

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108390.D
 Acq On : 22 Aug 2018 18:27
 Operator : JU/SJ
 Sample : J4569-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Manual Integrations
 APPROVED

Sohil
 8/23/2018 3:43:16 PM

Quant Time: Aug 23 04:54:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	180874	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	677926	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	322951	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	595780	20.00	ng	0.00
75) Chrysene-d12	14.19	240	326114	20.00	ng	0.00
86) Perylene-d12	15.75	264	339511	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	909834	91.07	ng	0.00
7) Phenol-d6	6.63	99	1255693	94.58	ng	0.00
23) Nitrobenzene-d5	7.57	82	828120	68.16	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	346219	107.48	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1511625	75.15	ng	0.00
78) Terphenyl-d14	13.13	244	1267039	98.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	106471	20.740	ng	# 84
3) Pyridine	3.70	79	298159	22.547	ng	89
4) n-Nitrosodimethylamine	3.66	42	198127	26.626	ng	# 84
6) Aniline	6.67	93	521884	28.900	ng	97
8) 2-Chlorophenol	6.79	128	365686	32.500	ng	96
9) Benzaldehyde	6.55	77	237824	23.105	ng	96
10) Phenol	6.64	94	458888	33.416	ng	91
11) bis(2-Chloroethyl)ether	6.74	93	352246	31.728	ng	93
12) 1,3-Dichlorobenzene	6.94	146	393878	30.274	ng	97
13) 1,4-Dichlorobenzene	7.02	146	400540	30.642	ng	98
14) 1,2-Dichlorobenzene	7.17	146	377401	31.039	ng	99
15) Benzyl Alcohol	7.14	79	347256	31.070	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	674328	29.483	ng	99
17) 2-Methylphenol	7.25	107	324261	33.605	ng	96
18) Hexachloroethane	7.51	117	143713	30.881	ng	95
19) n-Nitroso-di-n-propylamine	7.41	70	277503	30.910	ng	90
20) 3+4-Methylphenols	7.40	107	400709	32.406	ng	# 82
22) Acetophenone	7.41	105	529867	33.427	ng	# 95
24) Nitrobenzene	7.59	77	411632	33.507	ng	100
25) Isophorone	7.82	82	764039	32.995	ng	96
26) 2-Nitrophenol	7.90	139	187403	40.393	ng	94
27) 2,4-Dimethylphenol	7.93	122	349350	33.992	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	456290	33.754	ng	98
29) 2,4-Dichlorophenol	8.14	162	331103	35.008	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	348162	33.388	ng	97
31) Naphthalene	8.31	128	1058975	34.348	ng	100
32) Benzoic acid	8.03	122	122765	23.997	ng	89
33) 4-Chloroaniline	8.35	127	405772	30.201	ng	98
34) Hexachlorobutadiene	8.42	225	223385	33.839	ng	99
35) Caprolactam	8.72	113	95707m	32.291	ng	
36) 4-Chloro-3-methylphenol	8.83	107	344254	33.740	ng	97
37) 2-Methylnaphthalene	9.00	142	734906	33.691	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	372332	37.543	ng	98
40) Hexachlorocyclopentadiene	9.15	237	253386	39.556	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	241036	39.165	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	257623	38.027	ng	94
45) 1,1'-Biphenyl	9.47	154	882211	37.050	ng	98
46) 2-Chloronaphthalene	9.50	162	689089	36.616	ng	97
47) 2-Nitroaniline	9.59	65	228597	37.541	ng	90
48) Acenaphthylene	9.91	152	1073030	36.065	ng	99
49) Dimethylphthalate	9.76	163	980018	43.564	ng	99
50) 2,6-Dinitrotoluene	9.83	165	177952	37.809	ng	99
51) Acenaphthene	10.08	154	636045	34.903	ng	100
52) 3-Nitroaniline	10.00	138	164727	31.988	ng	93
53) 2,4-Dinitrophenol	10.11	184	106267	62.056	ng #	22
54) Dibenzofuran	10.25	168	932715	35.328	ng	96
55) 4-Nitrophenol	10.16	139	251591	64.517	ng #	83
56) 2,4-Dinitrotoluene	10.24	165	232533	38.382	ng #	100
57) Fluorene	10.60	166	732264	35.037	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	209233	36.951	ng #	87
59) Diethylphthalate	10.46	149	789375	36.237	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	379268	34.826	ng	96
61) 4-Nitroaniline	10.62	138	178338	35.028	ng	93
62) Azobenzene	10.75	77	764720	33.992	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	74737	35.041	ng	84
65) n-Nitrosodiphenylamine	10.71	169	672767	38.213	ng	96
66) 4-Bromophenyl-phenylether	11.08	248	241523	37.303	ng	90
67) Hexachlorobenzene	11.15	284	246943	36.250	ng #	89
68) Atrazine	11.23	200	214690	36.357	ng	96
69) Pentachlorophenol	11.35	266	226655	69.513	ng	97
70) Phenanthrene	11.57	178	1002427	35.672	ng	99
71) Anthracene	11.62	178	1022654	35.507	ng	100
72) Carbazole	11.78	167	870192	34.006	ng	99
73) Di-n-butylphthalate	12.09	149	1128047	38.919	ng	100
74) Fluoranthene	12.77	202	936611	30.540	ng	94
76) Benzidine	12.88	184	468513	38.452	ng	98
77) Pyrene	12.99	202	885945	42.910	ng	100
79) Butylbenzylphthalate	13.59	149	362521	44.219	ng #	96
80) Benzo(a)anthracene	14.18	228	677059	36.176	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	226577	33.781	ng #	98
82) Chrysene	14.22	228	618976	36.074	ng	98
83) Bis(2-ethylhexyl)phthalate	14.15	149	483607	43.560	ng	100
84) Di-n-octyl phthalate	14.77	149	736445	43.495	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	677168	45.548	ng #	90
87) Benzo(b)fluoranthene	15.28	252	687315	33.879	ng #	97
88) Benzo(k)fluoranthene	15.31	252	569148	30.519	ng #	96
89) Benzo(a)pyrene	15.68	252	620243	34.142	ng #	96
90) Dibenzo(a,h)anthracene	17.38	278	569695	37.901	ng #	93
91) Benzo(g,h,i)perylene	17.86	276	529807	35.796	ng #	90

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



#1

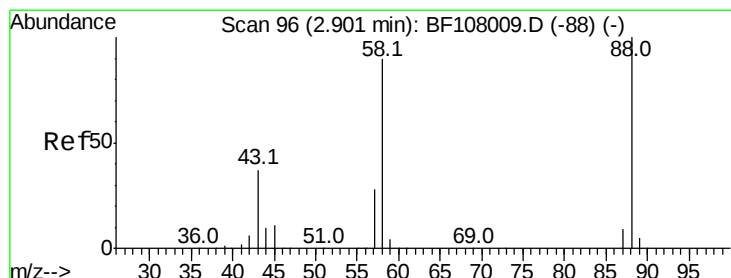
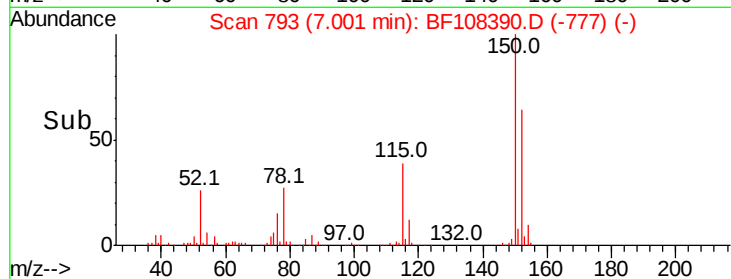
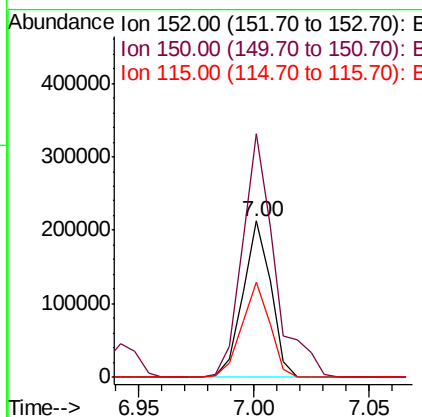
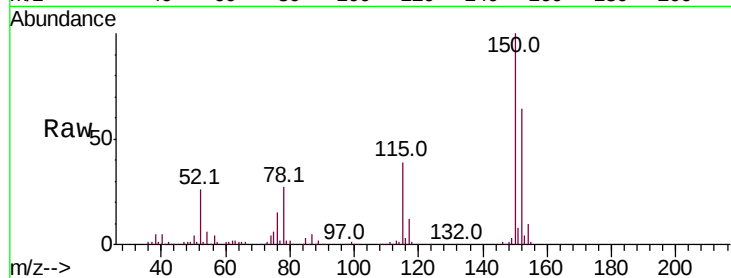
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
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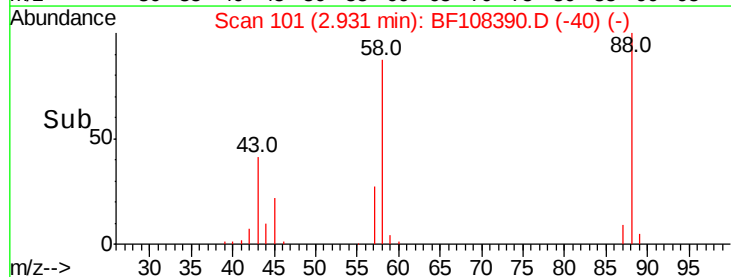
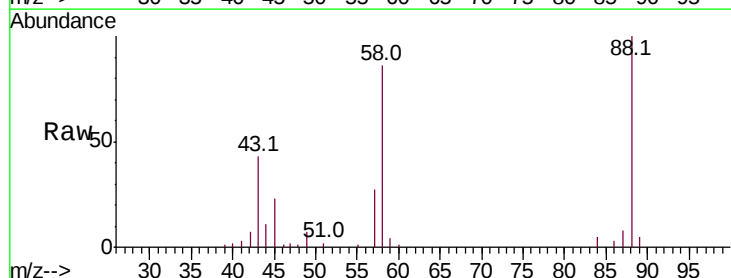
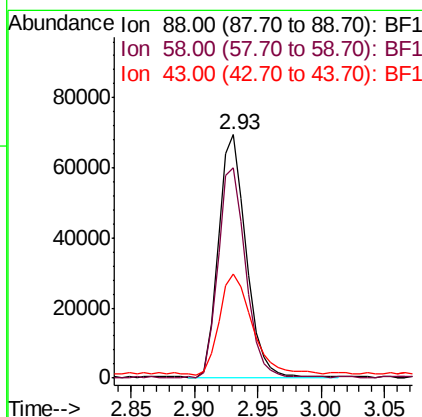
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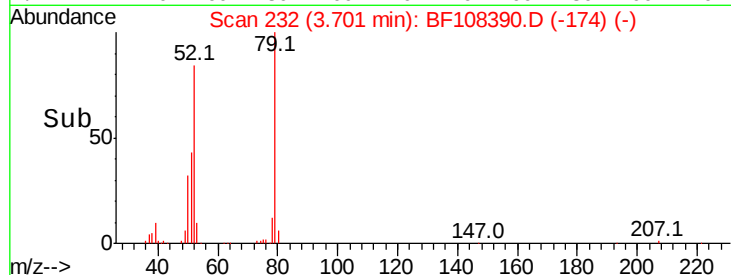
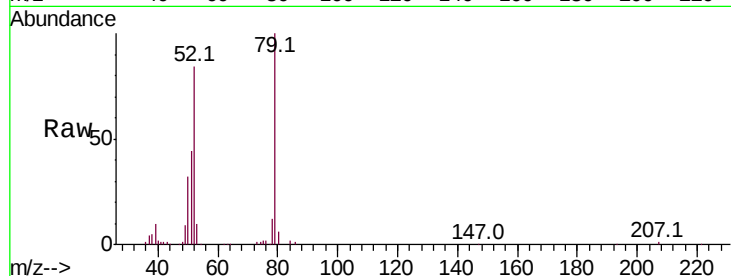
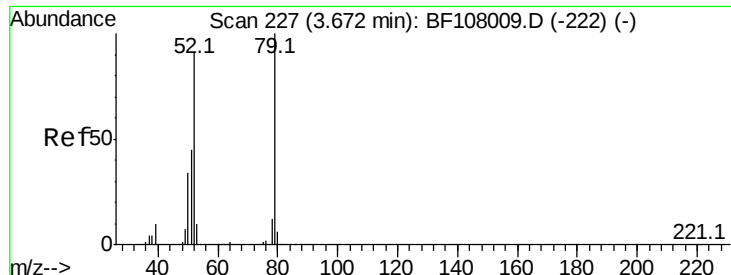


#2

1,4-Dioxane
Concen: 20.740 ng
RT: 2.93 min Scan# 101
Delta R.T. 0.06 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	62.6	93.8
43	48.6	24.6	37.0





#3

Pvridine

Concen: 22.547 ng

RT: 3.70 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF108390.D

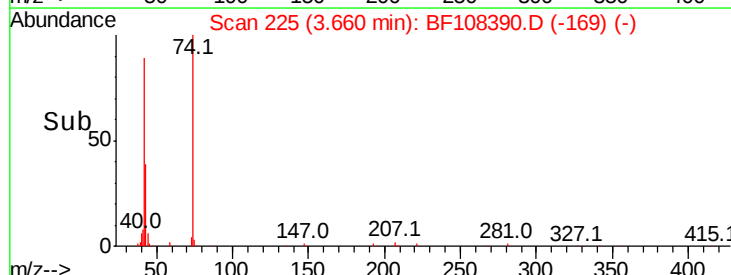
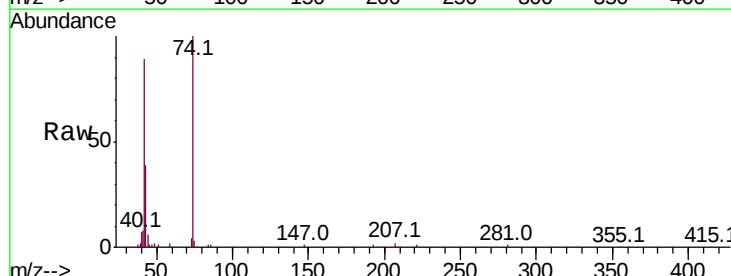
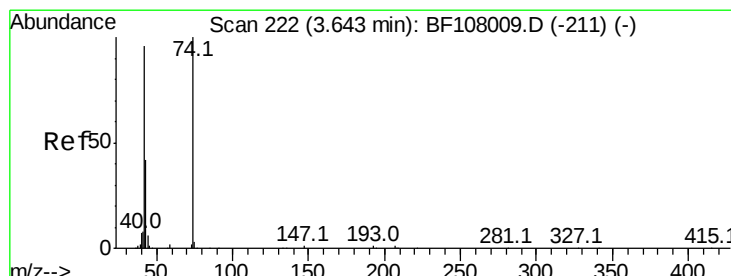
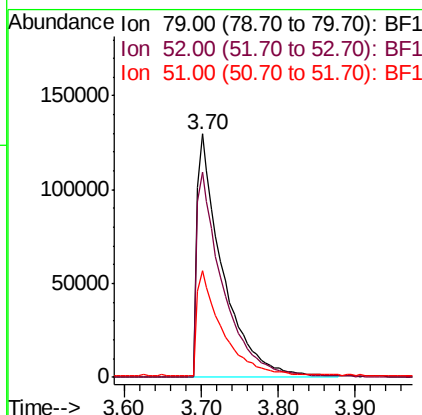
Acq: 22 Aug 2018 18:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		298159		
52	84.5	59.8	89.6		
51	43.6	29.8	44.8		

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 26.626 ng

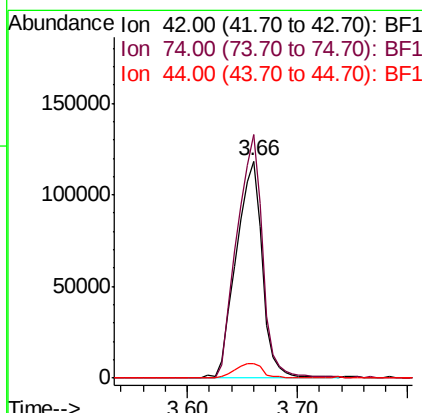
RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		198127		
74	112.1	104.9	157.3		
44	6.9	6.9	10.3#		





#5

2-Fluorophenol

Concen: 91.070 ng

RT: 5.63 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

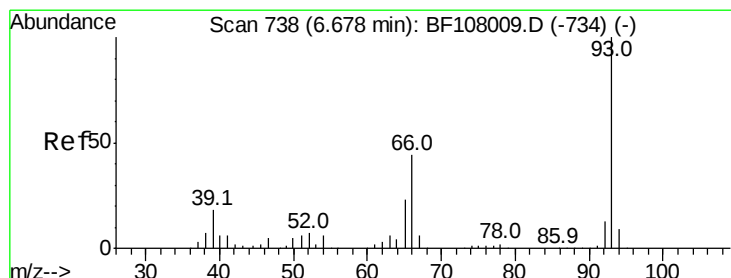
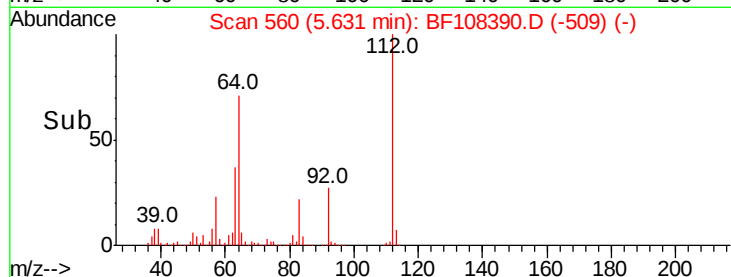
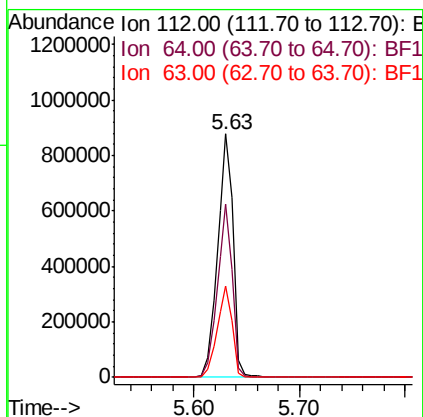
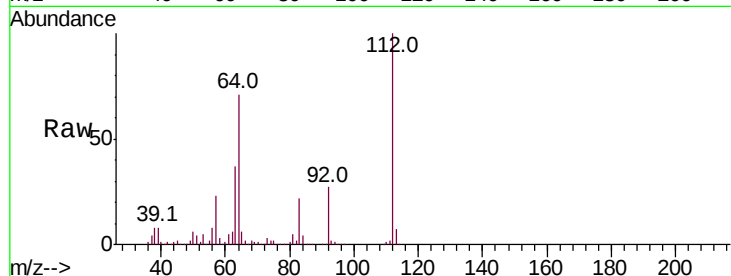
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:	112	Resp:	909834
Ion Ratio	Lower	Upper	
112	100		
64	71.2	47.9	71.9
63	37.3	23.7	35.5#

Manual Integrations
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#6

Aniline

Concen: 28.900 ng

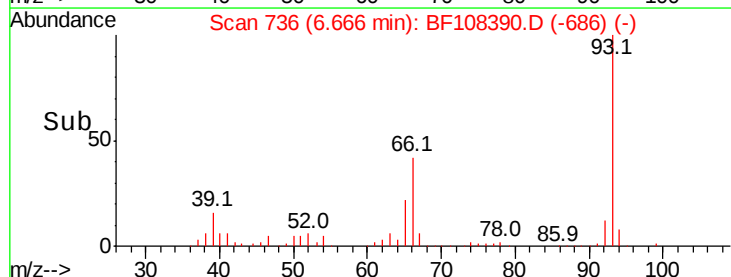
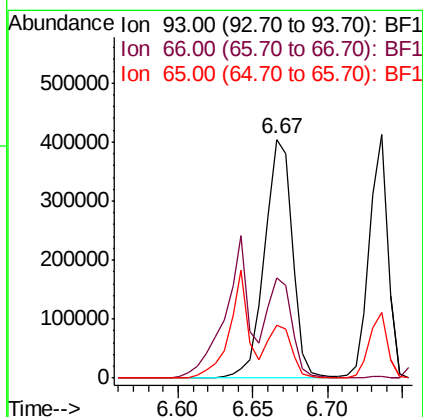
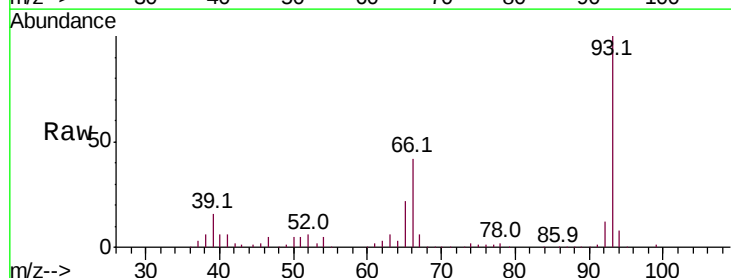
RT: 6.67 min Scan# 736

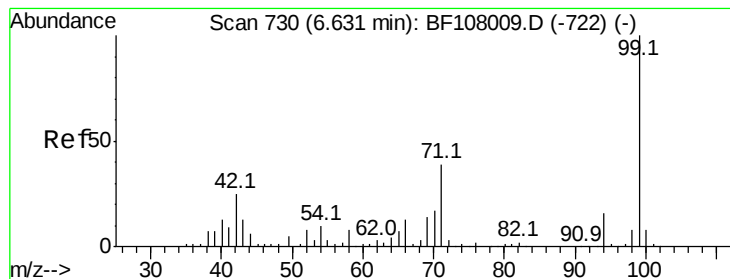
Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	93	Resp:	521884
Ion Ratio	Lower	Upper	
93	100		
66	42.1	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 94.583 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-037MSD

Tot Ion: 99 Resp: 1255693

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

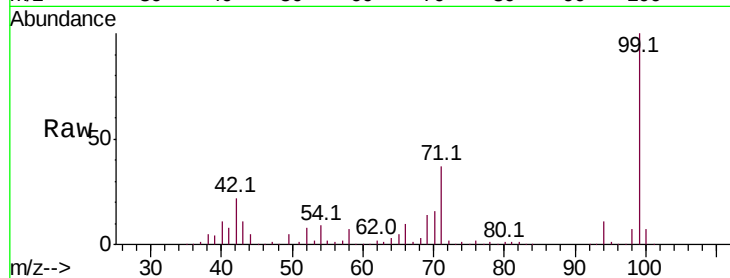
71 37.0 25.4 38.0

Manual Integrations

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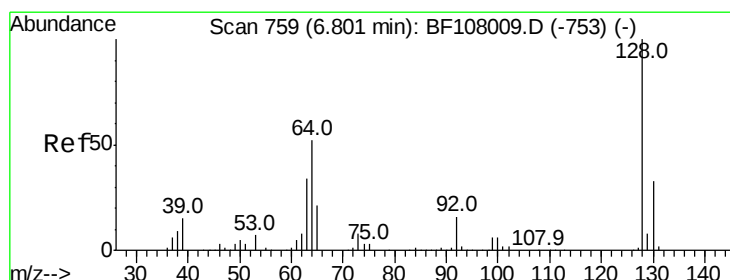
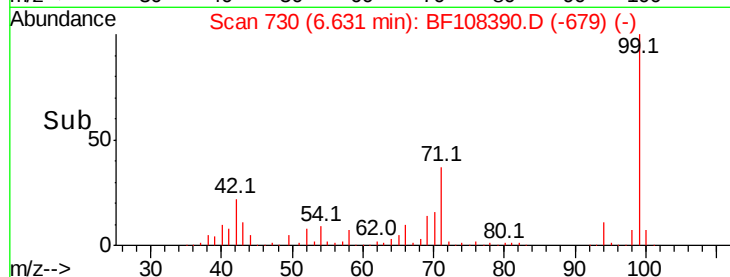
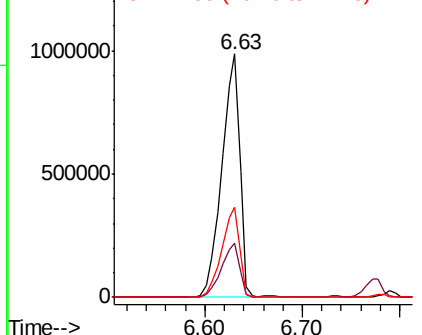
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.500 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

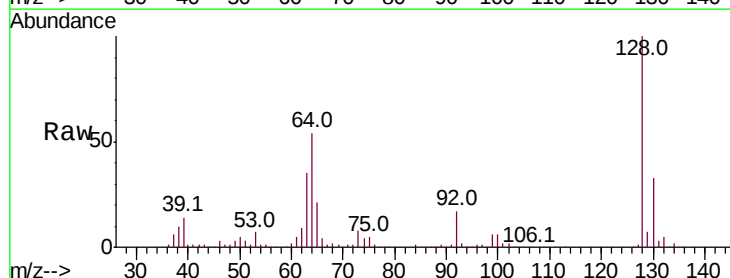
Tgt Ion:128 Resp: 365686

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

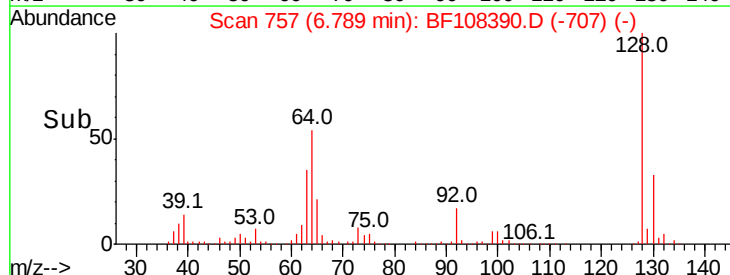
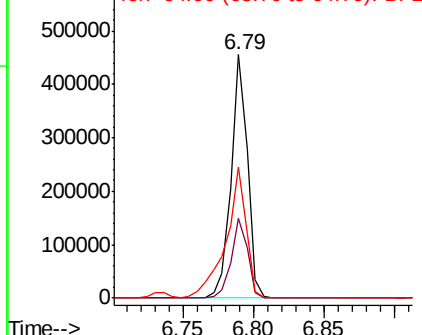
64 53.8 29.4 69.4

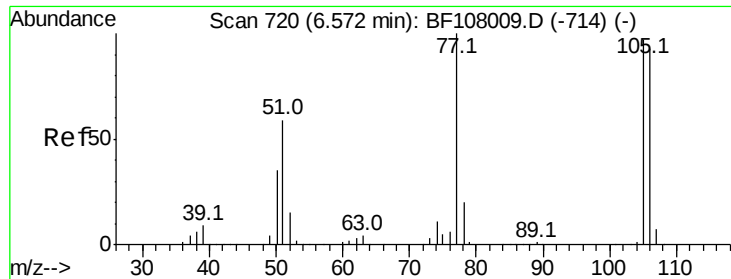


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.105 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

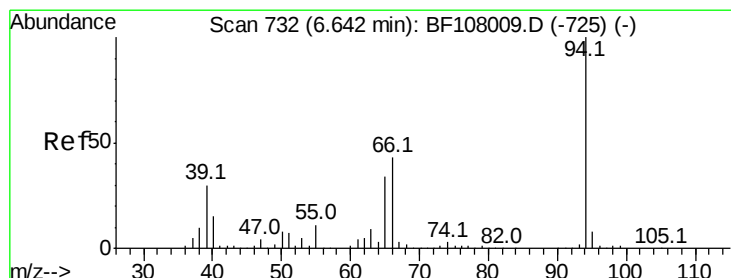
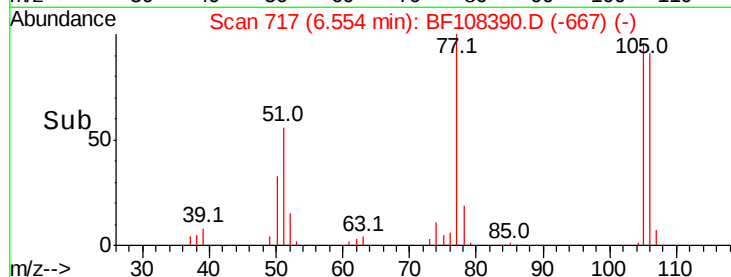
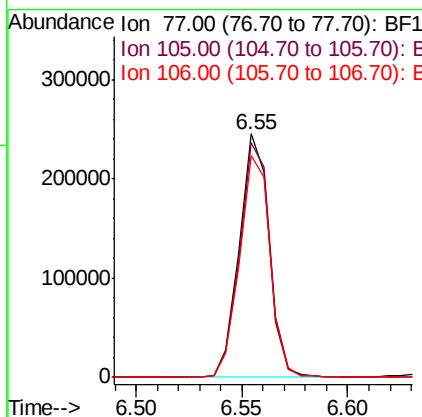
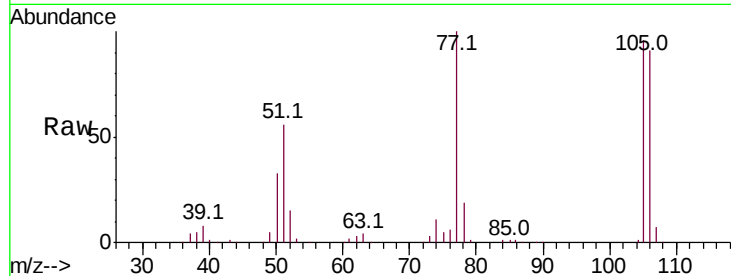
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:	77	Resp:	237824
Ion Ratio	Lower	Upper	
77	100		
105	96.1	81.1	121.1
106	91.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 33.416 ng

