

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108943.D
 Acq On : 11 Sep 2018 18:50
 Operator : JU/SJ
 Sample : J4847-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Manual Integrations
 APPROVED

Sohil
 9/12/2018 9:12:01 AM

Quant Time: Sep 12 03:43:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175074	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	661863	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	286317	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	460143	20.00	ng	0.00
75) Chrysene-d12	13.87	240	359143	20.00	ng	0.00
86) Perylene-d12	15.28	264	460615	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	682823	64.61	ng	0.01
7) Phenol-d6	6.37	99	879239	64.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	535189	50.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	167470	61.27	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	836150	49.82	ng	0.00
78) Terphenyl-d14	12.82	244	587293	38.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	98859	19.465	ng	94
3) Pyridine	3.17	79	224644	16.151	ng	91
4) n-Nitrosodimethylamine	3.08	42	130943	24.511	ng	# 94
6) Aniline	6.40	93	353890	19.351	ng	98
8) 2-Chlorophenol	6.52	128	283856	24.267	ng	93
9) Benzaldehyde	6.28	77	145521	15.086	ng	95
10) Phenol	6.38	94	364990	23.436	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	279773	22.425	ng	98
12) 1,3-Dichlorobenzene	6.68	146	297485	22.286	ng	98
13) 1,4-Dichlorobenzene	6.75	146	302894	22.691	ng	99
14) 1,2-Dichlorobenzene	6.91	146	285776	23.226	ng	99
15) Benzyl Alcohol	6.88	79	248928	23.855	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	407610	21.857	ng	97
17) 2-Methylphenol	7.00	107	228547	23.120	ng	98
18) Hexachloroethane	7.25	117	106793	22.187	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	199365	21.094	ng	98
20) 3+4-Methylphenols	7.15	107	276713	23.896	ng	# 62
22) Acetophenone	7.14	105	375637	25.007	ng	# 93
24) Nitrobenzene	7.31	77	296559	26.134	ng	97
25) Isophorone	7.56	82	537514	25.479	ng	99
26) 2-Nitrophenol	7.64	139	135682	30.349	ng	95
27) 2,4-Dimethylphenol	7.68	122	245038	26.991	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	348686	24.722	ng	98
29) 2,4-Dichlorophenol	7.88	162	228299	24.388	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	229435	22.615	ng	96
31) Naphthalene	8.04	128	777987	26.127	ng	99
32) Benzoic acid	7.75	122	82838m	17.965	ng	
33) 4-Chloroaniline	8.09	127	277148	20.265	ng	96
34) Hexachlorobutadiene	8.17	225	136623	22.543	ng	99
35) Caprolactam	8.44	113	65784	20.738	ng	90
36) 4-Chloro-3-methylphenol	8.57	107	228786	22.942	ng	97
37) 2-Methylnaphthalene	8.73	142	500976	25.466	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	218693	25.552	ng	98
40) Hexachlorocyclopentadiene	8.89	237	148838	34.567	ng	98

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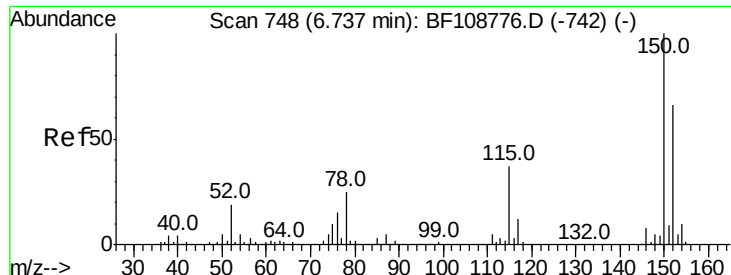
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Quant Time: Sep 12 03:43:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	149092	25.575	ng	99
43) 2,4,5-Trichlorophenol	9.05	196	160316	26.530	ng	94
45) 1,1'-Biphenyl	9.20	154	581926	26.400	ng	98
46) 2-Chloronaphthalene	9.22	162	449404	25.209	ng	96
47) 2-Nitroaniline	9.31	65	139965	28.740	ng	97
48) Acenaphthylene	9.63	152	709058	26.684	ng	100
49) Dimethylphthalate	9.50	163	780736	38.986	ng	99
50) 2,6-Dinitrotoluene	9.55	165	113939	29.859	ng	94
51) Acenaphthene	9.80	154	420713	25.585	ng	98
52) 3-Nitroaniline	9.71	138	112343	24.732	ng	94
53) 2,4-Dinitrophenol	9.82	184	30315	28.412	ng #	23
54) Dibenzofuran	9.97	168	589169	24.580	ng	98
55) 4-Nitrophenol	9.88	139	157522	46.387	ng	93
56) 2,4-Dinitrotoluene	9.95	165	138164	28.312	ng #	94
57) Fluorene	10.31	166	427452	27.789	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	118089	24.233	ng #	88
59) Diethylphthalate	10.19	149	494563	23.931	ng	99
60) 4-Chlorophenyl-phenylether	10.31	204	213278	25.962	ng	96
61) 4-Nitroaniline	10.32	138	97914	23.794	ng	97
62) Azobenzene	10.47	77	491621	23.046	ng	97
64) 4,6-Dinitro-2-methylphenol	10.35	198	27102	19.703	ng	94
65) n-Nitrosodiphenylamine	10.42	169	414155	27.071	ng	95
66) 4-Bromophenyl-phenylether	10.80	248	134854	25.948	ng #	87
67) Hexachlorobenzene	10.87	284	131584	23.718	ng #	90
68) Atrazine	10.95	200	129221	26.385	ng	98
69) Pentachlorophenol	11.05	266	119105	35.115	ng	99
70) Phenanthrene	11.27	178	572431	26.051	ng	98
71) Anthracene	11.32	178	592033	28.140	ng	99
72) Carbazole	11.47	167	507620	22.910	ng	98
73) Di-n-butylphthalate	11.81	149	661473	26.884	ng	99
74) Fluoranthene	12.45	202	526644	24.207	ng	95
76) Benzidine	12.57	184	329164	19.338	ng	98
77) Pyrene	12.68	202	520741	18.843	ng	99
79) Butylbenzylphthalate	13.30	149	236722	19.021	ng	96
80) Benzo(a)anthracene	13.86	228	520565	22.614	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	203776	22.721	ng #	97
82) Chrysene	13.90	228	506277	22.718	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	324637	20.757	ng	98
84) Di-n-octyl phthalate	14.48	149	639314	24.519	ng	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	582093	29.515	ng	95
87) Benzo(b)fluoranthene	14.88	252	594193	23.724	ng	99
88) Benzo(k)fluoranthene	14.91	252	533720	23.140	ng	98
89) Benzo(a)pyrene	15.22	252	558670	24.721	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	496296	24.922	ng	97
91) Benzo(g,h,i)perylene	17.05	276	451775	22.658	ng	94

