

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096823.D
 Acq On : 17 Jul 2017 16:59
 Operator : SJ/JU
 Sample : I4196-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 7/20/2017 8:38:22 AM

Quant Time: Jul 17 18:58:41 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	125309	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	476075	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	218785	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	274513	20.00	ng	0.00
75) Chrysene-d12	13.74	240	170523	20.00	ng	0.00
86) Perylene-d12	15.11	264	190571	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	896134	107.53	ng	0.02
7) Phenol-d6	6.27	99	1163785	116.37	ng	0.01
23) Nitrobenzene-d5	7.18	82	725708	94.42	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	185265	99.20	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1192983	86.15	ng	0.00
78) Terphenyl-d14	12.70	244	633716	64.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	134674	31.405	ng	# 77
3) Pyridine	2.94	79	356777	39.588	ng	# 63
4) n-Nitrosodimethylamine	2.88	42	222217	44.091	ng	# 78
6) Aniline	6.28	93	404131	32.805	ng	# 23
8) 2-Chlorophenol	6.40	128	381660	42.450	ng	93
9) Benzaldehyde	6.16	77	197153	34.107	ng	99
10) Phenol	6.29	94	456609	40.387	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	382367	44.974	ng	91
12) 1,3-Dichlorobenzene	6.56	146	402792	42.147	ng	98
13) 1,4-Dichlorobenzene	6.63	146	361816	37.384	ng	97
14) 1,2-Dichlorobenzene	6.79	146	331873	37.700	ng	97
15) Benzyl Alcohol	6.76	79	262072	40.025	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	674603	38.448	ng	100
17) 2-Methylphenol	6.89	107	270822	38.736	ng	96
18) Hexachloroethane	7.13	117	132927	38.733	ng	# 86
19) n-Nitroso-di-n-propylamine	7.04	70	250721	41.612	ng	# 83
20) 3+4-Methylphenols	7.04	107	358916	42.305	ng	# 72
22) Acetophenone	7.03	105	510396	47.968	ng	99
24) Nitrobenzene	7.20	77	384564	48.378	ng	95
25) Isophorone	7.45	82	677584	47.390	ng	95
26) 2-Nitrophenol	7.52	139	180348	40.803	ng	# 88
27) 2,4-Dimethylphenol	7.57	122	305082	41.956	ng	95
28) bis(2-Chloroethoxy)methane	7.66	93	414526	42.904	ng	100
29) 2,4-Dichlorophenol	7.76	162	276787	42.052	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	267214	42.698	ng	97
31) Naphthalene	7.92	128	953917	42.297	ng	100
32) Benzoic acid	7.69	122	84725	18.230	ng	93
33) 4-Chloroaniline	7.97	127	299574	33.527	ng	98
34) Hexachlorobutadiene	8.04	225	139948	41.890	ng	97
35) Caprolactam	8.35	113	87679m	41.573	ng	
36) 4-Chloro-3-methylphenol	8.46	107	285262	40.306	ng	87
37) 2-Methylnaphthalene	8.61	142	643634	44.765	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	254551	43.040	ng	99
40) Hexachlorocyclopentadiene	8.76	237	85562	41.053	ng	98

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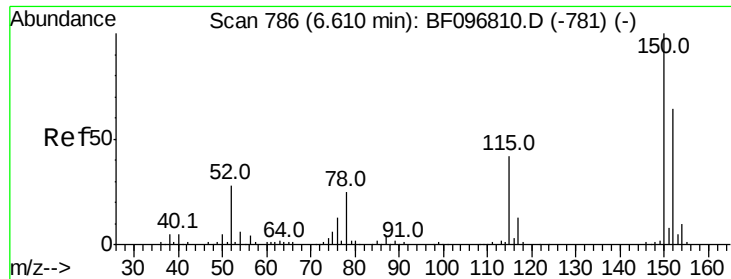
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	185732	42.574	nq	95
43) 2,4,5-Trichlorophenol	8.93	196	187862	42.698	nq	96
45) 1,1'-Biphenyl	9.07	154	715372	38.125	nq	99
46) 2-Chloronaphthalene	9.09	162	541557	39.195	nq #	92
47) 2-Nitroaniline	9.19	65	198498	41.795	nq	92
48) Acenaphthylene	9.50	152	929450	42.219	nq	99
49) Dimethylphthalate	9.38	163	897923	54.506	nq	99
50) 2,6-Dinitrotoluene	9.43	165	153511	43.022	nq #	77
51) Acenaphthene	9.67	154	473688	36.423	nq	100
52) 3-Nitroaniline	9.60	138	151300	35.793	nq	92
53) 2,4-Dinitrophenol	9.71	184	38816	26.860	nq #	72
54) Dibenzofuran	9.85	168	694998	38.136	nq	98
55) 4-Nitrophenol	9.78	139	198439	64.257	nq #	71
56) 2,4-Dinitrotoluene	9.84	165	162859	35.519	nq #	77
57) Fluorene	10.19	166	493043	36.611	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.97	232	119790	39.258	nq #	97
59) Diethylphthalate	10.07	149	604549	37.697	nq	100
60) 4-Chlorophenyl-phenylether	10.18	204	217336	37.192	nq	98
61) 4-Nitroaniline	10.21	138	140245	35.331	nq	92
62) Azobenzene	10.34	77	536585	37.927	nq	93
64) 4,6-Dinitro-2-methylphenol	10.25	198	37847	21.959	nq	89
65) n-Nitrosodiphenylamine	10.30	169	470345	47.932	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	136567	48.727	nq	98
67) Hexachlorobenzene	10.74	284	135743	43.486	nq #	93
68) Atrazine	10.83	200	133382	47.710	nq	94
69) Pentachlorophenol	10.93	266	115323	76.475	nq	98
70) Phenanthrene	11.14	178	651486	43.647	nq	99
71) Anthracene	11.19	178	663680	43.977	nq	99
72) Carbazole	11.35	167	603414	41.289	nq	99
73) Di-n-butylphthalate	11.69	149	849662	46.683	nq	99
74) Fluoranthene	12.32	202	550430	38.527	nq	98
76) Benzidine	12.44	184	346921	62.101	nq #	92
77) Pyrene	12.54	202	563816	36.432	nq	99
79) Butylbenzylphthalate	13.17	149	281274	76.505	nq #	85
80) Benzo(a)anthracene	13.73	228	450698	42.419	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	171254	44.822	nq	97
82) Chrysene	13.77	228	453958	43.400	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	355619	39.713	nq	99
84) Di-n-octyl phthalate	14.34	149	675777	45.654	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.41	276	420387	42.700	nq	99
87) Benzo(b)fluoranthene	14.73	252	521816	45.401	nq	97
88) Benzo(k)fluoranthene	14.76	252	404552m	37.170	nq	
89) Benzo(a)pyrene	15.06	252	454295	43.095	nq	98
90) Dibenzo(a,h)anthracene	16.42	278	356450	36.748	nq	99
91) Benzo(g,h,i)perylene	16.79	276	344291	33.146	nq	98

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



#1

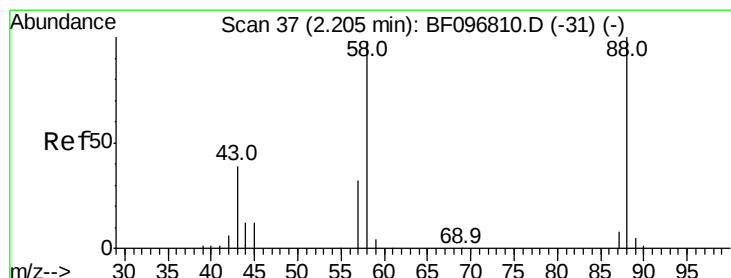
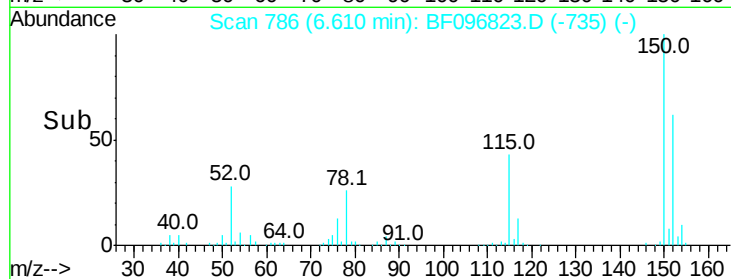
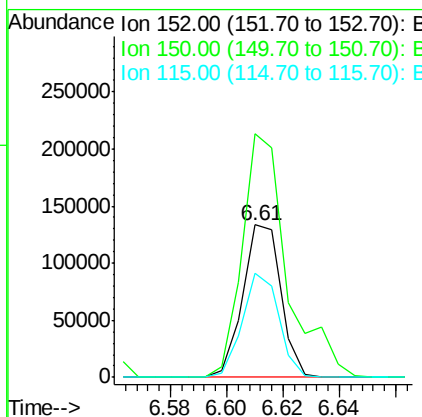
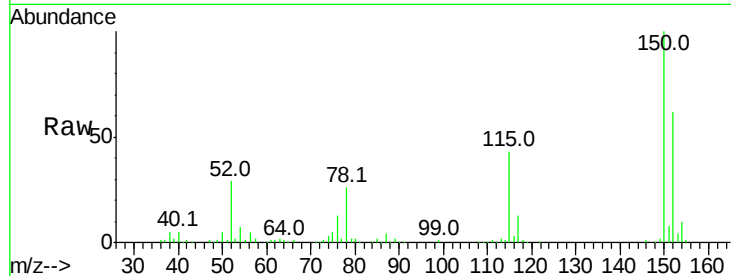
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	68.5	52.2	78.2

Manual Integrations
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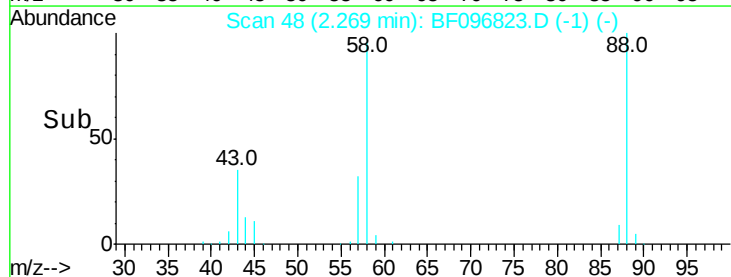
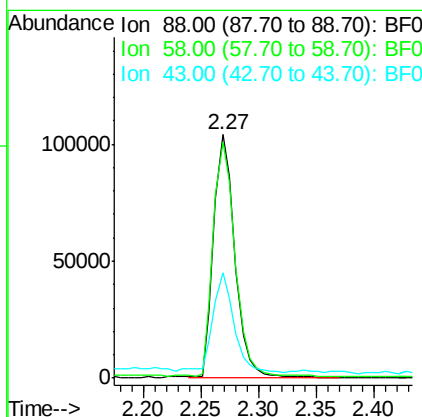
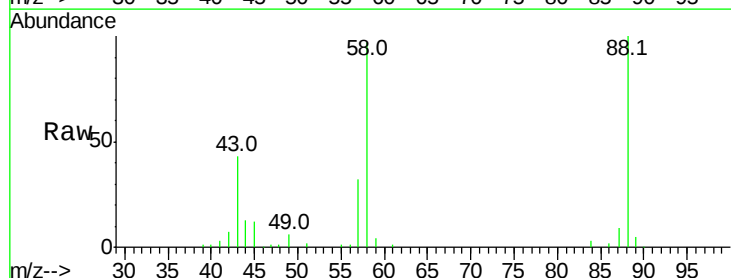
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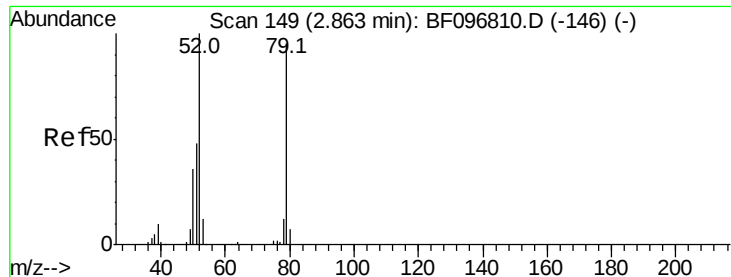


#2

1,4-Dioxane
Concen: 31.405 ng
RT: 2.27 min Scan# 48
Delta R.T. 0.06 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	61.4	92.0#
43	40.3	23.4	35.0#





#3

Pvridine

Concen: 39.588 ng

RT: 2.94 min Scan# 162

Delta R.T. 0.08 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012MSD

Tot Ion: 79 Resp: 356777

Ion Ratio Lower Upper

79 100

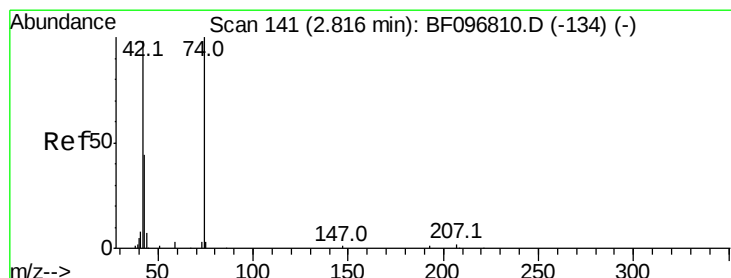
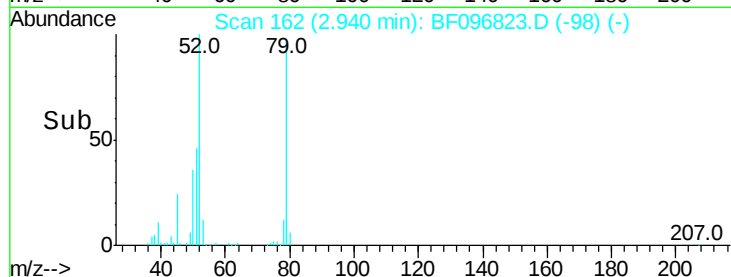
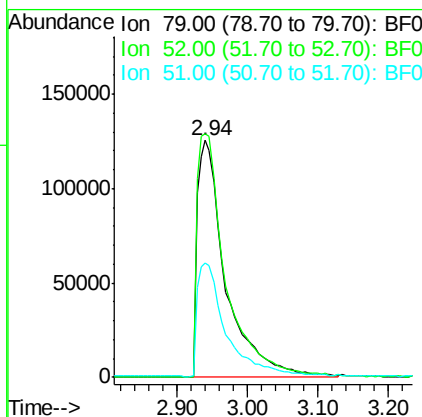
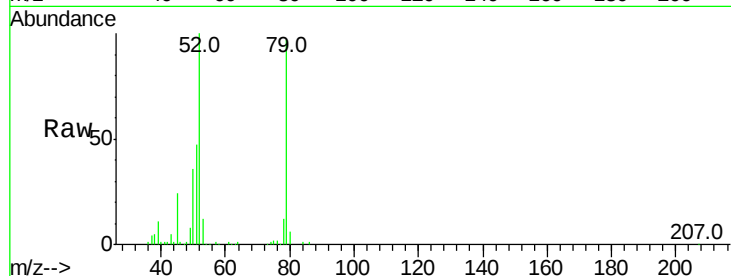
52 102.8 54.8 82.2#

51 48.1 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 44.091 ng

RT: 2.88 min Scan# 152

Delta R.T. 0.06 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

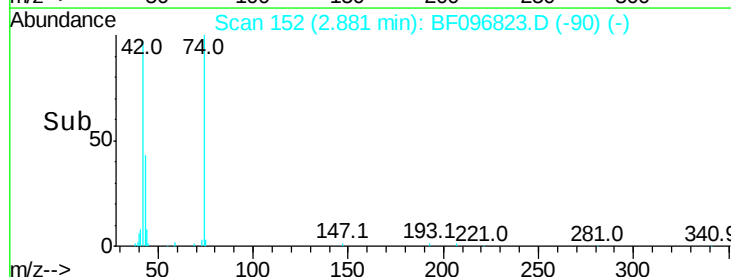
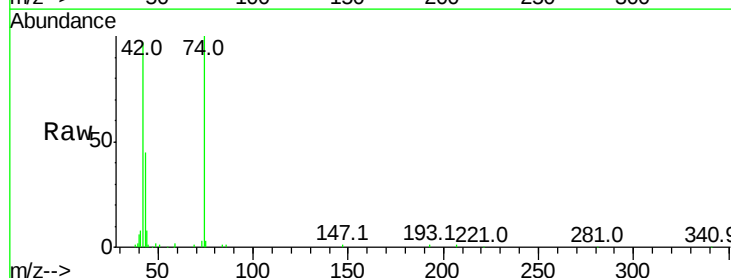
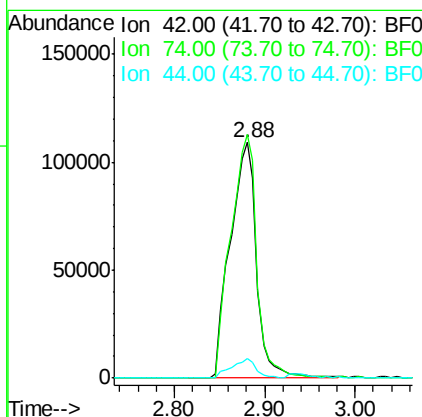
Tgt Ion: 42 Resp: 222217

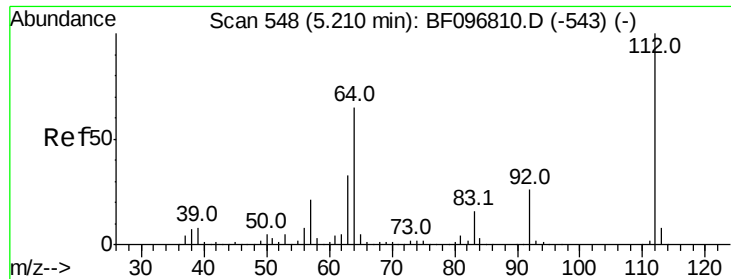
Ion Ratio Lower Upper

42 100

74 103.3 103.9 155.9#

44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 107.527 ng

RT: 5.23 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

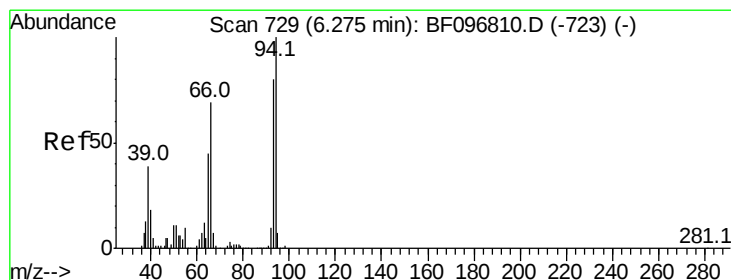
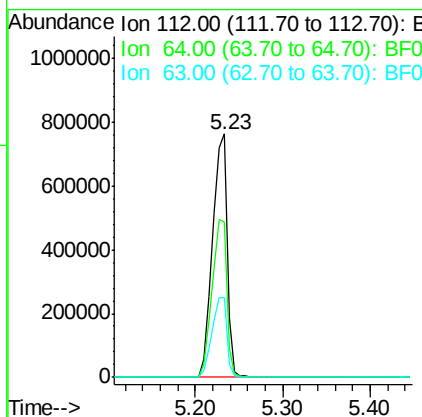
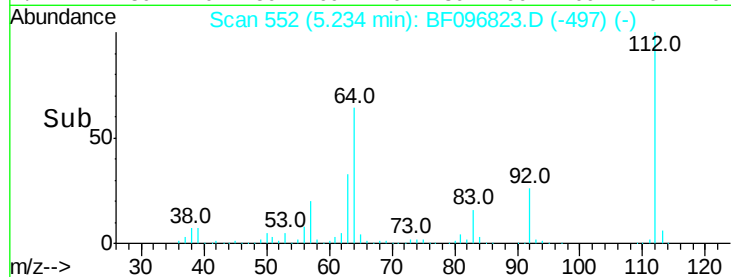
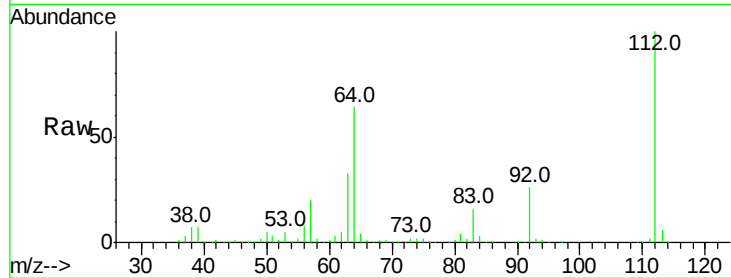
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	112	Resp:	896134
Ion Ratio		Lower	Upper
112	100		
64	63.6	46.0	69.0
63	32.6	23.4	35.0

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#6

Aniline

Concen: 32.805 ng

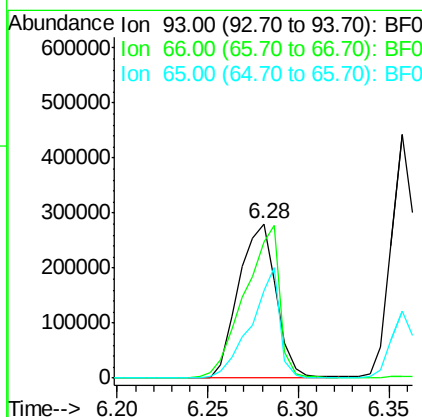
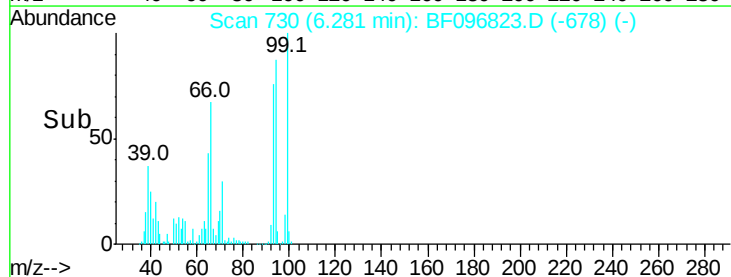
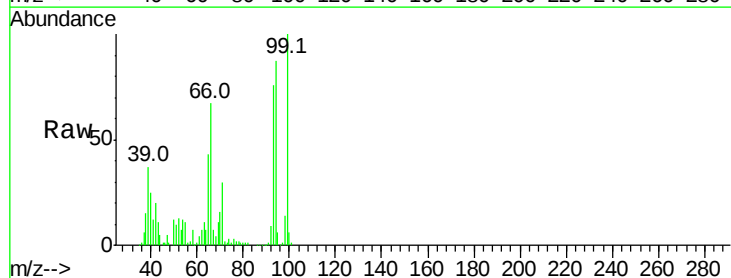
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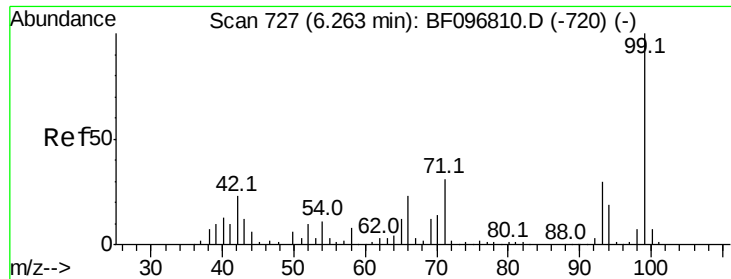
Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	93	Resp:	404131
Ion Ratio		Lower	Upper
93	100		
66	88.5	32.9	49.3#
65	56.6	16.0	24.0#





#7

Phenol-d6

Concen: 116.366 ng

RT: 6.27 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012MSD

Tot Ion: 99 Resp: 1163785

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

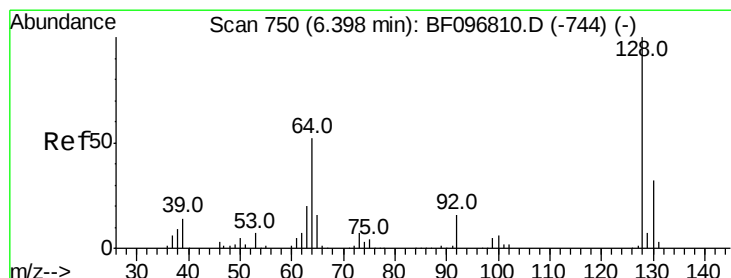
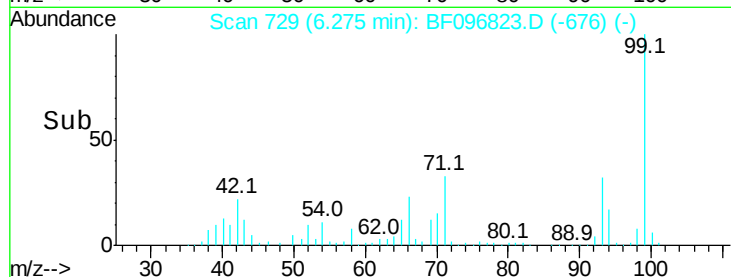
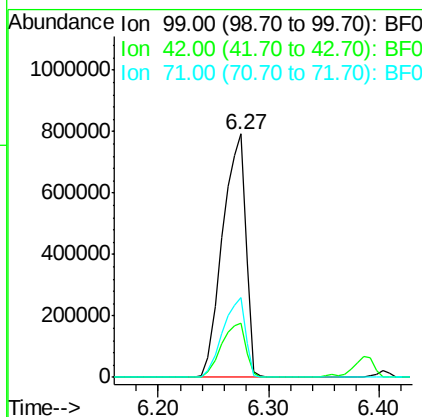
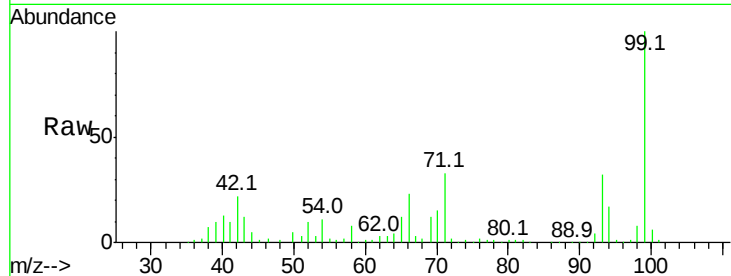
71 32.6 24.5 36.7

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#8

2-Chlorophenol

Concen: 42.450 ng

RT: 6.40 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

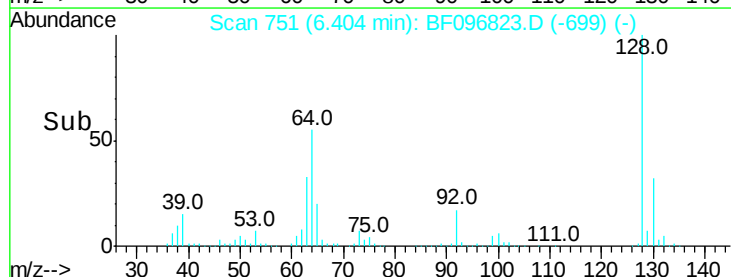
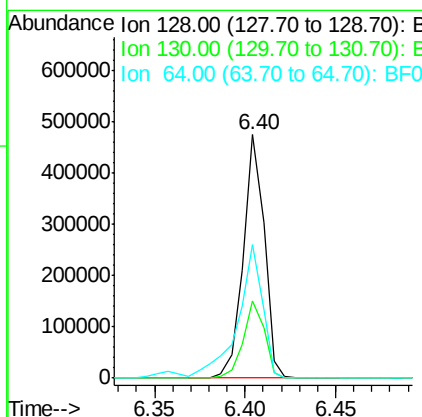
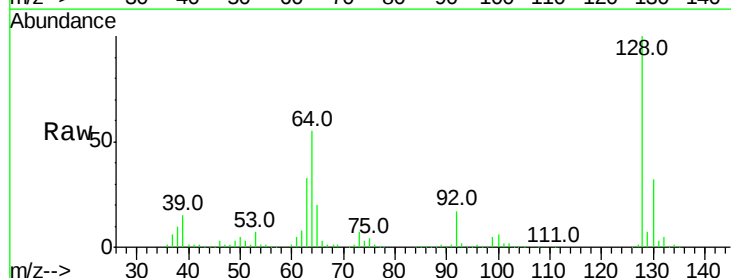
Tgt Ion: 128 Resp: 381660

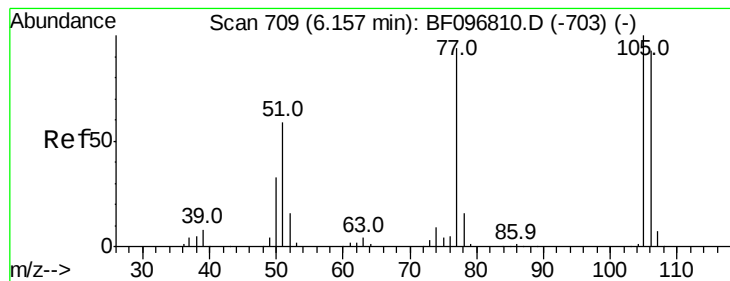
Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

64 54.9 28.4 68.4





#9

Benzaldehyde

Concen: 34.107 ng

RT: 6.16 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

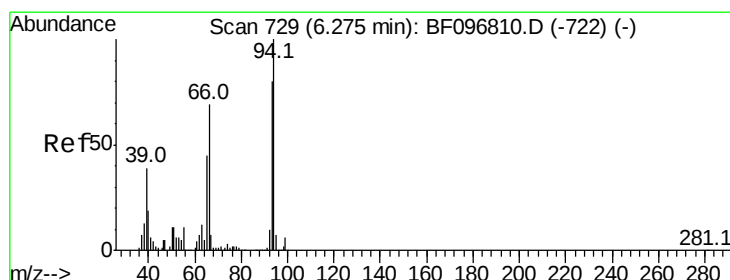
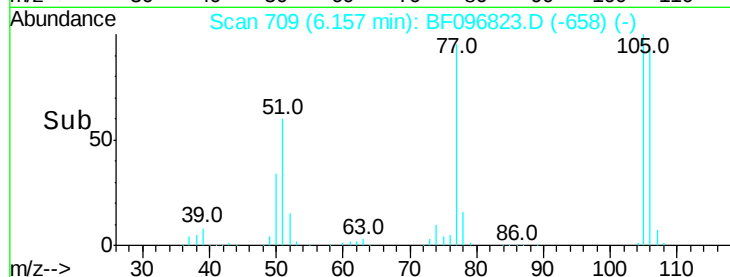
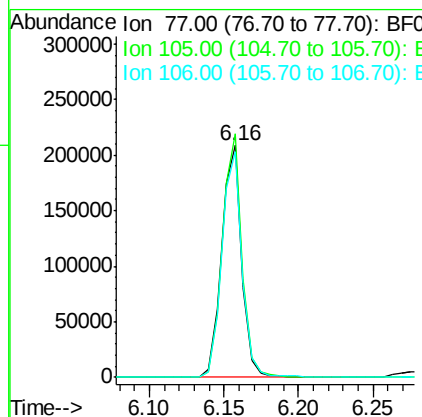
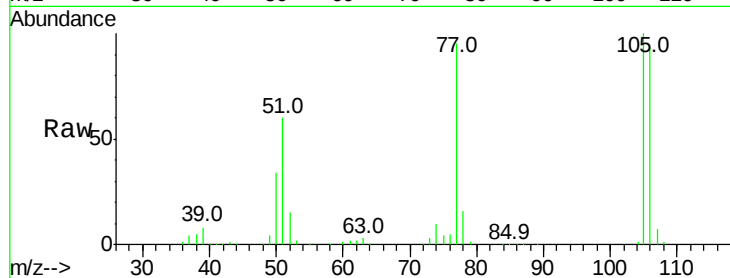
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	77	Resp:	197153
Ion Ratio	Lower	Upper	
77	100		
105	105.0	83.8	123.8
106	97.5	79.1	119.1