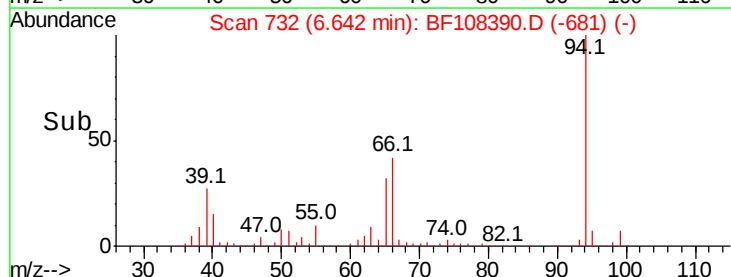
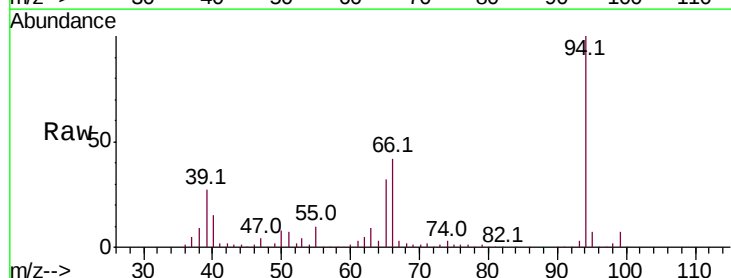
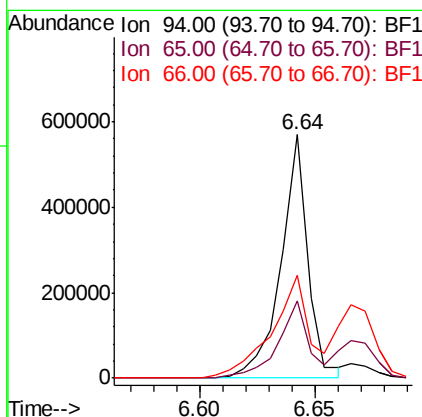
RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	94	Resp:	458888
Ion Ratio	Lower	Upper	
94	100		
65	31.9	7.9	47.9
66	42.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 31.728 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

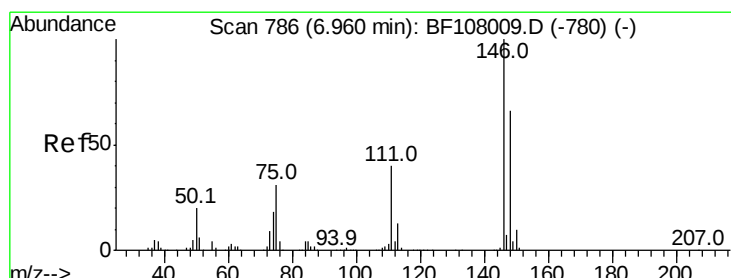
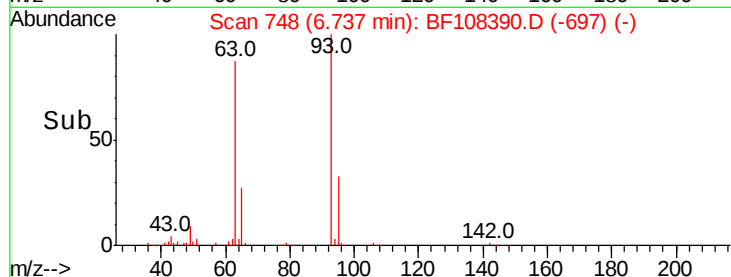
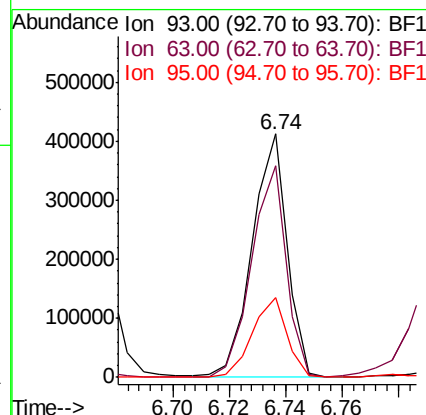
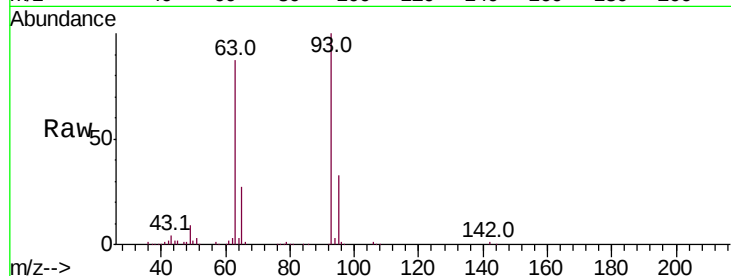
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:	93	Resp:	352246
Ion Ratio	Lower	Upper	
93	100		
63	86.7	58.6	98.6
95	32.8	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 30.274 ng

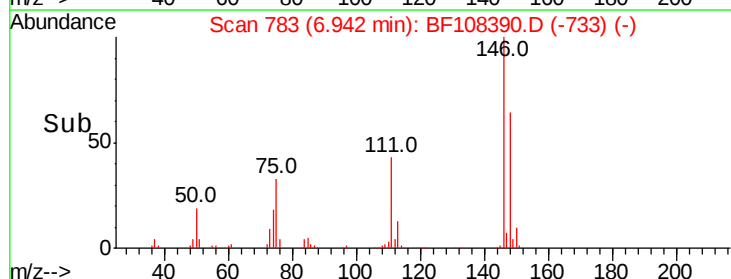
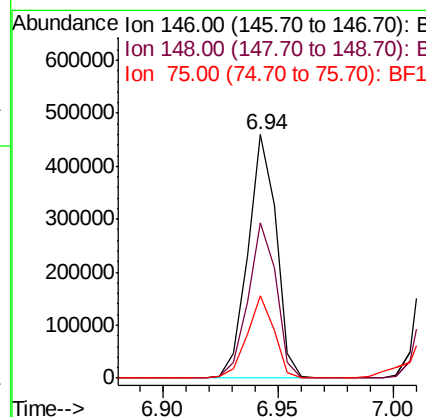
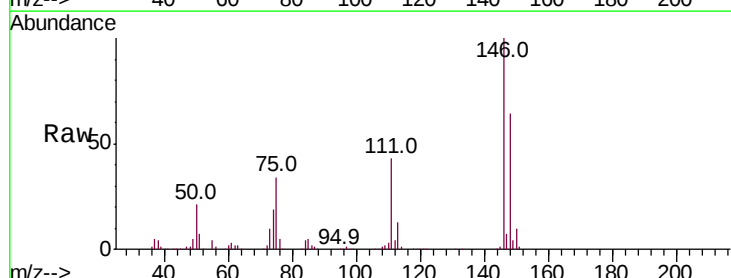
RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	146	Resp:	393878
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	33.9	24.2	36.4





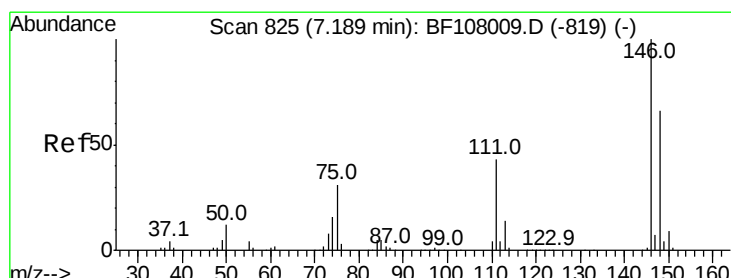
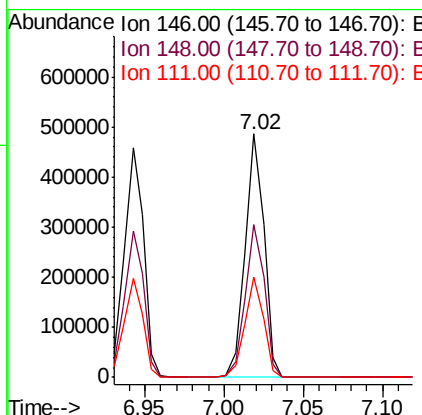
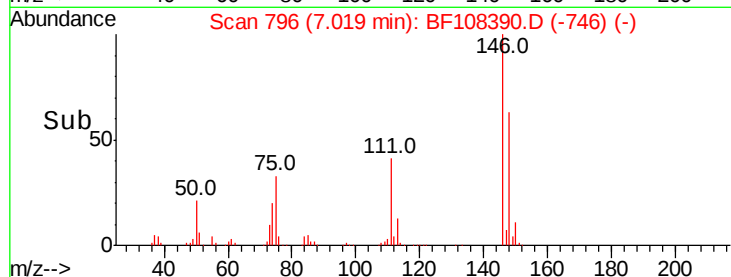
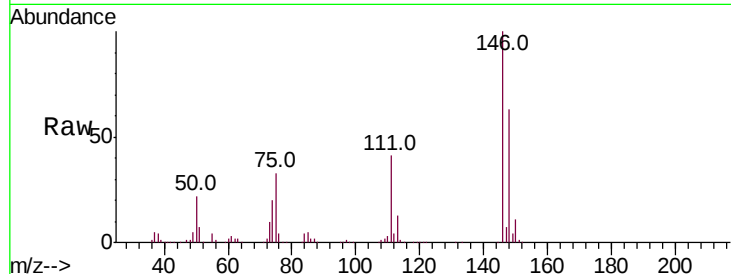
#13
1,4-Dichlorobenzene
Concen: 30.642 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	41.3	34.2	51.2

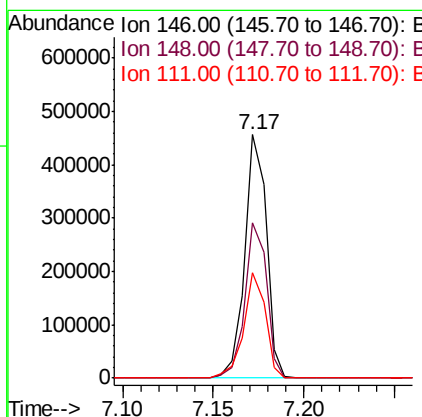
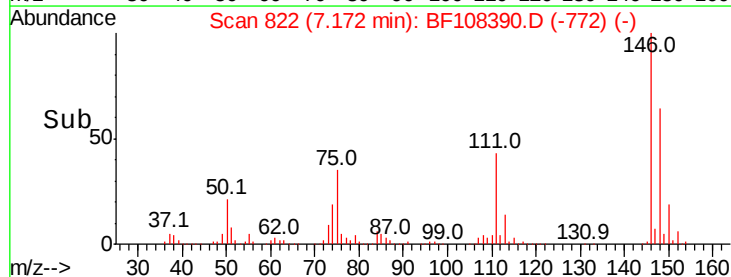
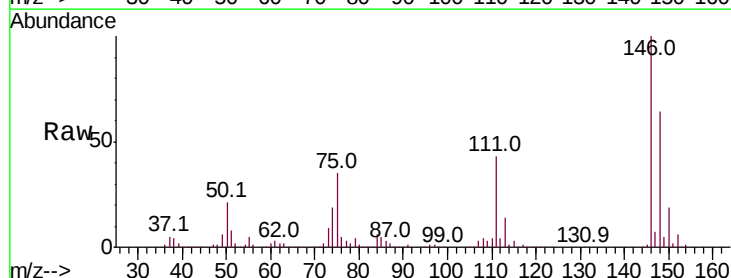
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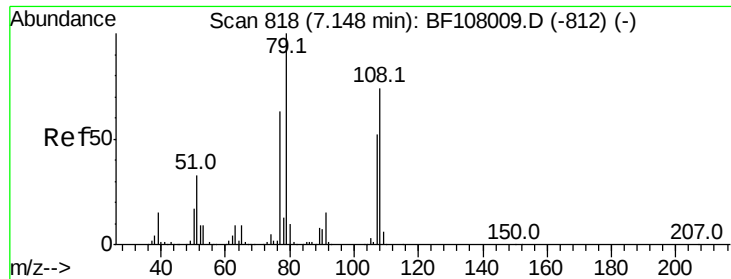
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#14
1,2-Dichlorobenzene
Concen: 31.039 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	43.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.070 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

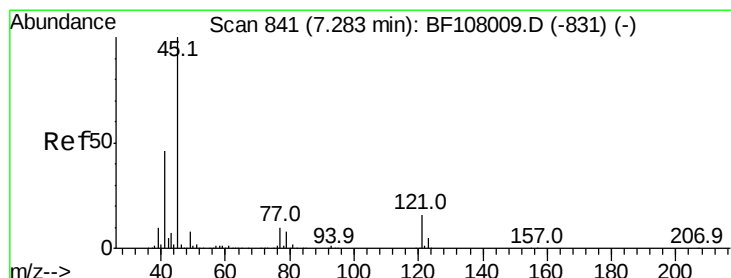
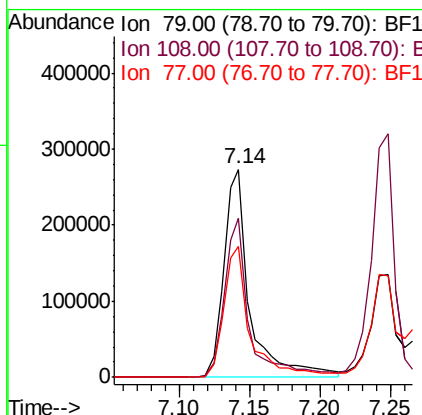
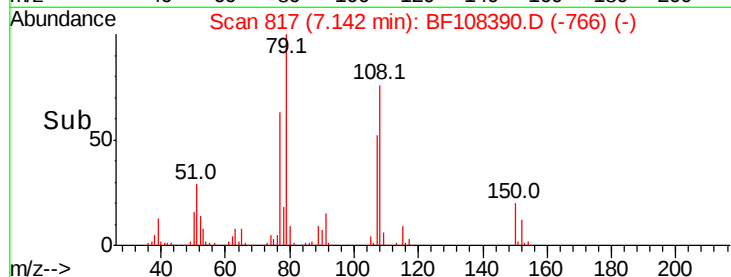
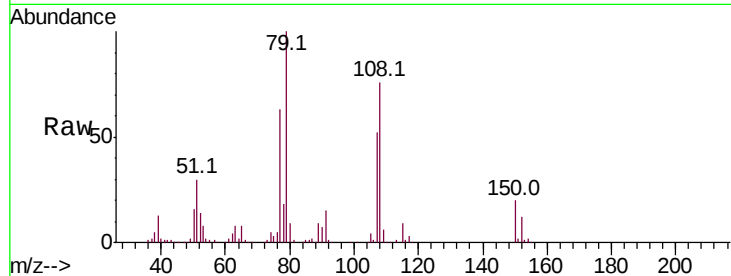
ClientSampleId :

FK-PS-01-037MSD

Tot Ion	79	Resp	347256
Ion Ratio	Lower	Upper	
79	100		
108	76.5	65.1	97.7
77	62.9	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.483 ng

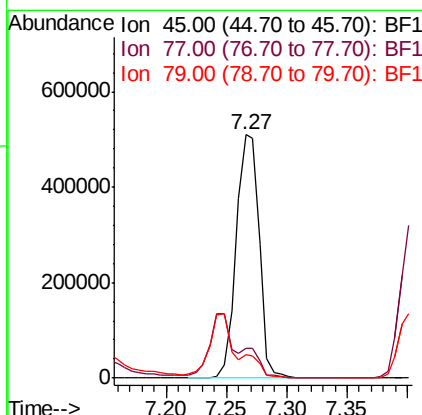
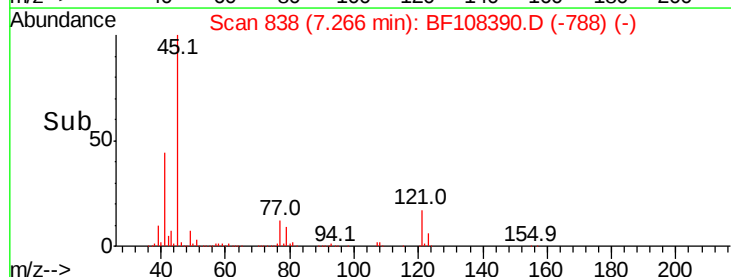
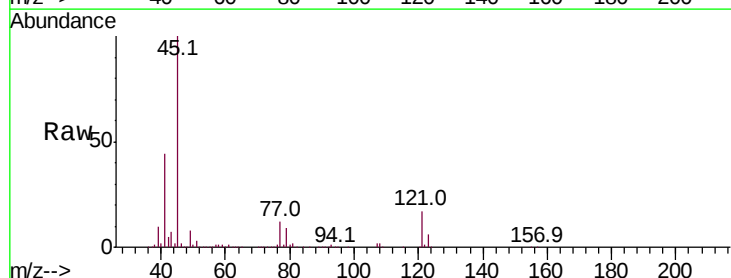
RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion	45	Resp	674328
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.9
79	9.4	0.0	29.6





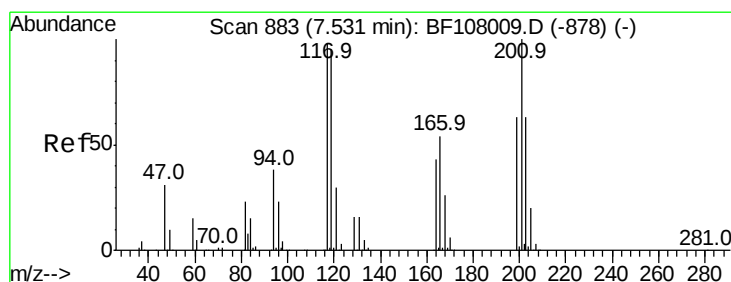
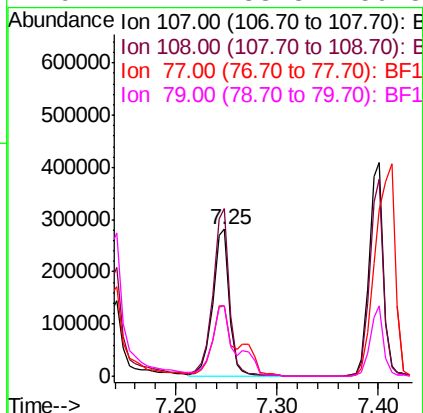
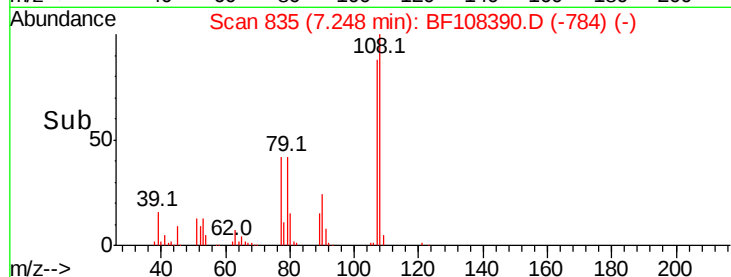
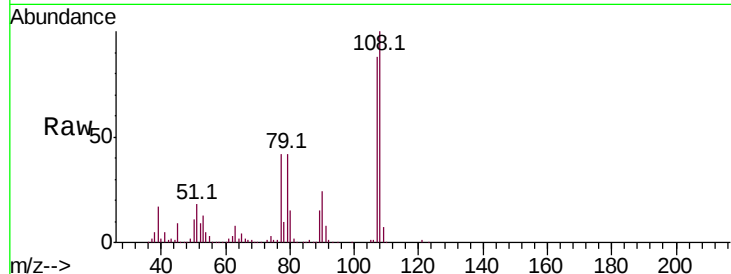
#17
2-Methylphenol
Concen: 33.605 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.7	137.5	
77	47.6	33.8	50.8	
79	47.7	33.8	50.8	

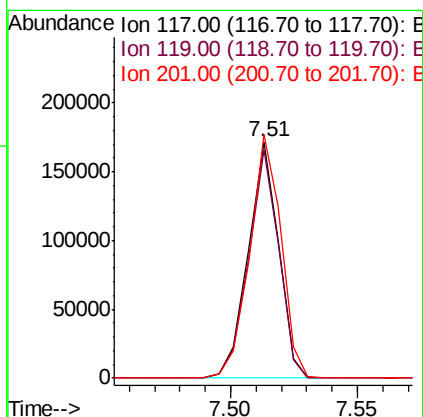
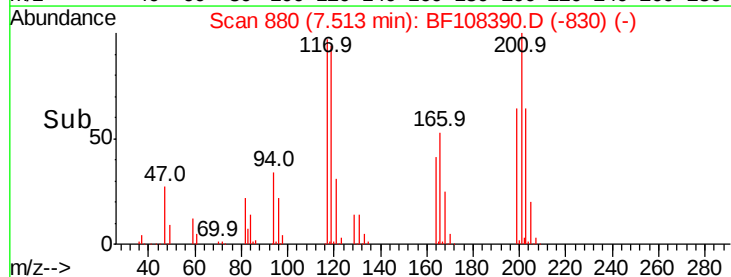
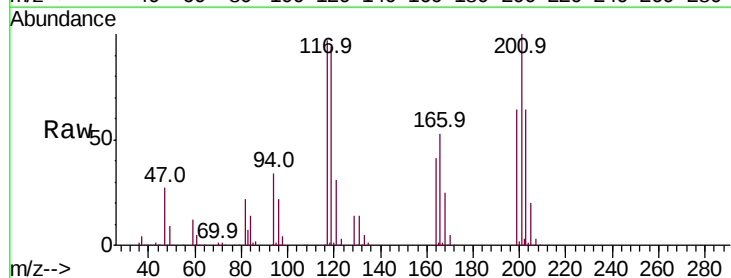
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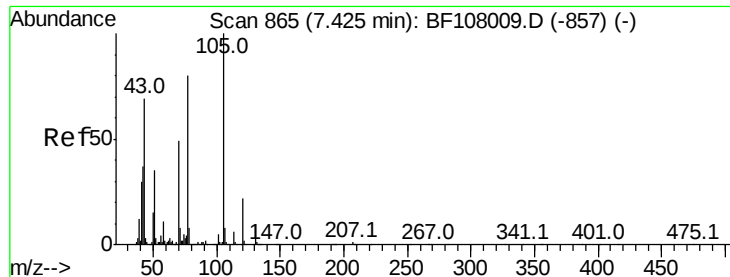
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#18
Hexachloroethane
Concen: 30.881 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	75.8	113.8	
201	103.0	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 30.910 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

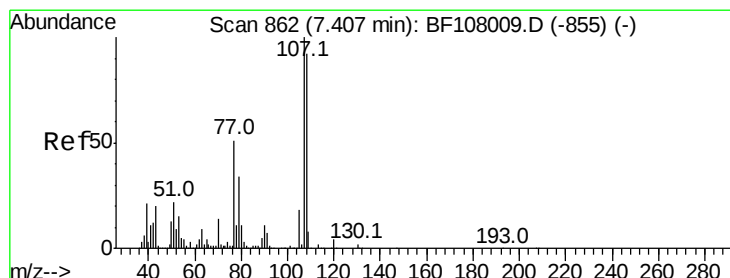
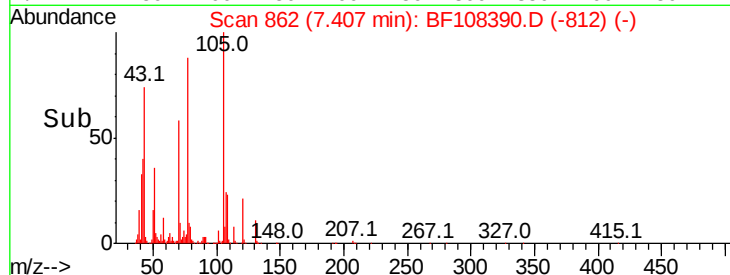
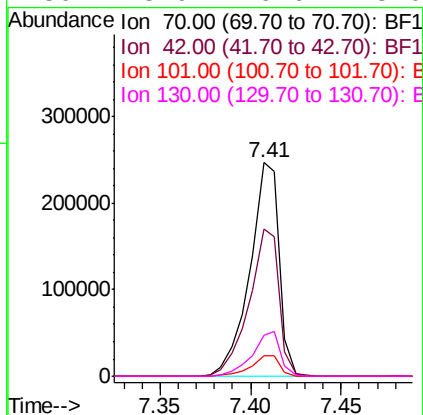
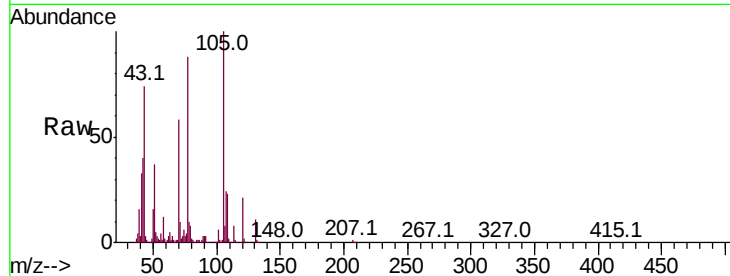
ClientSampleId :

FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.2	47.5	71.3
101	9.5	7.4	11.2
130	18.9	16.6	25.0

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#20

3+4-Methylphenols

Concen: 32.406 ng

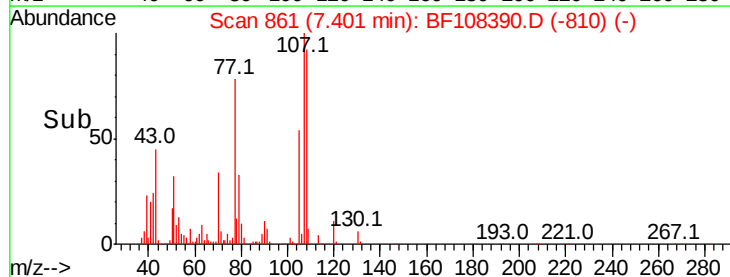
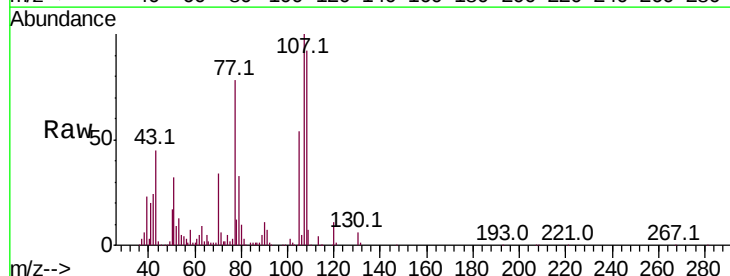
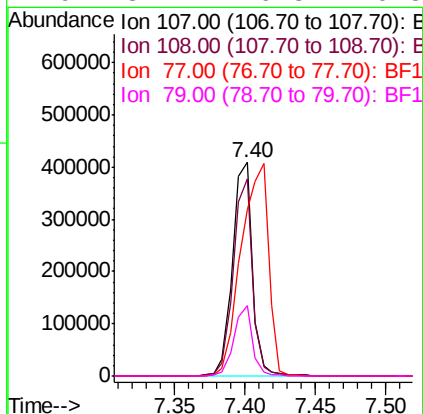
RT: 7.40 min Scan# 861

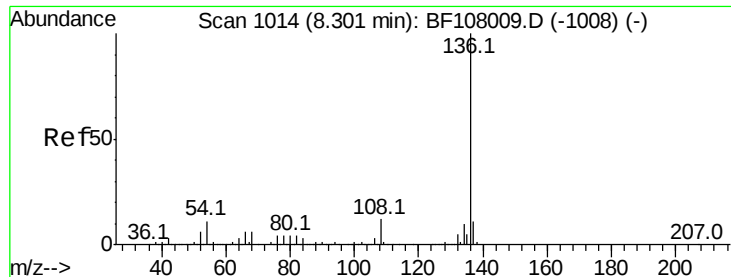
Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	78.0	26.7	66.7#
79	32.7	6.3	46.3





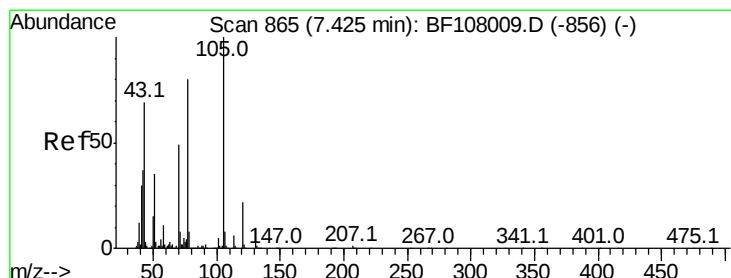
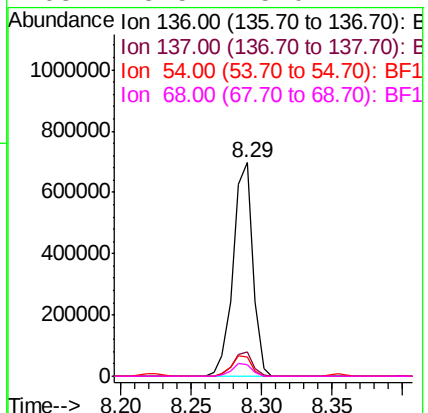
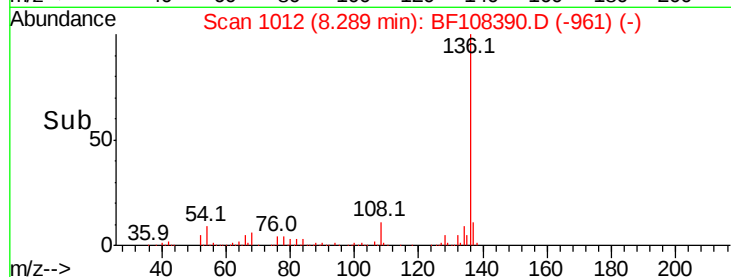
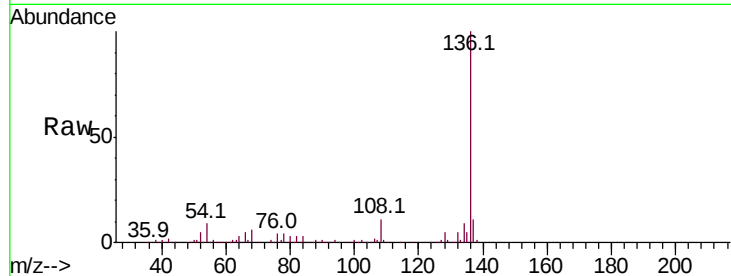
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	9.3	6.6	9.8	
68	5.5	5.0	7.4	