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



#1

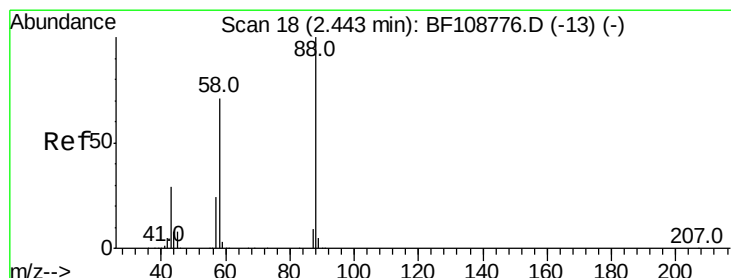
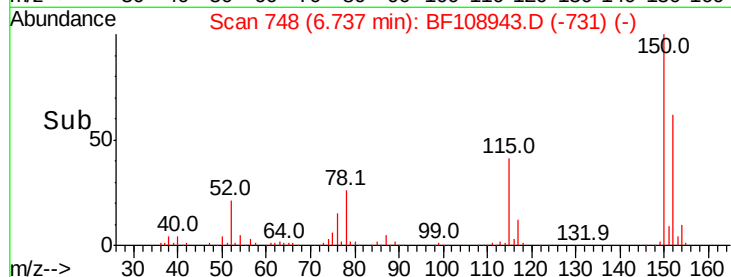
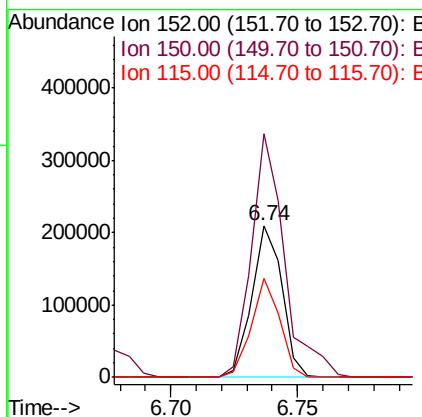
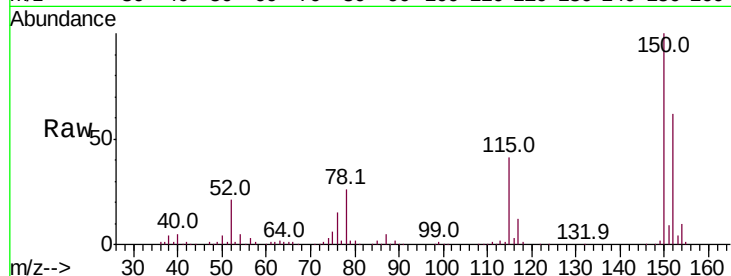
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	65.4	50.1	75.1

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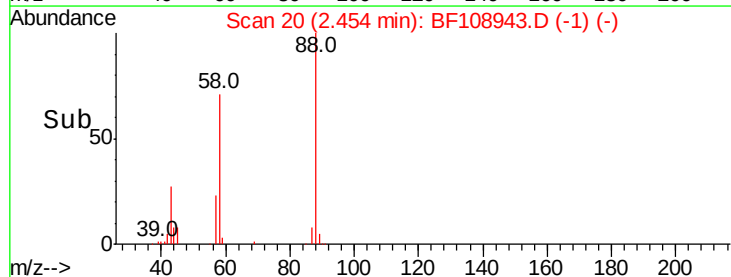
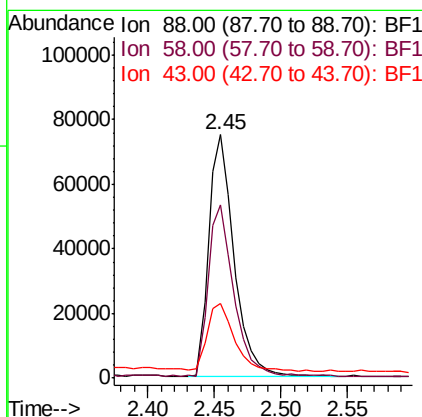
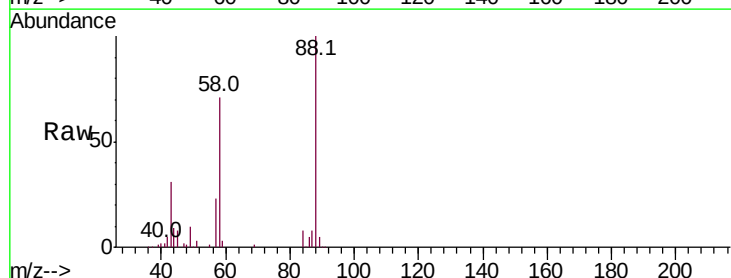
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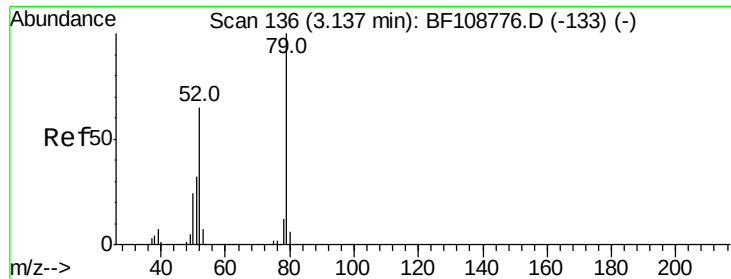


