

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096822.D
 Acq On : 17 Jul 2017 16:31
 Operator : SJ/JU
 Sample : I4196-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Manual Integrations
 APPROVED

mohammad
 7/20/2017 8:38:19 AM

Quant Time: Jul 17 18:56:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 18:17:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	110839	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	522957	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	194998	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	297730	20.00	ng	0.00
75) Chrysene-d12	13.74	240	199225	20.00	ng	0.00
86) Perylene-d12	15.11	264	204827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	661647	89.76	ng	0.02
7) Phenol-d6	6.26	99	814473	92.07	ng	0.00
23) Nitrobenzene-d5	7.17	82	523762	62.04	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	148352	89.13	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	917475	74.34	ng	0.00
78) Terphenyl-d14	12.70	244	515292	44.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	96987	25.569	ng	# 75
3) Pyridine	2.93	79	238814	29.958	ng	# 63
4) n-Nitrosodimethylamine	2.87	42	151363	33.954	ng	# 81
6) Aniline	6.27	93	277764	25.491	ng	# 19
8) 2-Chlorophenol	6.40	128	247116	31.074	ng	# 98
9) Benzaldehyde	6.15	77	134937	26.391	ng	# 99
10) Phenol	6.28	94	331837	33.183	ng	# 94
11) bis(2-Chloroethyl)ether	6.35	93	265617	35.321	ng	# 90
12) 1,3-Dichlorobenzene	6.55	146	264747	31.319	ng	# 98
13) 1,4-Dichlorobenzene	6.63	146	269018	31.425	ng	# 95
14) 1,2-Dichlorobenzene	6.78	146	253493	32.556	ng	# 98
15) Benzyl Alcohol	6.76	79	195745	33.798	ng	# 100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	580044	37.375	ng	# 93
17) 2-Methylphenol	6.88	107	221761	35.860	ng	# 98
18) Hexachloroethane	7.12	117	98957	32.599	ng	# 78
19) n-Nitroso-di-n-propylamine	7.03	70	185941	34.889	ng	# 81
20) 3+4-Methylphenols	7.04	107	273430	36.436	ng	# 65
22) Acetophenone	7.03	105	377730	32.317	ng	# 99
24) Nitrobenzene	7.19	77	263608	30.189	ng	# 95
25) Isophorone	7.44	82	456794	29.084	ng	# 95
26) 2-Nitrophenol	7.52	139	146773	30.230	ng	# 92
27) 2,4-Dimethylphenol	7.56	122	254989	31.923	ng	# 96
28) bis(2-Chloroethoxy)methane	7.65	93	314391	29.623	ng	# 100
29) 2,4-Dichlorophenol	7.76	162	212405	29.377	ng	# 98
30) 1,2,4-Trichlorobenzene	7.84	180	208833	30.378	ng	# 98
31) Naphthalene	7.92	128	786912	31.764	ng	# 100
32) Benzoic acid	7.66	122	28861	5.653	ng	# 96
33) 4-Chloroaniline	7.97	127	231387	23.574	ng	# 95
34) Hexachlorobutadiene	8.04	225	104344	28.433	ng	# 97
35) Caprolactam	8.33	113	74644m	32.220	ng	# 91
36) 4-Chloro-3-methylphenol	8.46	107	237029	30.489	ng	# 98
37) 2-Methylnaphthalene	8.60	142	544881	34.499	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	190603	36.159	ng	# 100
40) Hexachlorocyclopentadiene	8.76	237	54265	30.650	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	130698	33.614	nq	99
43) 2,4,5-Trichlorophenol	8.93	196	146927	37.468	nq	94
45) 1,1'-Biphenyl	9.07	154	586942	35.096	nq	98
46) 2-Chloronaphthalene	9.09	162	457136	37.121	nq	94
47) 2-Nitroaniline	9.19	65	163951	38.732	nq	96
48) Acenaphthylene	9.50	152	628976	32.056	nq	99
49) Dimethylphthalate	9.37	163	640421	43.617	nq	100
50) 2,6-Dinitrotoluene	9.43	165	101370	31.875	nq	# 87
51) Acenaphthene	9.67	154	361730	31.208	nq	99
52) 3-Nitroaniline	9.60	138	104015	27.608	nq	86
53) 2,4-Dinitrophenol	9.71	184	16172	16.145	nq	# 69
54) Dibenzofuran	9.85	168	548147	33.747	nq	99
55) 4-Nitrophenol	9.77	139	154468	56.120	nq	# 69
56) 2,4-Dinitrotoluene	9.83	165	125217	30.640	nq	# 75
57) Fluorene	10.19	166	390483	32.532	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	96309	35.413	nq	95
59) Diethylphthalate	10.07	149	474771	33.216	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	172231	32.077	nq	97
61) 4-Nitroaniline	10.20	138	108395	30.638	nq	92
62) Azobenzene	10.34	77	418633	33.199	nq	92
64) 4,6-Dinitro-2-methylphenol	10.24	198	21154	11.316	nq	# 75
65) n-Nitrosodiphenylamine	10.30	169	374527	35.191	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	108499	35.694	nq	95
67) Hexachlorobenzene	10.73	284	108282	31.984	nq	# 86
68) Atrazine	10.83	200	106383	35.085	nq	96
69) Pentachlorophenol	10.93	266	85349	52.185	nq	99
70) Phenanthrene	11.14	178	536100	33.116	nq	99
71) Anthracene	11.19	178	542575	33.149	nq	99
72) Carbazole	11.34	167	498831	31.471	nq	99
73) Di-n-butylphthalate	11.69	149	696811	35.299	nq	99
74) Fluoranthene	12.32	202	459693	29.667	nq	97
76) Benzidine	12.44	184	283064	43.370	nq	# 92
77) Pyrene	12.54	202	454519	25.138	nq	99
79) Butylbenzylphthalate	13.17	149	238083	55.428	nq	# 86
80) Benzo(a)anthracene	13.73	228	387736	31.236	nq	98
81) 3,3'-Dichlorobenzidine	13.69	252	138028	30.921	nq	# 95
82) Chrysene	13.76	228	387635	31.721	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	332578	31.789	nq	100
84) Di-n-octyl phthalate	14.34	149	593733	34.332	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.40	276	293619	27.430	nq	100
87) Benzo(b)fluoranthene	14.73	252	374652	30.328	nq	99
88) Benzo(k)fluoranthene	14.76	252	369479m	31.585	nq	
89) Benzo(a)pyrene	15.06	252	349651	30.860	nq	99
90) Dibenzo(a,h)anthracene	16.42	278	248780	23.862	nq	98