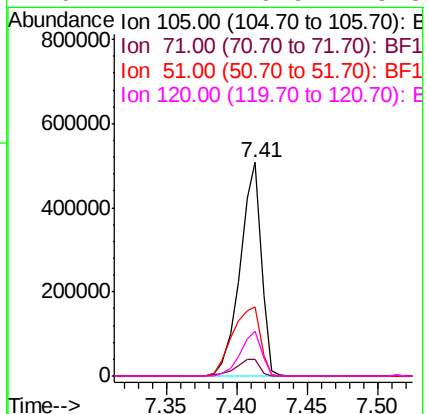
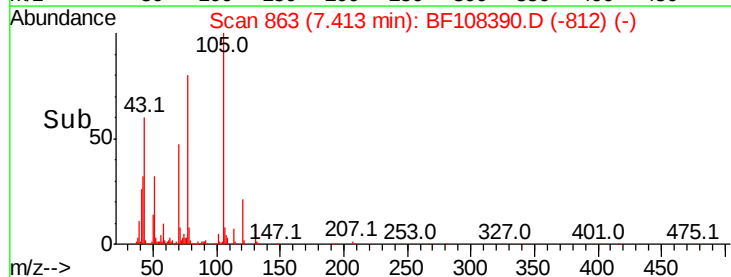
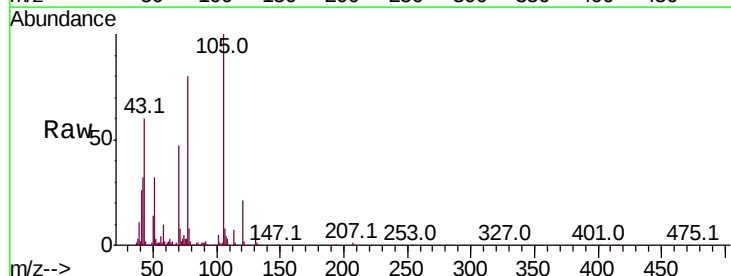
Manual Integrations
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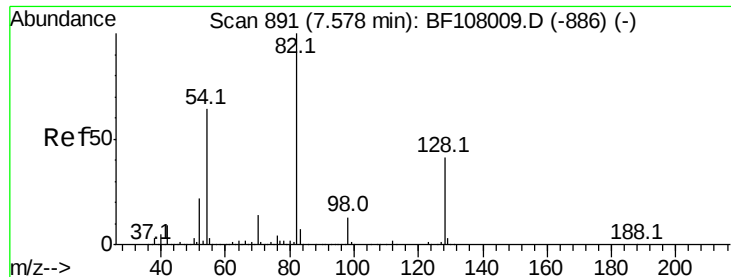
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#22
Acetophenone
Concen: 33.427 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6#	
51	32.2	22.3	33.5	
120	21.1	16.9	25.3	





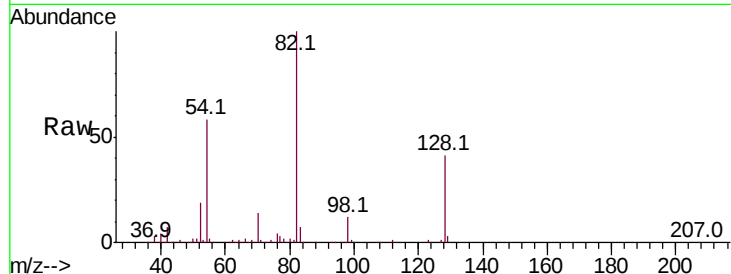
#23
 Nitrobenzene-d5
 Concen: 68.164 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

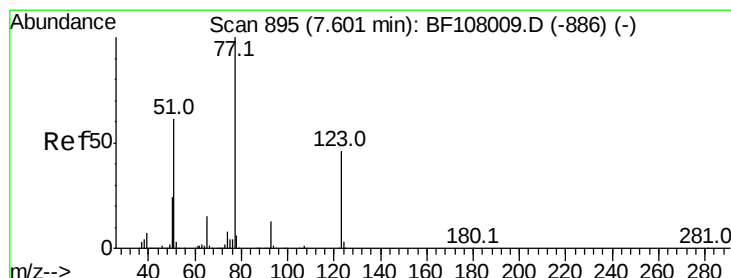
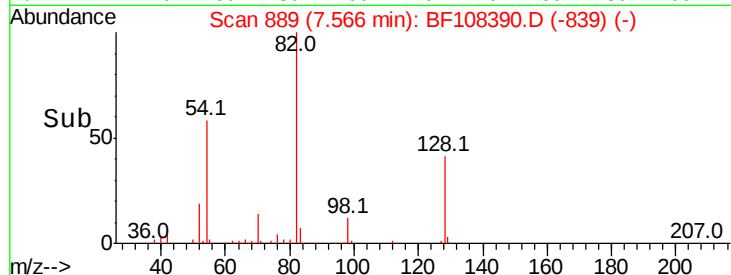
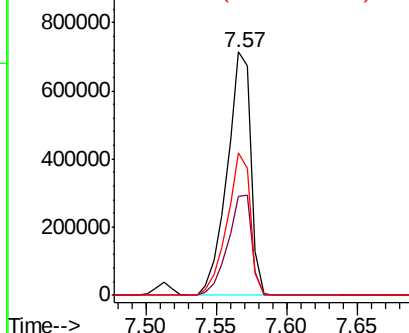
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	58.4	41.4	62.2

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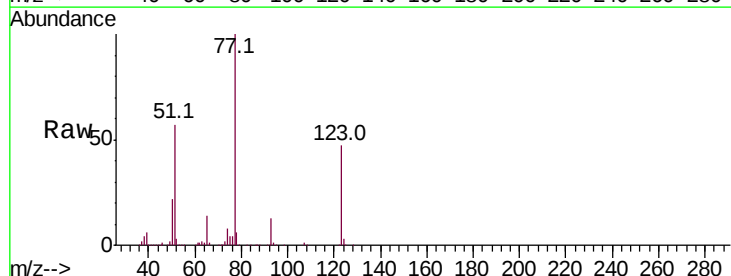


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

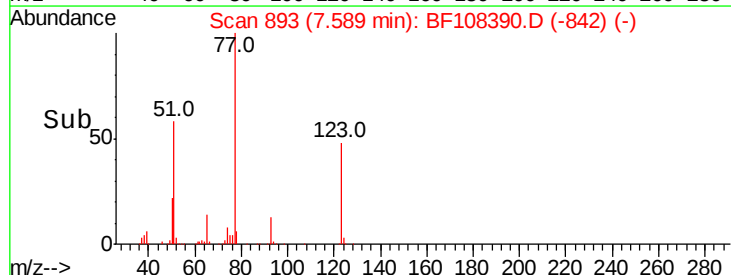
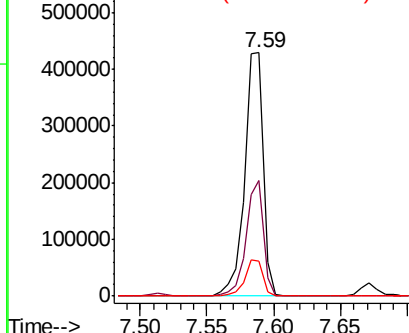


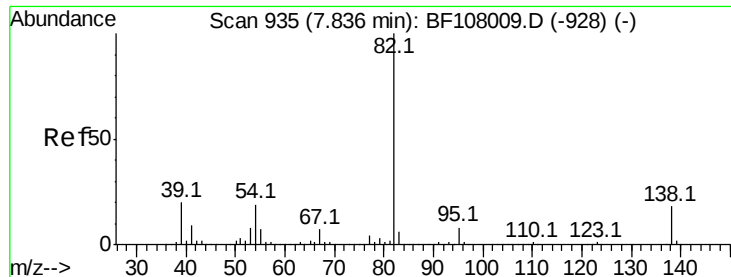
#24
 Nitrobenzene
 Concen: 33.507 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	14.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 32.995 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

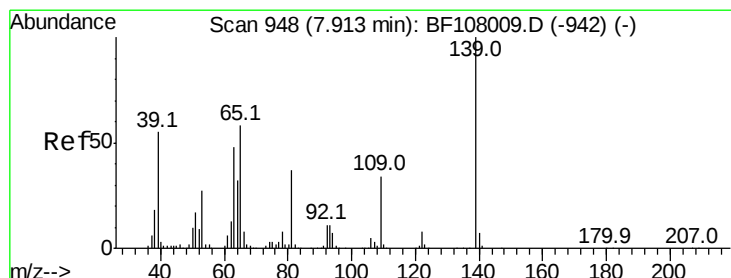
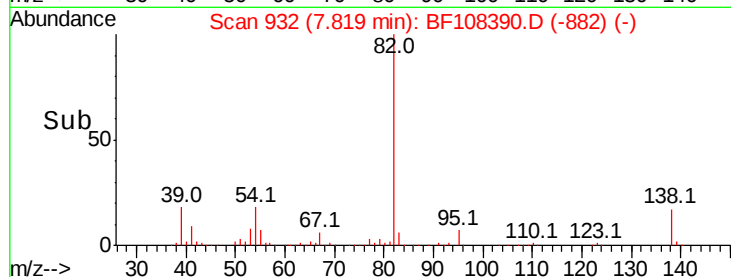
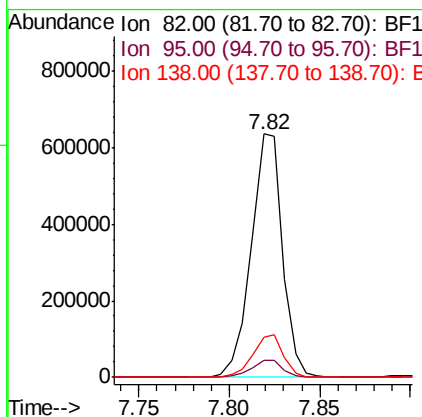
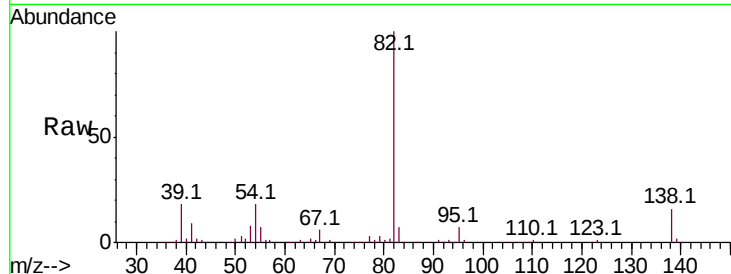
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:	82	Resp:	764039
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.393 ng

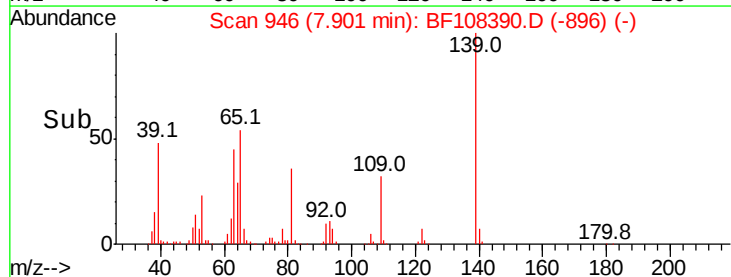
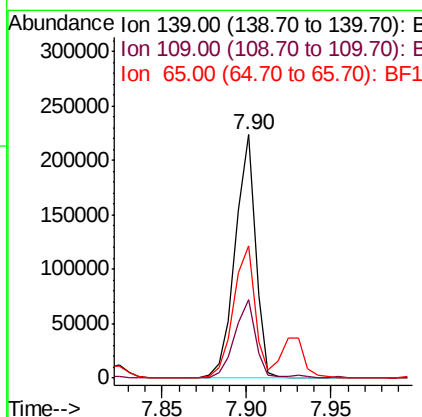
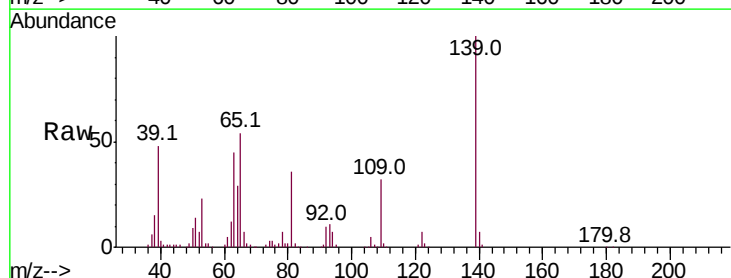
RT: 7.90 min Scan# 946

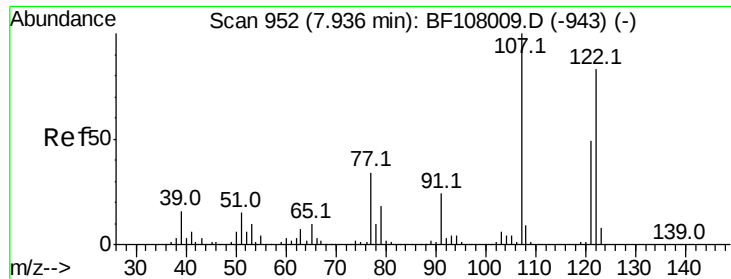
Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	139	Resp:	187403
Ion Ratio	Lower	Upper	
139	100		
109	32.4	22.7	34.1
65	54.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 33.992 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

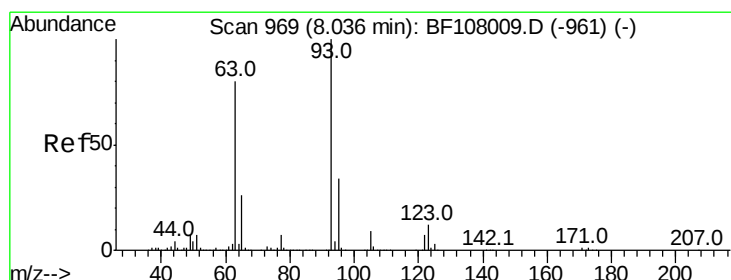
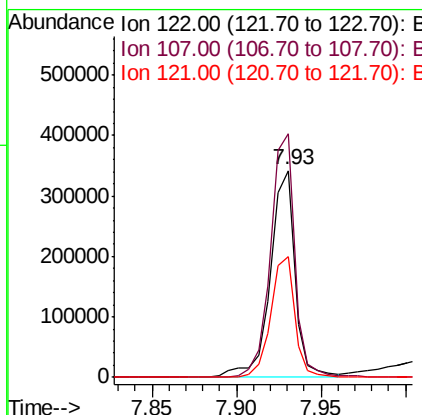
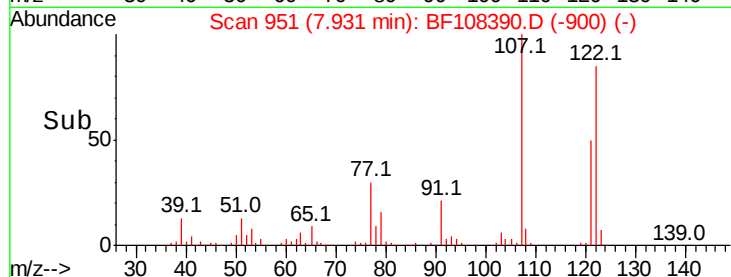
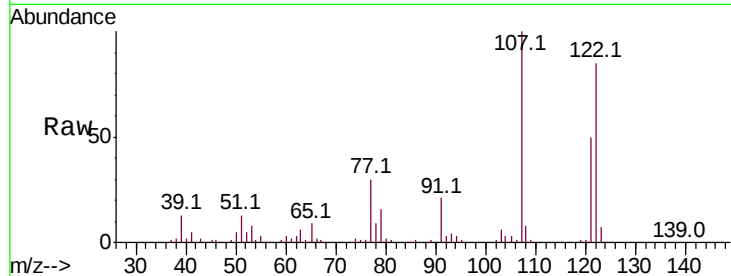
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:	122	Resp:	349350
Ion Ratio	Lower	Upper	
122	100		
107	117.7	91.2	136.8
121	58.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 33.754 ng

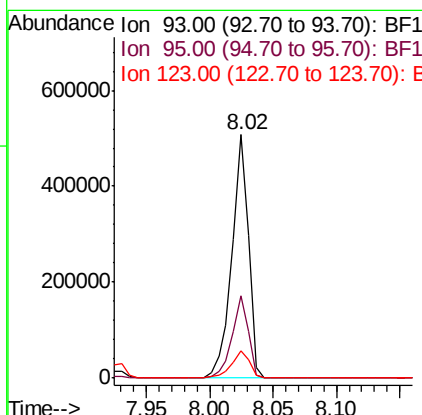
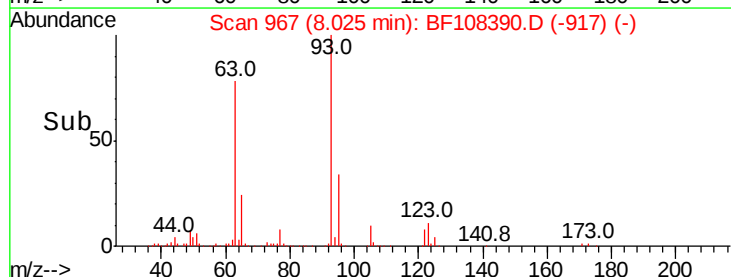
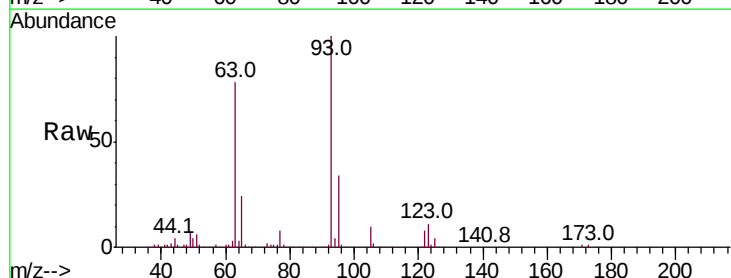
RT: 8.02 min Scan# 967

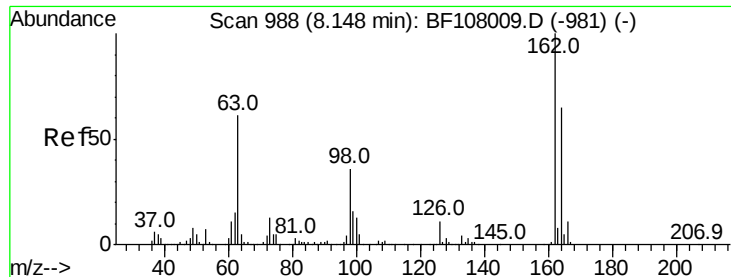
Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	93	Resp:	456290
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.3	39.5
123	11.2	9.8	14.6





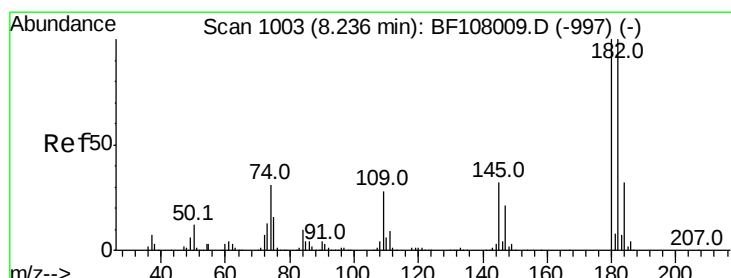
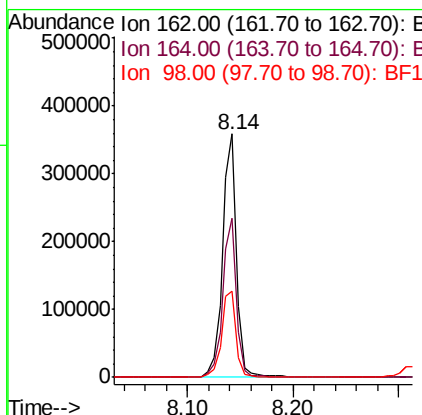
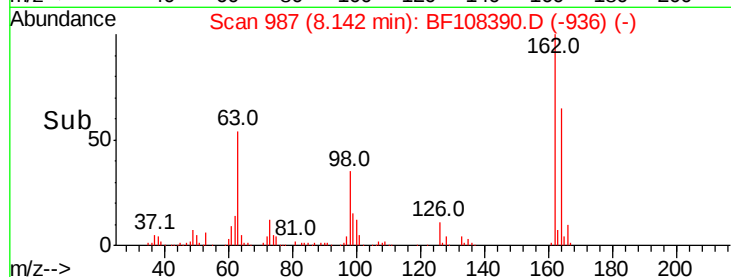
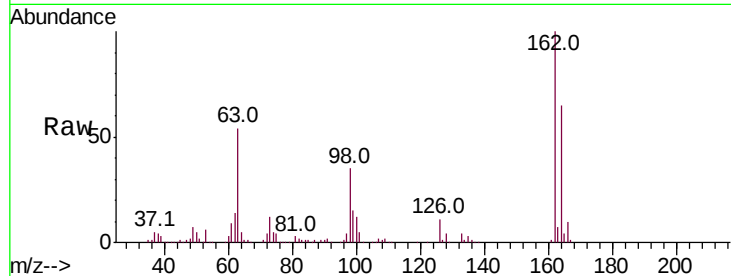
#29
2,4-Dichlorophenol
Concen: 35.008 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	331103		
164	65.2	42.7	82.7	
98	35.3	18.1	58.1	

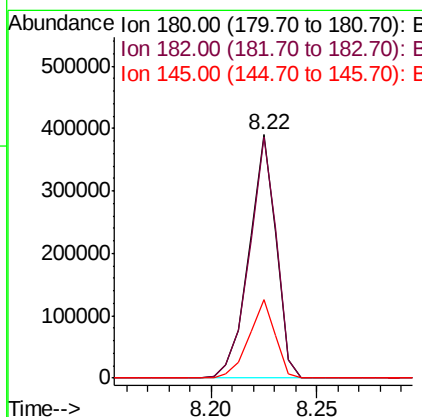
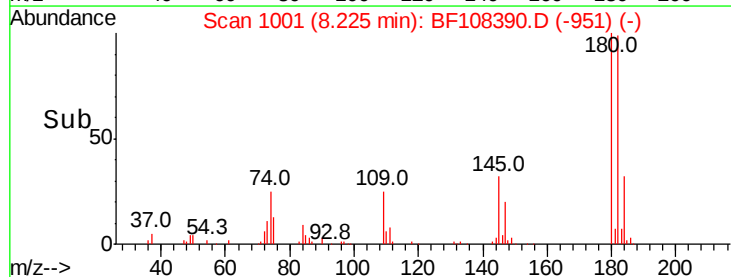
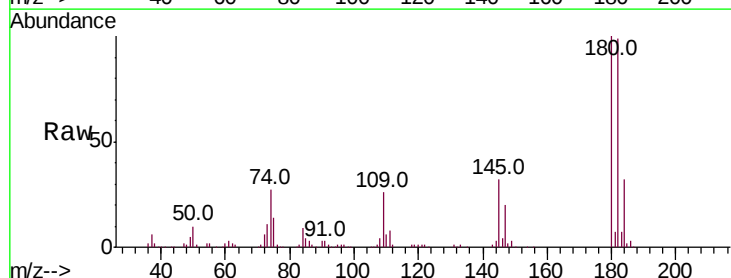
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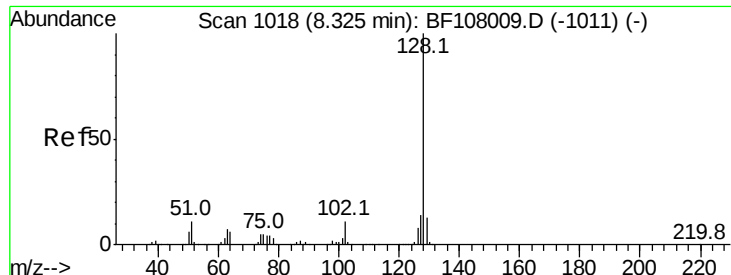
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#30
1,2,4-Trichlorobenzene
Concen: 33.388 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	348162		
182	99.1	76.8	115.2	
145	32.3	26.5	39.7	





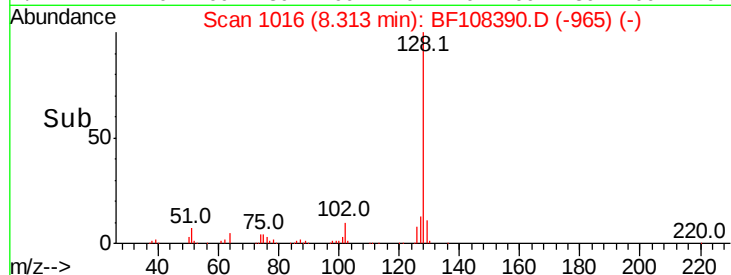
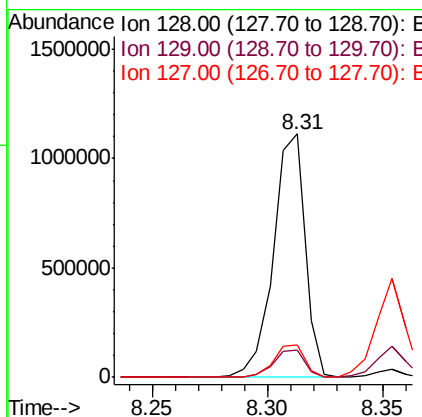
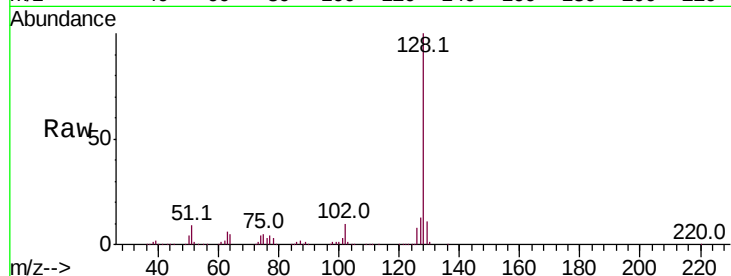
#31
Naphthalene
Concen: 34.348 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

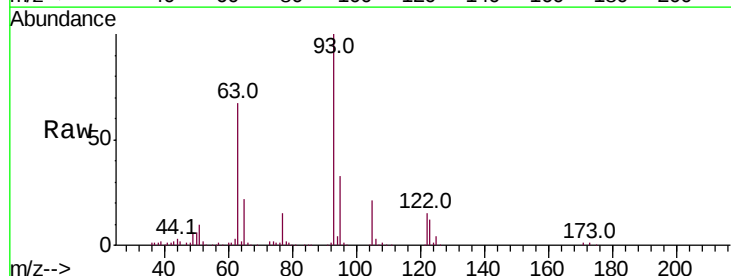
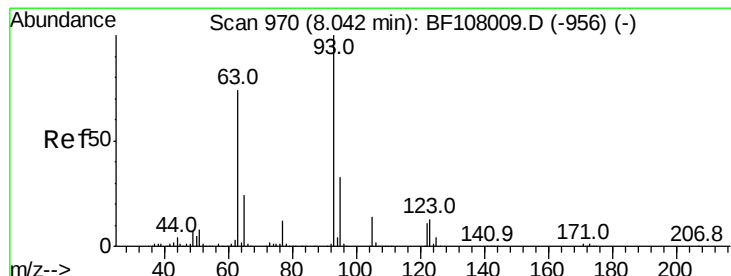
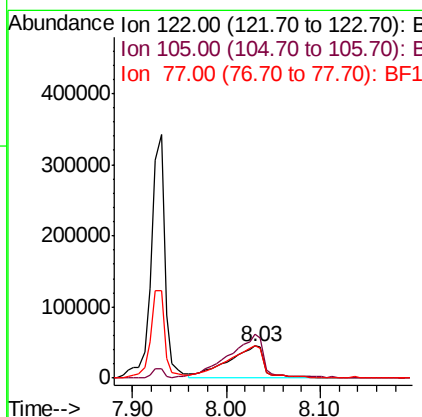
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#32
Benzoic acid
Concen: 23.997 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.0	101.1	141.1
77	100.2	70.7	110.7





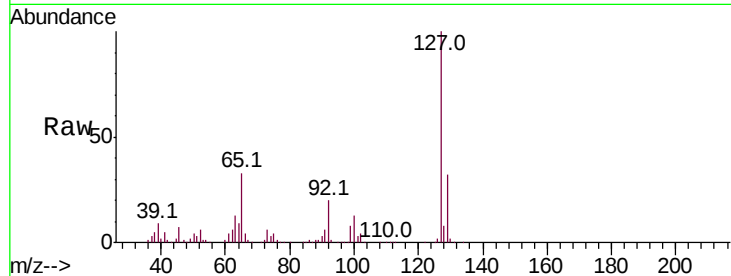
#33
 4-Chloroaniline
 Concen: 30.201 ng
 RT: 8.35 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