#2

1,4-Dioxane
Concen: 19.465 ng
RT: 2.45 min Scan# 20
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	62.6	93.8
43	29.4	24.6	37.0





#3

Pvridine

Concen: 16.151 ng

RT: 3.17 min Scan# 142

Delta R.T. 0.04 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

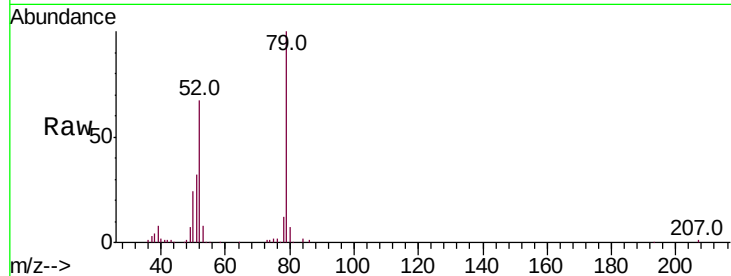
ClientSampleId :

FK-PS-01-040MSD

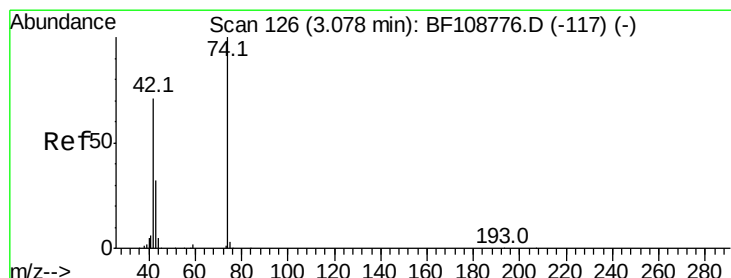
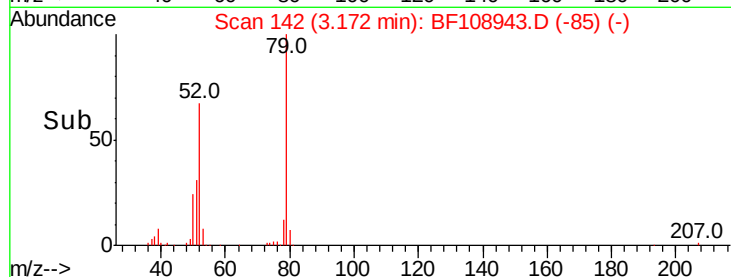
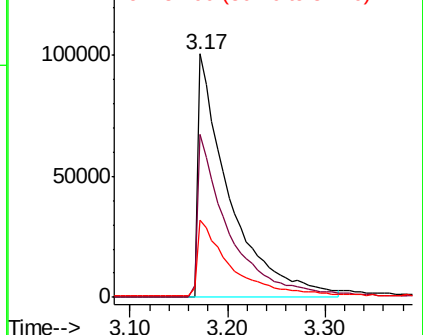
Tot Ion:	79	Resp:	224644
Ion Ratio	Lower	Upper	
79	100		
52	66.7	59.8	89.6
51	31.9	29.8	44.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 24.511 ng

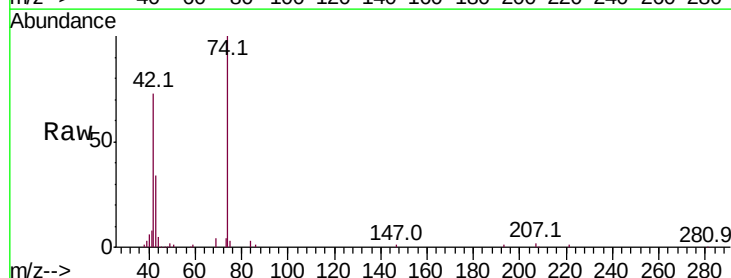
RT: 3.08 min Scan# 127

Delta R.T. 0.01 min

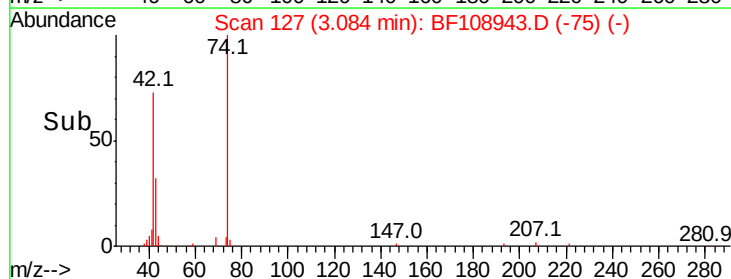
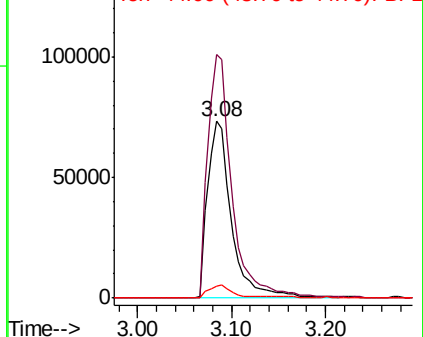
Lab File: BF108943.D

