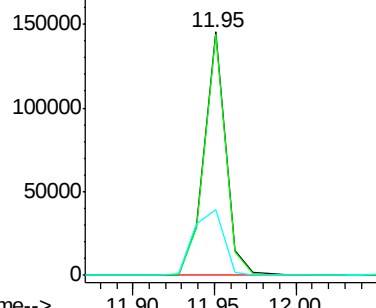
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	131825		
332	98.4	77.4	116.2	
141	38.2	28.8	43.2	

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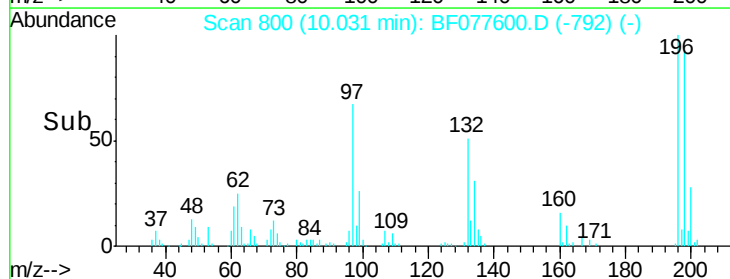
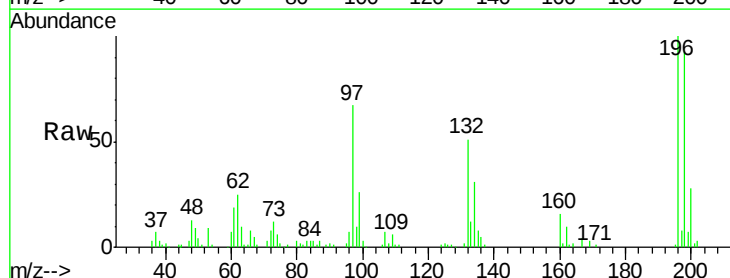
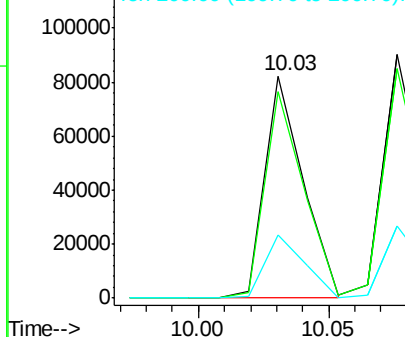
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.02 ng
 RT: 10.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84289		
198	93.2	75.8	113.8	
200	28.4	24.2	36.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





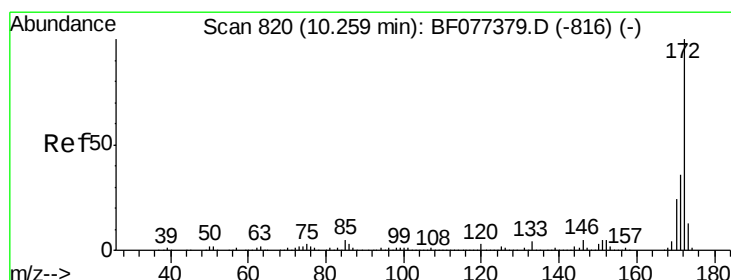
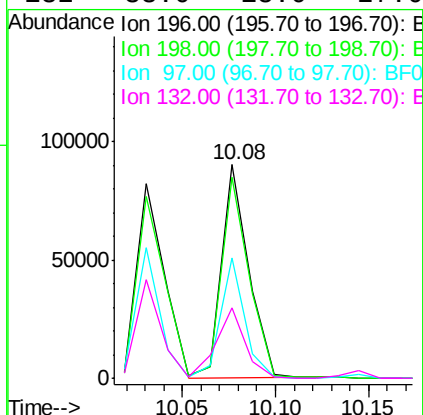
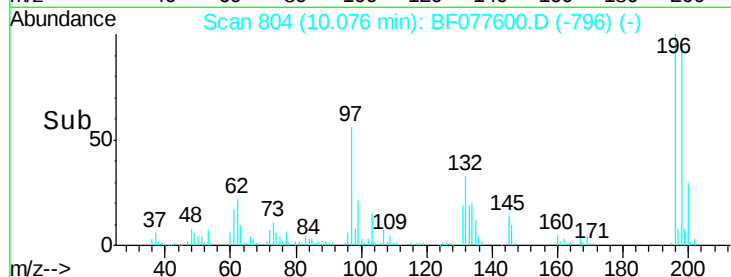
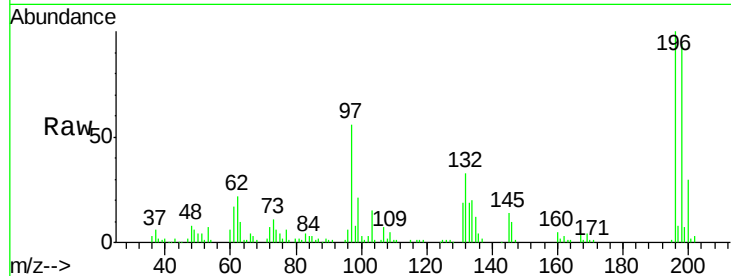
#43
 2,4,5-Trichlorophenol
 Concen: 36.51 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion:	196	Resp:	91352
Ion Ratio	Lower	Upper	
196	100		
198	94.3	77.2	115.8
97	56.4	27.7	41.5#
132	33.0	18.0	27.0#

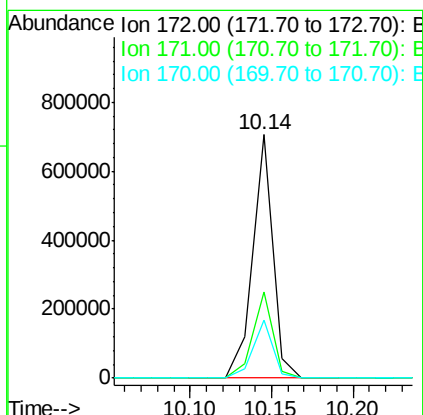
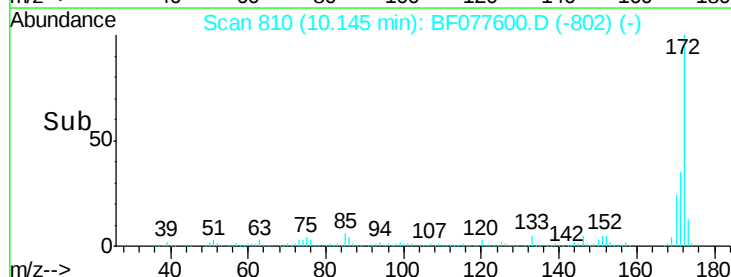
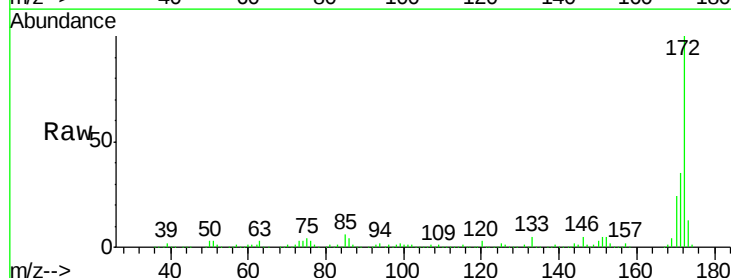
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#44
 2-Fluorobiphenyl
 Concen: 76.96 ng
 RT: 10.14 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion:	172	Resp:	607884
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.9	43.3
170	23.6	19.4	29.2





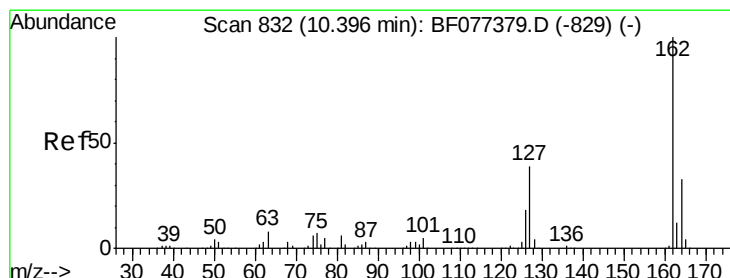
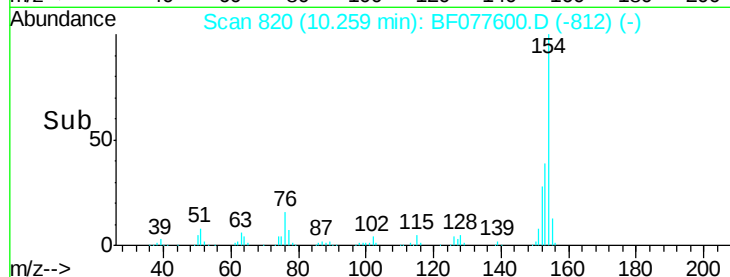
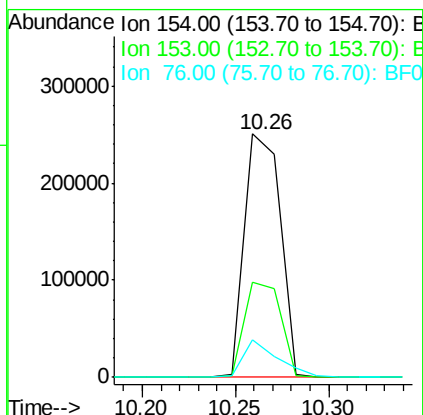
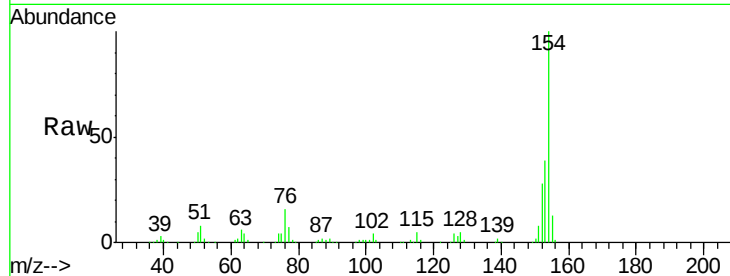
#45
1,1'-Biphenyl
Concen: 35.84 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	39.2	20.2	60.2
76	15.7	0.0	29.4

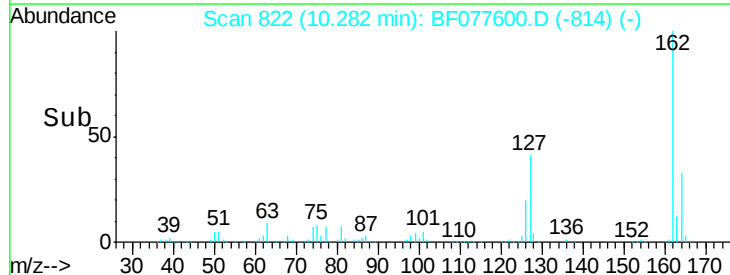
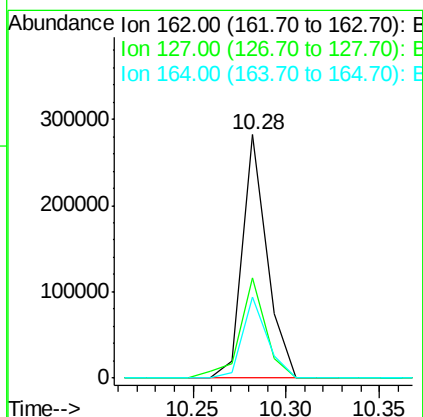
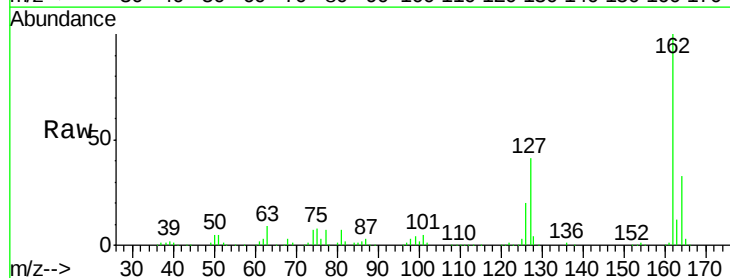
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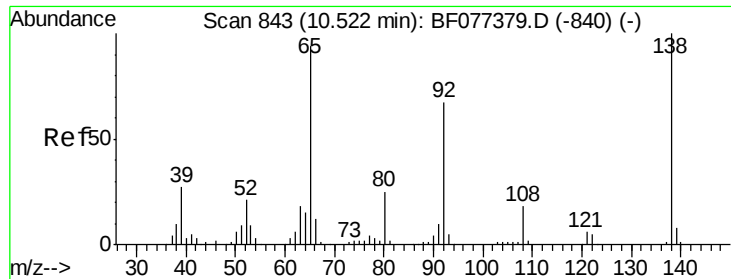
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#46
2-Chloronaphthalene
Concen: 35.39 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	41.4	33.3	49.9
164	33.3	26.2	39.4





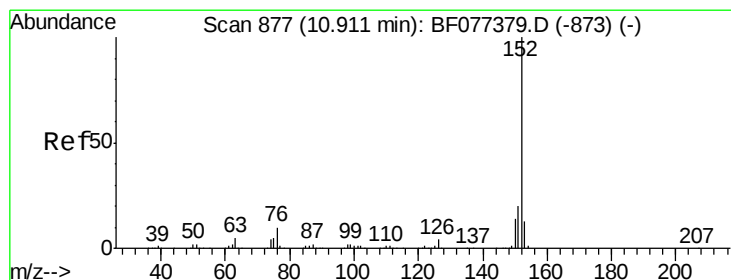
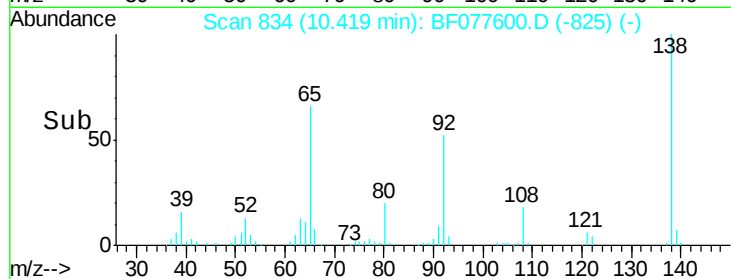
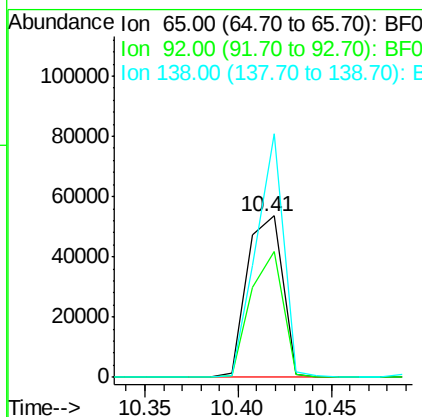
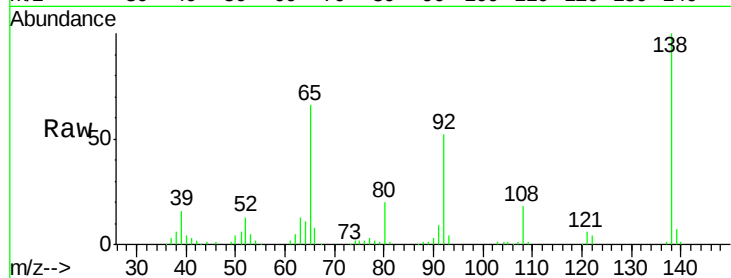
#47
2-Nitroaniline
Concen: 39.38 ng
RT: 10.41 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion: 65 Resp: 70928
Ion Ratio Lower Upper
65 100
92 78.4 52.4 78.6
138 151.1 73.4 110.0#