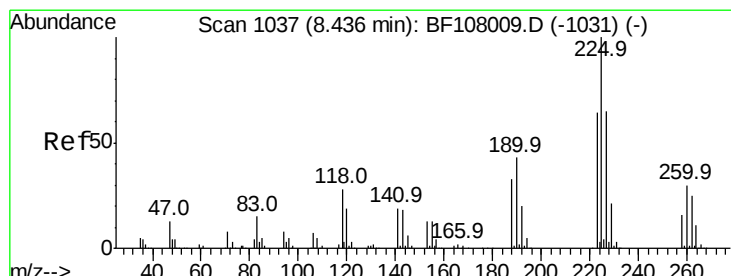
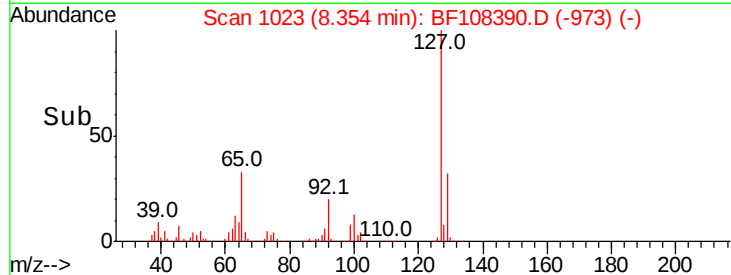
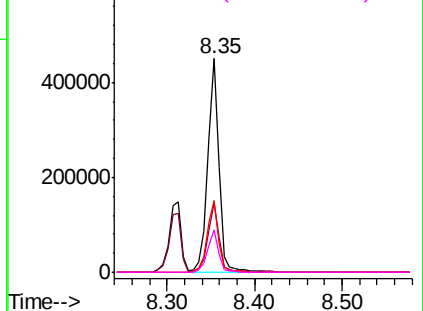
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	33.3	25.0	37.4	
92	19.8	15.2	22.8	

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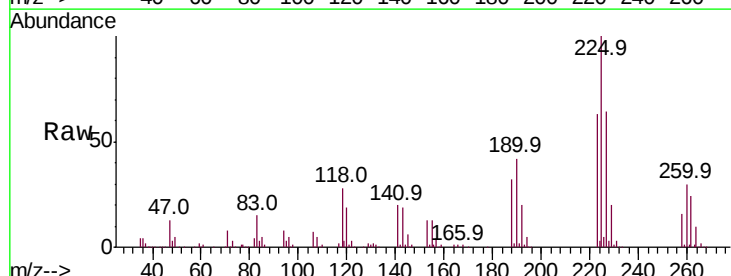


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

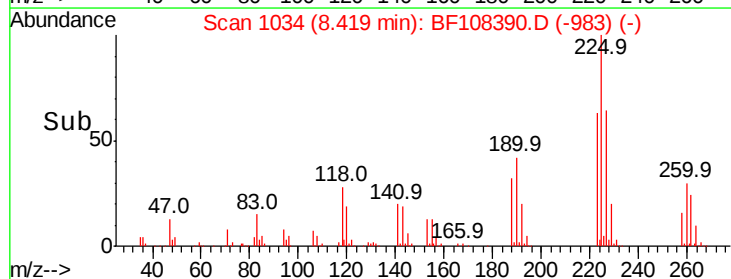
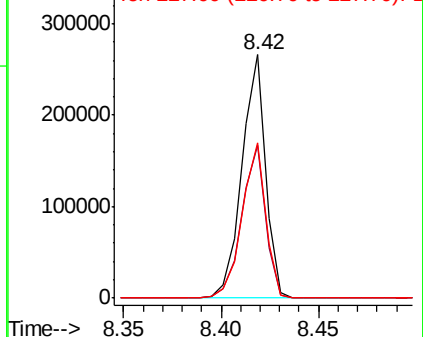


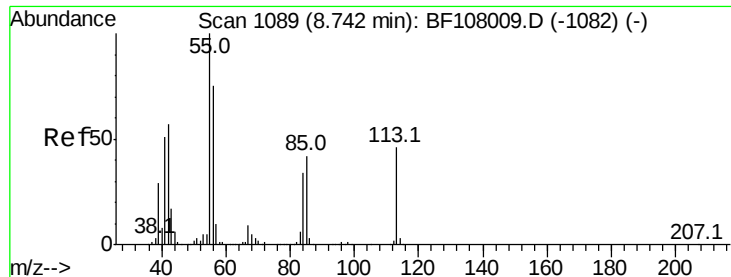
#34
 Hexachlorobutadiene
 Concen: 33.839 ng
 RT: 8.42 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.6	76.0	
227	63.6	51.9	77.9	



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





#35

Caprolactam

Concen: 32.291 ng/ml

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-037MSD

Tot Ion:113 Resp: 95707

Ion Ratio Lower Upper

113 100

55 204.7 163.3 203.3#

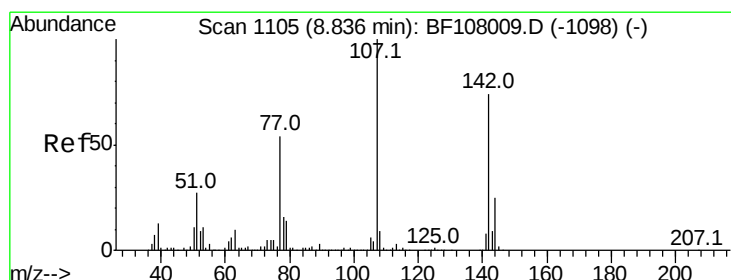
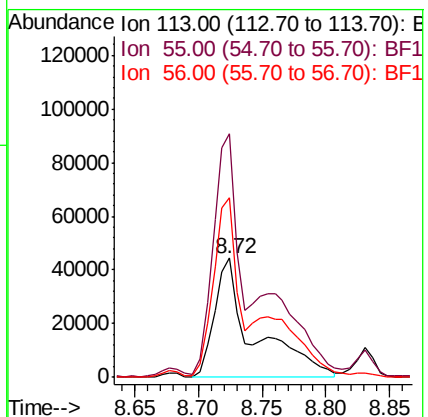
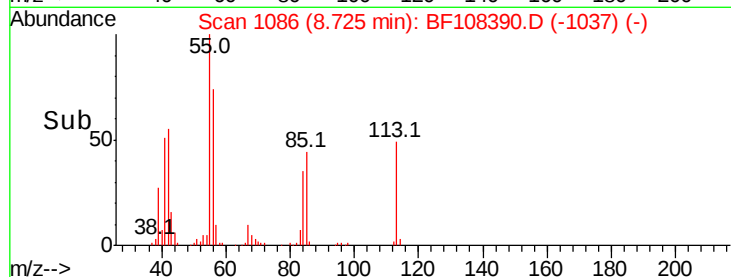
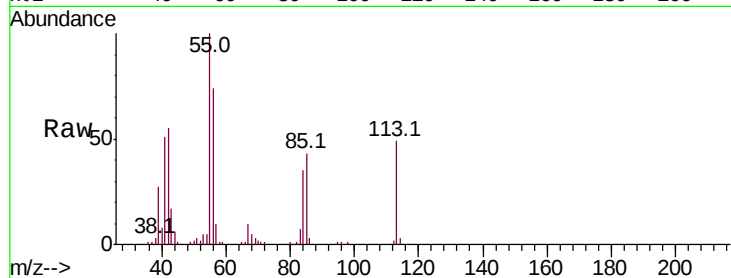
56 150.8 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 33.740 ng/ml

RT: 8.83 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

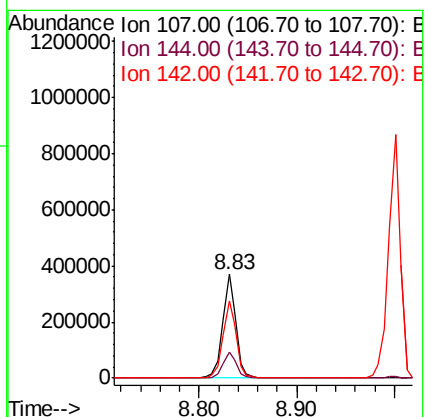
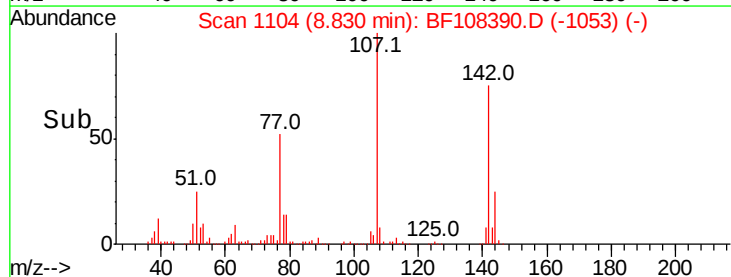
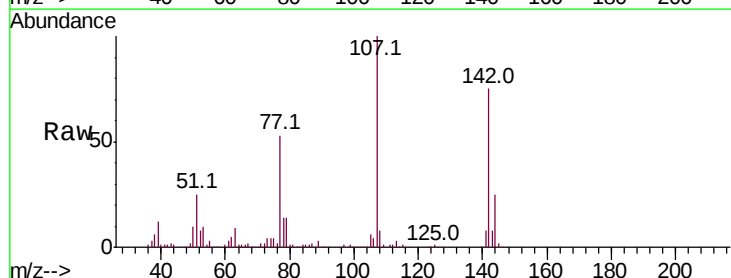
Tgt Ion:107 Resp: 344254

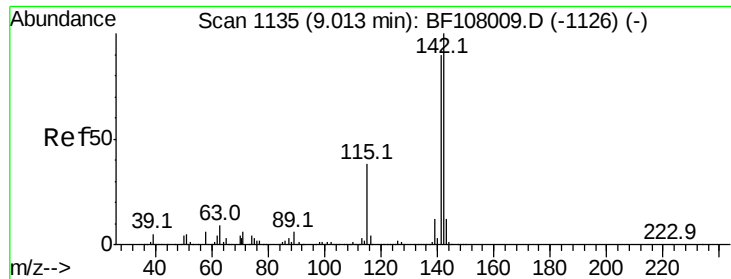
Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

142 74.6 62.0 93.0





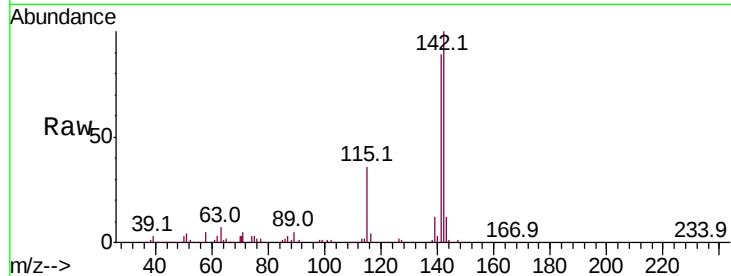
#37
2-Methylnaphthalene
Concen: 33.691 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	36.0	26.1	39.1

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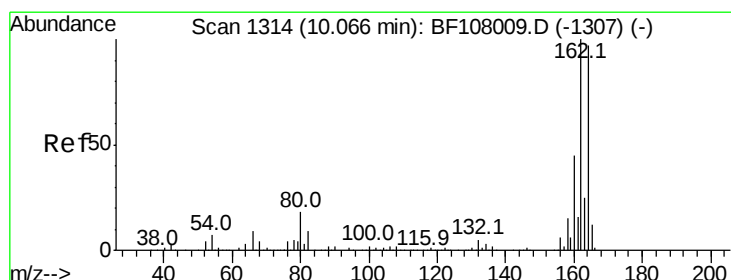
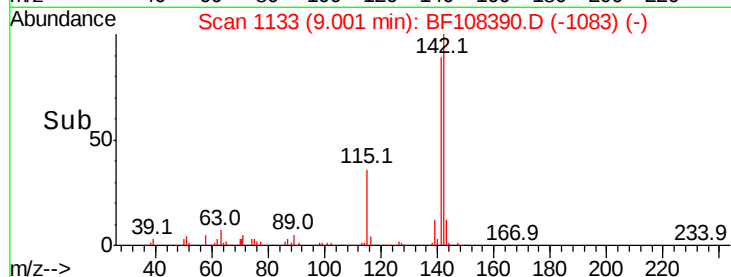
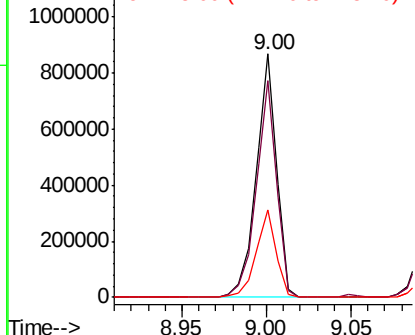


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

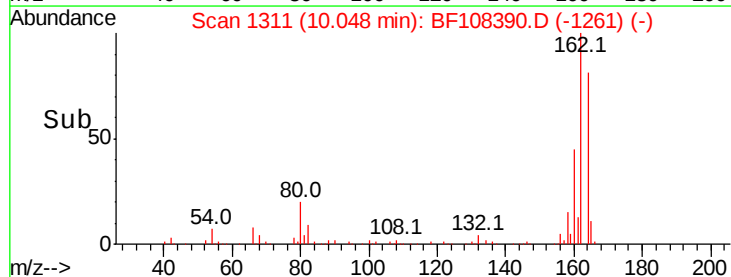
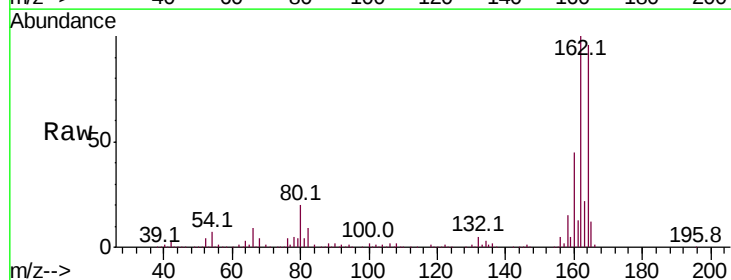
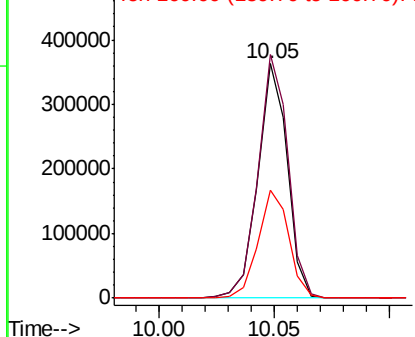
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.3	38.3	57.5

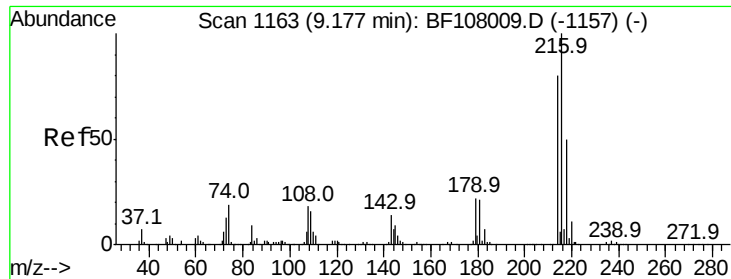
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





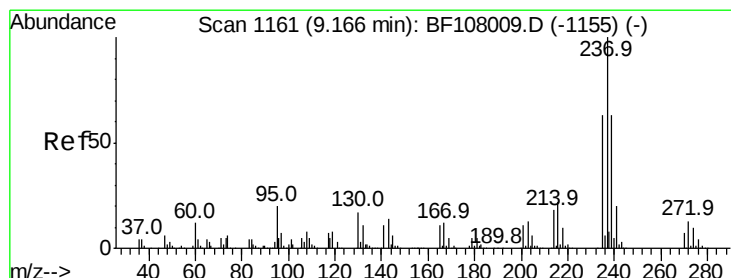
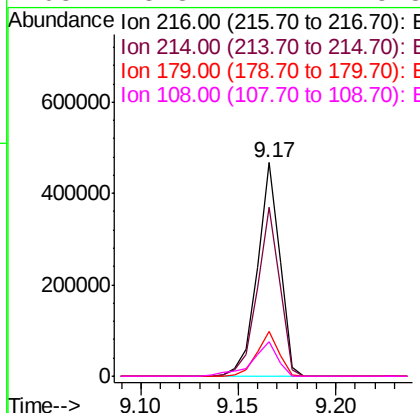
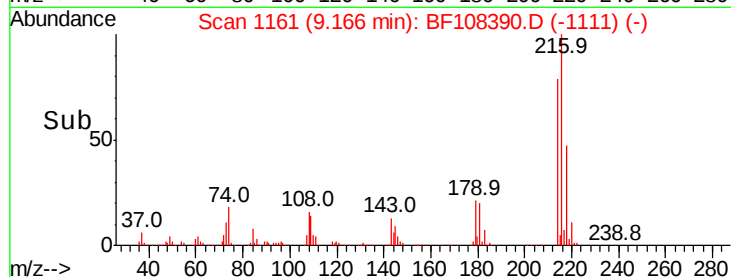
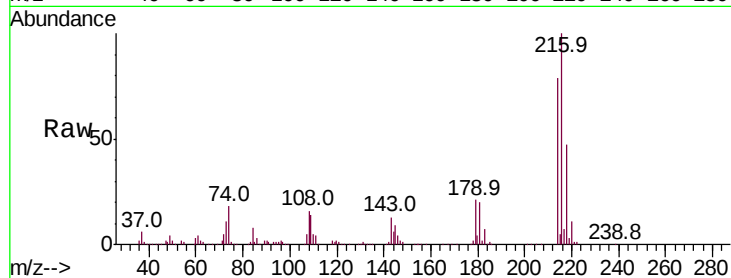
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.543 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.4	
179	20.7	18.1	27.1	
108	18.3	17.2	25.8	

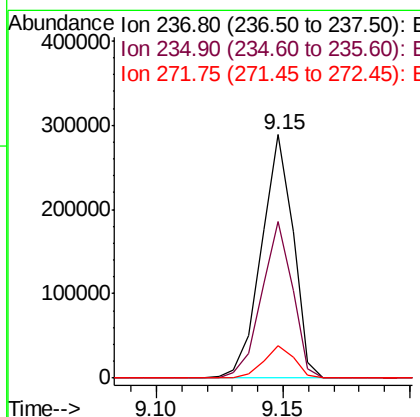
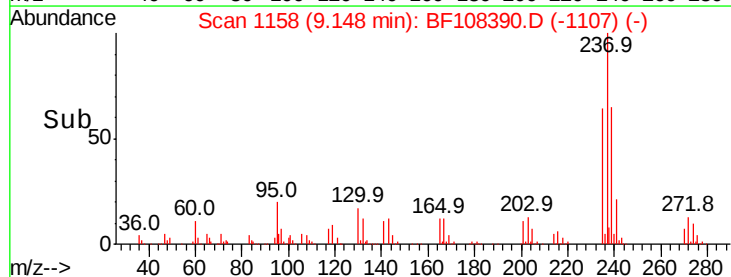
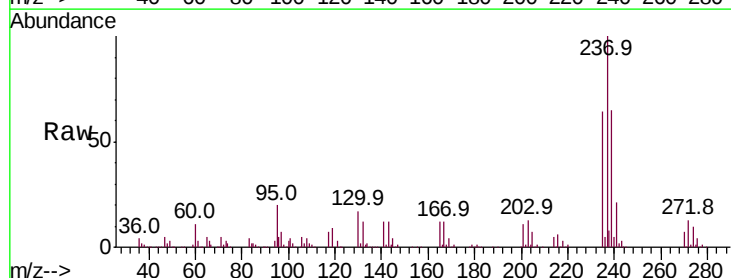
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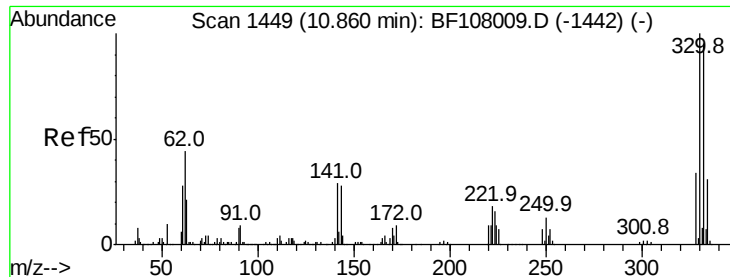
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#40
 Hexachlorocyclopentadiene
 Concen: 39.556 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.5	44.8	84.8	
272	13.2	0.0	33.3	





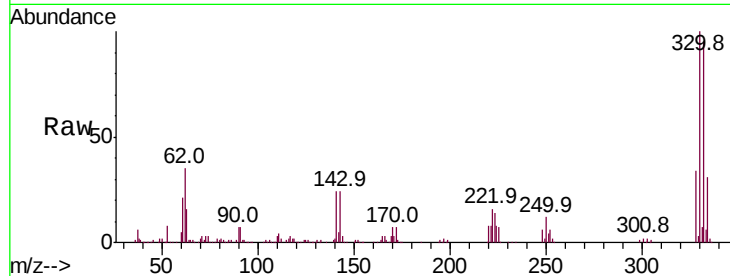
#41
 2,4,6-Tribromophenol
 Concen: 107.476 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	346219		
332	96.8	77.0	115.6	
141	32.1	29.9	44.9	

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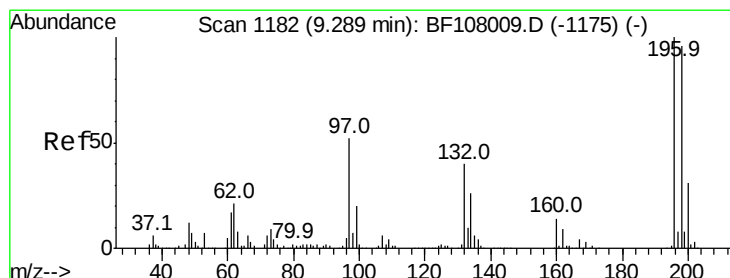
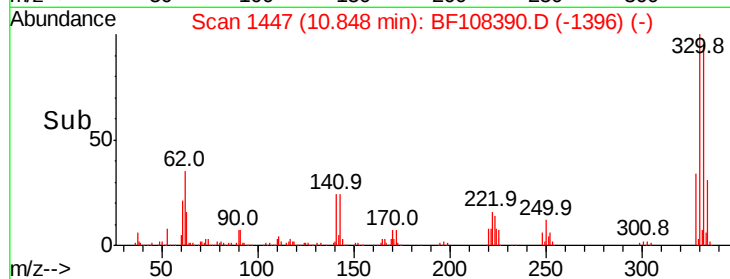
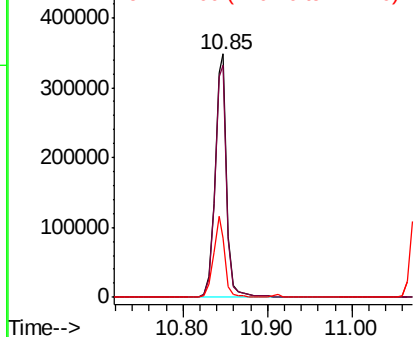


Abundance

Ion 329.80 (329.50 to 330.50): E

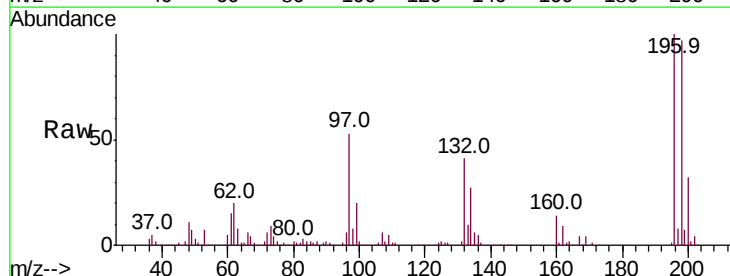
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.165 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241036		
198	97.0	75.7	113.5	
200	31.5	24.5	36.7	

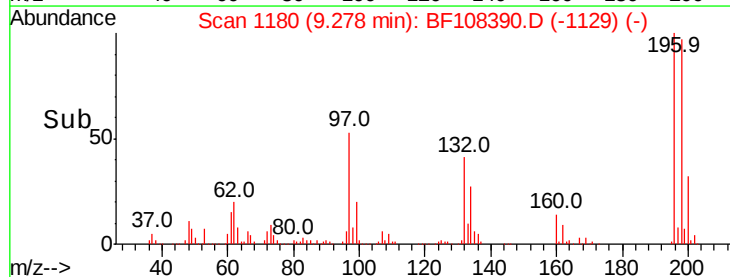
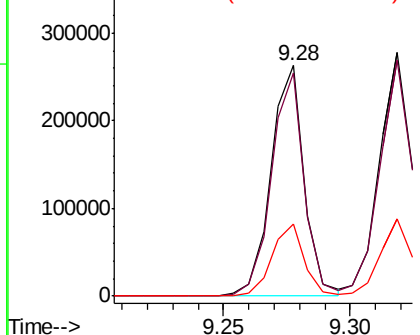


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





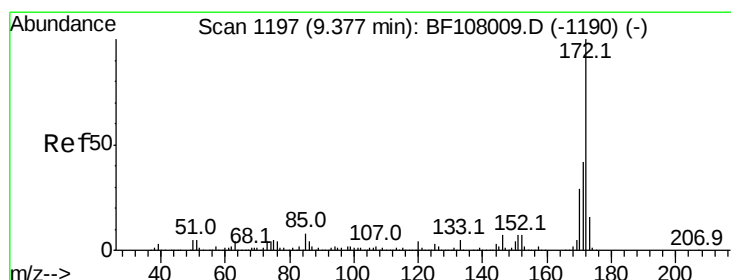
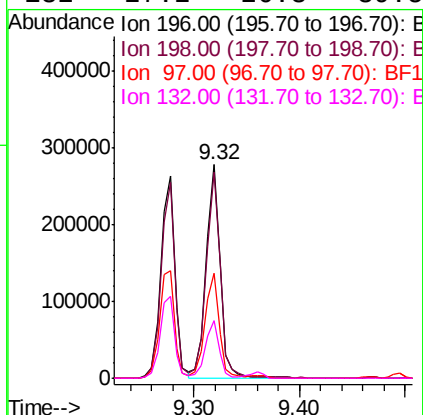
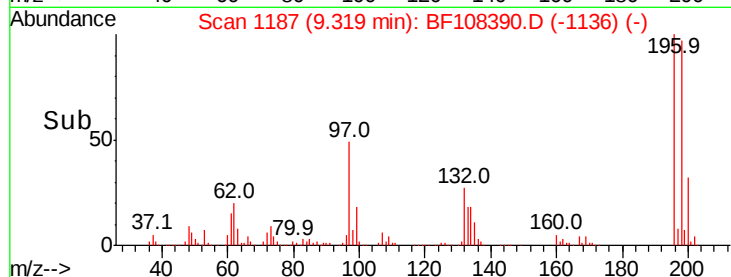
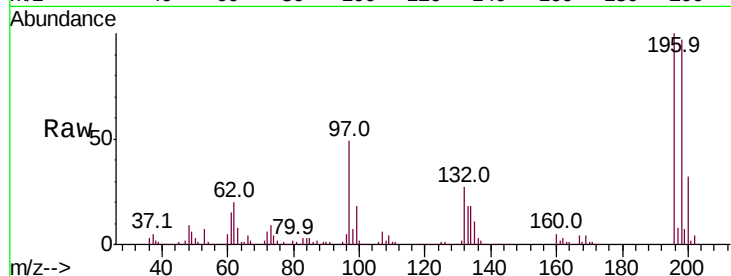
#43
2,4,5-Trichlorophenol
Concen: 38.027 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257623		
198	96.8	74.6	112.0	
97	49.0	42.9	64.3	
132	27.2	26.3	39.5	

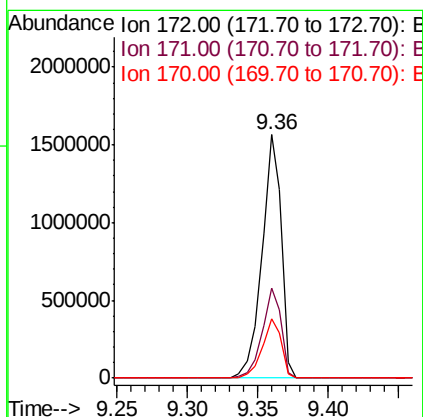
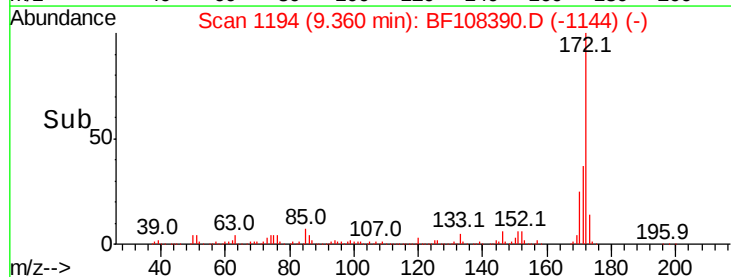
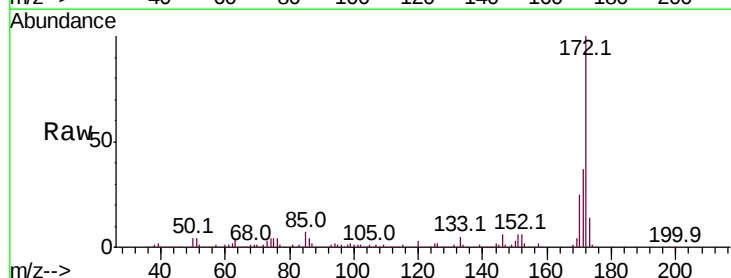
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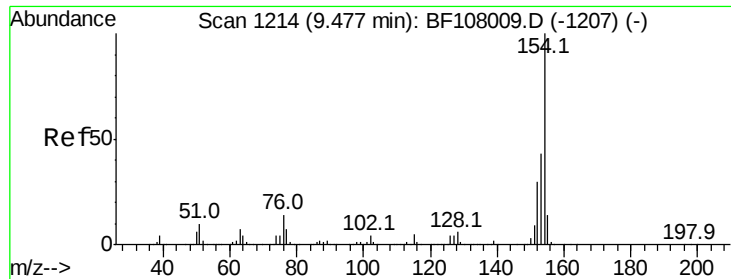
Sohil
8/23/2018 3:43:16 PM