91) Benzo(g,h,i)perylene	16.79	276	236414	21.176	nq	96

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

```

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Misc      :
ALS Vial  : 14      Sample Multiplier: 1

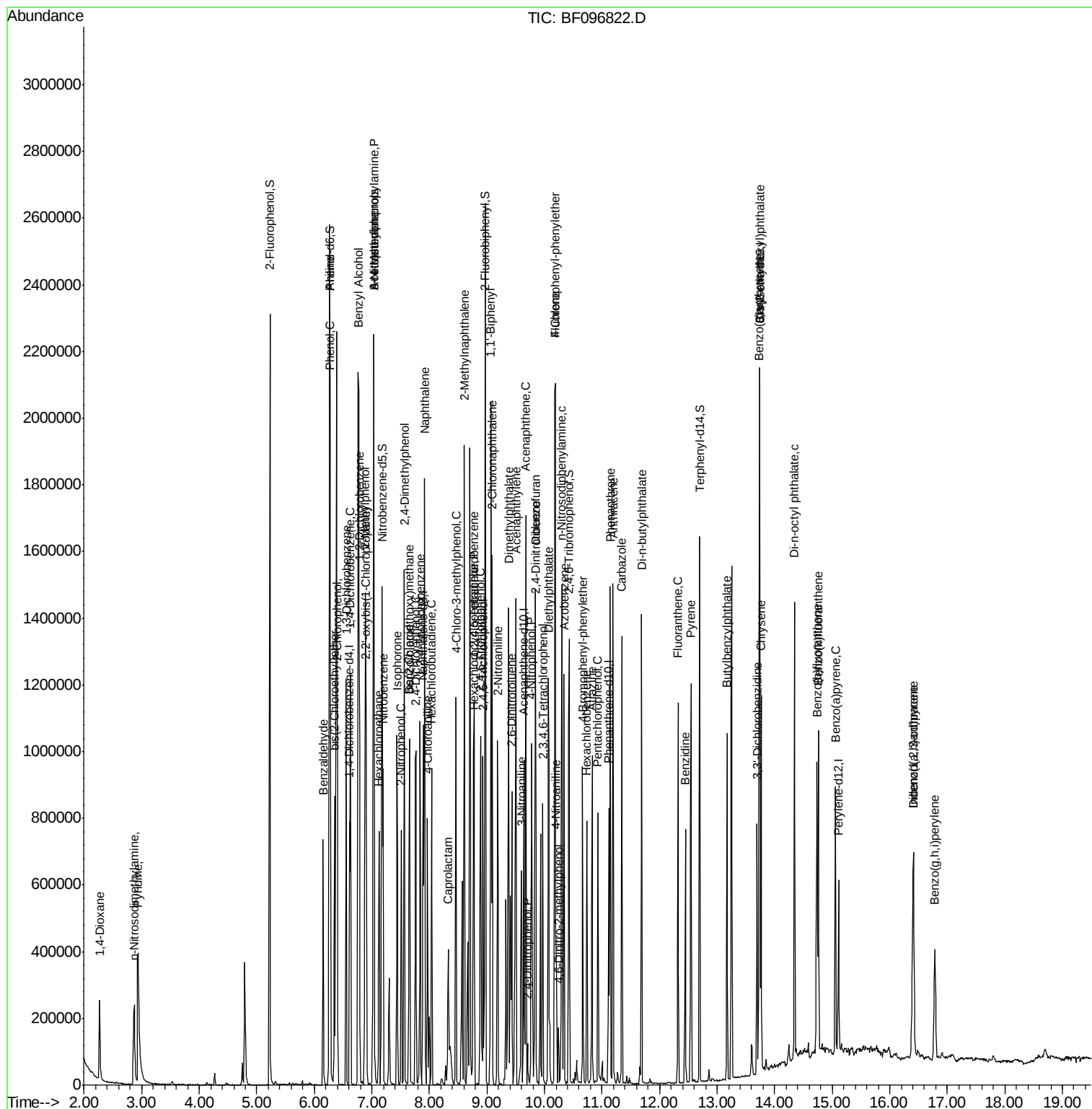
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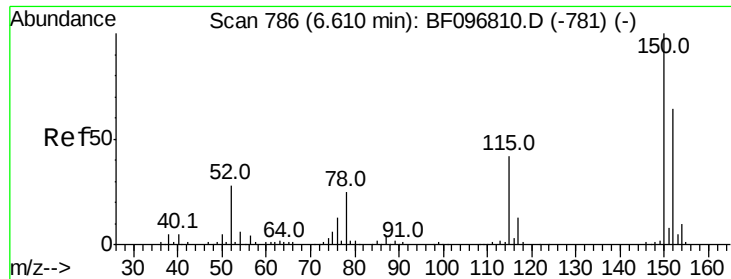
Instrument :
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ClientSampleId :
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#1

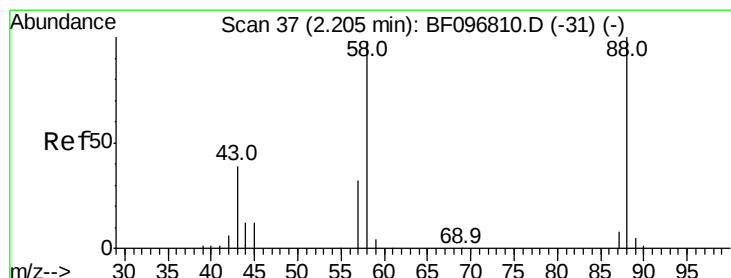
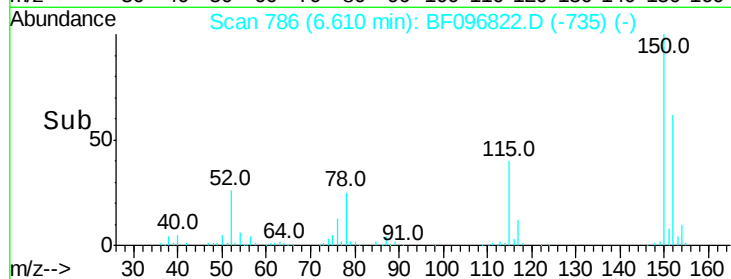
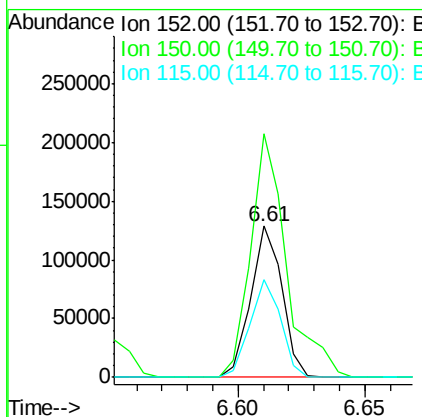
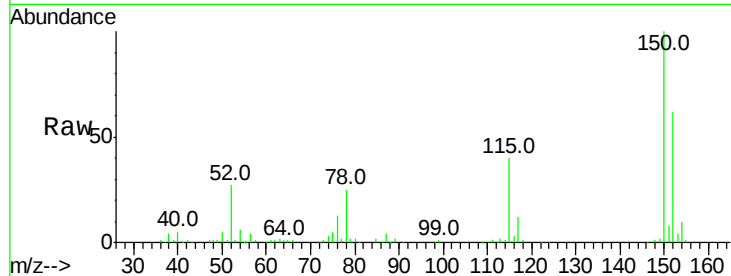
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.2	189.2
115	64.7	52.2	78.2

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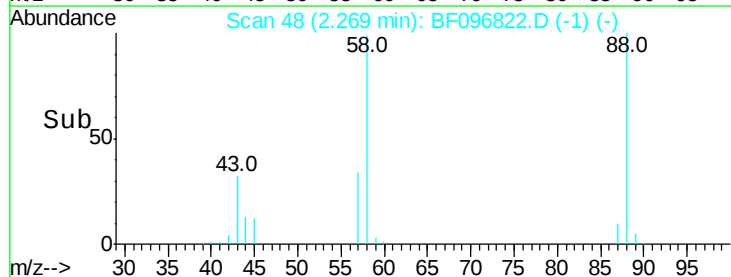
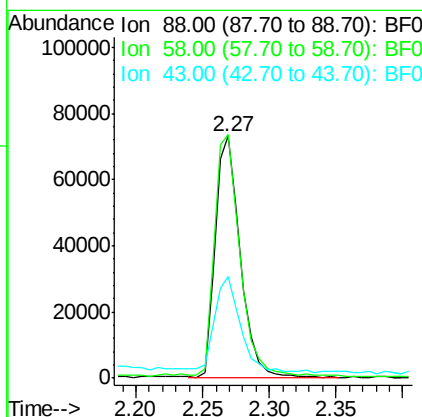
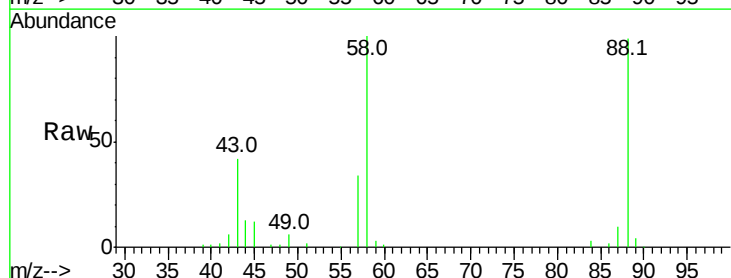
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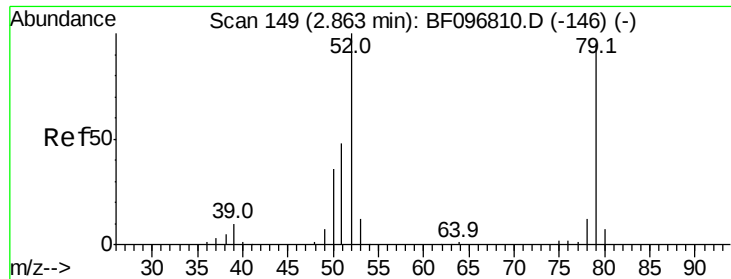


#2

1,4-Dioxane
Concen: 25.569 ng
RT: 2.27 min Scan# 48
Delta R.T. 0.06 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	61.4	92.0#
43	40.7	23.4	35.0#





#3

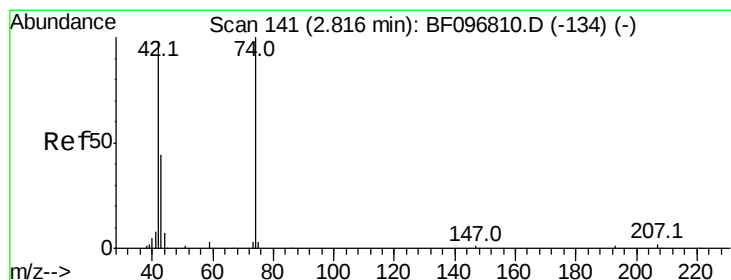
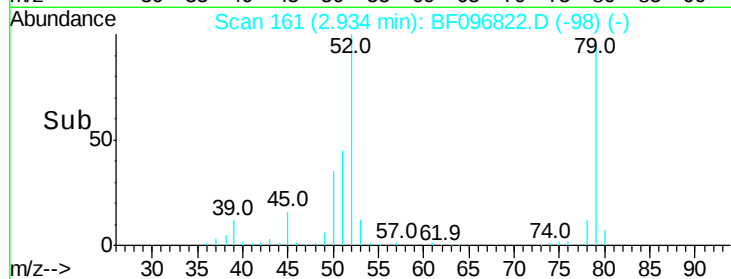
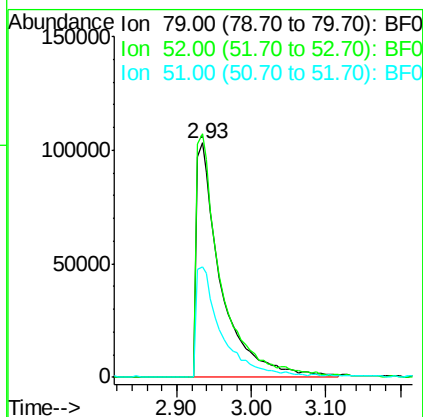
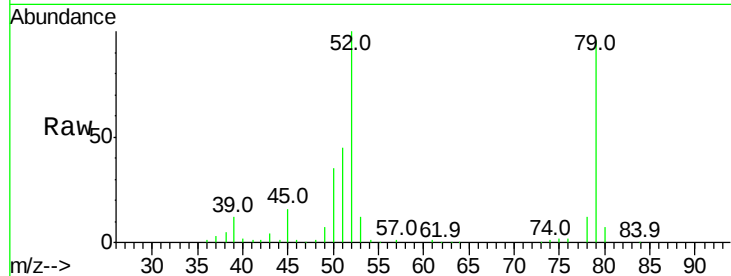
Pvridine
Concen: 29.958 ng
RT: 2.93 min Scan# 161
Delta R.T. 0.07 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.0	54.8	82.2#
51	47.3	27.0	40.4#

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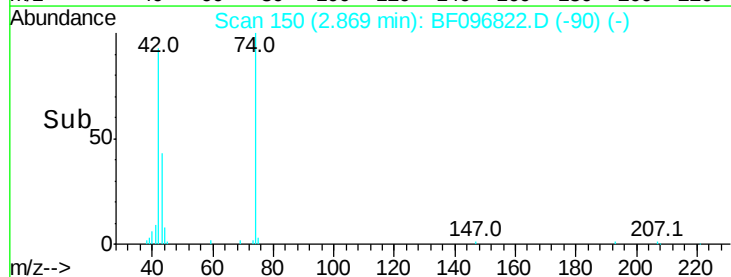
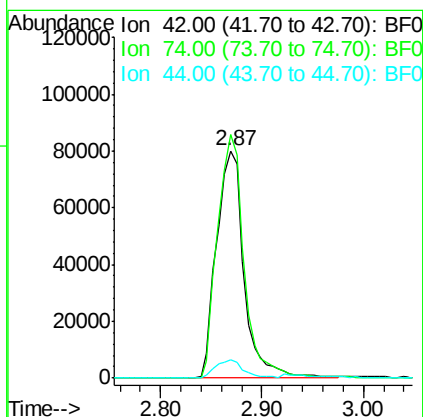
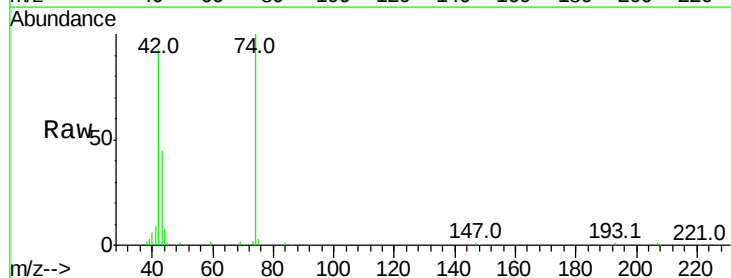
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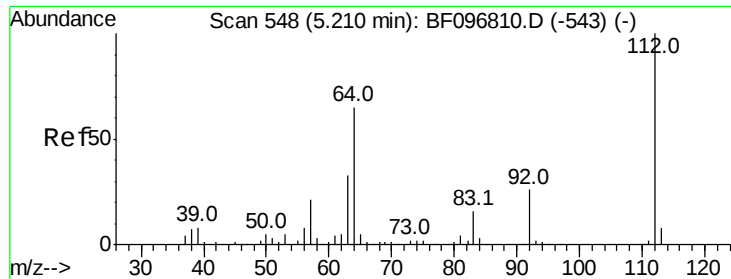


#4

n-Nitrosodimethylamine
Concen: 33.954 ng
RT: 2.87 min Scan# 150
Delta R.T. 0.05 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.1	103.9	155.9
44	8.1	5.7	8.5





#5

2-Fluorophenol

Concen: 89.756 ng

RT: 5.23 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

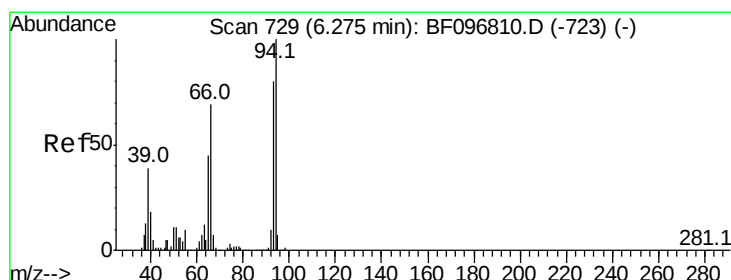
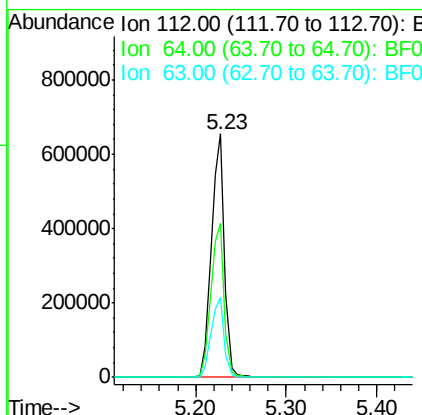
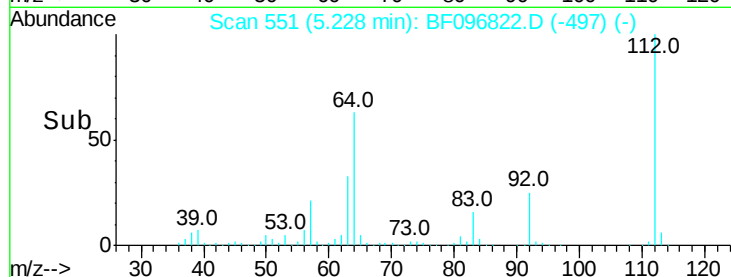
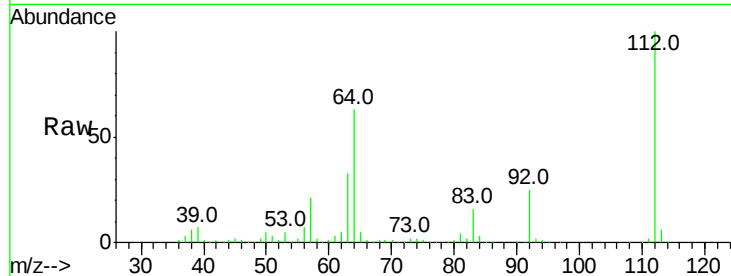
ClientSampleId :

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Tot Ion:	112	Resp:	661647
Ion Ratio	Lower	Upper	
112	100		
64	63.1	46.0	69.0
63	32.5	23.4	35.0

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#6

Aniline

Concen: 25.491 ng

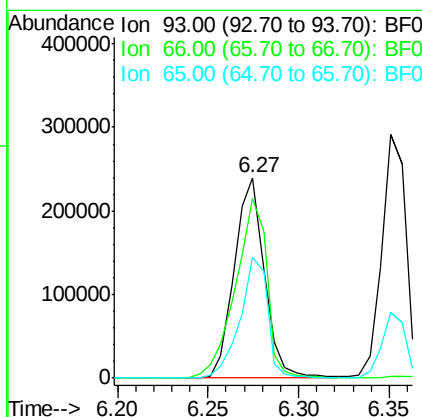
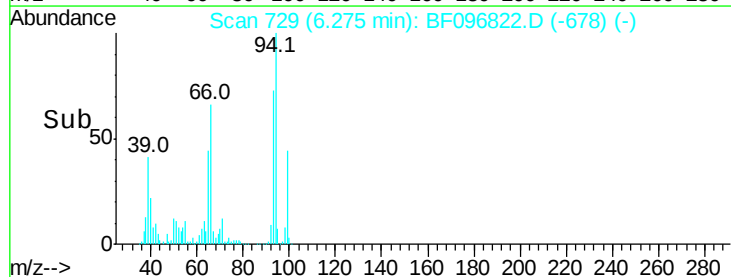
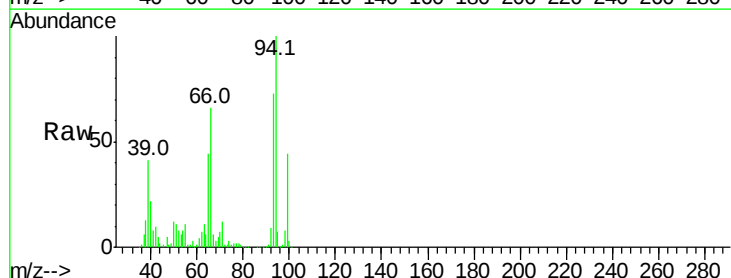
RT: 6.27 min Scan# 729

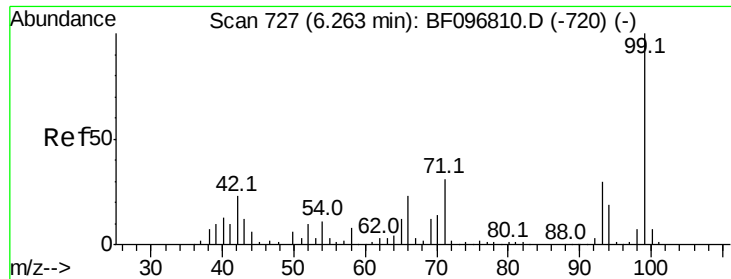
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	93	Resp:	277764
Ion Ratio	Lower	Upper	
93	100		
66	89.8	32.9	49.3#
65	60.0	16.0	24.0#





#7

Phenol-d6

Concen: 92.070 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

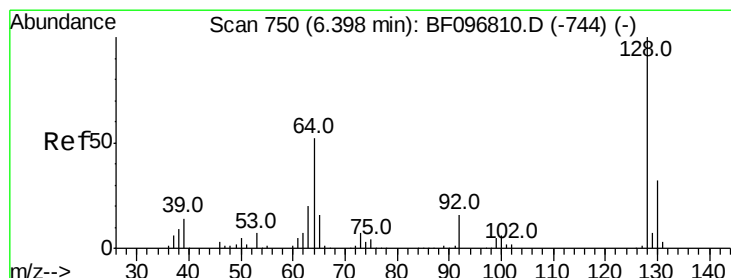
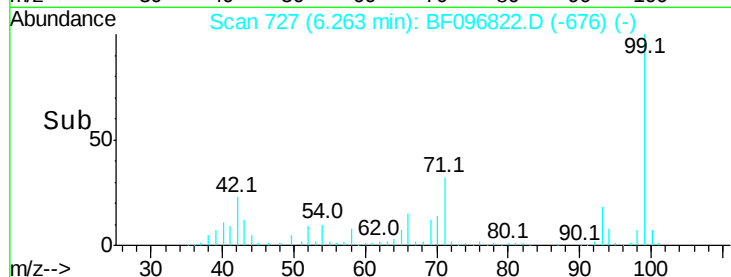
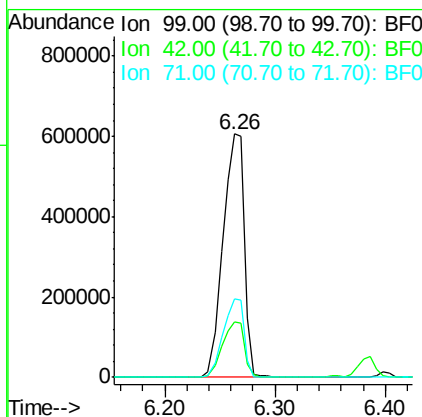
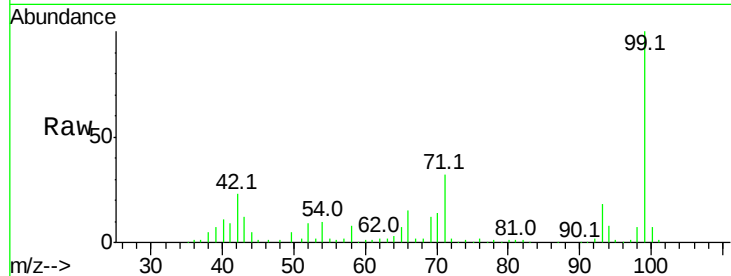
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	99	Resp:	814473
Ion Ratio	Lower	Upper	
99	100		
42	22.5	13.5	20.3#
71	32.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 31.074 ng

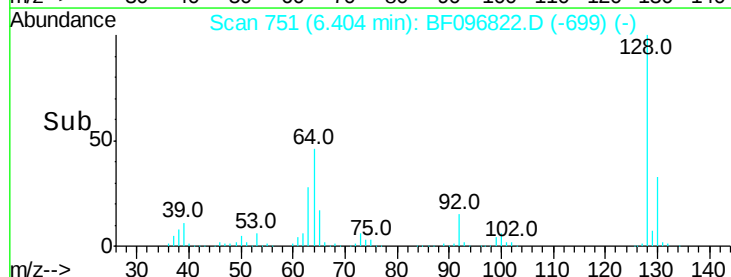
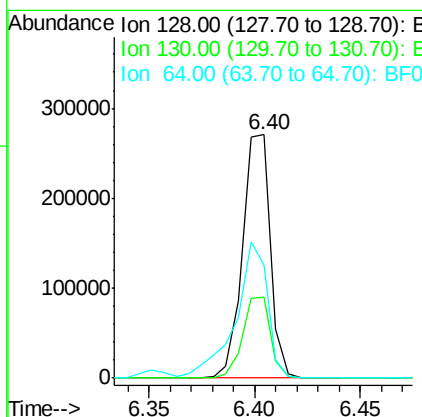
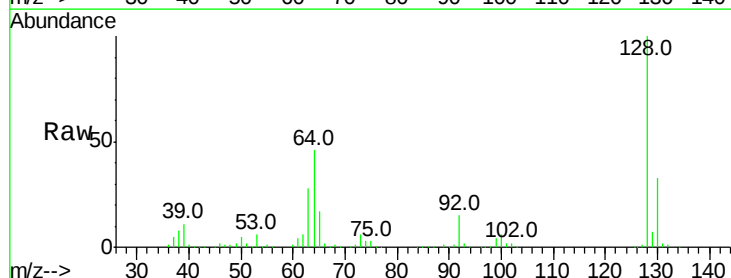
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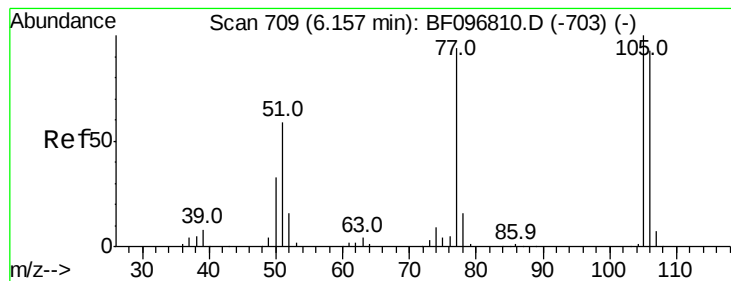
Delta R.T. 0.01 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	128	Resp:	247116
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	46.4	28.4	68.4





#9

Benzaldehyde

Concen: 26.391 ng

RT: 6.15 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

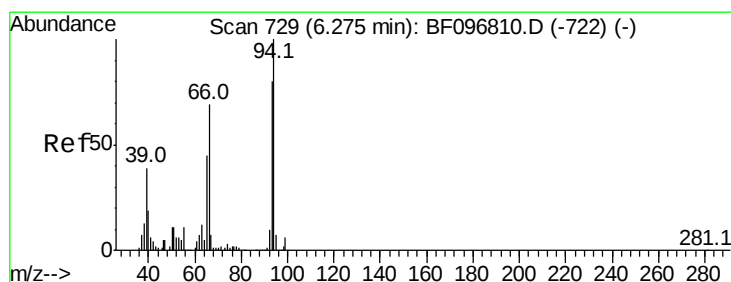
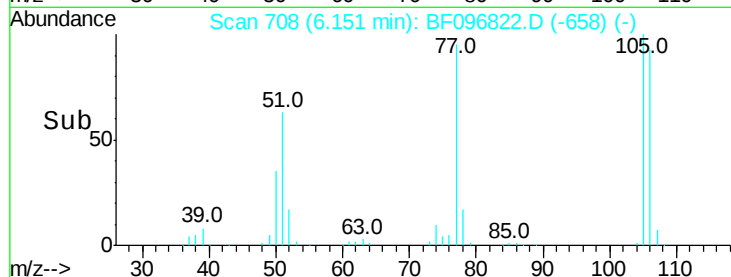
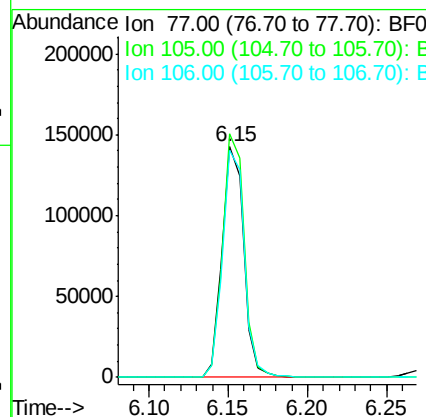
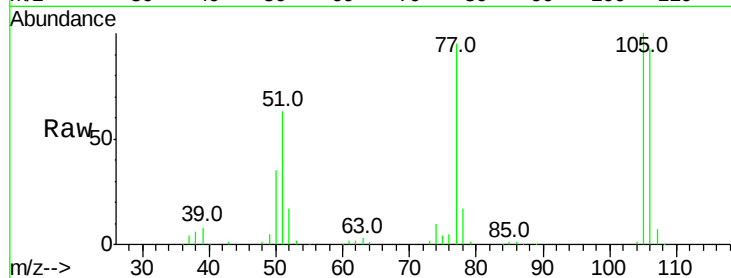
ClientSampleId :

FK-PS-01-012MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.5	83.8	123.8		
106	98.6	79.1	119.1		

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#10

Phenol

Concen: 33.183 ng

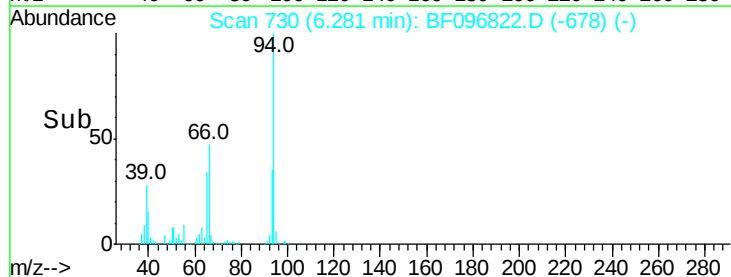
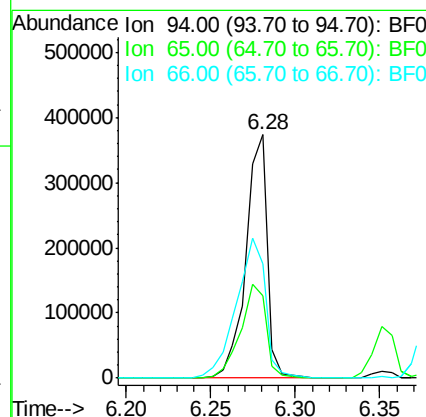
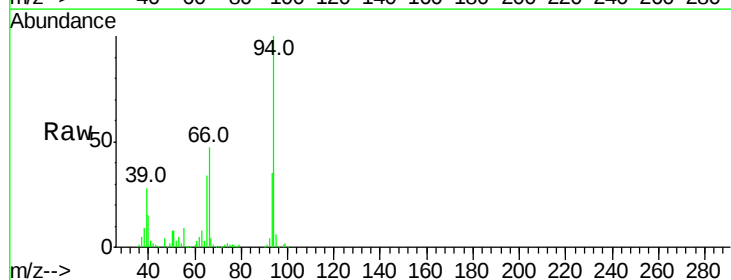
RT: 6.28 min Scan# 730

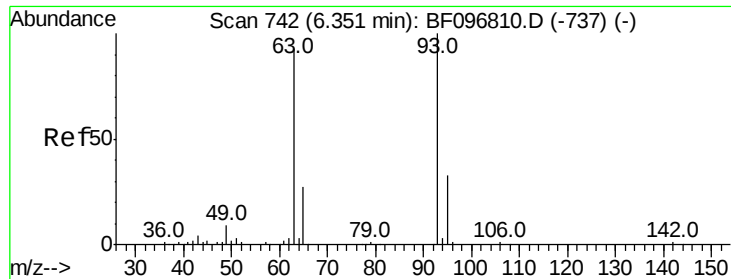
Delta R.T. 0.01 min

Lab File: BF096822.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.0	9.9	49.9		
66	46.7	23.1	63.1		





#11

bis(2-Chloroethyl)ether

Concen: 35.321 ng

RT: 6.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

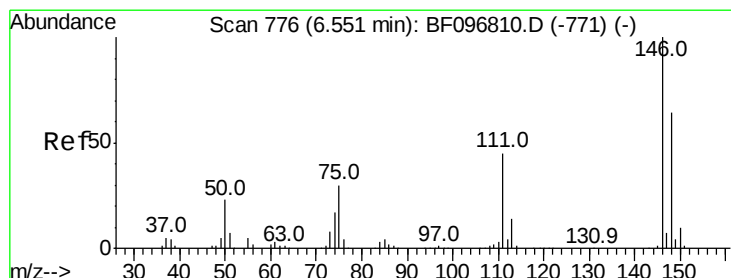
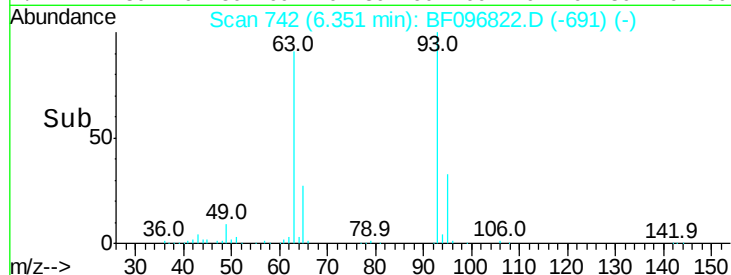
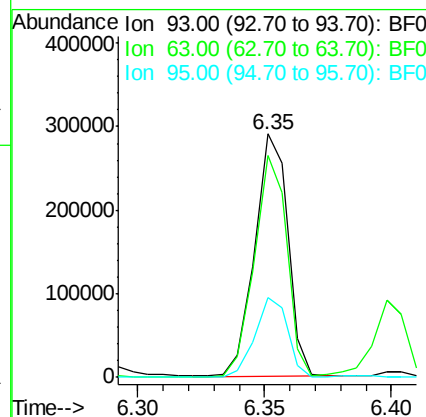
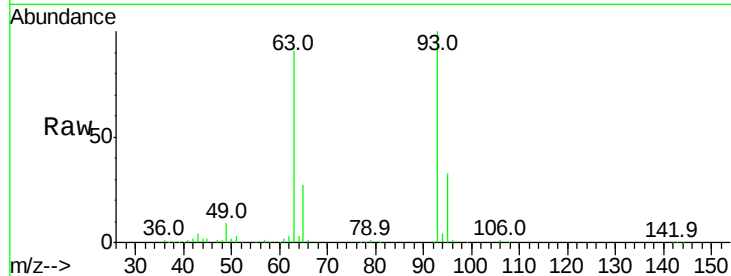
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	93	Resp:	265617
Ion Ratio	Lower	Upper	
93	100		
63	91.0	59.2	99.2
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 31.319 ng

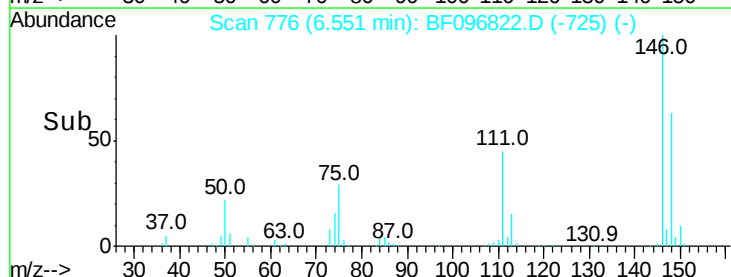
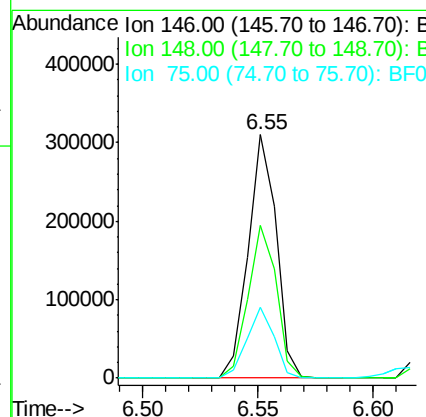
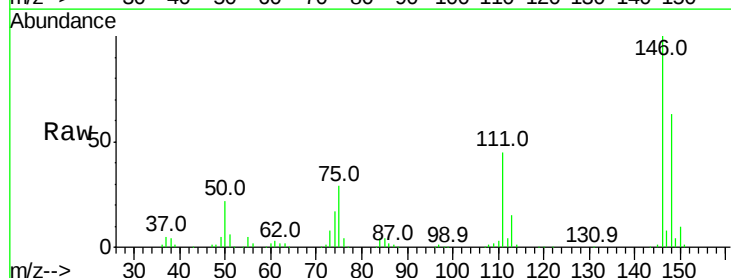
RT: 6.55 min Scan# 776

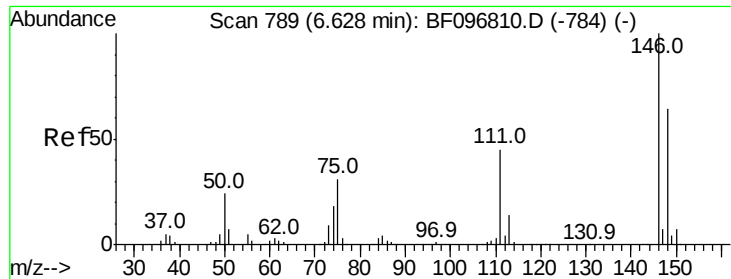
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	146	Resp:	264747