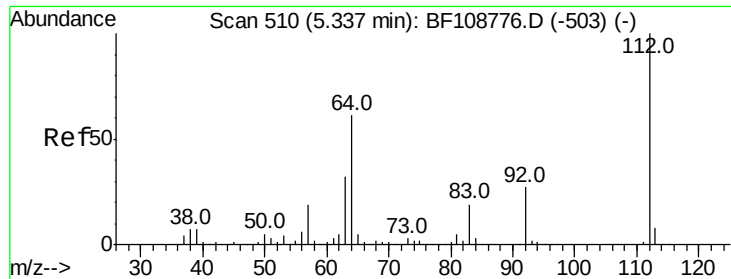
Acq: 11 Sep 2018 18:50

Tgt Ion:	42	Resp:	130943
Ion Ratio	Lower	Upper	
42	100		
74	137.7	104.9	157.3
44	6.6	6.9	10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 64.613 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

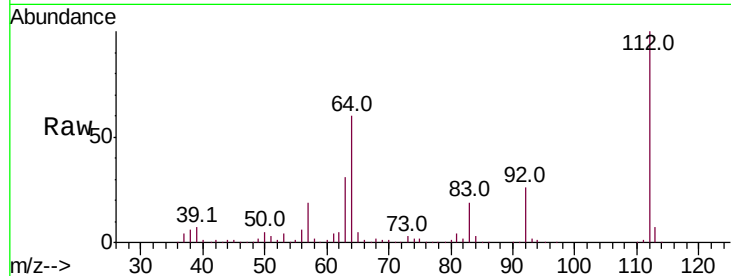
ClientSampleId :

FK-PS-01-040MSD

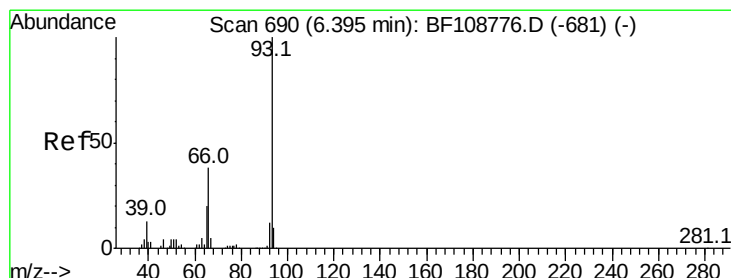
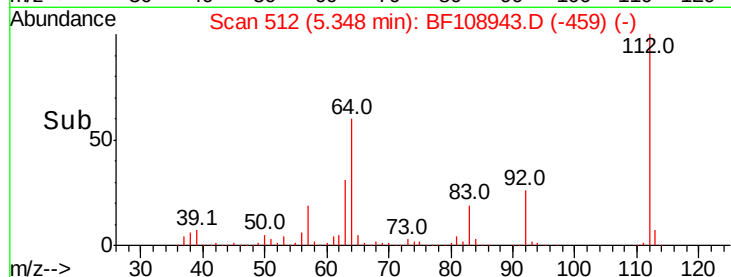
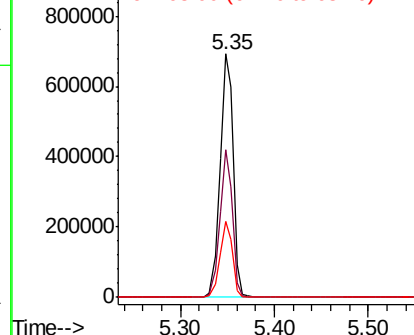
Tot Ion	Ratio	Resp	Lower	Upper
112	100	682823		
64	60.4	47.9	71.9	
63	31.1	23.7	35.5	

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.351 ng

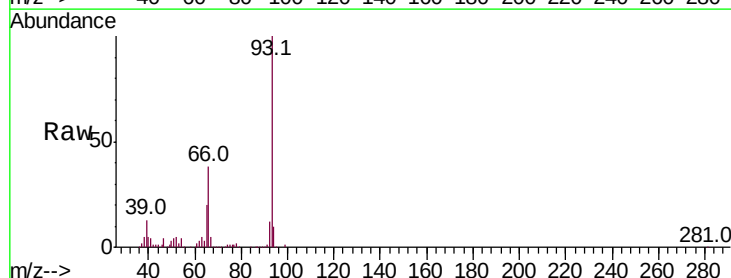
RT: 6.40 min Scan# 690

Delta R.T. -0.00 min

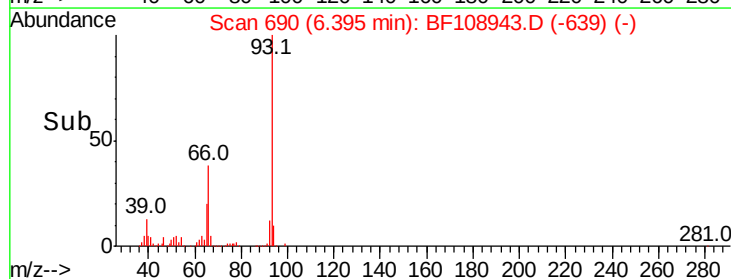
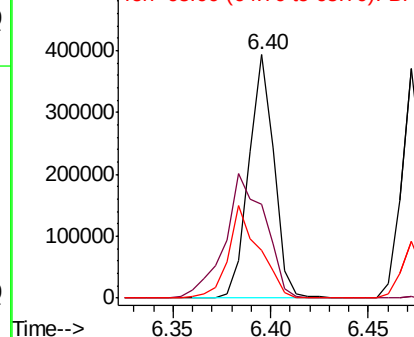
Lab File: BF108943.D