#44
2-Fluorobiphenyl
Concen: 75.147 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1511625		
171	36.9	29.7	44.5	
170	24.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 37.050 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

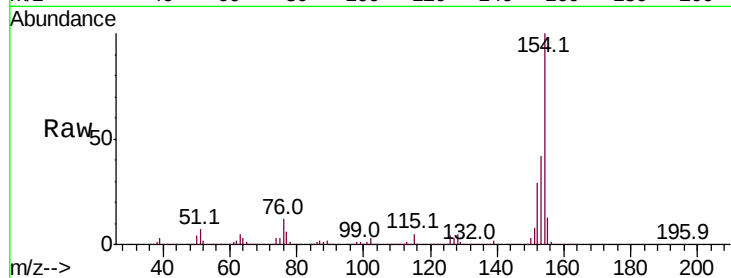
ClientSampleId :

FK-PS-01-037MSD

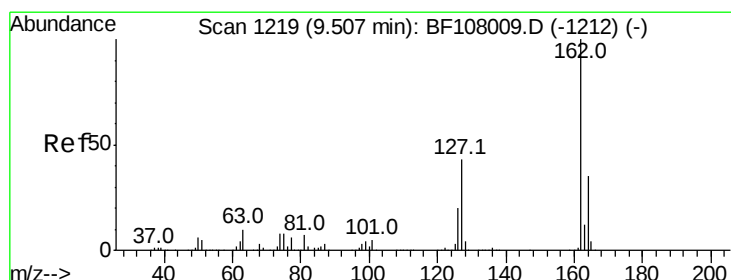
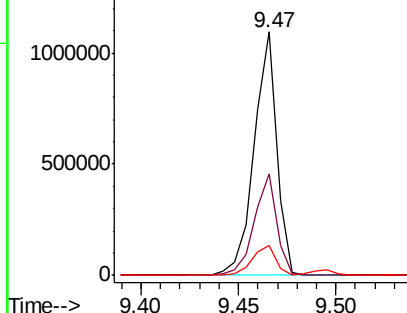
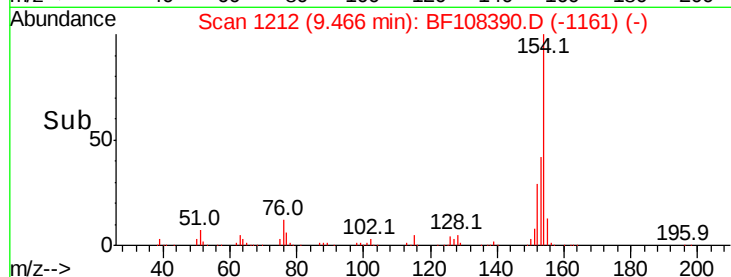
Tot Ion:	154	Resp:	882211
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.3	61.3
76	12.0	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.616 ng

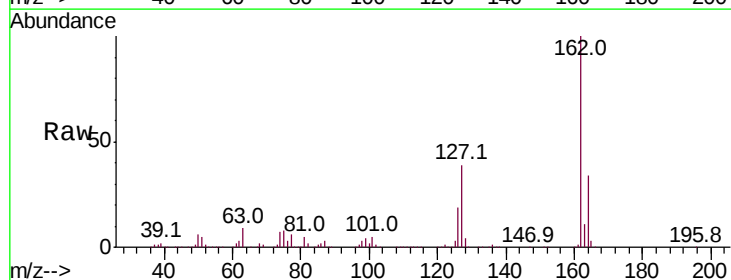
RT: 9.50 min Scan# 1217

Delta R.T. -0.00 min

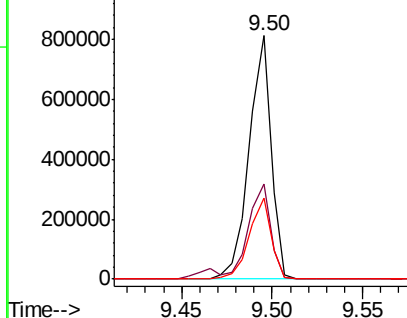
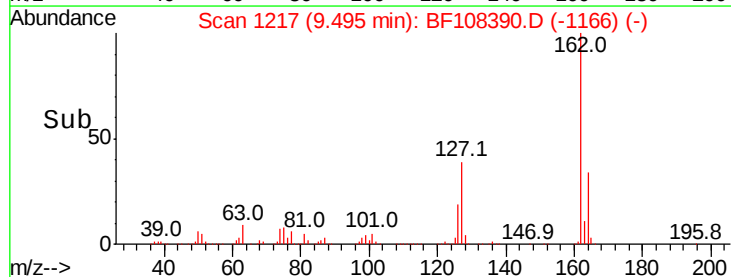
Lab File: BF108390.D

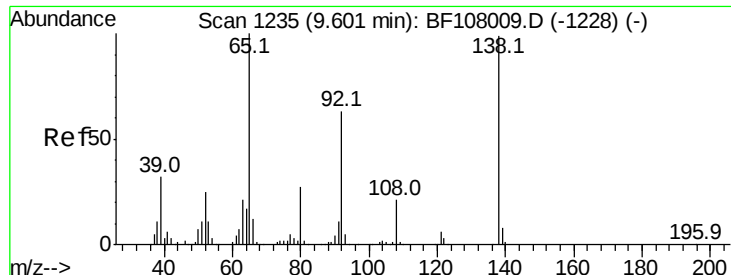
Acq: 22 Aug 2018 18:27

Tgt Ion:	162	Resp:	689089
Ion Ratio	Lower	Upper	
162	100		
127	38.8	33.9	50.9
164	33.5	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
1000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





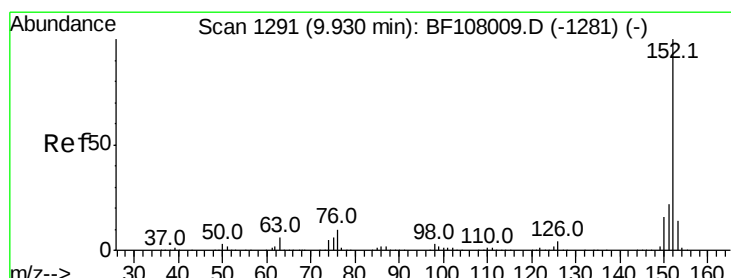
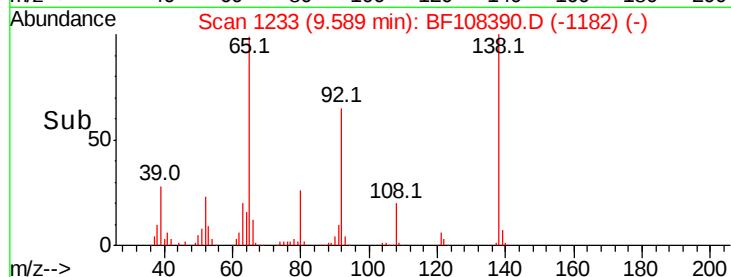
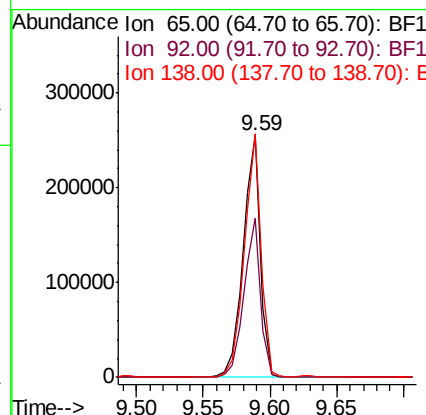
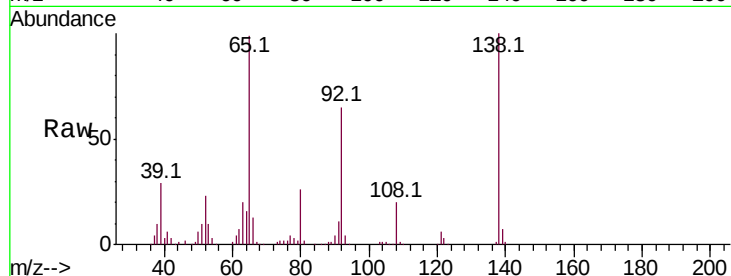
#47
2-Nitroaniline
Concen: 37.541 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.6	55.8	83.6
138	100.7	91.2	136.8

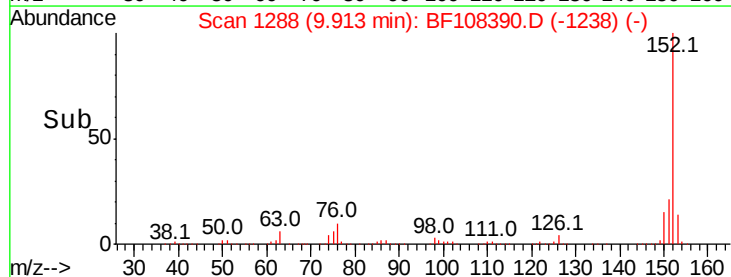
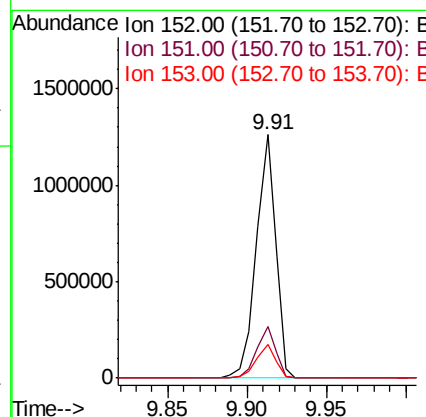
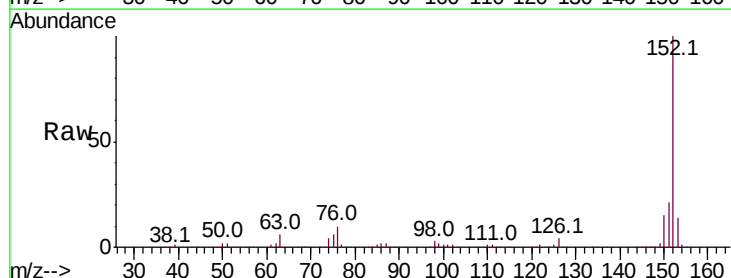
Manual Integrations
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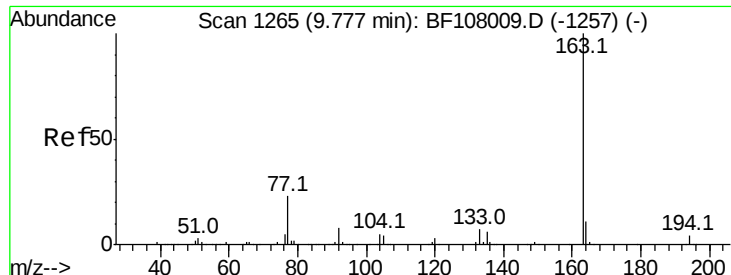
Sohil
8/23/2018 3:43:16 PM



#48
Acenaphthylene
Concen: 36.065 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.8	10.7	16.1





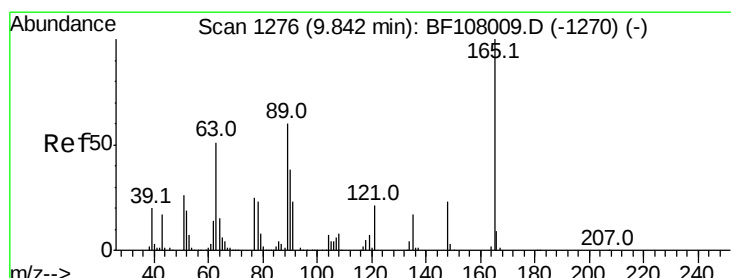
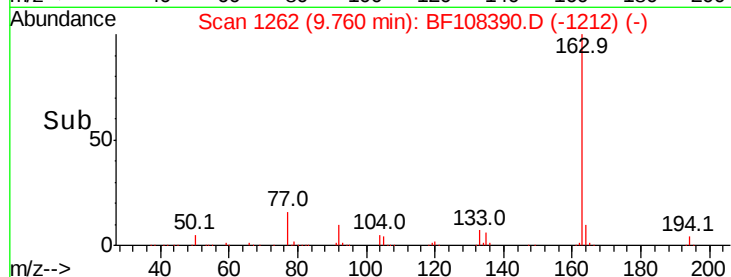
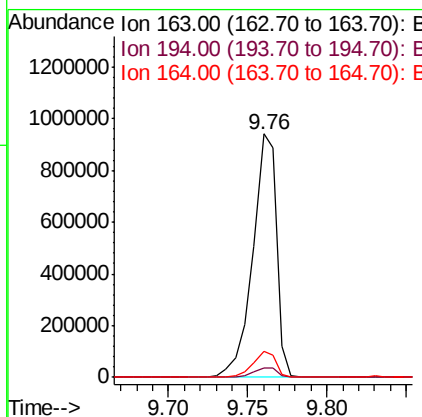
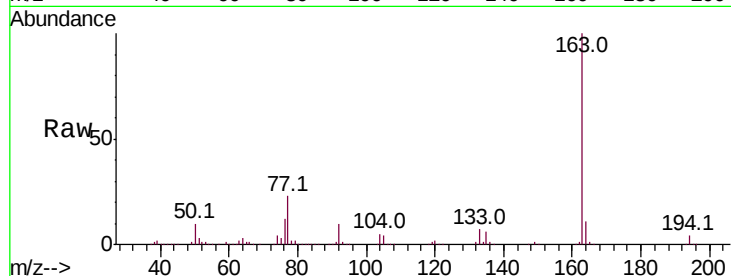
#49
 Dimethylphthalate
 Concen: 43.564 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion:	163	Resp:	980018
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.6	8.2	12.2

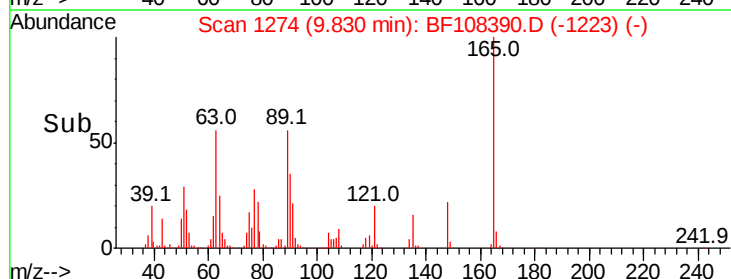
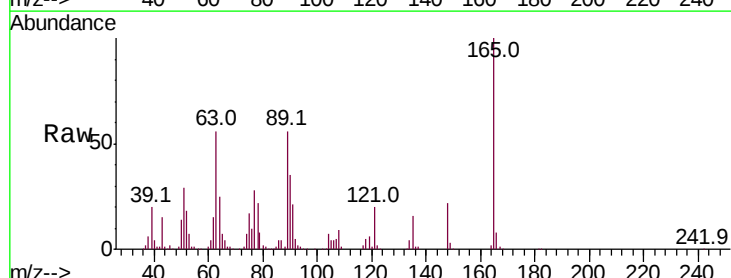
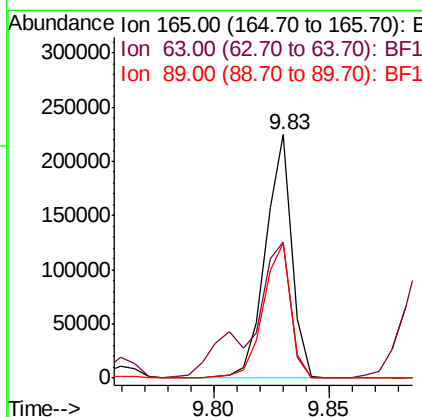
Manual Integrations
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#50
 2,6-Dinitrotoluene
 Concen: 37.809 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion:	165	Resp:	177952
Ion Ratio	Lower	Upper	
165	100		
63	55.7	44.7	67.1
89	55.6	44.0	66.0





#51

Acenaphthene

Concen: 34.903 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-037MSD

Tot Ion:154 Resp: 636045

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

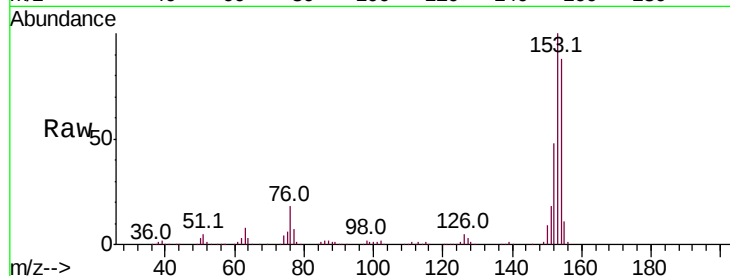
152 55.0 43.8 65.8

Manual Integrations

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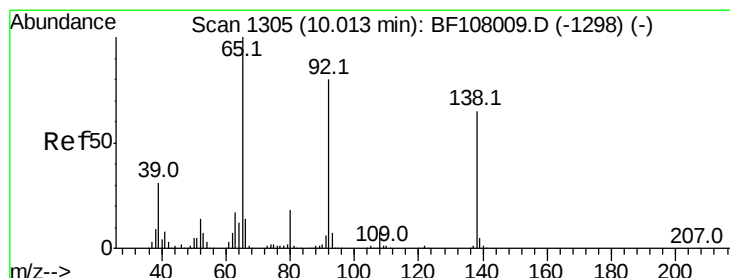
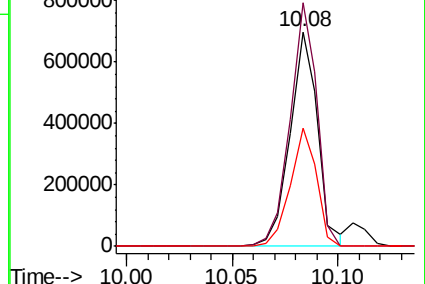
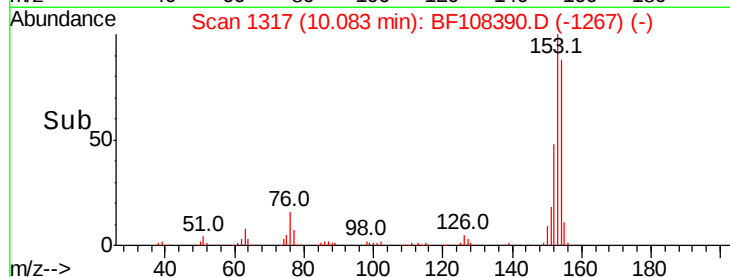
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.988 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

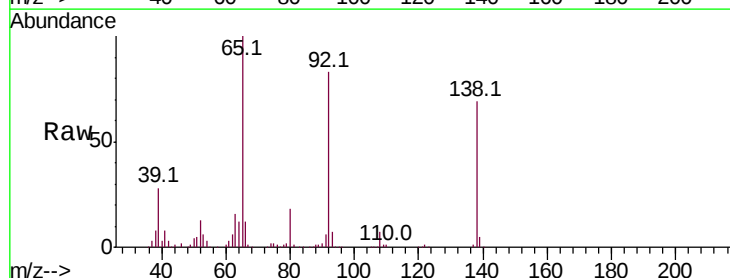
Tgt Ion:138 Resp: 164727

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

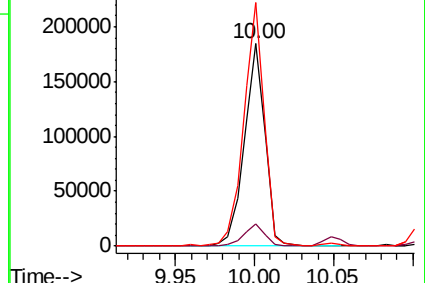
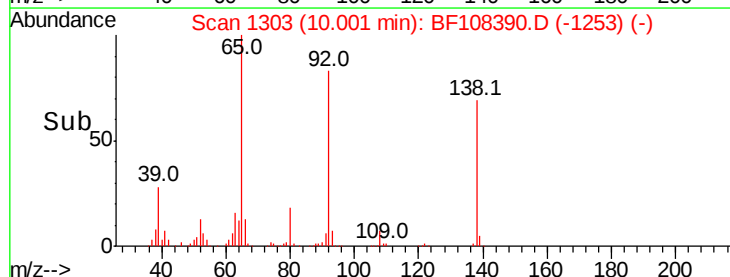
92 120.3 89.4 134.2

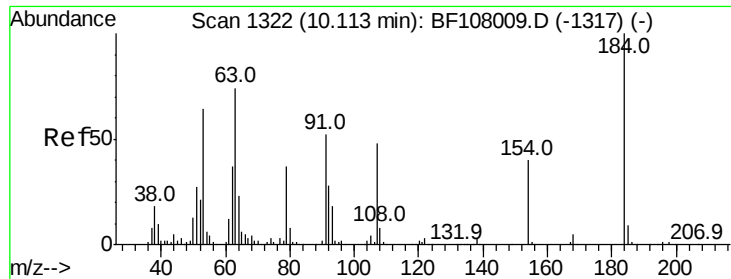


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





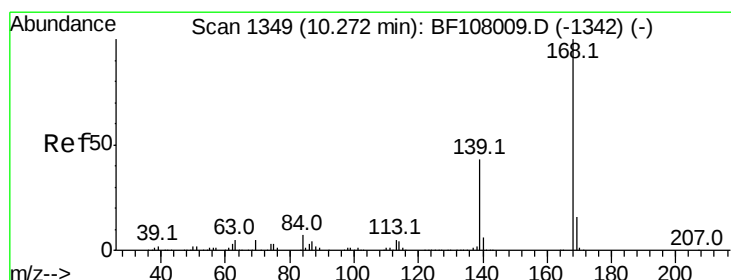
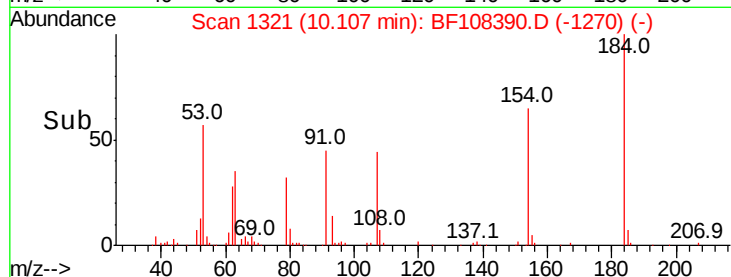
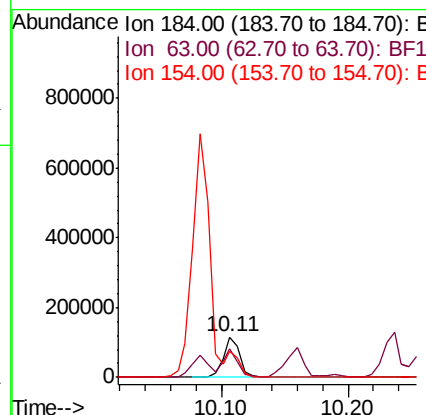
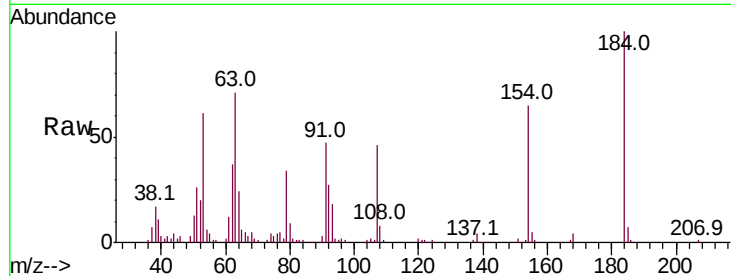
#53
2,4-Dinitrophenol
Concen: 62.056 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	71.4	54.2	81.2	
154	65.1	184.0	276.0	

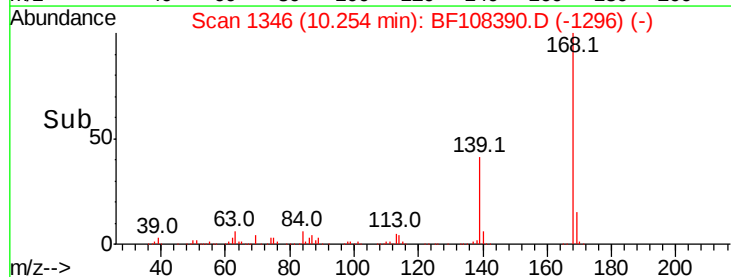
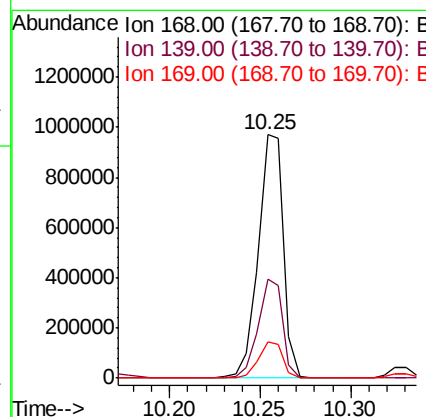
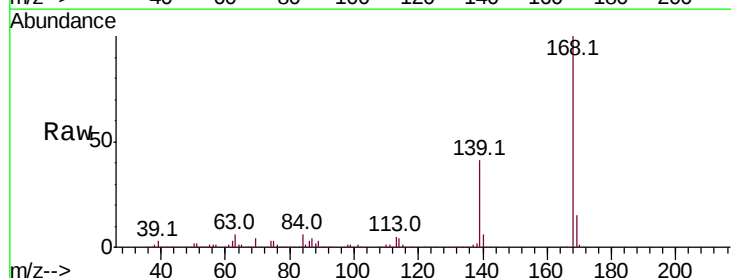
Manual Integrations
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#54
Dibenzofuran
Concen: 35.328 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	30.1	45.1	
169	14.7	10.9	16.3	





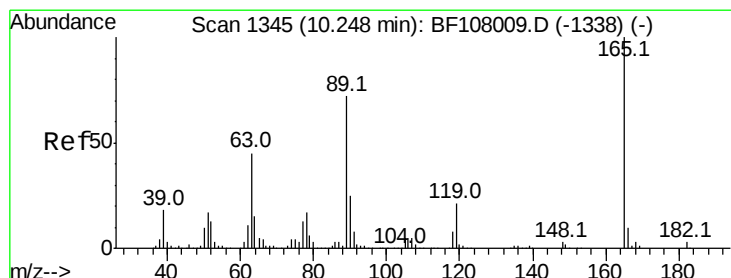
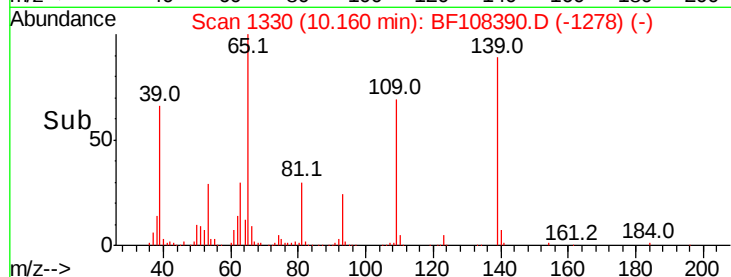
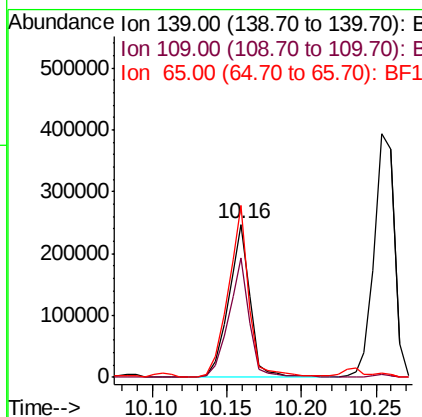
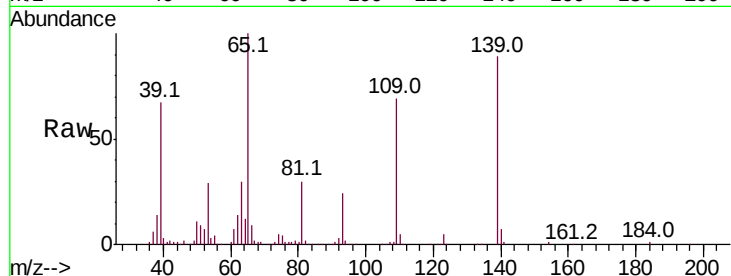
#55
4-Nitrophenol
Concen: 64.517 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.2	48.4	88.4	
65	112.6	72.6	112.6	