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.6
75	29.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 31.425 ng

RT: 6.63 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

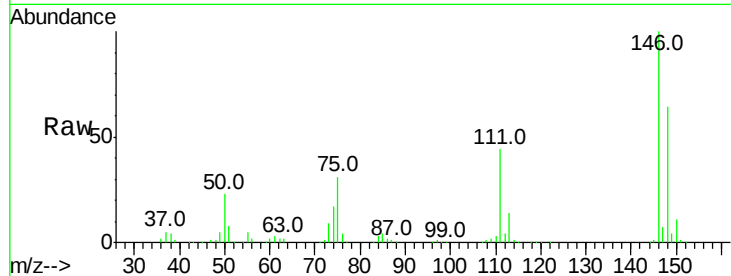
ClientSampleId :

FK-PS-01-012MS

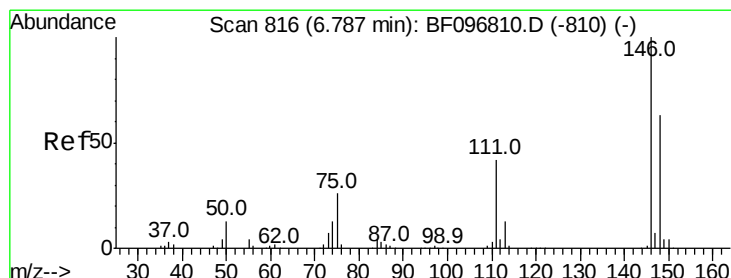
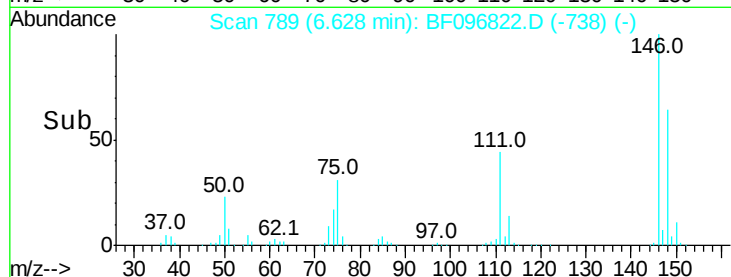
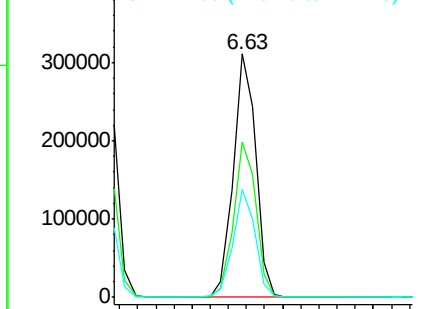
Tot Ion:	146	Resp:	269018
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	44.5	30.3	45.5

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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: 32.556 ng

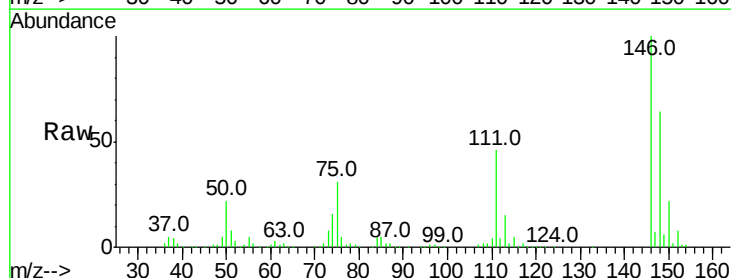
RT: 6.78 min Scan# 815

Delta R.T. -0.01 min

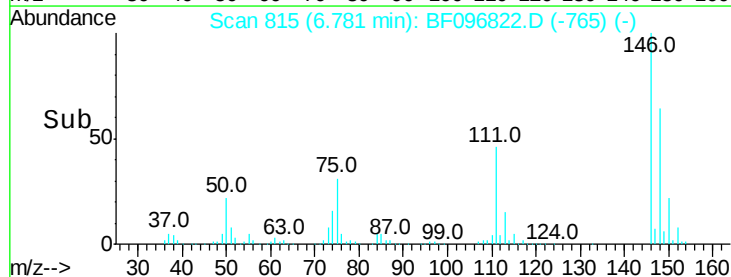
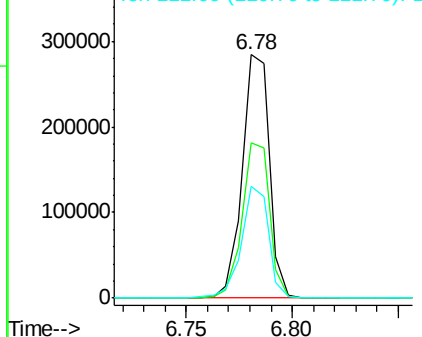
Lab File: BF096822.D

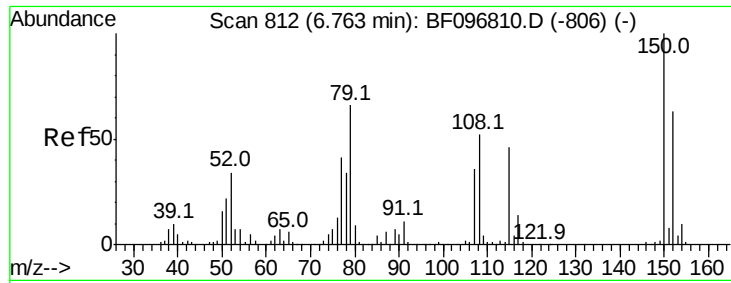
Acq: 17 Jul 2017 16:31

Tgt Ion:	146	Resp:	253493
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.4	75.6
111	46.0	38.2	57.4



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





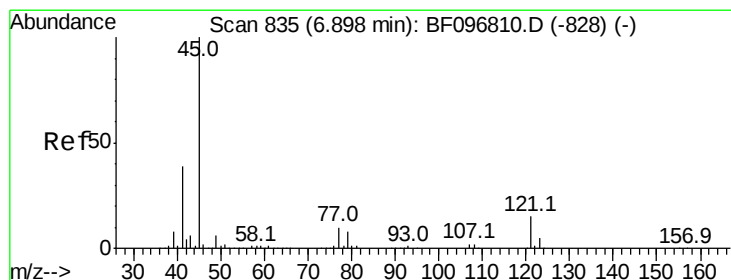
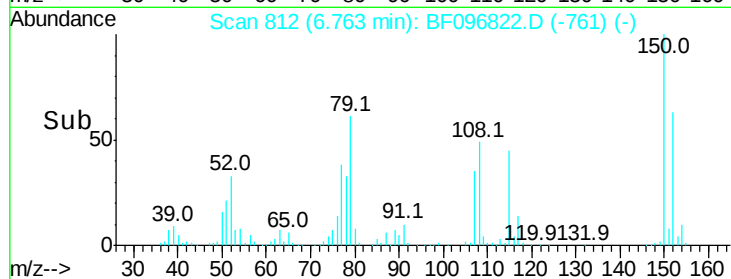
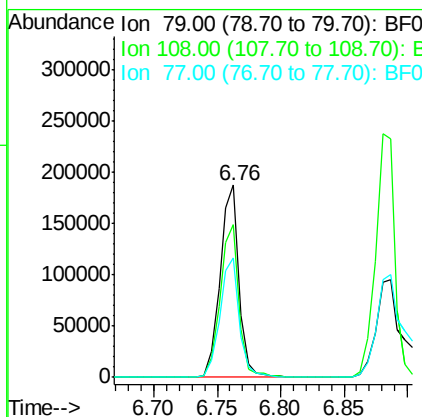
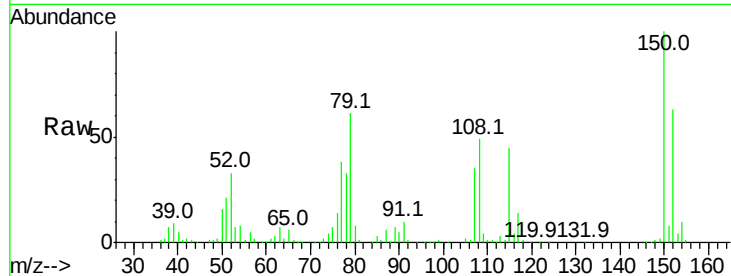
#15
Benzyl Alcohol
Concen: 33.798 ng
RT: 6.76 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	63.4	95.0
77	62.2	49.2	73.8

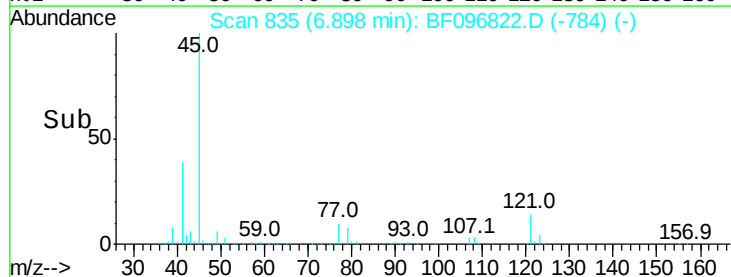
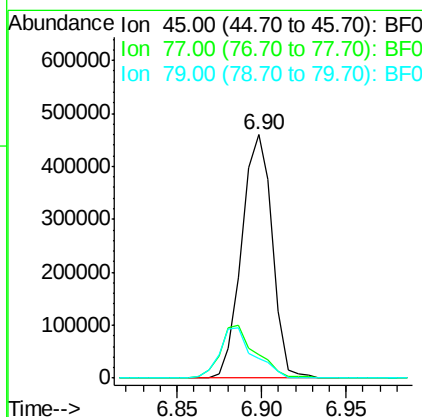
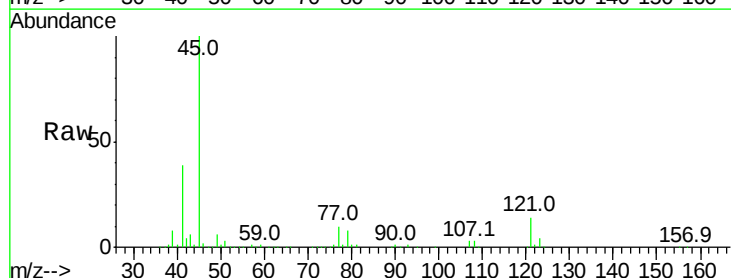
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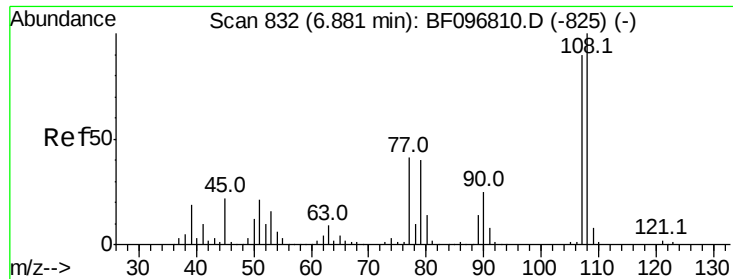
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.375 ng
RT: 6.90 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	33.2
79	8.0	0.0	30.0





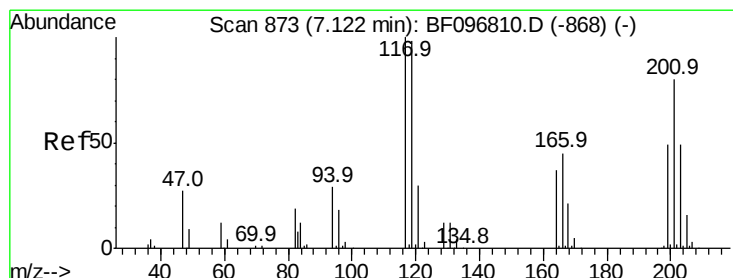
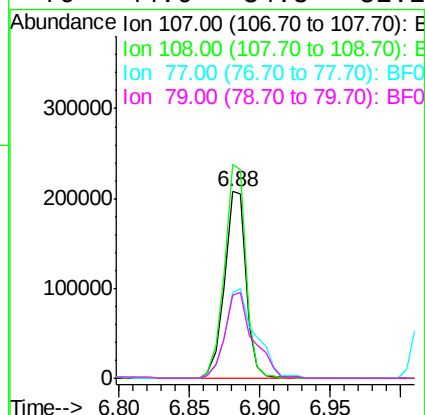
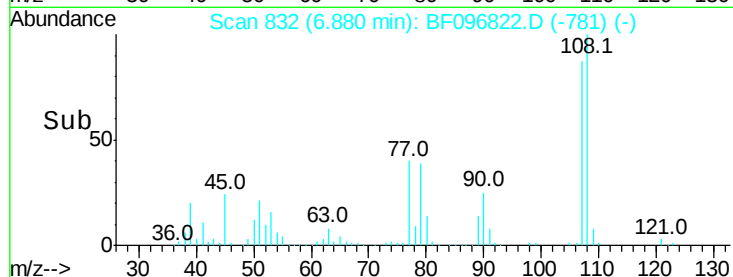
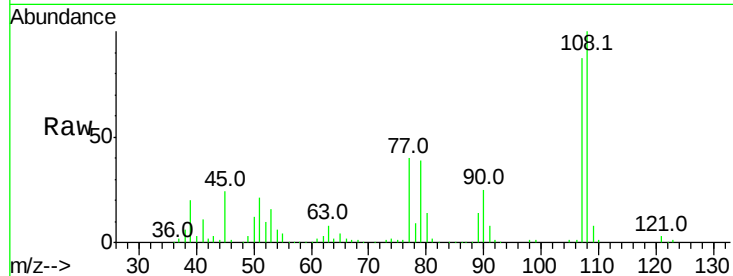
#17
2-Methylphenol
Concen: 35.860 ng
RT: 6.88 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	107	Resp	221761
Ion Ratio	Lower	Upper	
107	100		
108	114.4	93.4	140.0
77	45.9	35.8	53.6
79	44.6	34.8	52.2

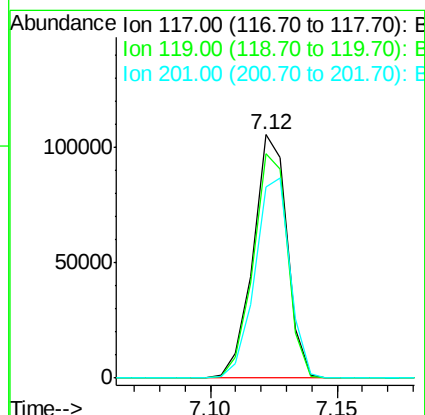
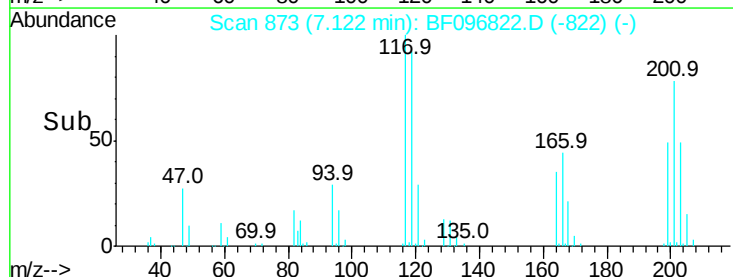
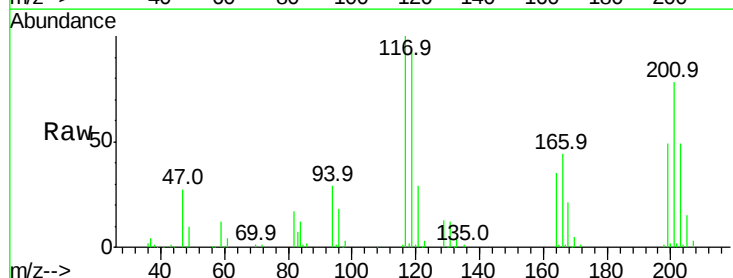
Manual Integrations
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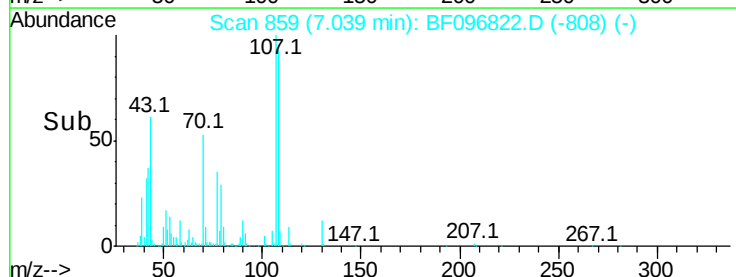
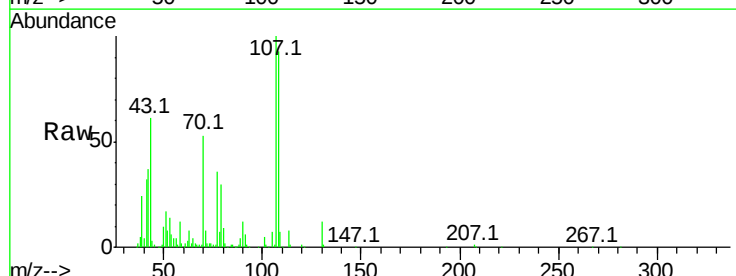
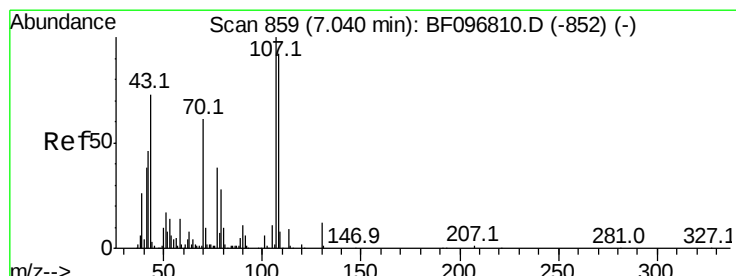
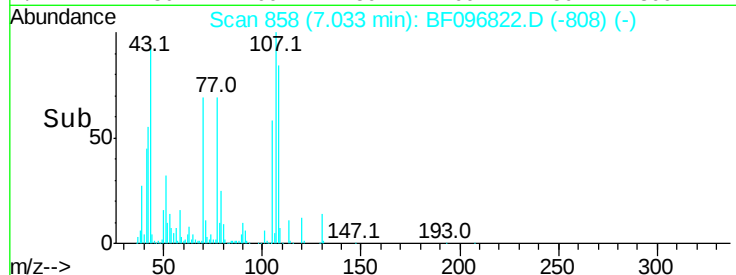
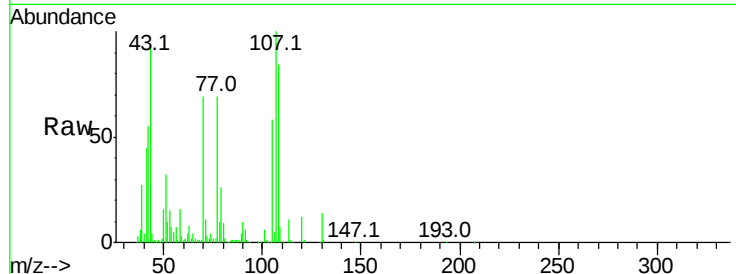
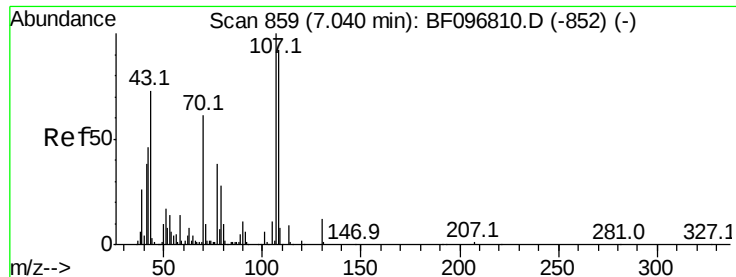
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#18
Hexachloroethane
Concen: 32.599 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	117	Resp	98957
Ion Ratio	Lower	Upper	
117	100		
119	92.1	77.4	116.0
201	78.4	94.6	141.8#





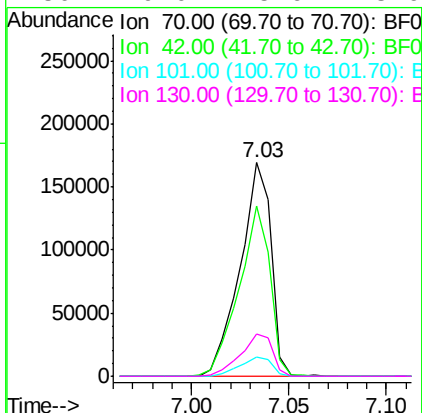
#19
n-Nitroso-di-n-propylamine
Concen: 34.889 ng
RT: 7.03 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.8	47.2	70.8#
101	9.0	7.2	10.8
130	20.0	15.9	23.9

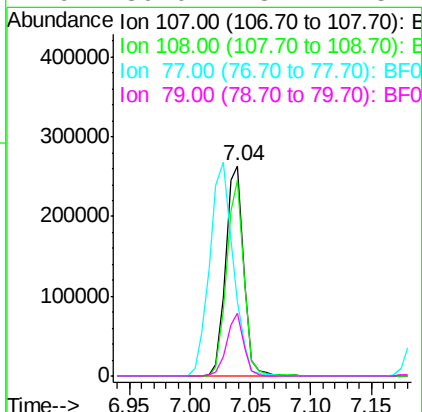
Manual Integrations
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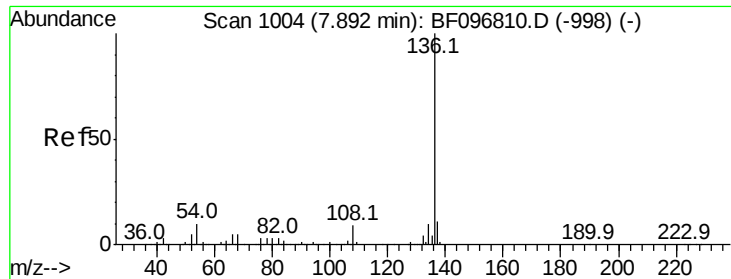
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#20
3+4-Methylphenols
Concen: 36.436 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	71.0	111.0
77	35.5	90.5	130.5#
79	30.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

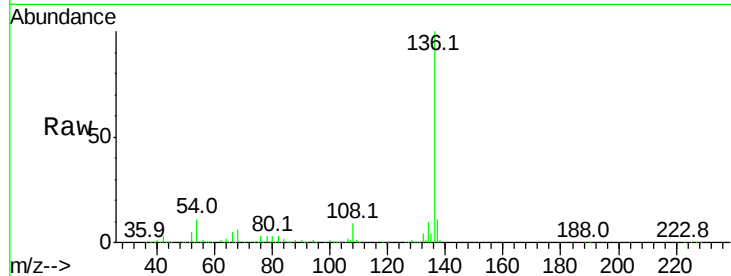
ClientSampleId :

FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.5	12.7	
54	10.8	4.9	7.3	
68	5.6	4.1	6.1	

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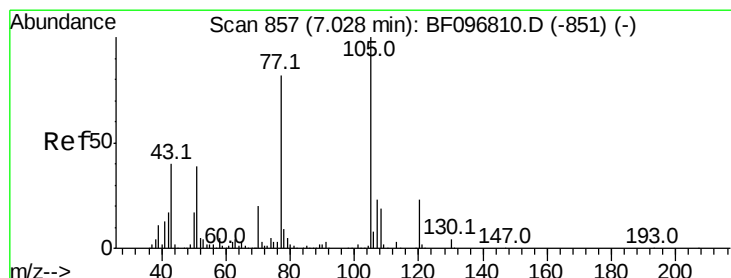
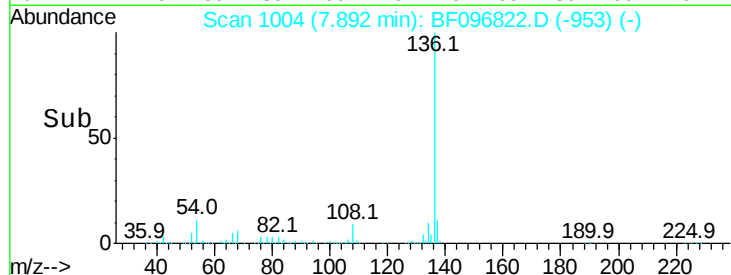
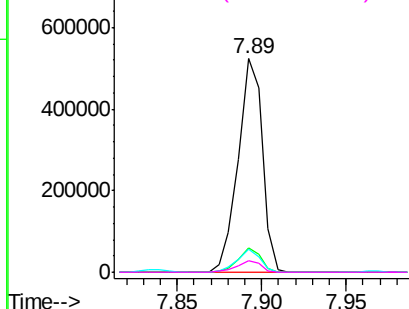


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.317 ng

RT: 7.03 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

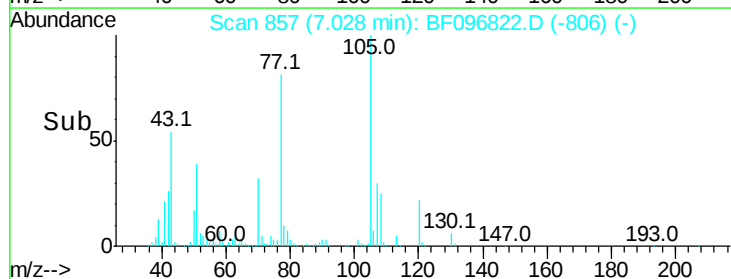
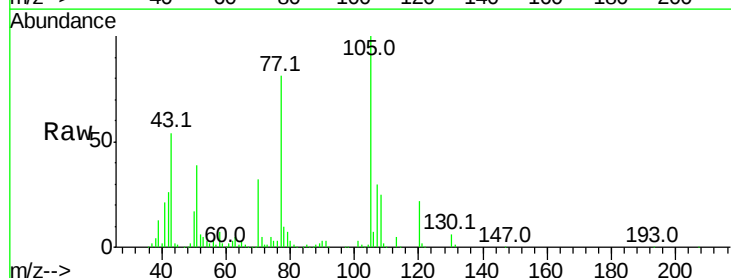
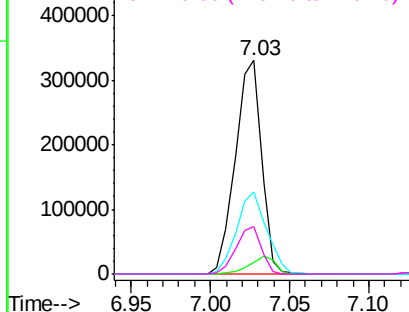
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	2.8	4.2	
51	38.5	30.7	46.1	
120	22.0	17.4	26.0	

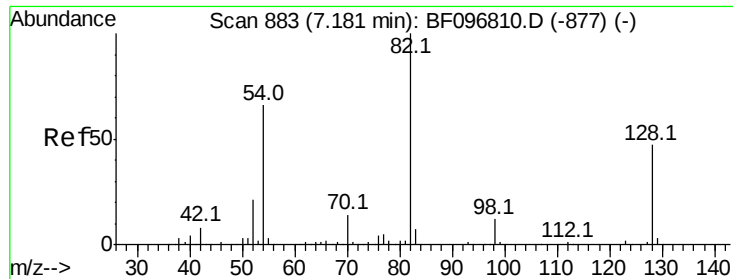
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





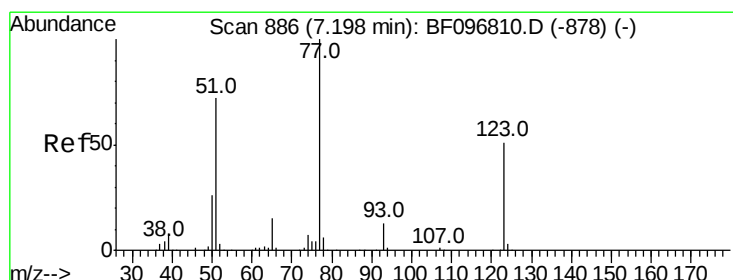
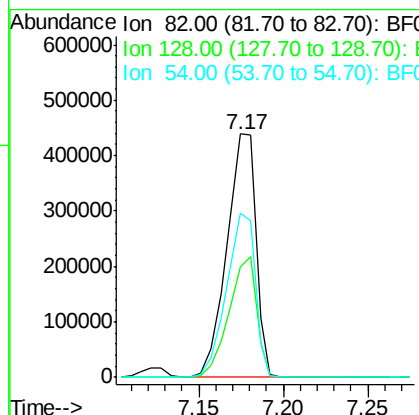
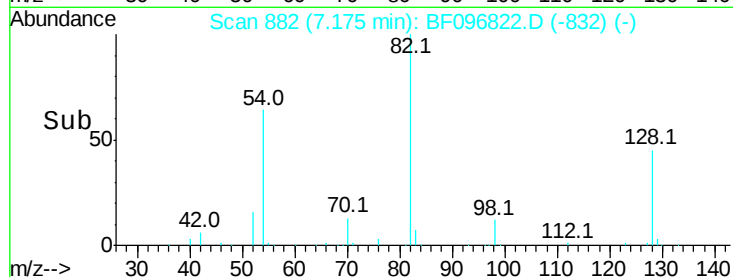
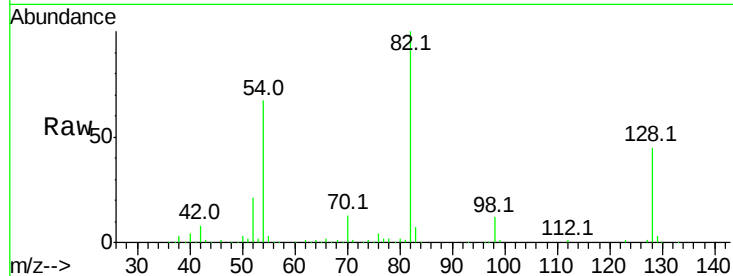
#23
 Nitrobenzene-d5
 Concen: 62.036 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion:	82	Resp:	523762
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.0	51.0
54	67.2	42.2	63.2#

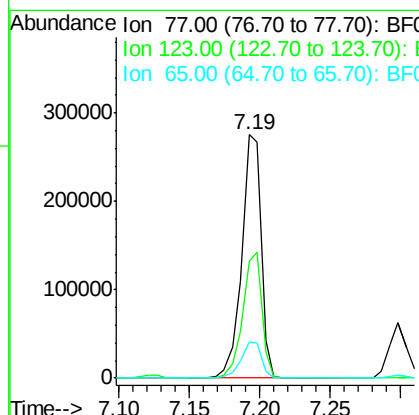
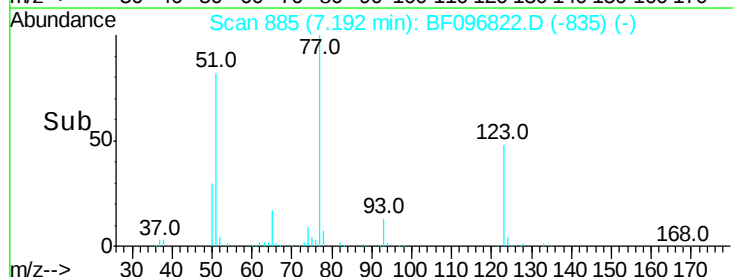
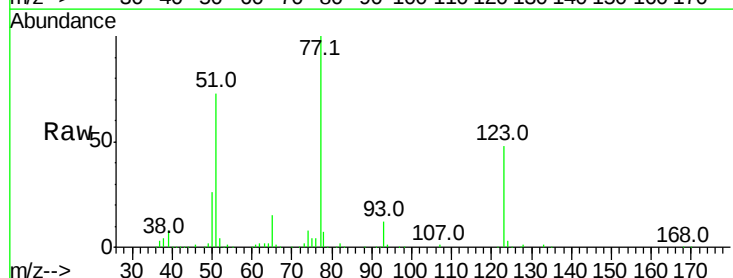
Manual Integrations
 APPROVED

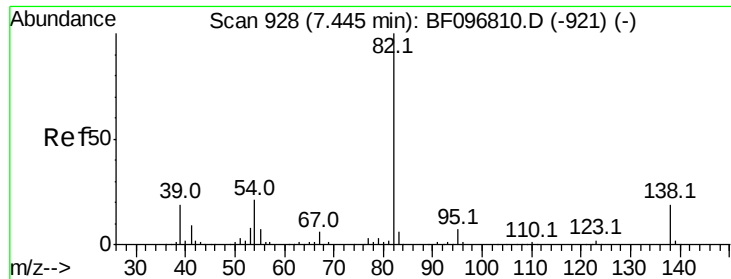
mohammad
 7/20/2017 8:38:19 AM



#24
 Nitrobenzene
 Concen: 30.189 ng
 RT: 7.19 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion:	77	Resp:	263608
Ion Ratio	Lower	Upper	
77	100		
123	47.8	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 29.084 ng

RT: 7.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

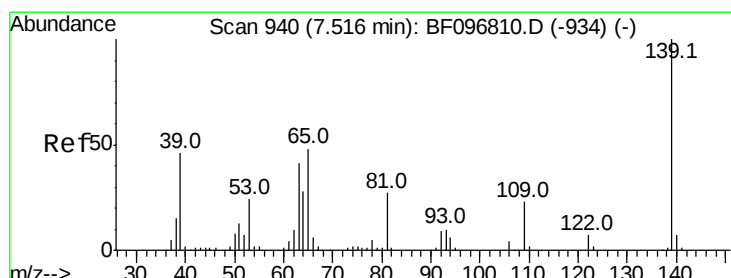
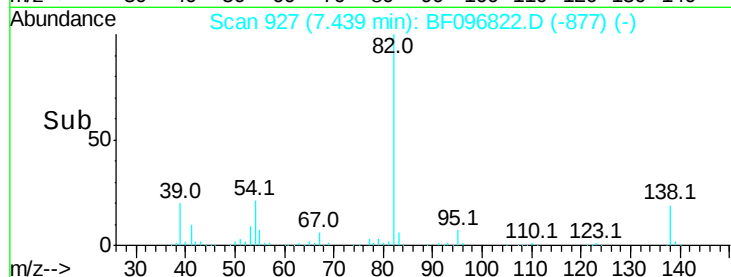