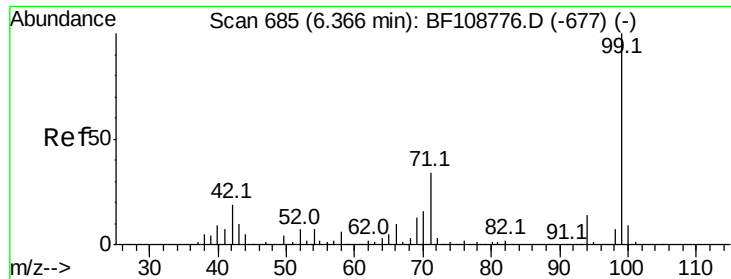
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	353890		
66	38.4	32.2	48.2	
65	19.8	16.4	24.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 64.663 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

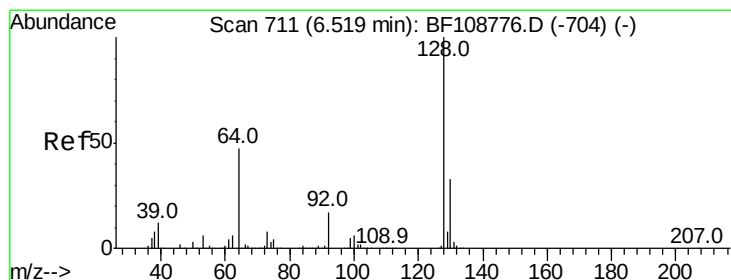
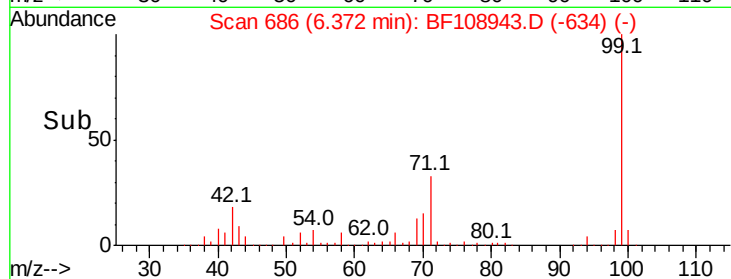
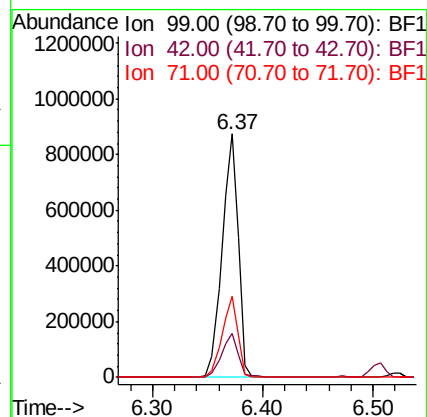
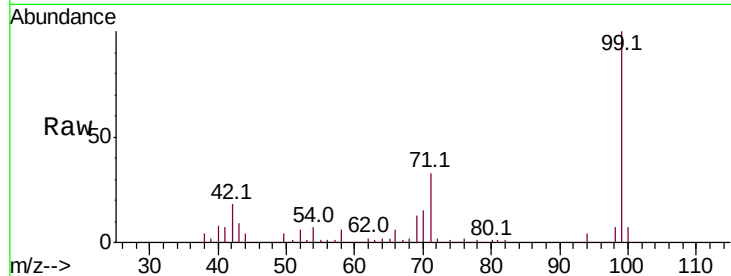
ClientSampleId :

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Tot Ion:	99	Resp:	879239
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.5	21.7
71	33.1	25.4	38.0

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#8

2-Chlorophenol

Concen: 24.267 ng

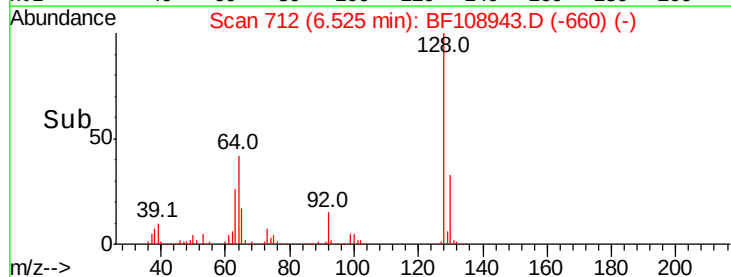
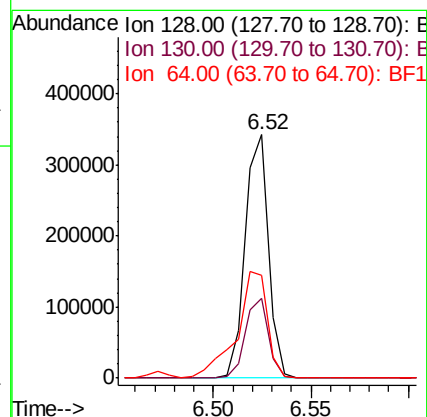
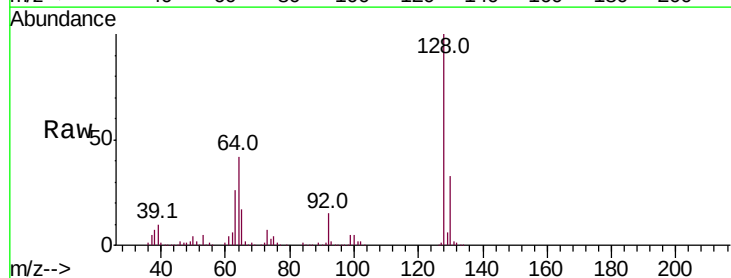
RT: 6.52 min Scan# 712