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#10

Phenol

Concen: 40.387 ng

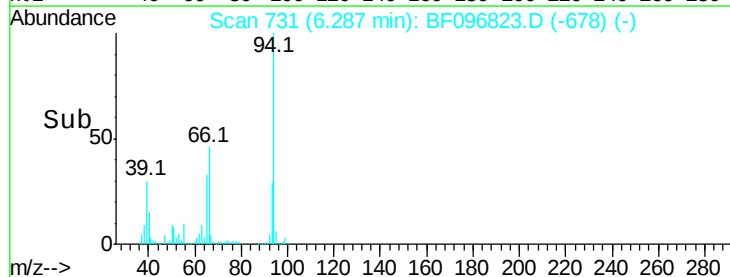
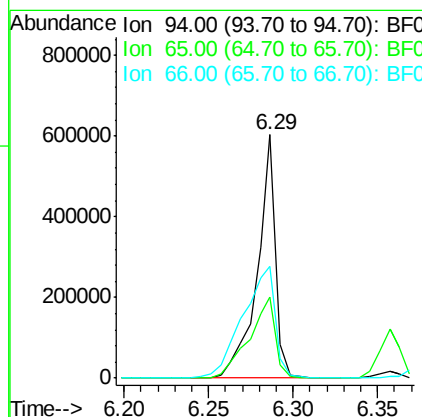
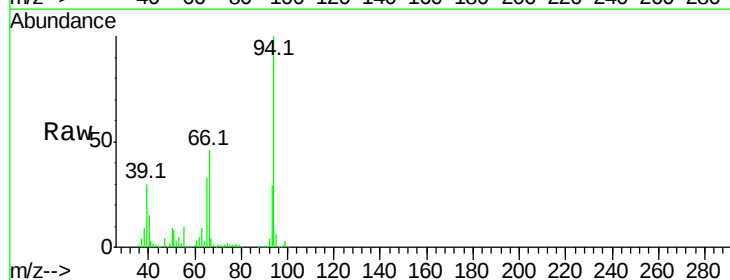
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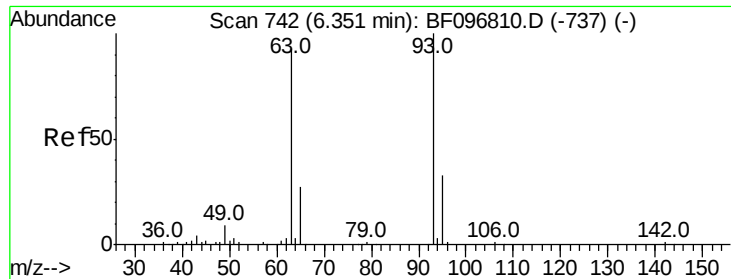
Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	94	Resp:	456609
Ion Ratio	Lower	Upper	
94	100		
65	33.4	9.9	49.9
66	46.0	23.1	63.1





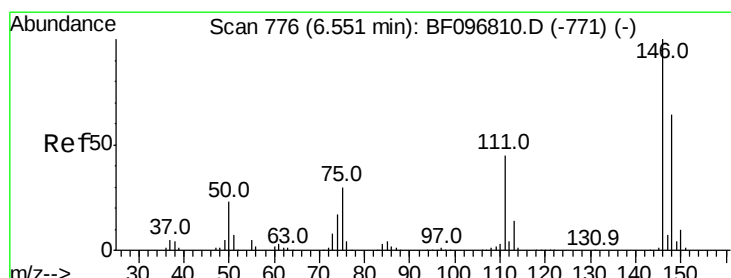
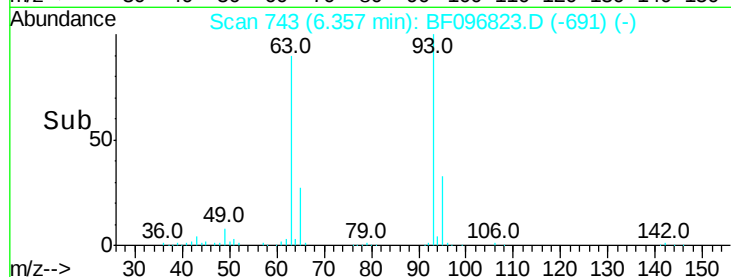
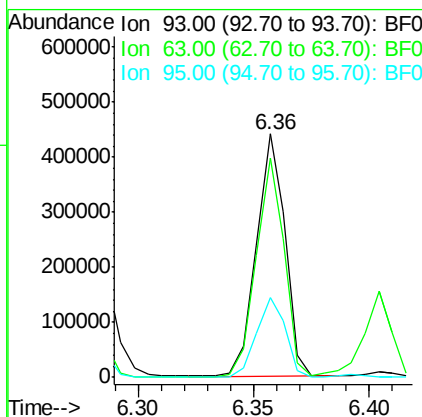
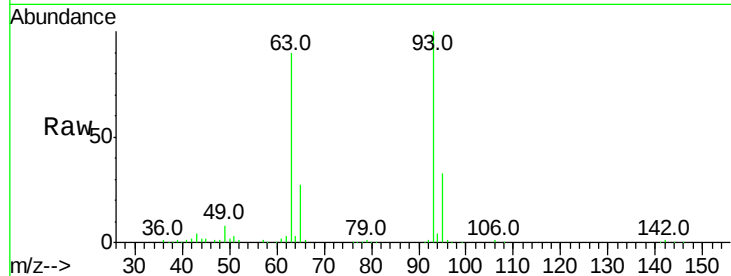
#11
bis(2-Chloroethyl)ether
Concen: 44.974 ng
RT: 6.36 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	59.2	99.2
95	32.8	12.8	52.8

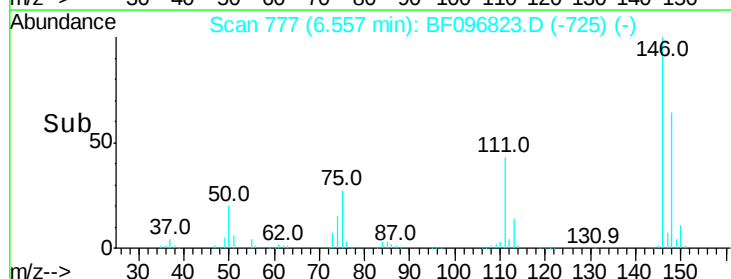
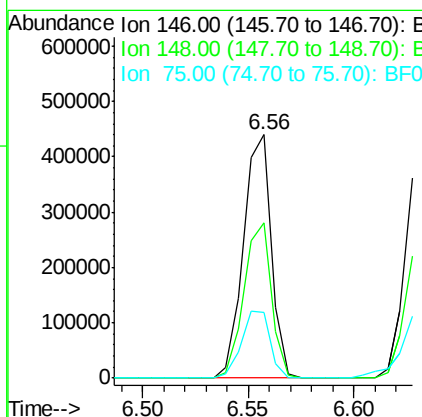
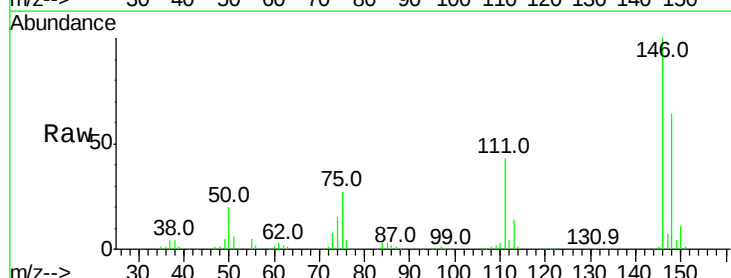
Manual Integrations
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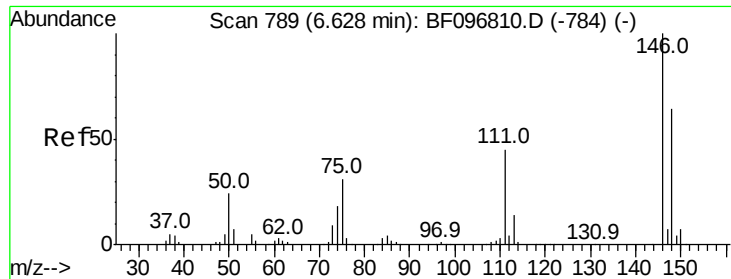
mohammad
7/20/2017 8:38:22 AM



#12
1,3-Dichlorobenzene
Concen: 42.147 ng
RT: 6.56 min Scan# 777
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	27.1	23.1	34.7





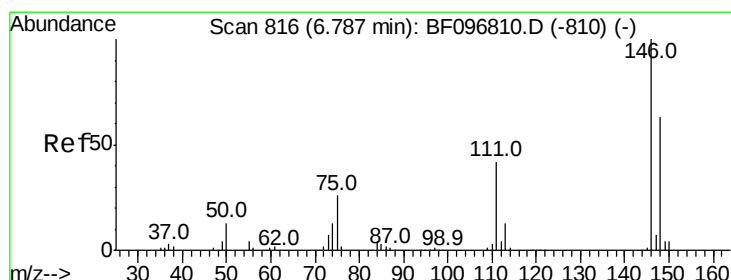
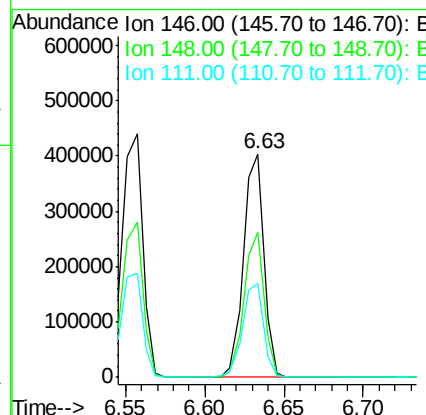
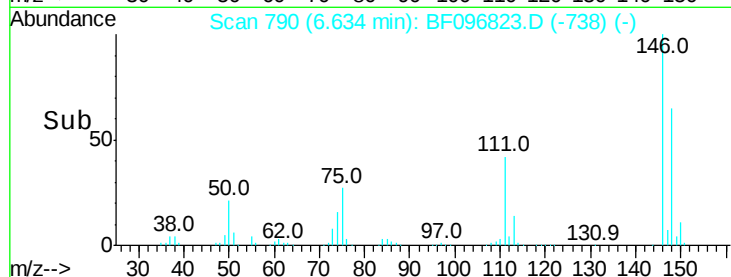
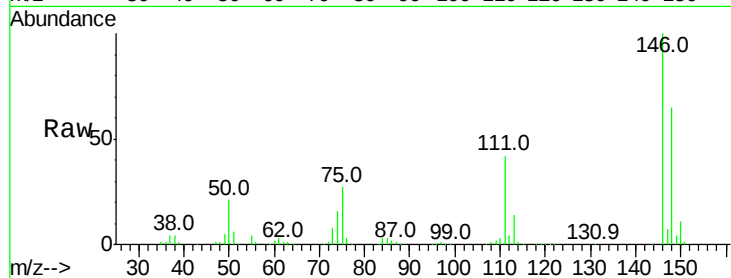
#13
 1,4-Dichlorobenzene
 Concen: 37.384 ng
 RT: 6.63 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	41.8	30.3	45.5

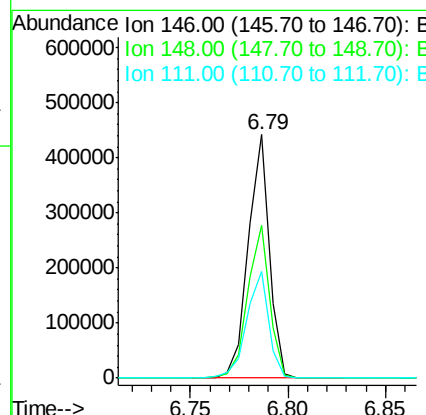
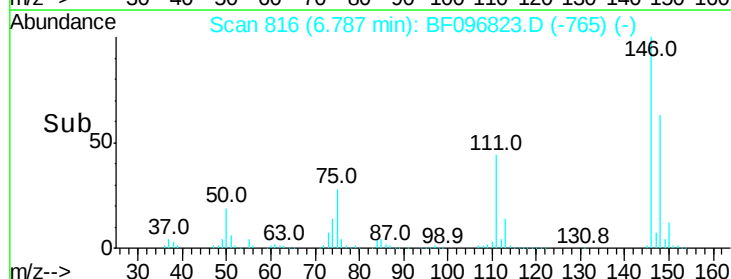
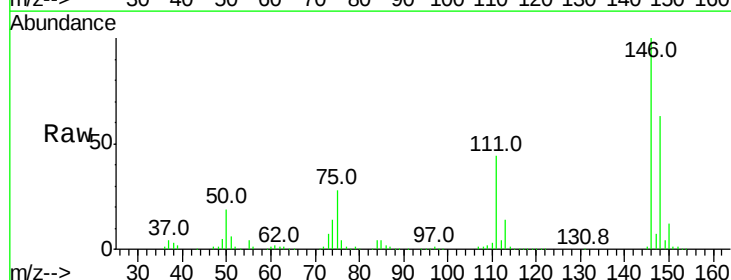
Manual Integrations
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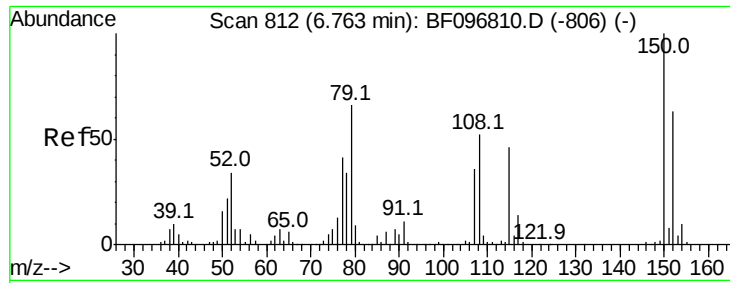
mohammad
 7/20/2017 8:38:22 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.700 ng
 RT: 6.79 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	43.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.025 ng

RT: 6.76 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012MSD

Tot Ion: 79 Resp: 262072

Ion Ratio Lower Upper

79 100

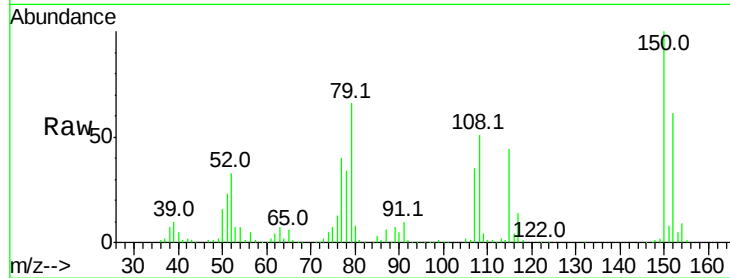
108 76.8 63.4 95.0

77 60.7 49.2 73.8

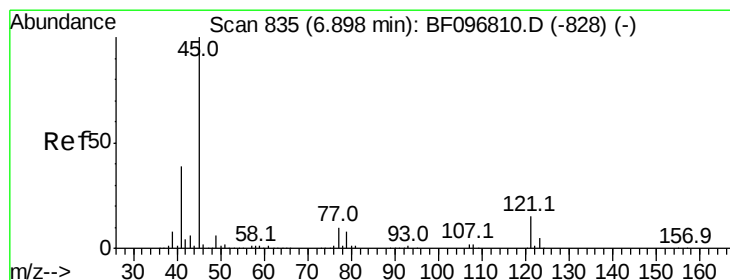
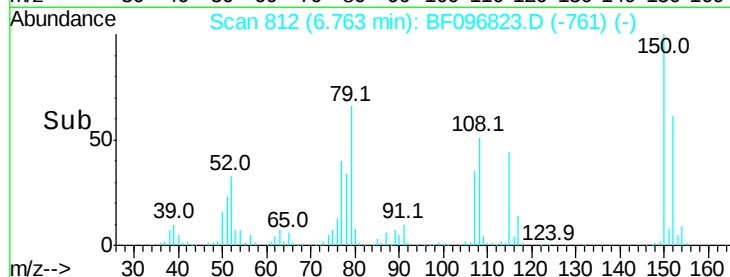
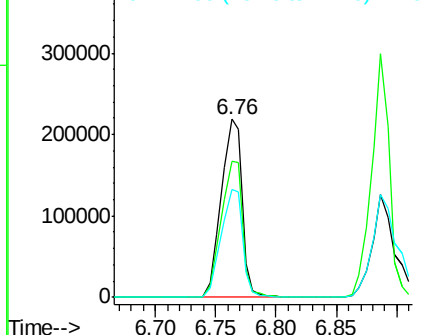
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.448 ng

RT: 6.90 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

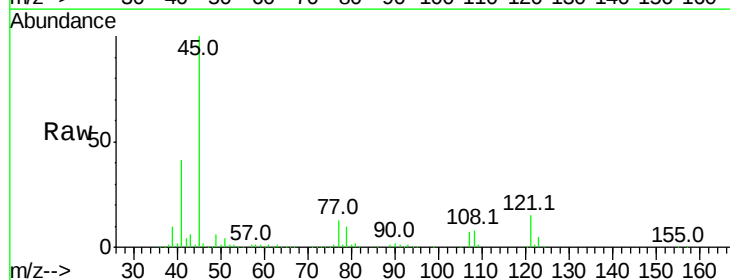
Tgt Ion: 45 Resp: 674603

Ion Ratio Lower Upper

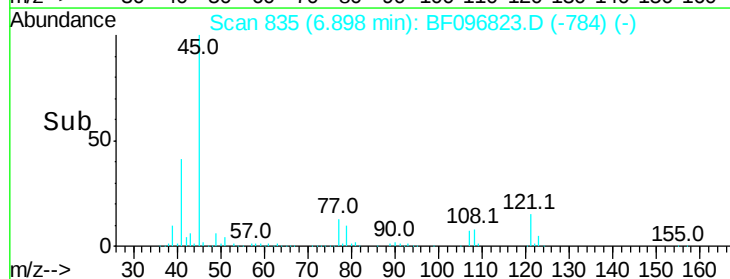
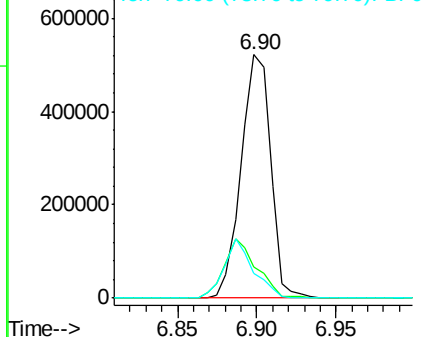
45 100

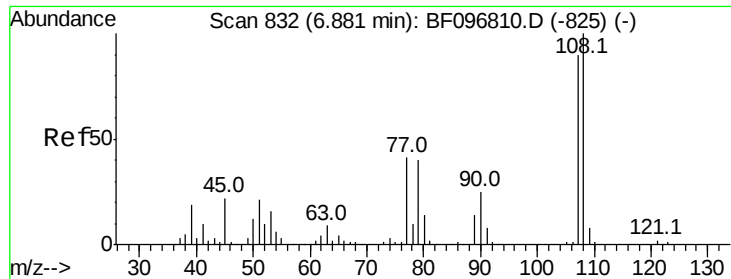
77 12.9 0.0 33.2

79 10.0 0.0 30.0



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





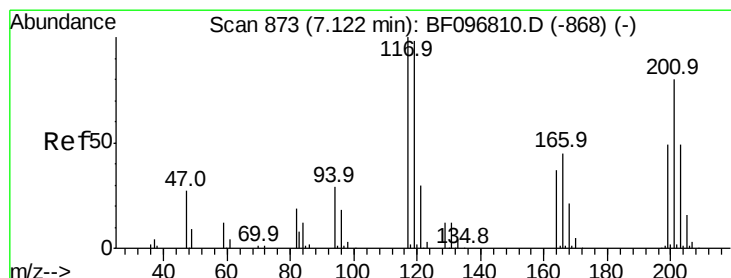
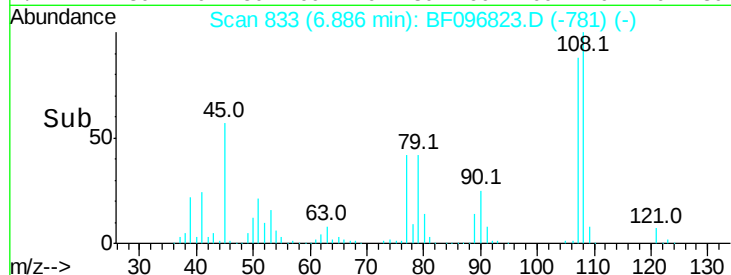
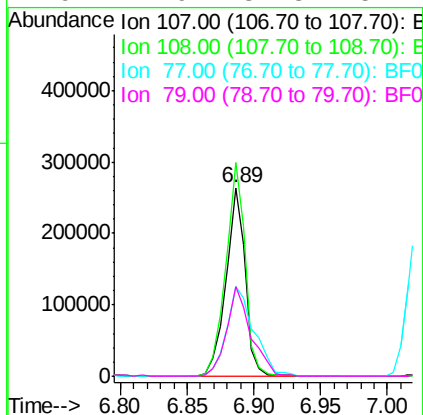
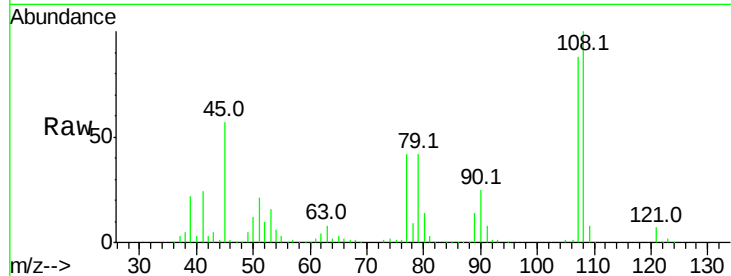
#17
2-Methylphenol
Concen: 38.736 ng
RT: 6.89 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.4	140.0
77	47.9	35.8	53.6
79	47.9	34.8	52.2

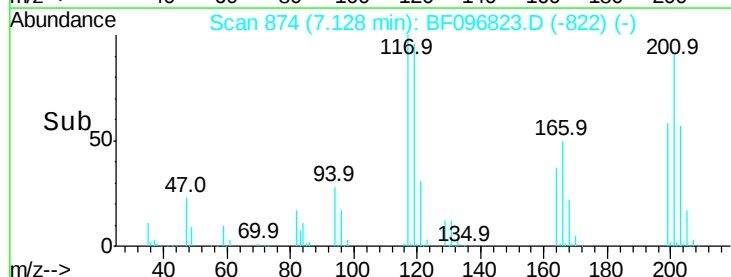
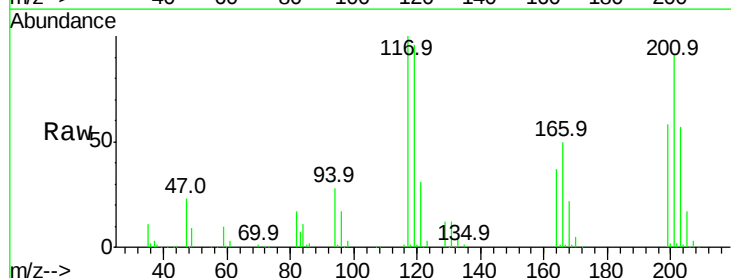
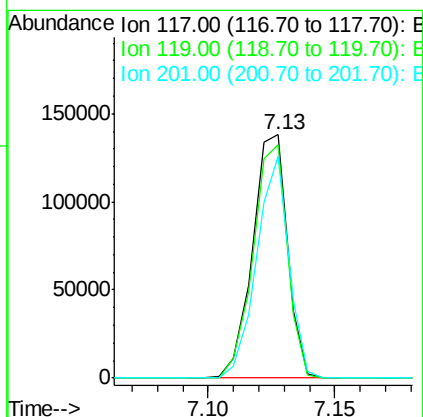
Manual Integrations
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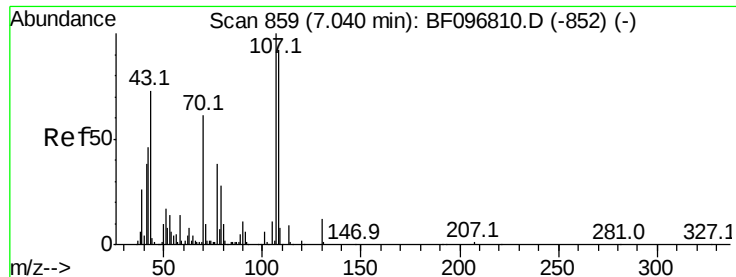
mohammad
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#18
Hexachloroethane
Concen: 38.733 ng
RT: 7.13 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	91.3	94.6	141.8#





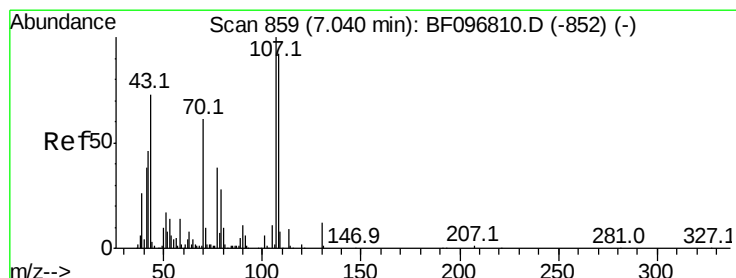
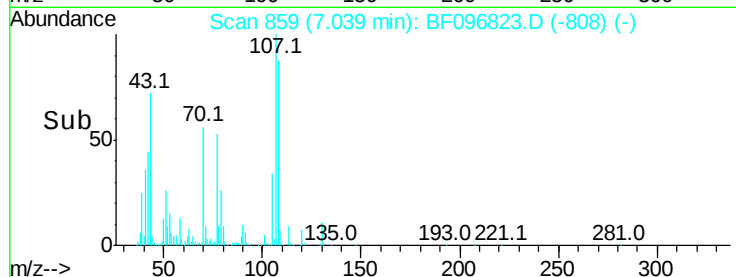
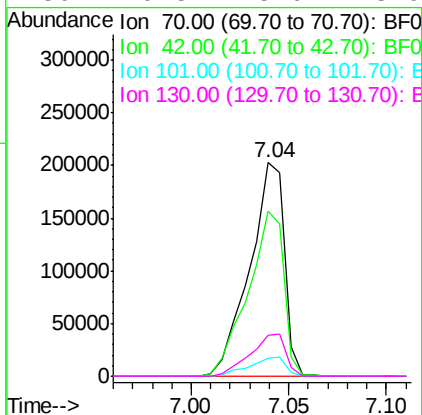
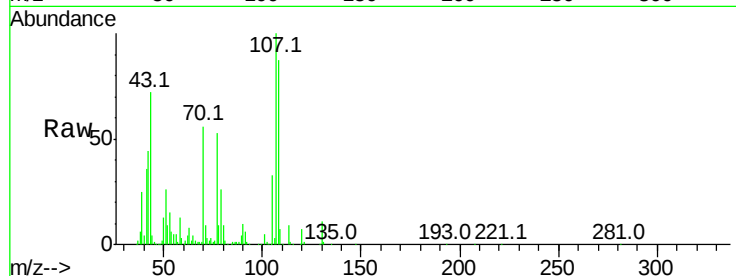
#19
n-Nitroso-di-n-propylamine
Concen: 41.612 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		250721		
42	77.5	47.2		70.8#	
101	8.6	7.2		10.8	
130	19.5	15.9		23.9	

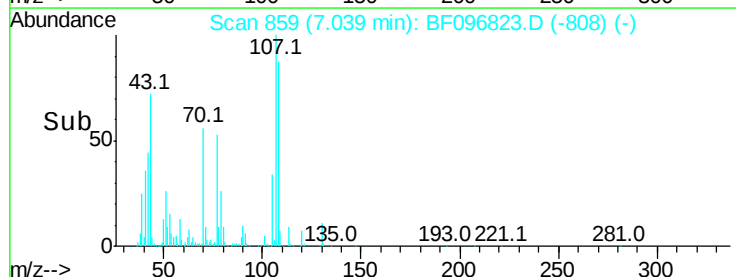
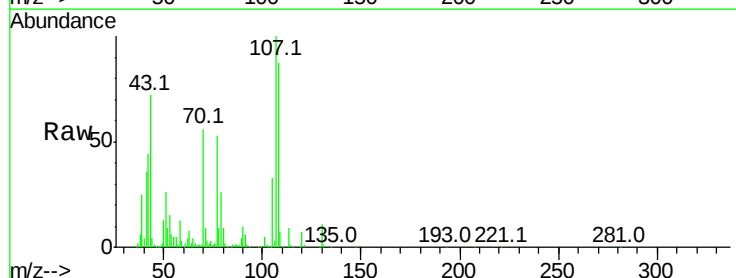
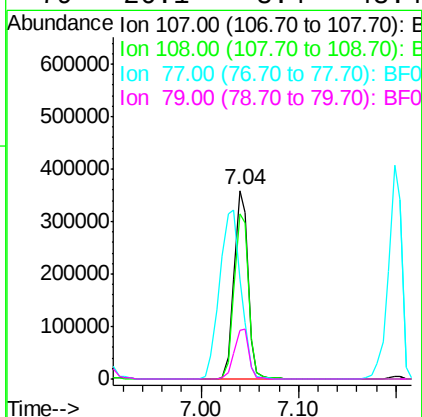
Manual Integrations
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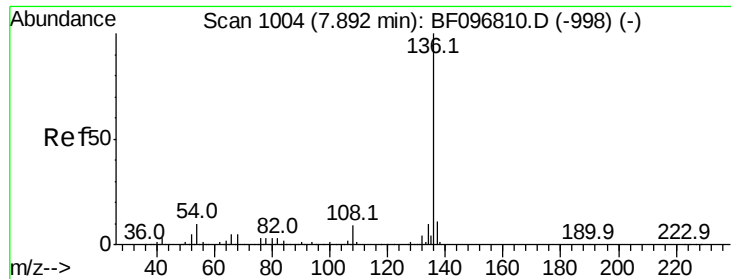
mohammad
7/20/2017 8:38:22 AM



#20
3+4-Methylphenols
Concen: 42.305 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		358916		
108	87.4	71.0		111.0	
77	53.1	90.5		130.5#	
79	26.1	8.4		48.4	