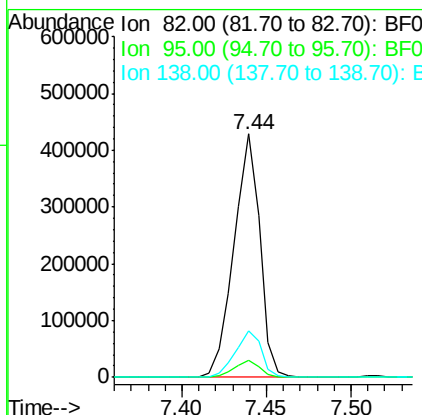
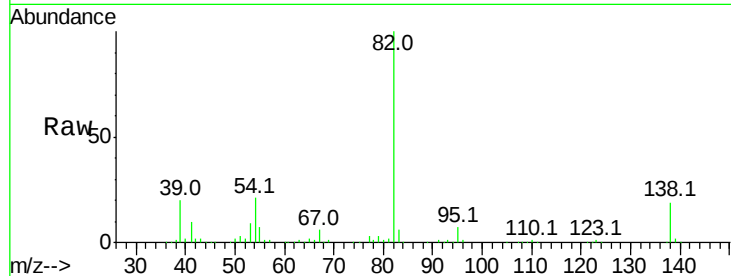
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	82	Resp:	456794
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	19.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 30.230 ng

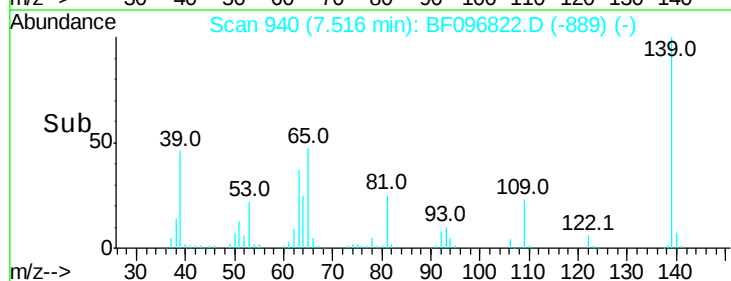
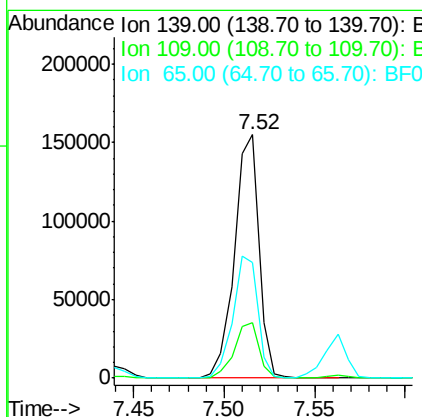
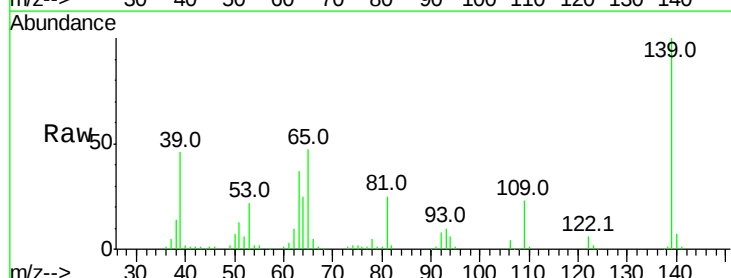
RT: 7.52 min Scan# 940

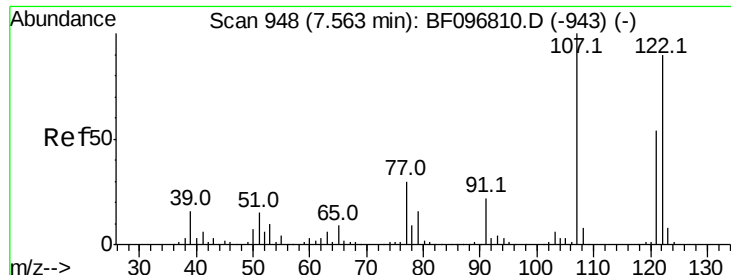
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	139	Resp:	146773
Ion Ratio	Lower	Upper	
139	100		
109	23.0	21.0	31.6
65	47.4	33.0	49.6





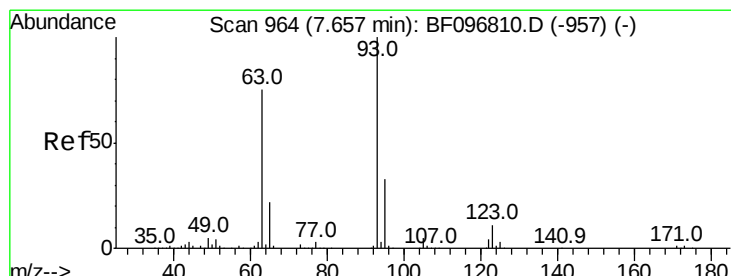
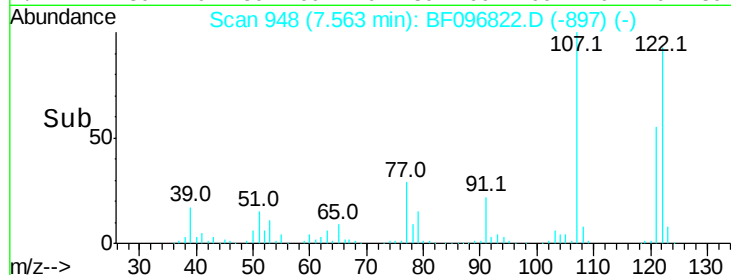
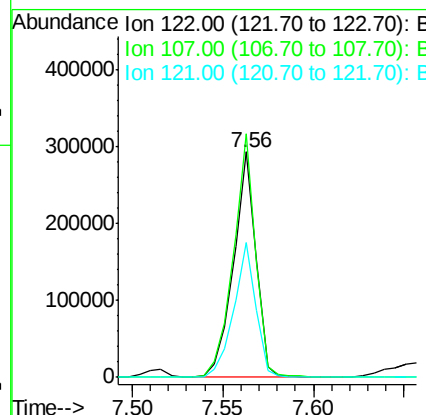
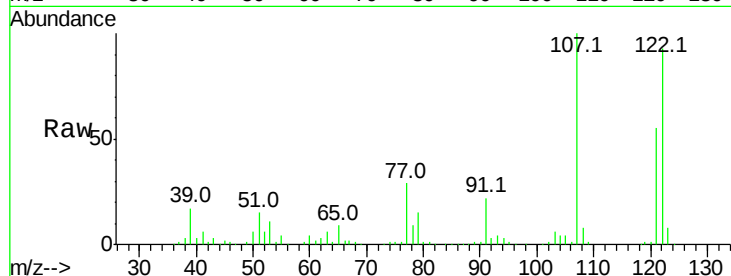
#27
2,4-Dimethylphenol
Concen: 31.923 ng
RT: 7.56 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	254989		
107	108.0	89.2	133.8	
121	59.9	45.2	67.8	

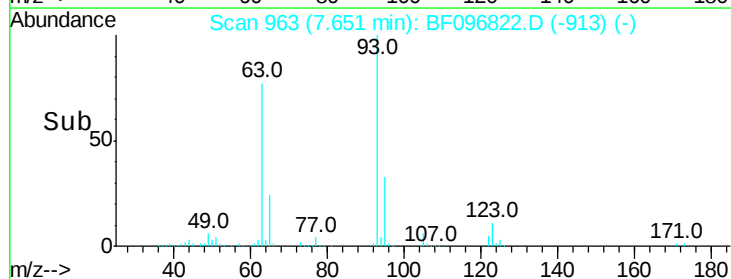
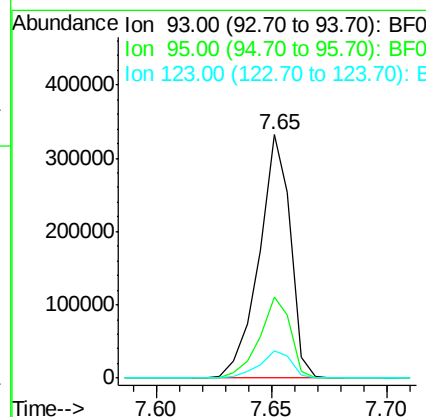
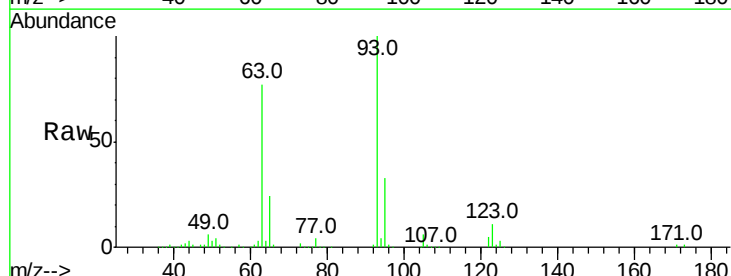
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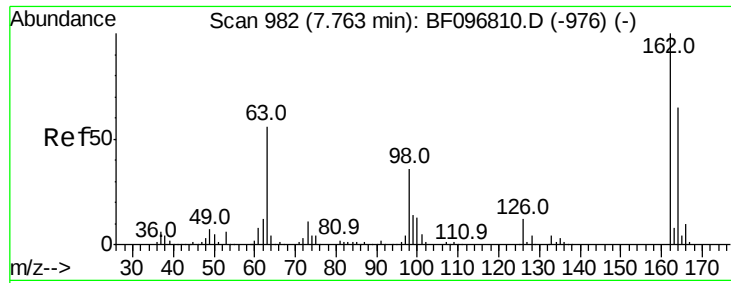
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#28
bis(2-Chloroethoxy)methane
Concen: 29.623 ng
RT: 7.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	314391		
95	33.2	26.5	39.7	
123	11.5	9.0	13.4	





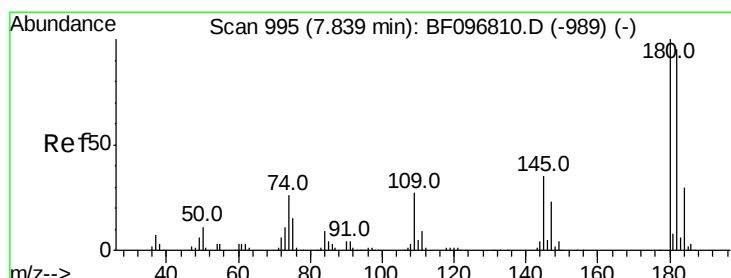
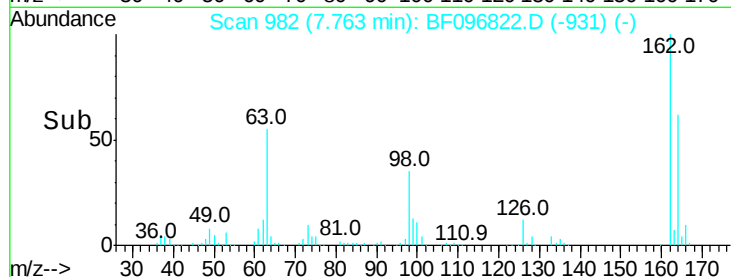
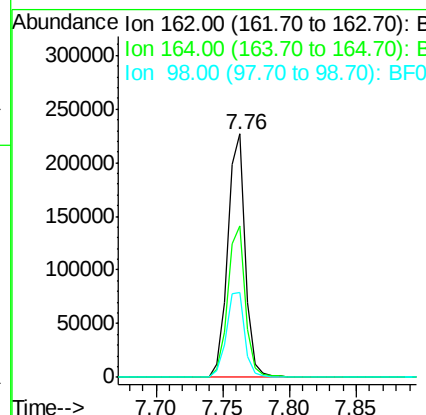
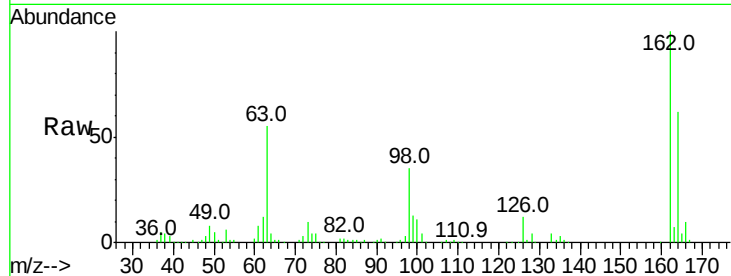
#29
 2,4-Dichlorophenol
 Concen: 29.377 ng
 RT: 7.76 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.9	44.6	84.6
98	34.9	14.8	54.8

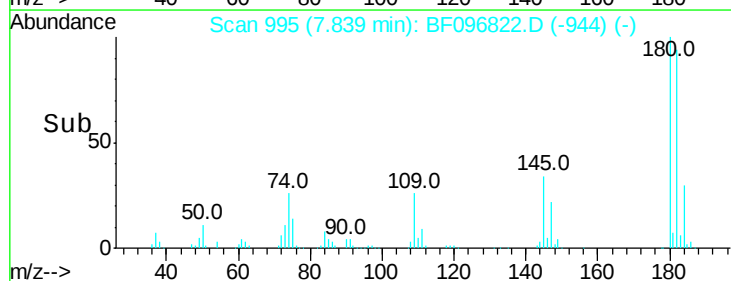
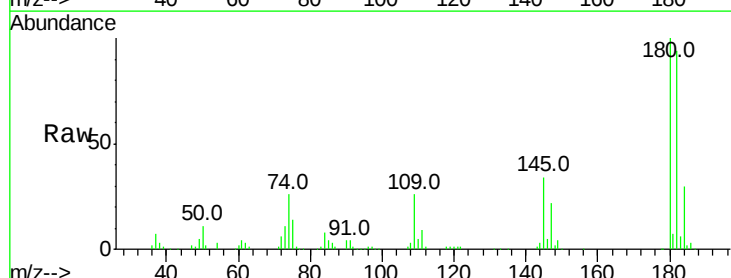
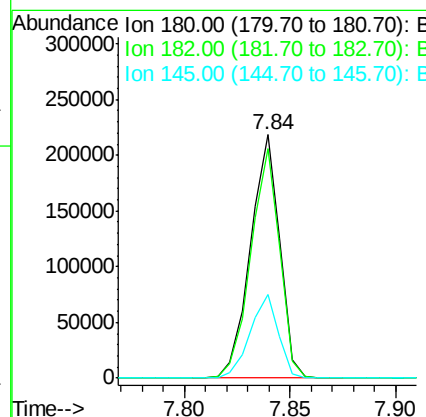
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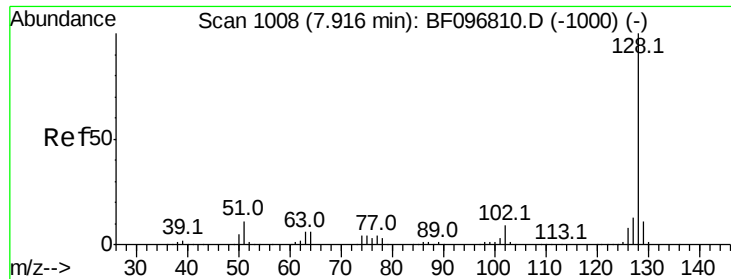
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.378 ng
 RT: 7.84 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	75.8	113.6
145	34.3	25.3	37.9





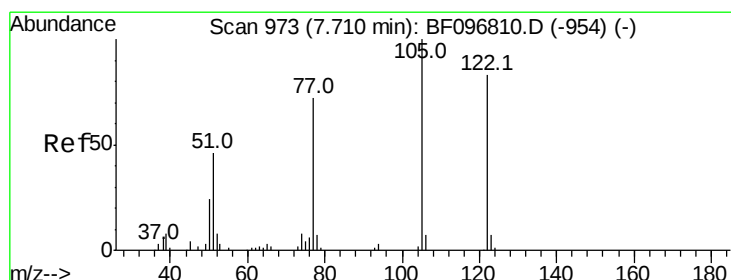
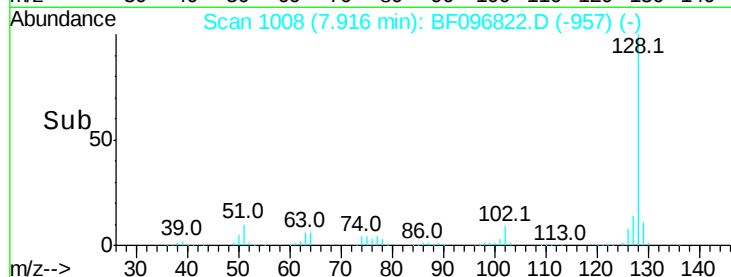
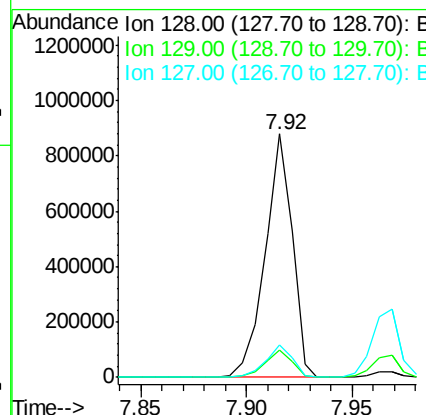
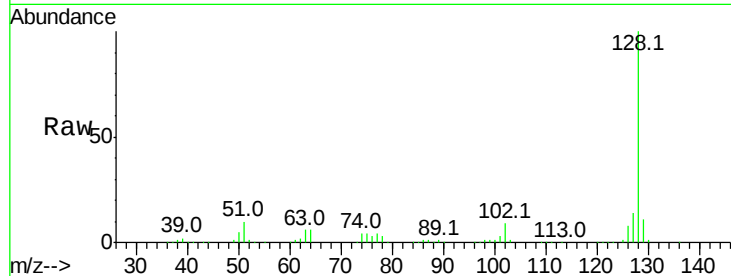
#31
Naphthalene
Concen: 31.764 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.6	10.8	16.2

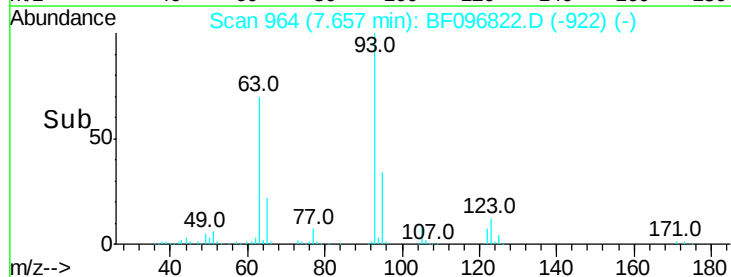
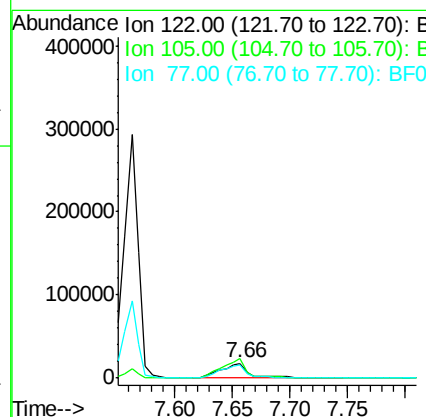
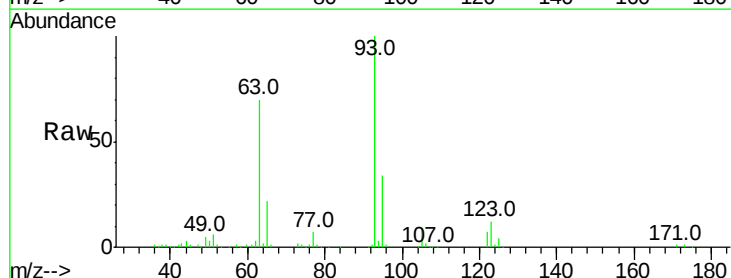
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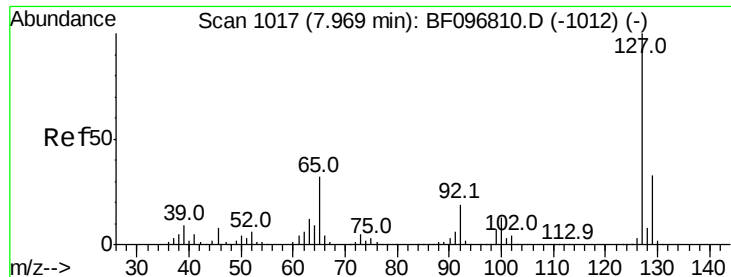
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#32
Benzoic acid
Concen: 5.653 ng
RT: 7.66 min Scan# 964
Delta R.T. -0.05 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	130.4	103.3	143.3
77	91.7	73.7	113.7





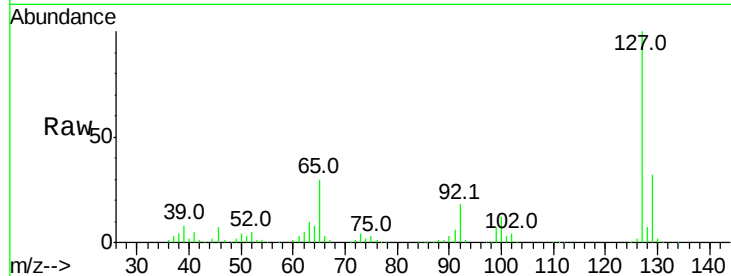
#33
4-Chloroaniline
Concen: 23.574 ng
RT: 7.97 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

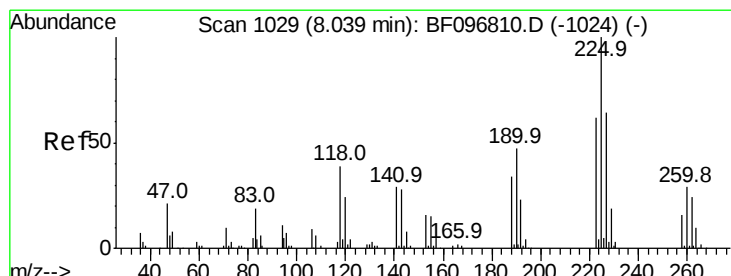
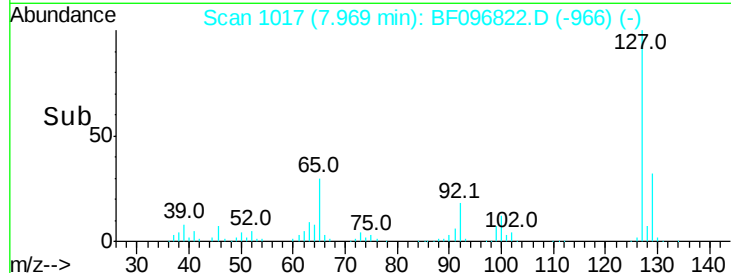
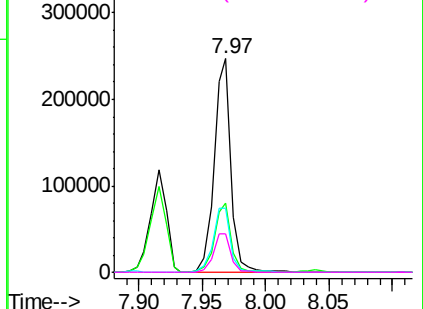
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		231387		
129	32.3	26.2	39.2		
65	29.9	27.8	41.8		
92	17.9	16.8	25.2		

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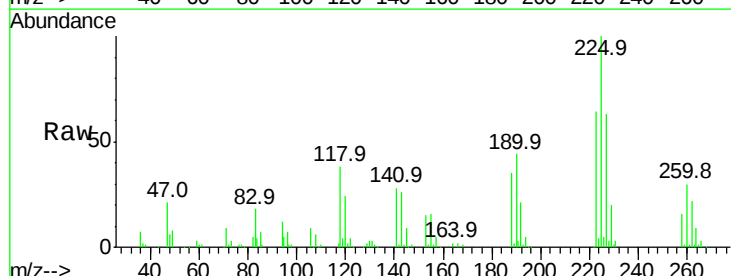


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

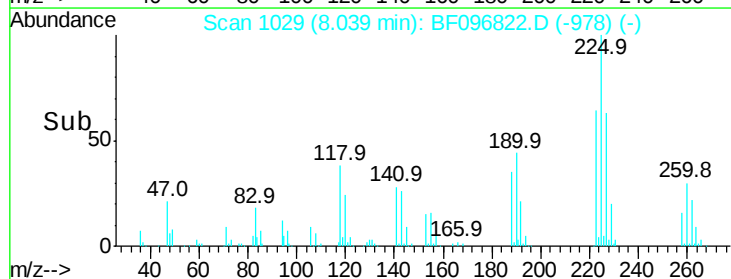
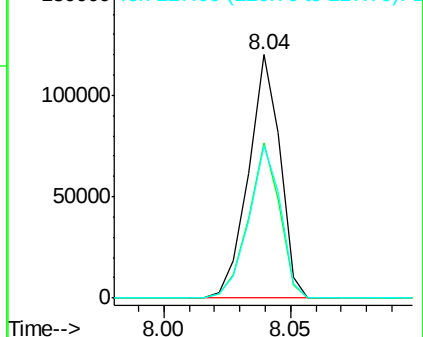


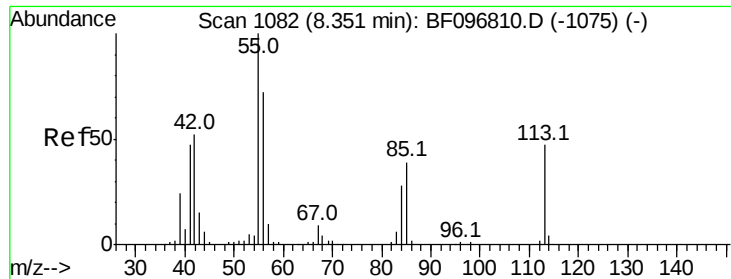
#34
Hexachlorobutadiene
Concen: 28.433 ng
RT: 8.04 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		104344		
223	63.8	48.8	73.2		
227	62.6	51.1	76.7		



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





#35

Caprolactam

Concen: 32.220 ng/mL

RT: 8.33 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

ClientSampleID :

FK-PS-01-012MS

Tot Ion:113 Resp: 74644

Ion Ratio Lower Upper

113 100

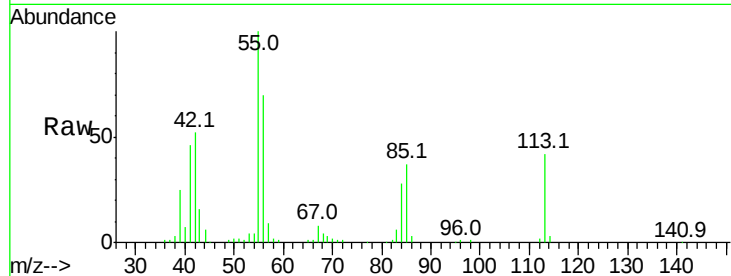
55 235.3 150.2 190.2#

56 164.8 107.8 147.8#

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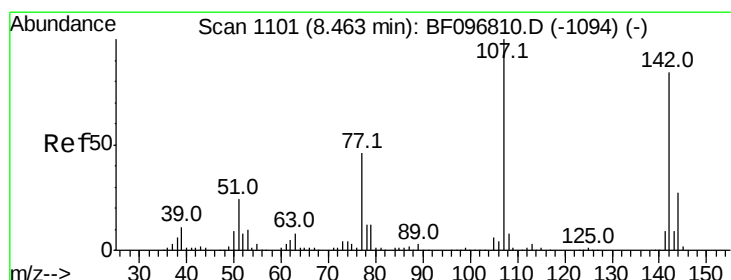
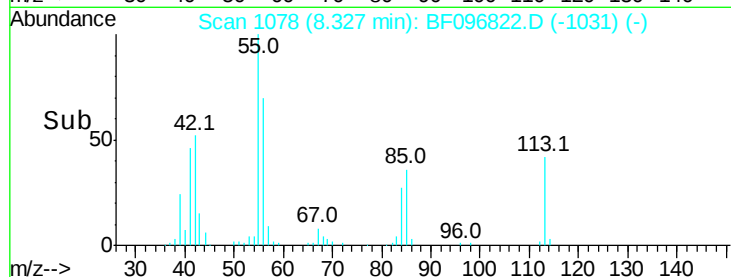
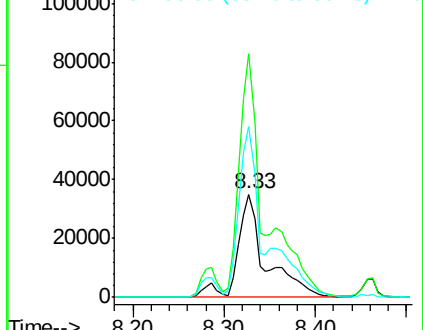
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 30.489 ng/mL

RT: 8.46 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

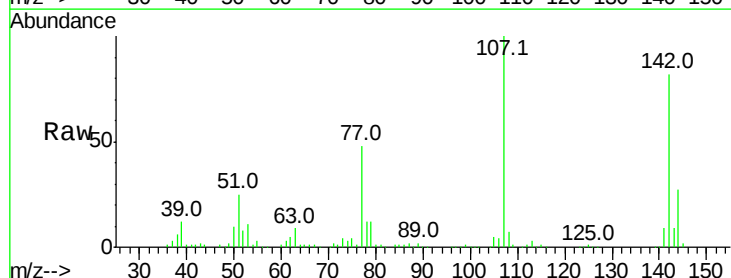
Tgt Ion:107 Resp: 237029

Ion Ratio Lower Upper

107 100

144 27.2 24.2 36.4

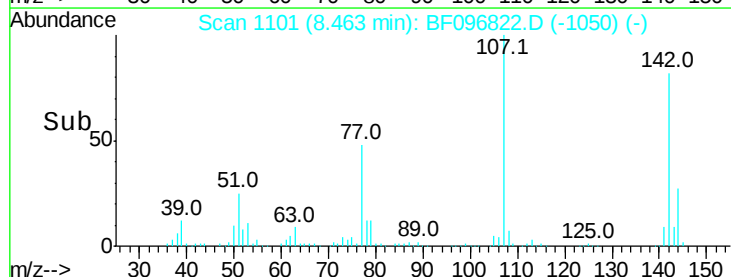
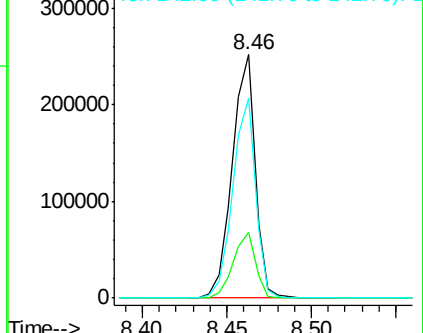
142 82.1 73.4 110.0

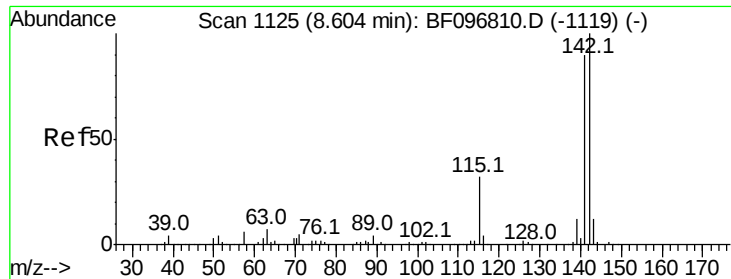


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





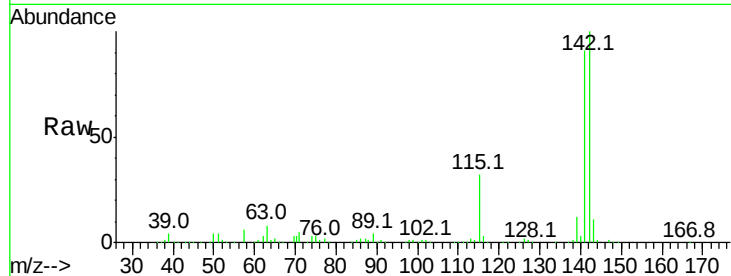
#37
2-Methylnaphthalene
Concen: 34.499 ng
RT: 8.60 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

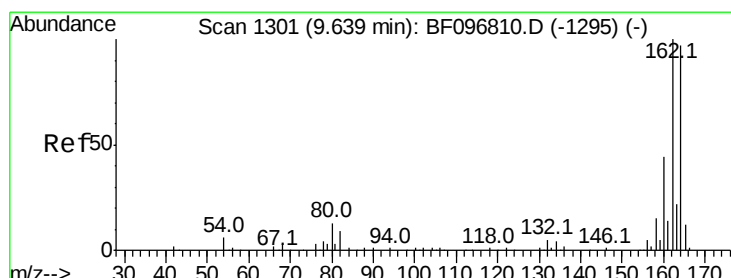
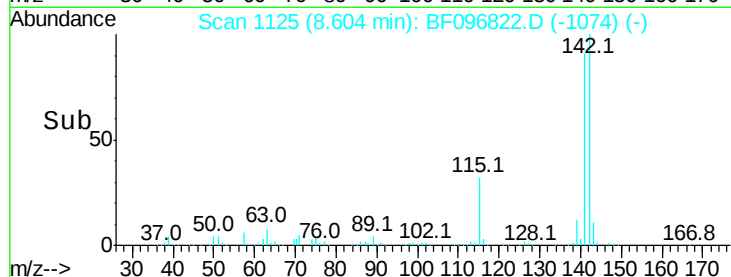
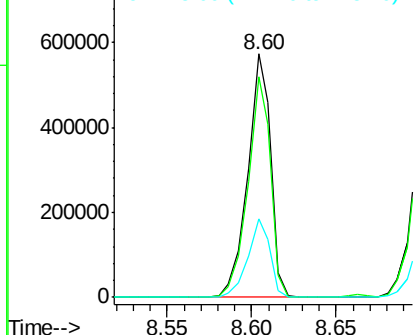
Tot Ion	Ratio	Resp	Lower	Upper
142	100	544881		
141	90.6	71.3	106.9	
115	32.4	27.1	40.7	

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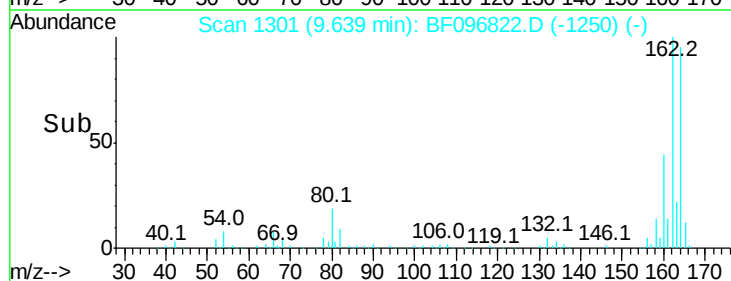
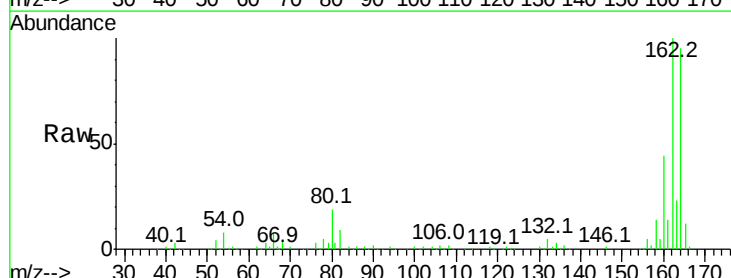
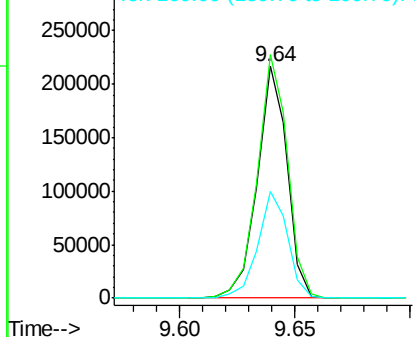
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