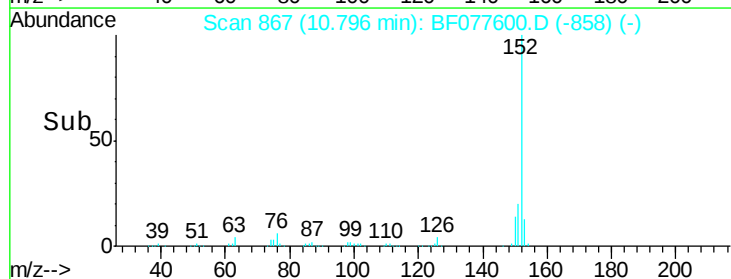
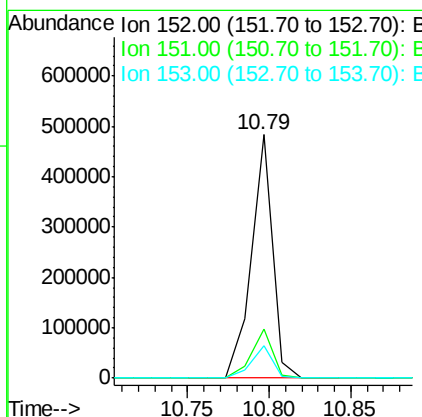
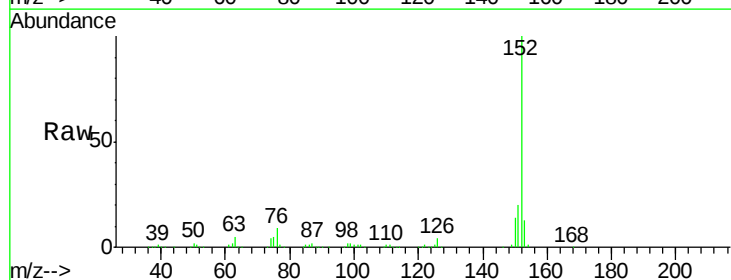
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#48
Acenaphthylene
Concen: 37.67 ng
RT: 10.79 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 152 Resp: 436426
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.2 10.9 16.3





#49

Dimethylphthalate

Concen: 38.00 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

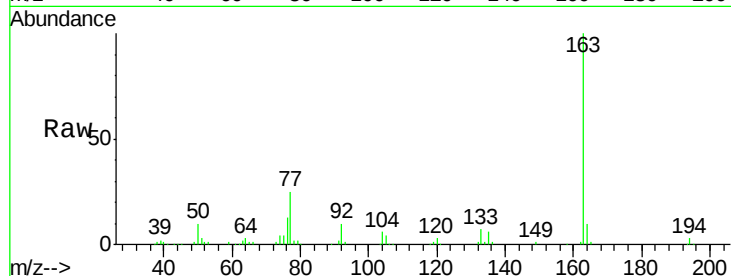
ClientSampleId :

FK-PS-01-013MSD

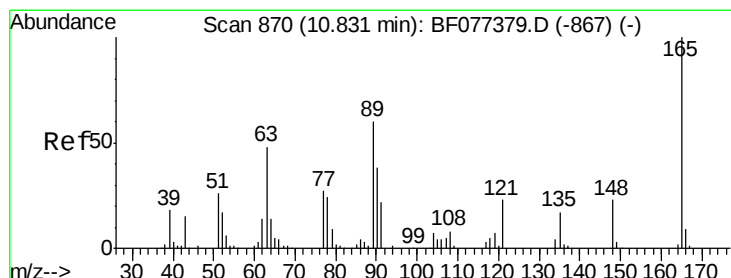
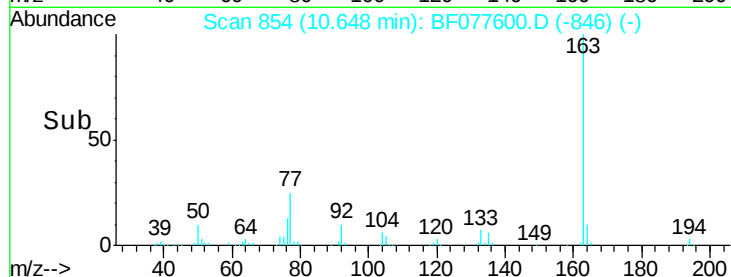
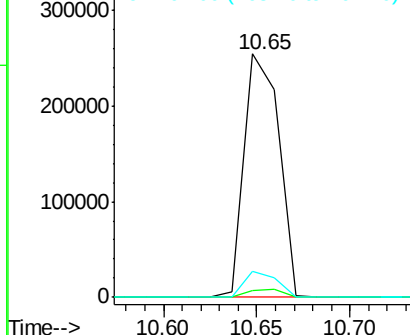
Tgt Ion:	163	Resp:	328958
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.4	8.6	13.0

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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: 38.67 ng

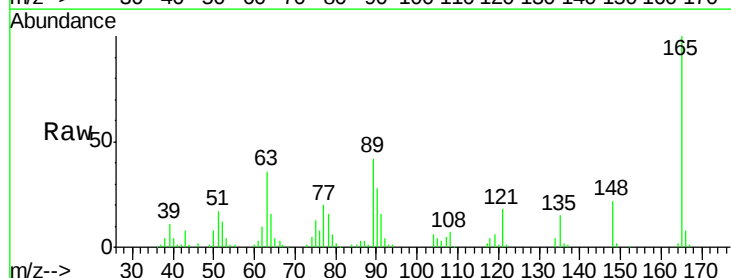
RT: 10.72 min Scan# 861

Delta R.T. -0.00 min

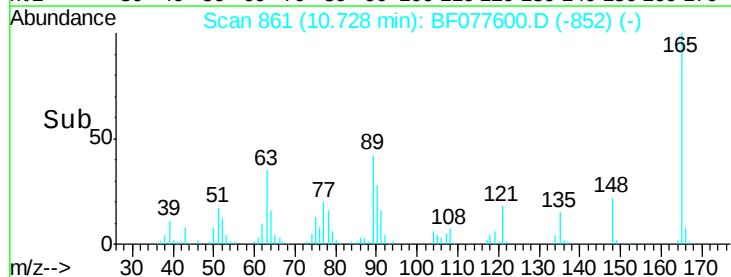
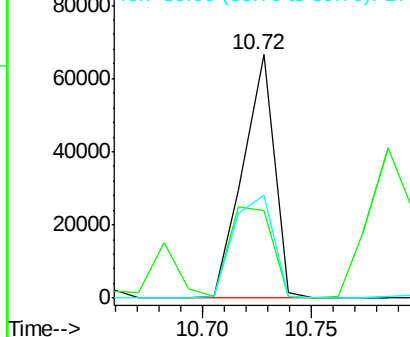
Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	165	Resp:	67142
Ion Ratio	Lower	Upper	
165	100		
63	36.1	25.2	37.8
89	42.1	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: 35.79 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

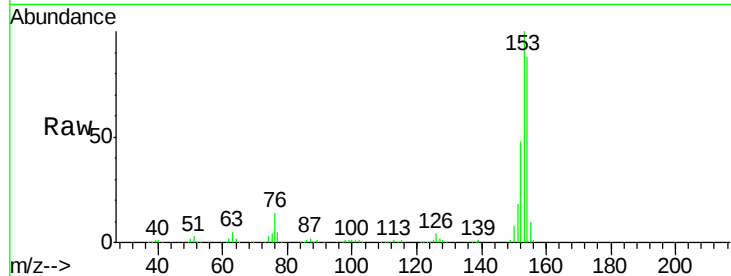
ClientSampleId :

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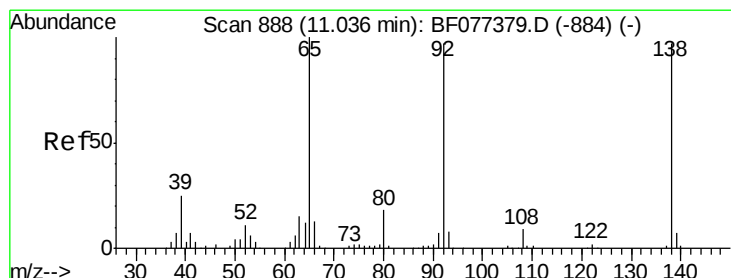
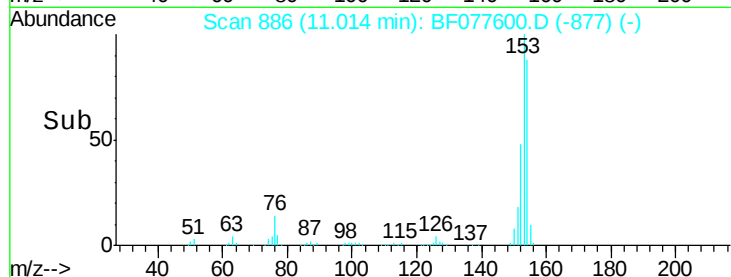
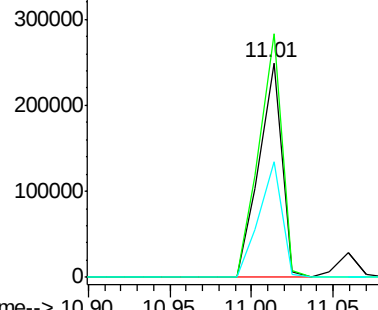
Tgt Ion:	154	Resp:	247424
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	54.1	43.5	65.3

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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: 30.40 ng

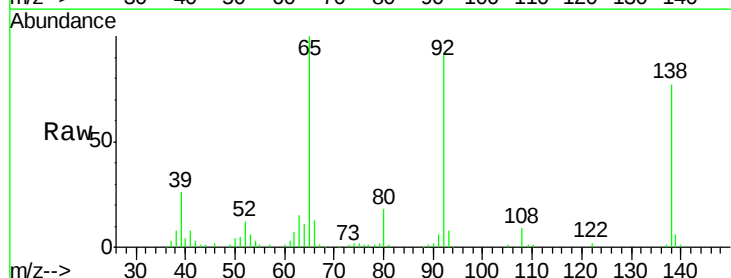
RT: 10.92 min Scan# 878

Delta R.T. -0.01 min

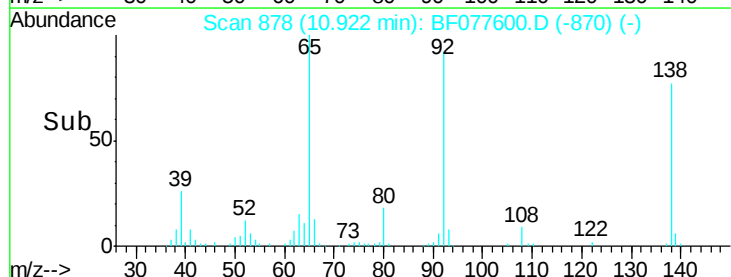
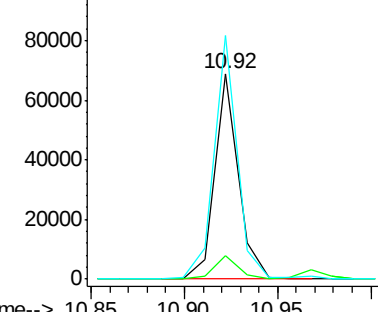
Lab File: BF077600.D

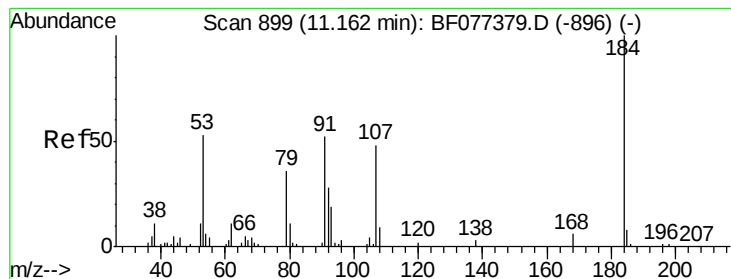
Acq: 5 Mar 2015 2:36

Tgt Ion:	138	Resp:	60837
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.8
92	118.4	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: 75.88 ng

RT: 11.06 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF077600.D

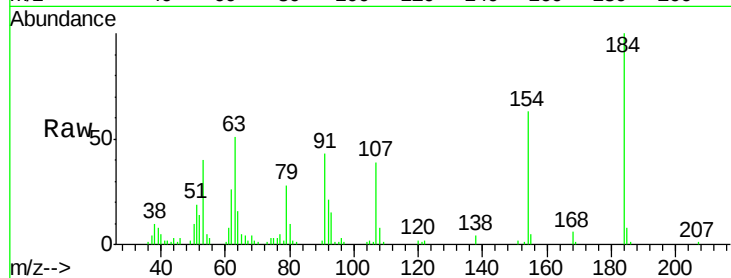
Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:184 Resp: 40083

Ion Ratio Lower Upper

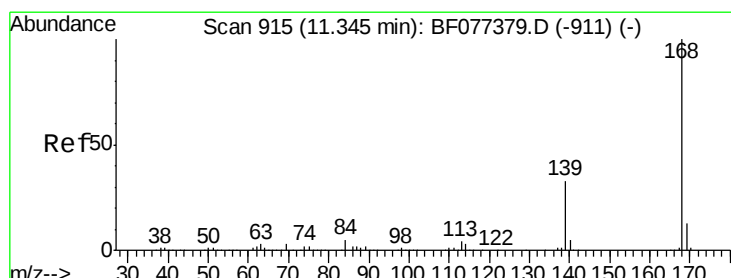
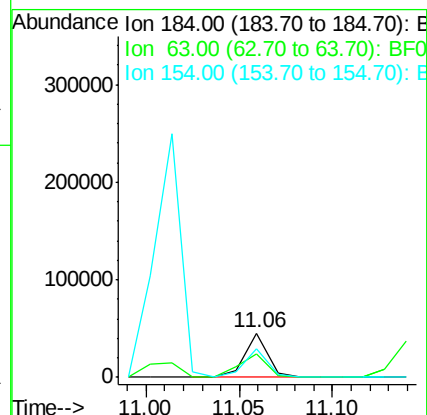
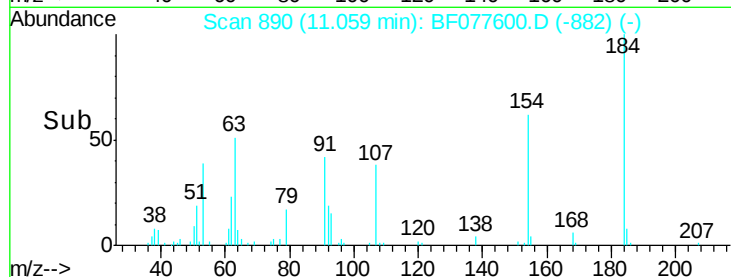
184 100

63 51.3 29.5 44.3#

154 63.0 43.2 64.8

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#54

Dibenzofuran

Concen: 36.02 ng

RT: 11.23 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

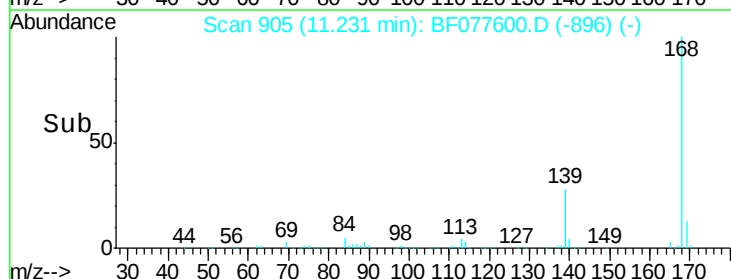
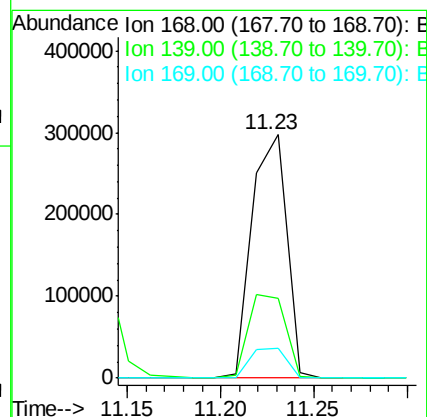
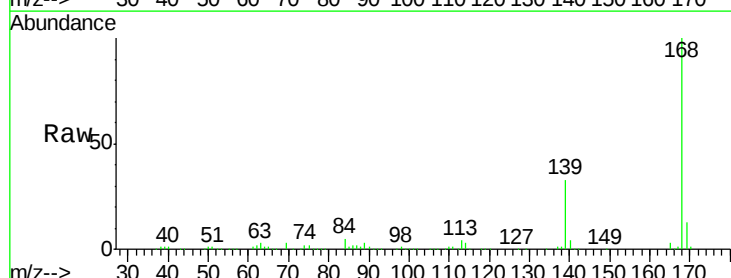
Tgt Ion:168 Resp: 384487