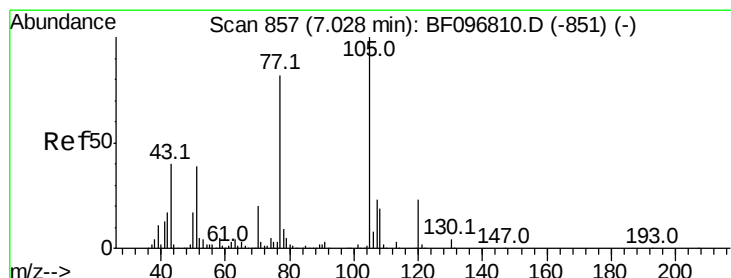
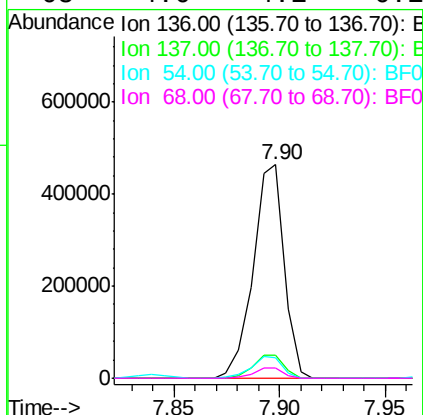
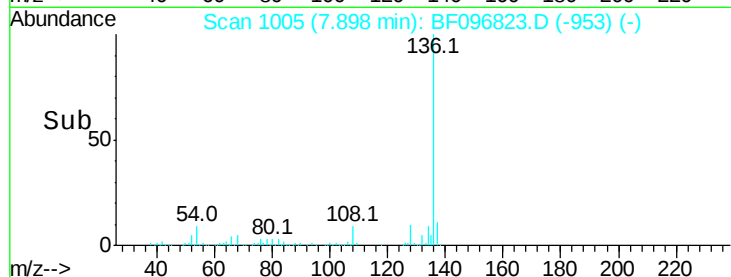
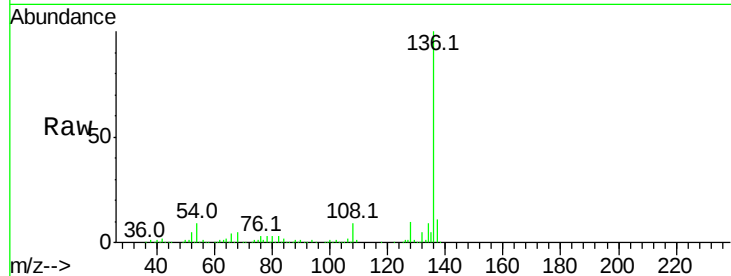
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	476075		
137	11.0	8.5	12.7	
54	9.4	4.9	7.3	
68	4.6	4.1	6.1	

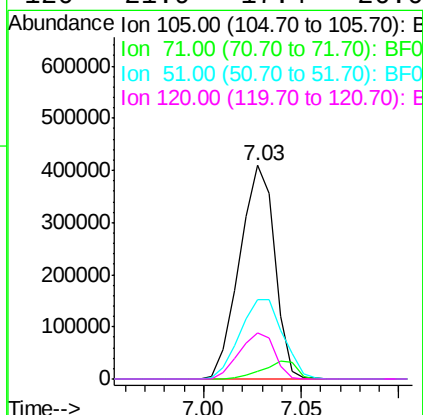
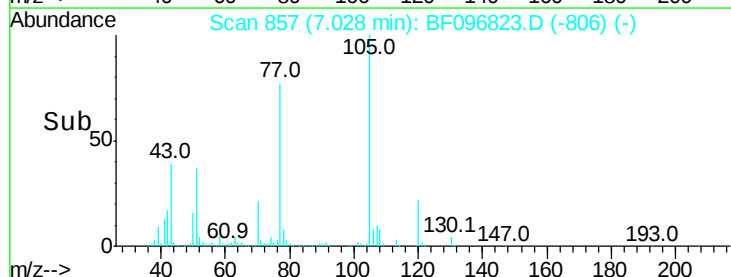
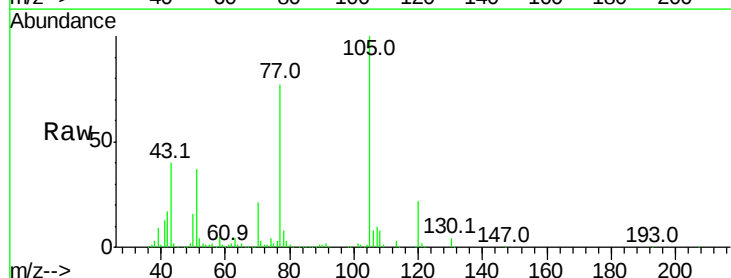
Manual Integrations
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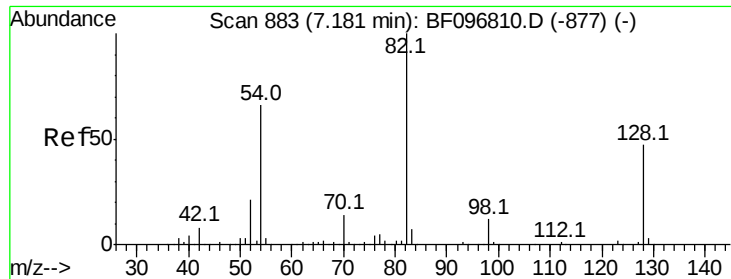
mohammad
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#22
Acetophenone
Concen: 47.968 ng
RT: 7.03 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	510396		
71	3.3	2.8	4.2	
51	37.1	30.7	46.1	
120	21.9	17.4	26.0	





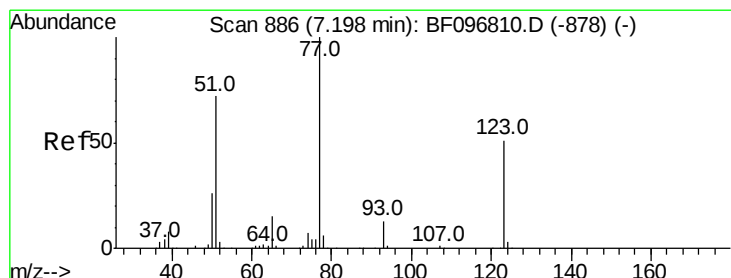
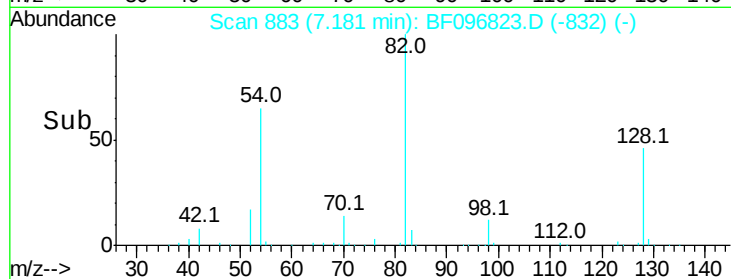
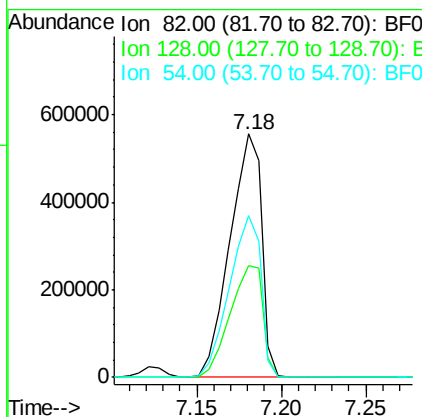
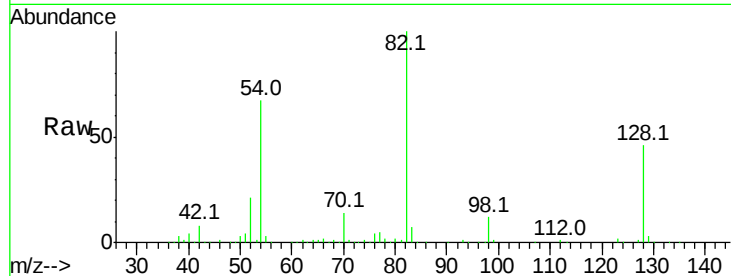
#23
 Nitrobenzene-d5
 Concen: 94.420 ng
 RT: 7.18 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	66.6	42.2	63.2

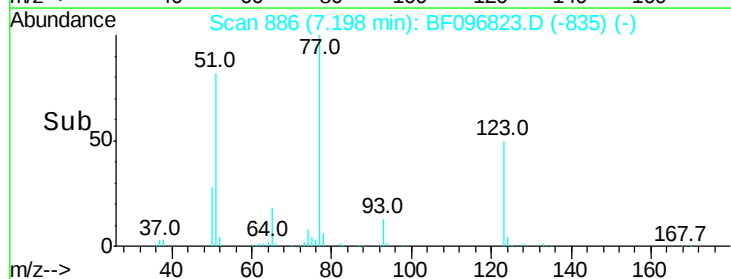
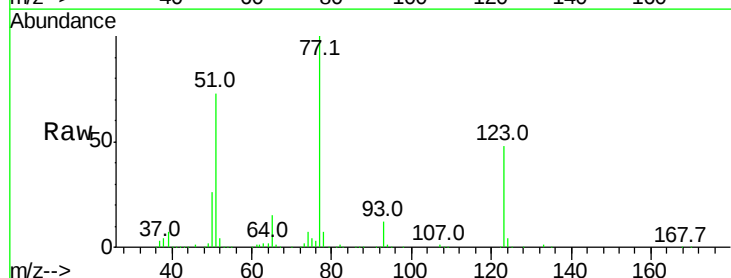
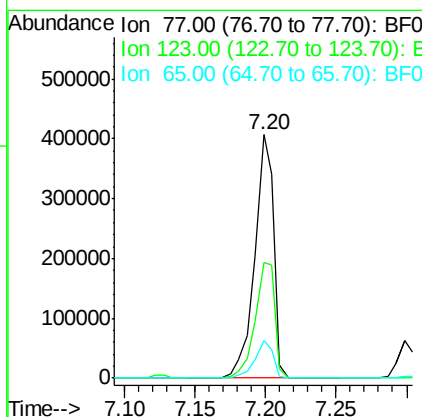
Manual Integrations
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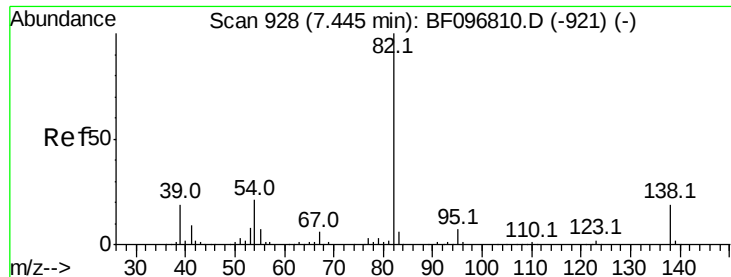
mohammad
 7/20/2017 8:38:22 AM



#24
 Nitrobenzene
 Concen: 48.378 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.8	53.8
65	15.4	10.6	15.8





#25

Isophorone

Concen: 47.390 ng

RT: 7.45 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

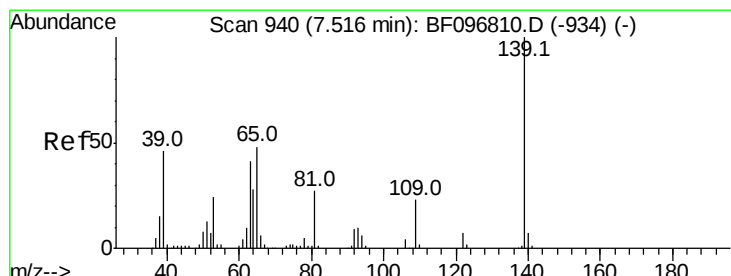
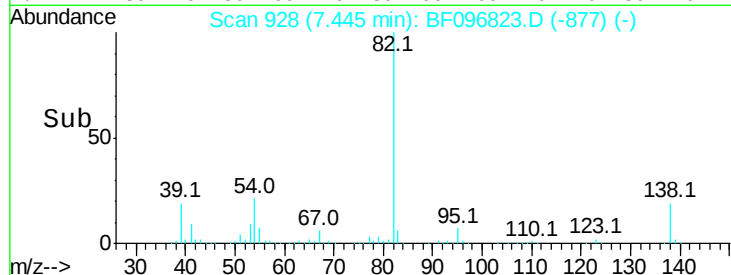
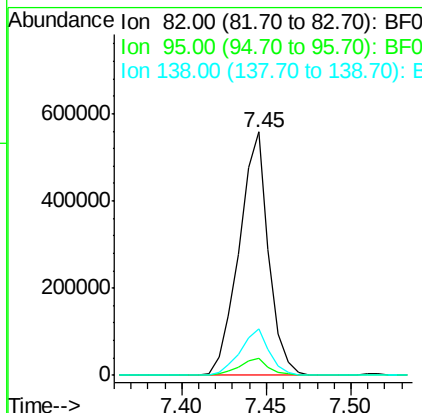
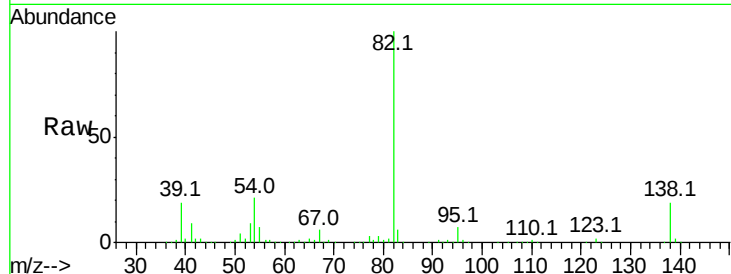
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	82	Resp:	677584
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.0	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.803 ng

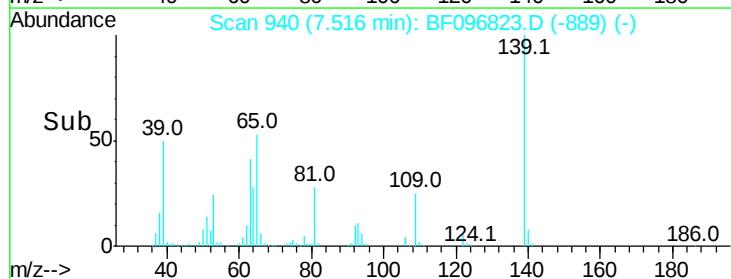
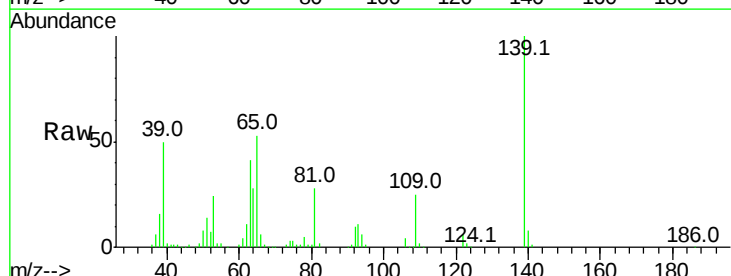
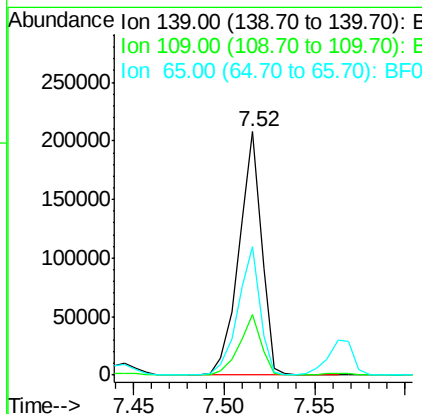
RT: 7.52 min Scan# 940

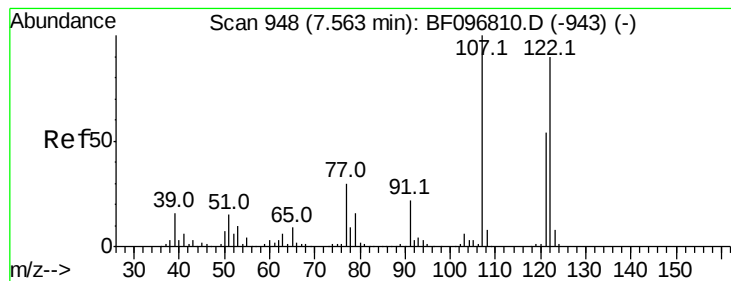
Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	139	Resp:	180348
Ion Ratio	Lower	Upper	
139	100		
109	24.9	21.0	31.6
65	52.6	33.0	49.6#





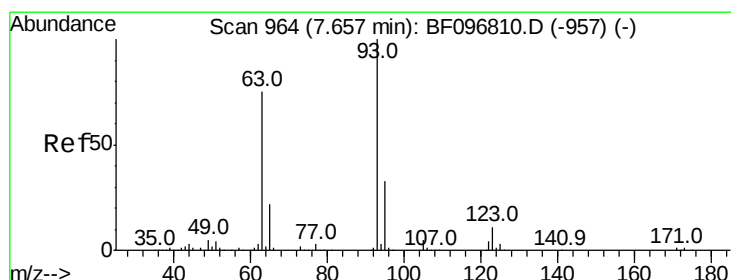
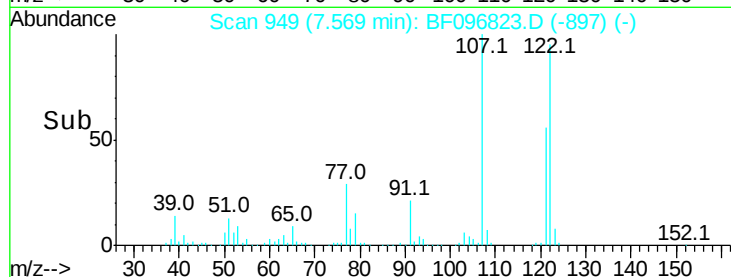
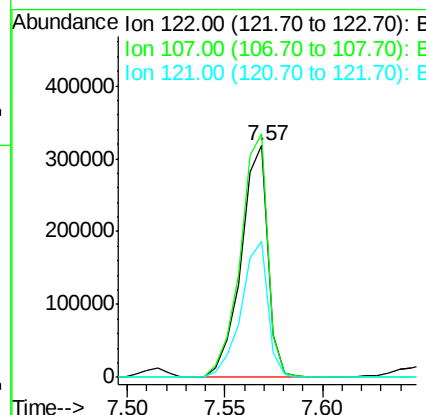
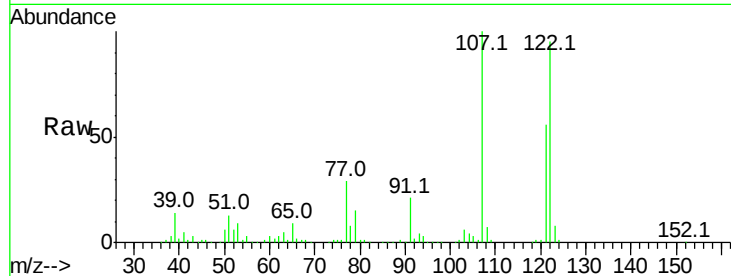
#27
2,4-Dimethylphenol
Concen: 41.956 ng
RT: 7.57 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.1	89.2	133.8
121	58.6	45.2	67.8

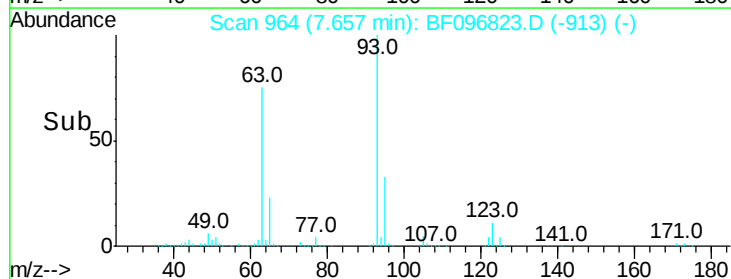
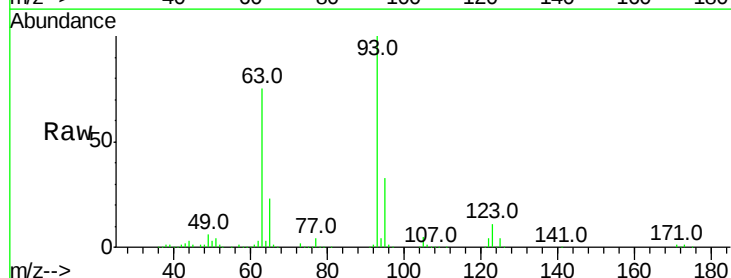
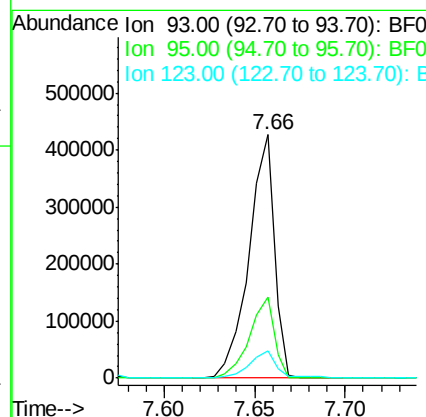
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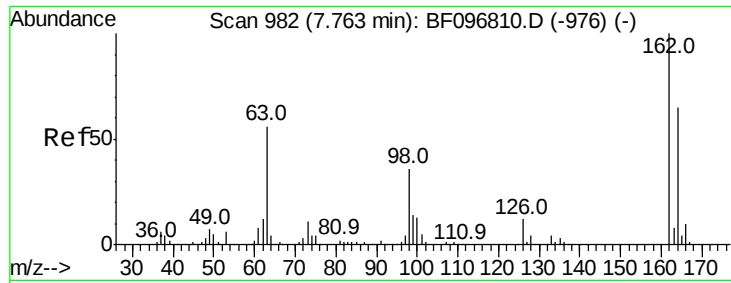
mohammad
7/20/2017 8:38:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.904 ng
RT: 7.66 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.2	9.0	13.4





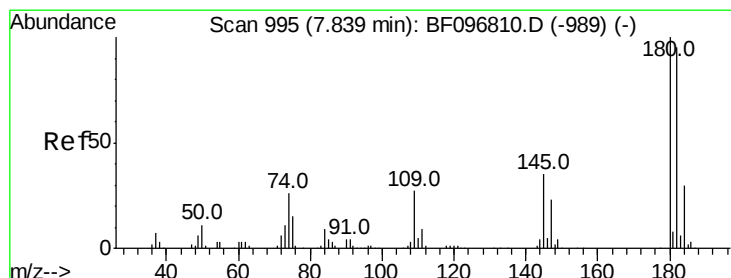
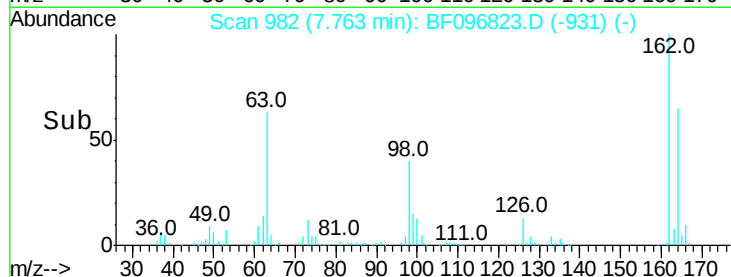
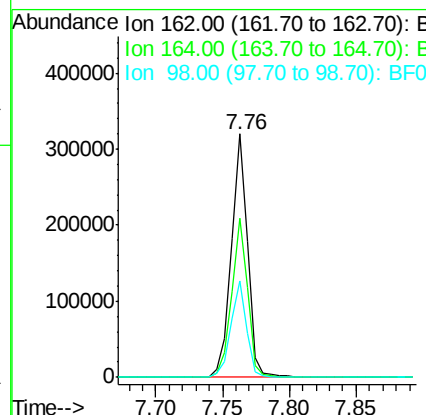
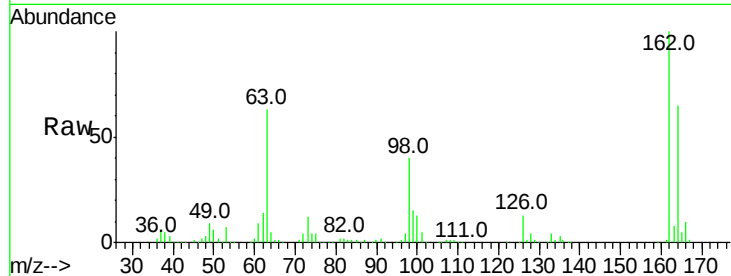
#29
2,4-Dichlorophenol
Concen: 42.052 ng
RT: 7.76 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	276787		
164	65.4	44.6	84.6	
98	39.6	14.8	54.8	

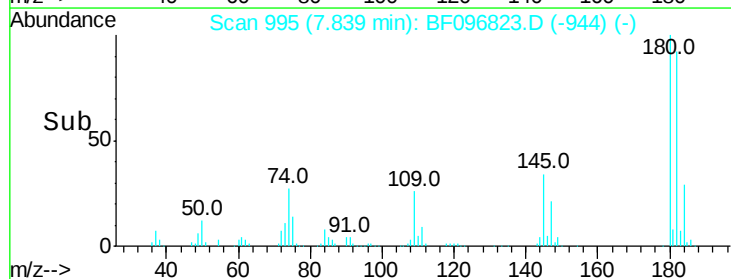
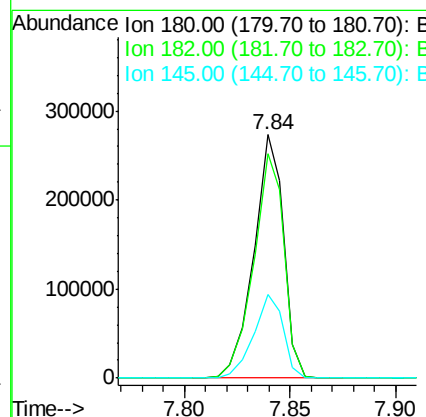
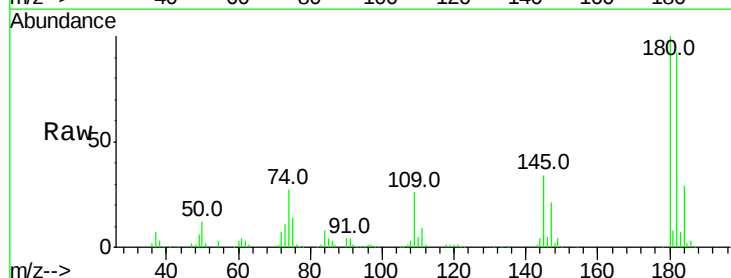
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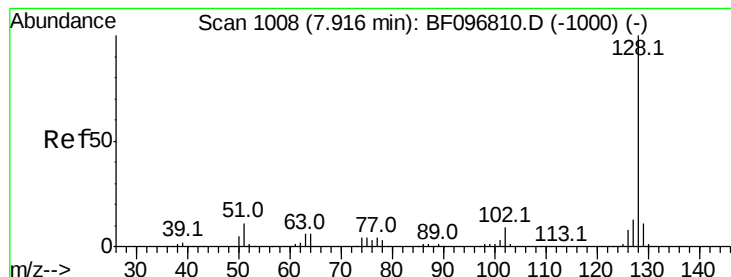
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.698 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267214		
182	92.3	75.8	113.6	
145	34.3	25.3	37.9	





#31

Naphthalene

Concen: 42.297 ng

RT: 7.92 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

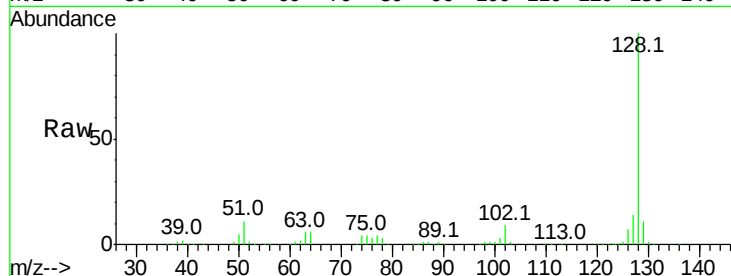
ClientSampleId :

FK-PS-01-012MSD

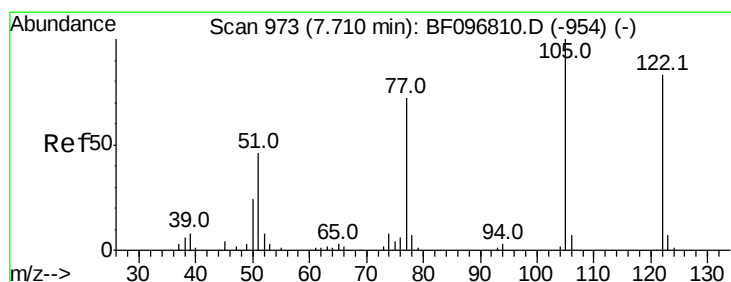
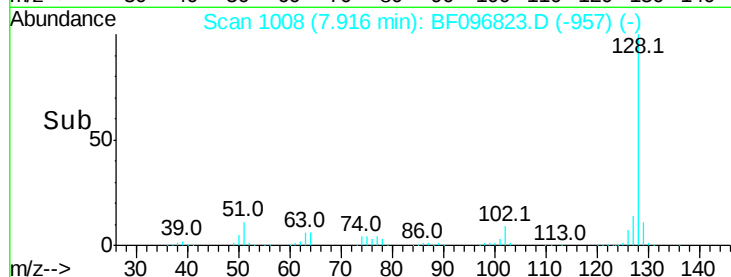
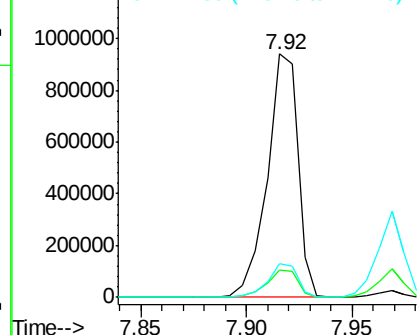
Tot Ion:	128	Resp:	953917
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.0	13.6
127	13.6	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.230 ng

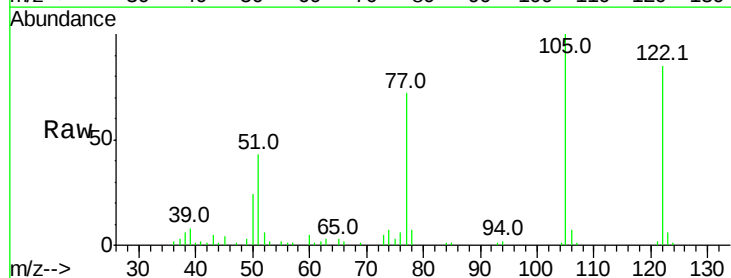
RT: 7.69 min Scan# 969

Delta R.T. -0.02 min

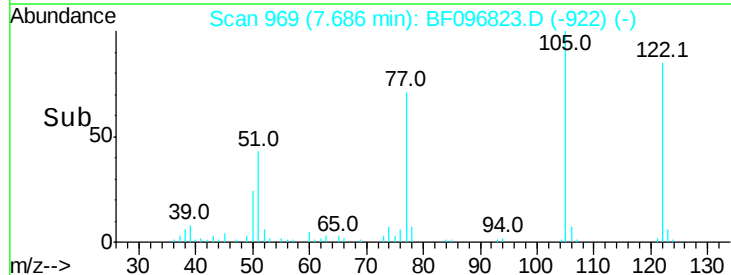
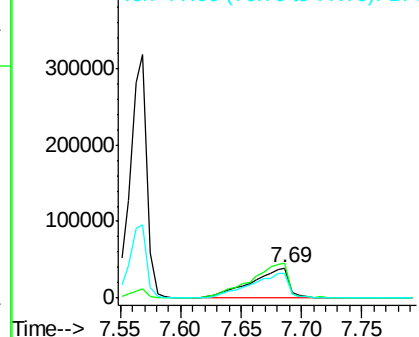
Lab File: BF096823.D

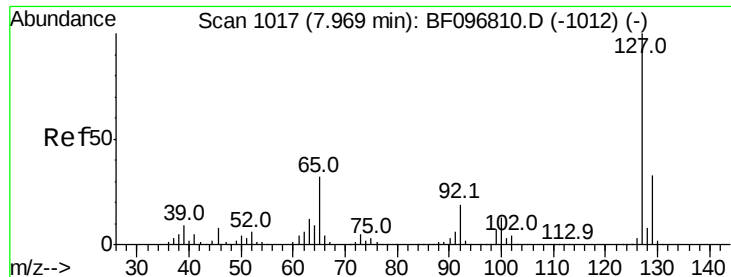
Acq: 17 Jul 2017 16:59

Tgt Ion:	122	Resp:	84725
Ion Ratio	Lower	Upper	
122	100		
105	118.1	103.3	143.3
77	84.6	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