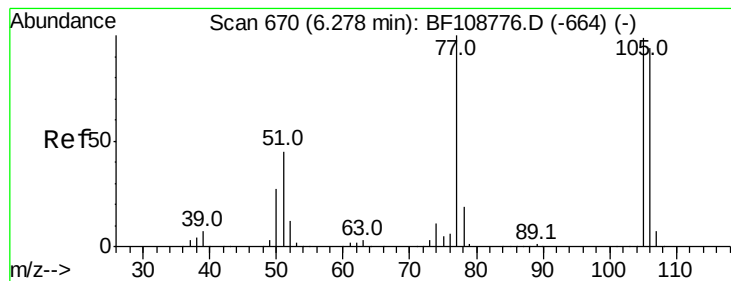
Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:	128	Resp:	283856
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	42.0	29.4	69.4





#9

Benzaldehyde

Concen: 15.086 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

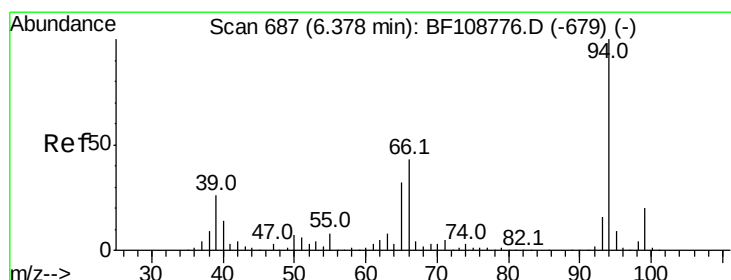
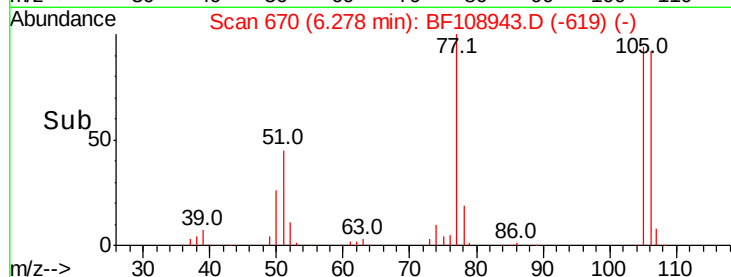
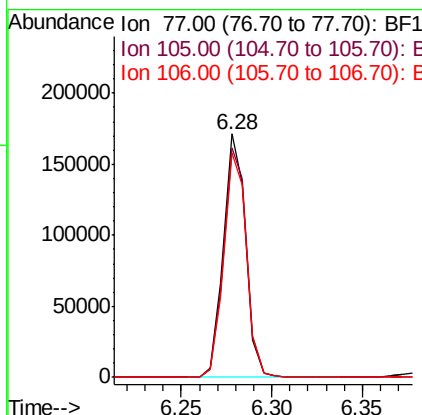
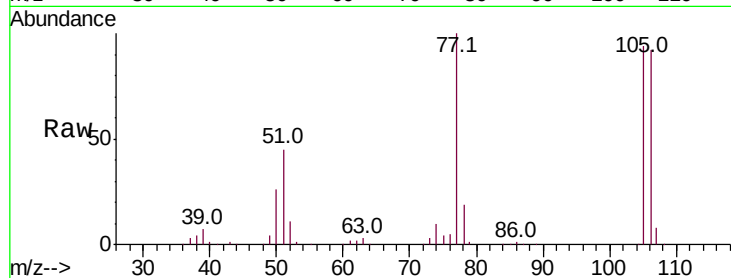
ClientSampleId :

FK-PS-01-040MSD

Tot Ion:	77	Resp:	145521
Ion Ratio	Lower	Upper	
77	100		
105	94.4	81.1	121.1
106	92.3	74.5	114.5

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#10

Phenol

Concen: 23.436 ng

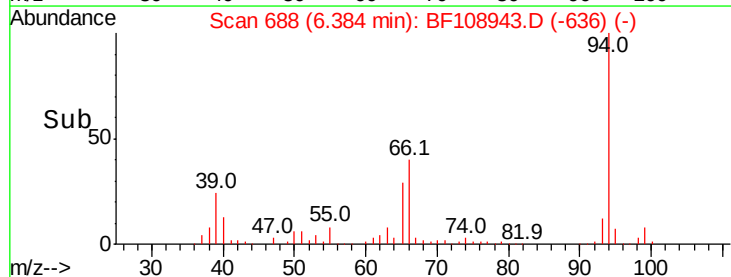
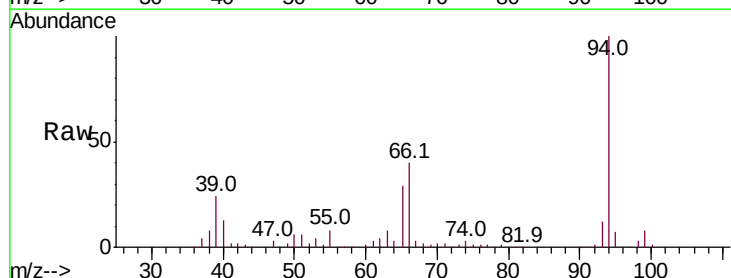
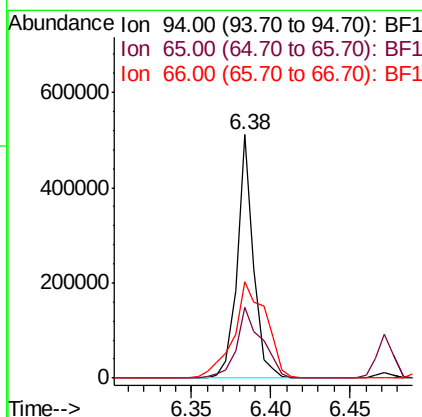
RT: 6.38 min Scan# 688