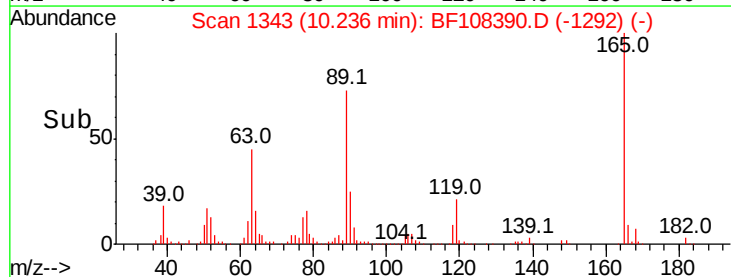
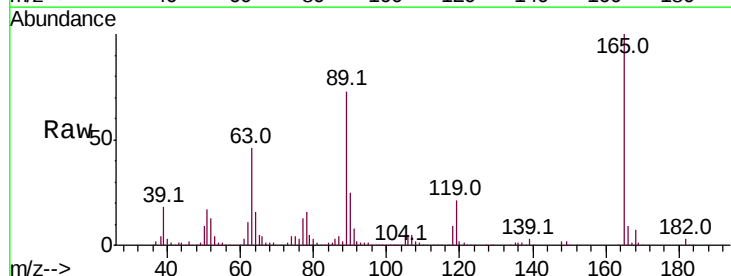
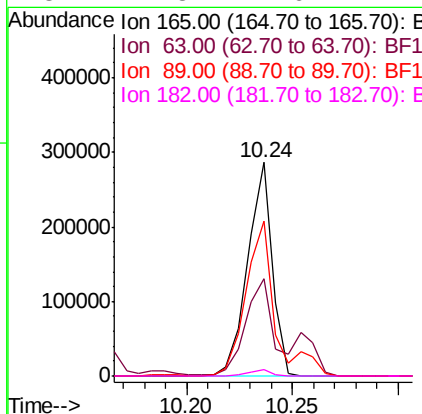
Manual Integrations
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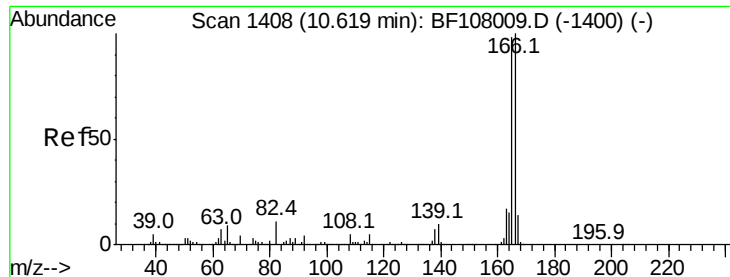
Sohil
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#56
2,4-Dinitrotoluene
Concen: 38.382 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.6	36.4	54.6	
89	72.5	57.8	86.6	
182	2.8	1.6	2.4	





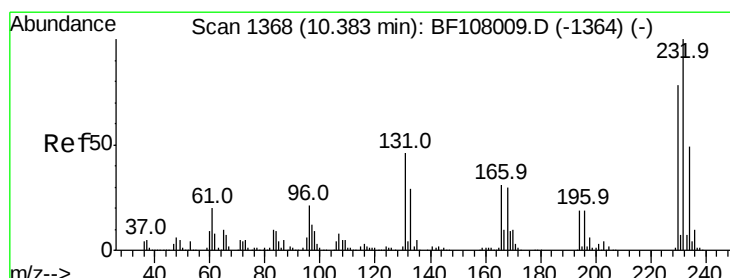
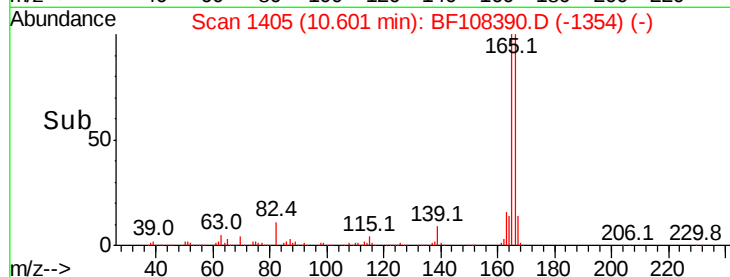
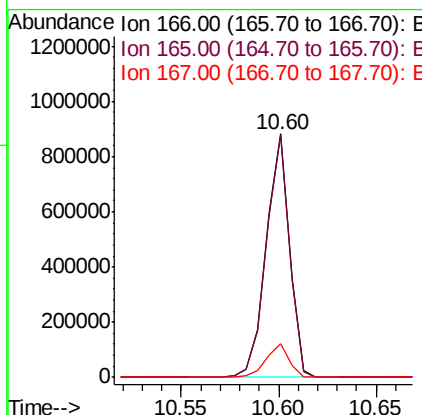
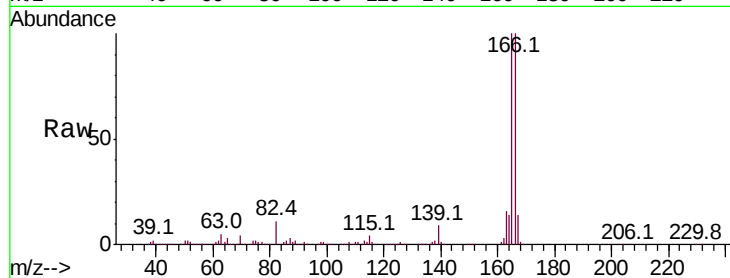
#57
 Fluorene
 Concen: 35.037 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.8	10.6	16.0

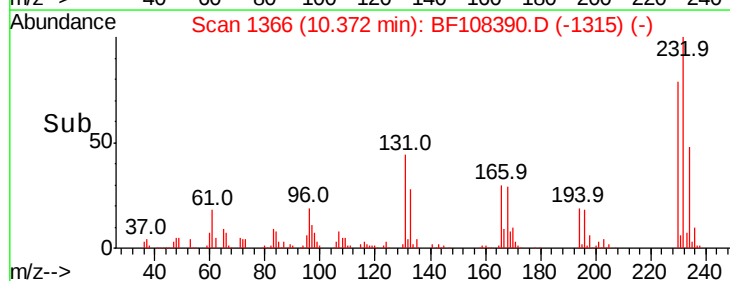
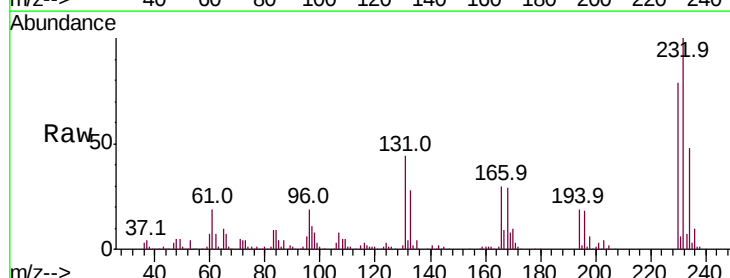
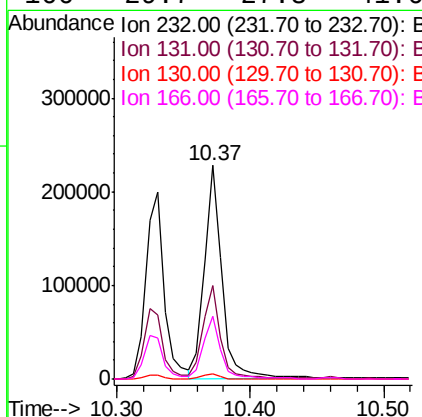
Manual Integrations
 APPROVED

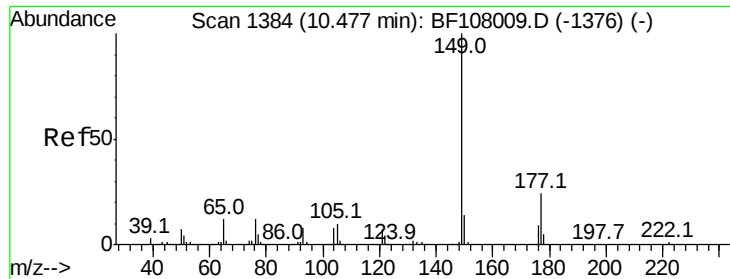
Sohil
 8/23/2018 3:43:16 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.951 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
232	100		
231	43.3	43.8	65.8#
130	2.2	2.1	3.1
166	29.7	27.8	41.6





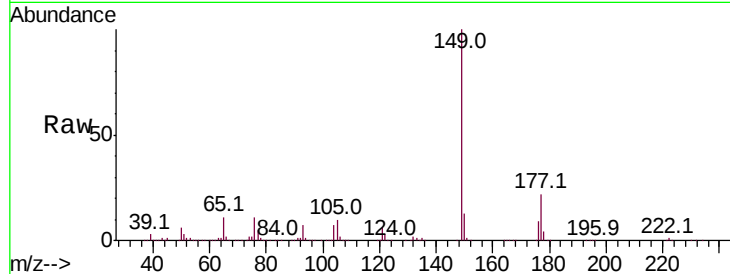
#59
Diethylphthalate
Concen: 36.237 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	789375		
177	22.3	16.1	24.1	
150	12.9	10.1	15.1	

Manual Integrations
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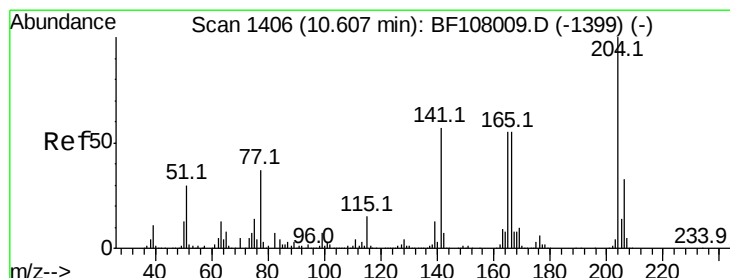
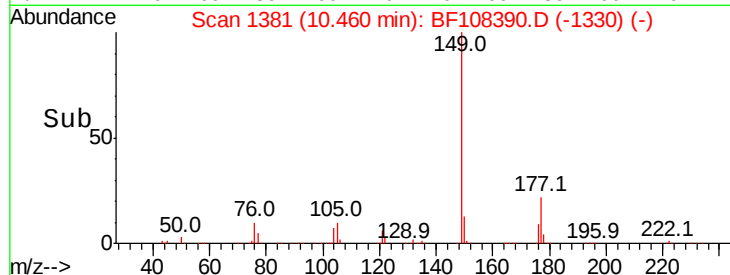
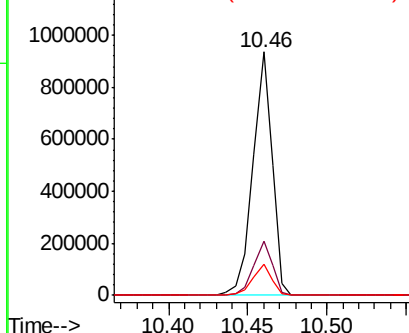


Abundance

Ion 149.00 (148.70 to 149.70): E

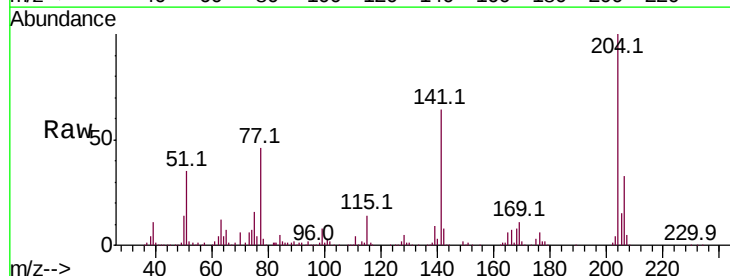
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 34.826 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	379268		
206	33.1	26.5	39.7	
141	63.9	54.6	81.8	

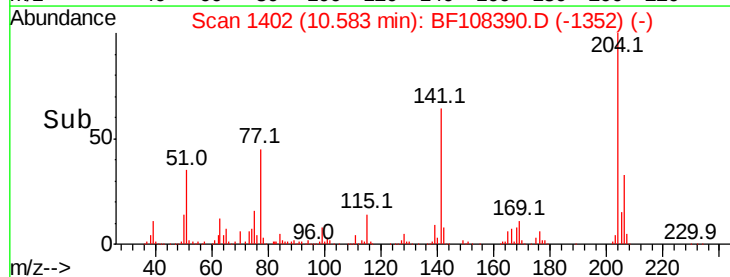
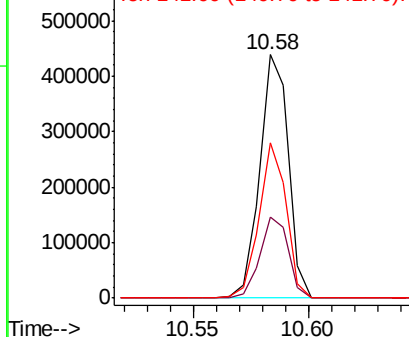


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





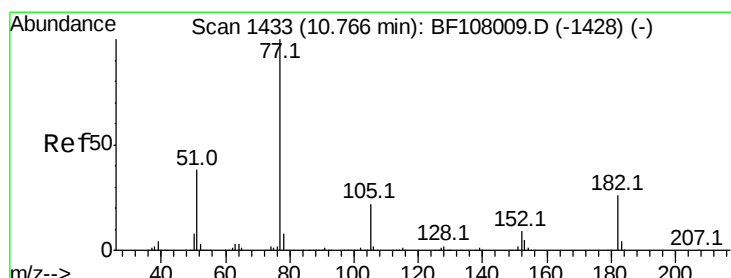
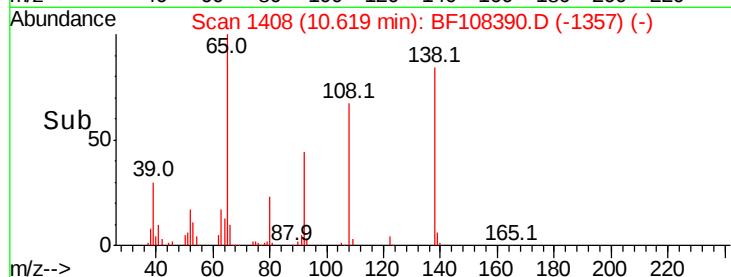
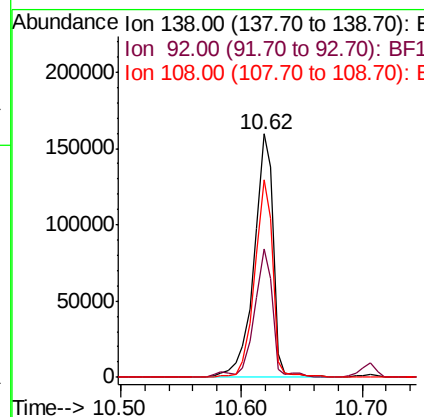
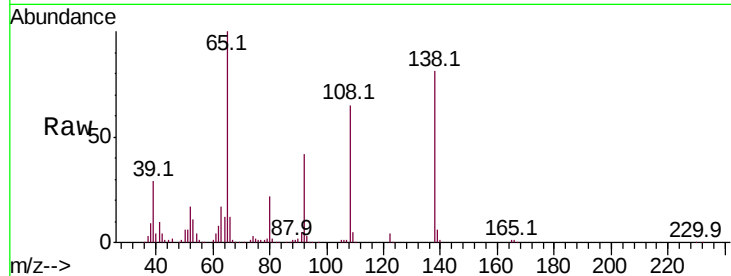
#61
4-Nitroaniline
Concen: 35.028 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	30.2	70.2
108	81.0	52.5	92.5

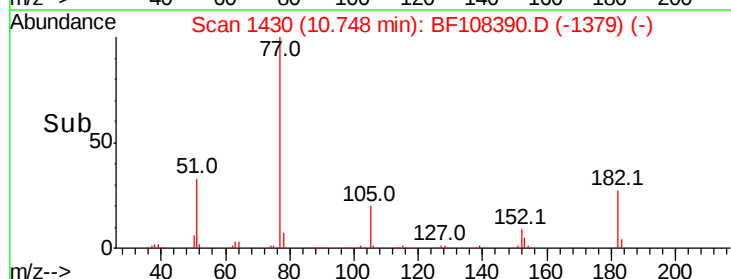
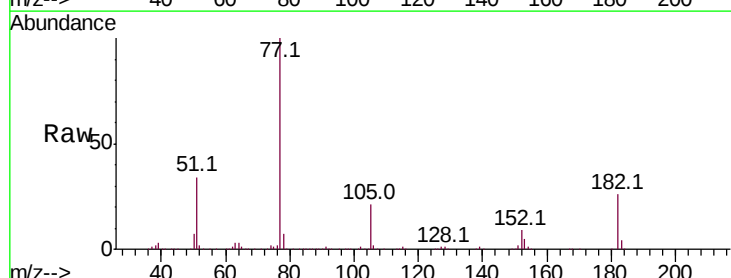
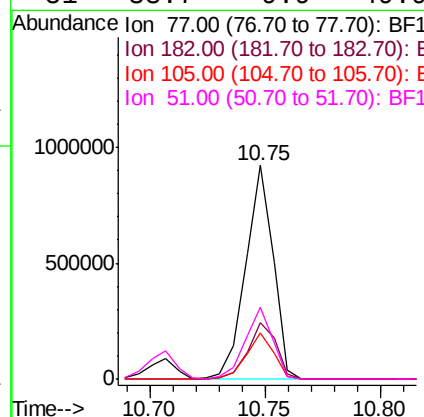
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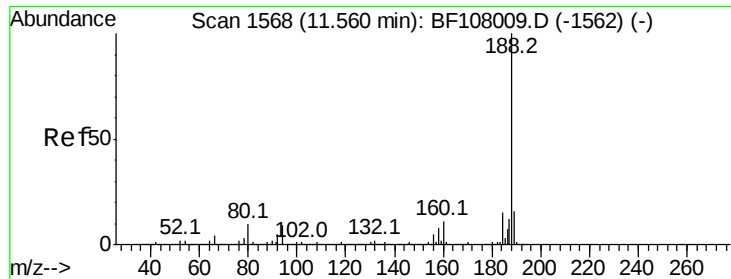
Sohil
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#62
Azobenzene
Concen: 33.992 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	21.4	3.0	43.0
51	33.7	9.9	49.9





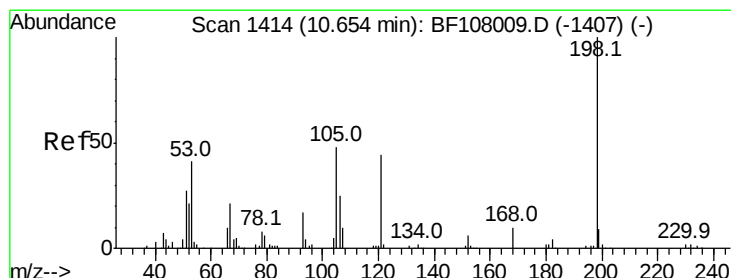
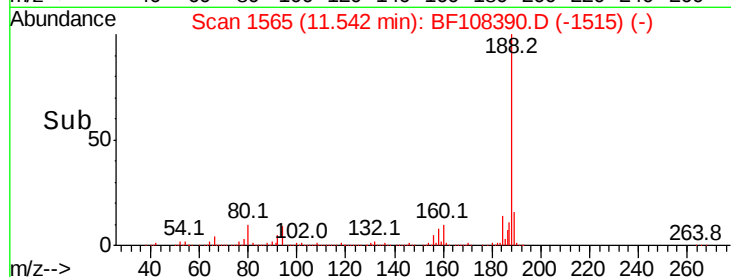
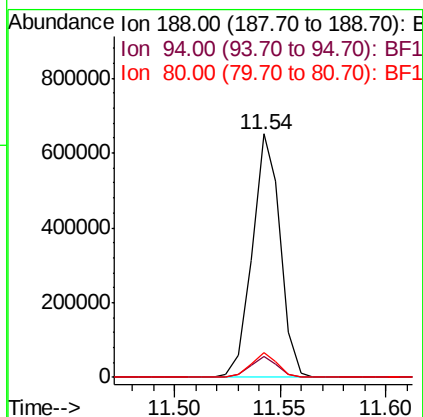
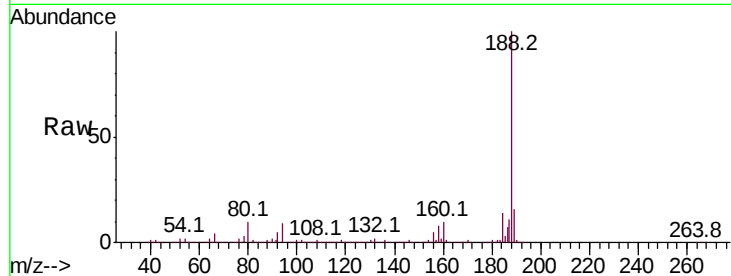
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	595780		
94	8.8		8.5	12.7
80	9.9		9.2	13.8

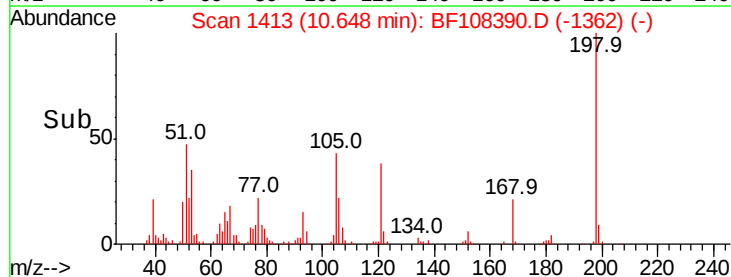
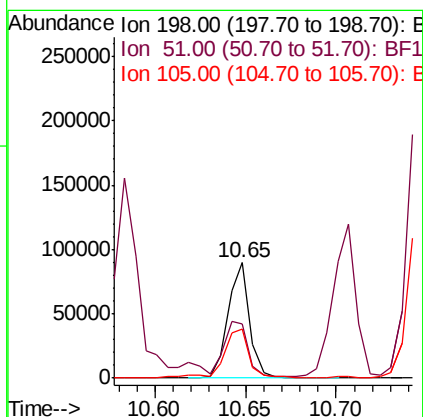
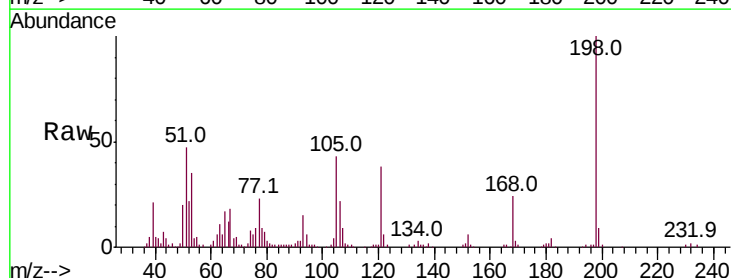
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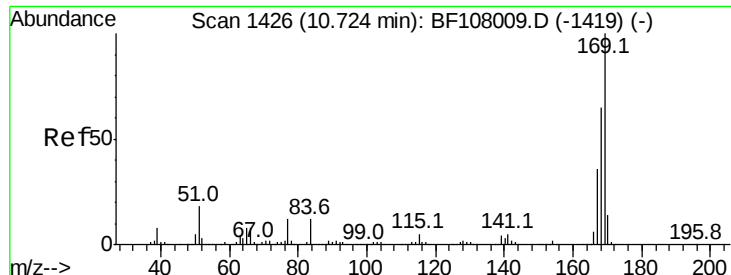
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.041 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	74737		
51	47.3		37.7	77.7
105	42.6		36.3	76.3





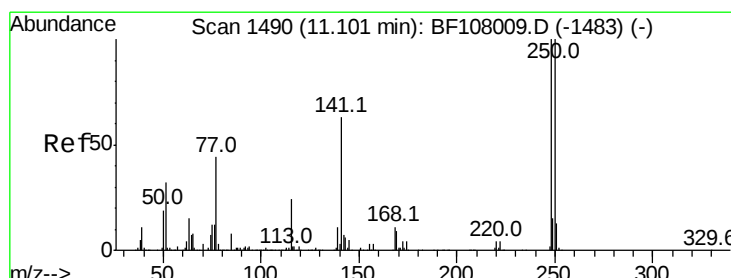
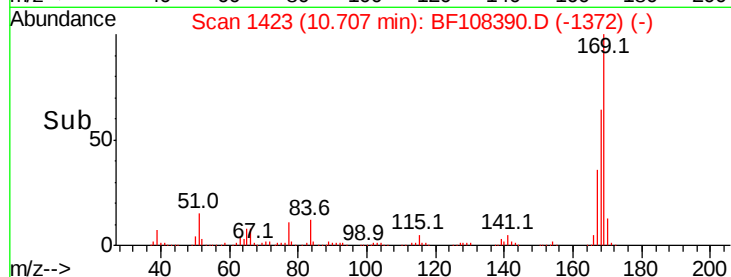
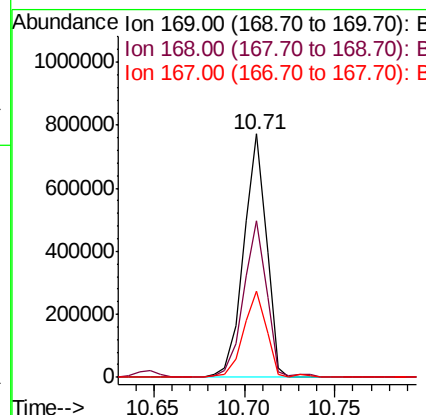
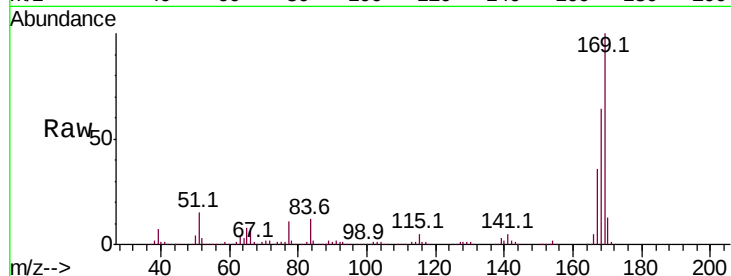
#65
n-Nitrosodiphenylamine
Concen: 38.213 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.3	54.4	81.6	
167	35.6	29.8	44.6	

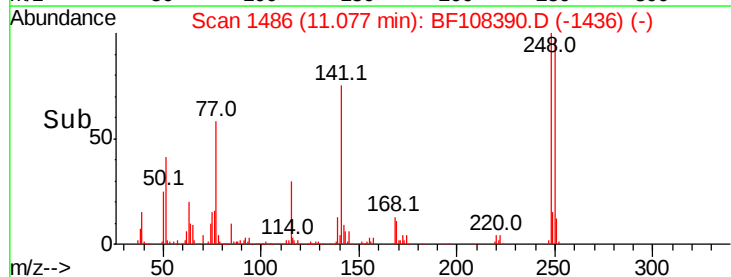
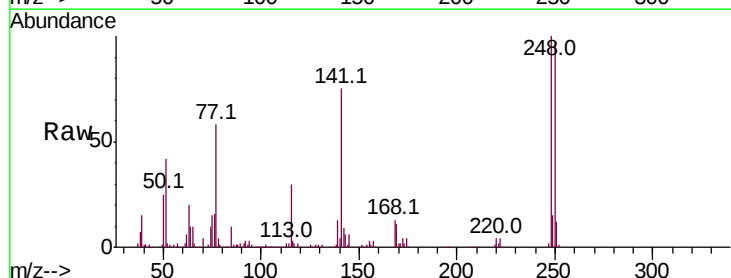
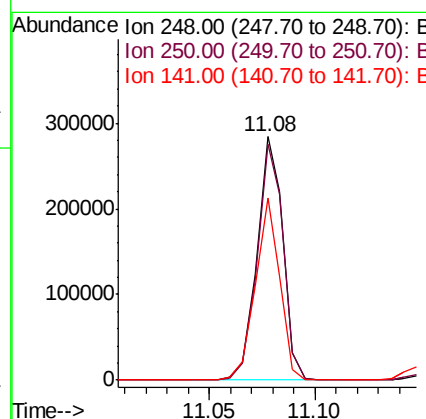
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#66
4-Bromophenyl-phenylether
Concen: 37.303 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	76.9	115.3	
141	74.8	74.4	111.6	





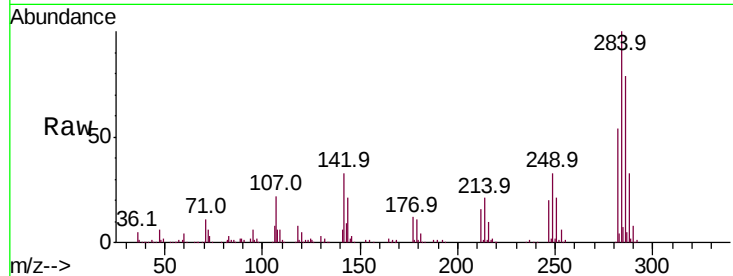
#67
Hexachlorobenzene
Concen: 36.250 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

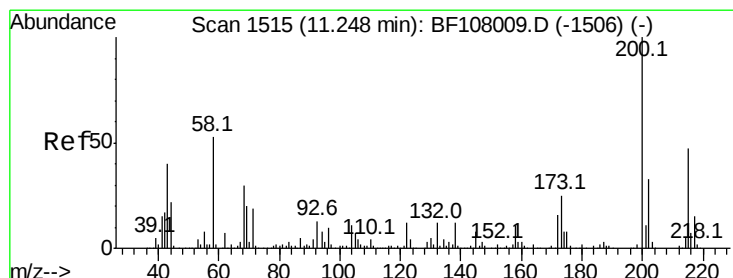
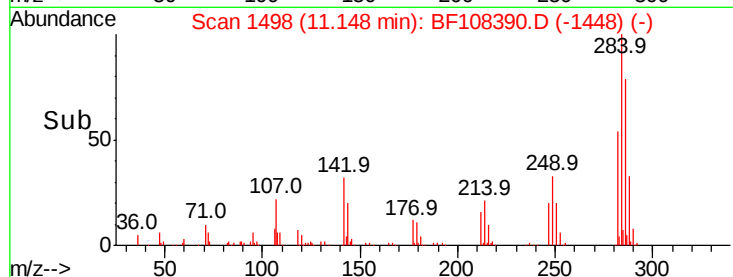
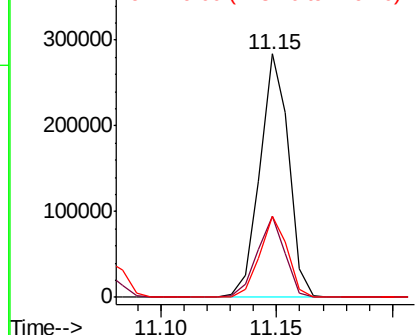
Tot Ion	Ratio	Resp	Lower	Upper
284	100	246943		
142	33.2	34.6	52.0#	
249	33.3	24.8	37.2	