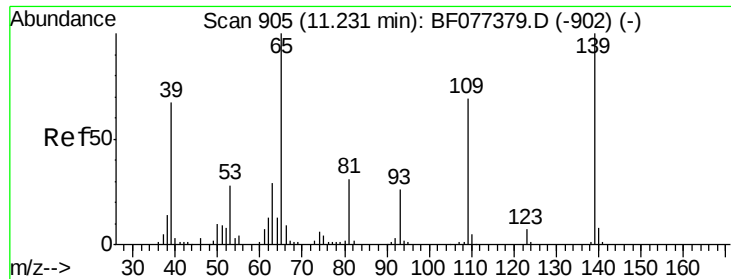
Ion Ratio Lower Upper

168 100

139 32.9 29.3 43.9

169 12.5 10.9 16.3





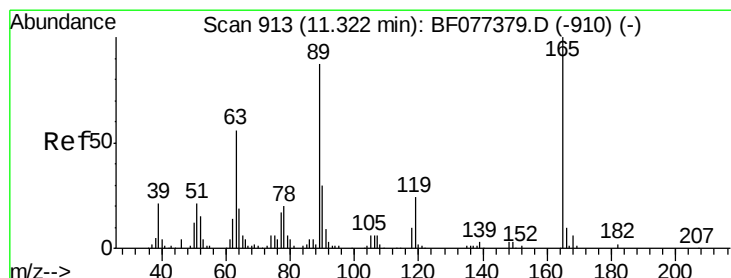
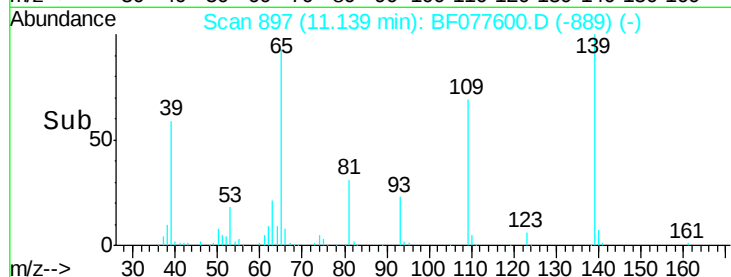
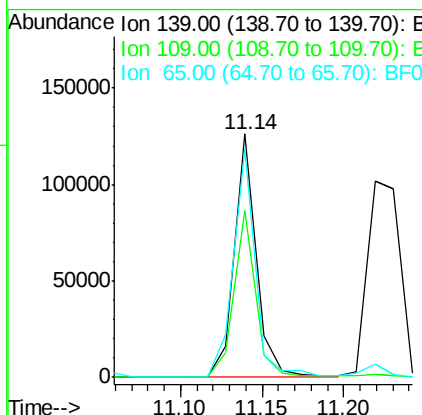
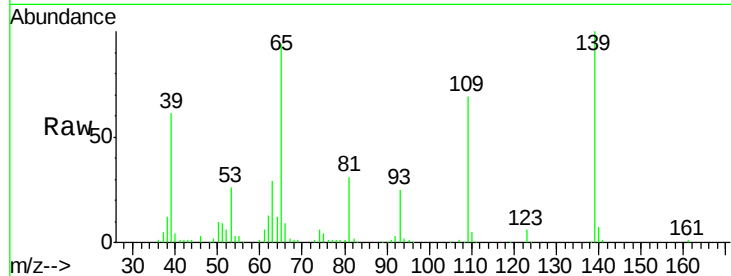
#55
4-Nitrophenol
Concen: 72.59 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116870		
109	68.7	36.2	76.2	
65	94.0	40.3	80.3#	

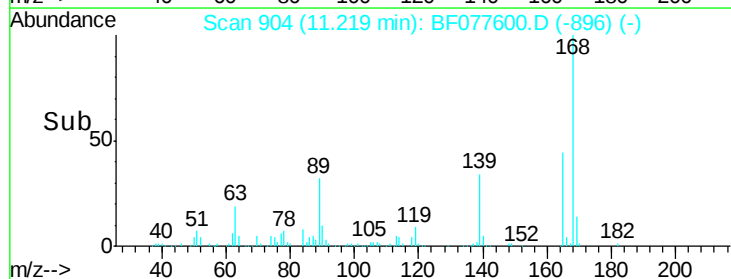
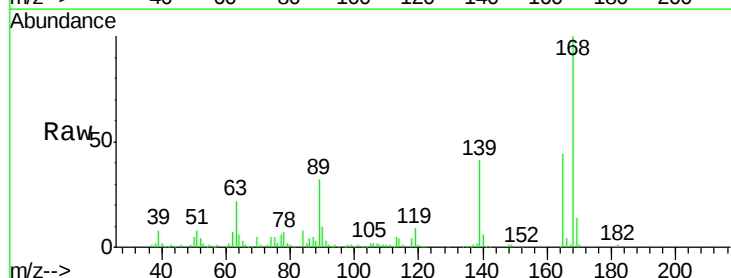
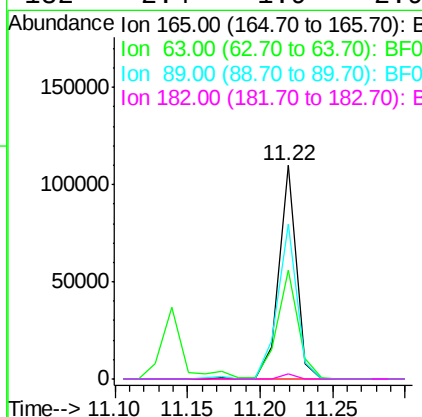
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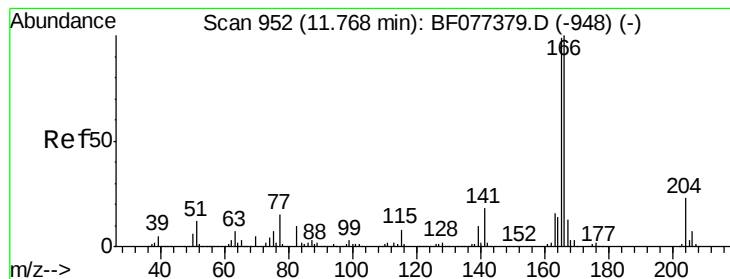
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#56
2,4-Dinitrotoluene
Concen: 39.56 ng
RT: 11.22 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	92794		
63	50.8	29.8	44.8#	
89	72.7	48.5	72.7#	
182	2.4	1.9	2.9	





#57

Fluorene

Concen: 36.32 ng

RT: 11.65 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF077600.D

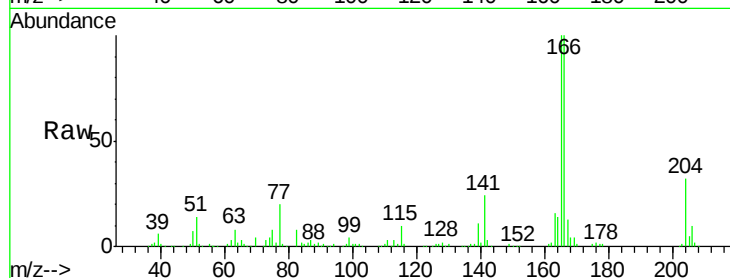
Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-013MSD



Tgt Ion:166 Resp: 309959

Ion Ratio Lower Upper

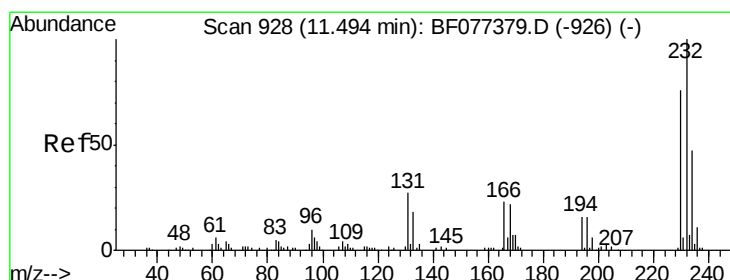
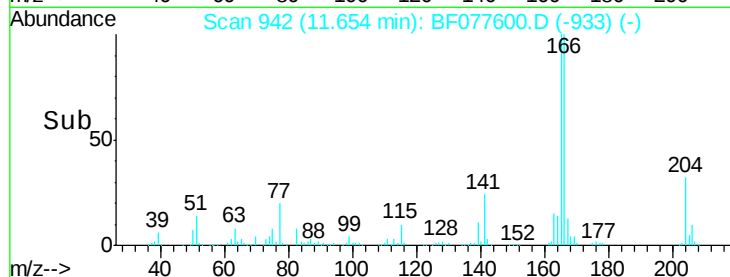
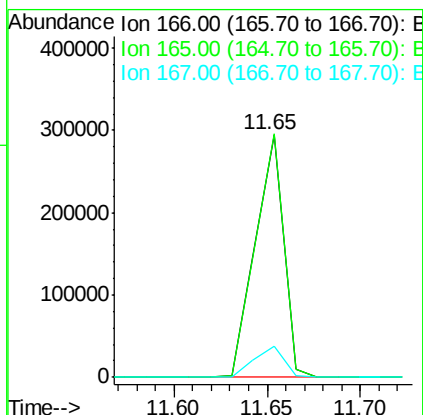
166 100

165 100.2 77.6 116.4

167 12.9 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.75 ng

RT: 11.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:232 Resp: 75951

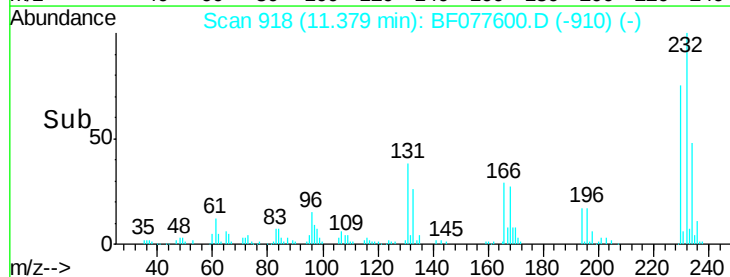
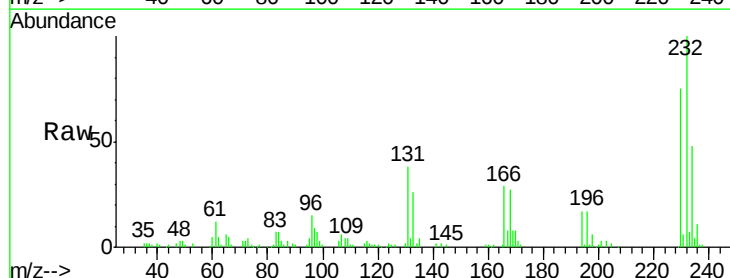
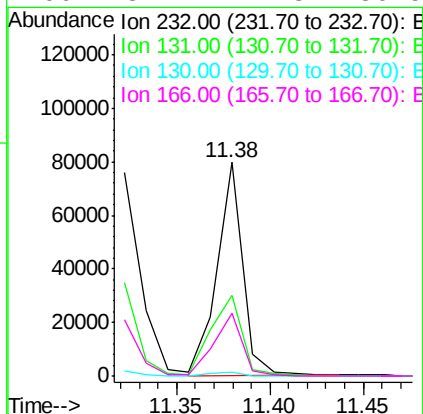
Ion Ratio Lower Upper

232 100

131 45.8 34.2 51.2

130 2.1 1.8 2.6

166 32.7 24.3 36.5





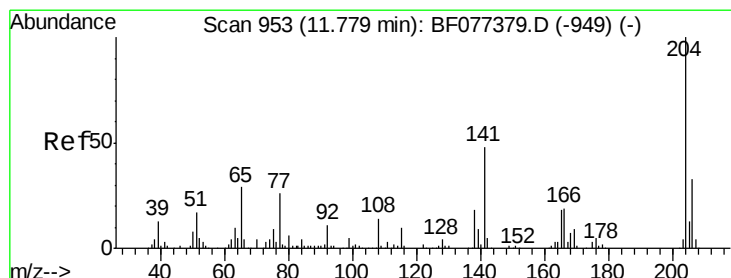
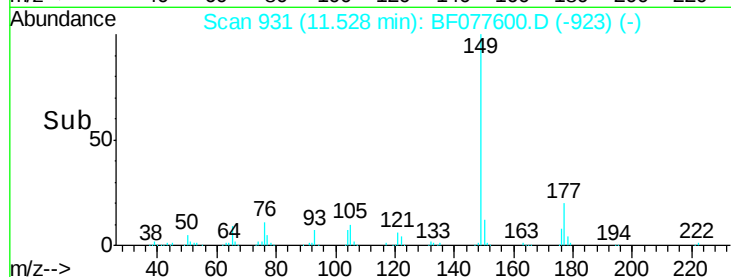
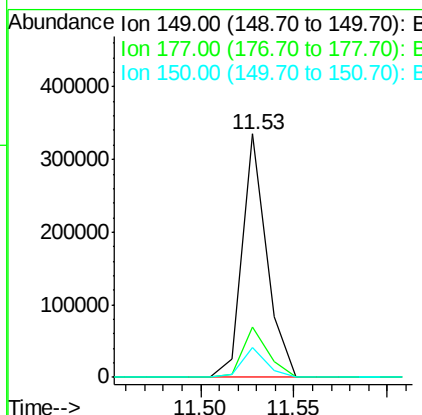
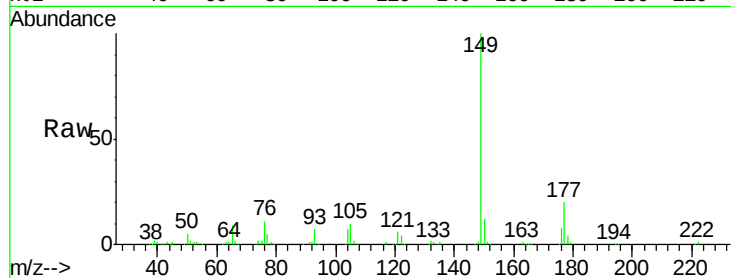
#59
Diethylphthalate
Concen: 35.79 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.2	25.8
150	12.4	10.5	15.7

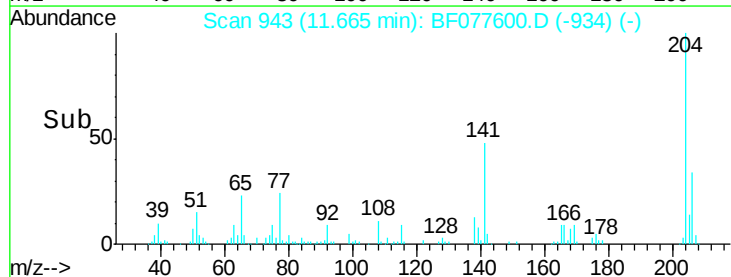
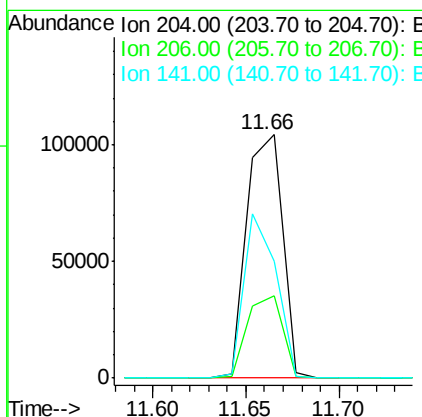
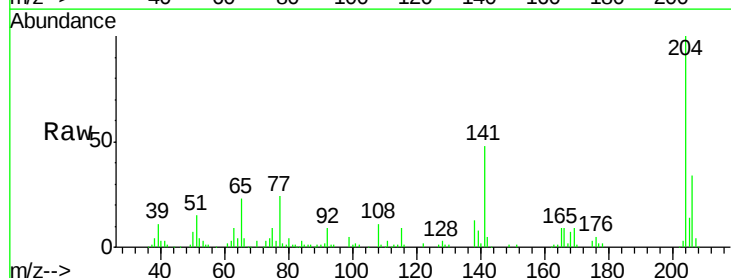
Manual Integrations
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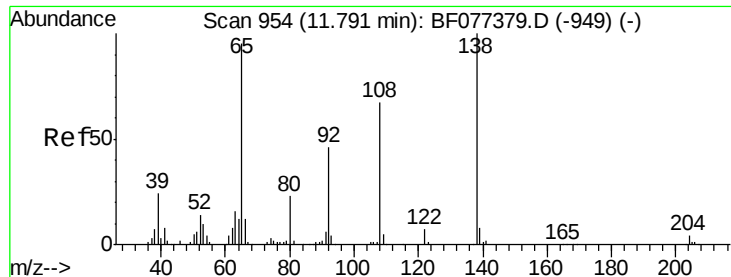
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 33.80 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.9	38.9
141	47.9	43.6	65.4