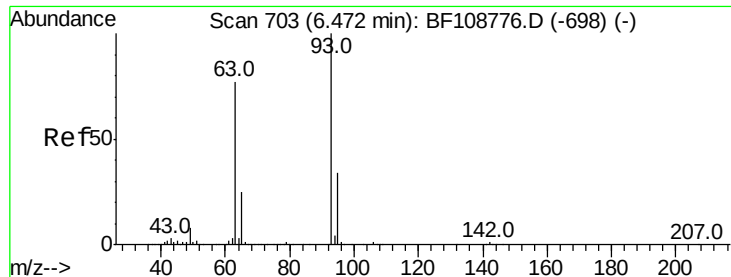
Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:	94	Resp:	364990
Ion Ratio	Lower	Upper	
94	100		
65	29.2	7.9	47.9
66	39.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 22.425 ng

RT: 6.47 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

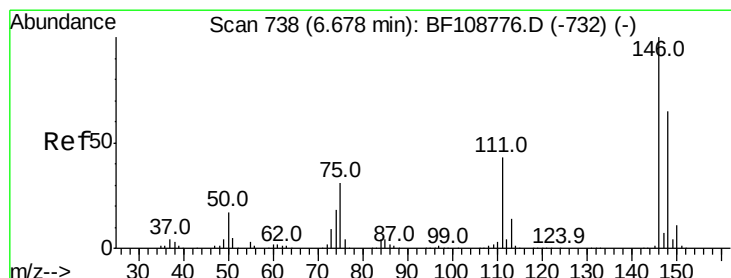
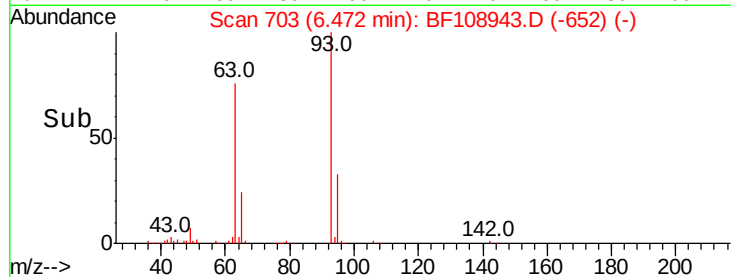
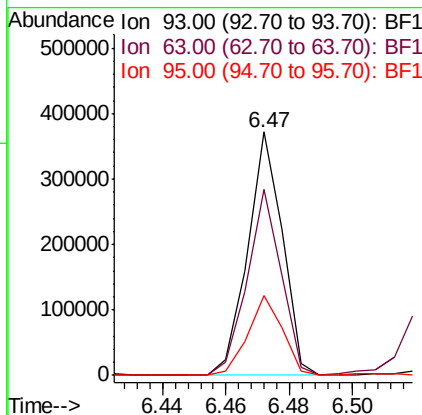
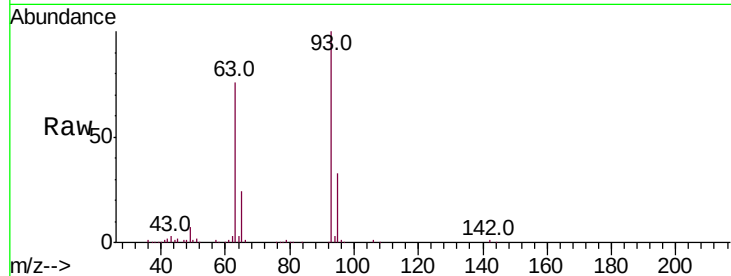
ClientSampleId :

FK-PS-01-040MSD

Tot Ion:	93	Resp:	279773
Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 22.286 ng

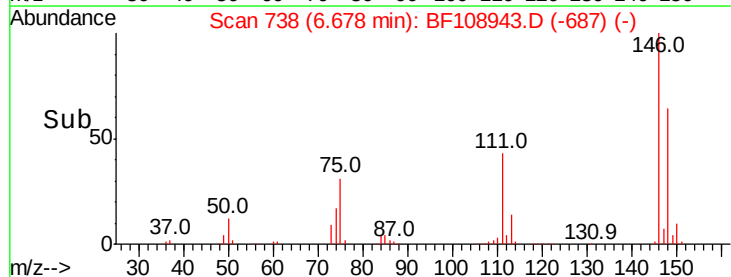
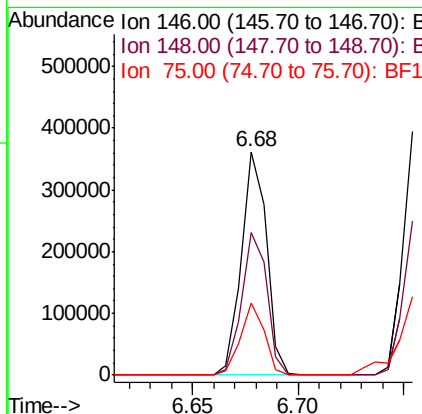
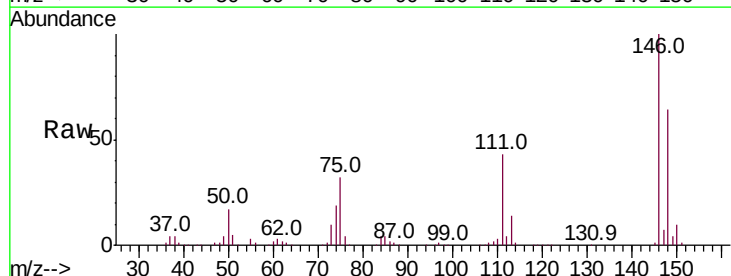
RT: 6.68 min Scan# 738