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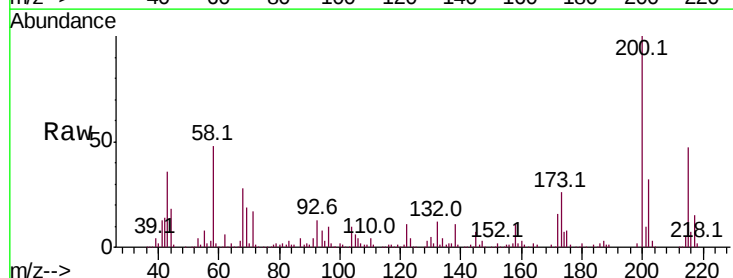


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

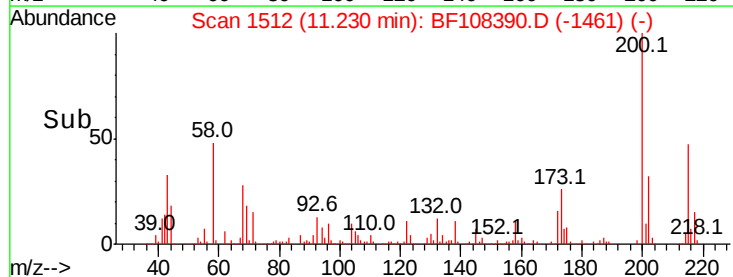
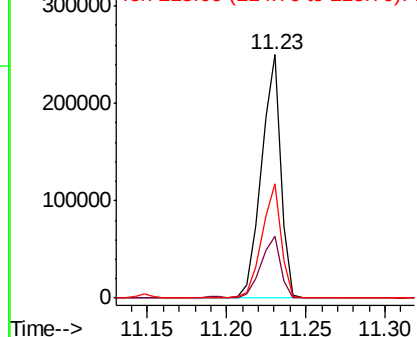


#68
Atrazine
Concen: 36.357 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	214690		
173	25.6	8.6	48.6	
215	46.9	25.1	65.1	



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





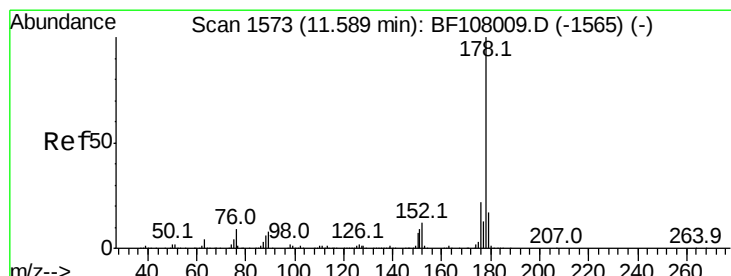
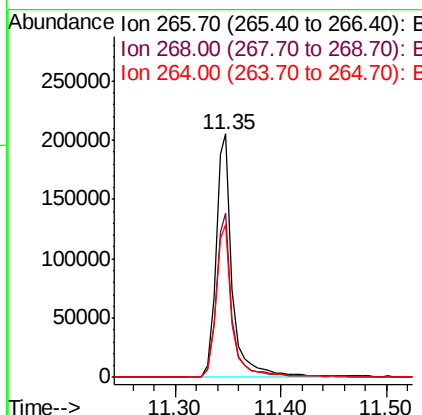
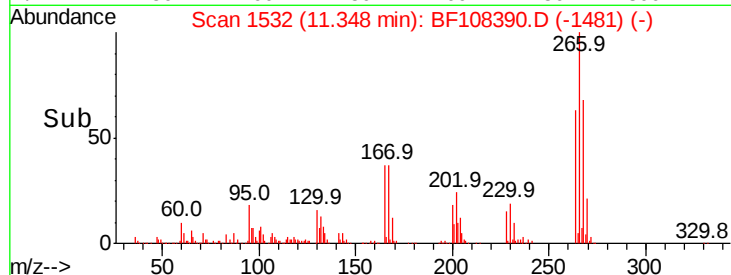
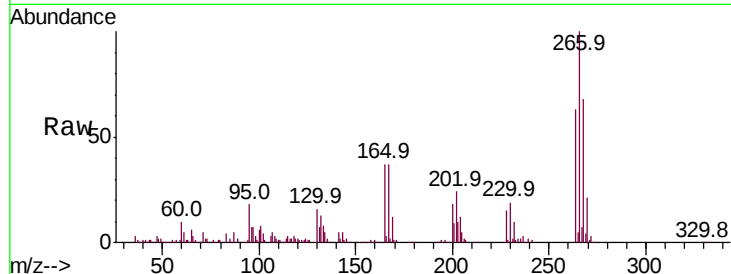
#69
 Pentachlorophenol
 Concen: 69.513 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	226655		
268	67.7	51.1	76.7	
264	63.0	49.5	74.3	

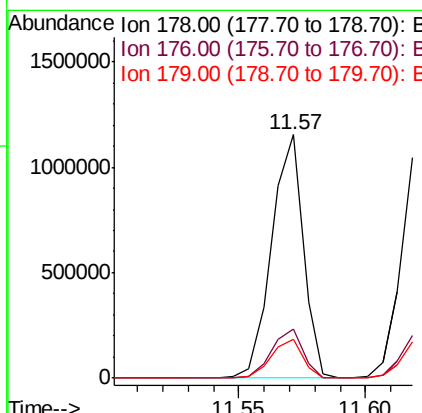
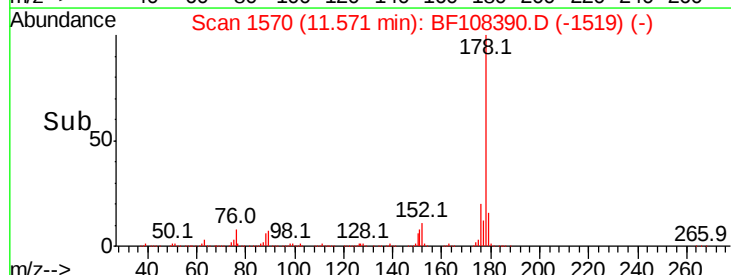
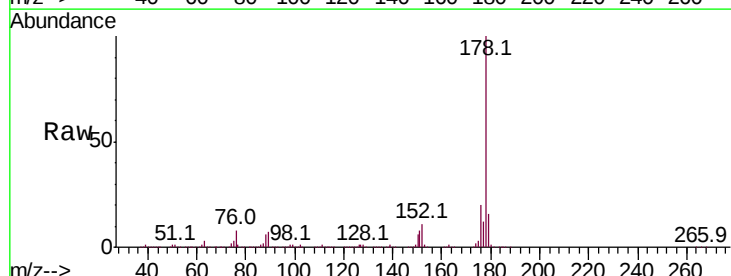
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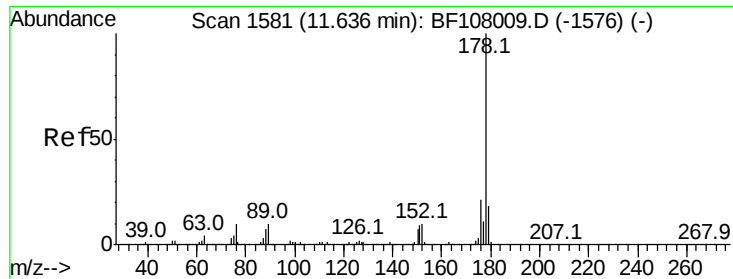
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#70
 Phenanthrene
 Concen: 35.672 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1002427		
176	20.3	15.8	23.8	
179	15.9	13.0	19.6	





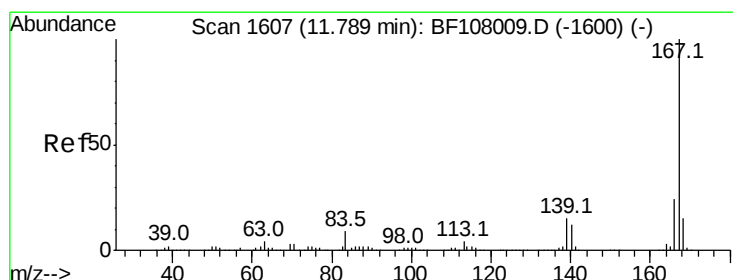
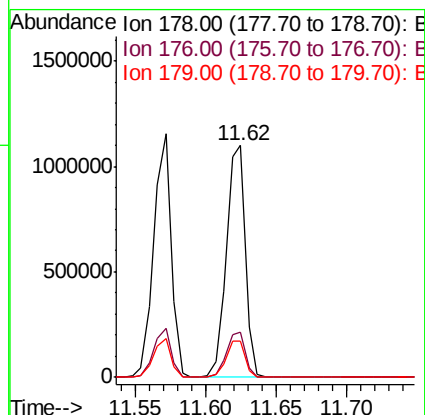
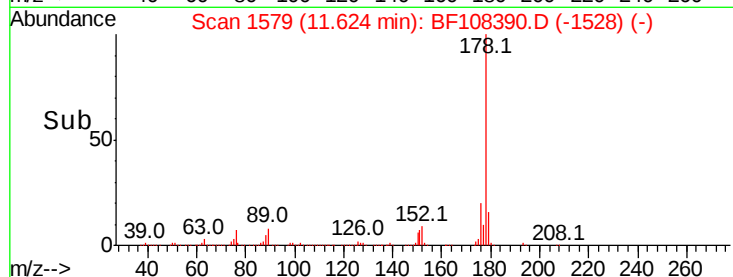
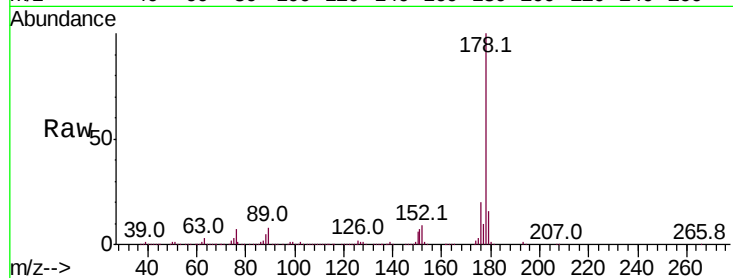
#71
 Anthracene
 Concen: 35.507 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion:	178	Resp:	1022654
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.9	12.6	19.0

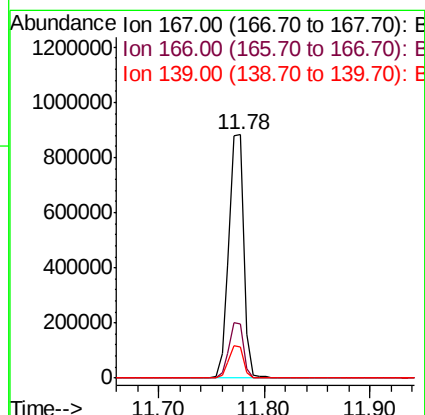
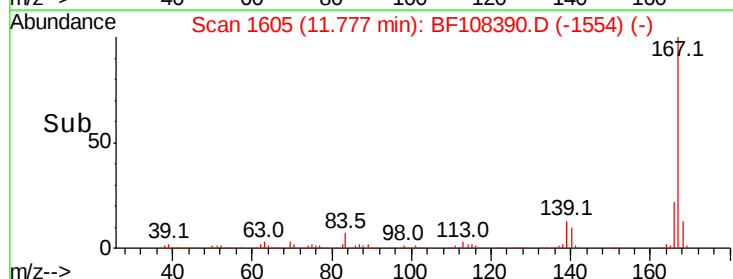
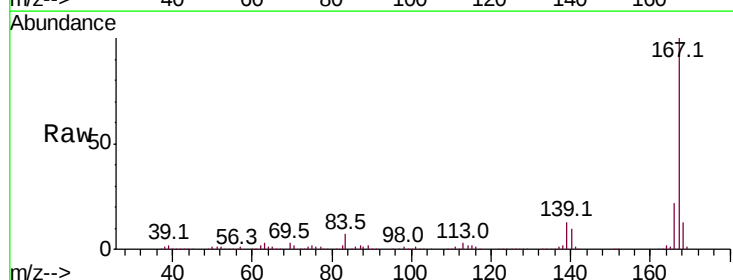
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#72
 Carbazole
 Concen: 34.006 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion:	167	Resp:	870192
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.919 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

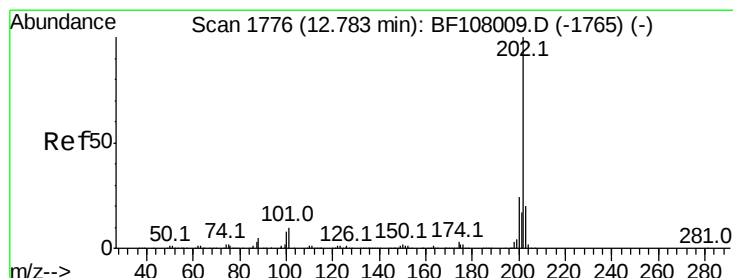
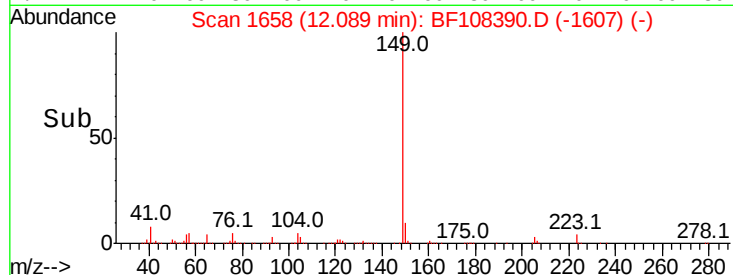
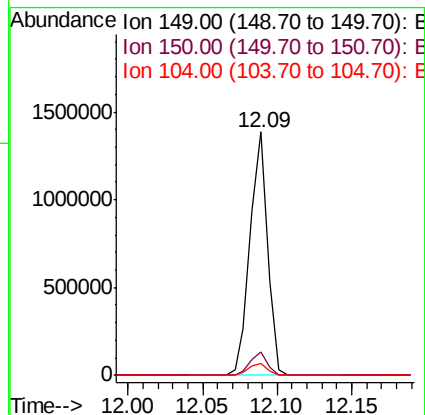
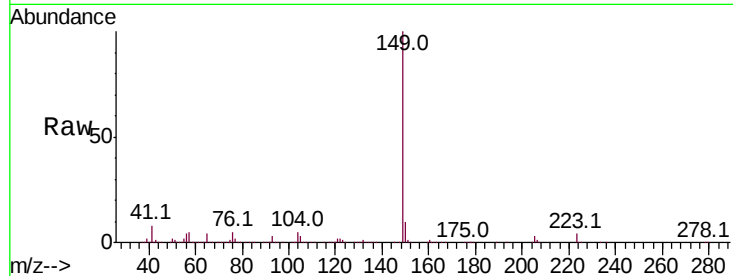
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:	149	Resp:	1128047
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 30.540 ng

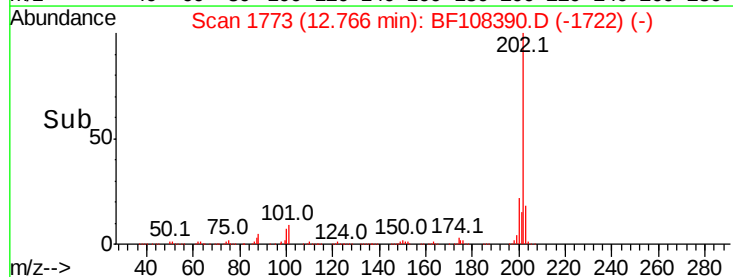
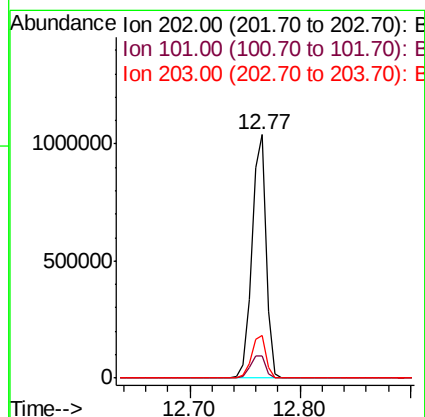
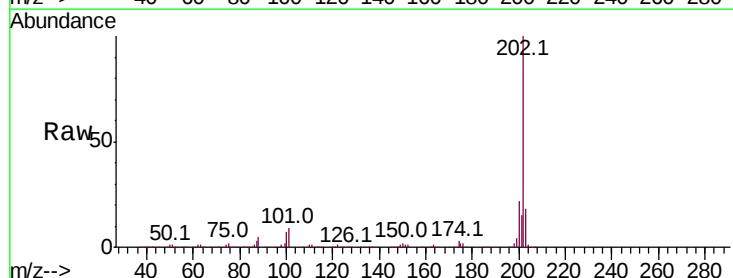
RT: 12.77 min Scan# 1773

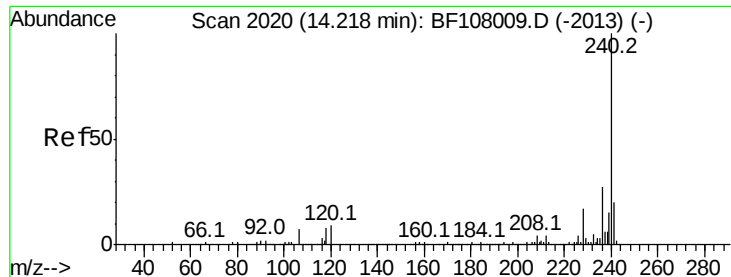
Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	202	Resp:	936611
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

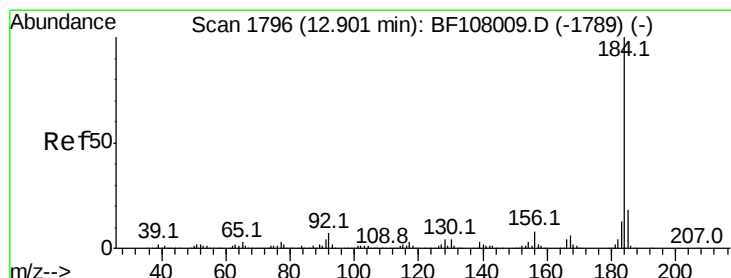
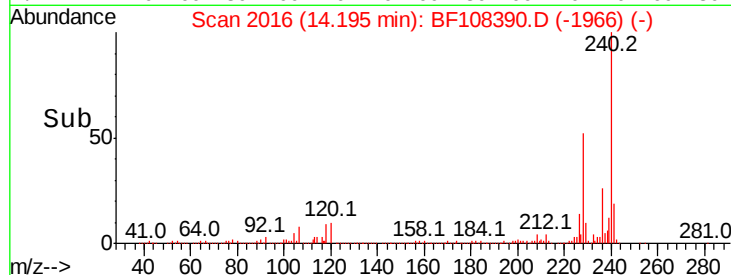
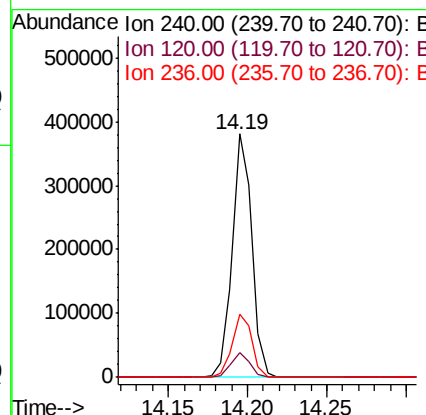
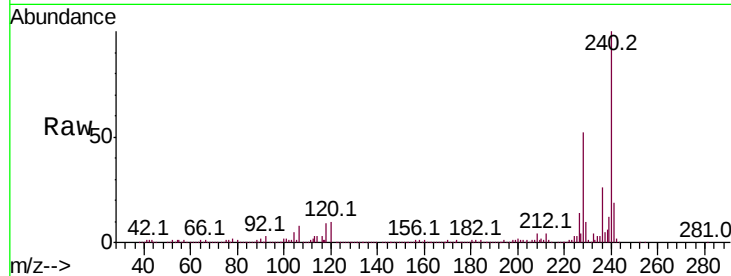
ClientSampleId :

FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 38.452 ng

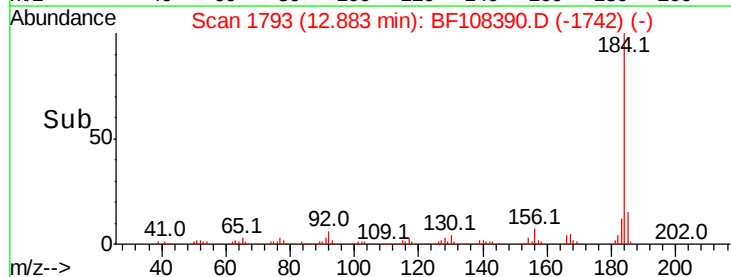
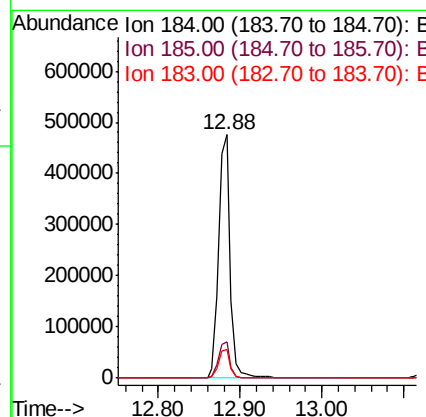
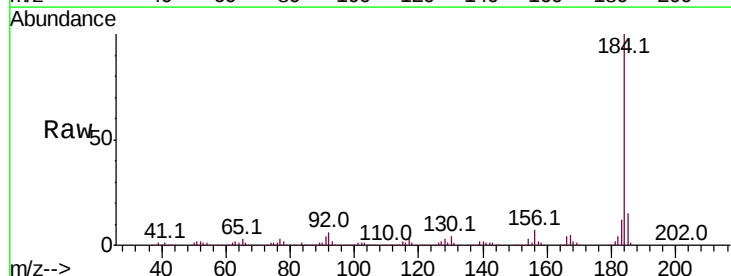
RT: 12.88 min Scan# 1793

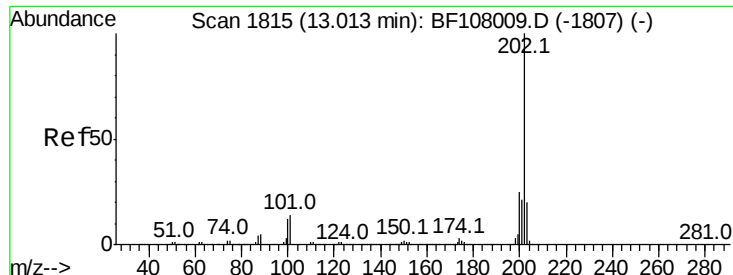
Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 42.910 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

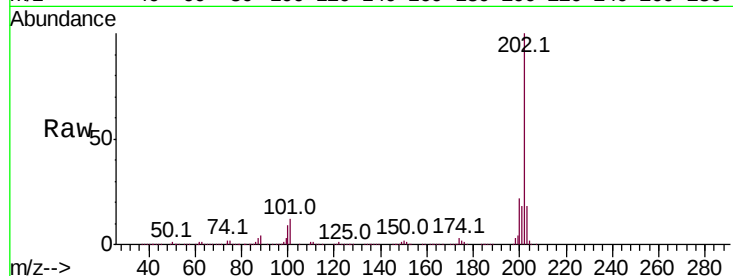
ClientSampleId :

FK-PS-01-037MSD

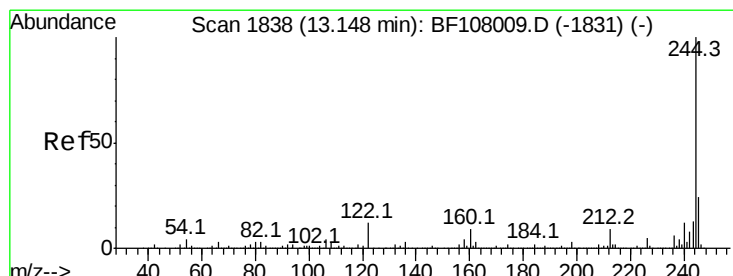
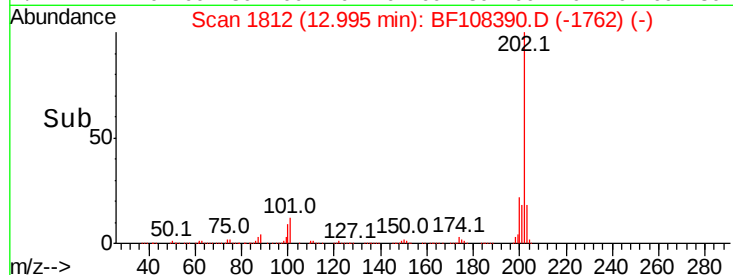
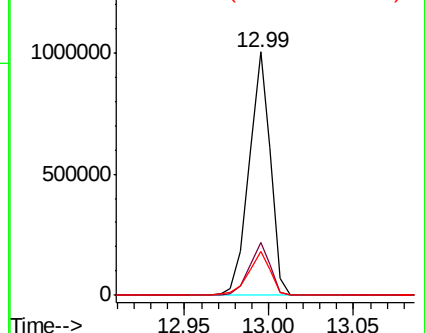
Tot Ion:	202	Resp:	885945
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

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



#78

Terphenyl-d14

Concen: 98.785 ng

RT: 13.13 min Scan# 1835

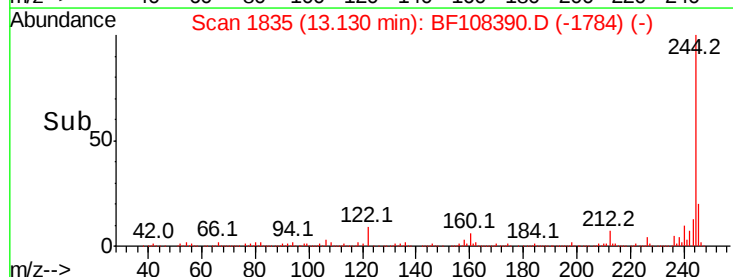
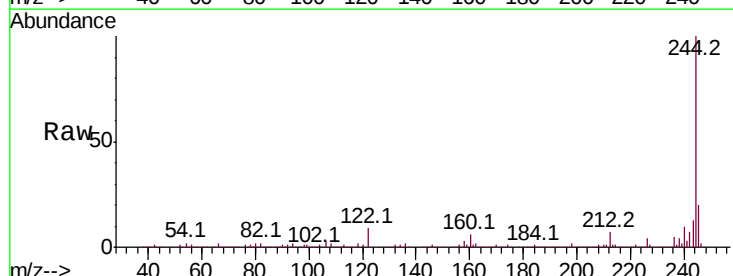
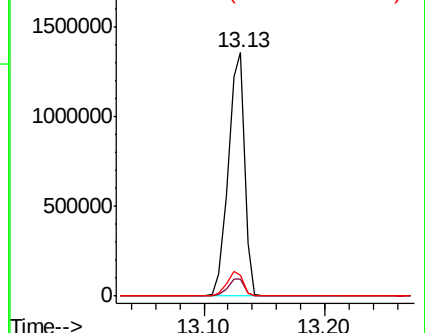
Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	244	Resp:	1267039
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	8.8	11.0	16.4#

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





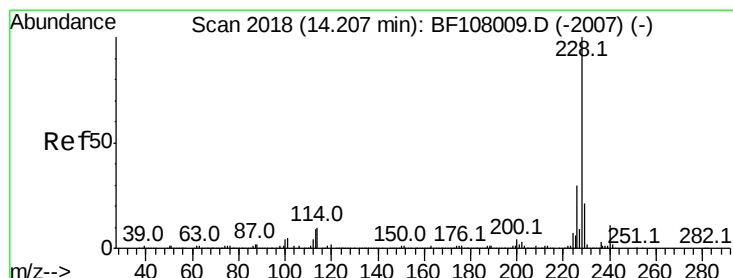
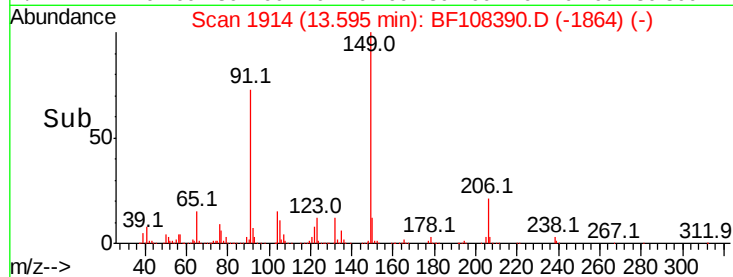
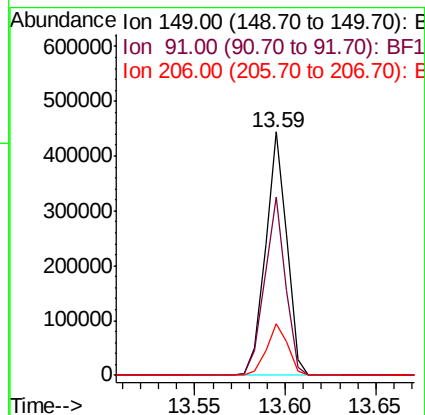
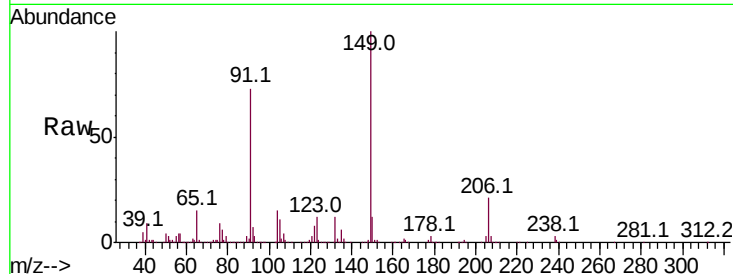
#79
 Butylbenzylphthalate
 Concen: 44.219 ng
 RT: 13.59 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	362521		
91	73.3	56.8	85.2	
206	21.3	14.1	21.1	