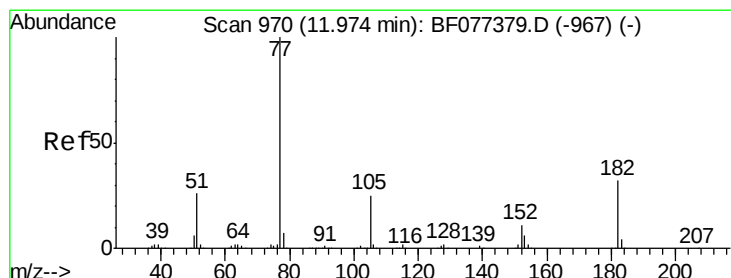
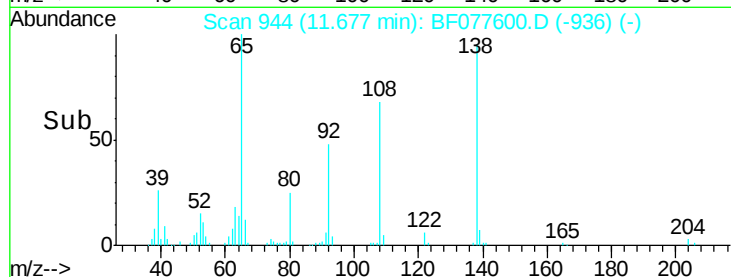
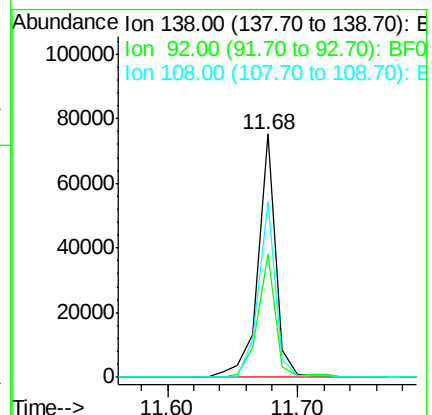
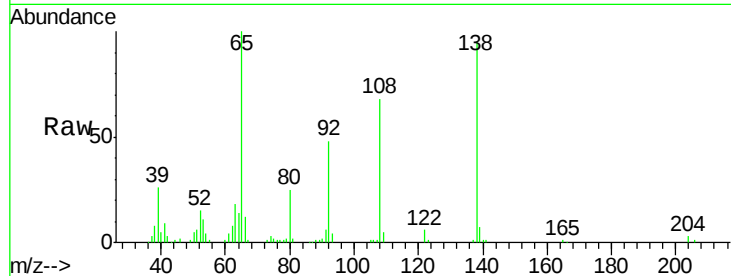
#61
4-Nitroaniline
Concen: 37.38 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	32.8	72.8
108	72.1	52.1	92.1

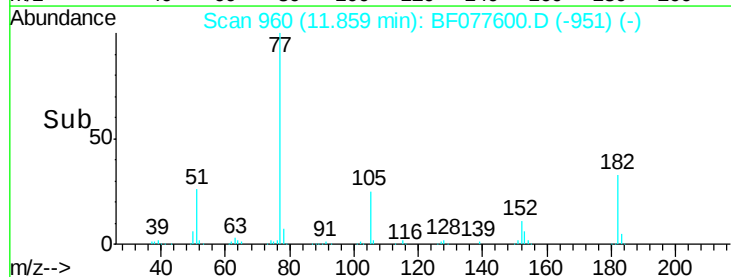
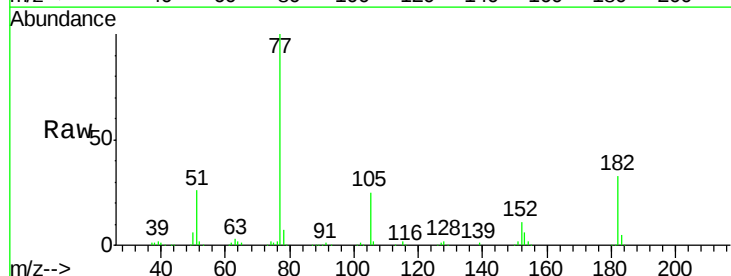
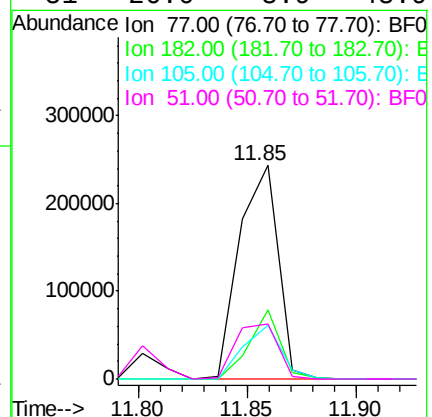
Manual Integrations
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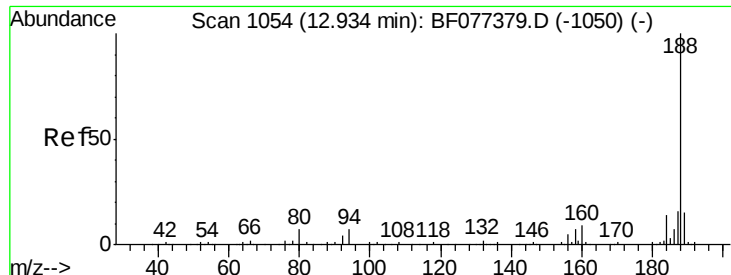
mohammad
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#62
Azobenzene
Concen: 37.32 ng
RT: 11.85 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.6	4.9	44.9
105	25.1	3.3	43.3
51	26.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

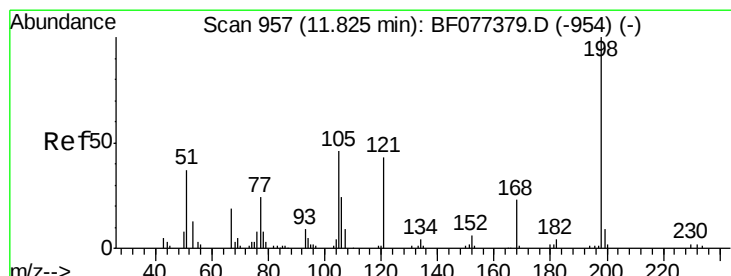
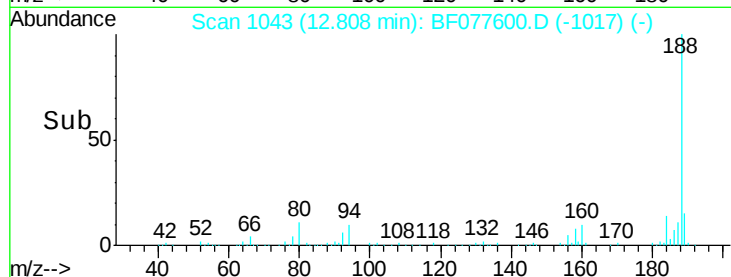
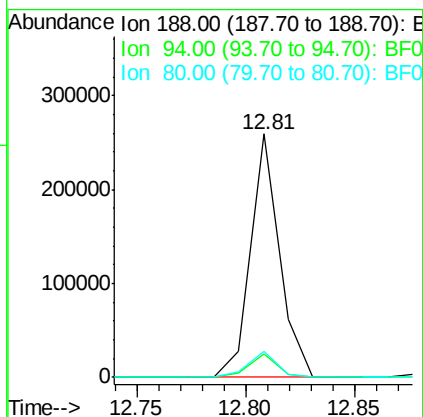
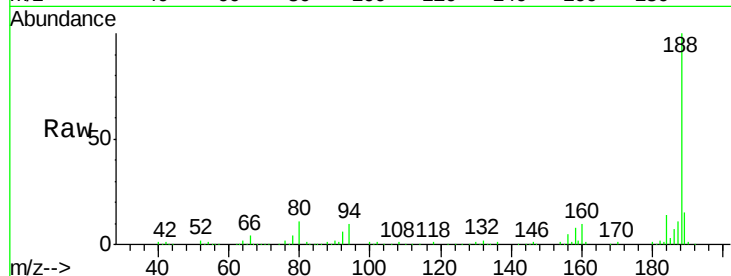
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	188	Resp:	240089
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.4	11.2
80	10.8	8.0	12.0

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 32.58 ng

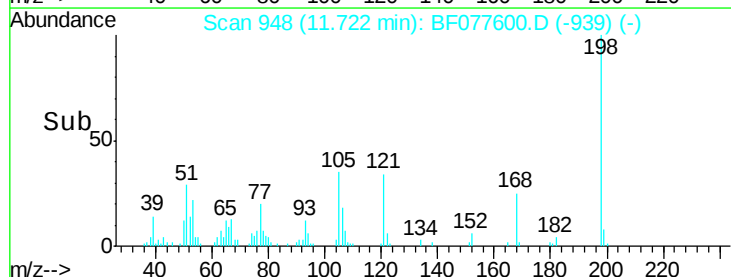
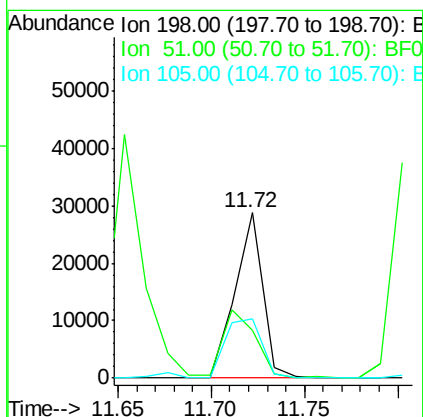
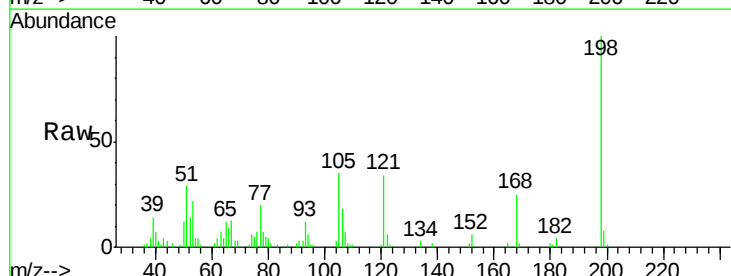
RT: 11.72 min Scan# 948

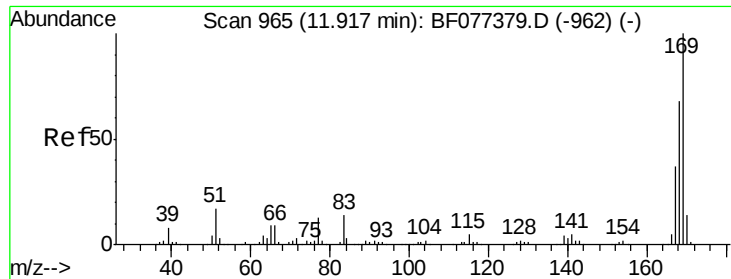
Delta R.T. -0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	198	Resp:	29968
Ion Ratio	Lower	Upper	
198	100		
51	29.3	2.7	42.7
105	35.5	10.0	50.0





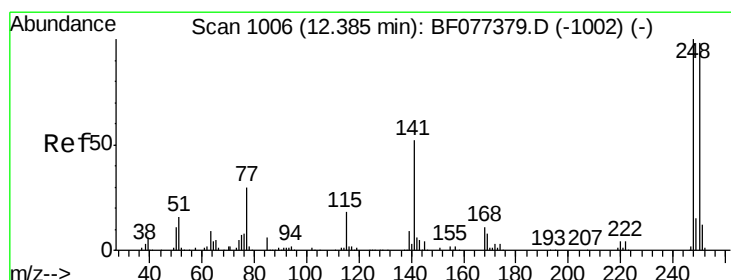
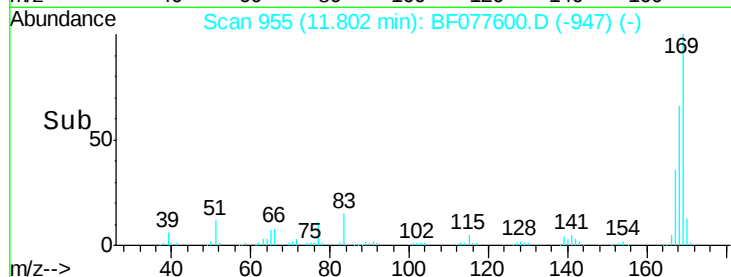
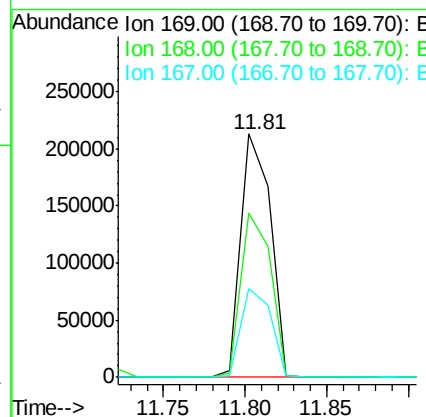
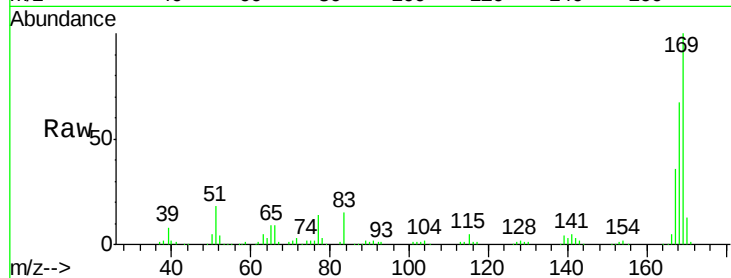
#65
 n-Nitrosodiphenylamine
 Concen: 33.49 ng
 RT: 11.81 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	266759		
168	67.4	53.0	79.6	
167	36.2	29.5	44.3	

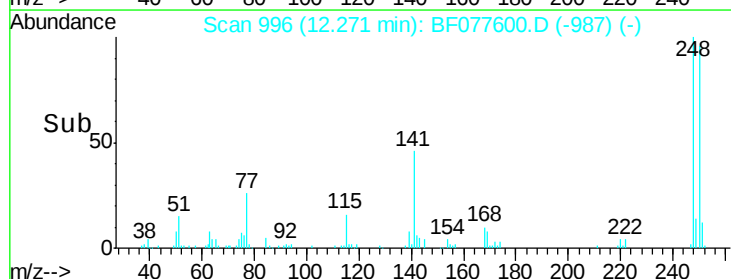
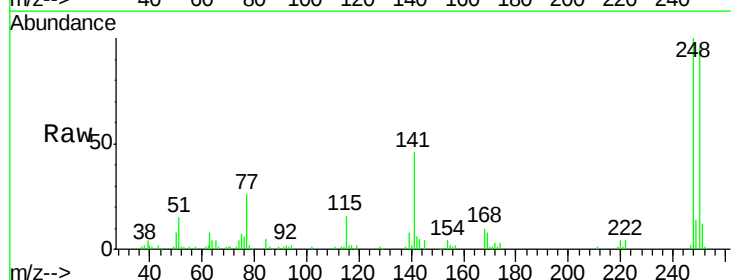
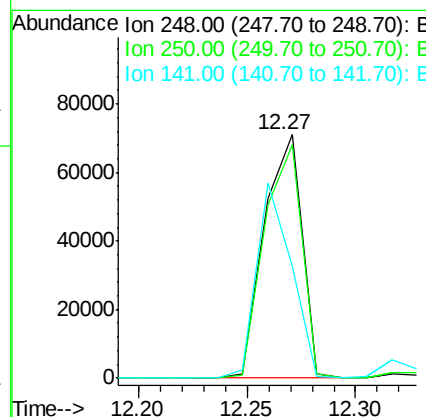
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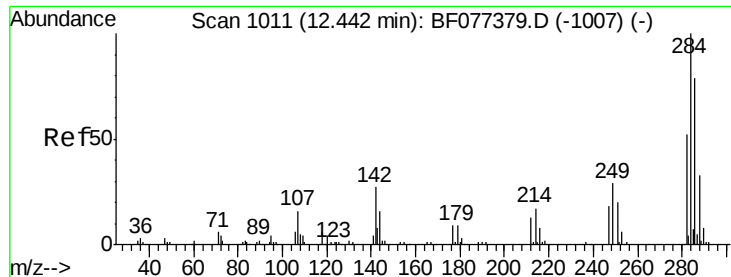
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 30.68 ng
 RT: 12.27 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	86244		
250	95.9	78.0	117.0	
141	46.2	54.1	81.1	