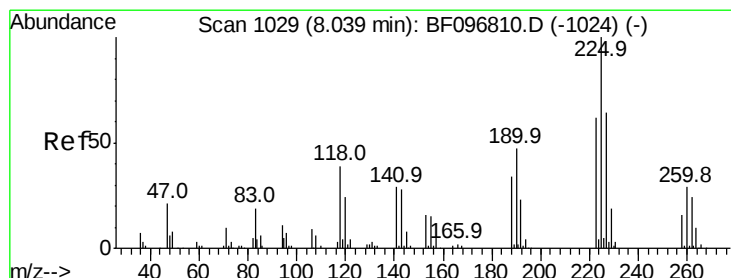
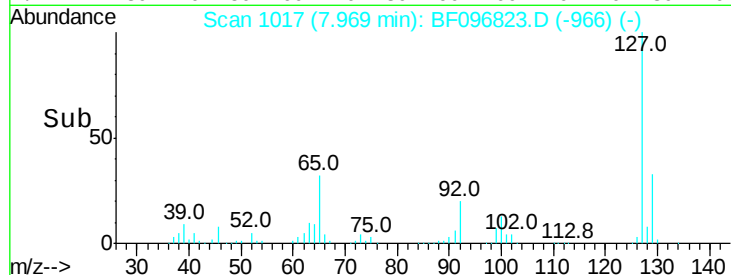
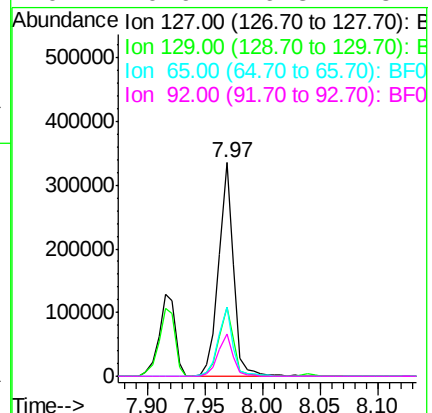
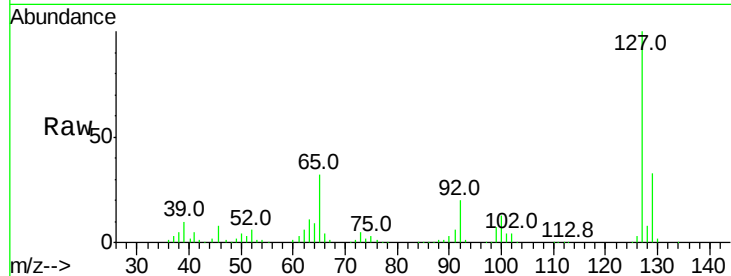
#33
4-Chloroaniline
Concen: 33.527 ng
RT: 7.97 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100	299574		
129	32.5		26.2	39.2
65	32.1		27.8	41.8
92	19.9		16.8	25.2

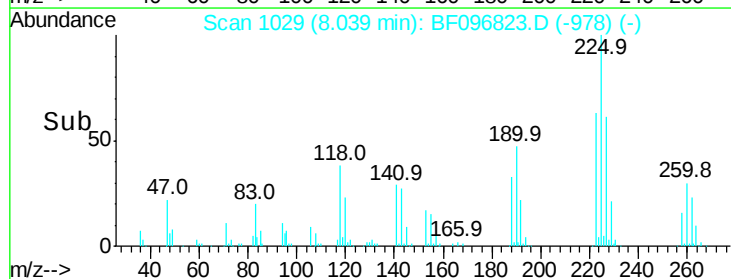
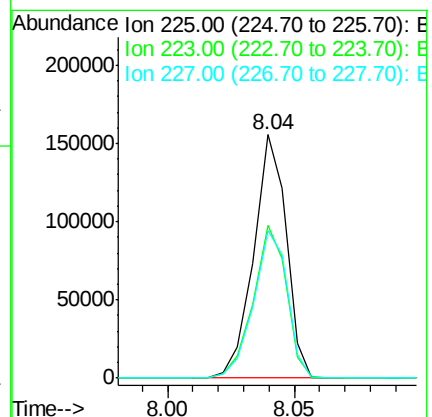
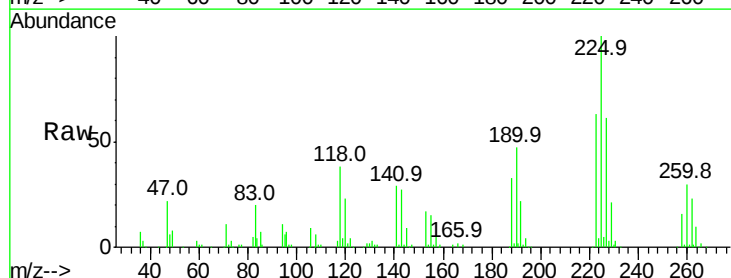
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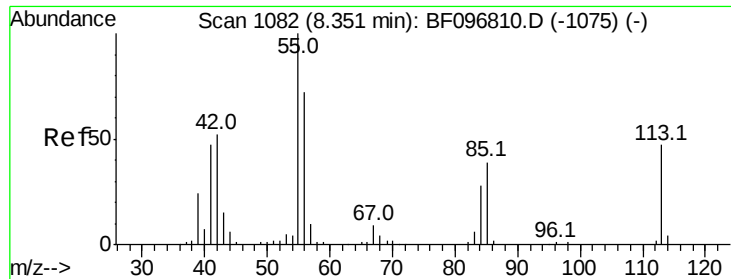
mohammad
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#34
Hexachlorobutadiene
Concen: 41.890 ng
RT: 8.04 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139948		
223	62.9		48.8	73.2
227	60.6		51.1	76.7





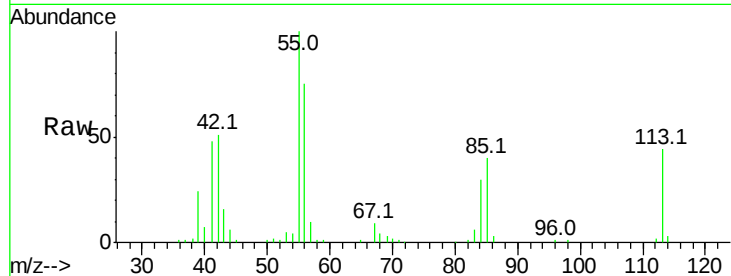
#35
 Caprolactam
 Concen: 41.573 ng/ml
 RT: 8.35 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

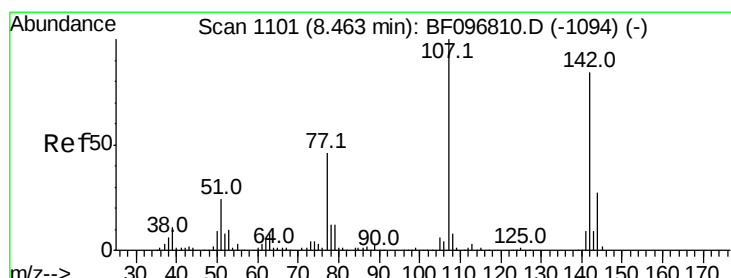
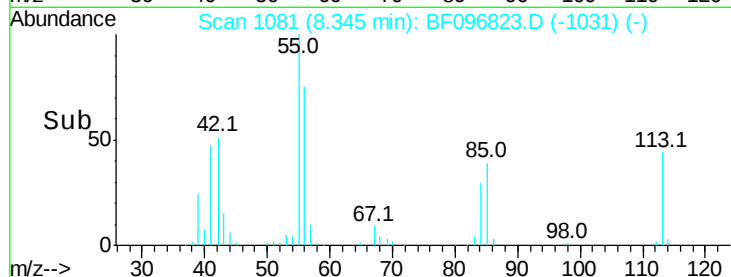
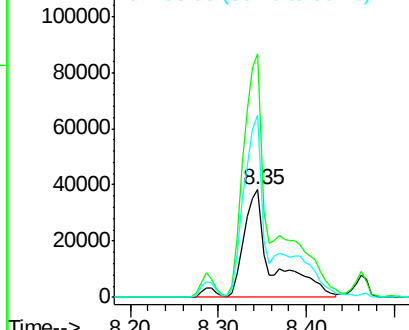
Tot Ion:113 Resp: 87679
 Ion Ratio Lower Upper
 113 100
 55 225.9 150.2 190.2#
 56 168.7 107.8 147.8#

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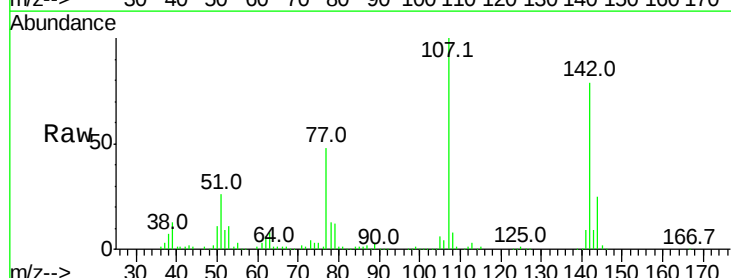


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

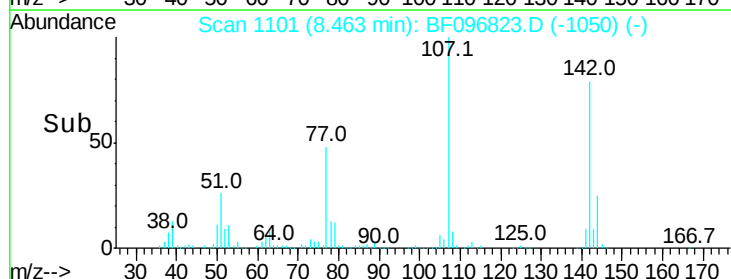
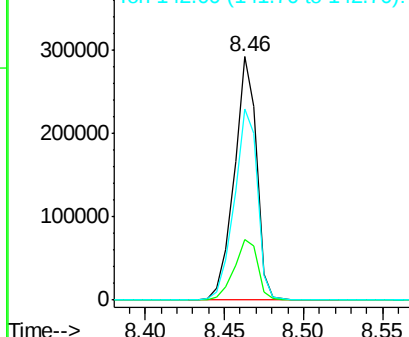


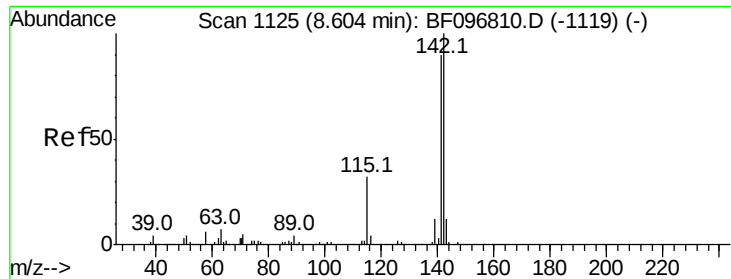
#36
 4-Chloro-3-methylphenol
 Concen: 40.306 ng/ml
 RT: 8.46 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion:107 Resp: 285262
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 78.5 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





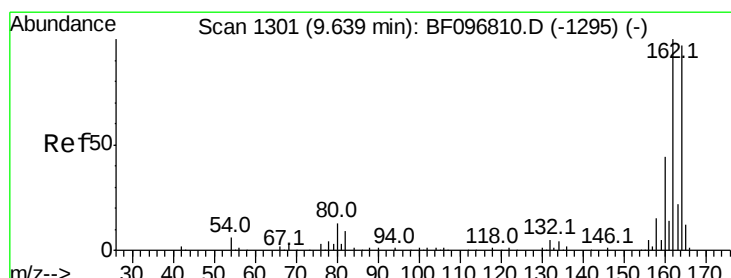
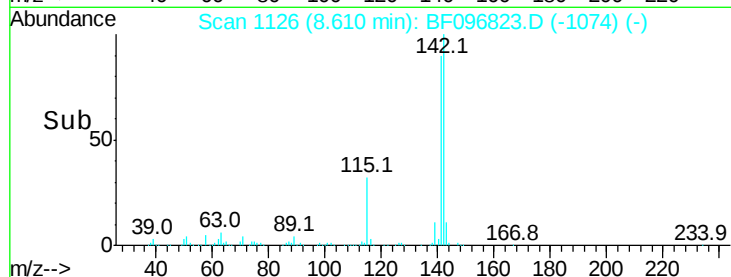
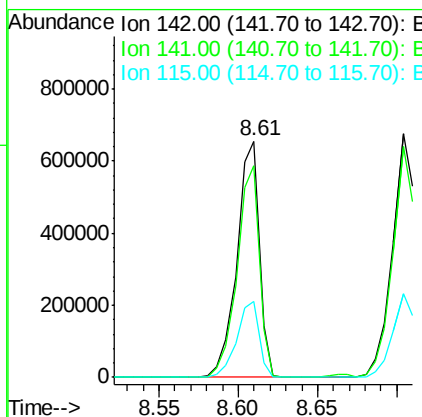
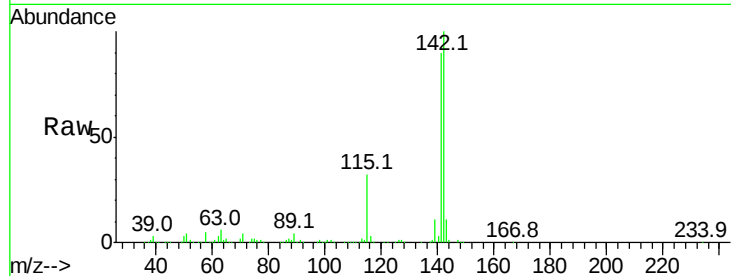
#37
2-Methylnaphthalene
Concen: 44.765 ng
RT: 8.61 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	32.0	27.1	40.7

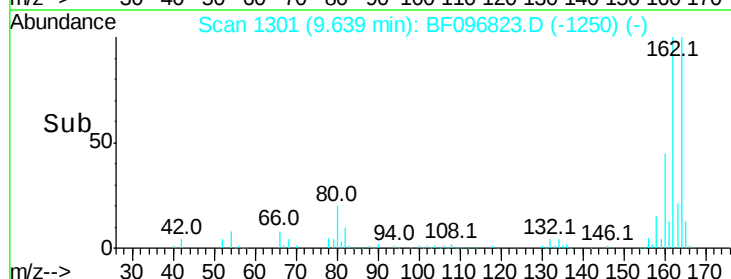
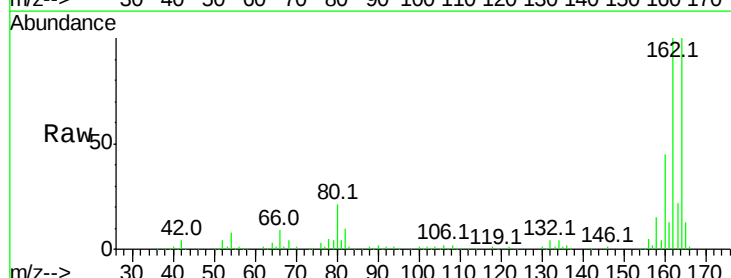
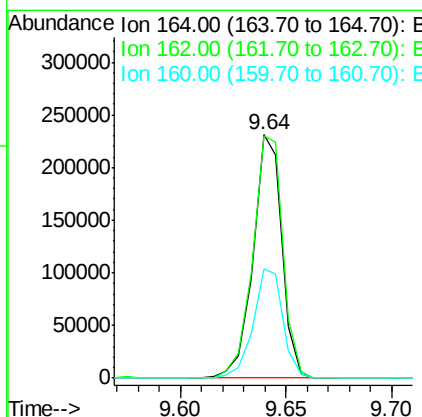
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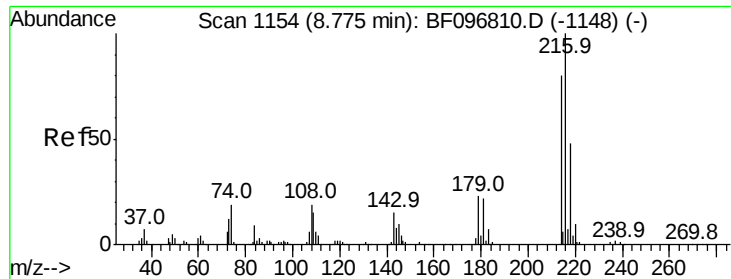
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	123.8
160	45.0	36.2	54.2





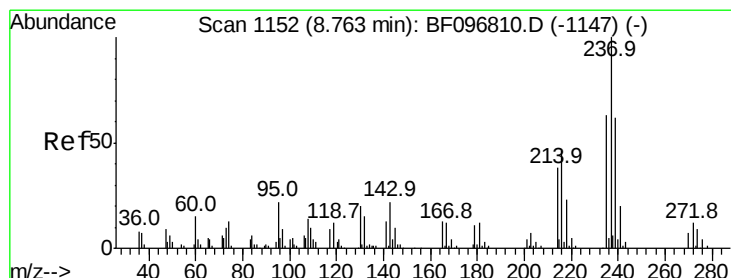
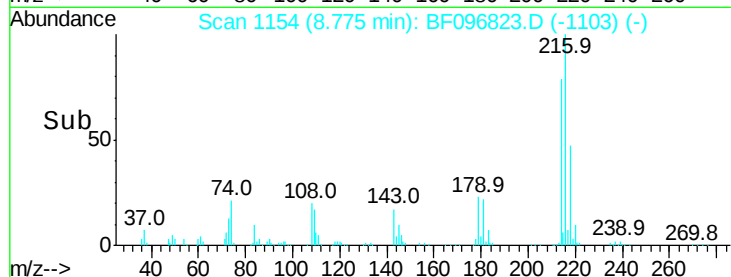
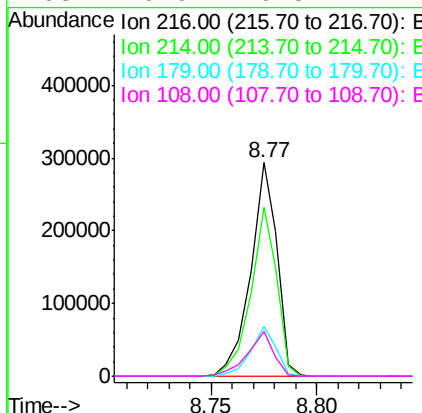
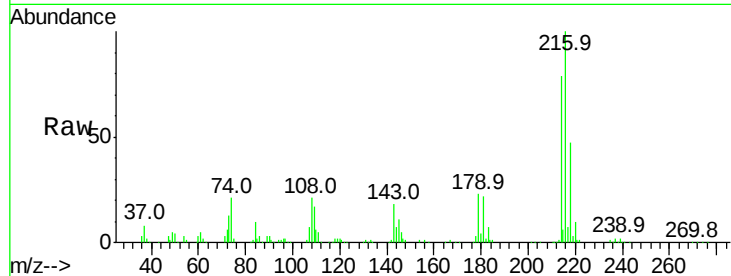
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.040 ng
 RT: 8.77 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	254551		
214	77.8	63.4	95.2	
179	22.6	17.9	26.9	
108	20.9	16.5	24.7	

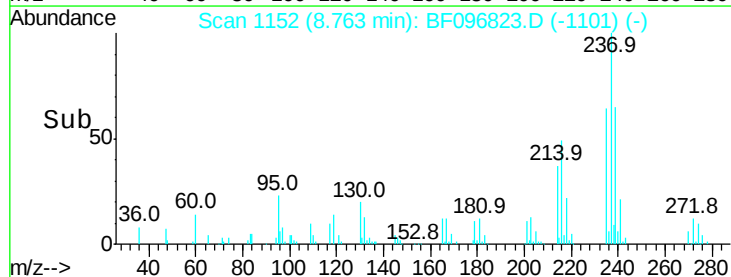
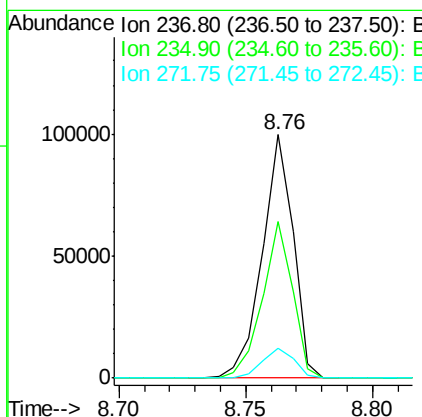
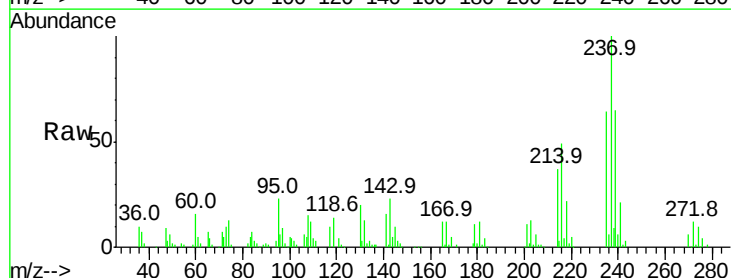
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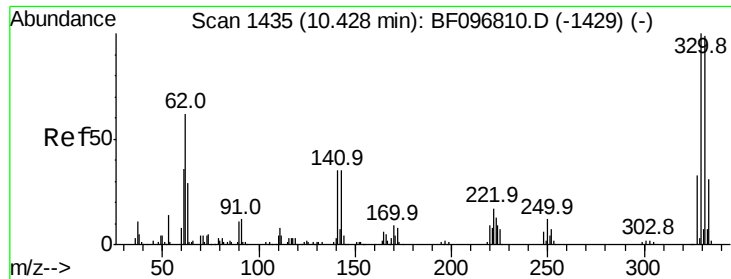
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 41.053 ng
 RT: 8.76 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	85562		
235	64.4	42.6	82.6	
272	12.1	0.0	31.9	





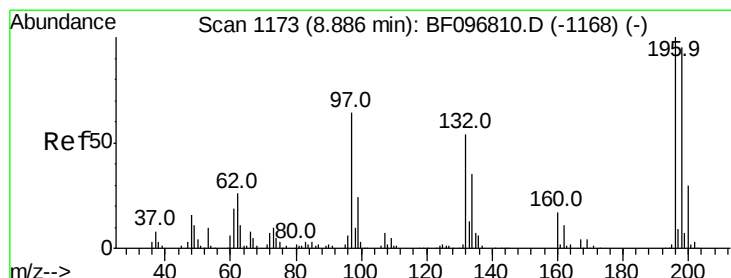
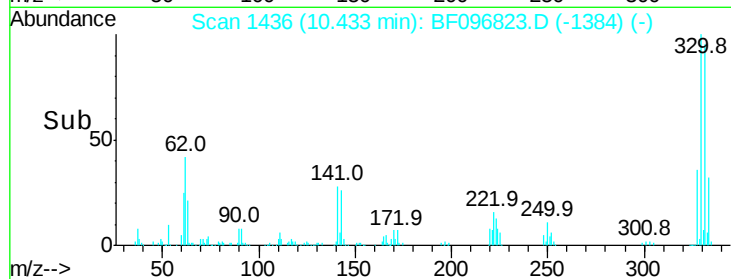
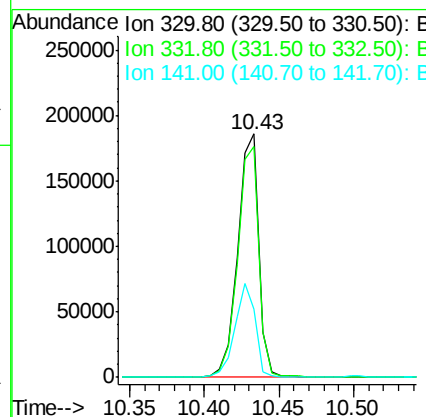
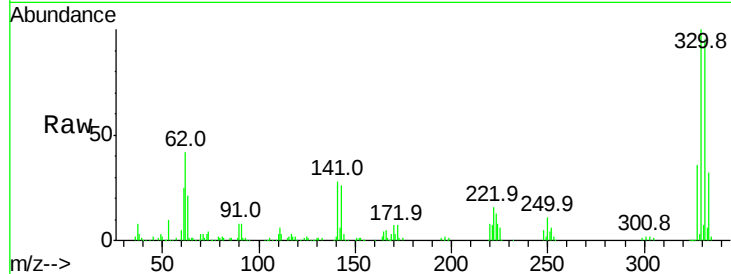
#41
 2,4,6-Tribromophenol
 Concen: 99.204 ng
 RT: 10.43 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	115.0	
141	37.7	31.4	47.2	

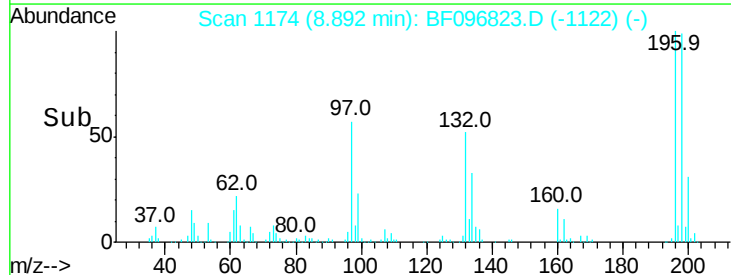
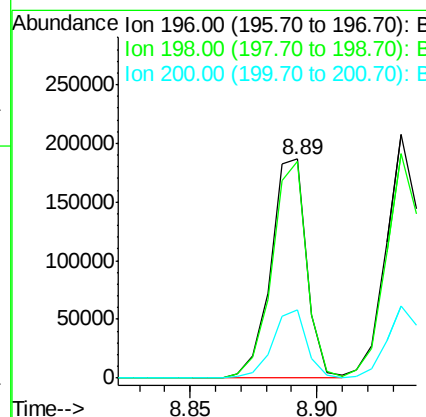
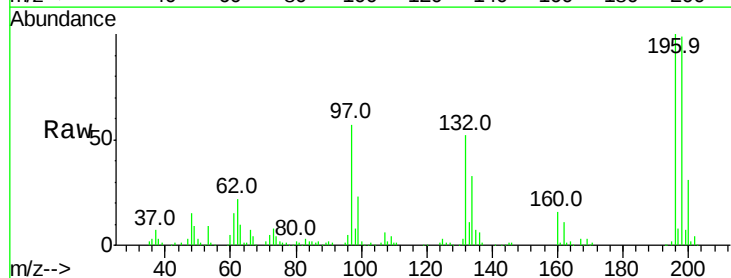
Manual Integrations
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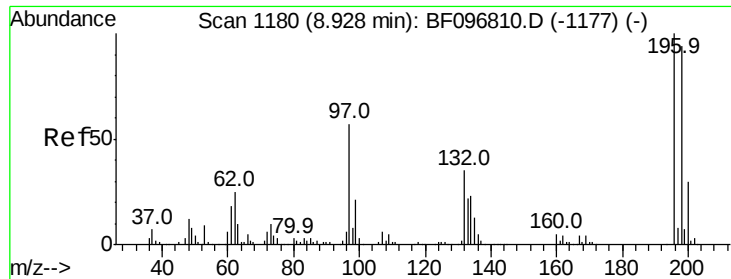
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 42.574 ng
 RT: 8.89 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.1	74.2	111.4	
200	31.0	24.0	36.0	





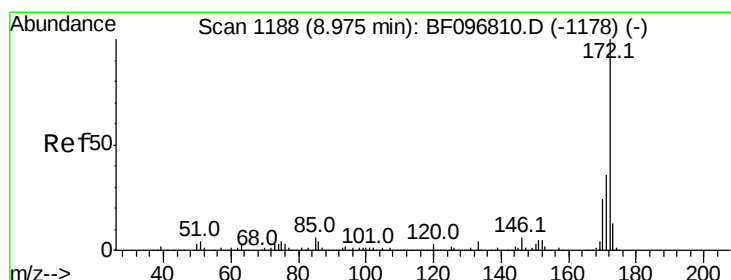
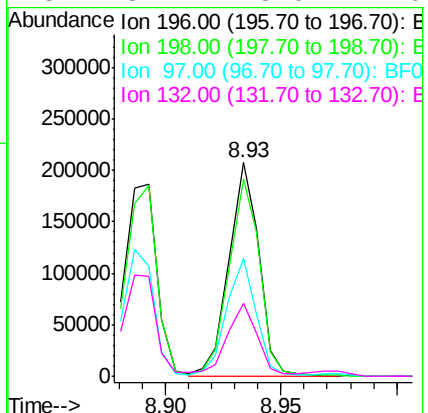
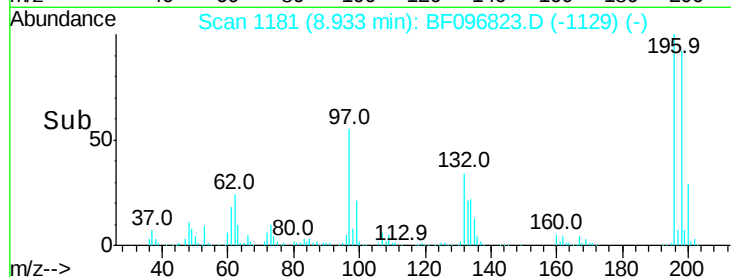
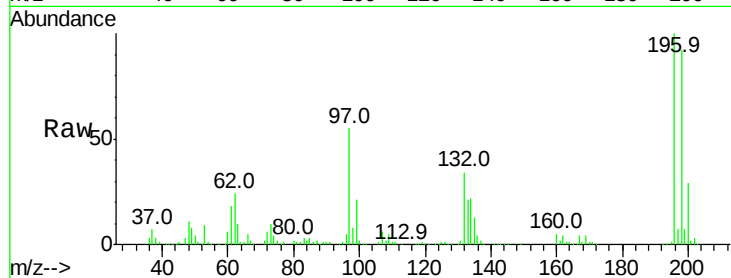
#43
 2,4,5-Trichlorophenol
 Concen: 42.698 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	196	Resp	187862
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.7	113.5
97	54.9	47.7	71.5
132	34.1	28.0	42.0

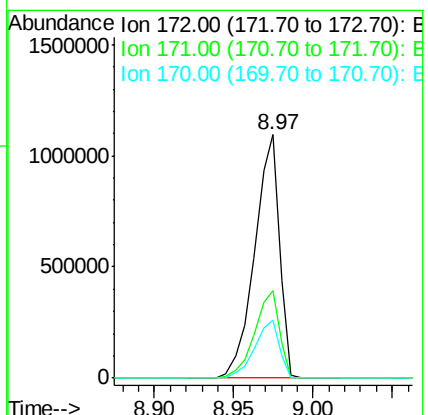
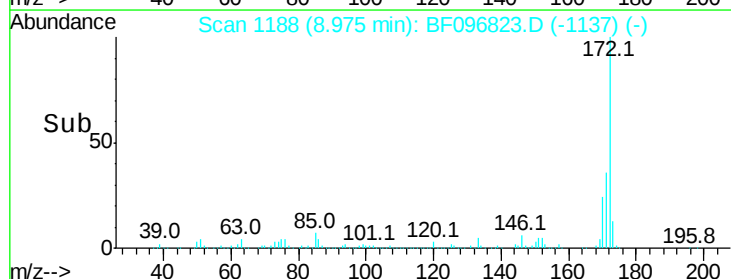
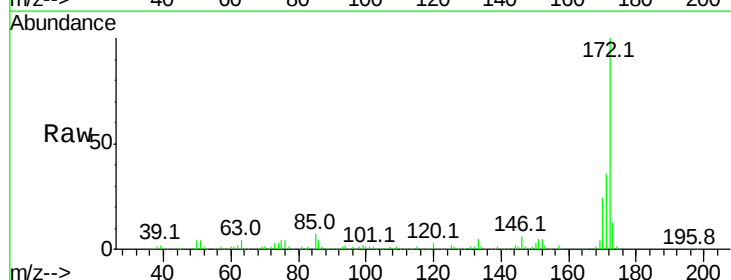
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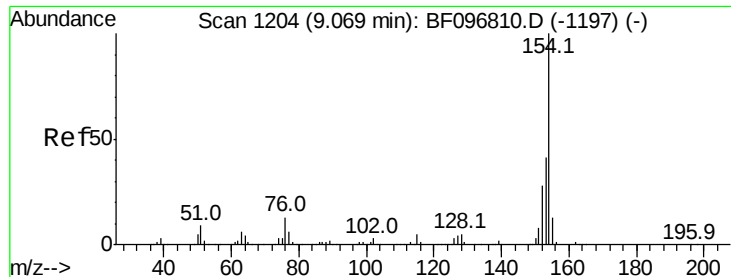
mohammad
 7/20/2017 8:38:22 AM