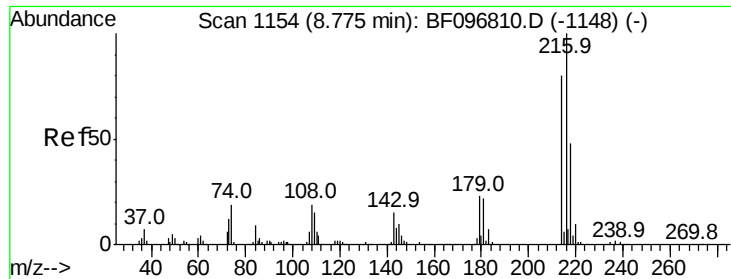


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	194998		
162	105.2	82.6	123.8	
160	46.0	36.2	54.2	

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





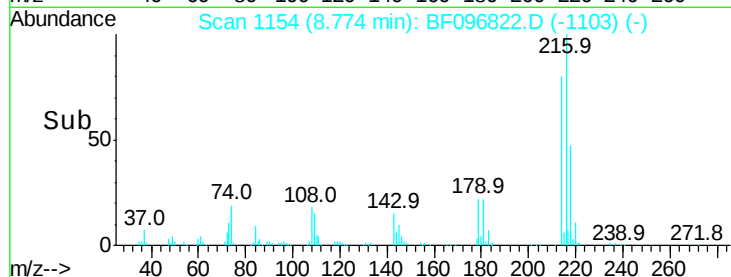
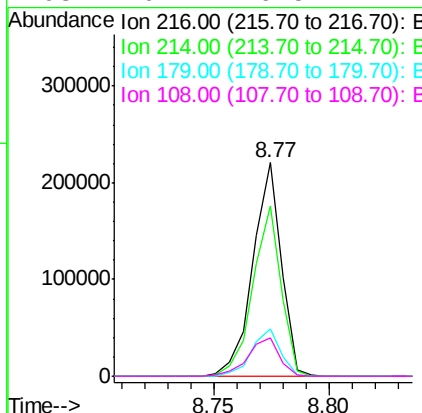
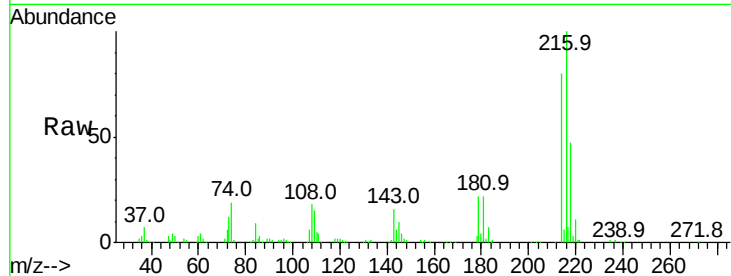
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.159 ng
 RT: 8.77 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	190603		
214	79.0	63.4	95.2	
179	22.4	17.9	26.9	
108	20.2	16.5	24.7	

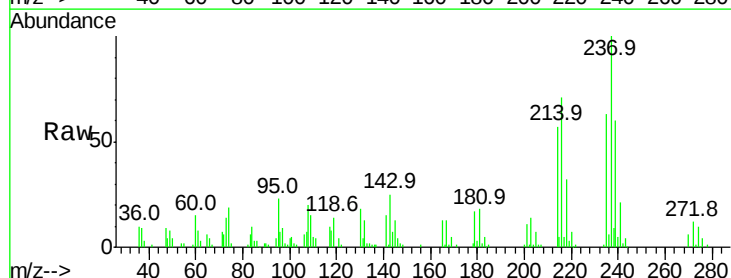
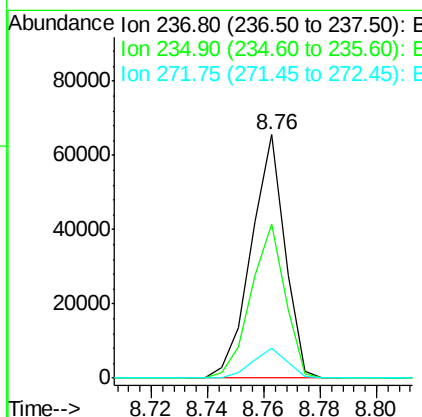
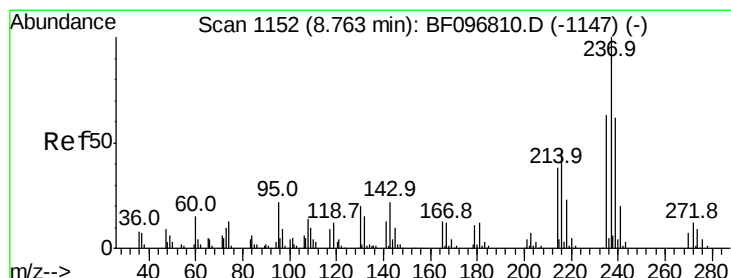
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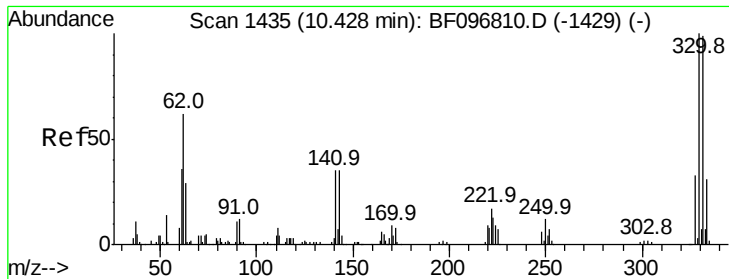
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#40
 Hexachlorocyclopentadiene
 Concen: 30.650 ng
 RT: 8.76 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	54265		
235	63.0	42.6	82.6	
272	12.4	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 89.128 ng

RT: 10.43 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

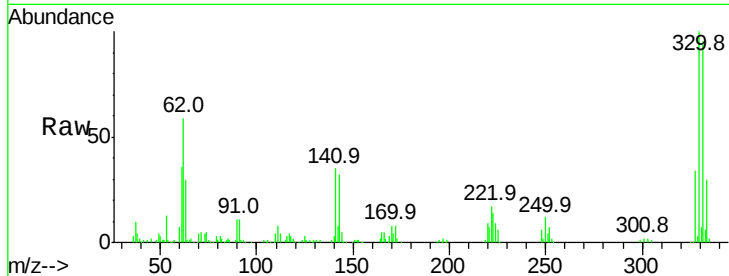
ClientSampleId :

FK-PS-01-012MS

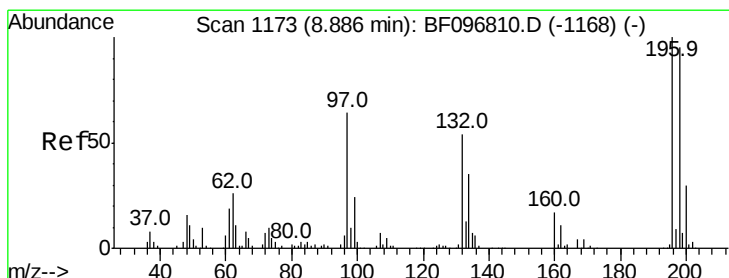
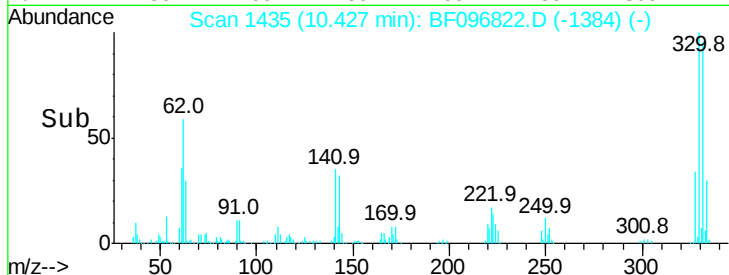
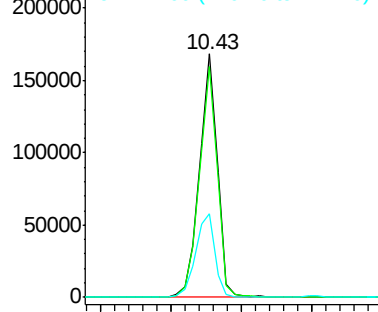
Tot Ion:	330	Resp:	148352
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.6	115.0
141	37.1	31.4	47.2

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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: 33.614 ng

RT: 8.89 min Scan# 1173

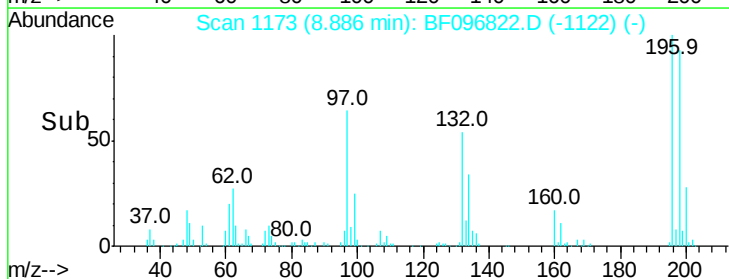
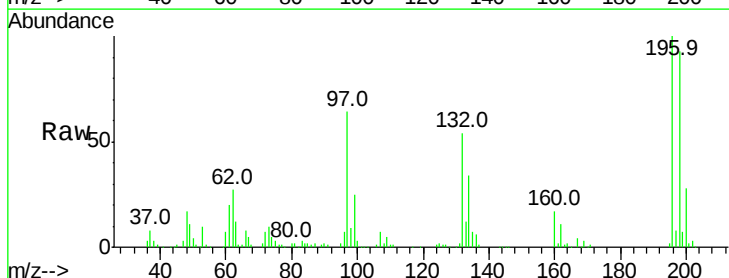
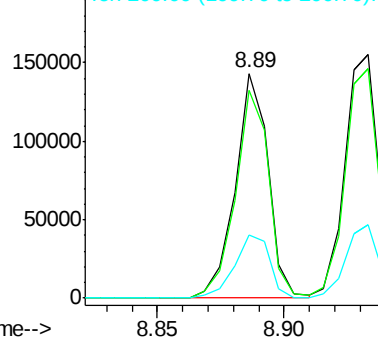
Delta R.T. -0.00 min

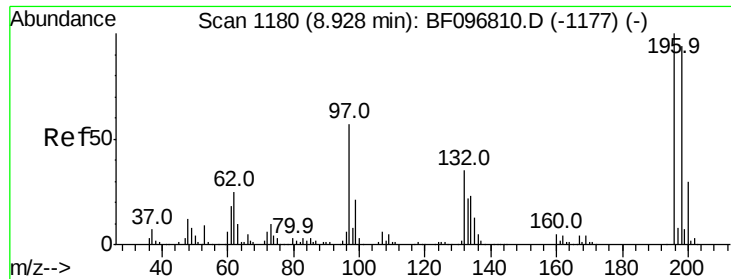
Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	196	Resp:	130698
Ion Ratio	Lower	Upper	
196	100		
198	92.6	74.2	111.4
200	28.2	24.0	36.0

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





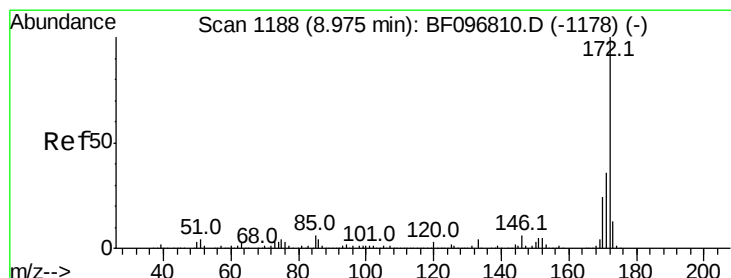
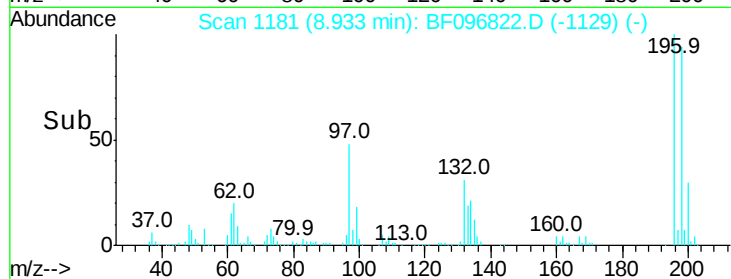
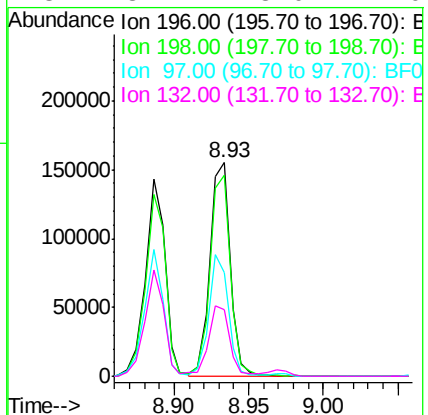
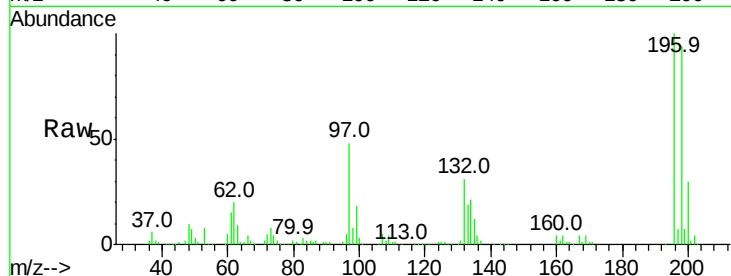
#43
 2,4,5-Trichlorophenol
 Concen: 37.468 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion	196	Resp	146927
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
97	48.5	47.7	71.5
132	31.4	28.0	42.0

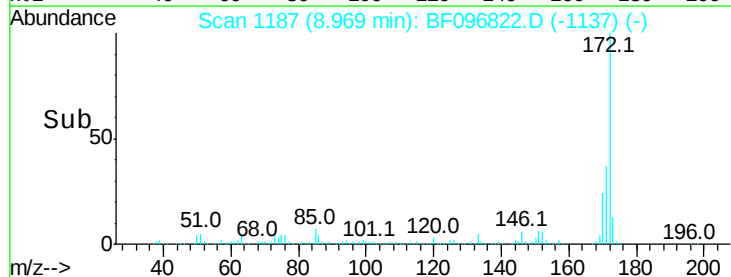
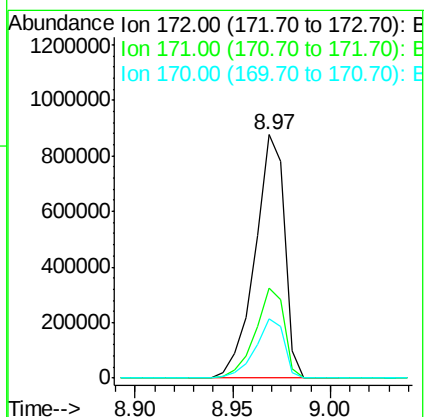
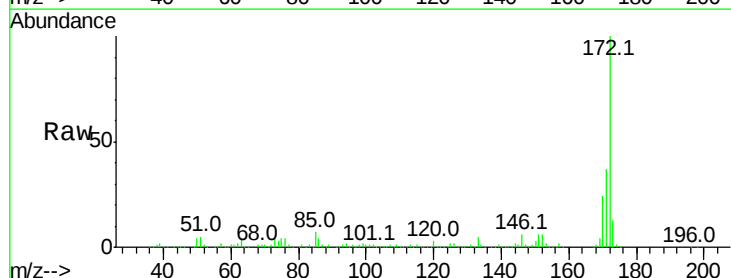
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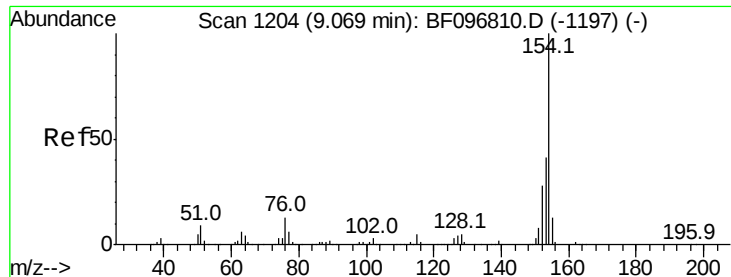
mohammad
 7/20/2017 8:38:19 AM



#44
 2-Fluorobiphenyl
 Concen: 74.336 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	172	Resp	917475
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 35.096 ng

RT: 9.07 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

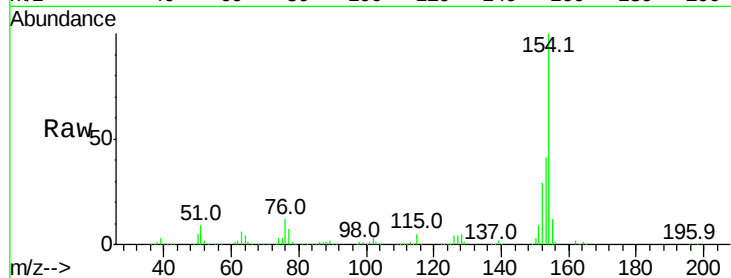
ClientSampleId :

FK-PS-01-012MS

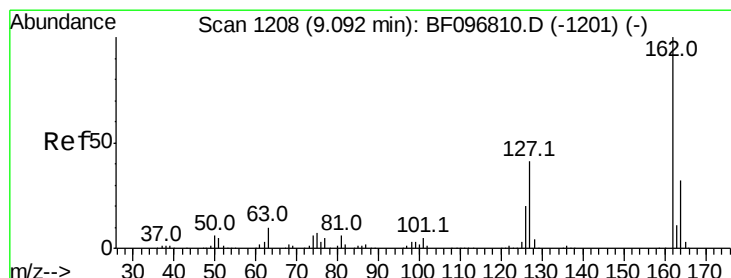
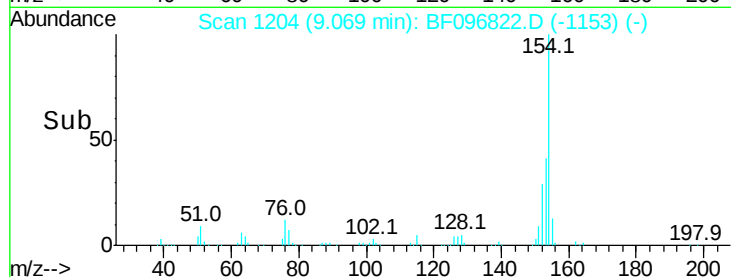
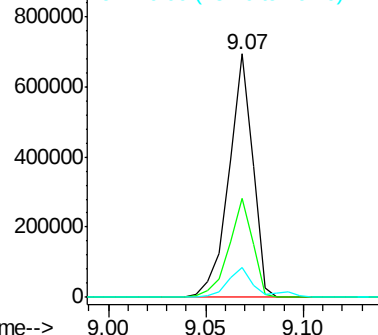
Tot Ion:	154	Resp:	586942
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	12.3	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 37.121 ng

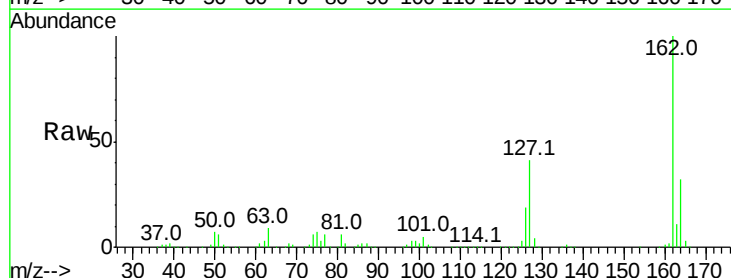
RT: 9.09 min Scan# 1208

Delta R.T. -0.00 min

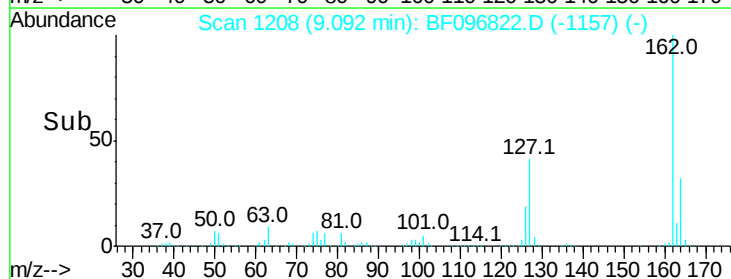
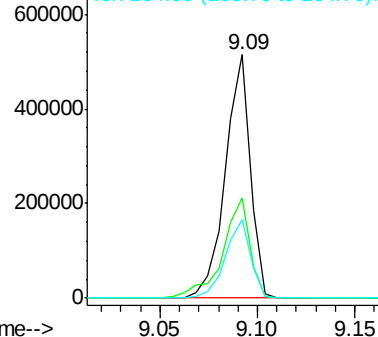
Lab File: BF096822.D

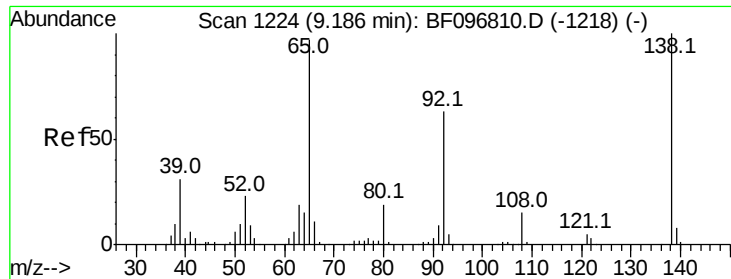
Acq: 17 Jul 2017 16:31

Tgt Ion:	162	Resp:	457136
Ion Ratio	Lower	Upper	
162	100		
127	41.2	28.3	42.5
164	32.3	27.0	40.4



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





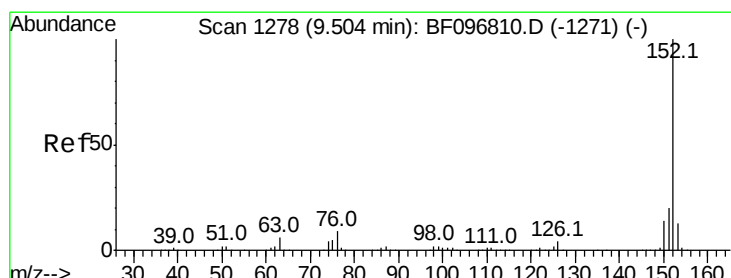
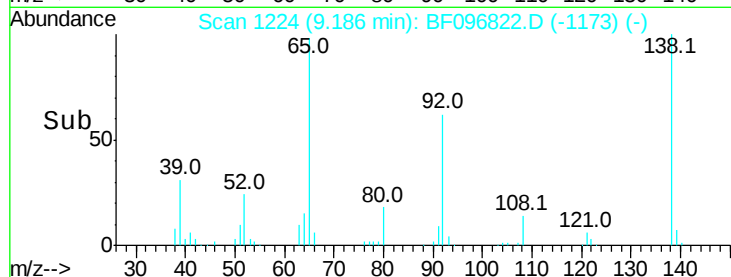
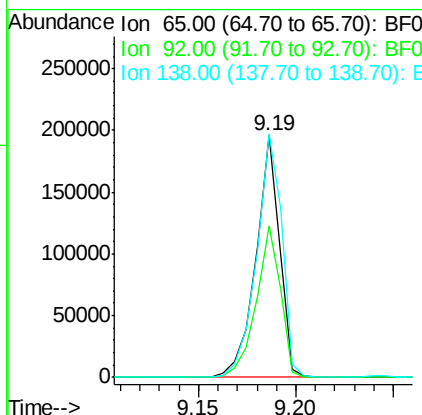
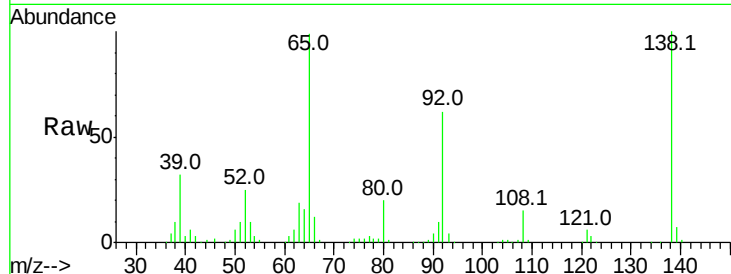
#47
 2-Nitroaniline
 Concen: 38.732 ng
 RT: 9.19 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion:	65	Resp:	163951
Ion Ratio	Lower	Upper	
65	100		
92	62.5	53.9	80.9
138	100.7	78.8	118.2

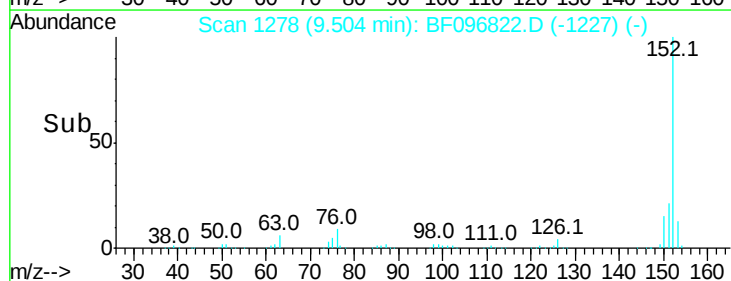
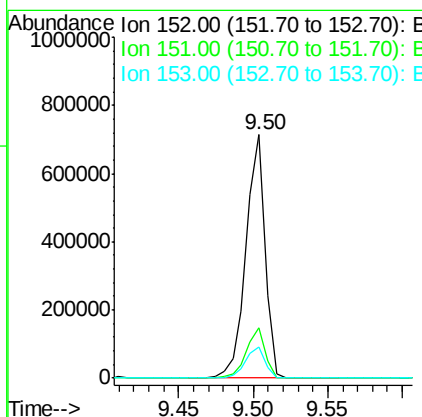
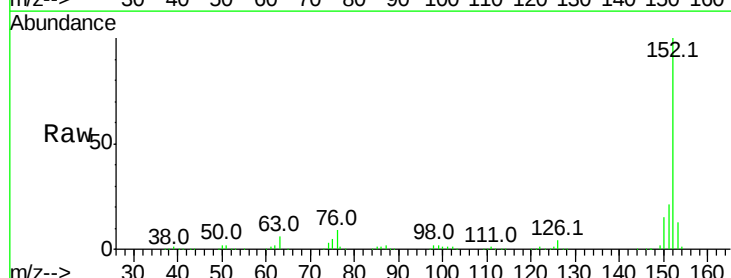
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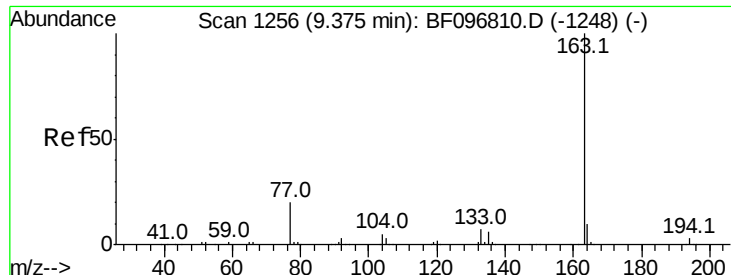
mohammad
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#48
 Acenaphthylene
 Concen: 32.056 ng
 RT: 9.50 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion:	152	Resp:	628976
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.0	10.8	16.2





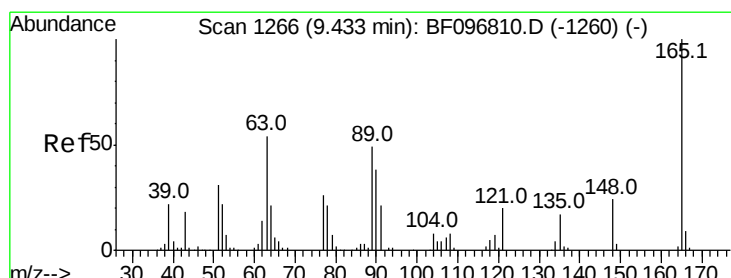
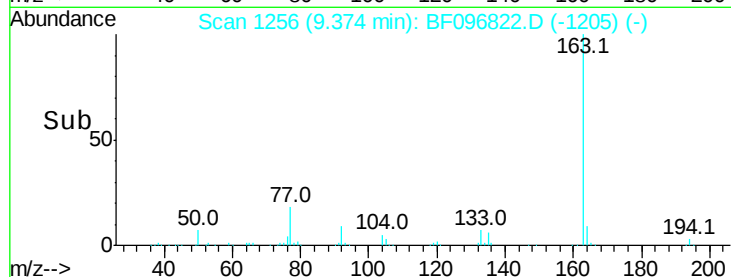
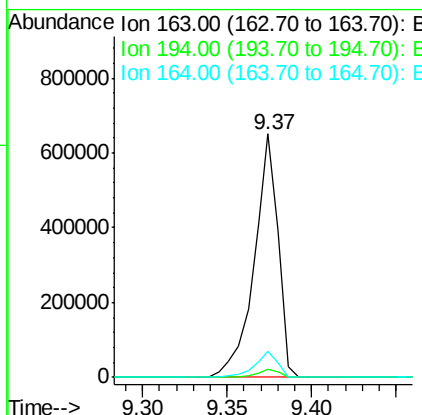
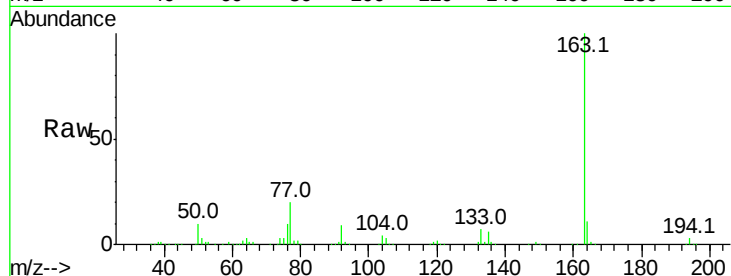
#49
Dimethylphthalate
Concen: 43.617 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	640421		
194	3.3		2.6	4.0
164	10.7		8.4	12.6

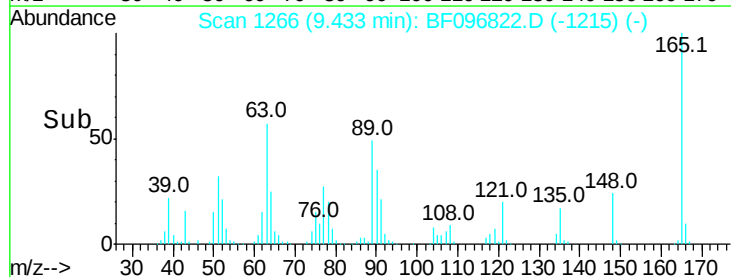
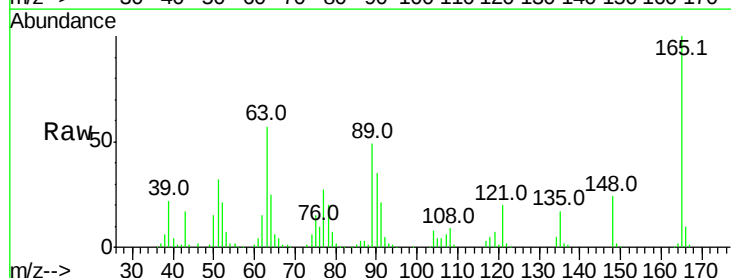
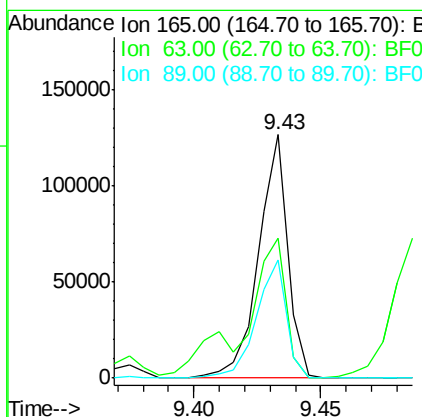
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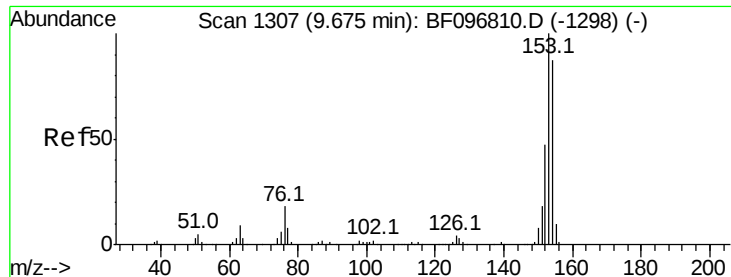
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#50
2,6-Dinitrotoluene
Concen: 31.875 ng
RT: 9.43 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101370		
63	57.4		34.3	51.5#
89	48.7		37.1	55.7





#51

Acenaphthene