#67

Hexachlorobenzene

Concen: 30.40 ng

RT: 12.32 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

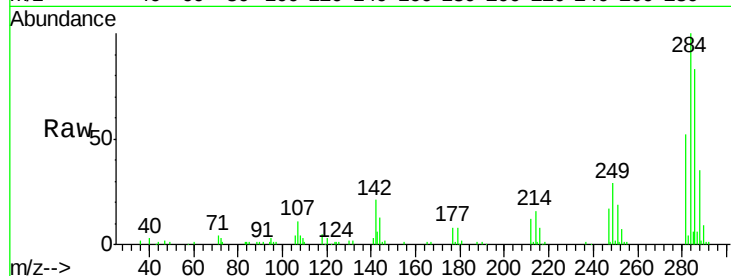
ClientSampleId :

FK-PS-01-013MSD

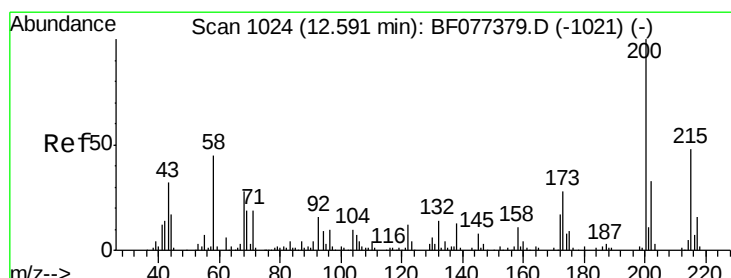
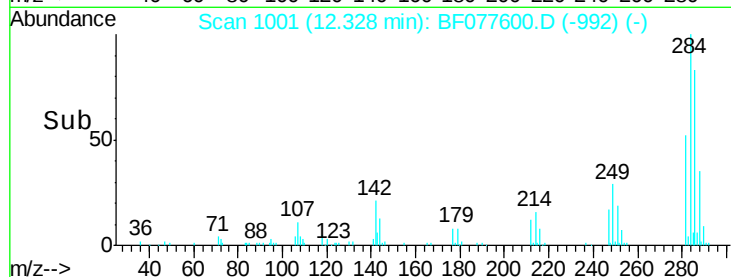
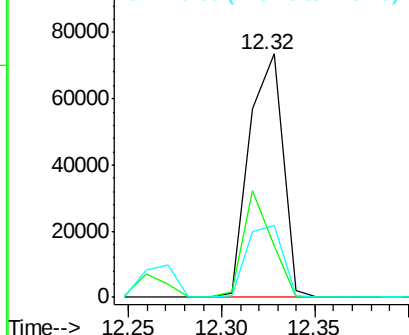
Tgt Ion:	284	Resp:	91742
Ion Ratio	Lower	Upper	
284	100		
142	21.4	31.6	47.4#
249	29.4	27.0	40.4

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



#68

Atrazine

Concen: 31.70 ng

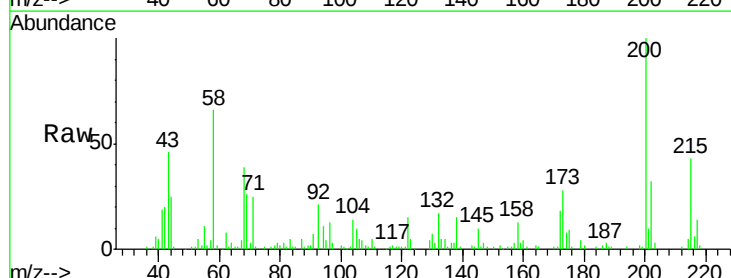
RT: 12.48 min Scan# 1014

Delta R.T. -0.01 min

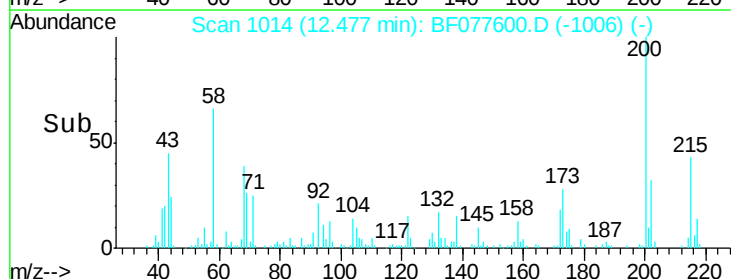
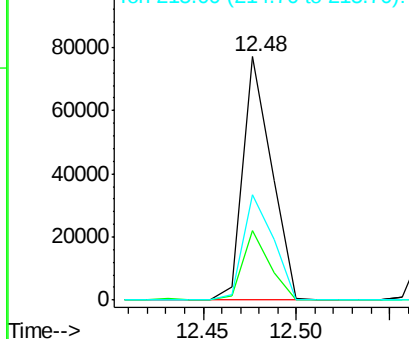
Lab File: BF077600.D

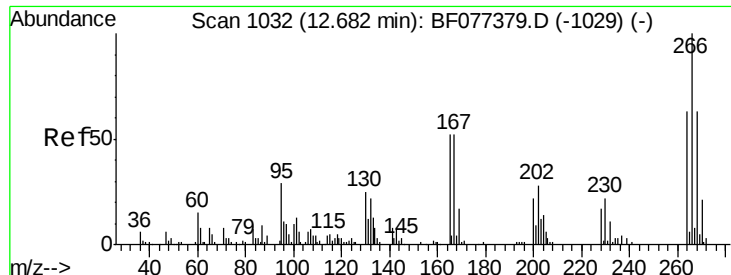
Acq: 5 Mar 2015 2:36

Tgt Ion:	200	Resp:	82101
Ion Ratio	Lower	Upper	
200	100		
173	28.5	9.6	49.6
215	43.2	24.4	64.4



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





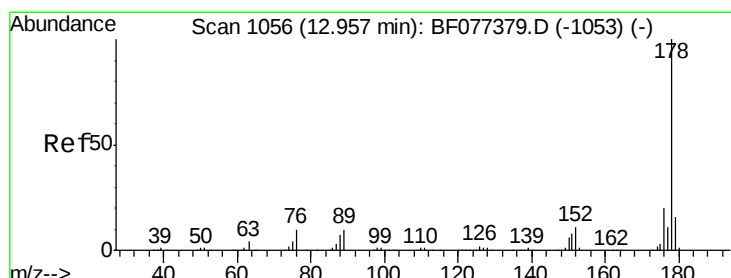
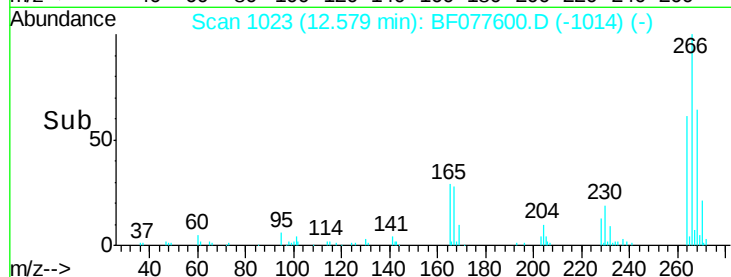
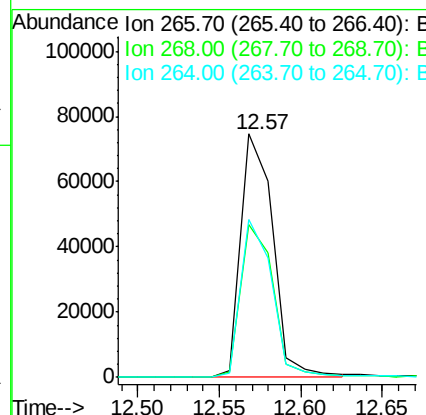
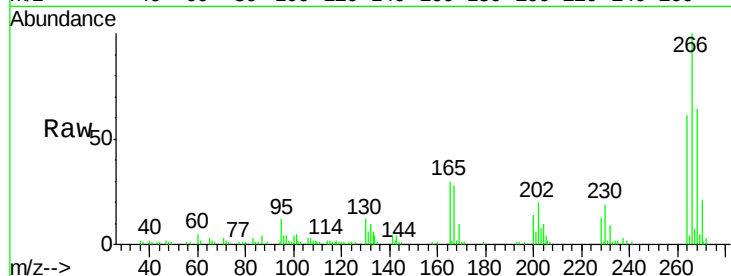
#69
 Pentachlorophenol
 Concen: 63.91 ng
 RT: 12.57 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	51.2	76.8
264	61.1	50.7	76.1

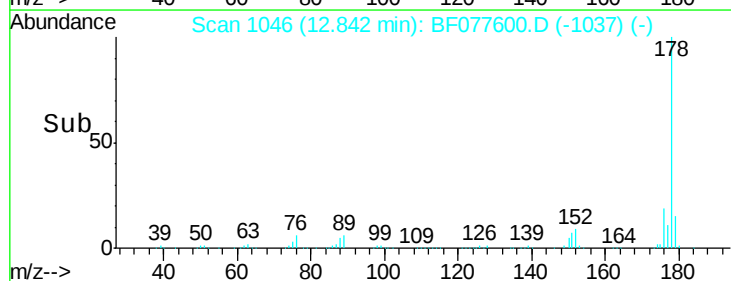
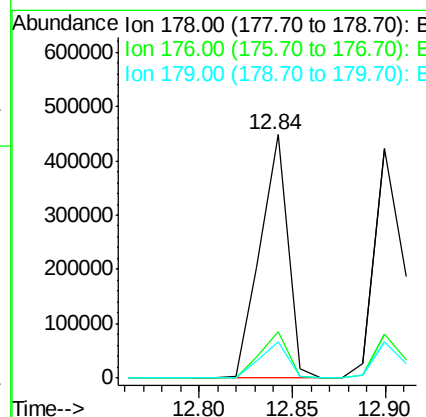
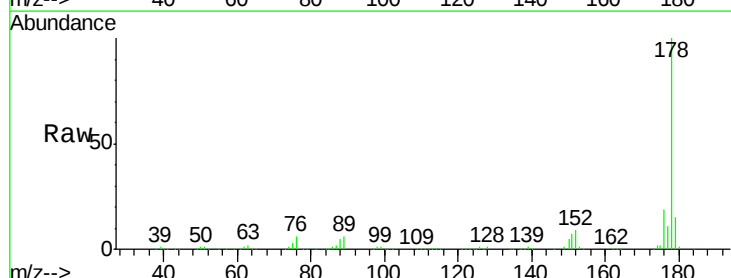
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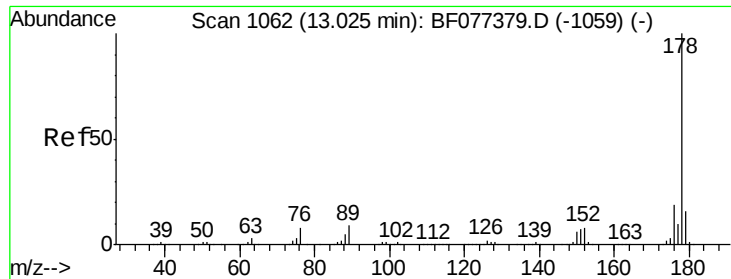
mohammad
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#70
 Phenanthrene
 Concen: 33.22 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.2	18.2





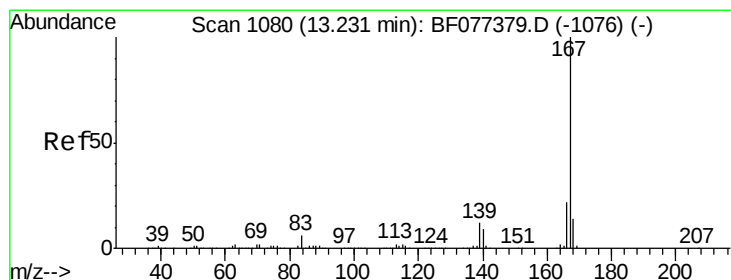
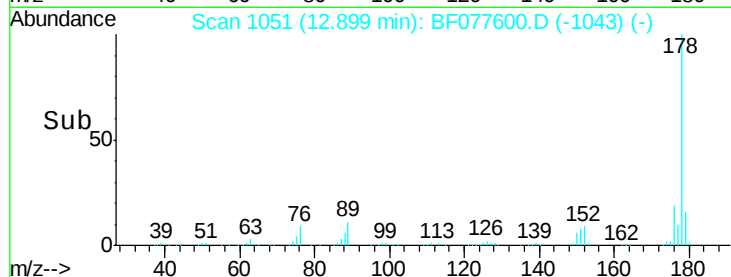
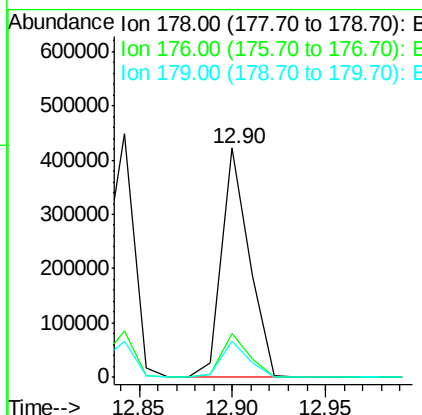
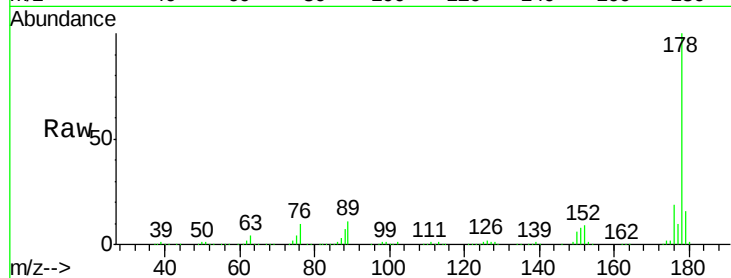
#71
 Anthracene
 Concen: 31.64 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.0	12.9	19.3

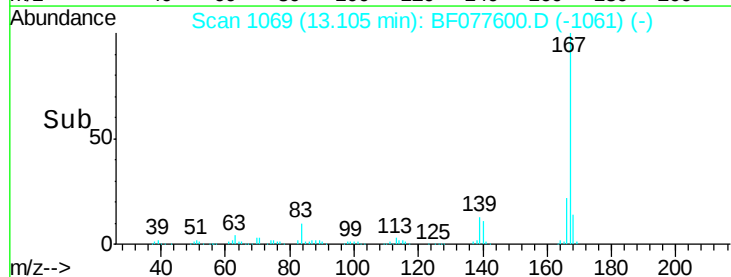
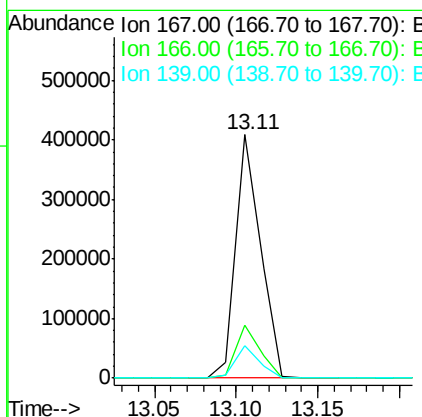
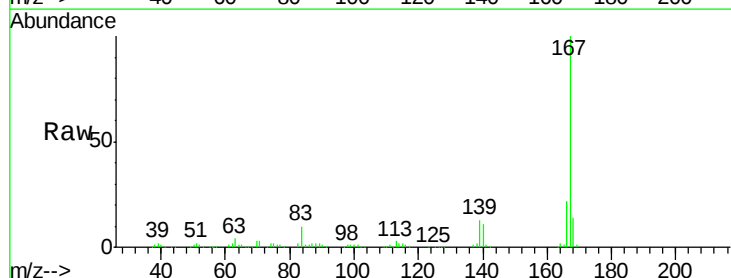
Manual Integrations
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#72
 Carbazole
 Concen: 32.68 ng
 RT: 13.11 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.4	9.9	14.9