#44
 2-Fluorobiphenyl
 Concen: 86.149 ng
 RT: 8.97 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	172	Resp	1192983
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.6	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.125 ng

RT: 9.07 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

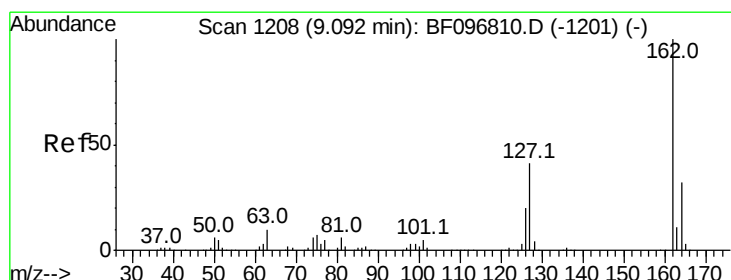
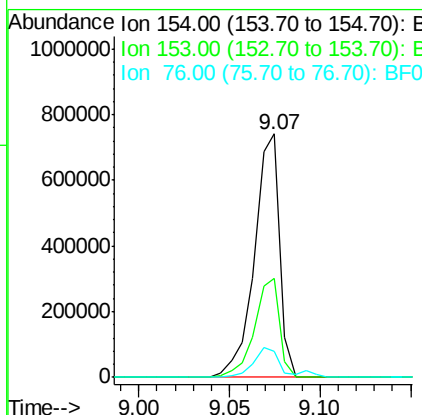
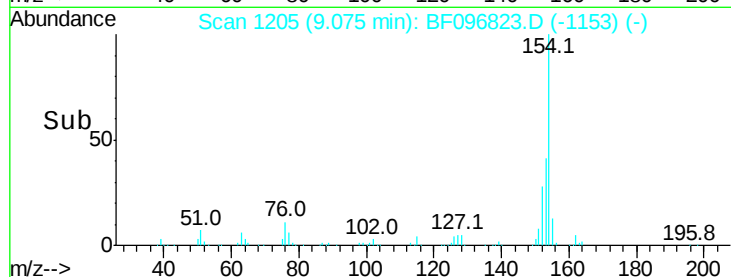
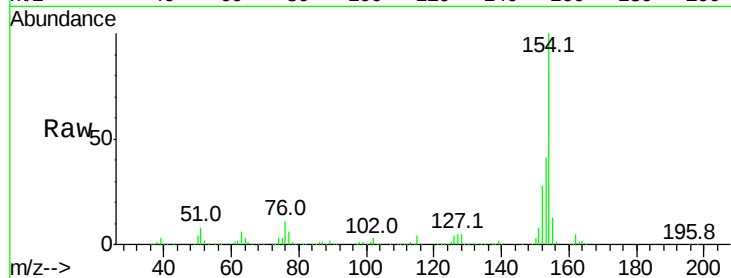
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	154	Resp:	715372
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	10.8	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 39.195 ng

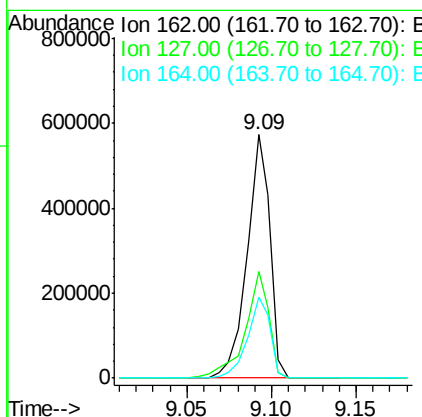
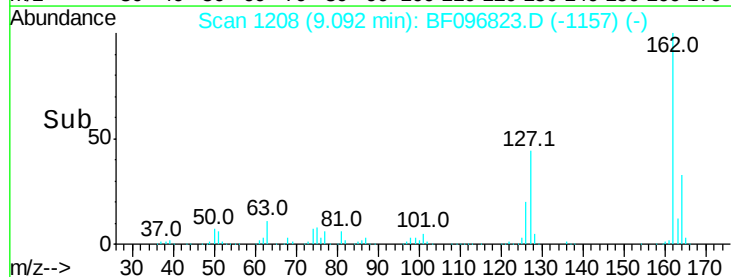
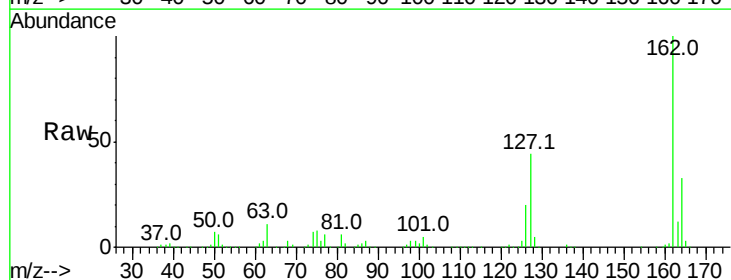
RT: 9.09 min Scan# 1208

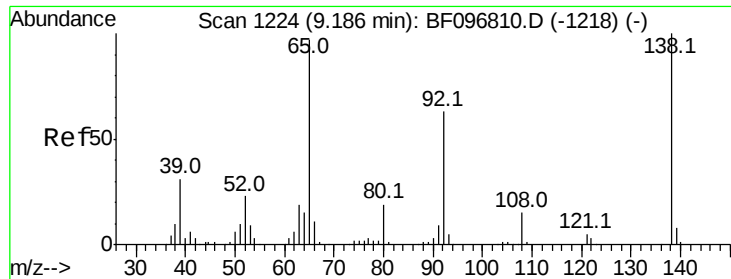
Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	162	Resp:	541557
Ion Ratio	Lower	Upper	
162	100		
127	43.9	28.3	42.5#
164	33.4	27.0	40.4





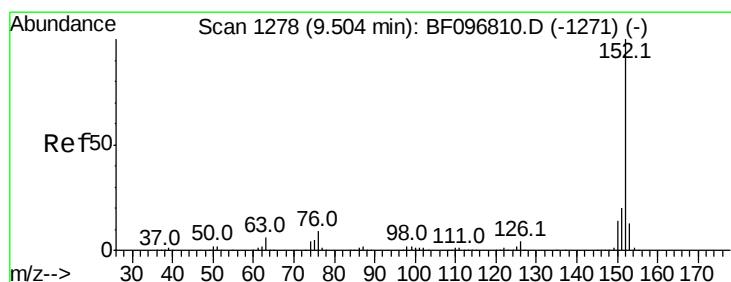
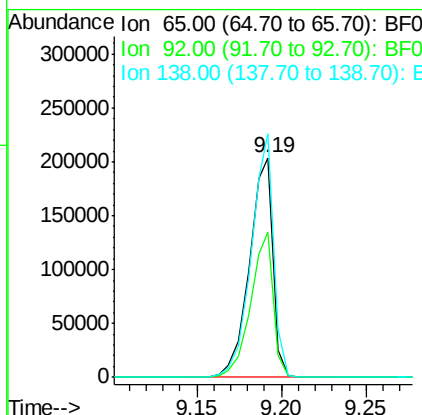
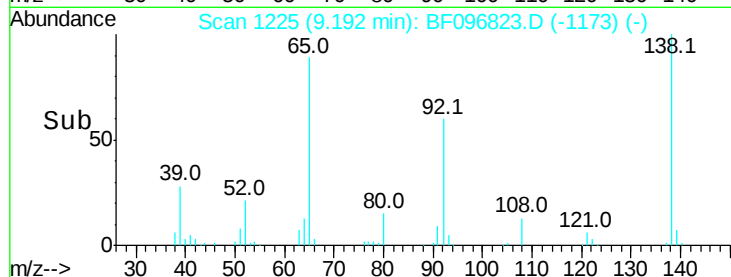
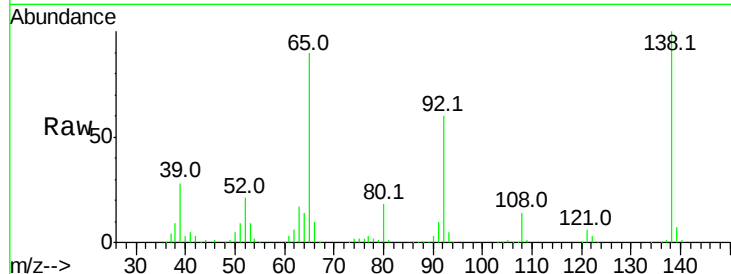
#47
2-Nitroaniline
Concen: 41.795 ng
RT: 9.19 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.9	80.9
138	110.9	78.8	118.2

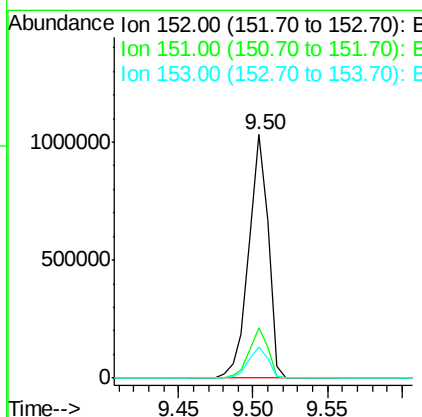
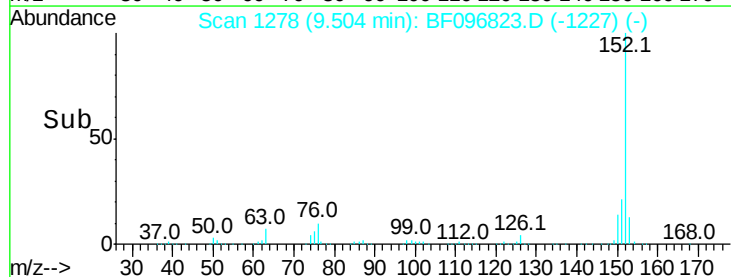
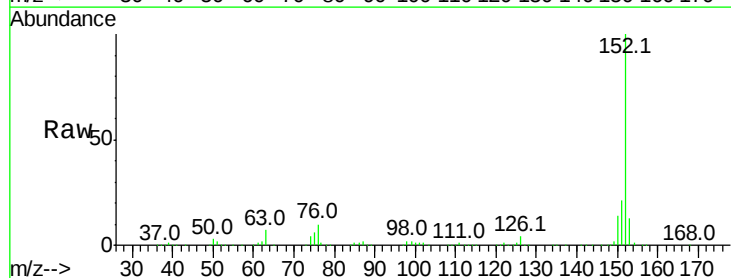
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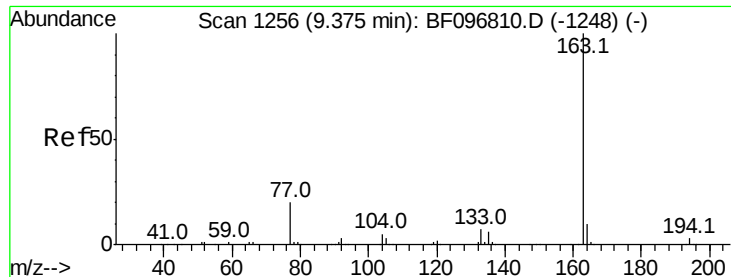
mohammad
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#48
Acenaphthylene
Concen: 42.219 ng
RT: 9.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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





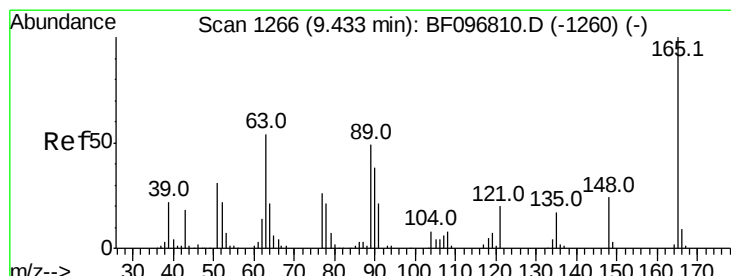
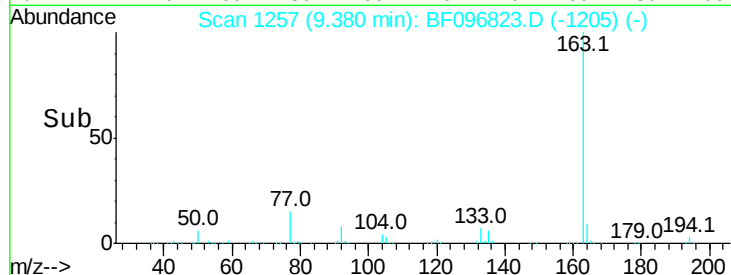
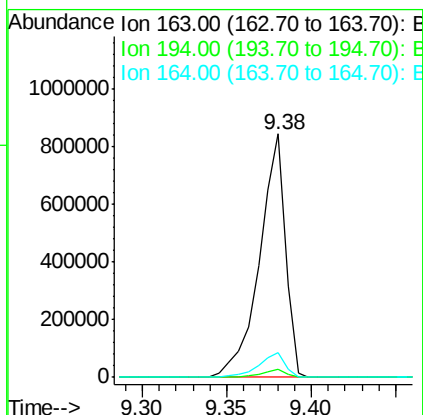
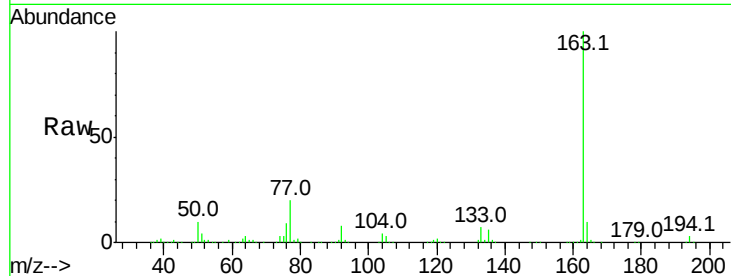
#49
Dimethylphthalate
Concen: 54.506 ng
RT: 9.38 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.1	8.4	12.6	

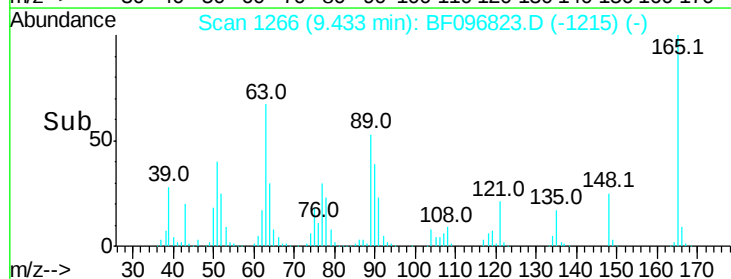
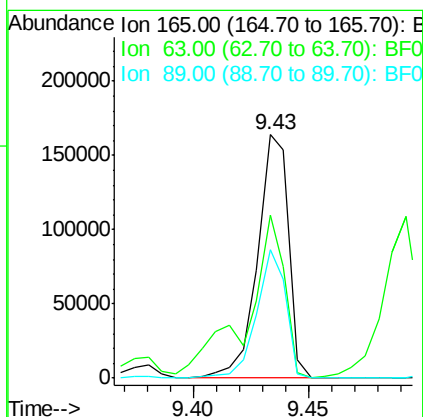
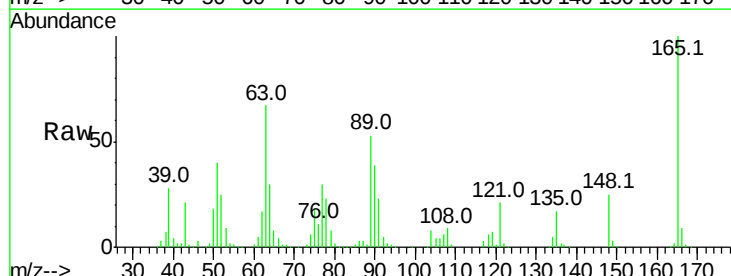
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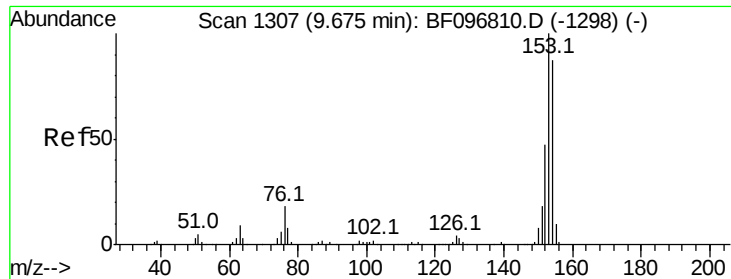
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.022 ng
RT: 9.43 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.9	34.3	51.5#	
89	52.8	37.1	55.7	





#51

Acenaphthene

Concen: 36.423 ng

RT: 9.67 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012MSD

Tot Ion:154 Resp: 473688

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

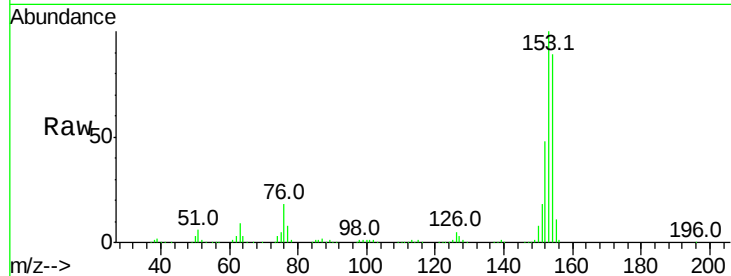
152 54.8 43.6 65.4

Manual Integrations

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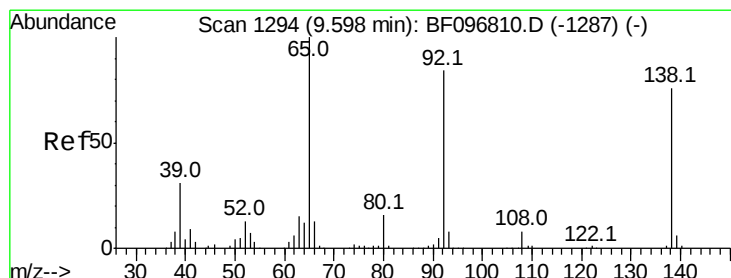
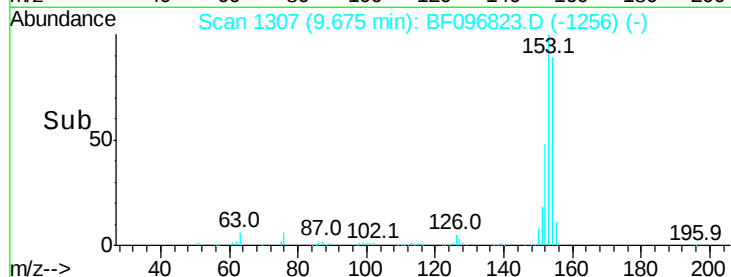
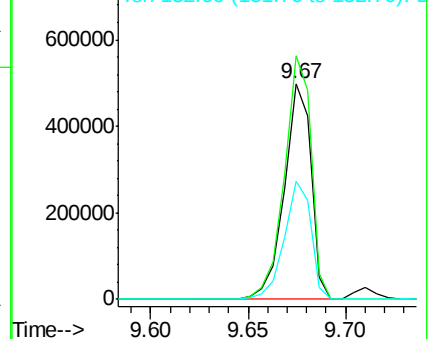
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.793 ng

RT: 9.60 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

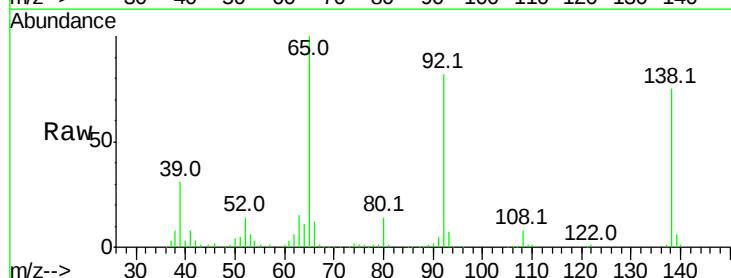
Tgt Ion:138 Resp: 151300

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

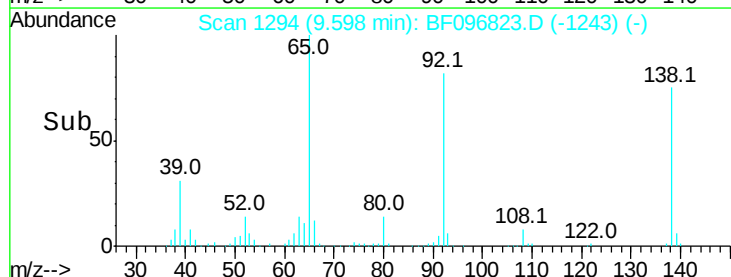
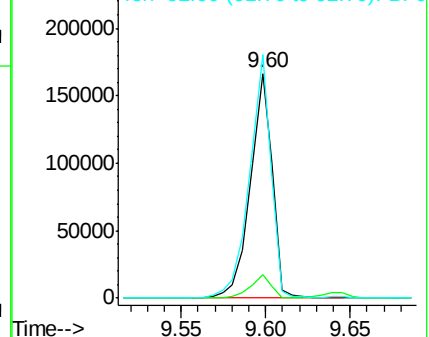
92 108.5 93.8 140.6

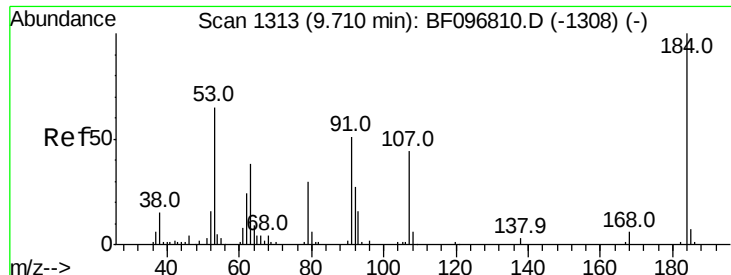


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





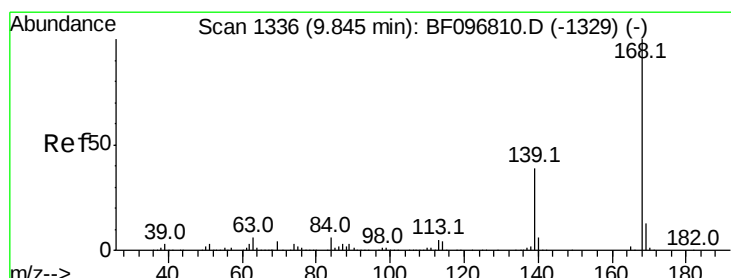
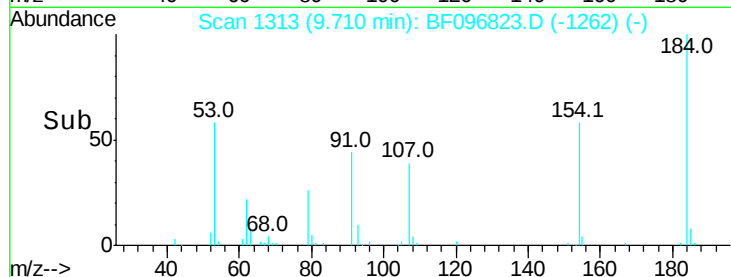
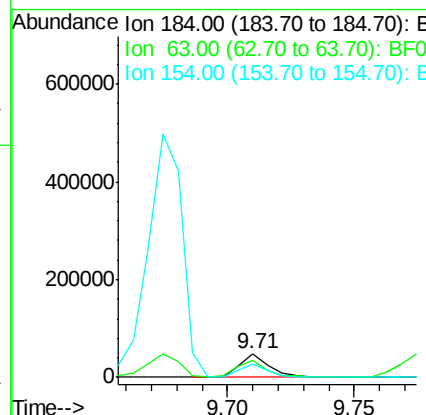
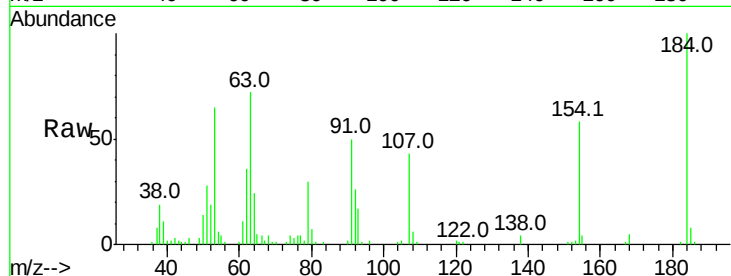
#53
 2,4-Dinitrophenol
 Concen: 26.860 ng
 RT: 9.71 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	38816		
63	72.0		62.7	94.1
154	57.7		81.1	121.7#

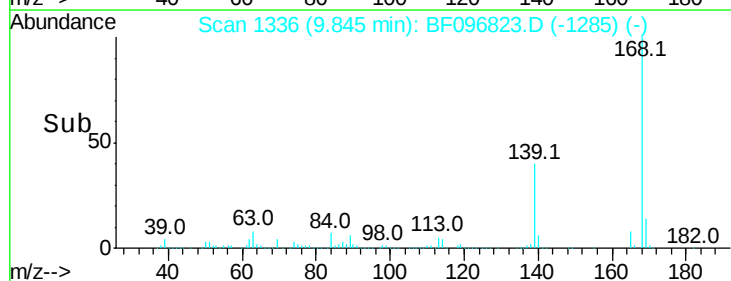
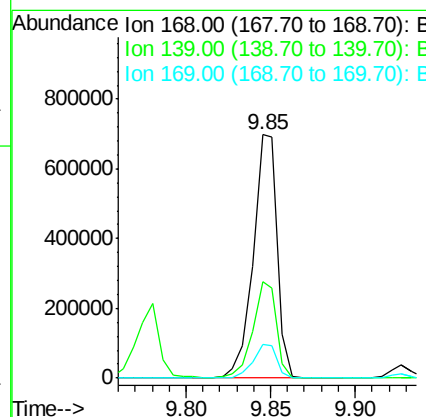
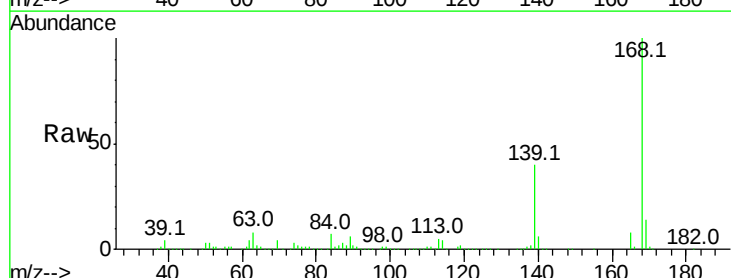
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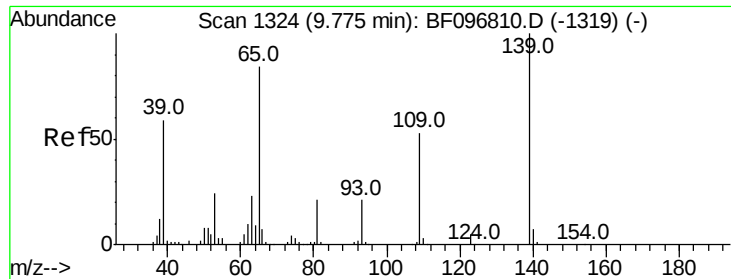
mohammad
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#54
 Dibenzofuran
 Concen: 38.136 ng
 RT: 9.85 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	694998		
139	39.7		30.6	45.8
169	13.8		10.8	16.2





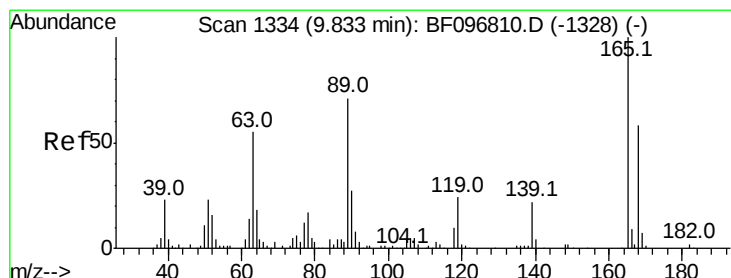
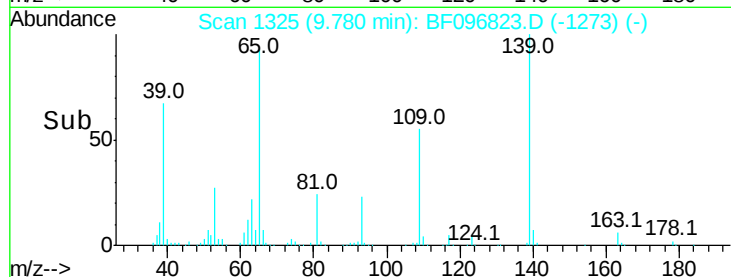
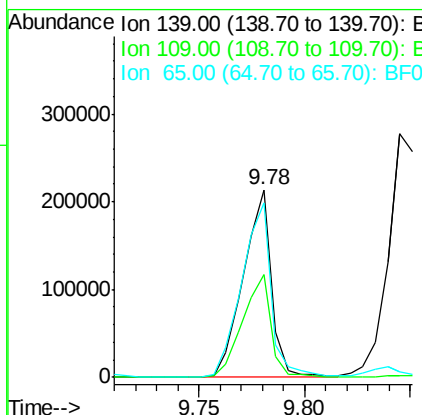
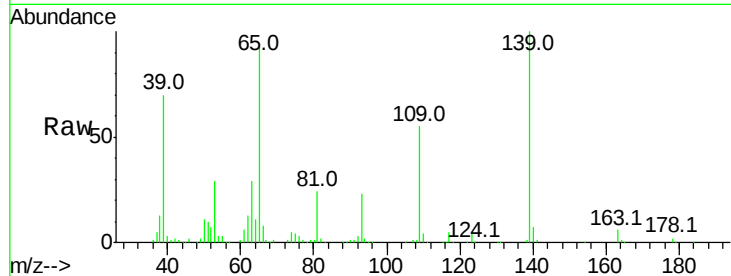
#55
4-Nitrophenol
Concen: 64.257 ng
RT: 9.78 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	54.6	34.1	74.1	
65	93.0	31.4	71.4	