Concen: 31.208 ng

RT: 9.67 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

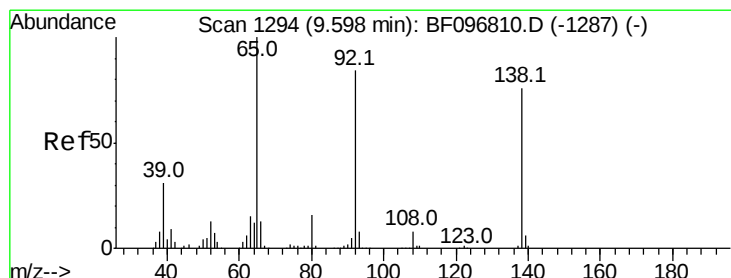
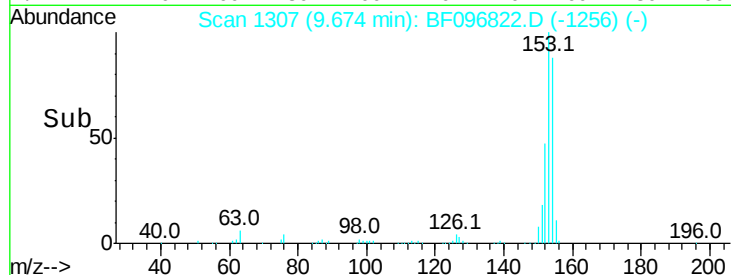
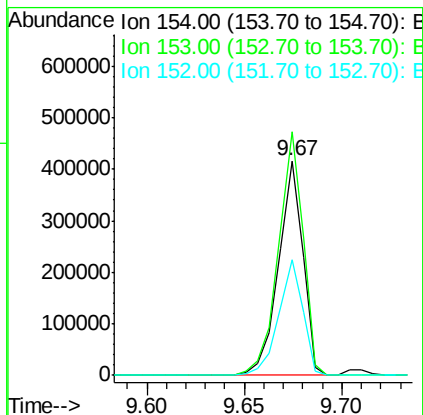
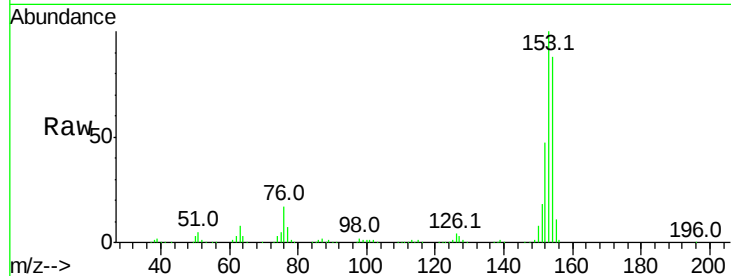
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	154	Resp:	361730
Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.5	135.7
152	53.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 27.608 ng

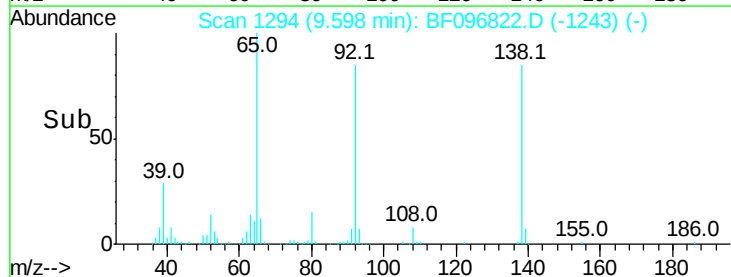
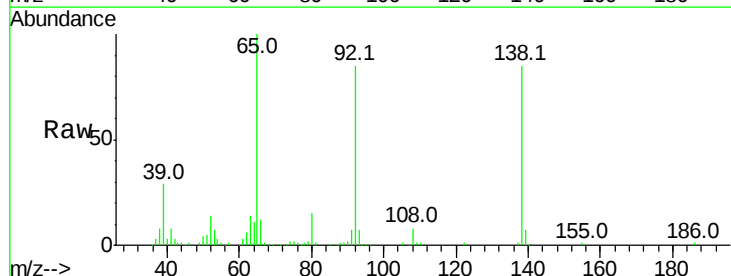
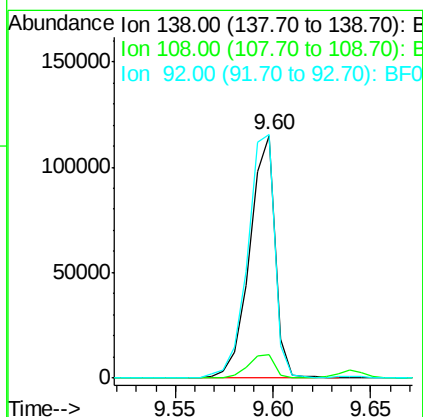
RT: 9.60 min Scan# 1294

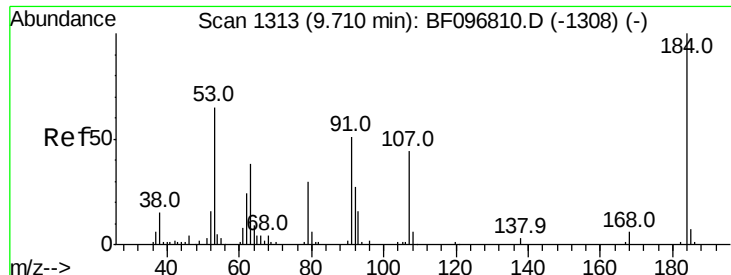
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	138	Resp:	104015
Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.1	13.7
92	100.5	93.8	140.6





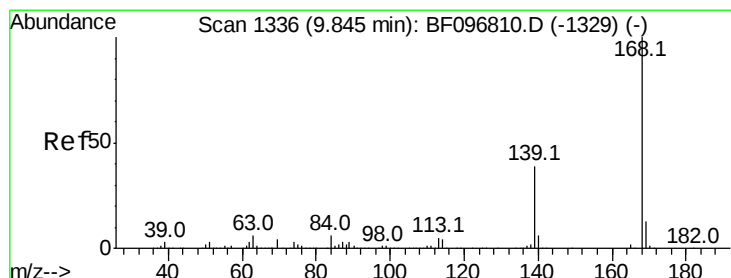
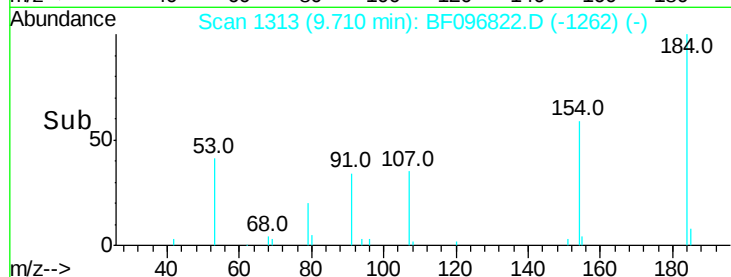
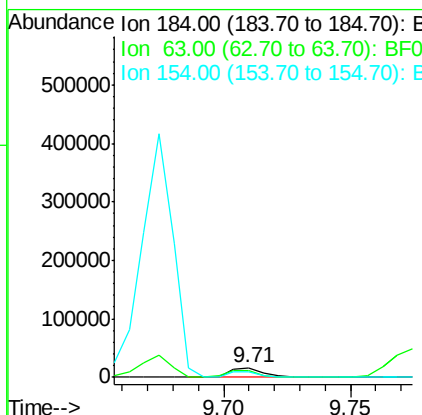
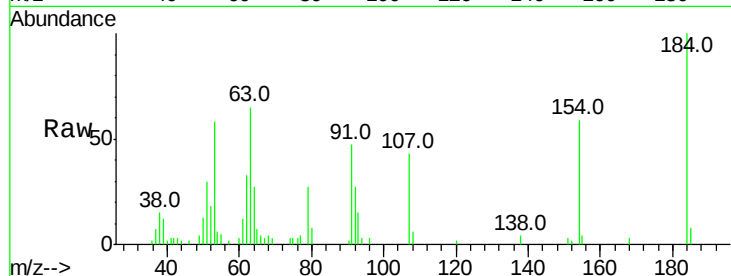
#53
 2,4-Dinitrophenol
 Concen: 16.145 ng
 RT: 9.71 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion:184 Resp: 16172
 Ion Ratio Lower Upper
 184 100
 63 64.8 62.7 94.1
 154 59.0 81.1 121.7#

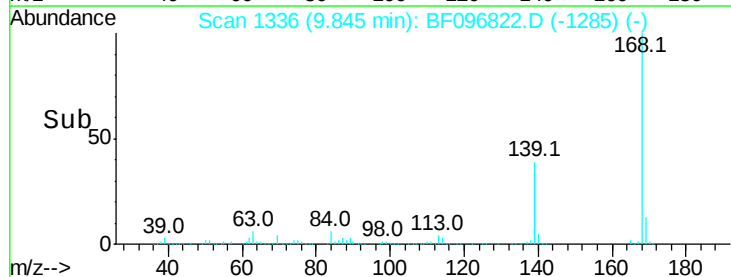
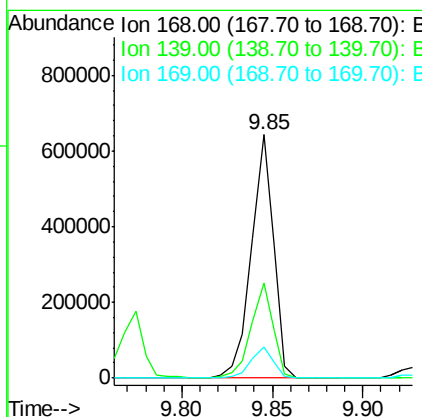
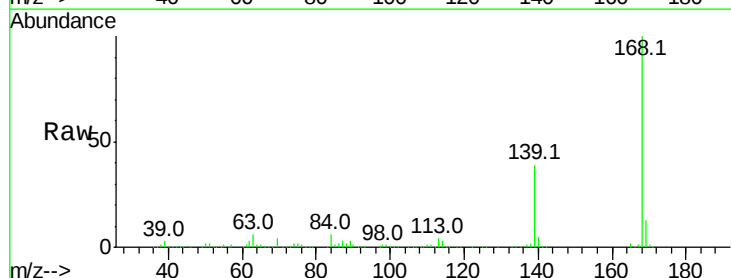
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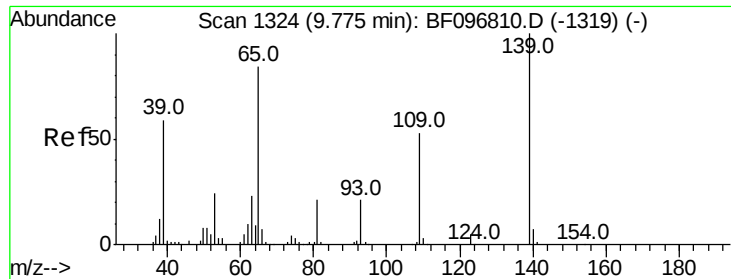
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#54
 Dibenzofuran
 Concen: 33.747 ng
 RT: 9.85 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion:168 Resp: 548147
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 12.9 10.8 16.2





#55

4-Nitrophenol

Concen: 56.120 ng

RT: 9.77 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012MS

Tot Ion:139 Resp: 154468

Ion Ratio Lower Upper

139 100

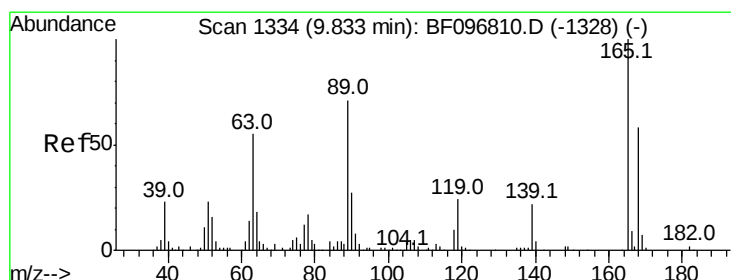
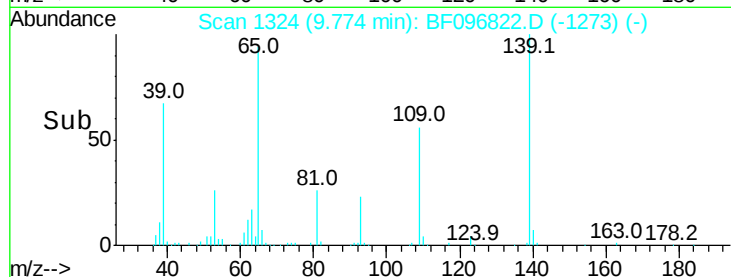
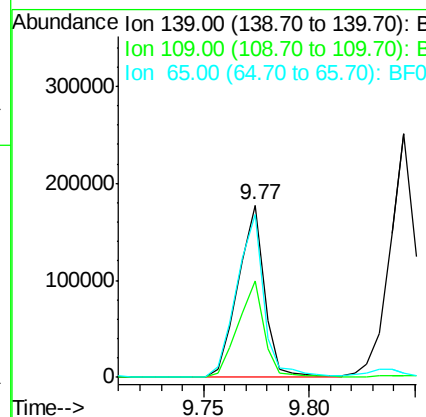
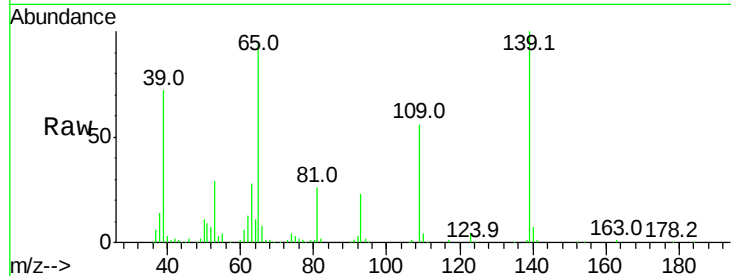
109 55.7 34.1 74.1

65 94.4 31.4 71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 30.640 ng

RT: 9.83 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:165 Resp: 125217

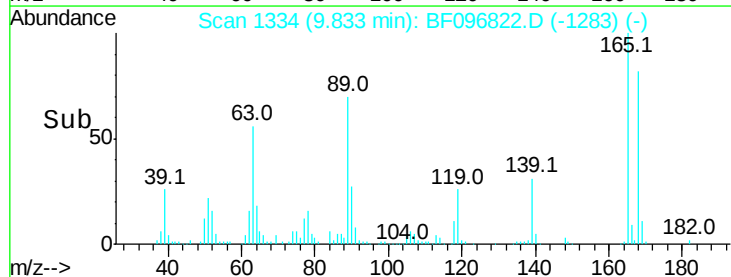
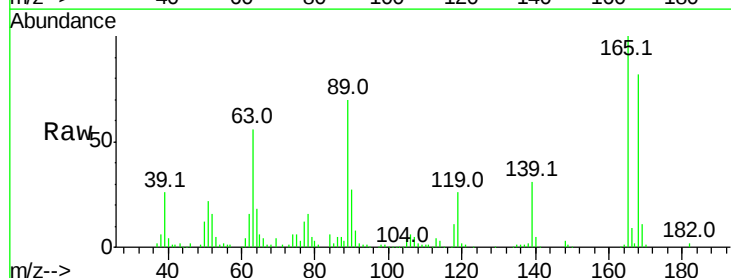
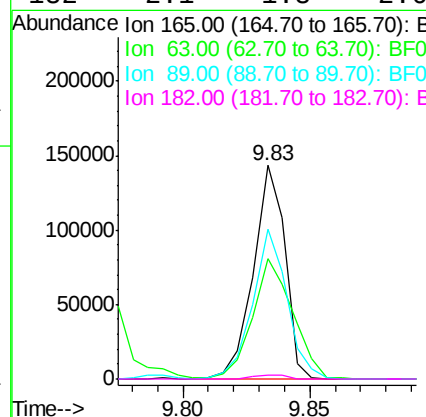
Ion Ratio Lower Upper

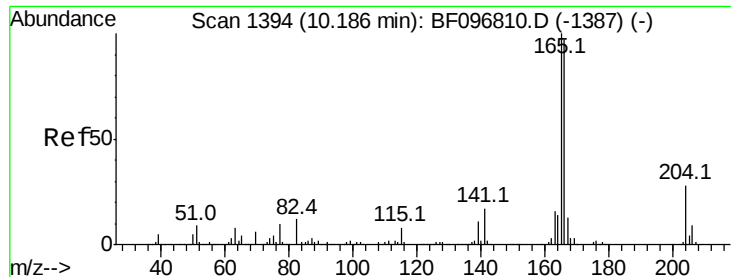
165 100

63 56.1 25.4 38.0#

89 70.2 46.4 69.6#

182 2.1 1.8 2.6





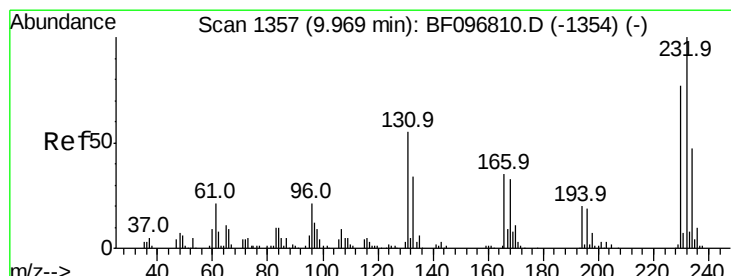
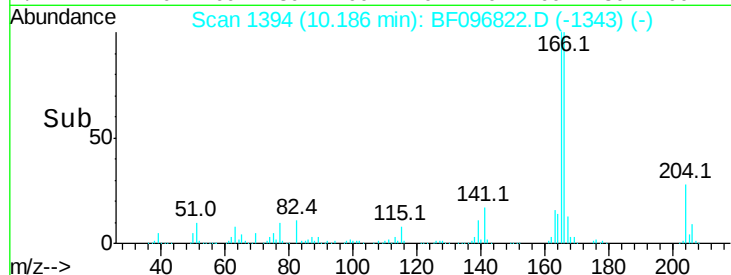
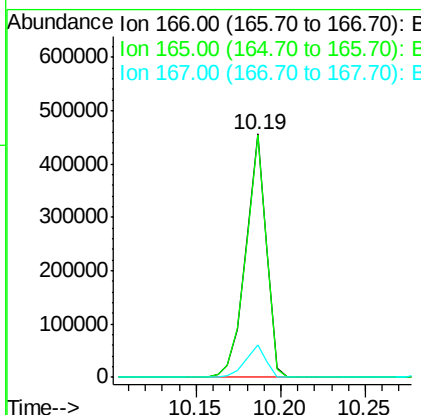
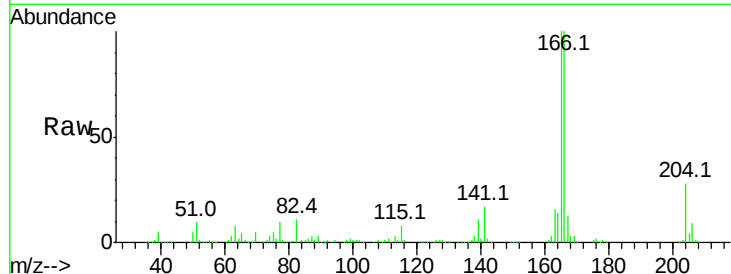
#57
Fluorene
 Concen: 32.532 ng
 RT: 10.19 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	390483		
165	99.5	78.8	118.2	
167	13.3	10.6	16.0	

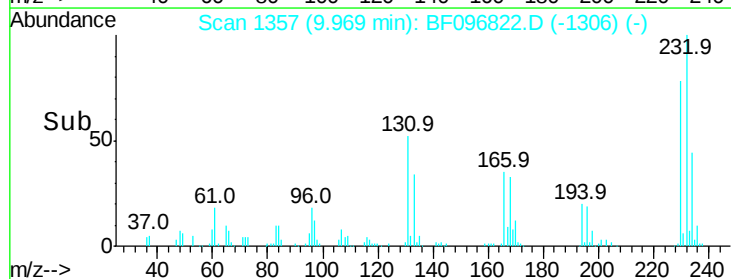
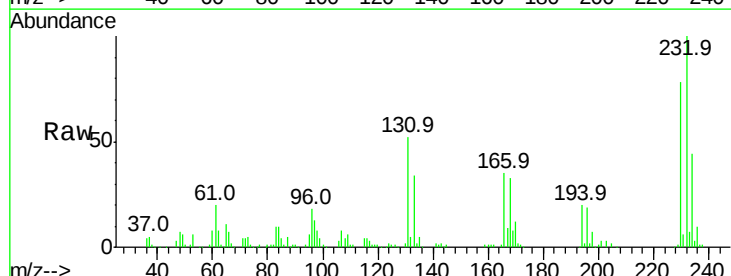
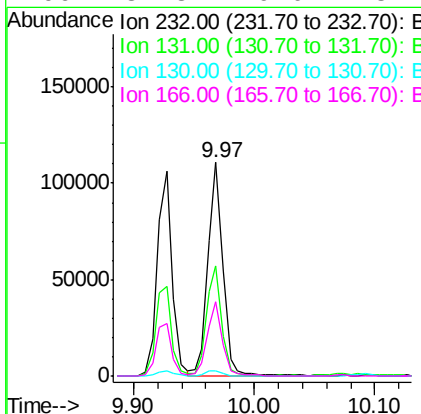
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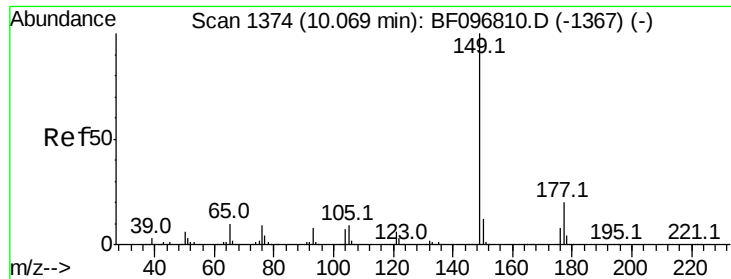
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.413 ng
 RT: 9.97 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	96309		
131	51.4	44.8	67.2	
130	2.5	2.3	3.5	
166	34.3	29.0	43.4	





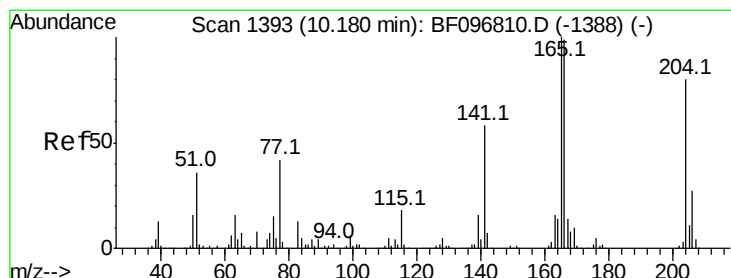
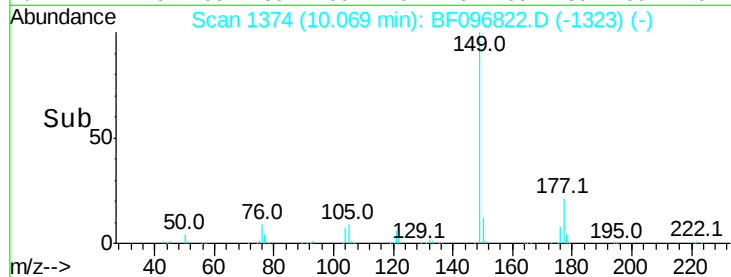
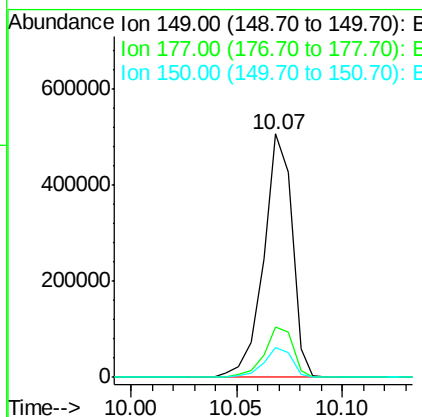
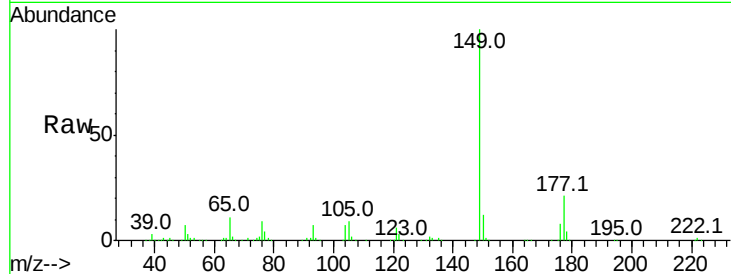
#59
Diethylphthalate
Concen: 33.216 ng
RT: 10.07 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.1	10.2	15.2

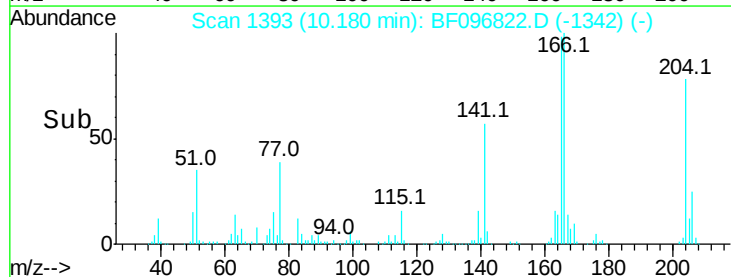
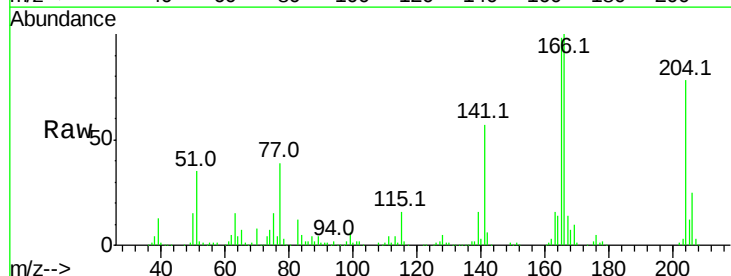
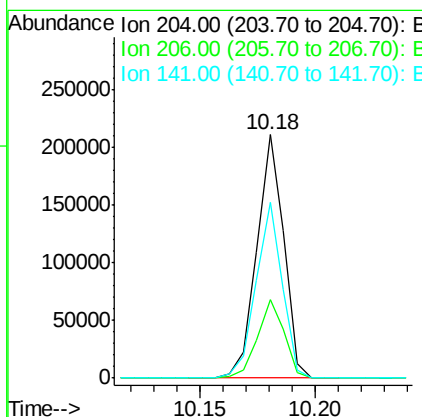
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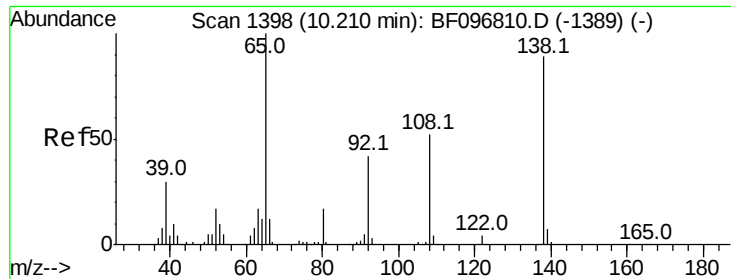
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#60
4-Chlorophenyl-phenylether
Concen: 32.077 ng
RT: 10.18 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	72.2	60.8	91.2





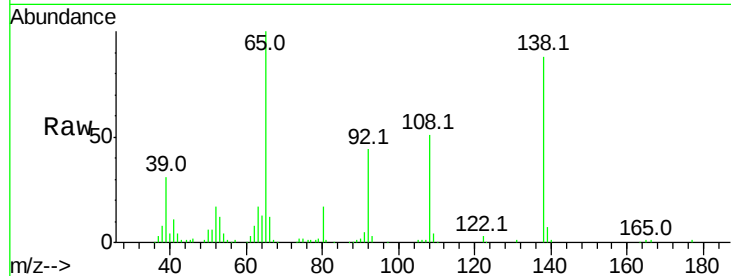
#61
4-Nitroaniline
Concen: 30.638 ng
RT: 10.20 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.7	21.8	61.8	
108	58.0	42.3	82.3	

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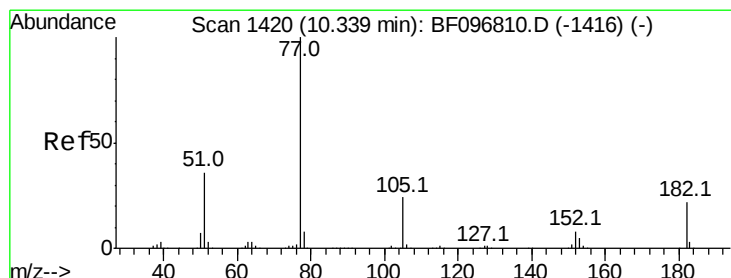
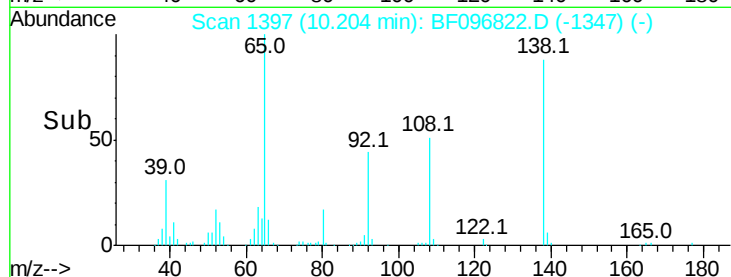
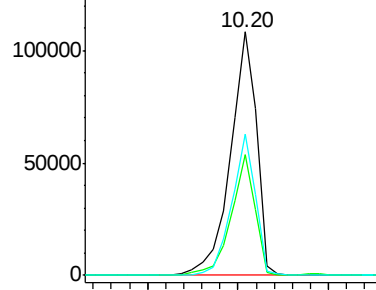


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 33.199 ng
RT: 10.34 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.1	0.1	40.1	
105	24.5	3.6	43.6	
51	37.1	9.4	49.4	

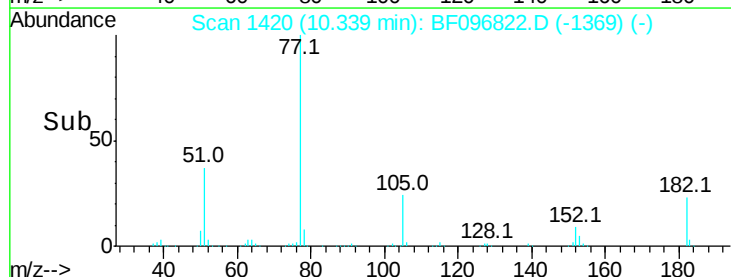
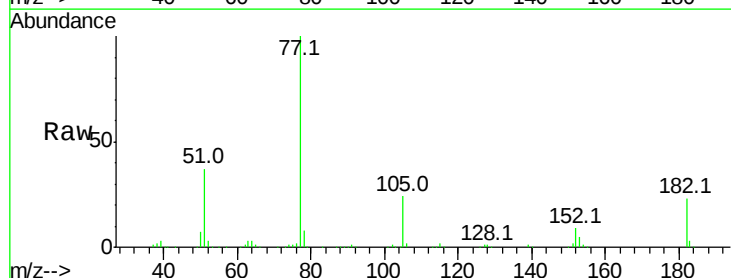
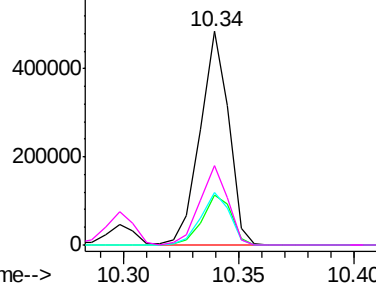
Abundance

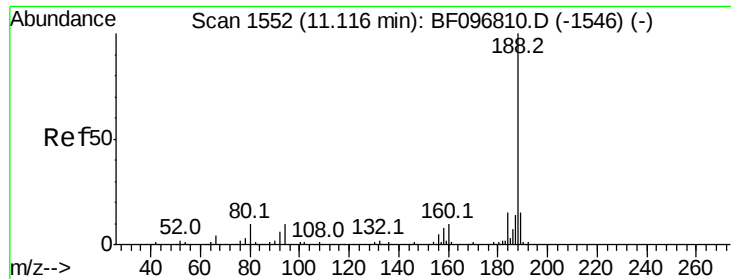
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

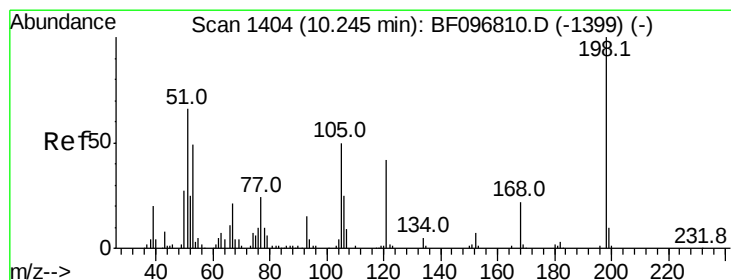
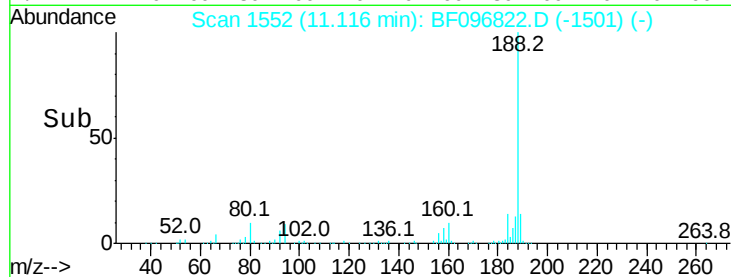
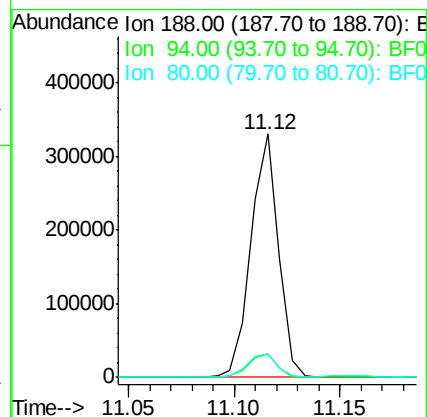
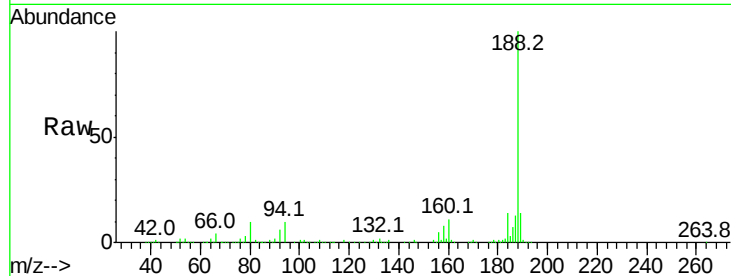
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	188	Resp:	297730
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.4	14.2
80	9.9	10.2	15.2#

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#64

4,6-Dinitro-2-methylphenol

Concen: 11.316 ng

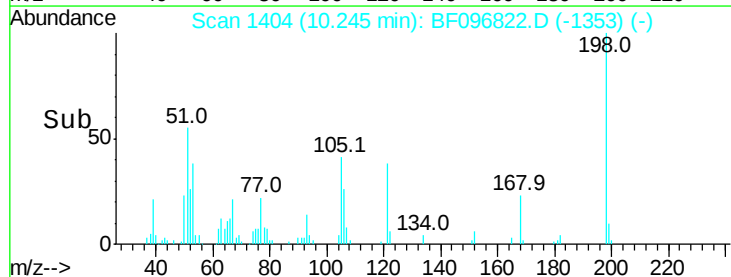
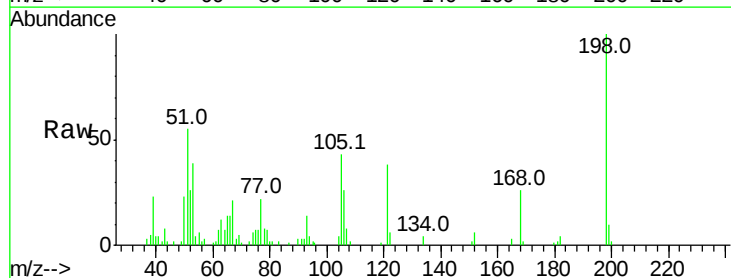
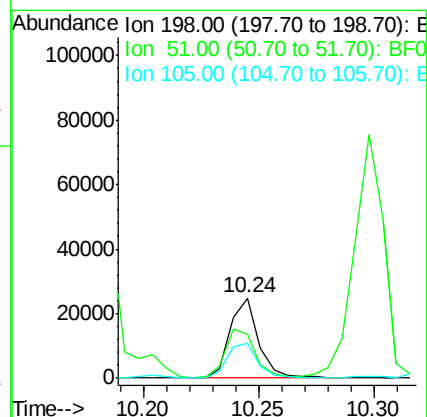
RT: 10.24 min Scan# 1404