#73

Di-n-butylphthalate

Concen: 32.95 ng

RT: 13.56 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

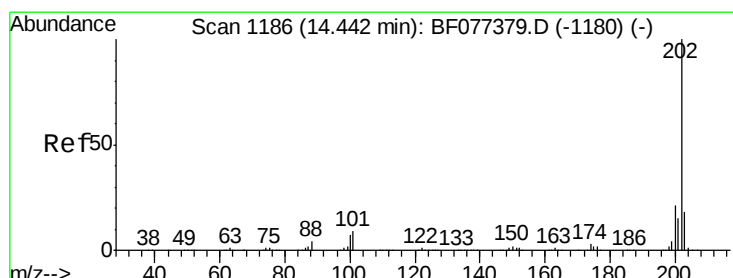
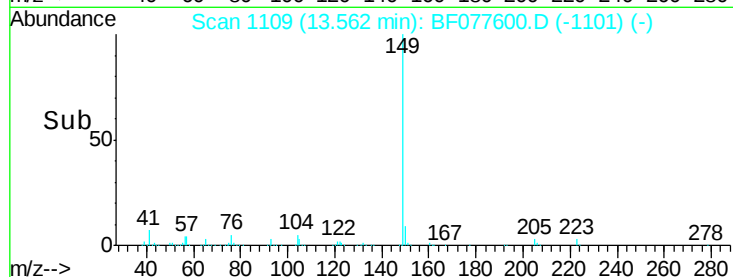
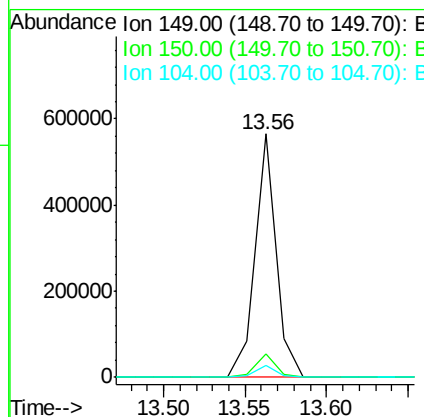
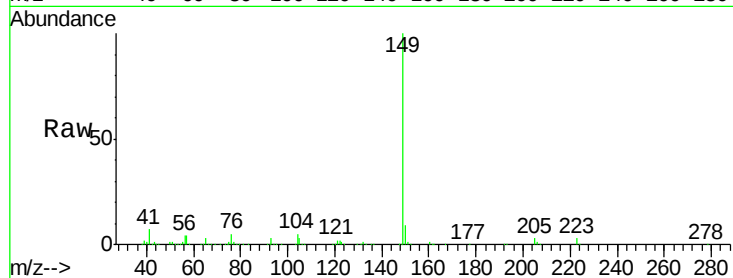
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	149	Resp:	508069
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.8
104	4.9	4.1	6.1

Manual Integrations
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#74

Fluoranthene

Concen: 33.51 ng

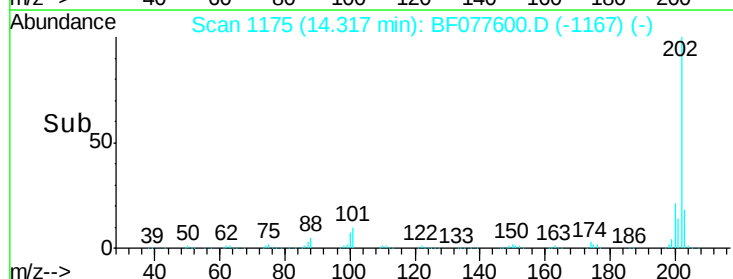
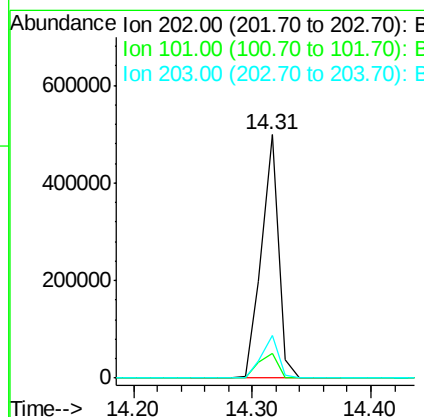
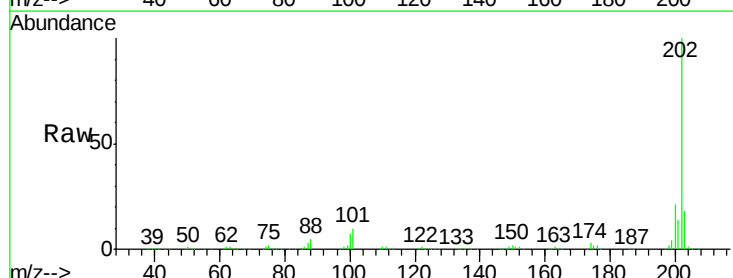
RT: 14.31 min Scan# 1175

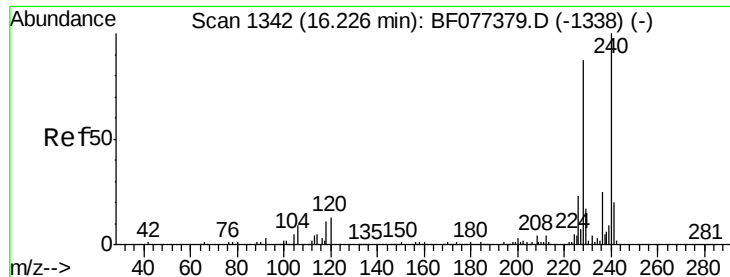
Delta R.T. -0.01 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	202	Resp:	509325
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	30.8
203	17.6	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: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

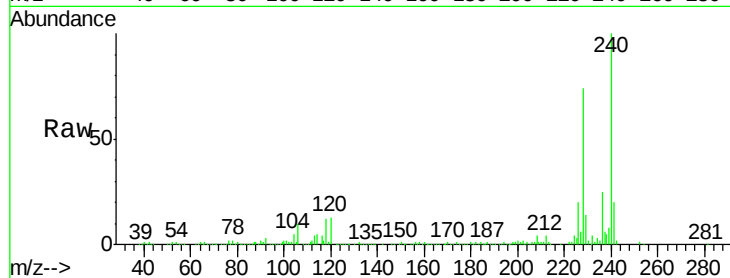
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	240	Resp:	253965
Ion Ratio	Lower	Upper	
240	100		
120	13.2	8.8	13.2
236	25.2	20.7	31.1

Manual Integrations
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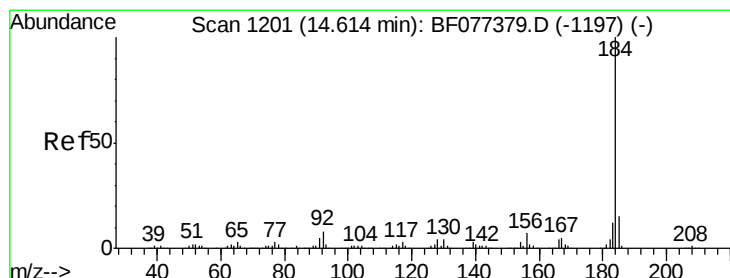
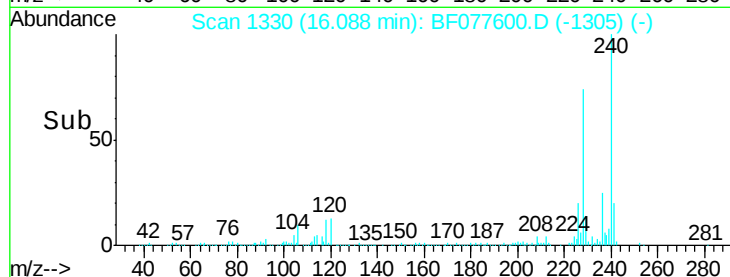
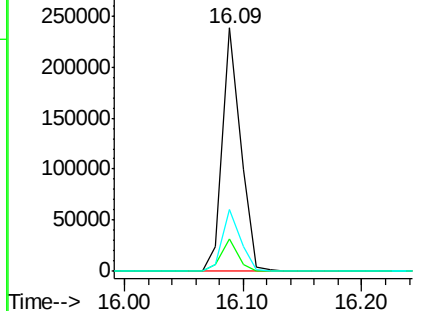
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.94 ng

RT: 14.50 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF077600.D

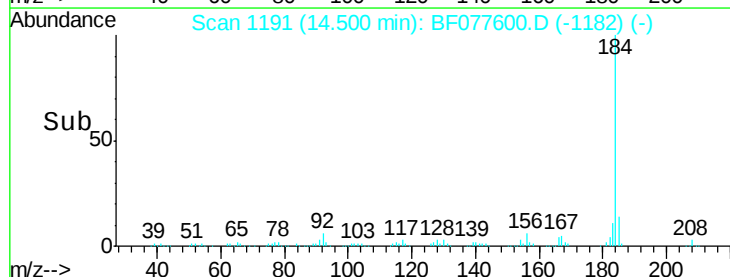
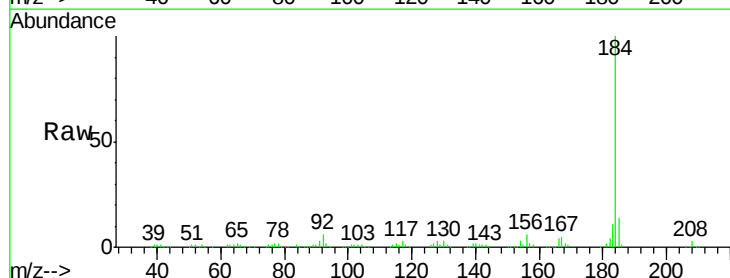
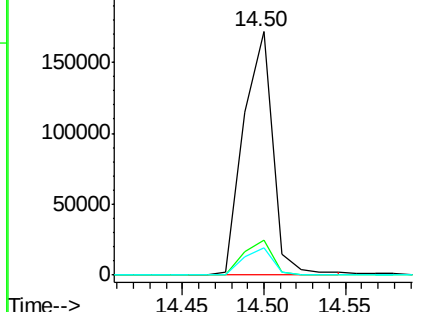
Acq: 5 Mar 2015 2:36

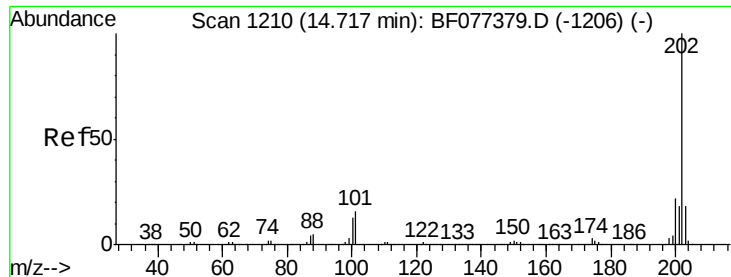
Tgt Ion:	184	Resp:	214009
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.0	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





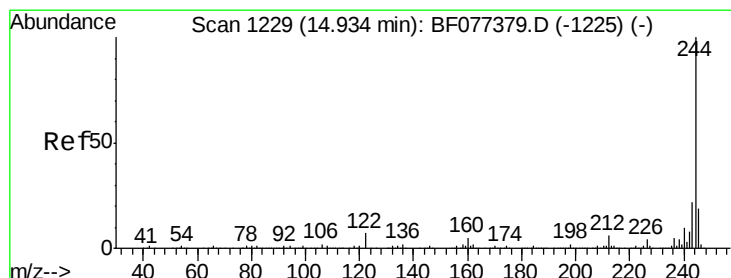
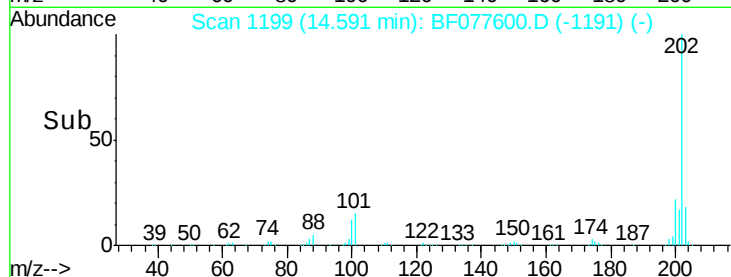
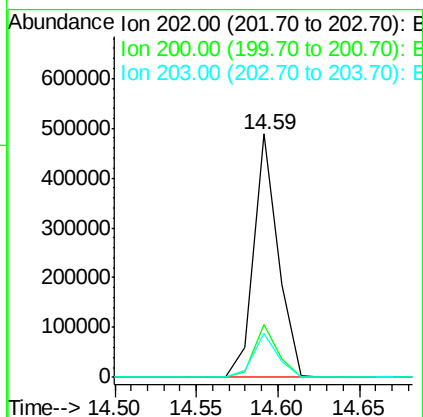
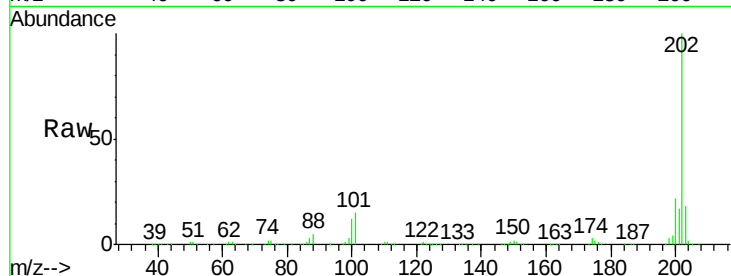
#77
 Pyrene
 Concen: 32.57 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.2	21.2

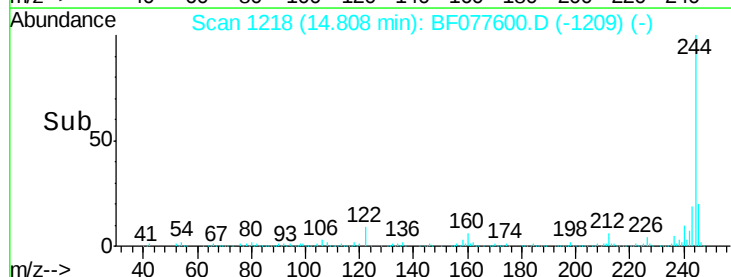
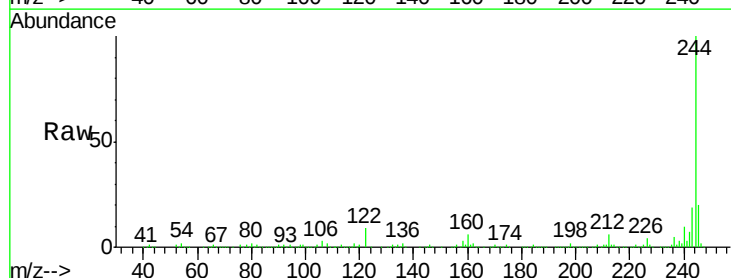
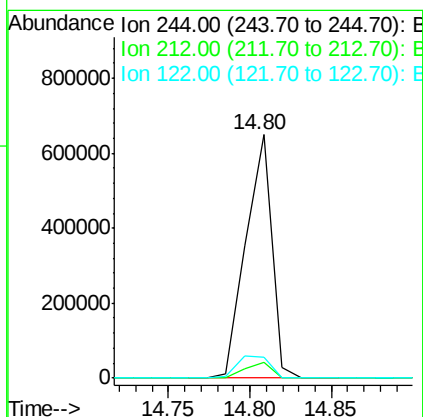
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#78
 Terphenyl-d14
 Concen: 66.16 ng
 RT: 14.80 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	5.2	7.8
122	8.8	7.8	11.8