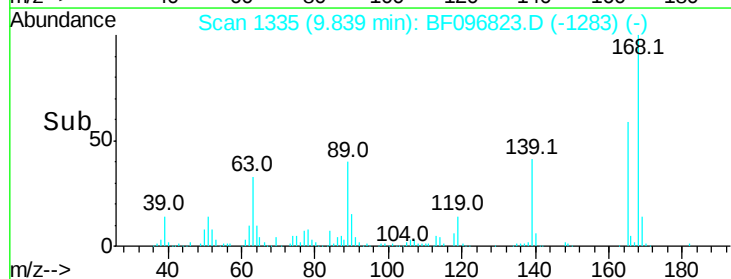
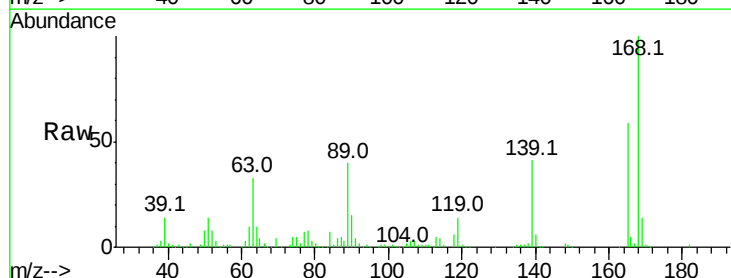
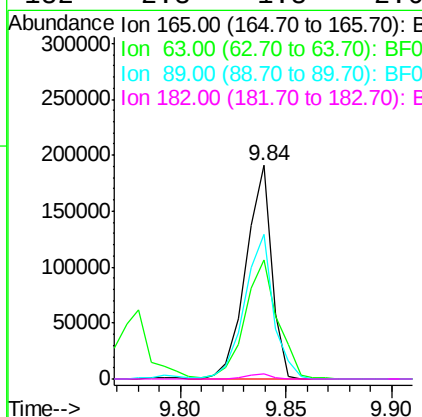
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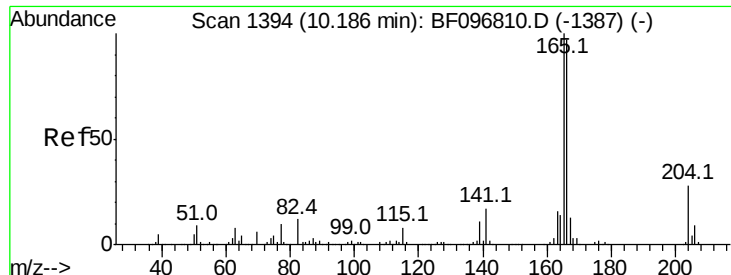
mohammad
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#56
2,4-Dinitrotoluene
Concen: 35.519 ng
RT: 9.84 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.5	25.4	38.0	
89	67.7	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 36.611 ng

RT: 10.19 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

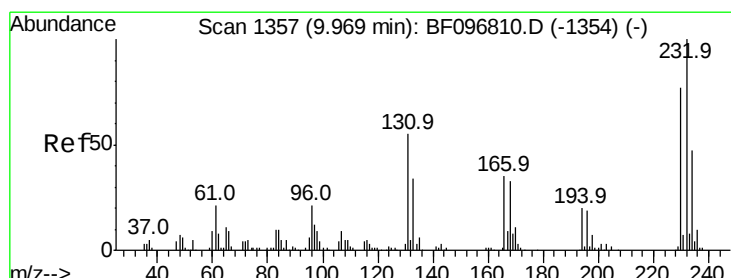
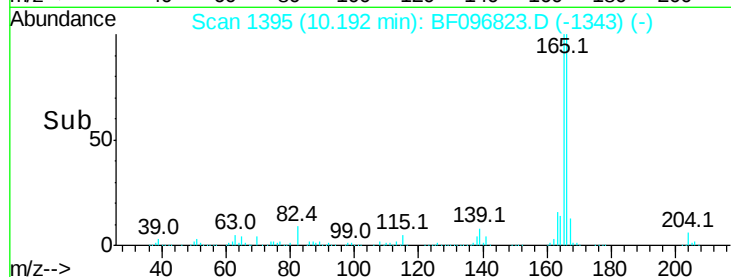
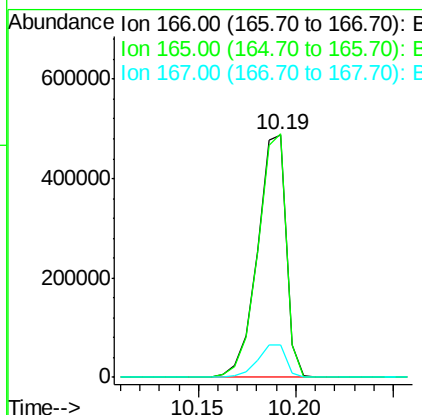
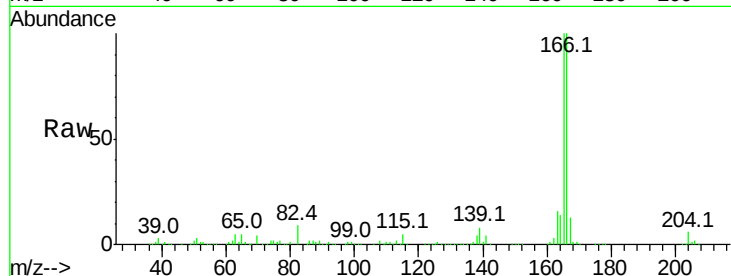
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	166	Resp:	493043
Ion Ratio	Lower	Upper	
166	100		
165	100.5	78.8	118.2
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.258 ng

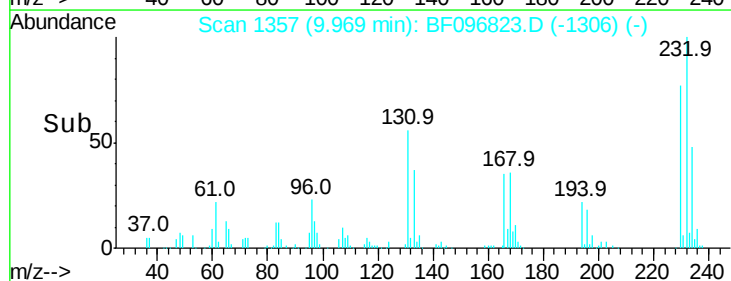
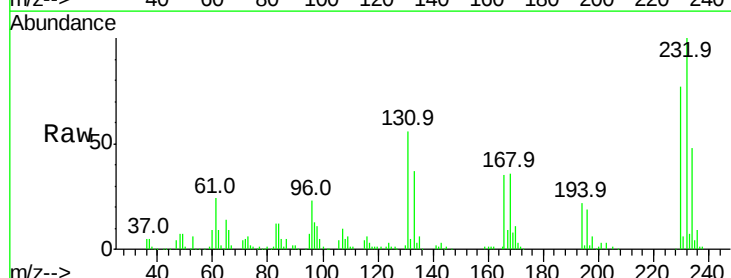
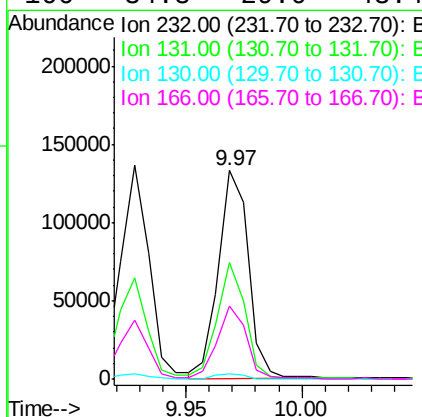
RT: 9.97 min Scan# 1357

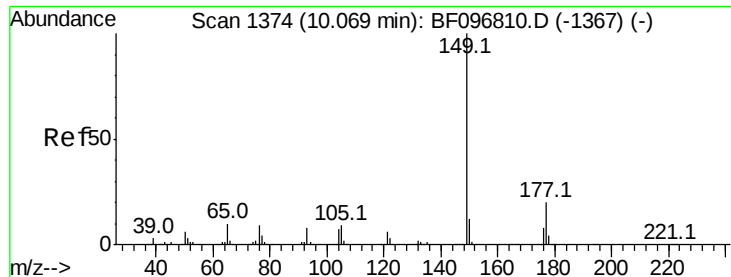
Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	232	Resp:	119790
Ion Ratio	Lower	Upper	
232	100		
131	53.5	44.8	67.2
130	2.3	2.3	3.5#
166	34.8	29.0	43.4





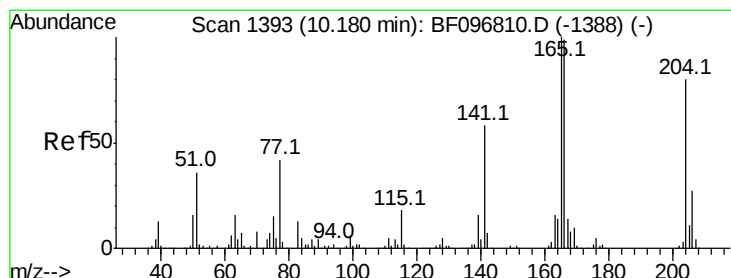
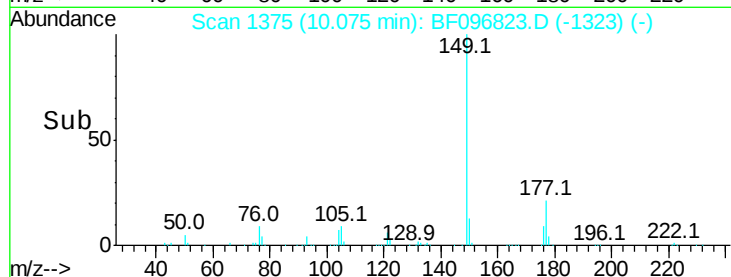
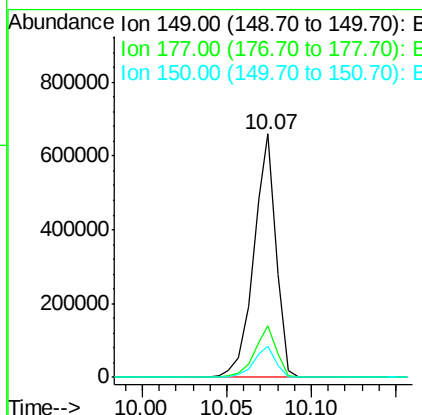
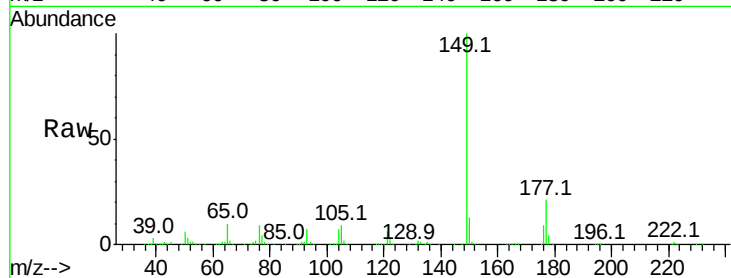
#59
Diethylphthalate
Concen: 37.697 ng
RT: 10.07 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.6	10.2	15.2

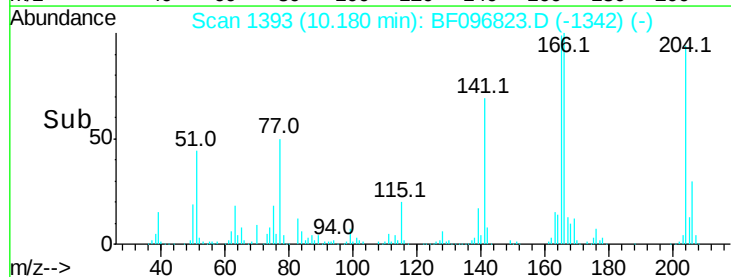
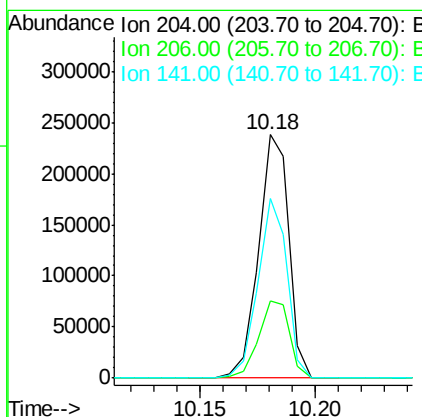
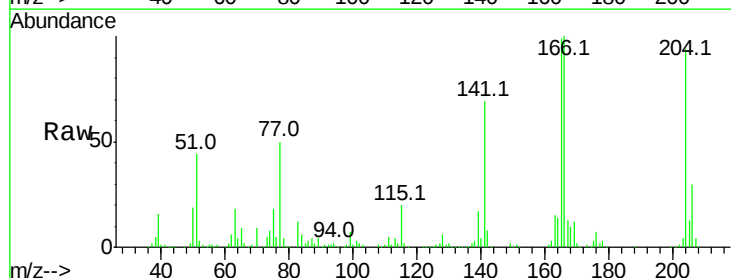
Manual Integrations
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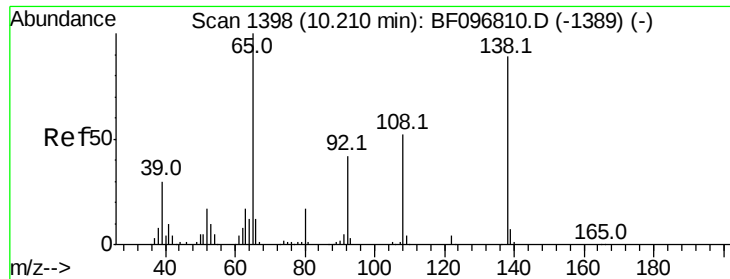
mohammad
7/20/2017 8:38:22 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.192 ng
RT: 10.18 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	73.9	60.8	91.2





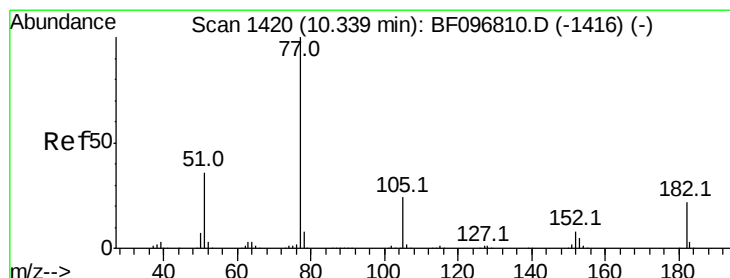
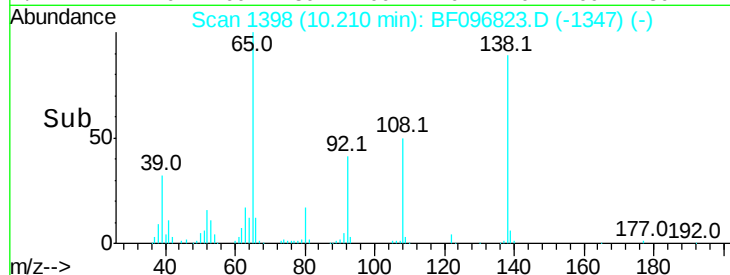
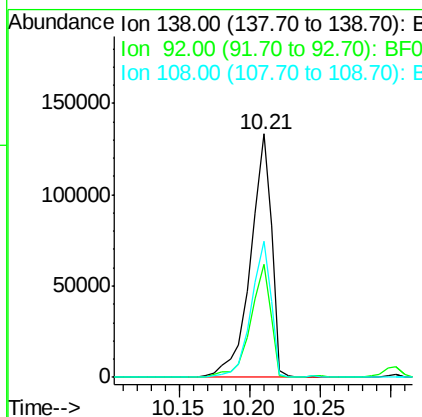
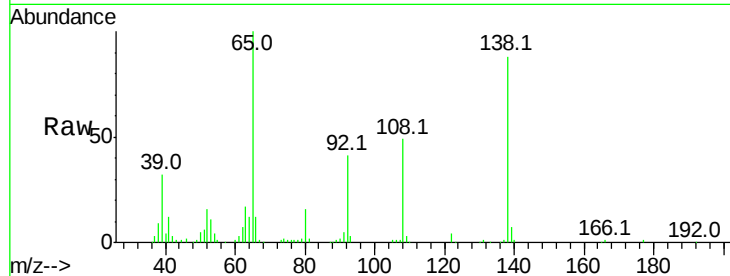
#61
4-Nitroaniline
Concen: 35.331 ng
RT: 10.21 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.5	21.8	61.8
108	56.1	42.3	82.3

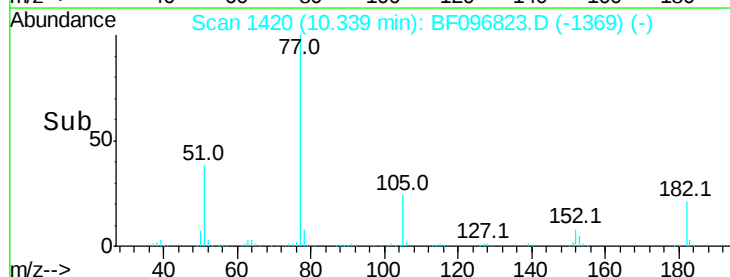
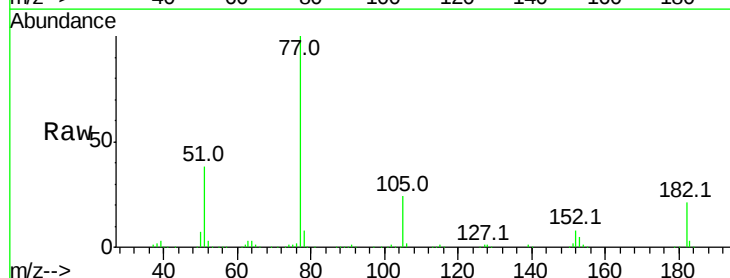
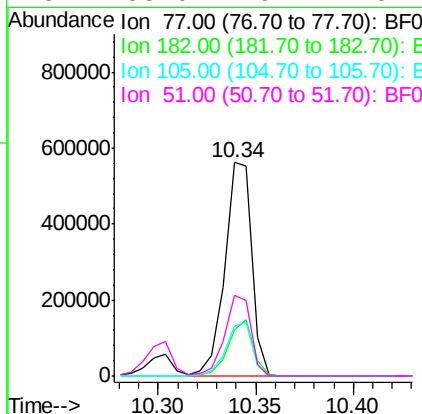
Manual Integrations
APPROVED

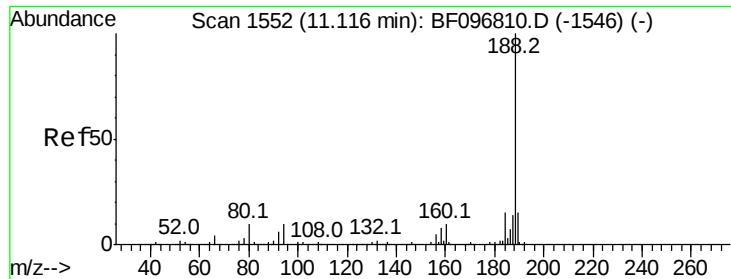
mohammad
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#62
Azobenzene
Concen: 37.927 ng
RT: 10.34 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.4	0.1	40.1
105	23.6	3.6	43.6
51	38.0	9.4	49.4





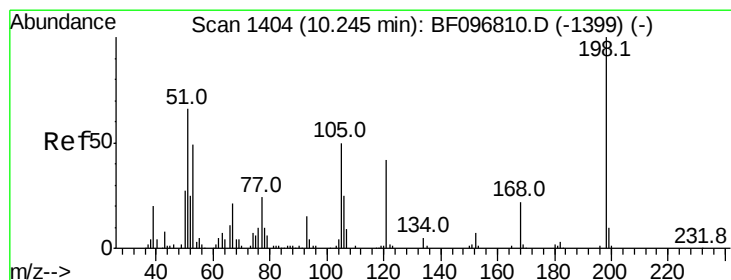
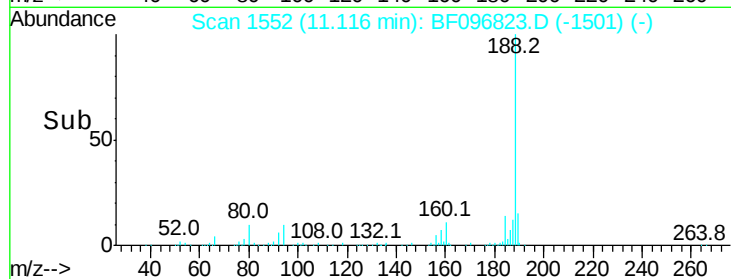
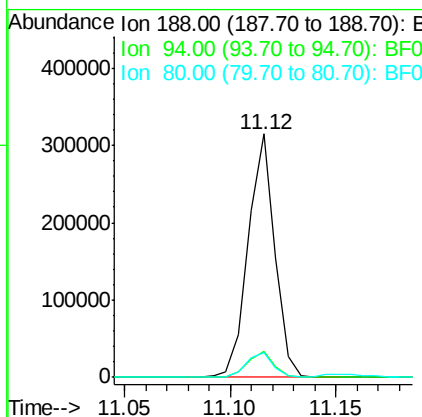
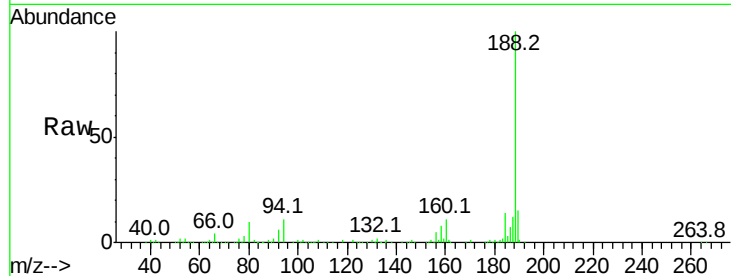
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	274513		
94	10.6		9.4	14.2
80	10.3		10.2	15.2

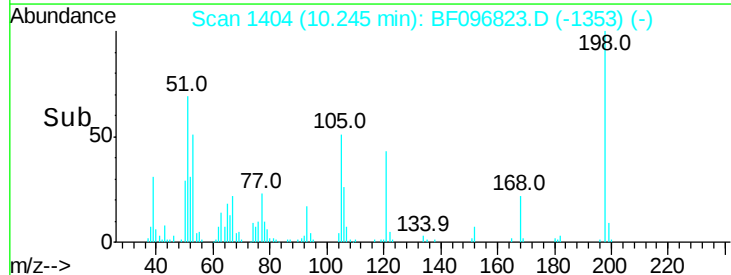
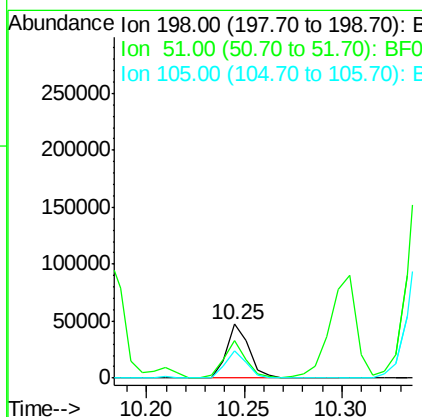
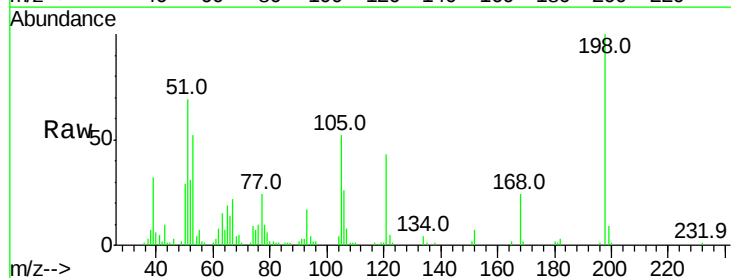
Manual Integrations
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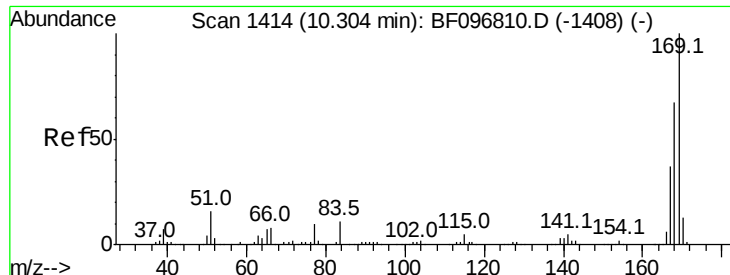
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.959 ng
RT: 10.25 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	37847		
51	69.4		53.2	93.2
105	51.8		45.8	85.8





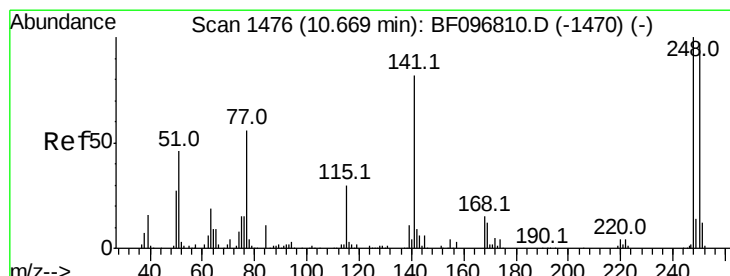
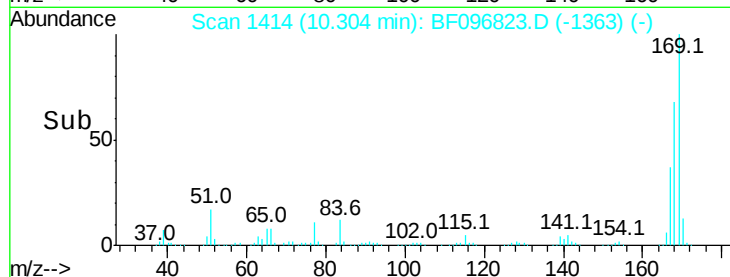
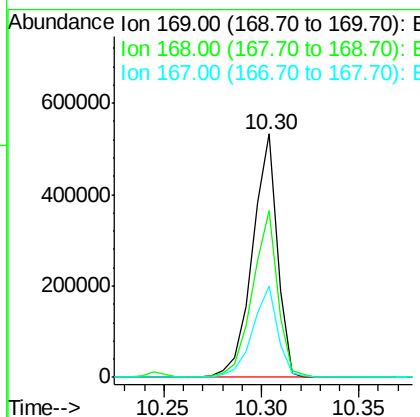
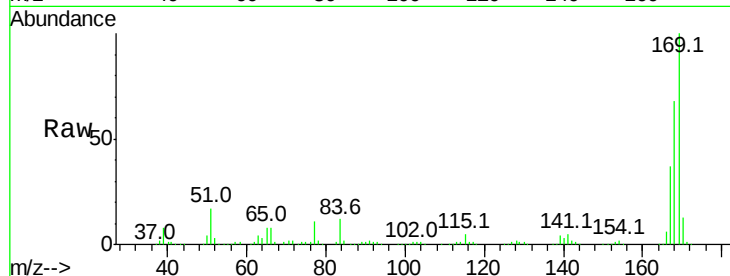
#65
n-Nitrosodiphenylamine
Concen: 47.932 ng
RT: 10.30 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.2	79.8
167	37.3	29.5	44.3

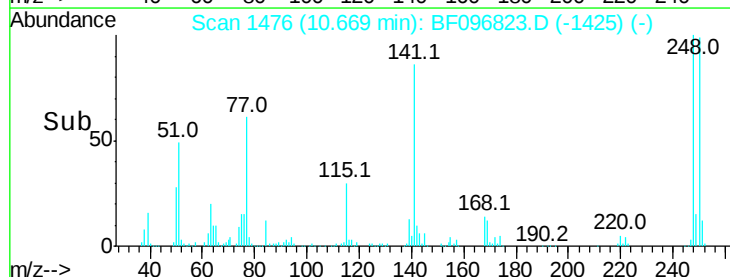
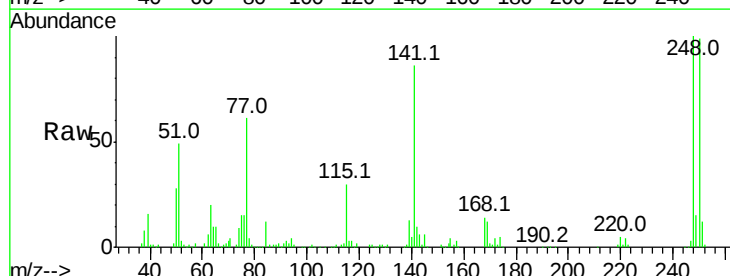
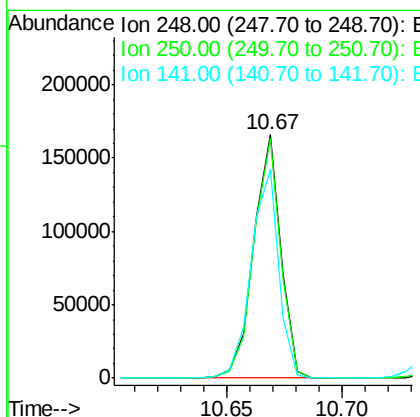
Manual Integrations
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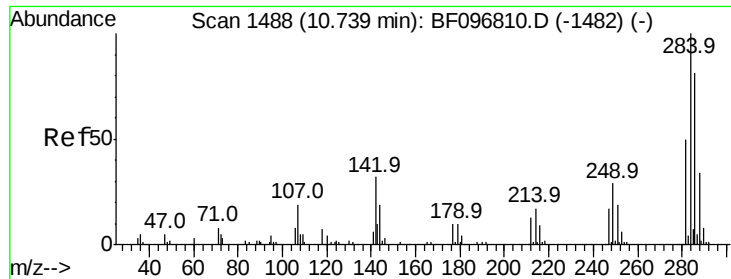
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 48.727 ng
RT: 10.67 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.8	115.2
141	85.7	68.6	103.0





#67

Hexachlorobenzene

Concen: 43.486 ng

RT: 10.74 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

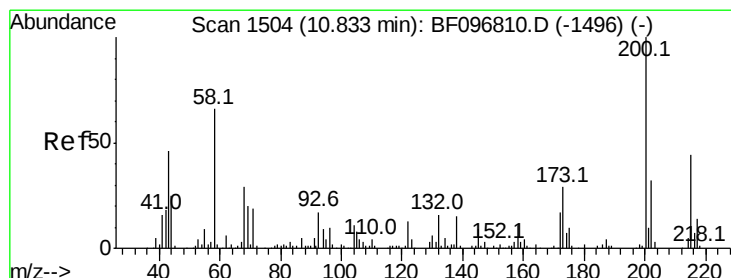
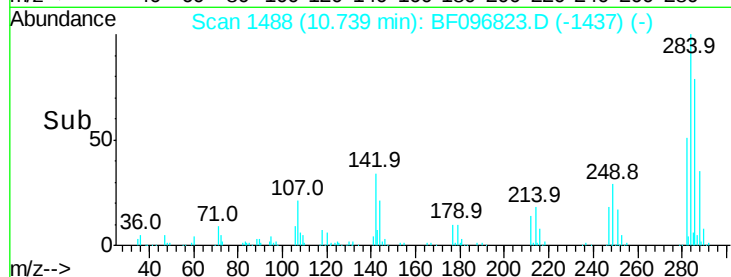
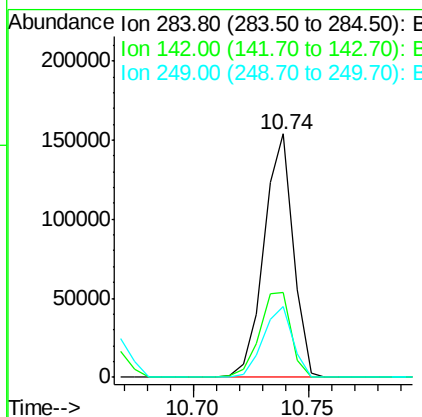
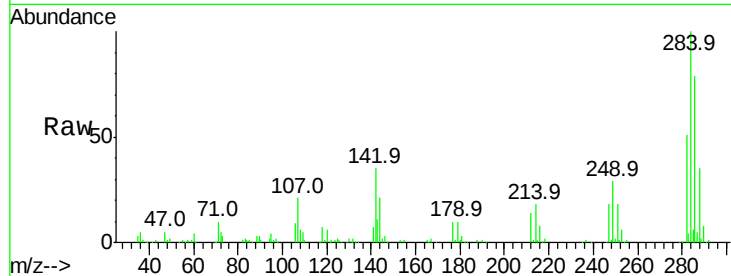
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	284	Resp:	135743
Ion Ratio	Lower	Upper	
284	100		
142	34.7	22.8	34.2#
249	29.1	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 47.710 ng