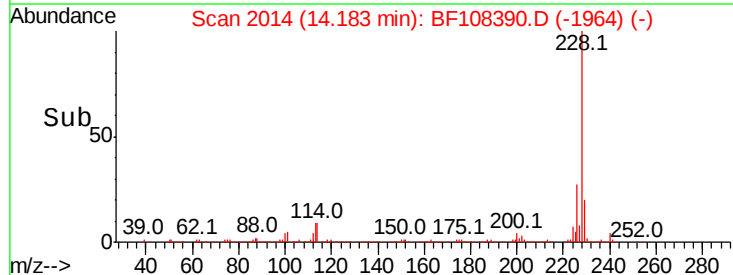
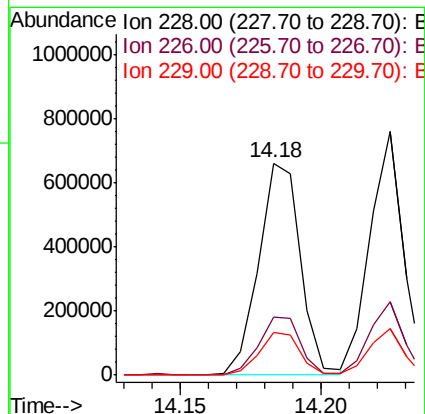
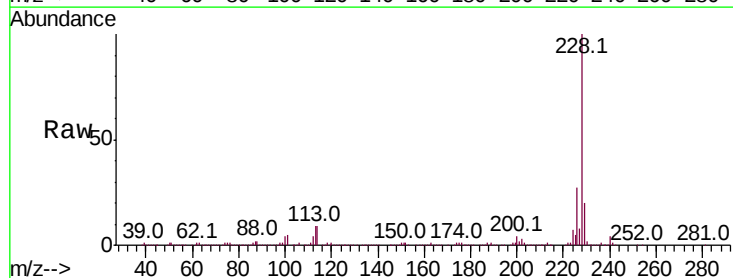
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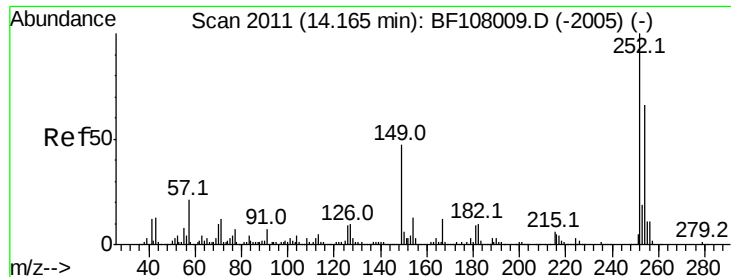
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#80
 Benzo(a)anthracene
 Concen: 36.176 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	677059		
226	27.3	22.6	33.8	
229	19.9	15.8	23.6	





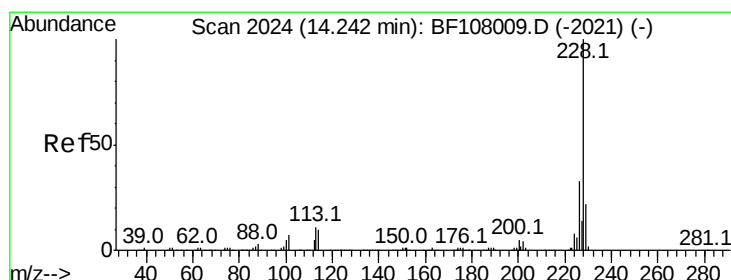
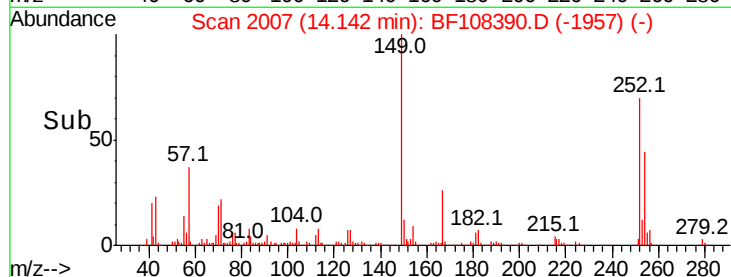
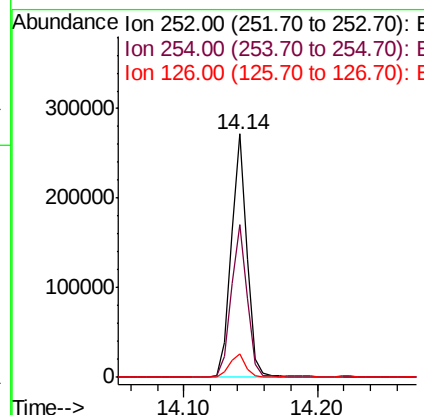
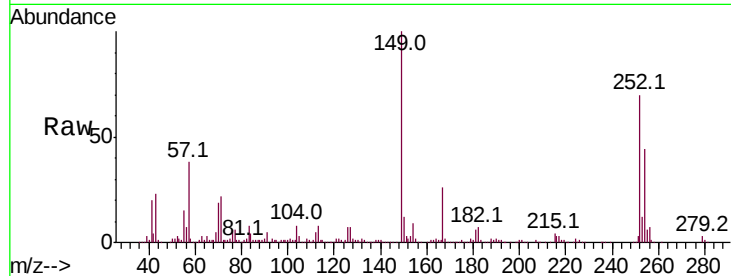
#81
 3,3'-Dichlorobenzidine
 Concen: 33.781 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	50.4	75.6
126	9.8	11.3	16.9

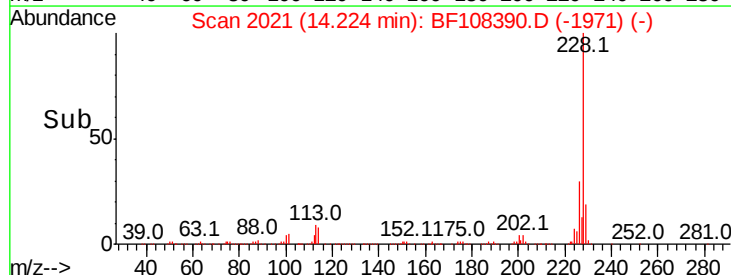
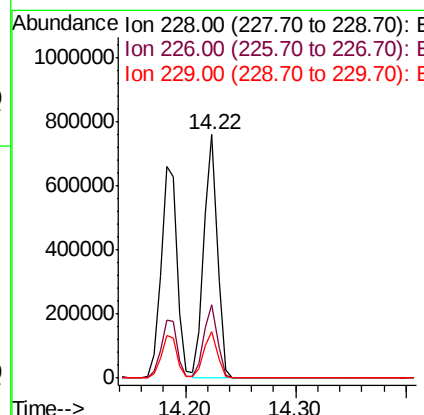
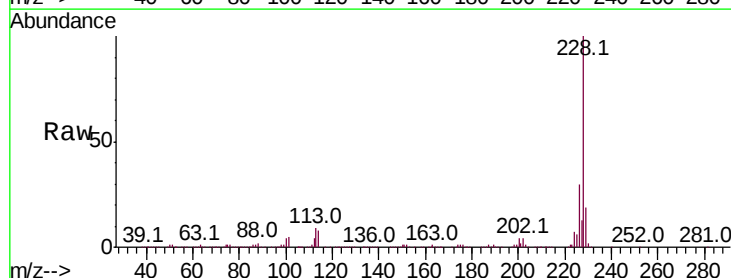
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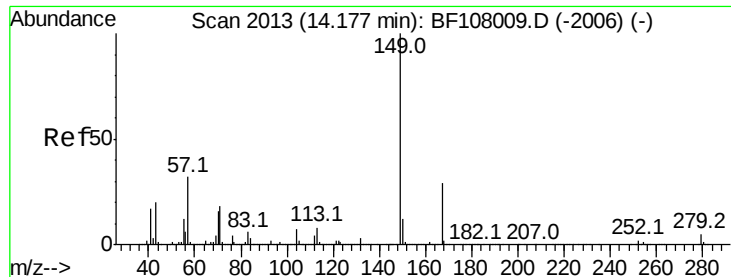
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#82
 Chrysene
 Concen: 36.074 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.560 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

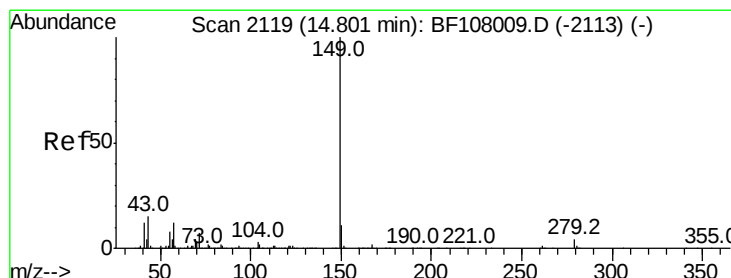
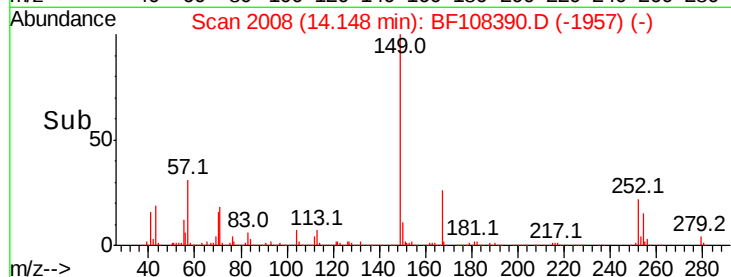
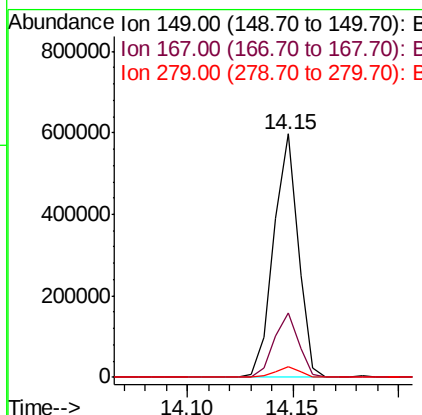
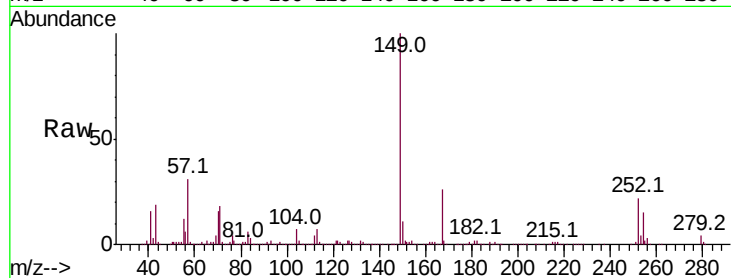
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:	149	Resp:	483607
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	4.2	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 43.495 ng

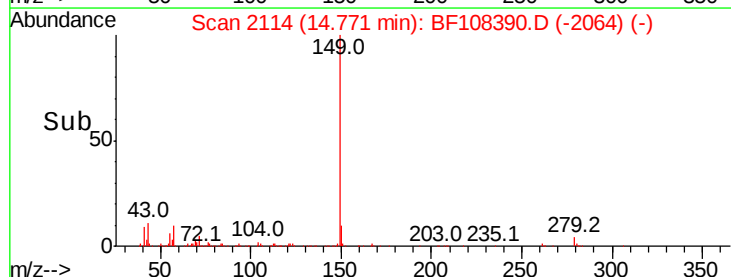
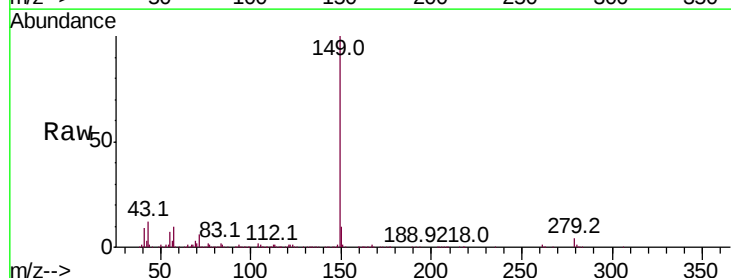
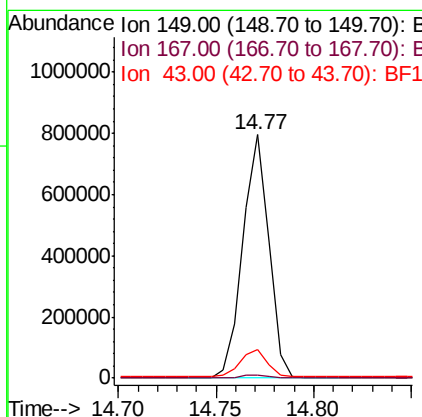
RT: 14.77 min Scan# 2114

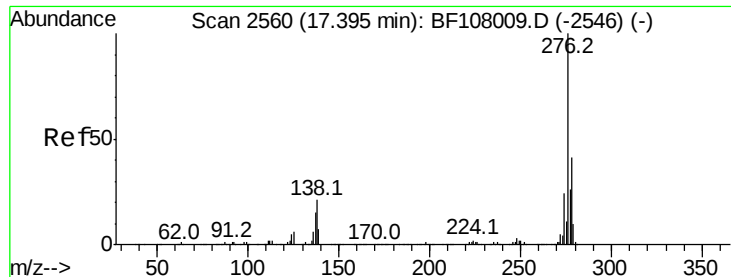
Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:	149	Resp:	736445
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6





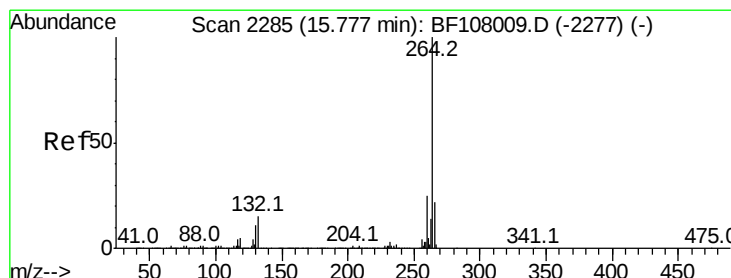
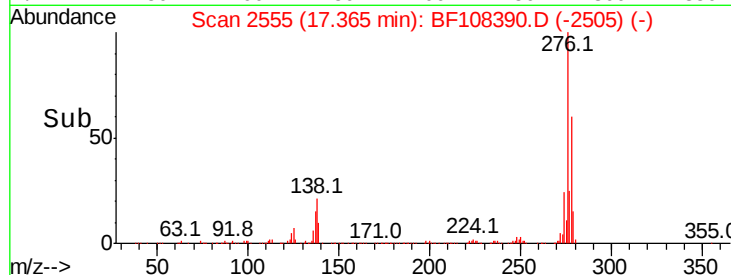
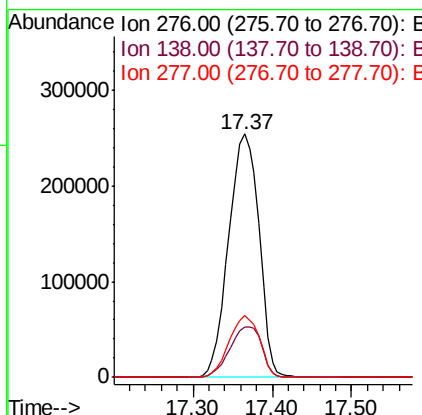
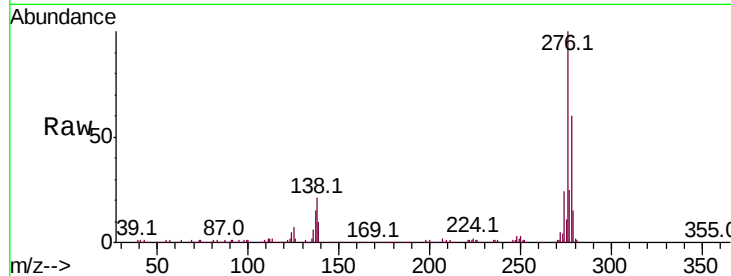
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.548 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.5	20.1	30.1

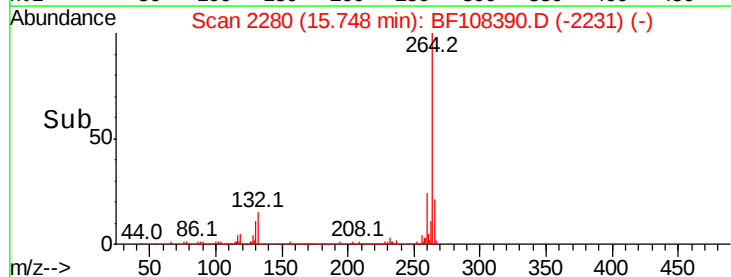
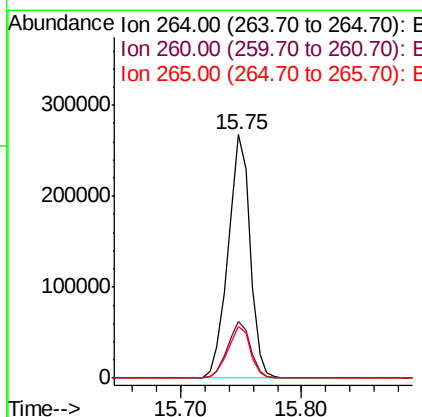
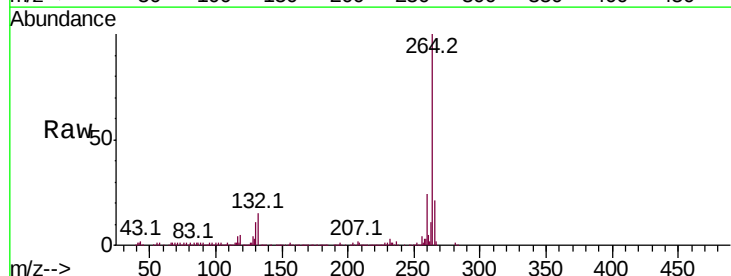
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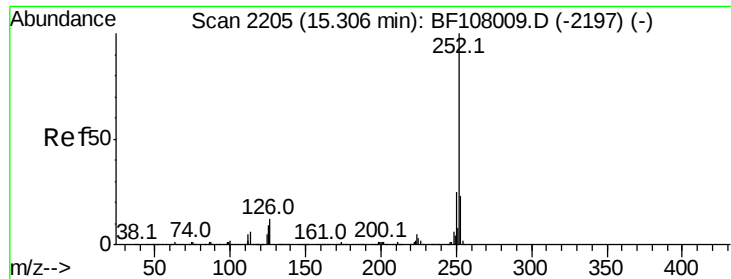
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 33.879 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Instrument :

BNA_F

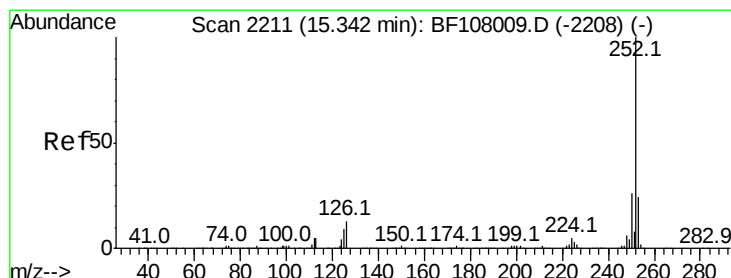
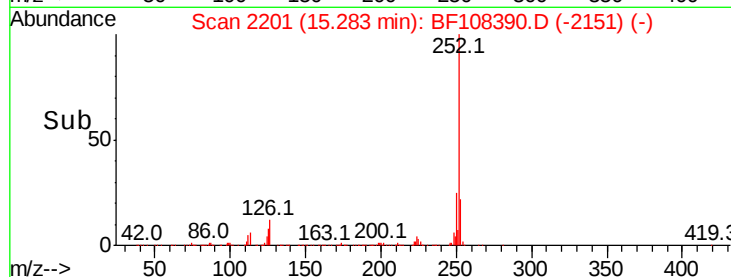
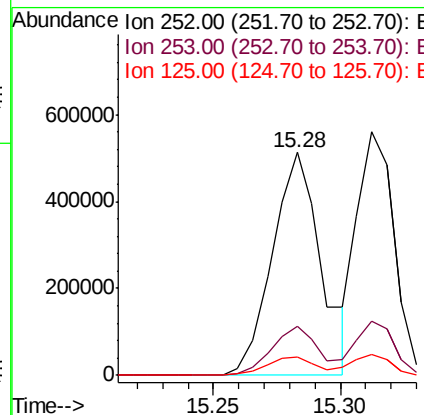
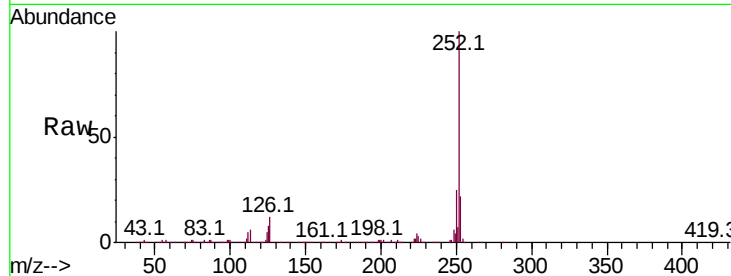
ClientSampleId :

FK-PS-01-037MSD

Tot Ion:252	Resp:	687315
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.0 25.6
125	8.4	9.0 13.6#

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#88

Benzo(k)fluoranthene

Concen: 30.519 ng

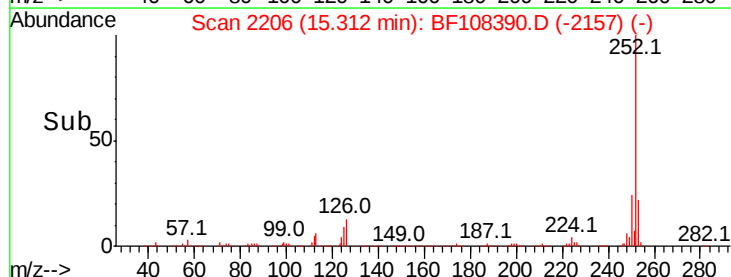
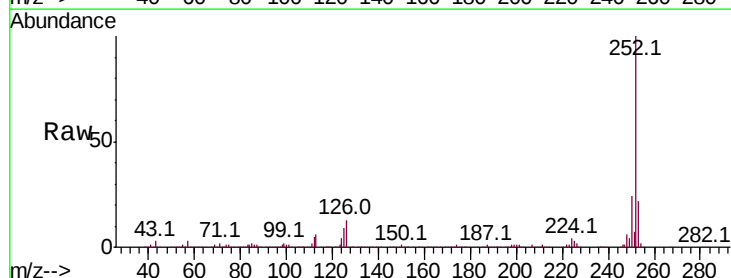
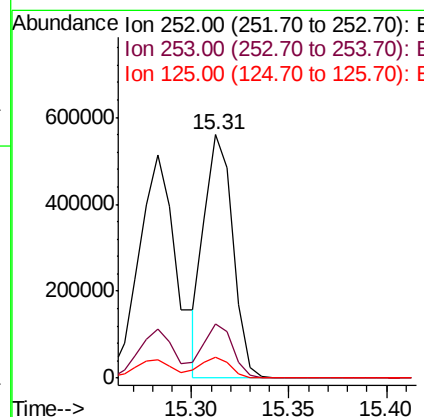
RT: 15.31 min Scan# 2206

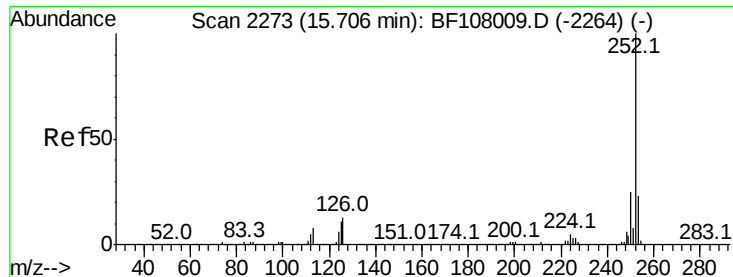
Delta R.T. -0.01 min

Lab File: BF108390.D

Acq: 22 Aug 2018 18:27

Tgt Ion:252	Resp:	569148
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.9 26.9
125	8.8	10.2 15.2#





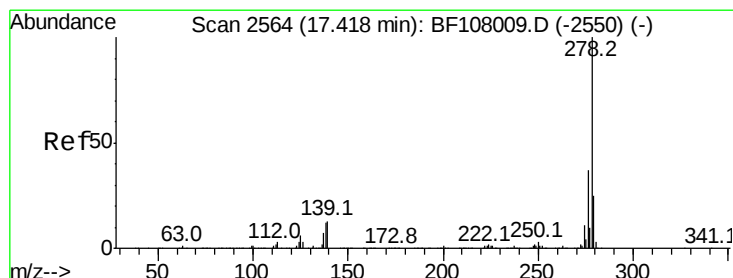
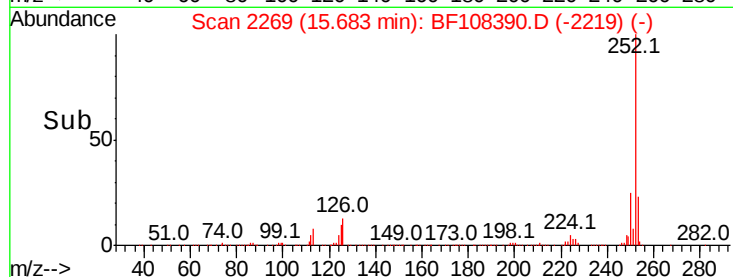
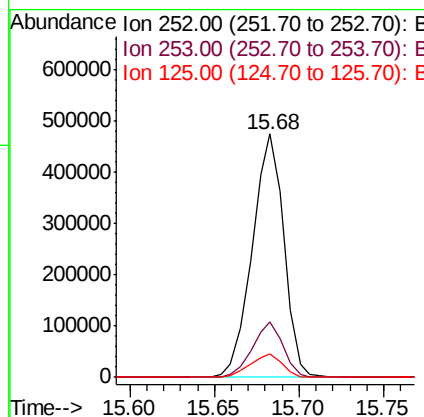
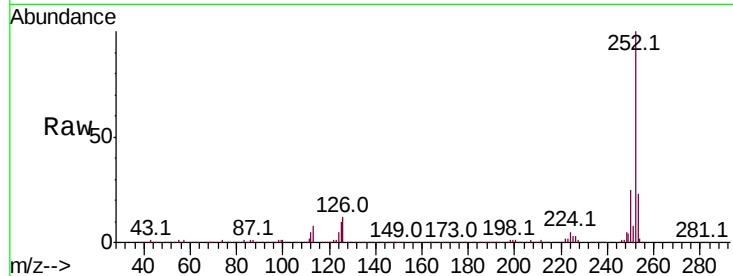
#89
Benzo(a)pyrene
Concen: 34.142 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.7	9.8	14.6

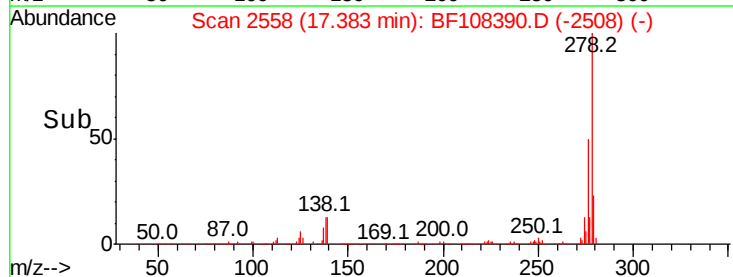
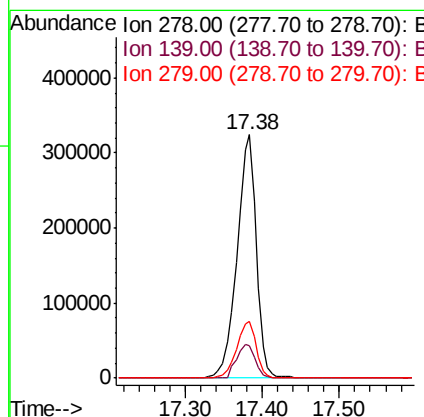
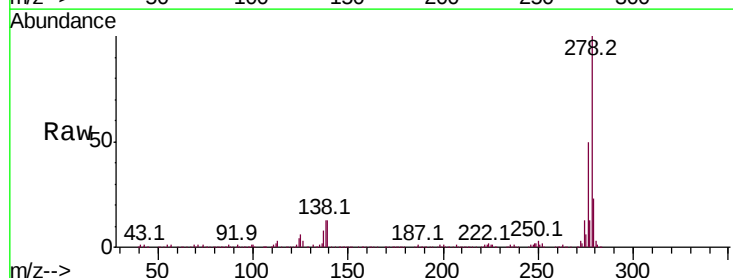
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#90
Dibenzo(a,h)anthracene
Concen: 37.901 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108390.D
Acq: 22 Aug 2018 18:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.796 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: BF108390.D
 Acq: 22 Aug 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-037MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	19.0	21.8	32.8#

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