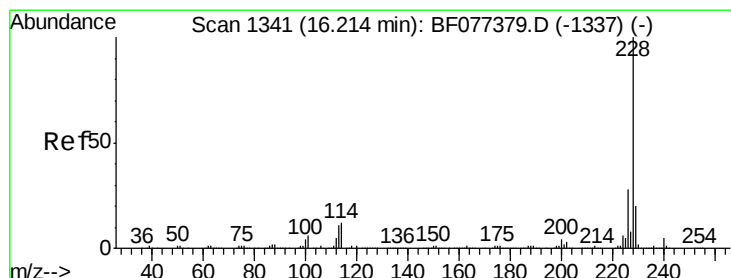
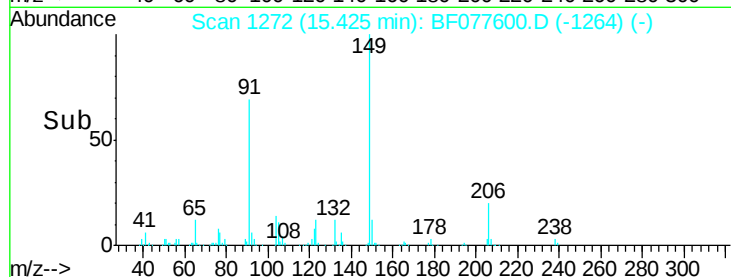
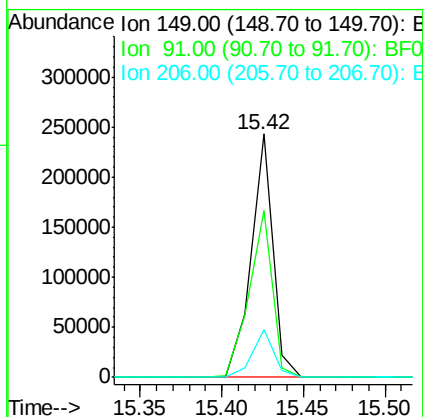
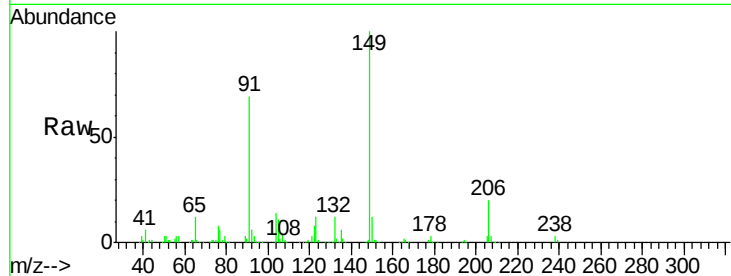
#79
Butylbenzylphthalate
Concen: 35.40 ng
RT: 15.42 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.8	51.2	76.8
206	19.9	17.8	26.8

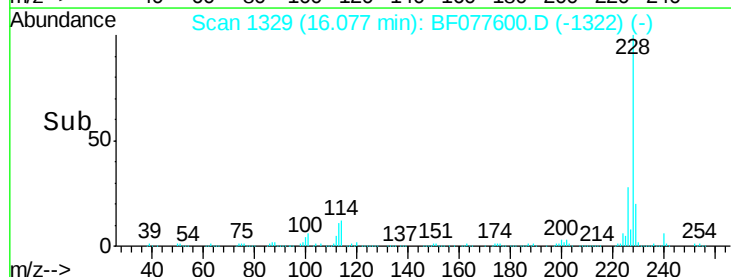
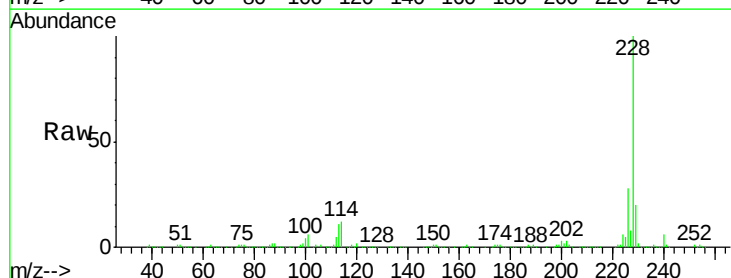
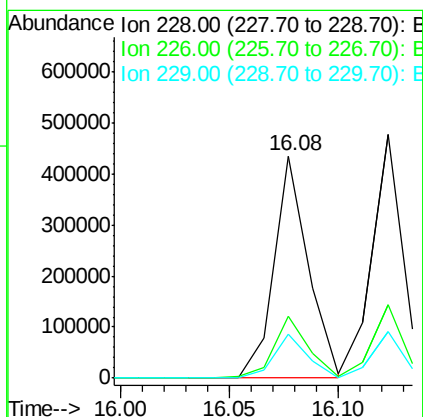
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#80
Benzo(a)anthracene
Concen: 32.27 ng
RT: 16.08 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	22.0	33.0
229	19.9	15.8	23.8





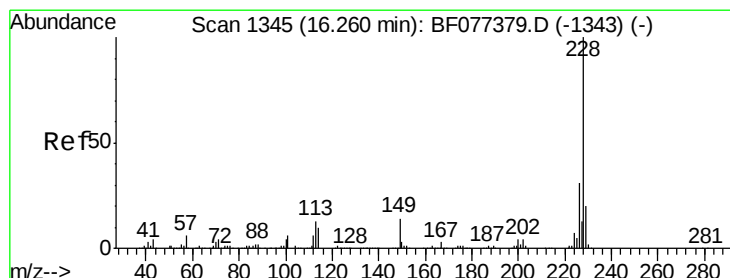
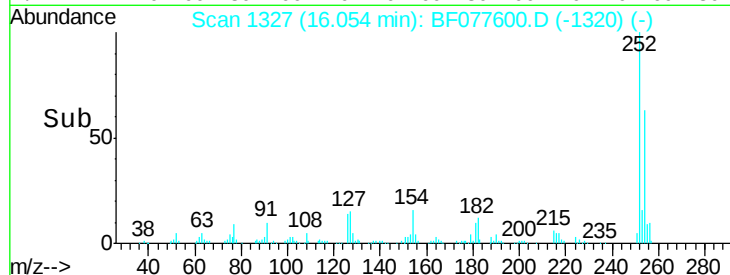
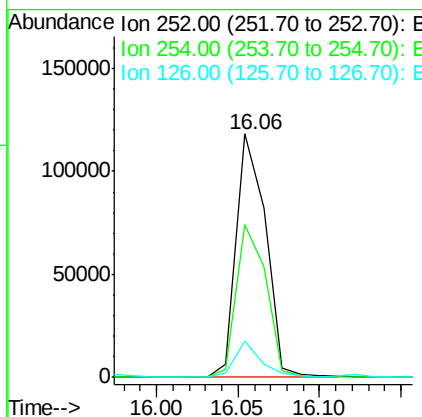
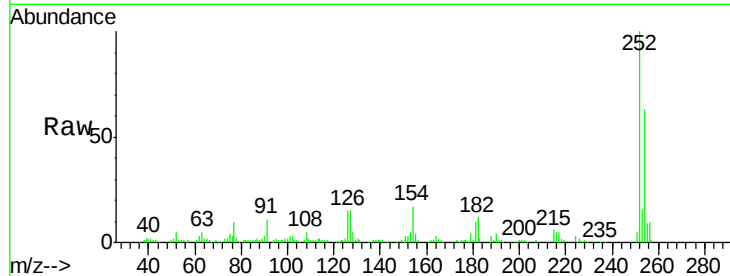
#81
 3,3'-Dichlorobenzidine
 Concen: 27.03 ng
 RT: 16.06 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	62.8	52.9	79.3
126	14.7	7.3	10.9

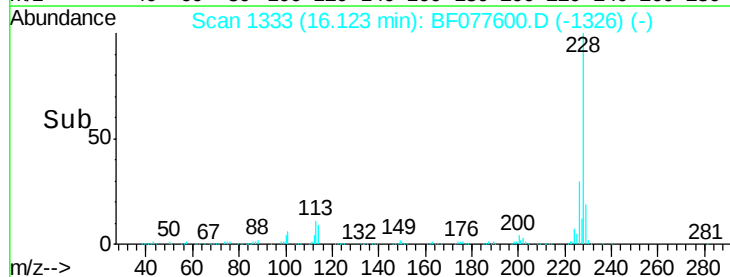
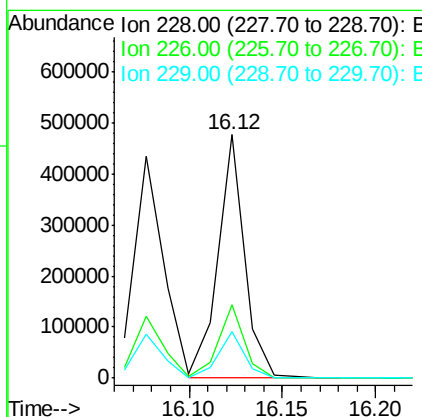
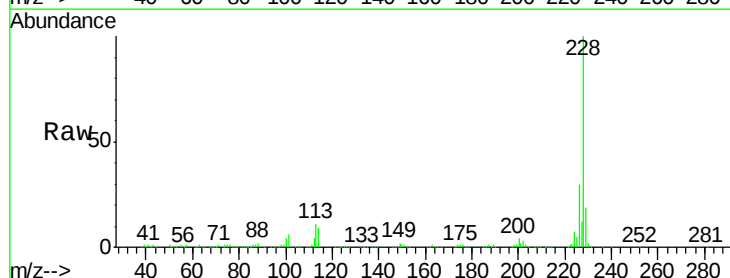
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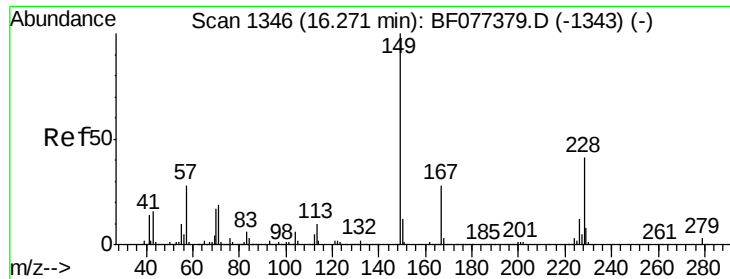
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#82
 Chrysene
 Concen: 33.84 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.4	16.4	24.6





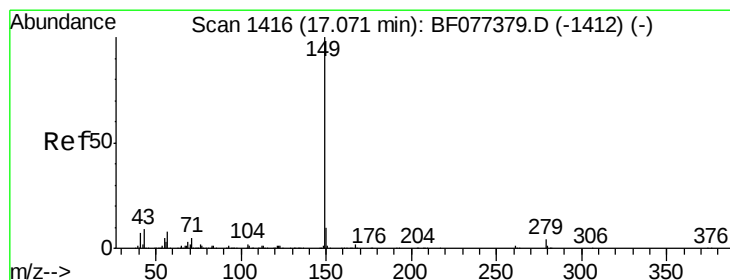
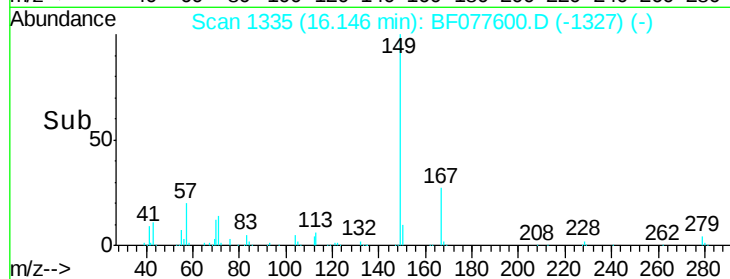
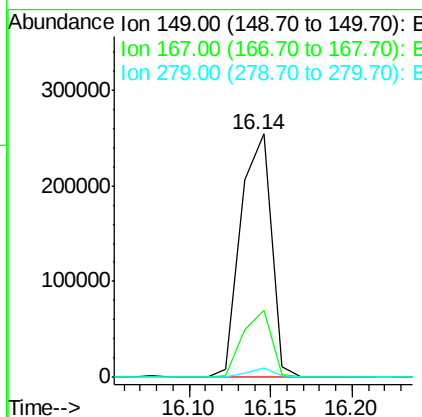
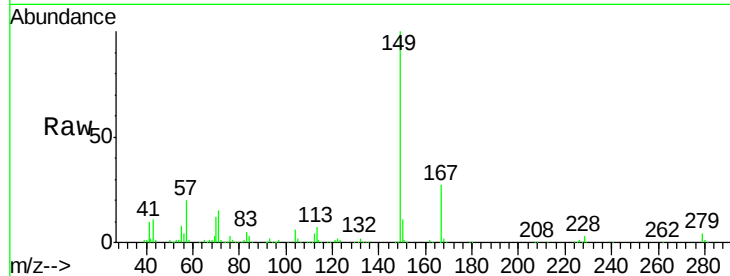
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.33 ng
 RT: 16.14 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	331361		
167	27.4	22.8	34.2	
279	4.1	3.8	5.6	

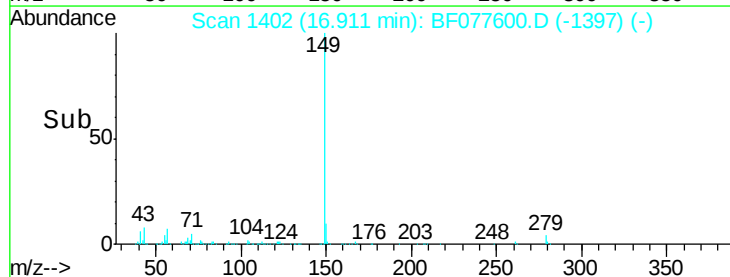
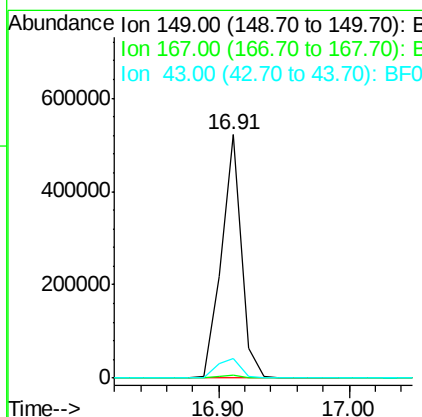
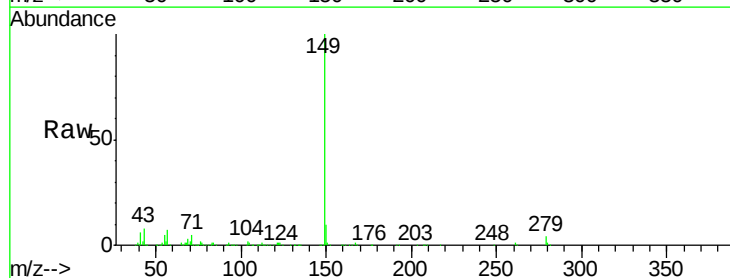
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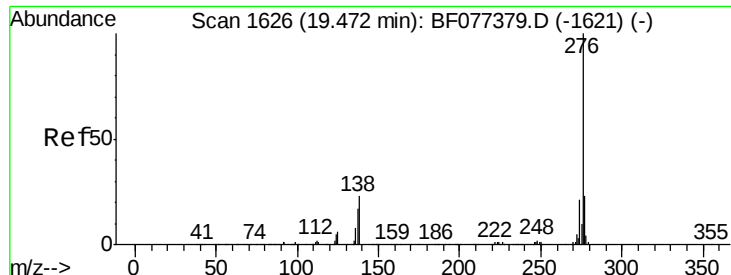
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#84
 Di-n-octyl phthalate
 Concen: 32.82 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. -0.04 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	561624		
167	1.4	1.3	1.9	
43	9.2	8.1	12.1	