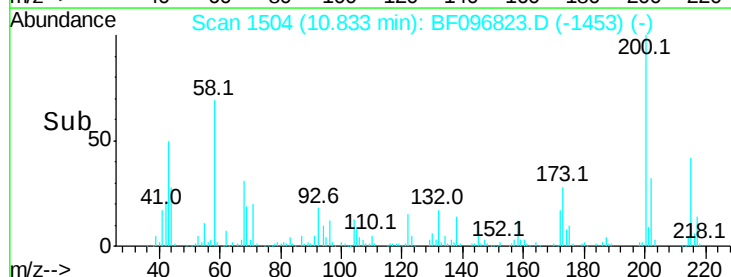
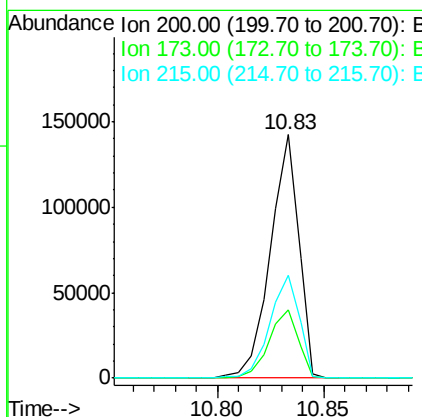
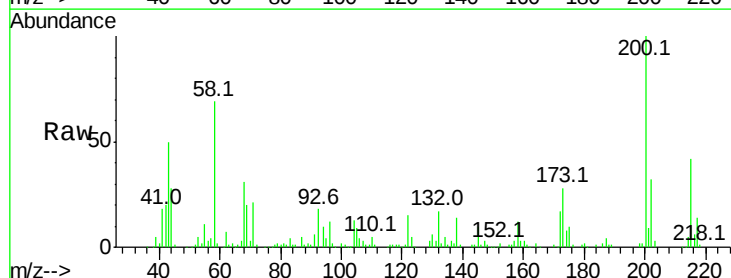
RT: 10.83 min Scan# 1504

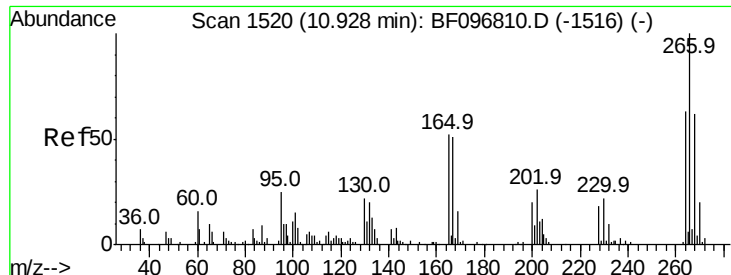
Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	200	Resp:	133382
Ion Ratio	Lower	Upper	
200	100		
173	28.2	6.3	46.3
215	42.2	27.2	67.2





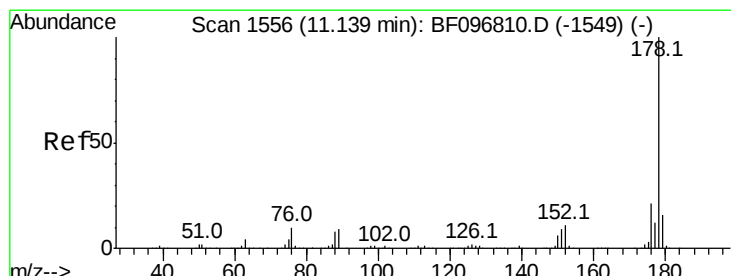
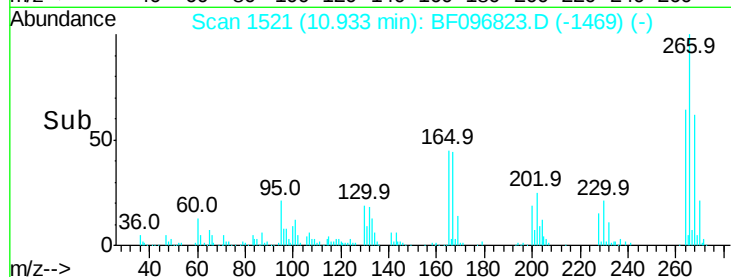
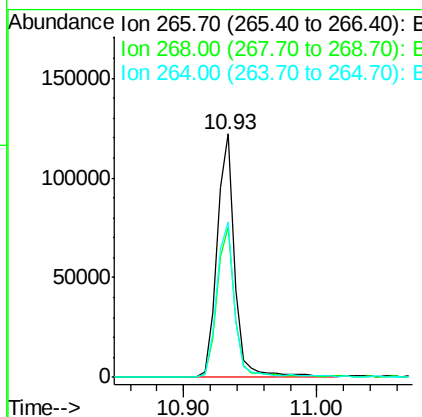
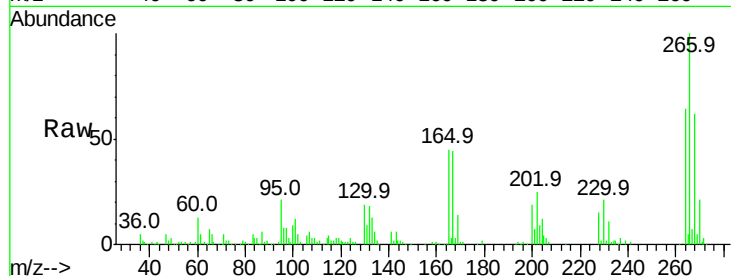
#69
 Pentachlorophenol
 Concen: 76.475 ng
 RT: 10.93 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	115323		
268	61.6	51.1	76.7	
264	64.0	51.7	77.5	

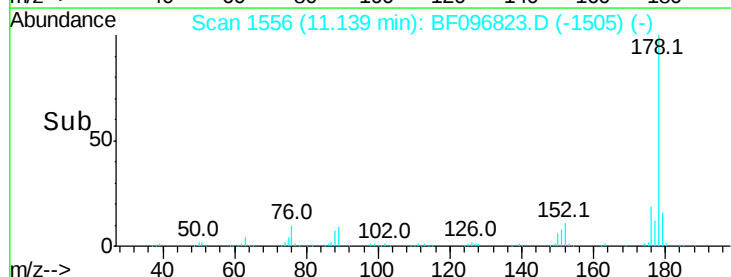
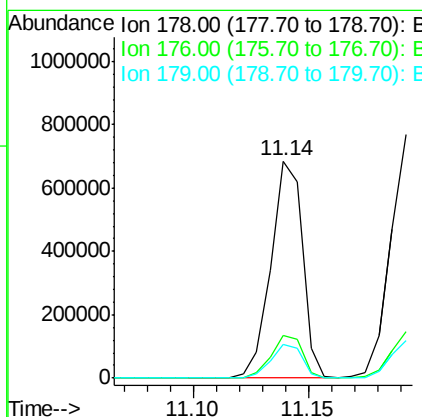
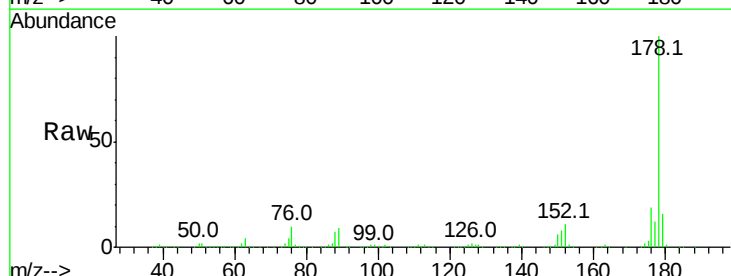
Manual Integrations
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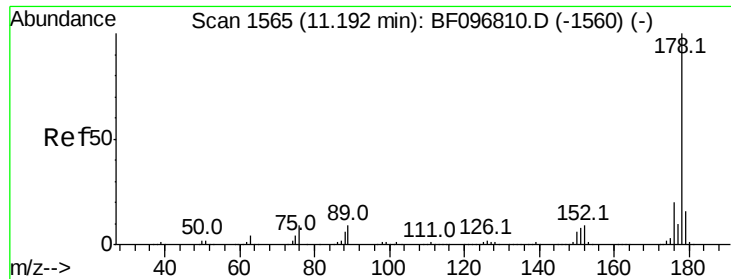
mohammad
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#70
 Phenanthrene
 Concen: 43.647 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	651486		
176	19.4	16.2	24.4	
179	15.8	12.6	19.0	





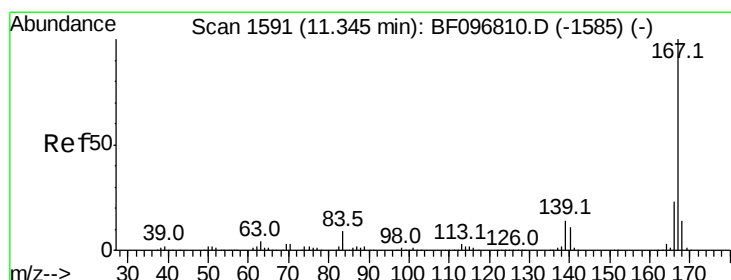
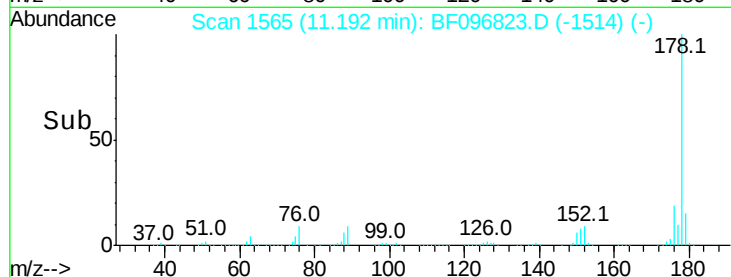
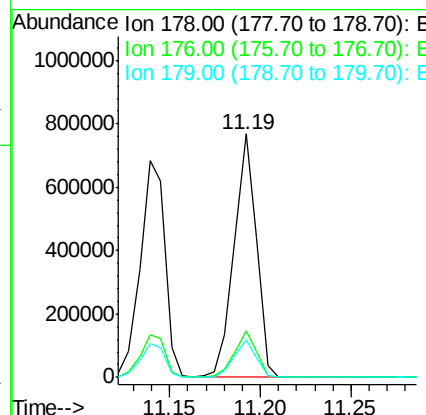
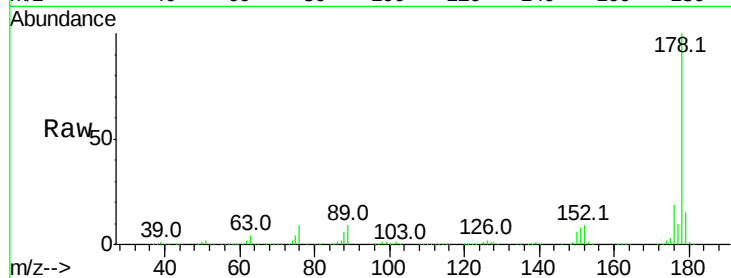
#71
 Anthracene
 Concen: 43.977 ng
 RT: 11.19 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

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

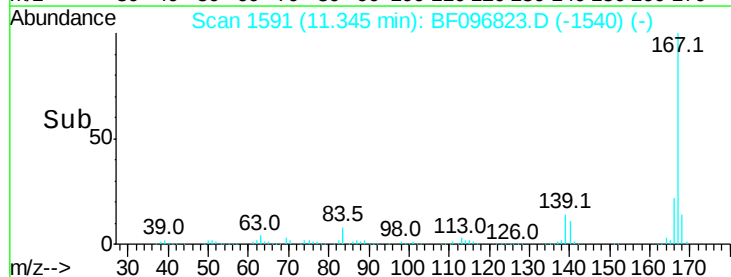
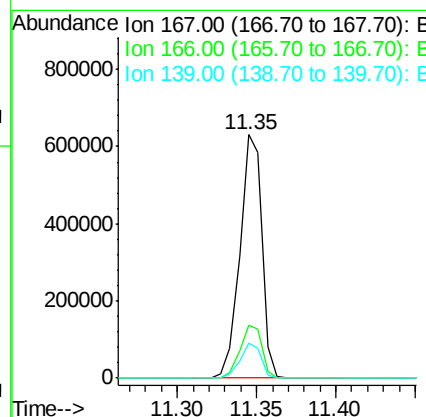
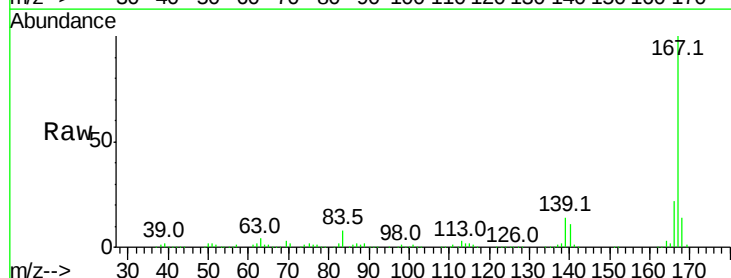
Manual Integrations
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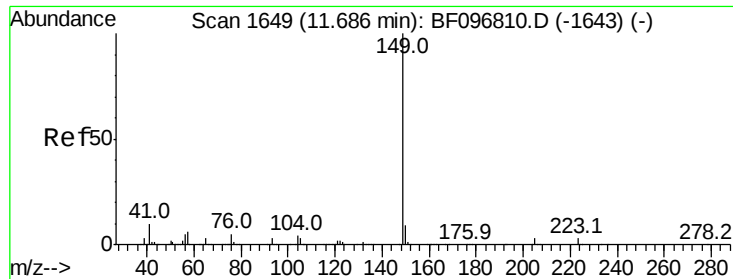
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#72
 Carbazole
 Concen: 41.289 ng
 RT: 11.35 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	14.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.683 ng

RT: 11.69 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

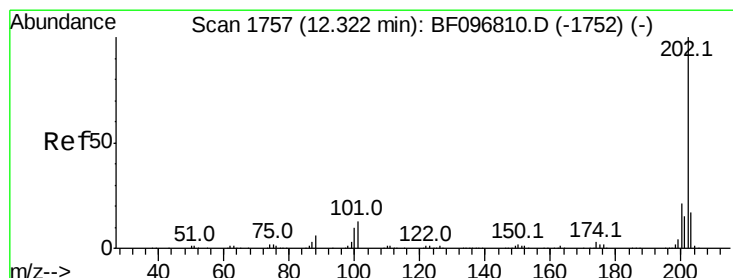
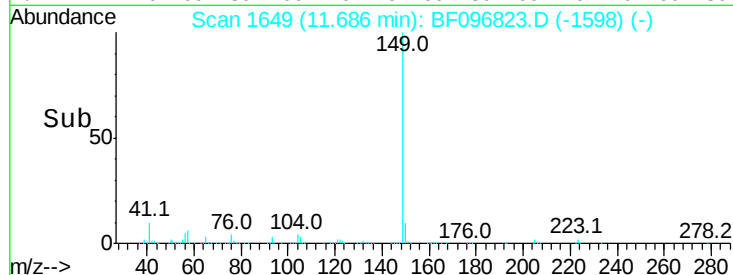
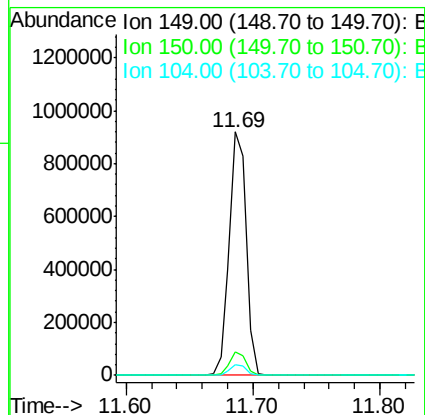
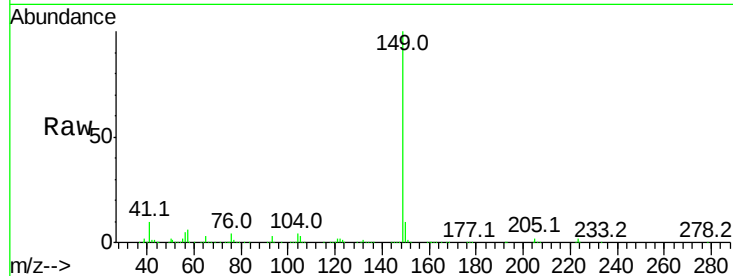
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	149	Resp:	849662
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 38.527 ng

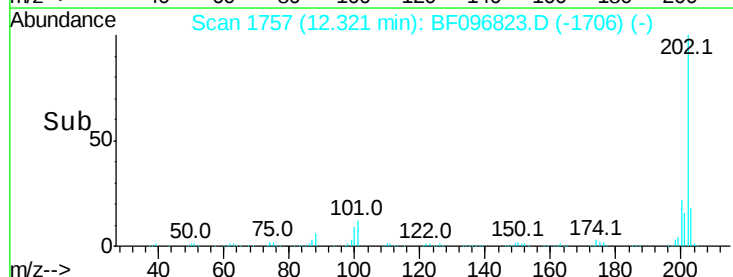
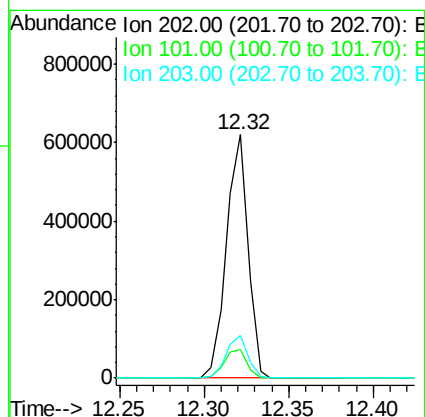
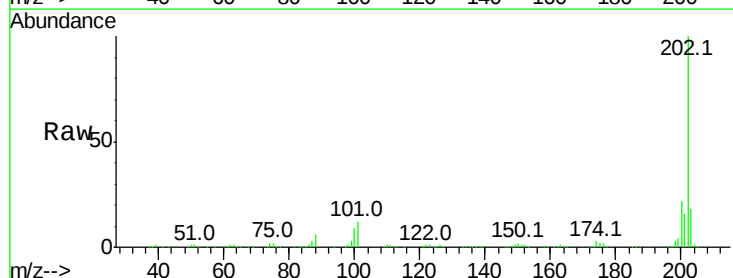
RT: 12.32 min Scan# 1757

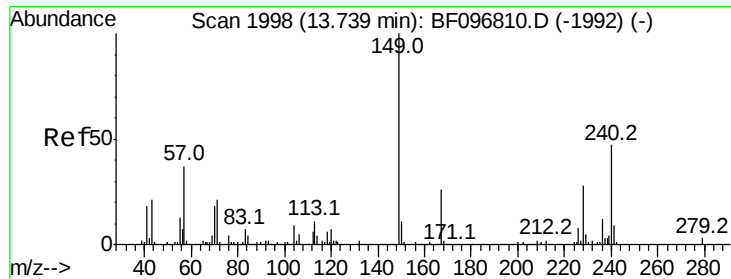
Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	202	Resp:	550430
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	33.2
203	17.8	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: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-012MSD

Tot Ion:240 Resp: 170523

Ion Ratio Lower Upper

240 100

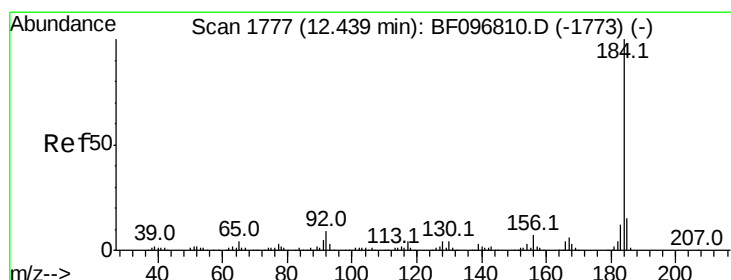
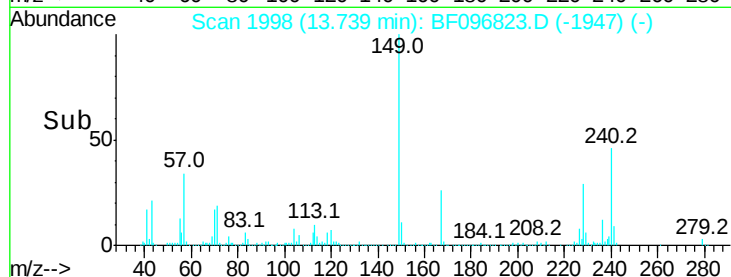
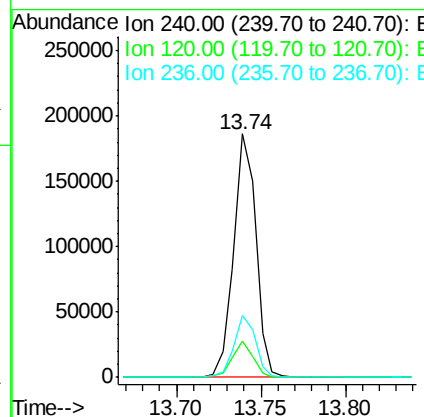
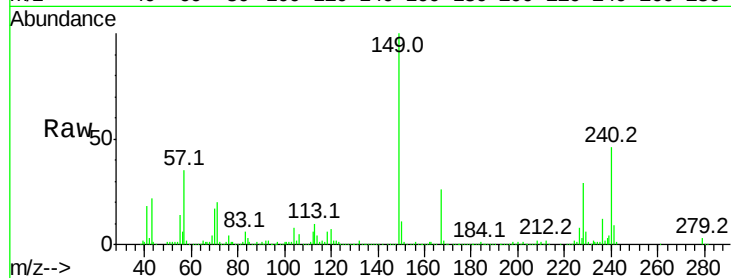
120 15.1 5.8 8.8#

236 25.6 20.5 30.7

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#76

Benzidine

Concen: 62.101 ng

RT: 12.44 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

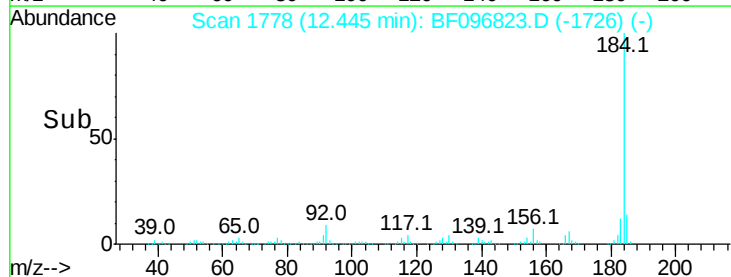
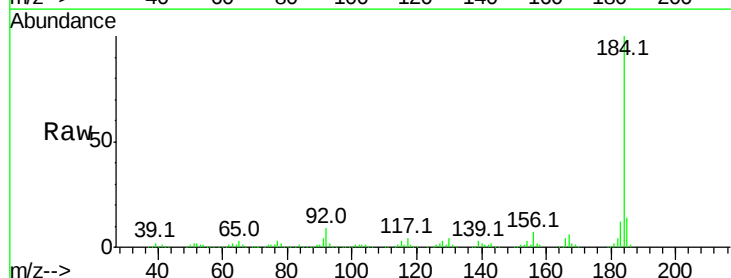
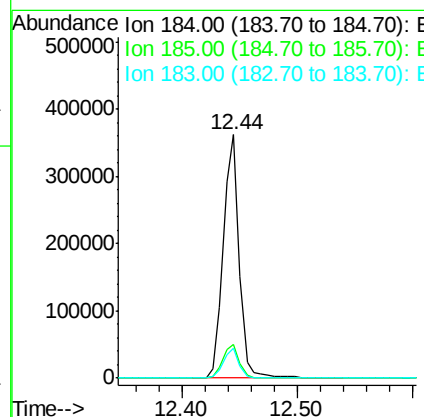
Tgt Ion:184 Resp: 346921

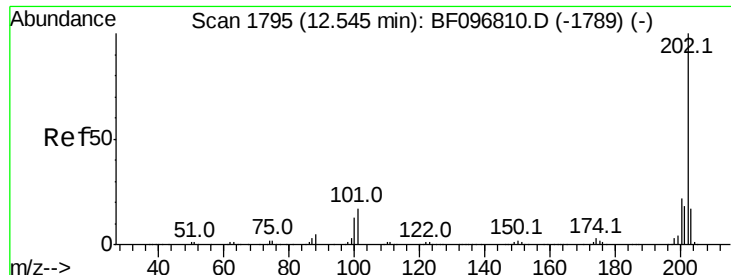
Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

183 12.0 9.8 14.6





#77

Pvrene

Concen: 36.432 ng

RT: 12.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

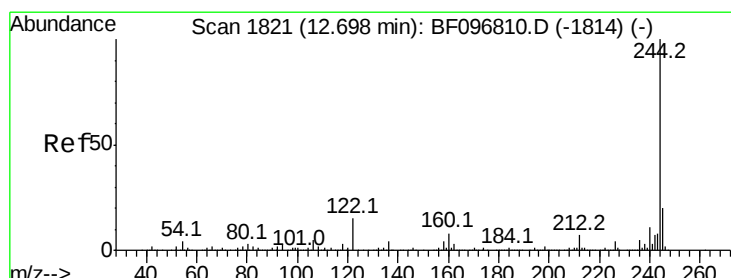
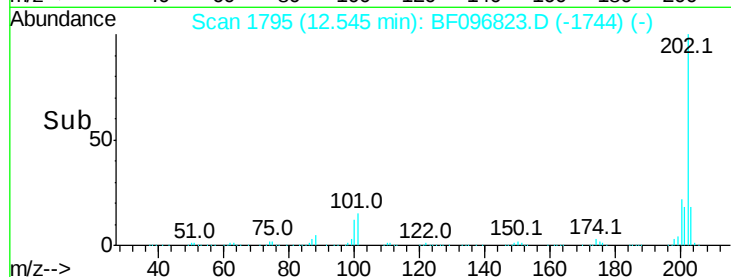
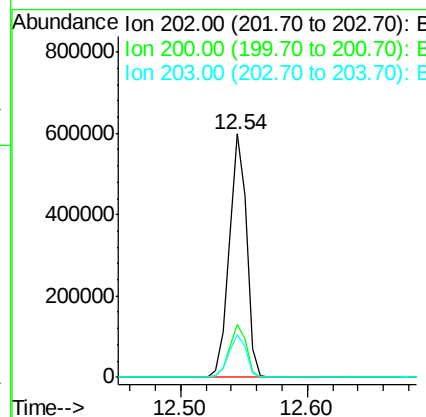
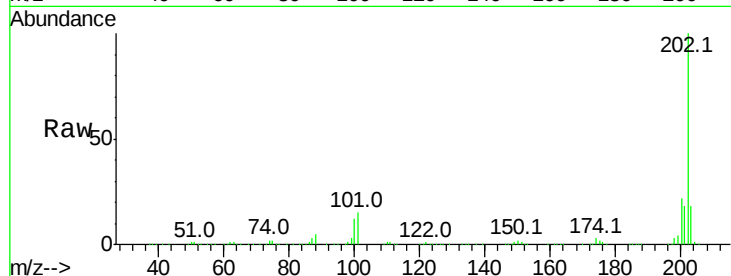
ClientSampleId :

FK-PS-01-012MSD

Tot Ion:	202	Resp:	563816
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.6	26.4
203	17.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 64.451 ng

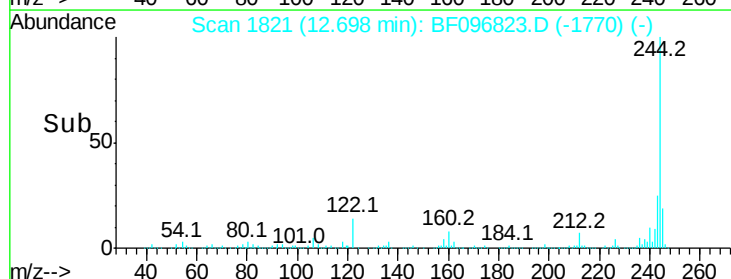
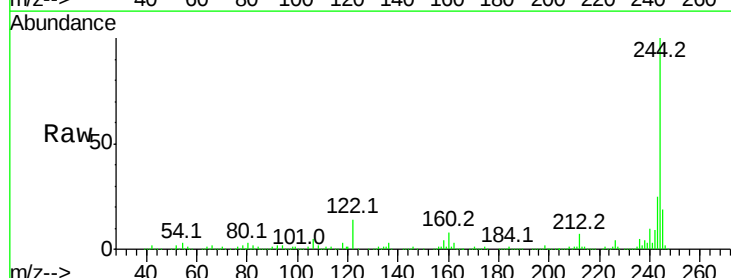
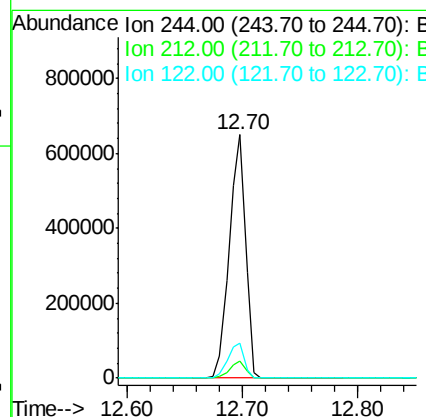
RT: 12.70 min Scan# 1821

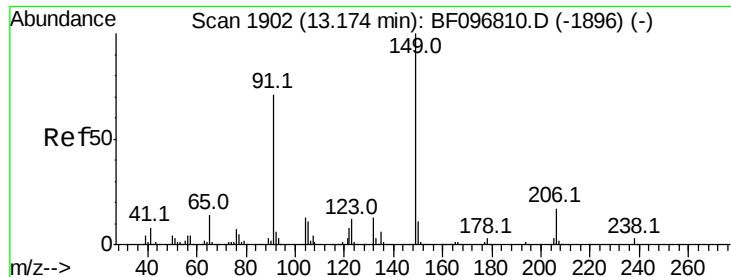
Delta R.T. -0.00 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Tgt Ion:	244	Resp:	633716
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.1	10.3	15.5