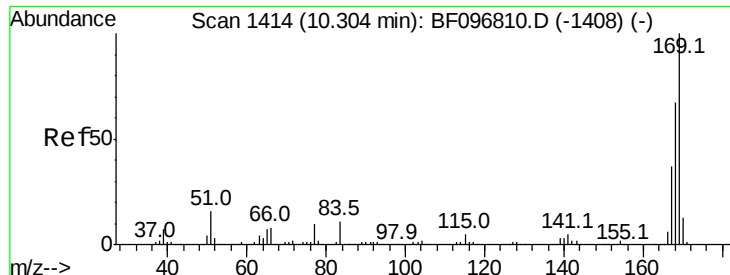
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	198	Resp:	21154
Ion Ratio	Lower	Upper	
198	100		
51	55.1	53.2	93.2
105	43.5	45.8	85.8#





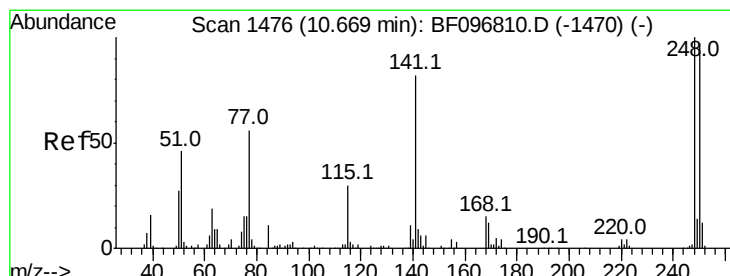
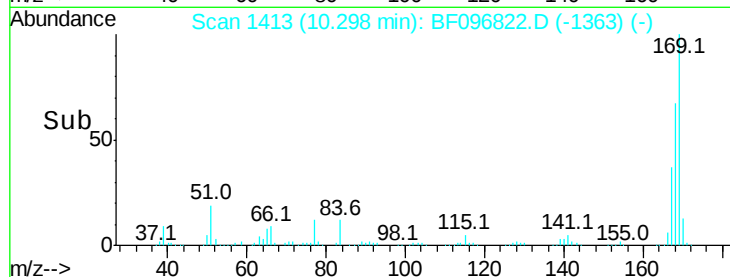
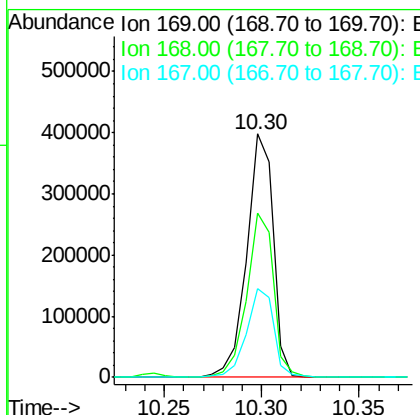
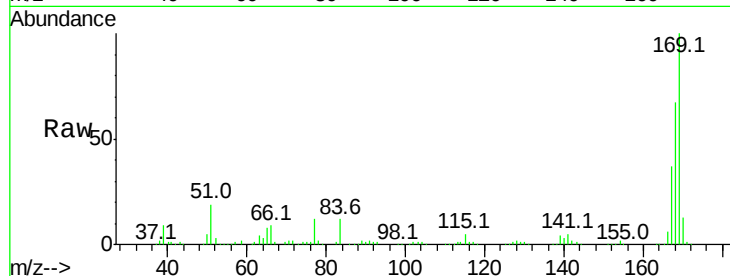
#65
 n-Nitrosodiphenylamine
 Concen: 35.191 ng
 RT: 10.30 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.6	29.5	44.3

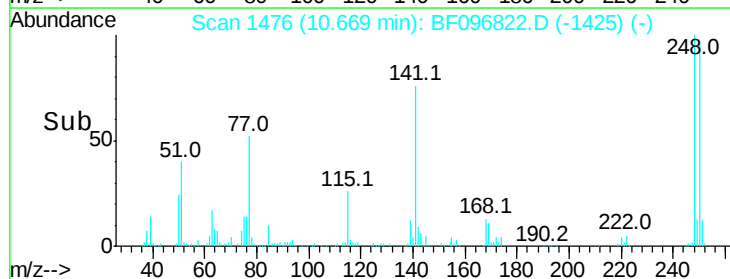
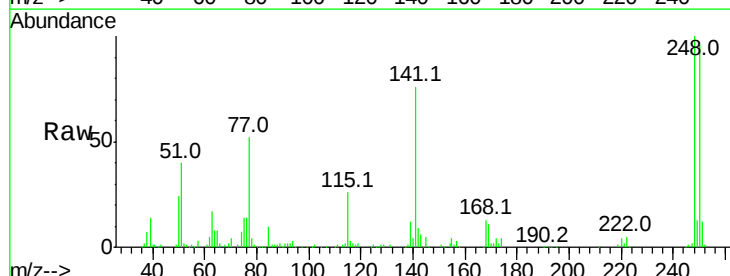
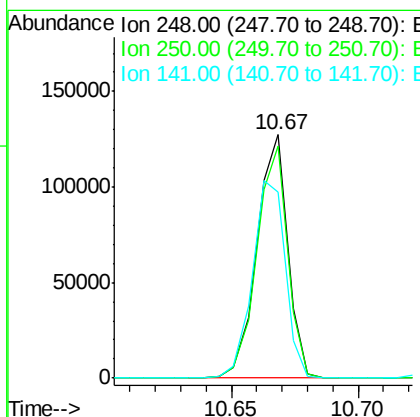
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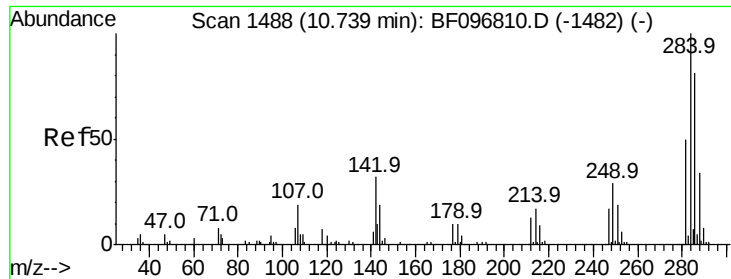
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#66
 4-Bromophenyl-phenylether
 Concen: 35.694 ng
 RT: 10.67 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.8	115.2
141	76.3	68.6	103.0





#67

Hexachlorobenzene

Concen: 31.984 ng

RT: 10.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

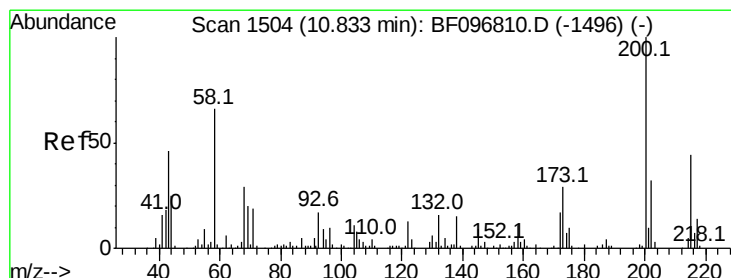
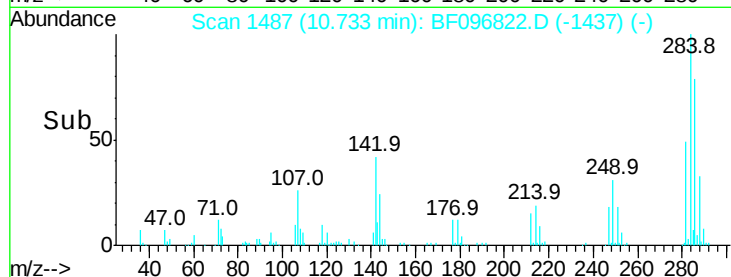
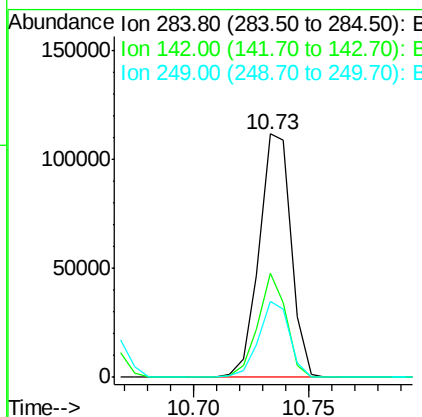
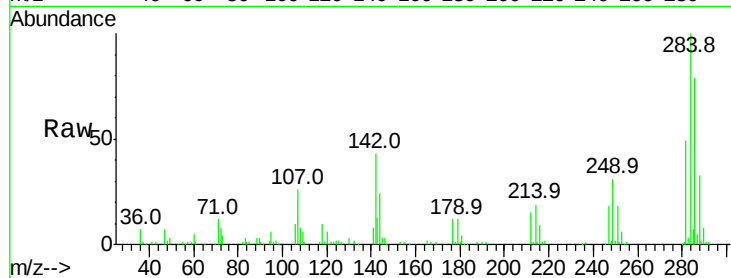
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	284	Resp:	108282
Ion Ratio		Lower	Upper
284	100		
142	42.7	22.8	34.2#
249	31.3	24.0	36.0

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#68

Atrazine

Concen: 35.085 ng

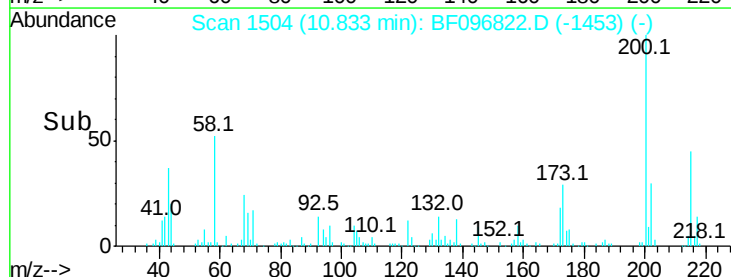
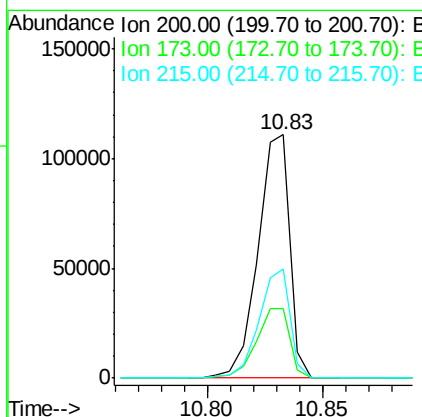
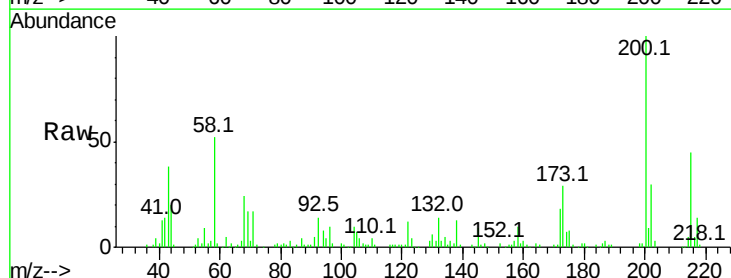
RT: 10.83 min Scan# 1504

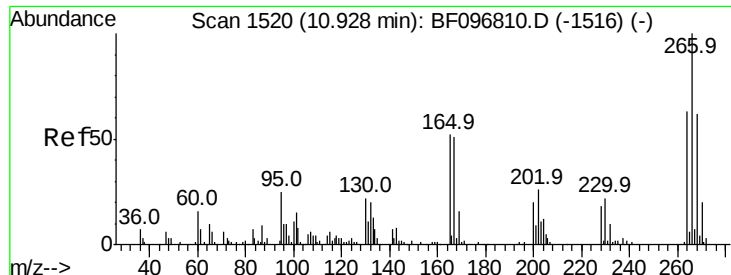
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	200	Resp:	106383
Ion Ratio		Lower	Upper
200	100		
173	28.7	6.3	46.3
215	44.8	27.2	67.2





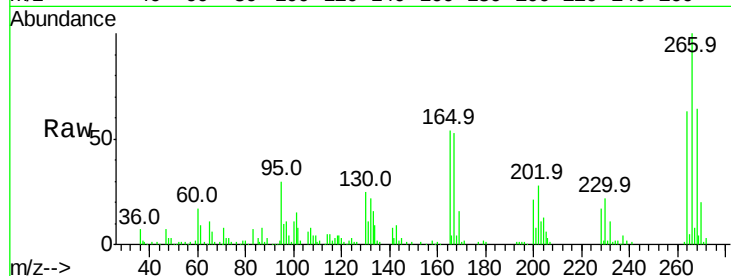
#69
 Pentachlorophenol
 Concen: 52.185 ng
 RT: 10.93 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

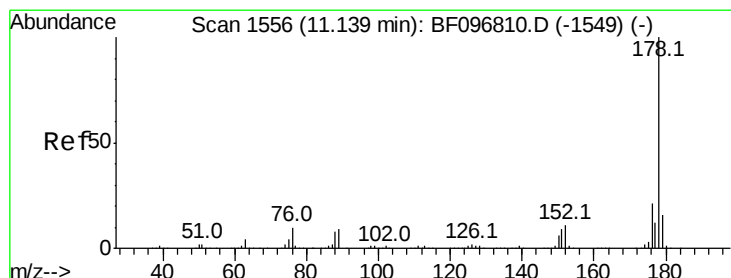
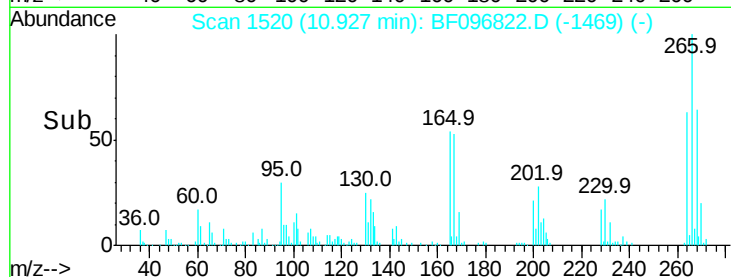
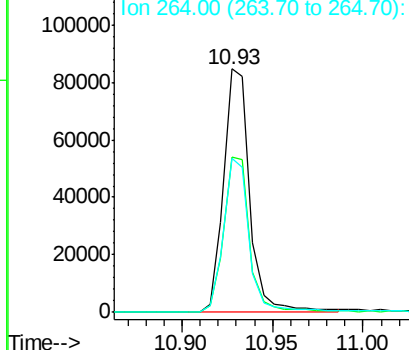
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.4	51.7	77.5

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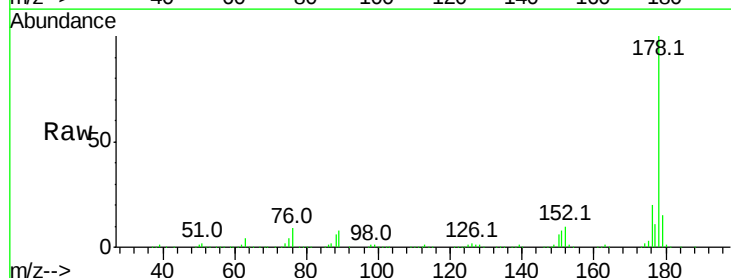


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

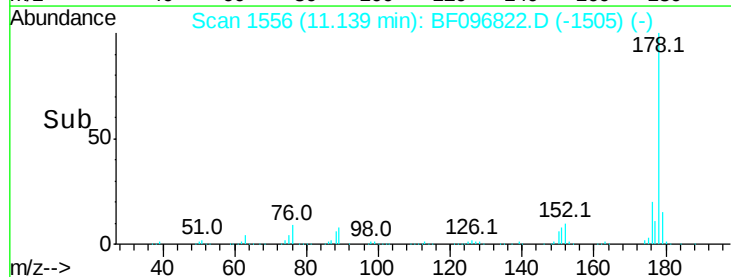
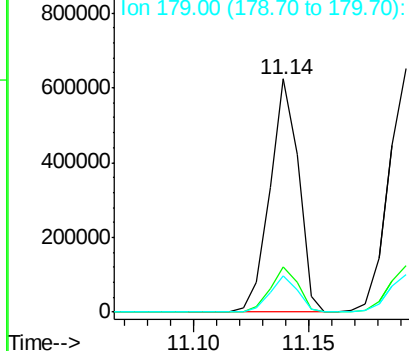


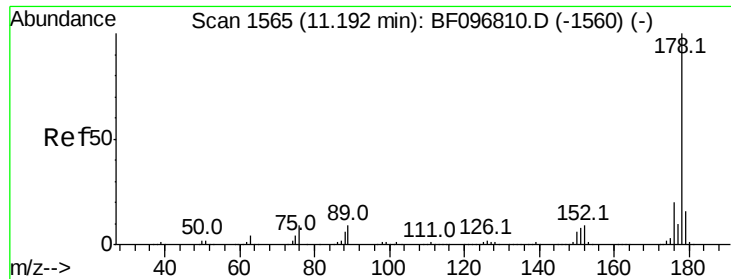
#70
 Phenanthrene
 Concen: 33.116 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0



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





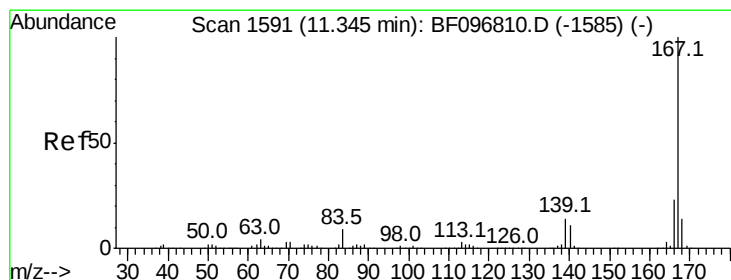
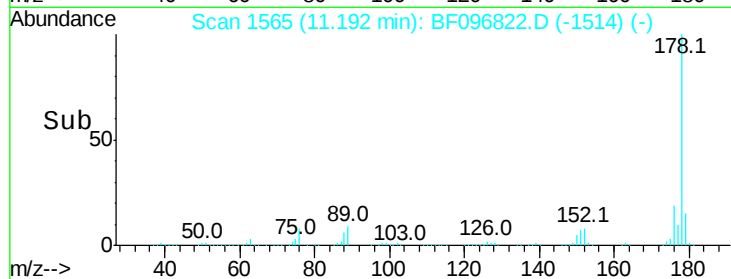
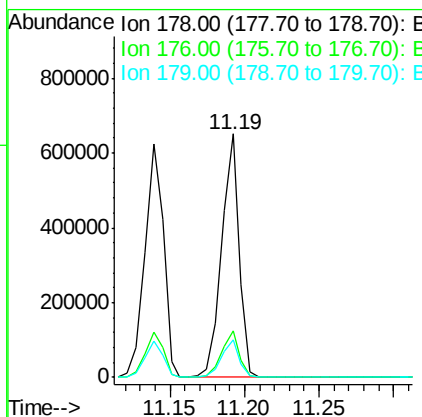
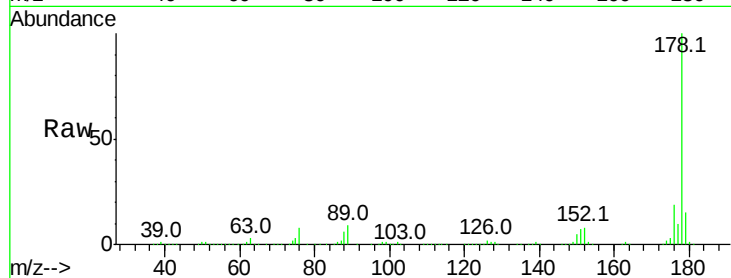
#71
 Anthracene
 Concen: 33.149 ng
 RT: 11.19 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	12.7	19.1

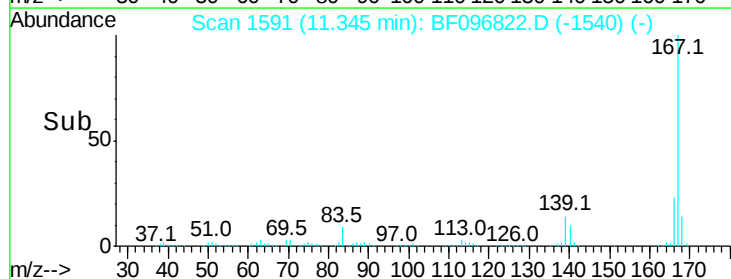
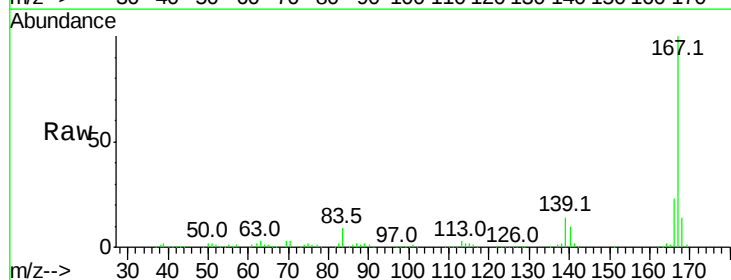
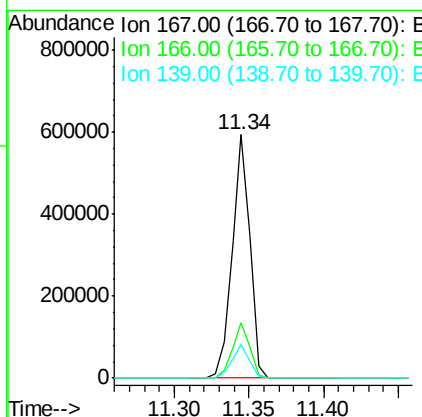
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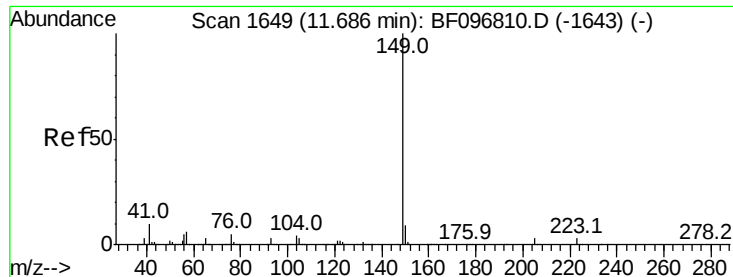
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#72
 Carbazole
 Concen: 31.471 ng
 RT: 11.34 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.7	11.7	17.5





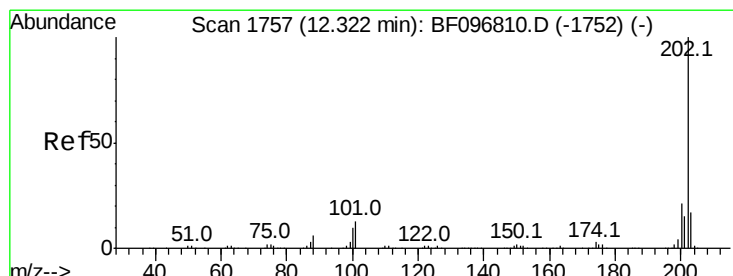
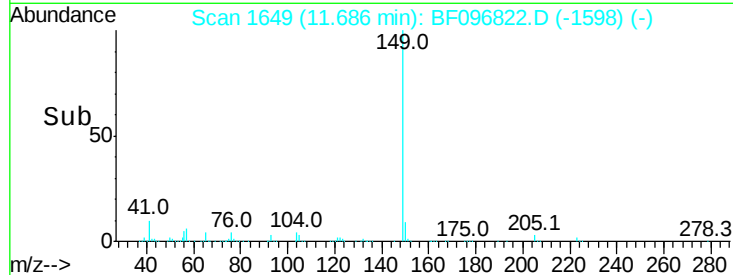
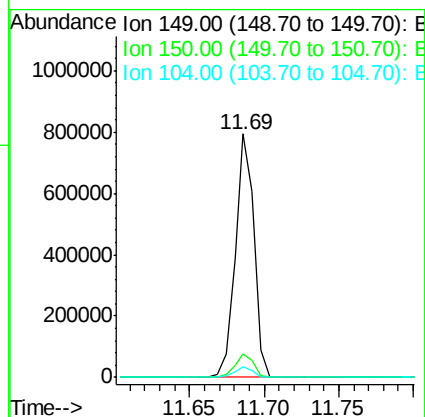
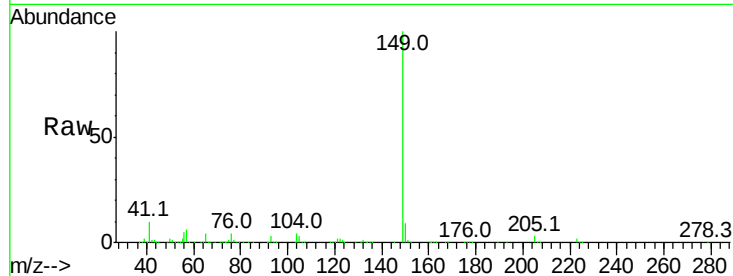
#73
Di-n-butylphthalate
Concen: 35.299 ng
RT: 11.69 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	696811		
150	9.4	7.7	11.5	
104	4.3	4.0	6.0	

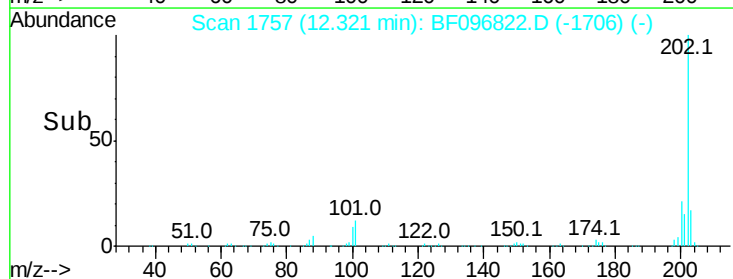
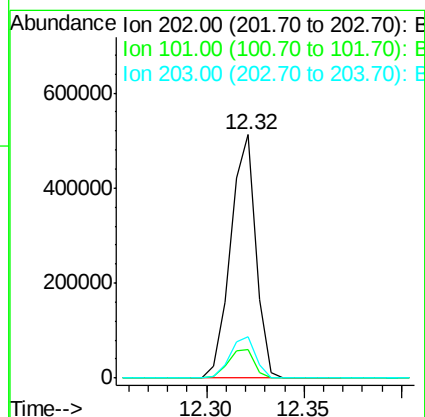
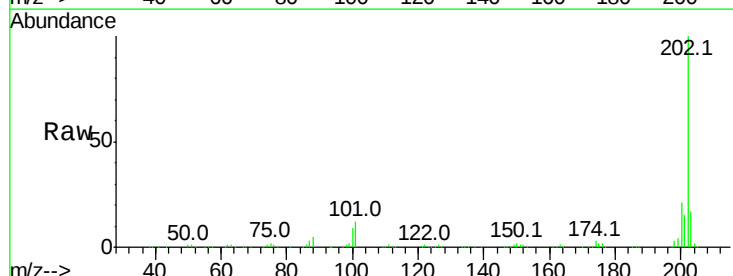
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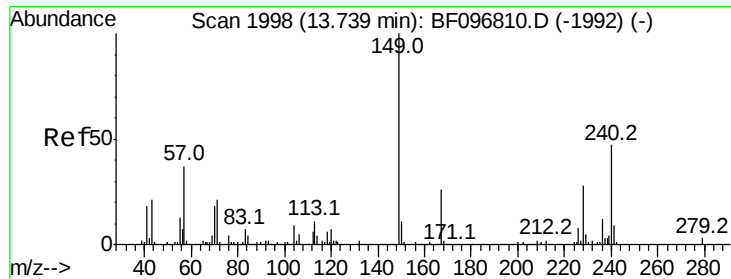
mohammad
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#74
Fluoranthene
Concen: 29.667 ng
RT: 12.32 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	459693		
101	11.8	0.0	33.2	
203	17.0	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

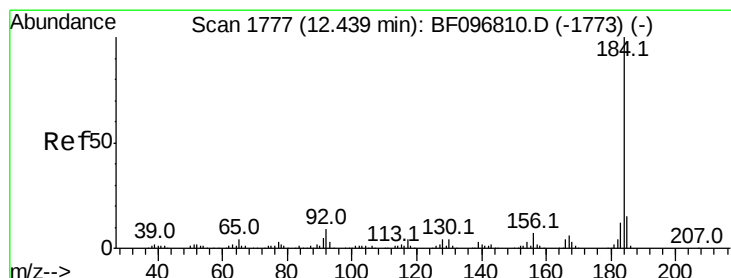
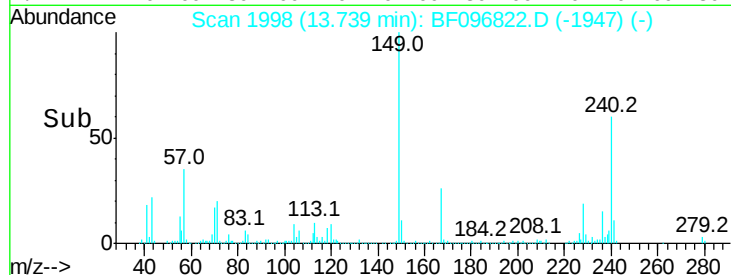
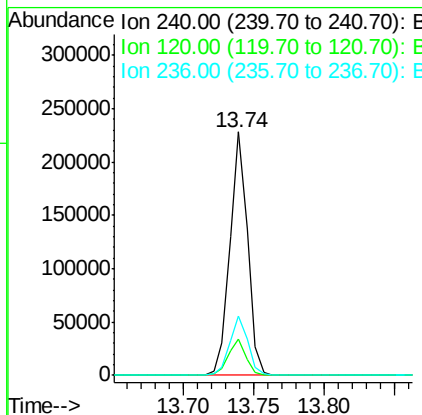
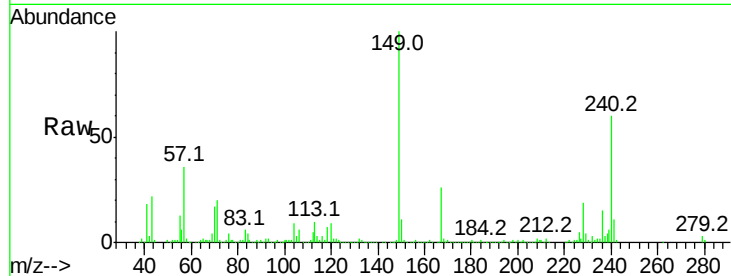
ClientSampleId :

FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	24.2	20.5	30.7

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#76

Benzidine

Concen: 43.370 ng

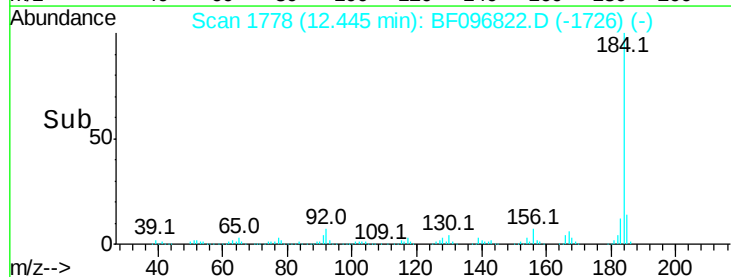
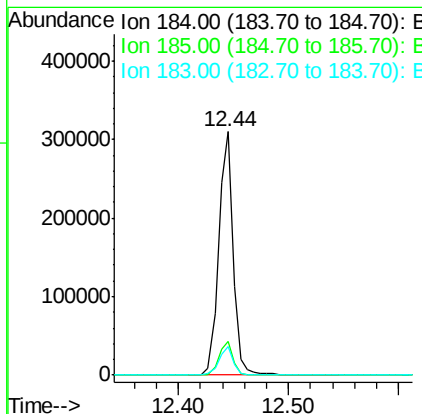
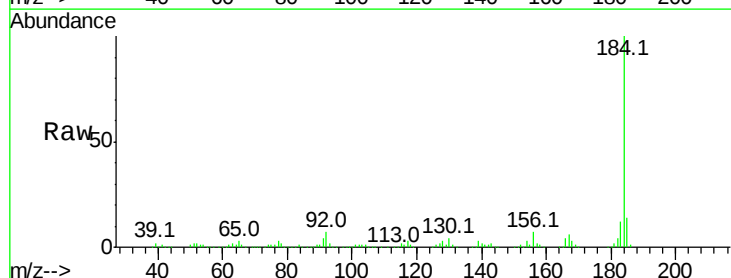
RT: 12.44 min Scan# 1778

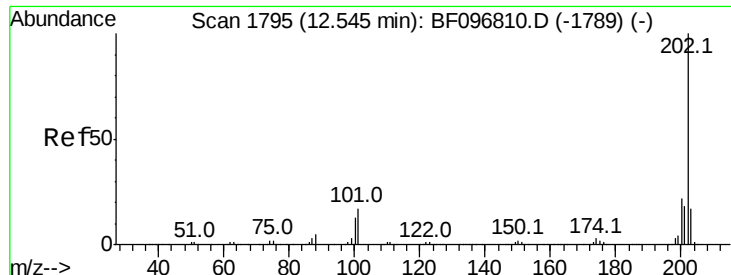
Delta R.T. 0.01 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	11.8	9.8	14.6





#77

Pvrene

Concen: 25.138 ng

RT: 12.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

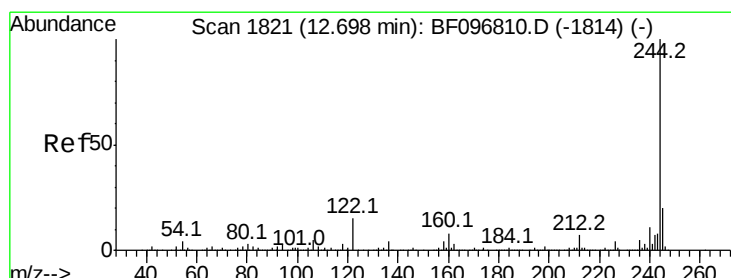
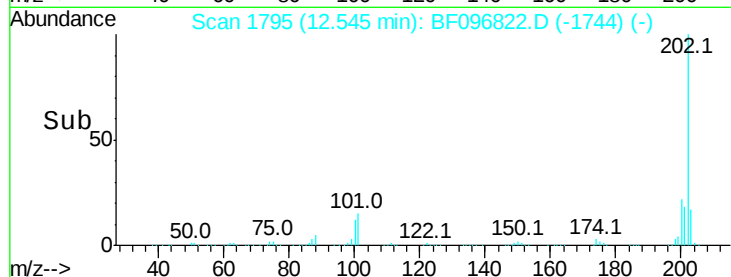
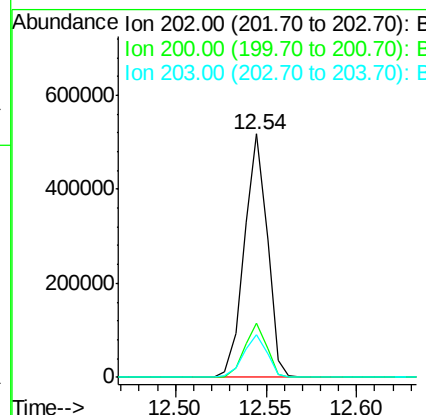
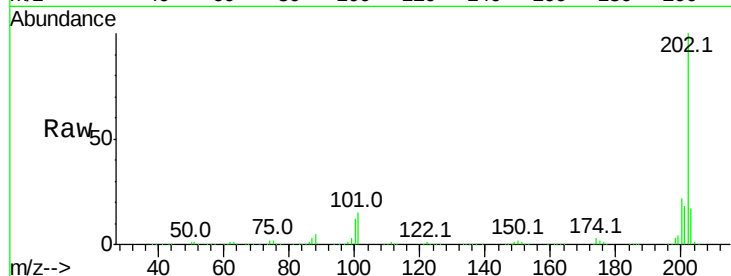
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	202	Resp:	454519
Ion Ratio		Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.3	14.4	21.6

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#78

Terphenyl-d14

Concen: 44.856 ng

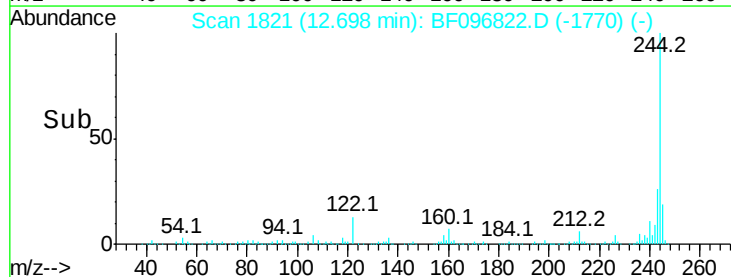