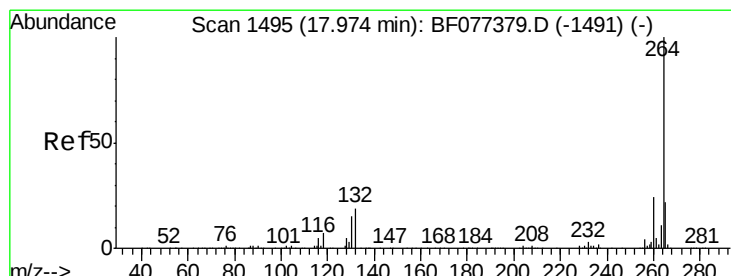
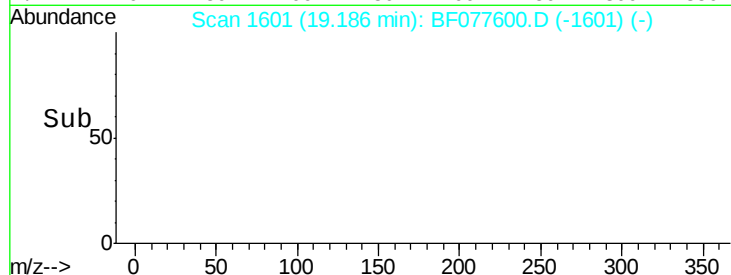
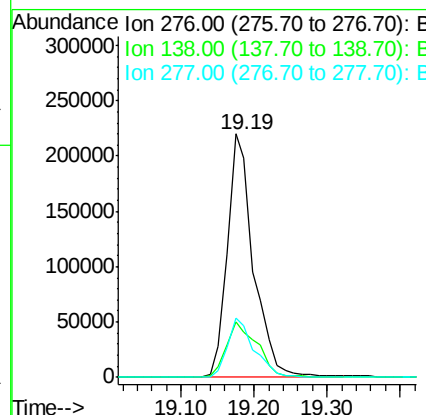
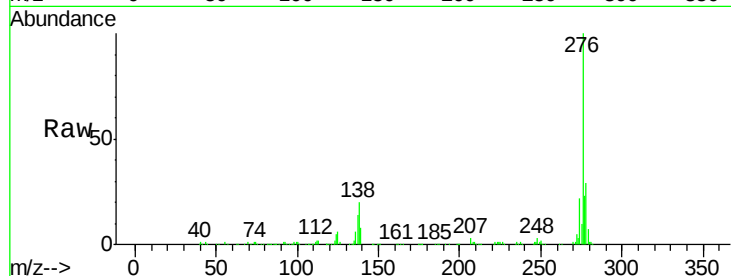
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.08 ng m
 RT: 19.19 min Scan# 1601
 Delta R.T. -0.10 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#

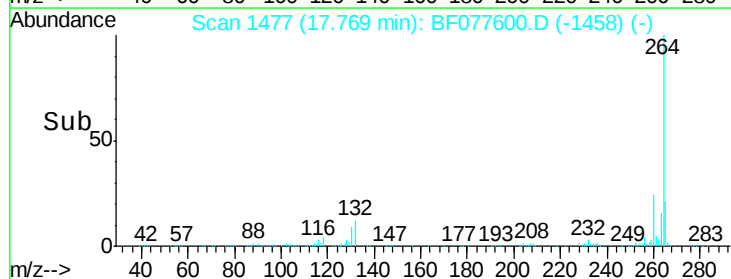
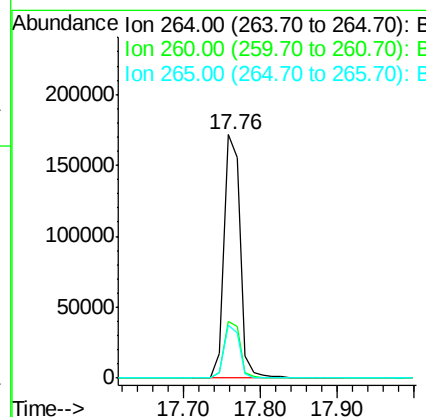
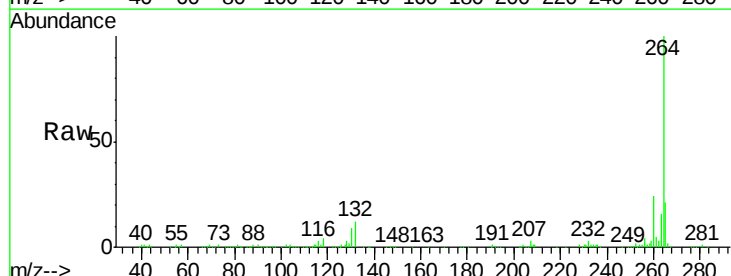
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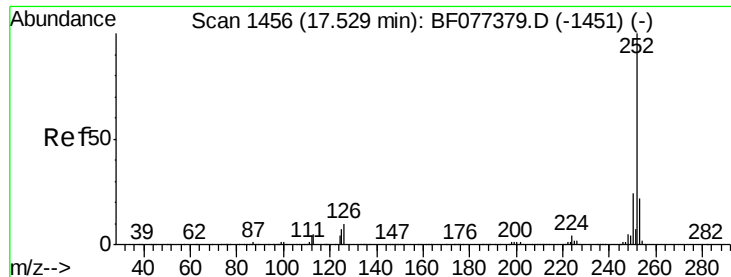
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1477
 Delta R.T. -0.08 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	20.7	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 31.34 ng m

RT: 17.33 min Scan# 1439

Delta R.T. -0.07 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Instrument :

BNA_F

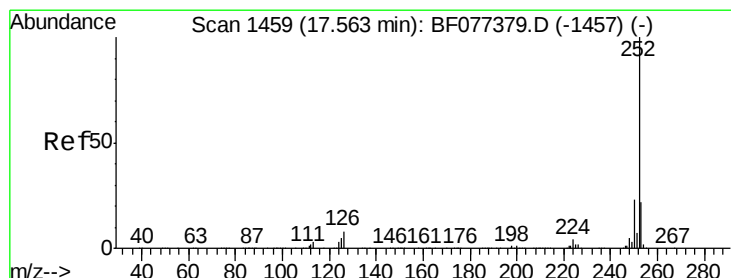
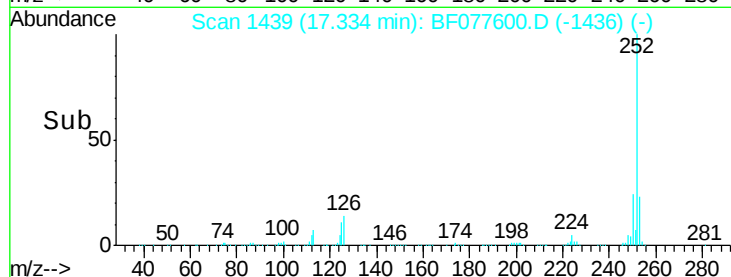
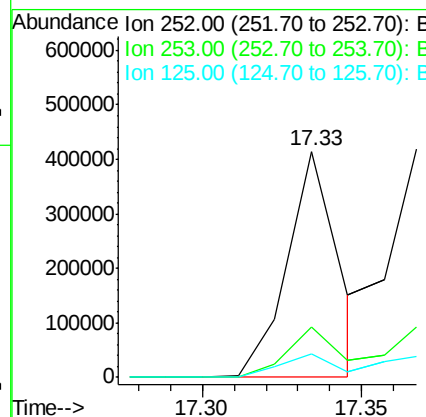
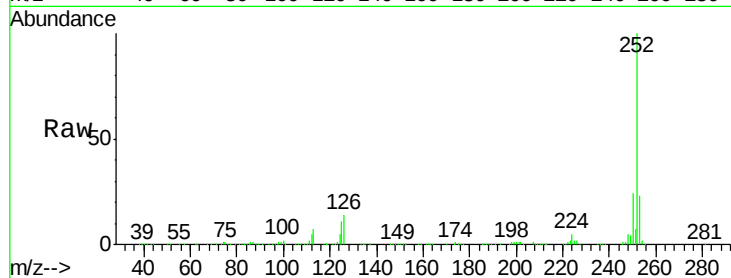
ClientSampleId :

FK-PS-01-013MSD

Tgt Ion:	252	Resp:	461635
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	10.5	5.4	8.2#

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#88

Benzo(k)fluoranthene

Concen: 34.23 ng m

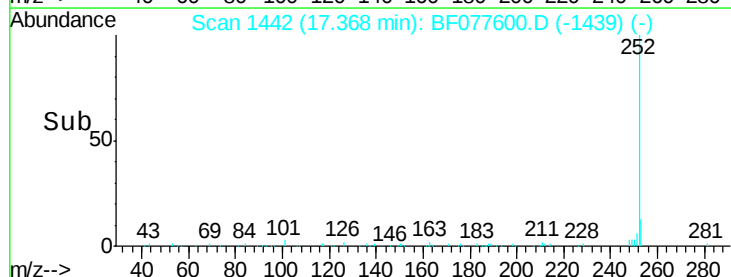
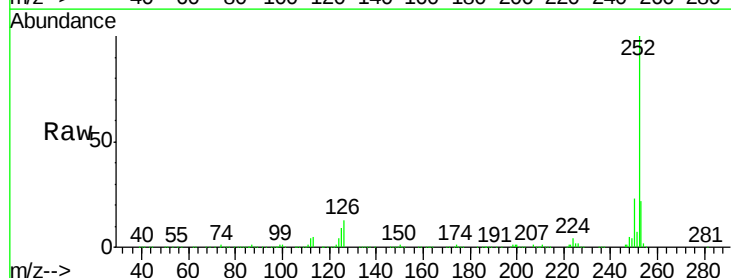
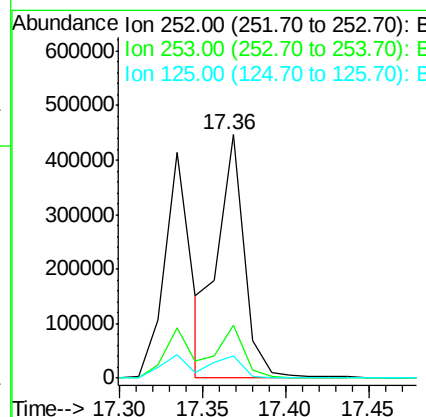
RT: 17.37 min Scan# 1442

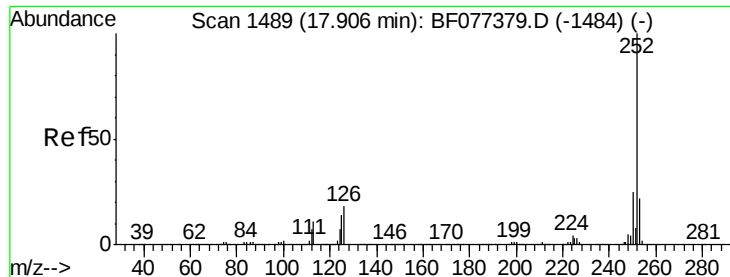
Delta R.T. -0.07 min

Lab File: BF077600.D

Acq: 5 Mar 2015 2:36

Tgt Ion:	252	Resp:	494076
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	8.9	10.1	15.1#





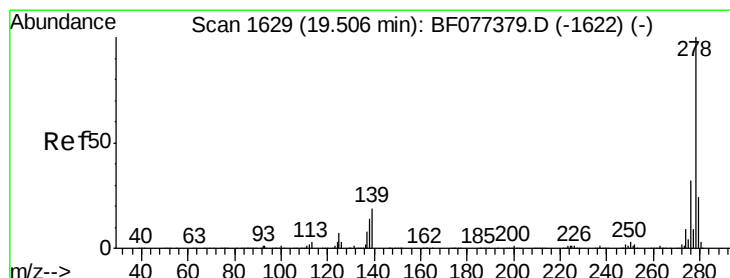
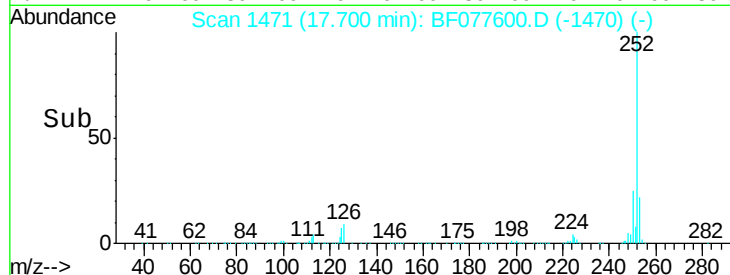
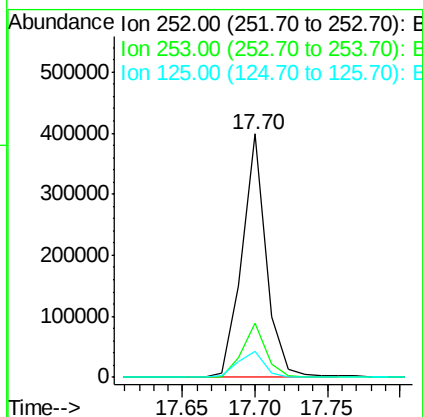
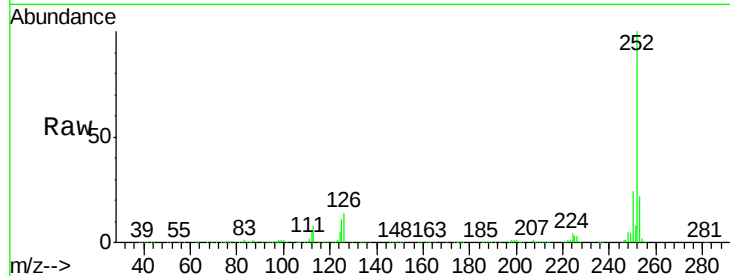
#89
Benzo(a)pyrene
Concen: 33.06 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.09 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-013MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.7	8.3	12.5

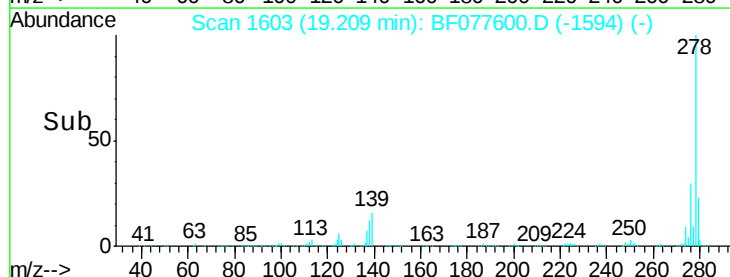
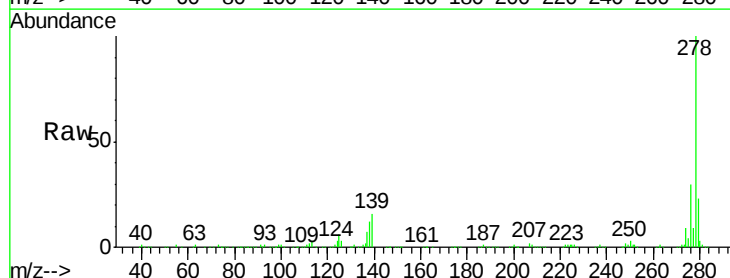
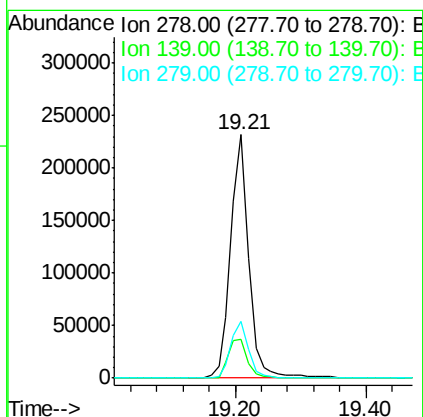
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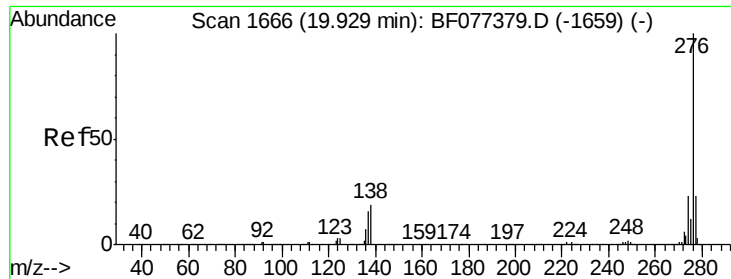
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#90
Dibenzo(a,h)anthracene
Concen: 33.40 ng
RT: 19.21 min Scan# 1603
Delta R.T. -0.10 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.3	21.5
279	23.1	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 33.67 ng
 RT: 19.60 min Scan# 1637
 Delta R.T. -0.10 min
 Lab File: BF077600.D
 Acq: 5 Mar 2015 2:36

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-013MSD

Tgt	Ion	276	Resp:	454706
Ion	Ratio	Lower	Upper	
276	100			
277	23.5	18.9	28.3	
138	23.4	20.5	30.7	

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