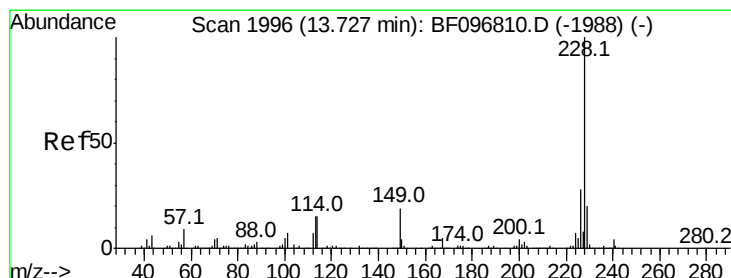
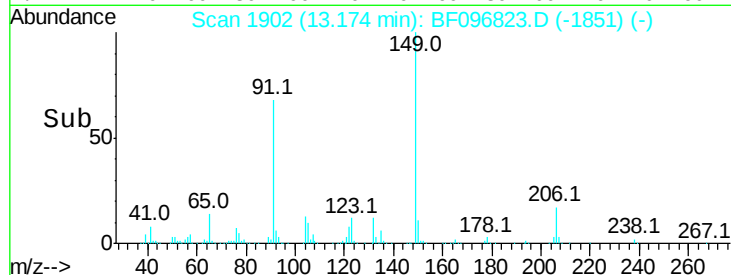
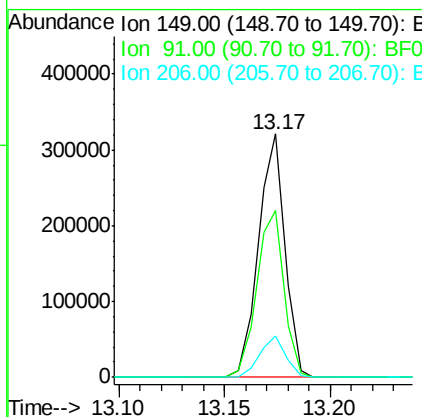
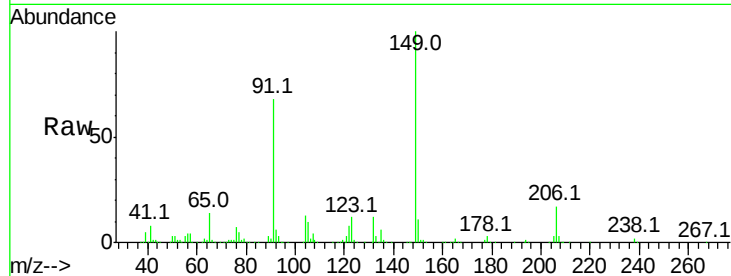
#79
Butylbenzylphthalate
Concen: 76.505 ng
RT: 13.17 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	281274		
91	68.4	45.0	67.4#	
206	17.1	17.0	25.6	

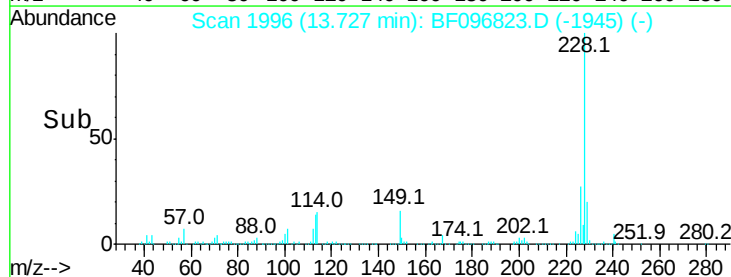
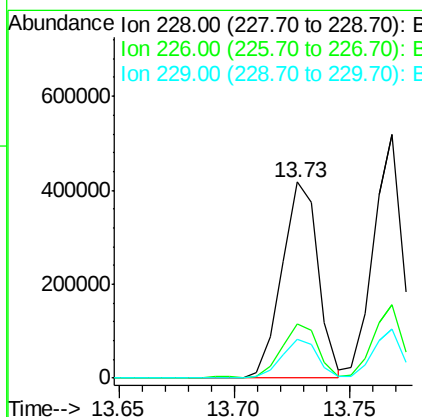
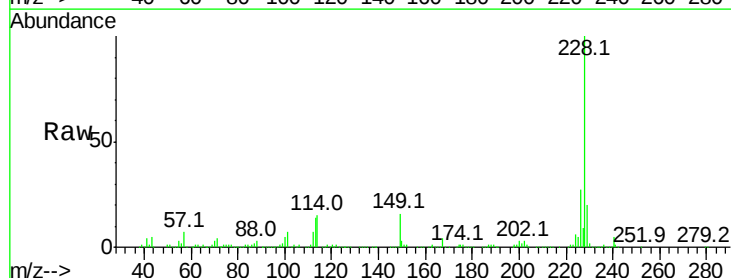
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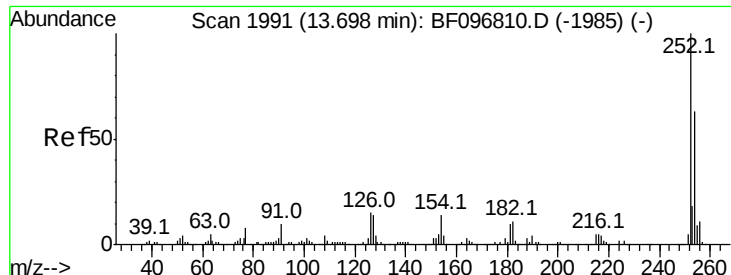
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#80
Benzo(a)anthracene
Concen: 42.419 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	450698		
226	27.4	22.6	33.8	
229	19.8	16.3	24.5	





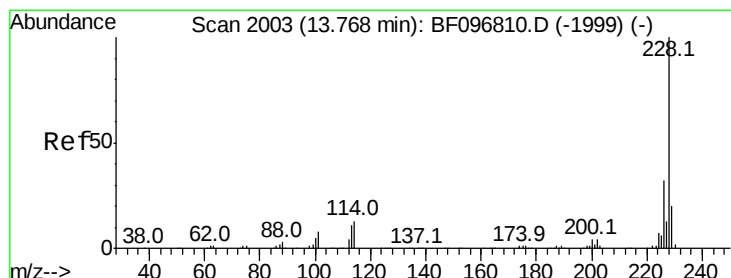
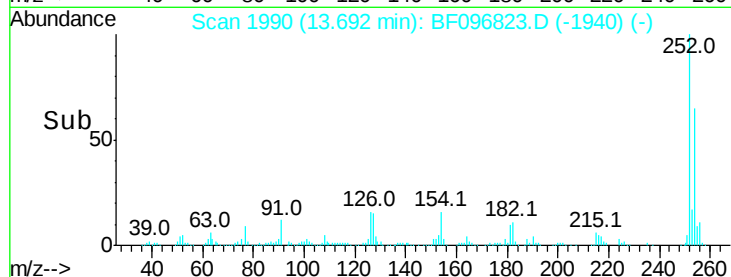
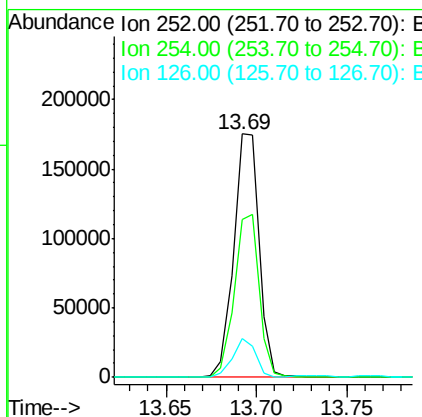
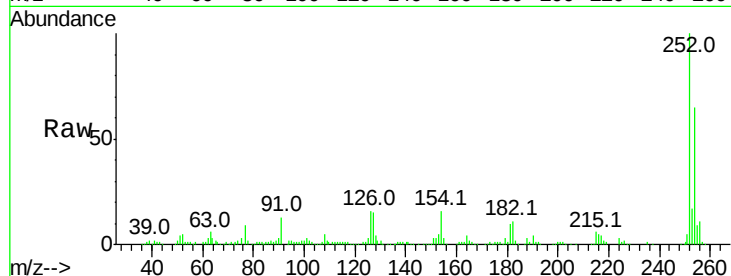
#81
 3,3'-Dichlorobenzidine
 Concen: 44.822 ng
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	15.9	15.8	23.8

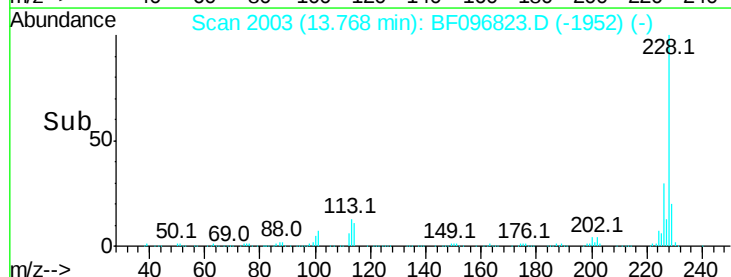
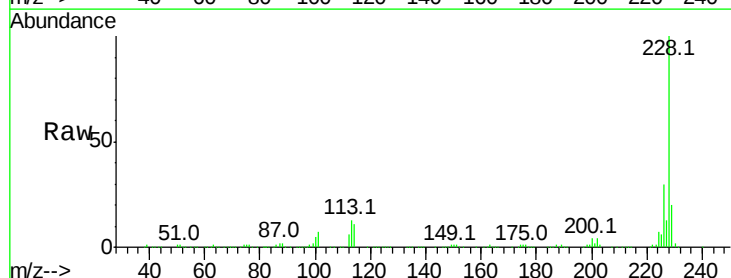
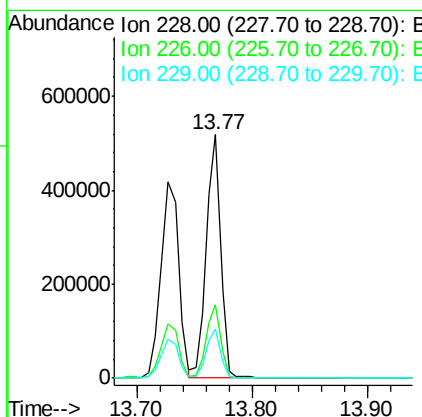
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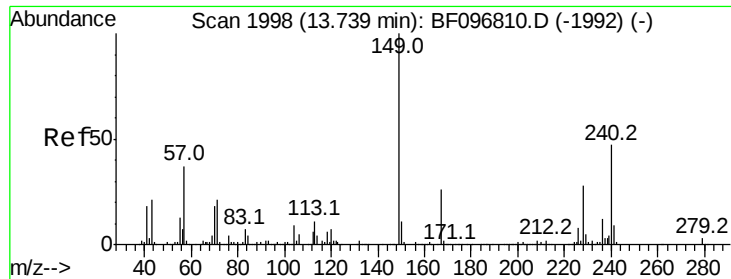
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#82
 Chrysene
 Concen: 43.400 ng
 RT: 13.77 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	15.8	23.6





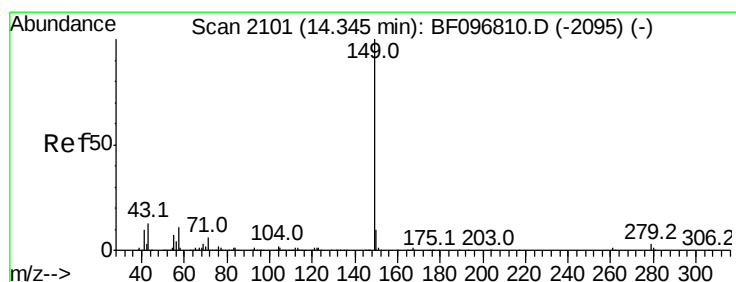
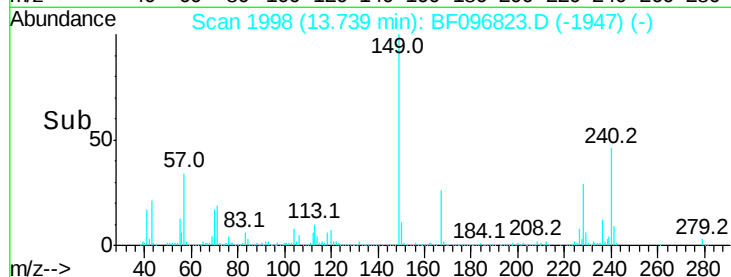
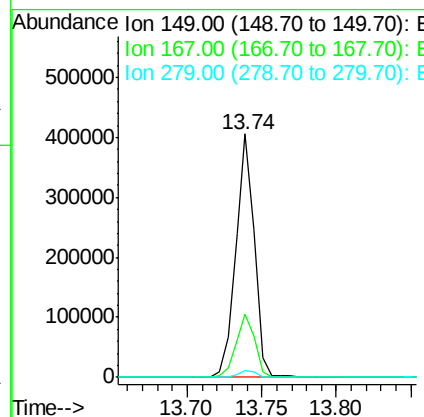
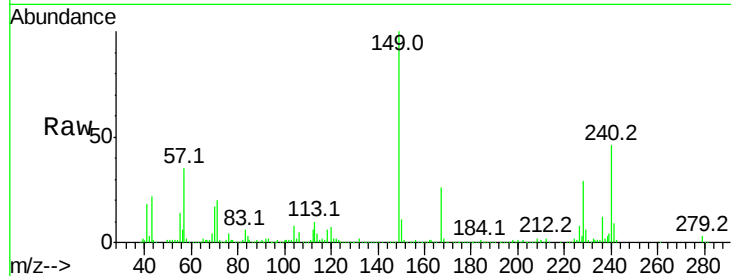
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.713 ng
 RT: 13.74 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	2.7	1.9	2.9

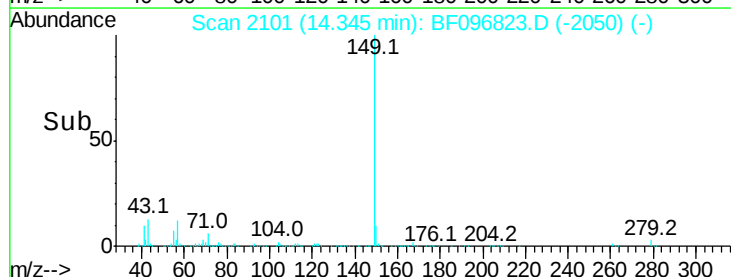
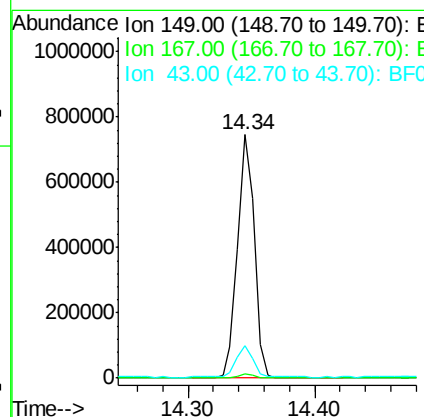
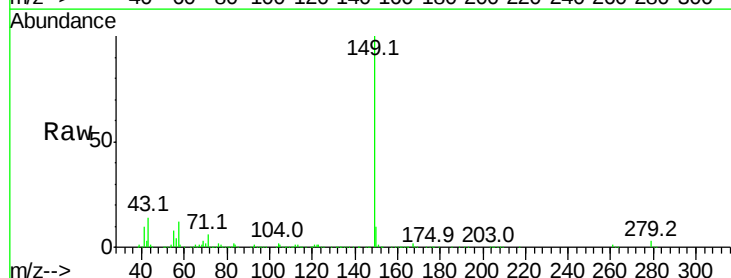
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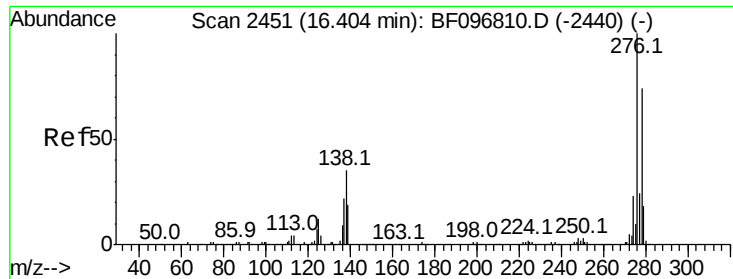
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#84
 Di-n-octyl phthalate
 Concen: 45.654 ng
 RT: 14.34 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	13.0	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.700 ng

RT: 16.41 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BF096823.D

Acq: 17 Jul 2017 16:59

Instrument :

BNA_F

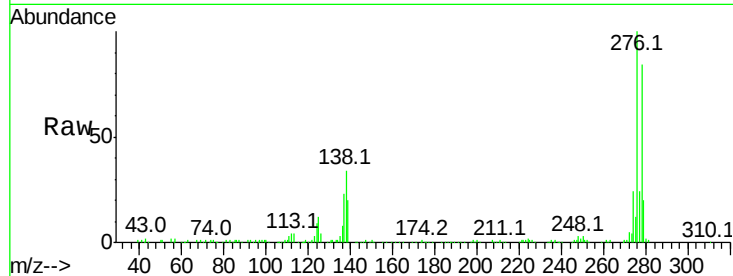
ClientSampleId :

FK-PS-01-012MSD

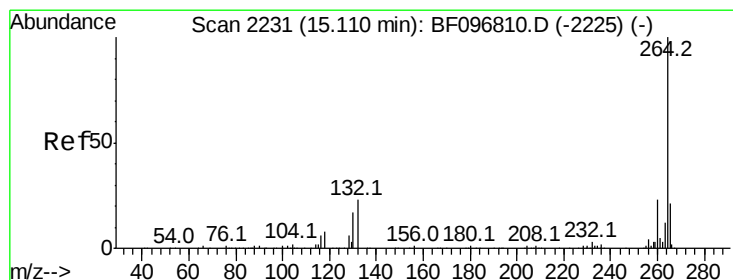
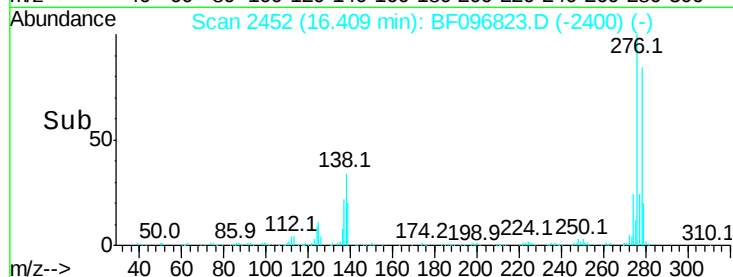
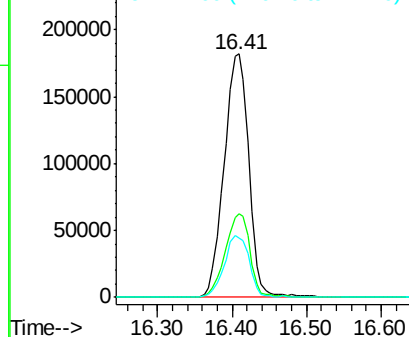
Tot Ion:	276	Resp:	420387
Ion Ratio	Lower	Upper	
276	100		
138	34.6	27.8	41.6
277	25.8	20.2	30.4

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



#86

Perylene-d12

Concen: 20.000 ng

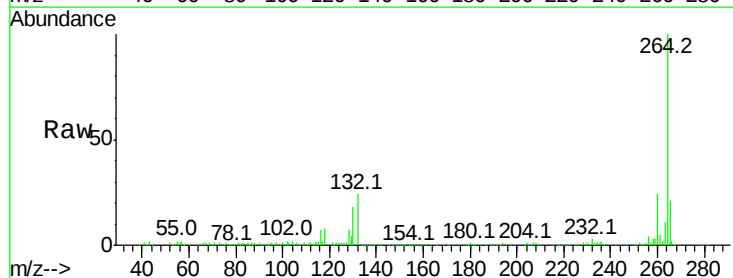
RT: 15.11 min Scan# 2231

Delta R.T. -0.00 min

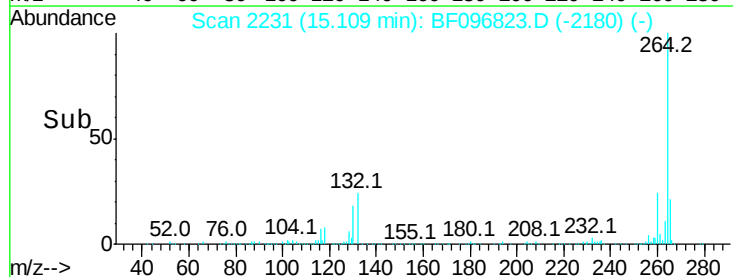
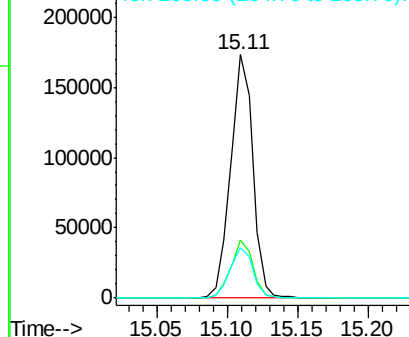
Lab File: BF096823.D

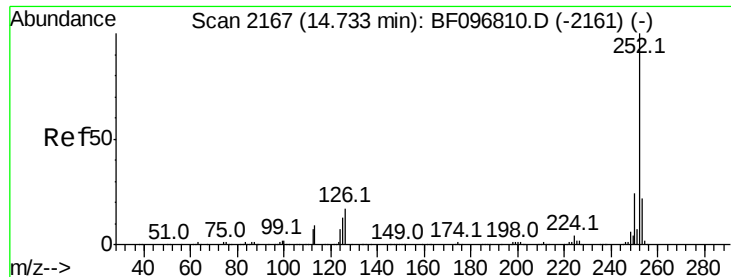
Acq: 17 Jul 2017 16:59

Tgt Ion:	264	Resp:	190571
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	20.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





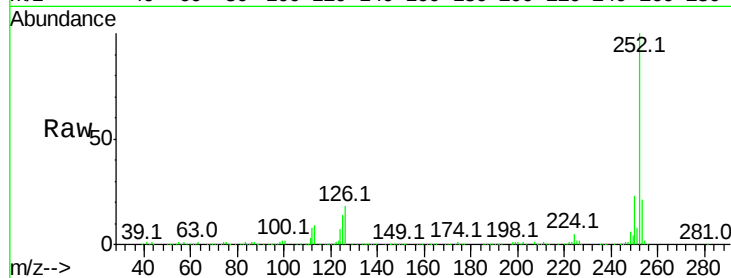
#87
Benzo(b)fluoranthene
Concen: 45.401 ng
RT: 14.73 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	13.8	9.8	14.8

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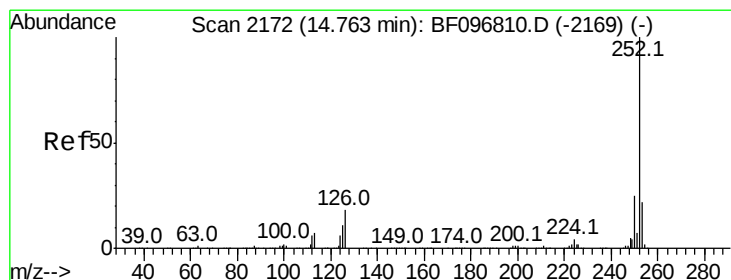
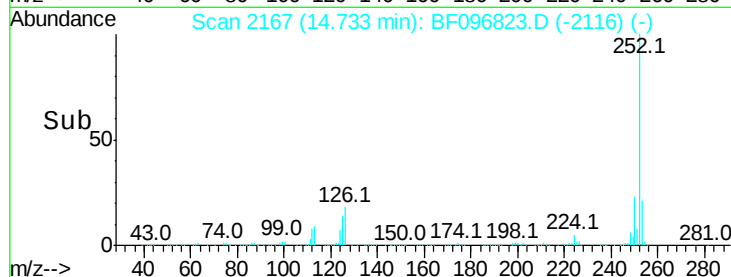
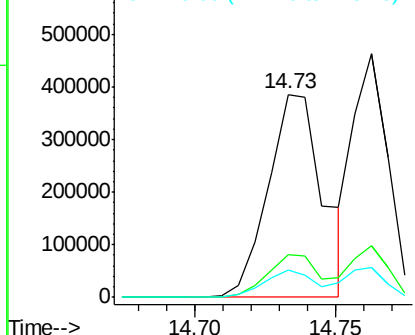


Abundance

Ion 252.00 (251.70 to 252.70): E

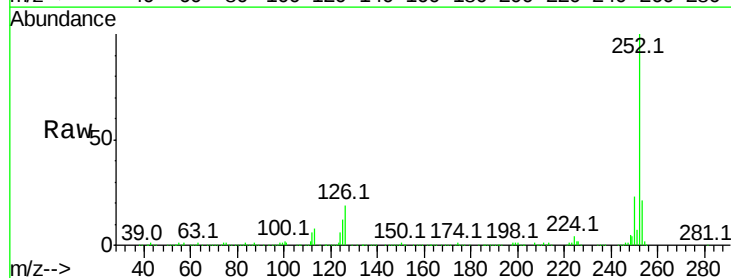
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 37.170 ng m
RT: 14.76 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.4	27.6
125	12.4	13.1	19.7#

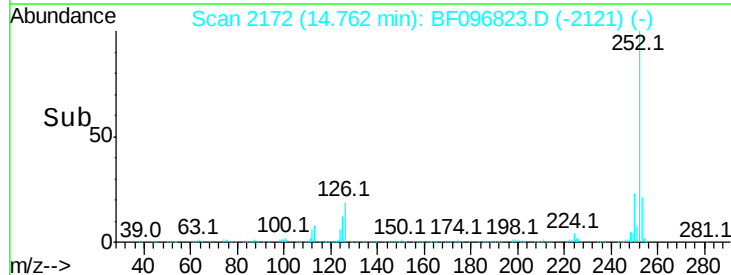
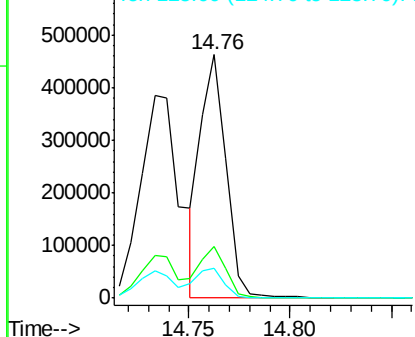


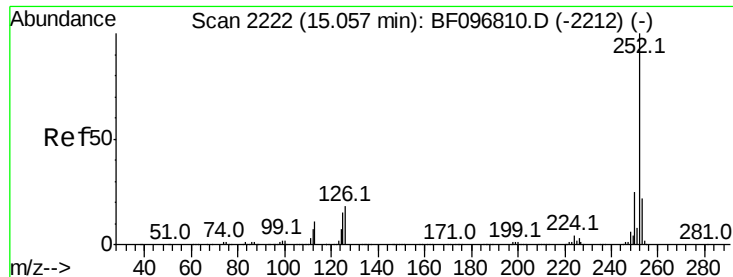
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





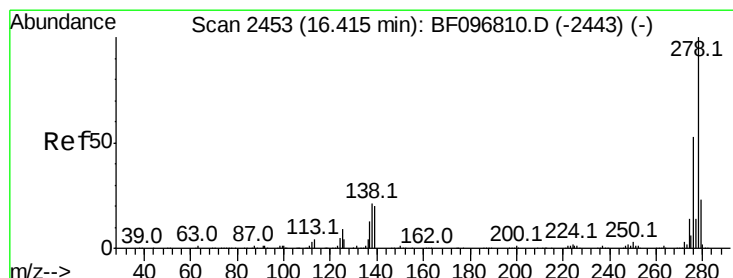
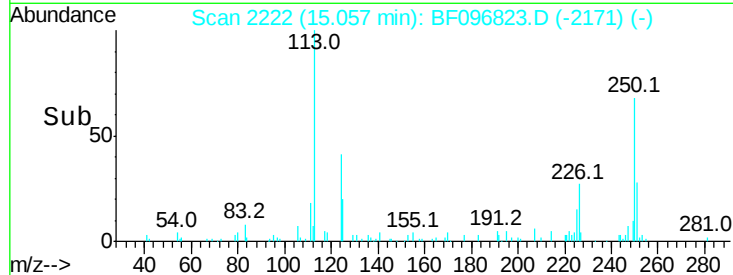
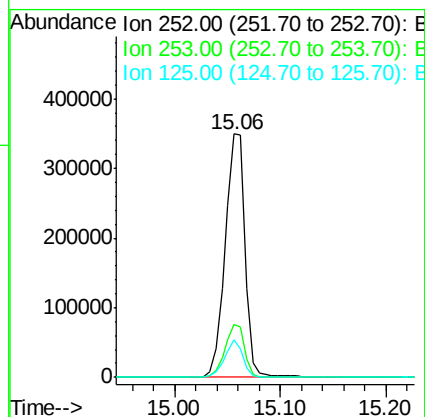
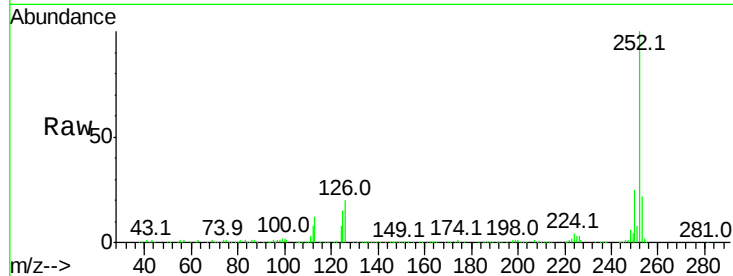
#89
Benzo(a)pyrene
Concen: 43.095 ng
RT: 15.06 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	15.2	11.0	16.4

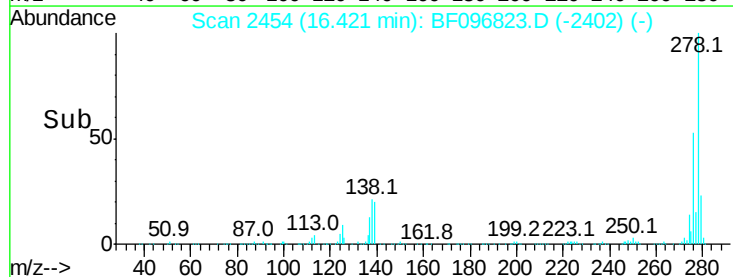
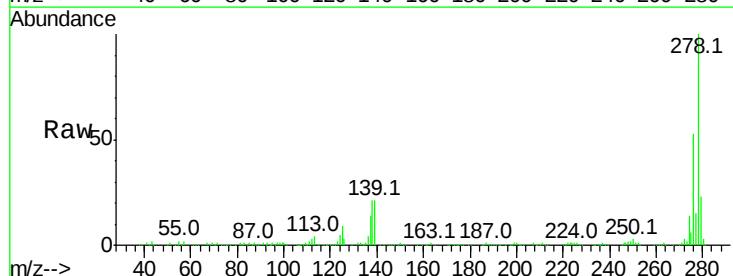
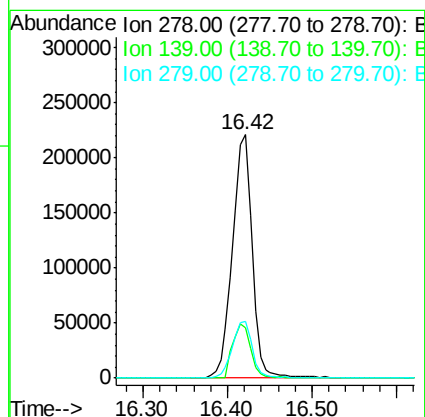
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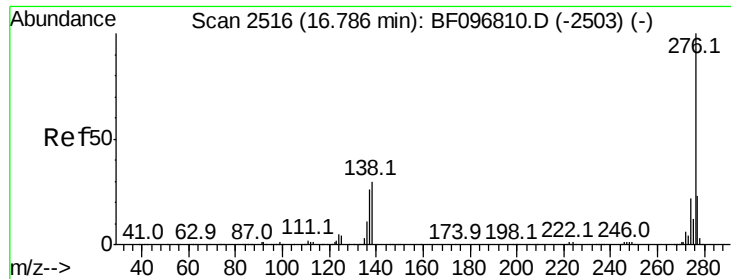
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#90
Dibenzo(a,h)anthracene
Concen: 36.748 ng
RT: 16.42 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BF096823.D
Acq: 17 Jul 2017 16:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.6	24.8
279	23.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 33.146 ng
 RT: 16.79 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BF096823.D
 Acq: 17 Jul 2017 16:59

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

Tot Ion:	276	Resp:	344291
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	28.0
138	29.8	25.4	38.0

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