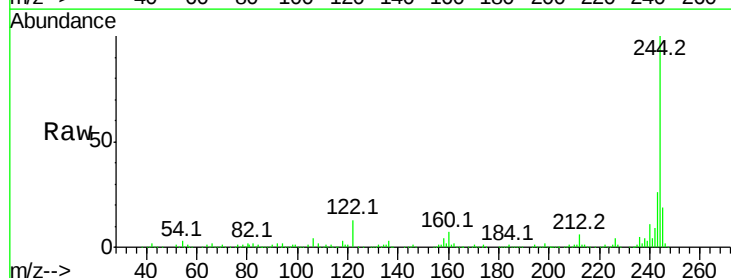
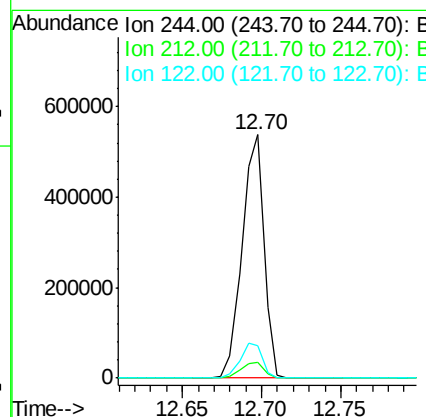
RT: 12.70 min Scan# 1821

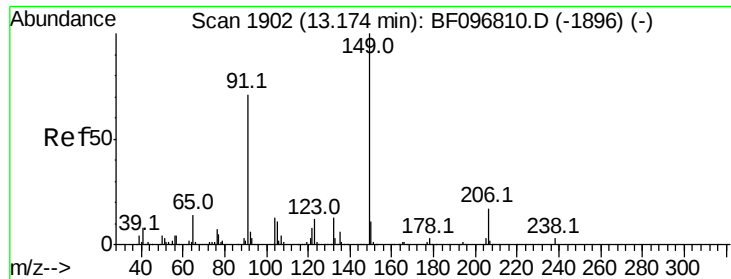
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	244	Resp:	515292
Ion Ratio		Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.1	10.3	15.5





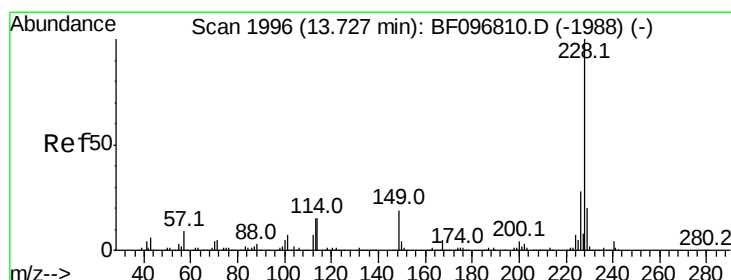
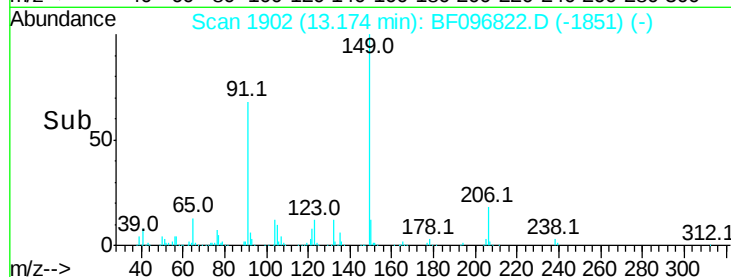
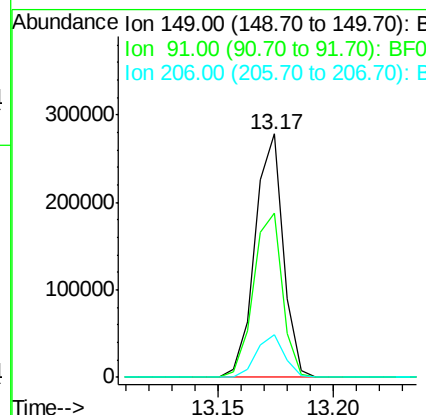
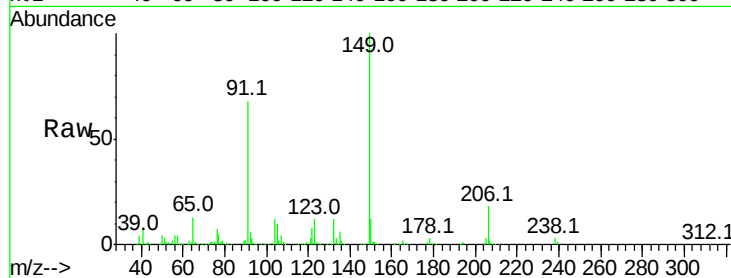
#79
Butylbenzylphthalate
Concen: 55.428 ng
RT: 13.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	45.0	67.4#
206	17.5	17.0	25.6

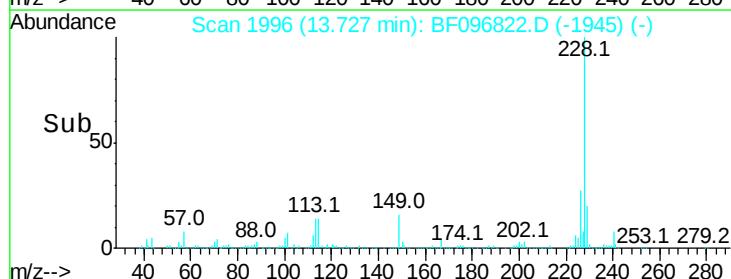
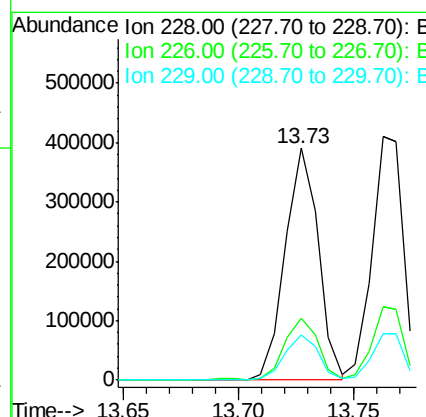
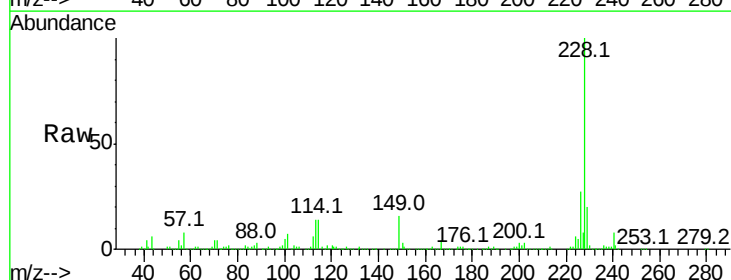
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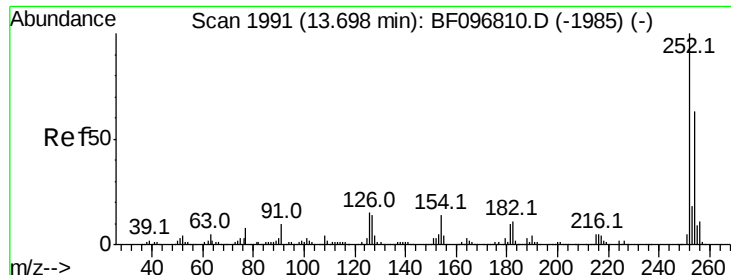
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#80
Benzo(a)anthracene
Concen: 31.236 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.6	16.3	24.5





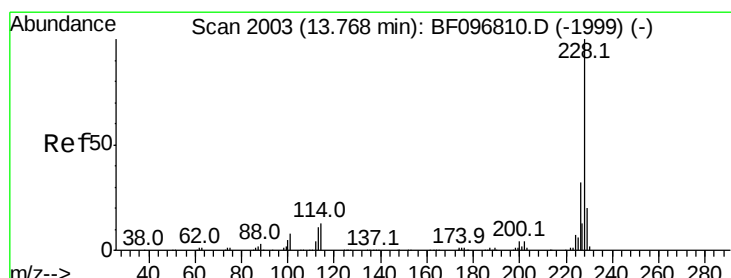
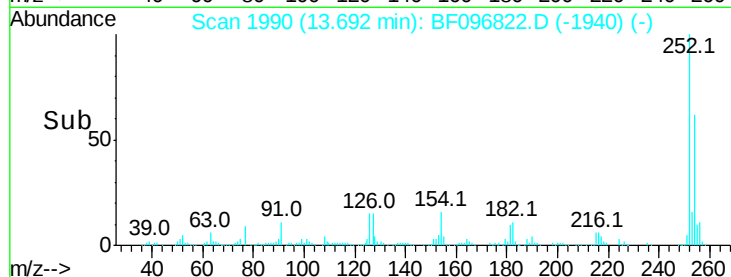
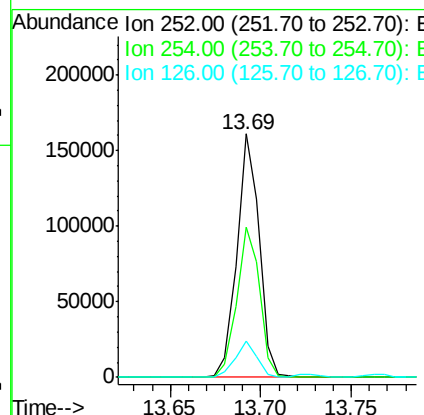
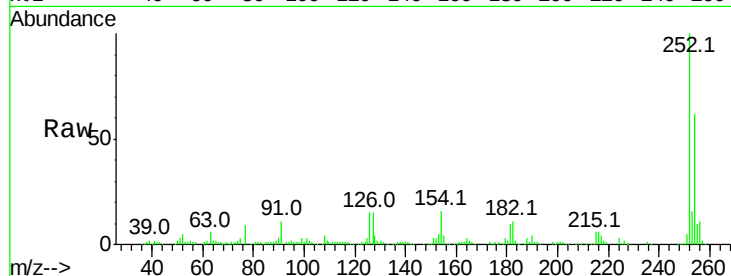
#81
 3,3'-Dichlorobenzidine
 Concen: 30.921 ng
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	138028		
254	61.5		51.5	77.3
126	14.8		15.8	23.8

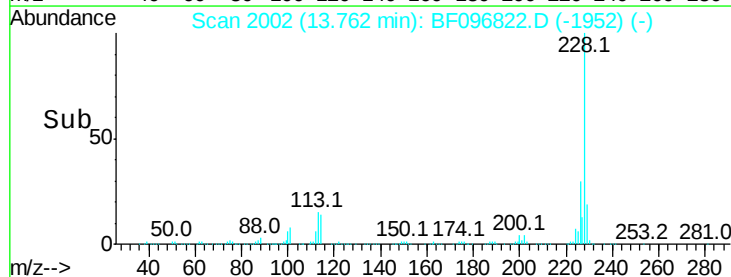
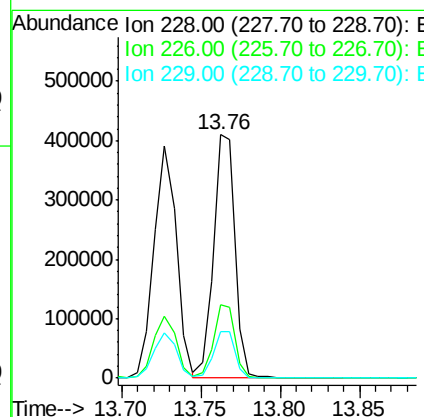
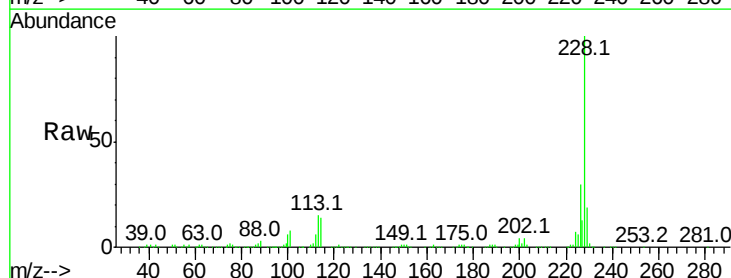
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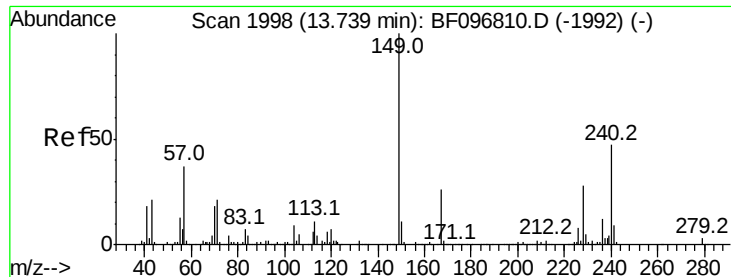
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#82
 Chrysene
 Concen: 31.721 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	387635		
226	30.1		24.9	37.3
229	19.1		15.8	23.6





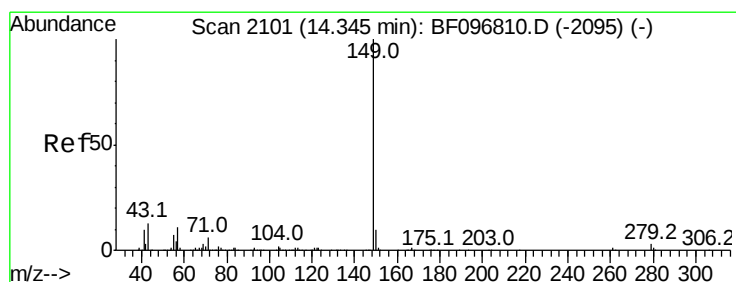
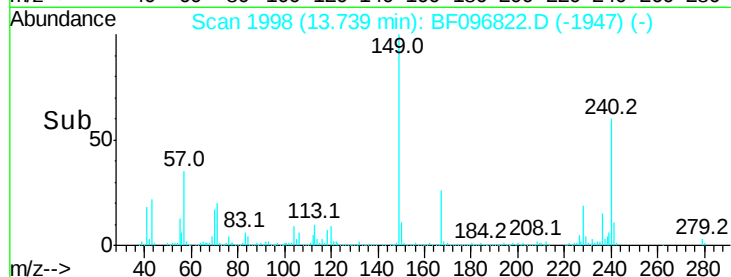
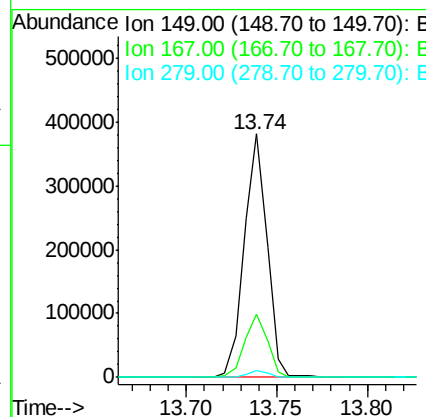
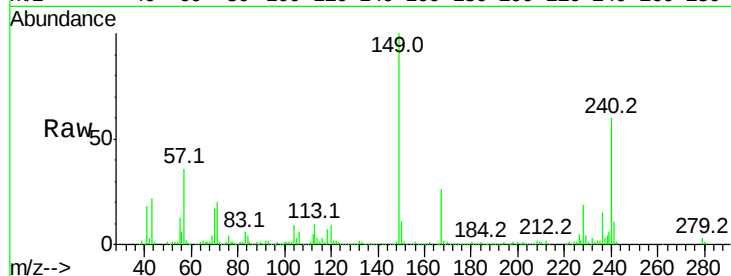
#83
Bis(2-ethylhexyl)phthalate
Concen: 31.789 ng
RT: 13.74 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.6	1.9	2.9

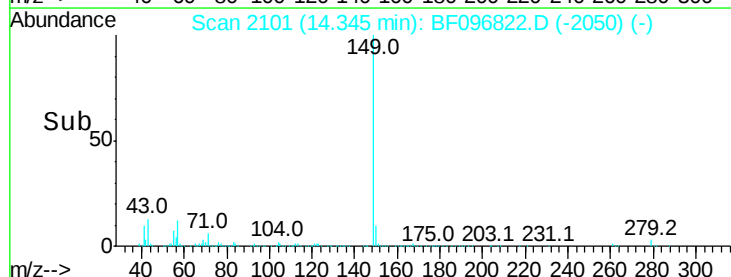
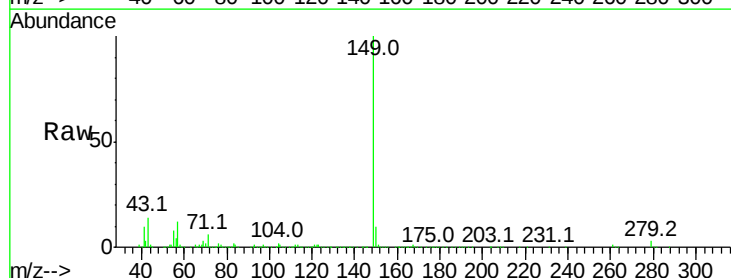
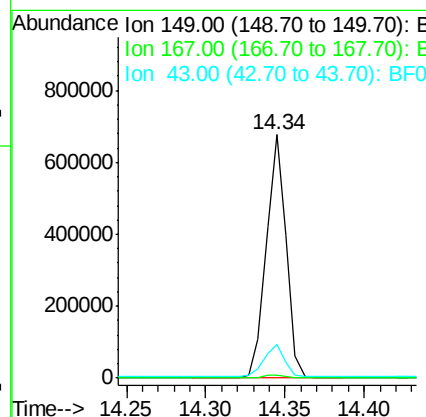
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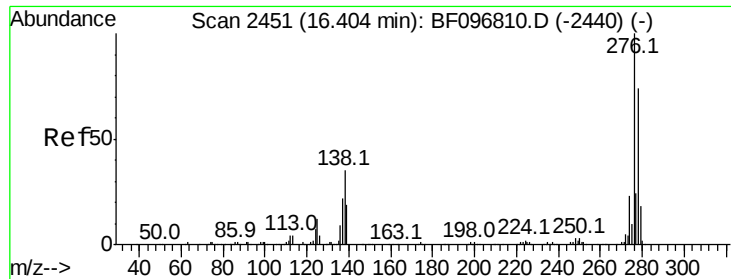
mohammad
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#84
Di-n-octyl phthalate
Concen: 34.332 ng
RT: 14.34 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	13.5	8.5	12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.430 ng

RT: 16.40 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

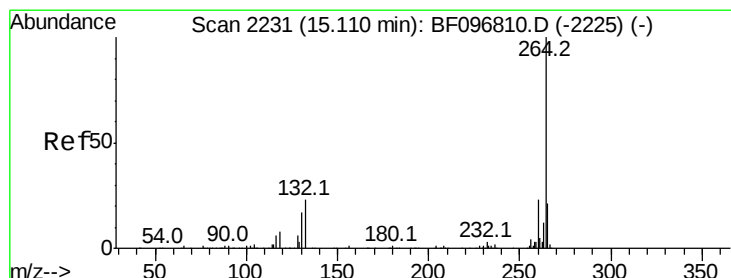
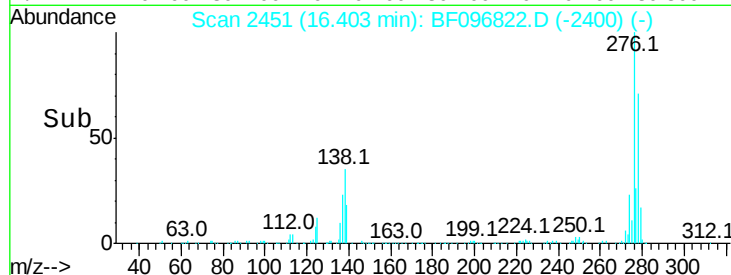
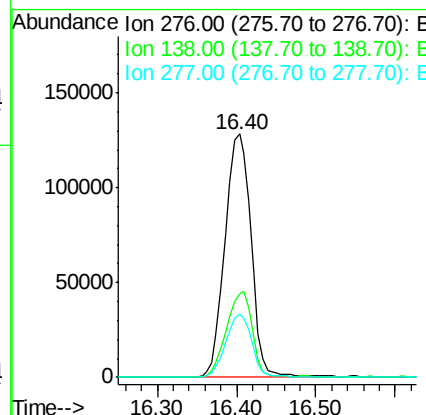
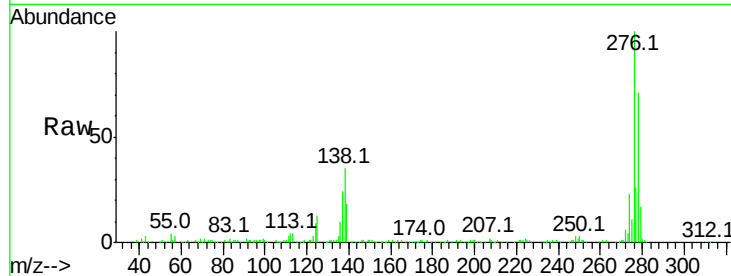
ClientSampleId :

FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.6	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

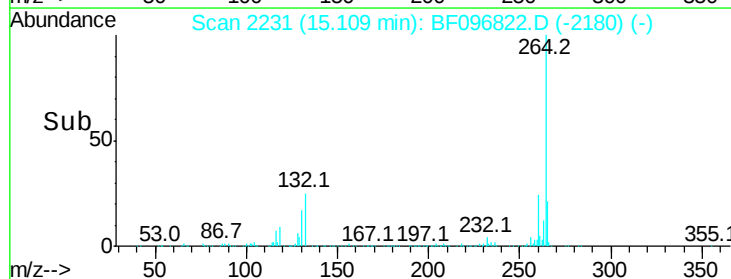
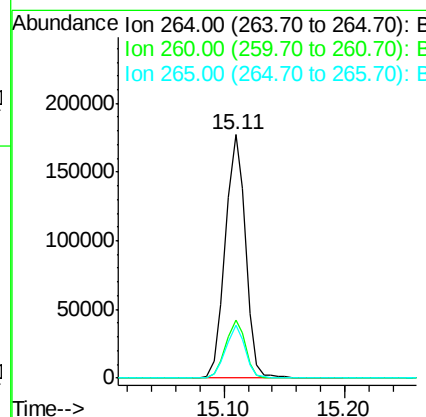
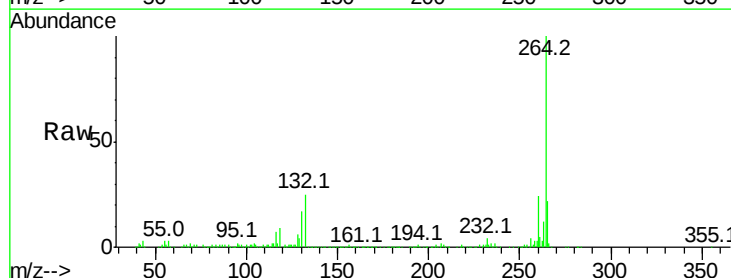
RT: 15.11 min Scan# 2231

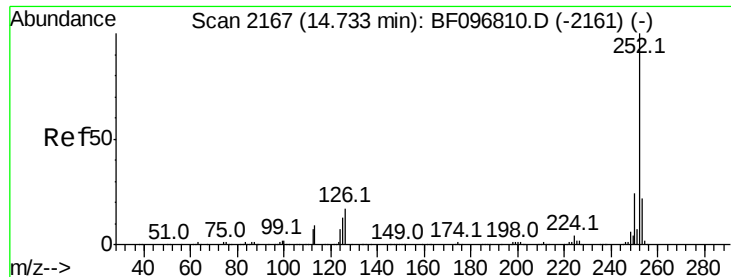
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 30.328 ng

RT: 14.73 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Instrument :

BNA_F

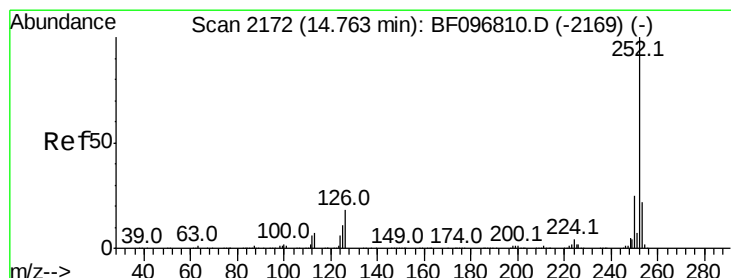
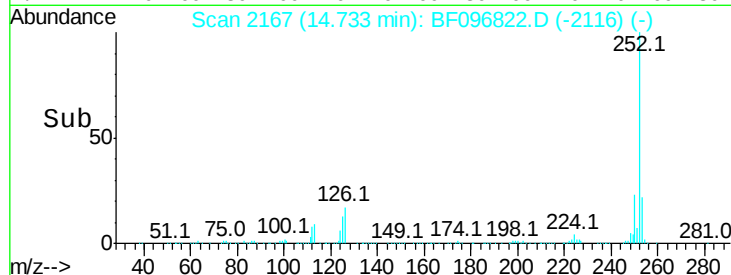
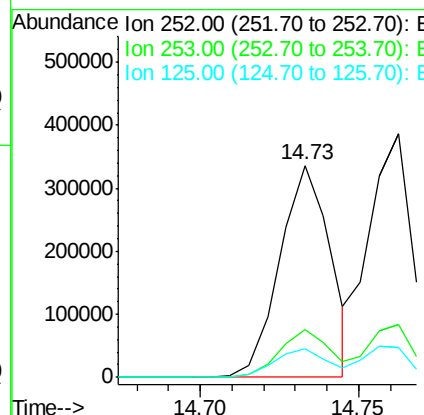
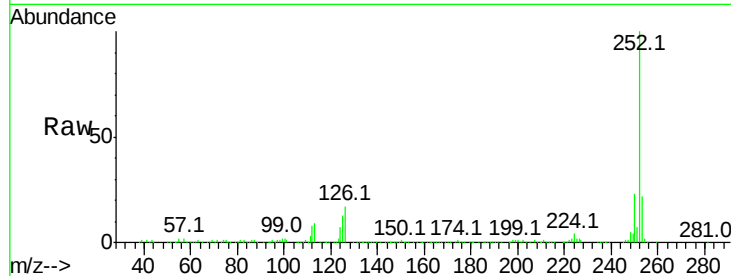
ClientSampleId :

FK-PS-01-012MS

Tot Ion:	252	Resp:	374652
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	13.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 31.585 ng m

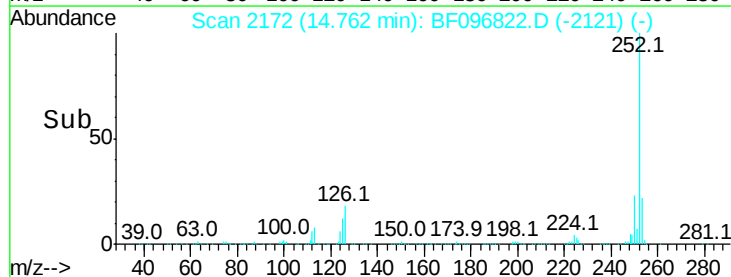
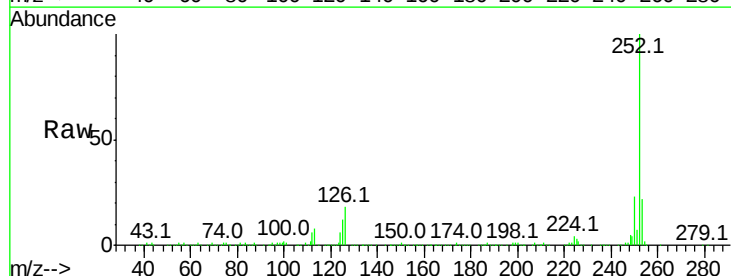
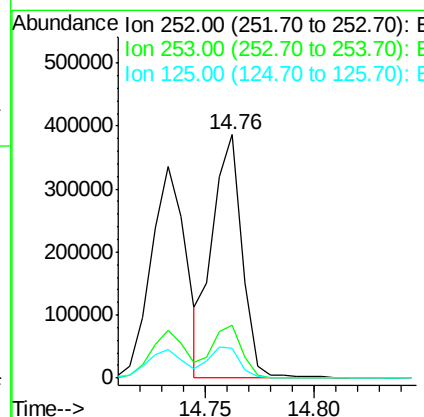
RT: 14.76 min Scan# 2172

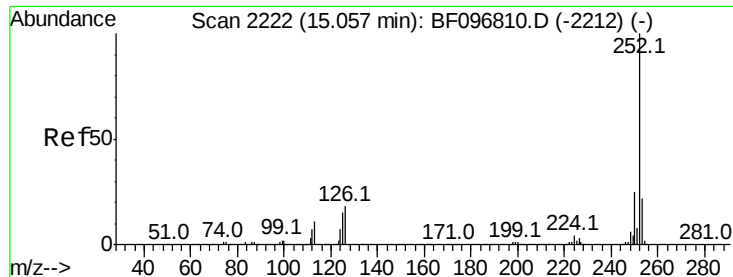
Delta R.T. -0.00 min

Lab File: BF096822.D

Acq: 17 Jul 2017 16:31

Tgt Ion:	252	Resp:	369479
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	12.2	13.1	19.7#





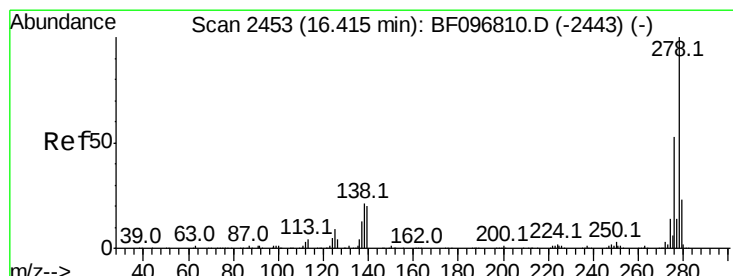
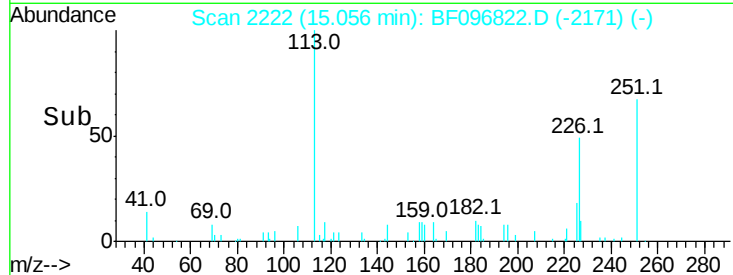
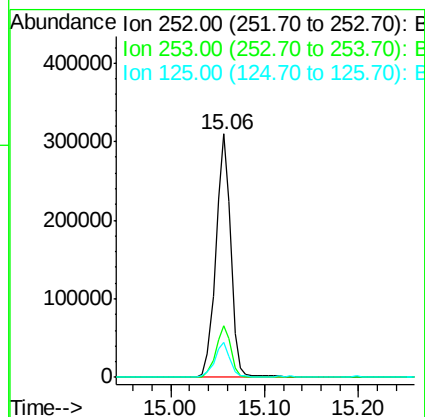
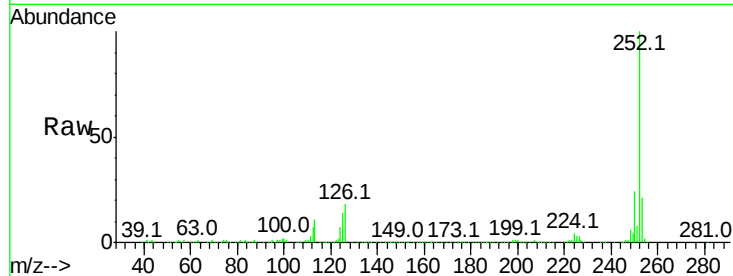
#89
Benzo(a)pyrene
Concen: 30.860 ng
RT: 15.06 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-012MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	14.2	11.0	16.4

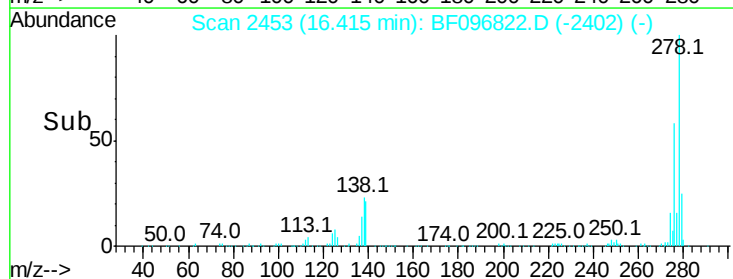
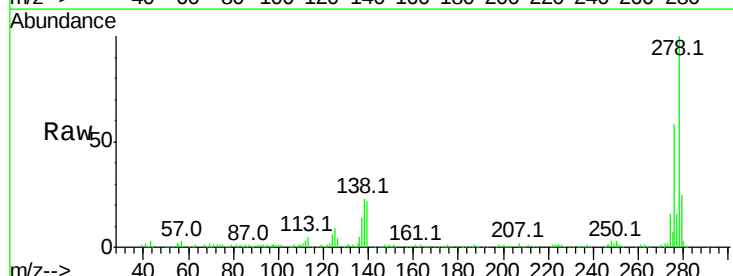
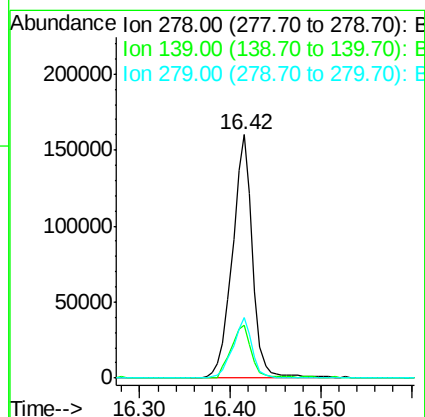
Manual Integrations
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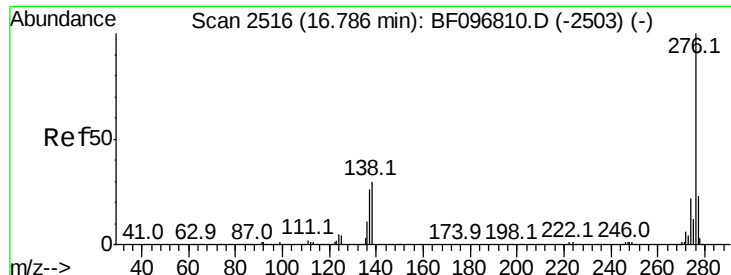
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 23.862 ng
RT: 16.42 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BF096822.D
Acq: 17 Jul 2017 16:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	25.1	19.3	28.9





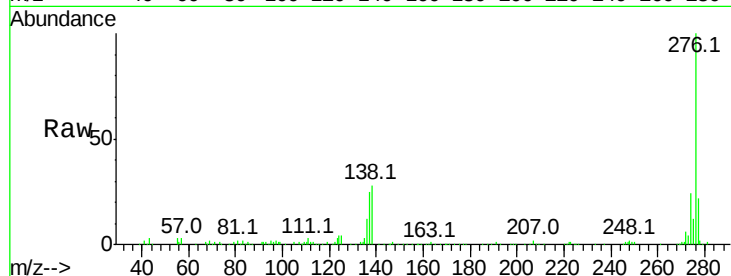
#91
 Benzo(a,h,i)perylene
 Concen: 21.176 ng
 RT: 16.79 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BF096822.D
 Acq: 17 Jul 2017 16:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-012MS

Tot Ion:	276	Resp:	236414
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.6	28.0
138	28.3	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 7/20/2017 8:38:19 AM



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