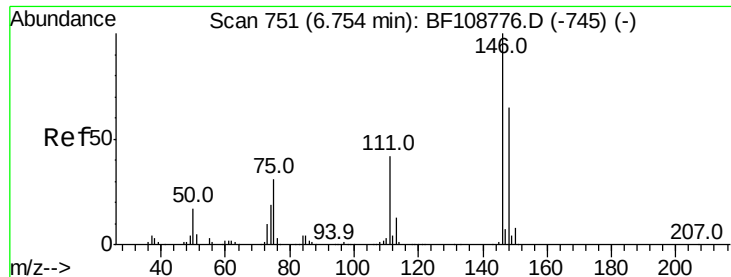
Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:	146	Resp:	297485
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	32.0	24.2	36.4





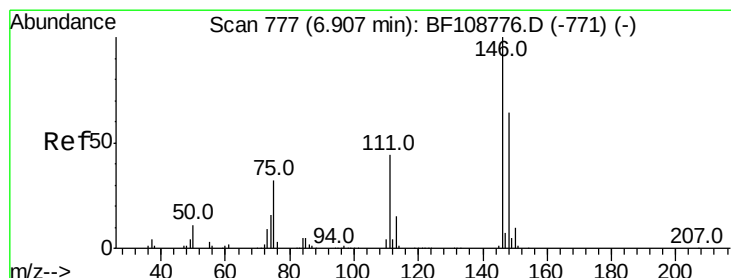
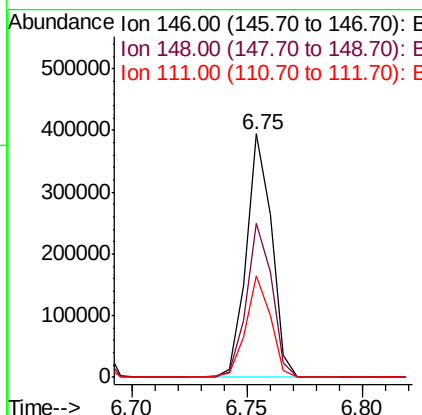
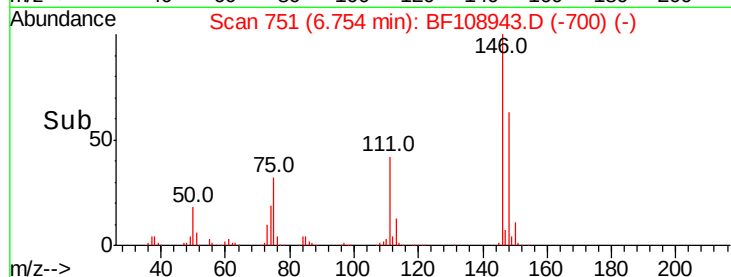
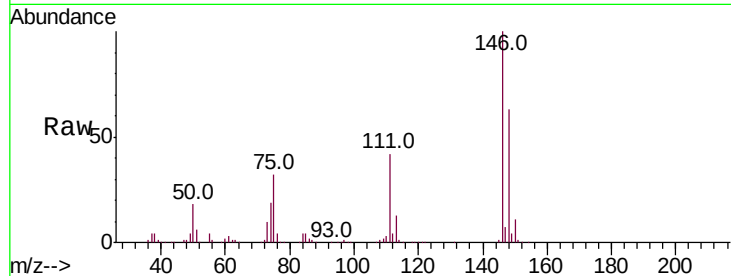
#13
1,4-Dichlorobenzene
Concen: 22.691 ng
RT: 6.75 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	41.5	34.2	51.2

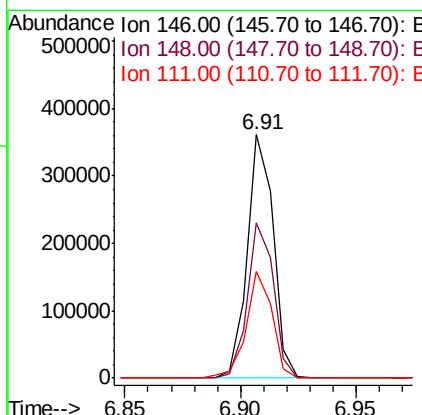
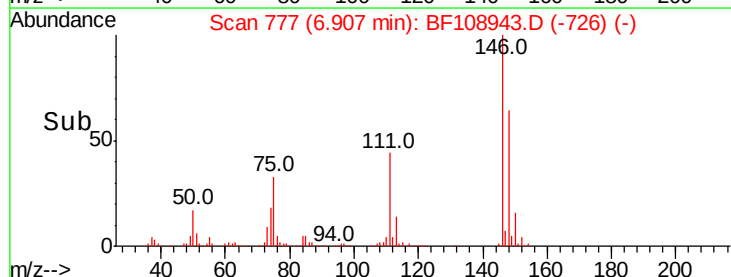
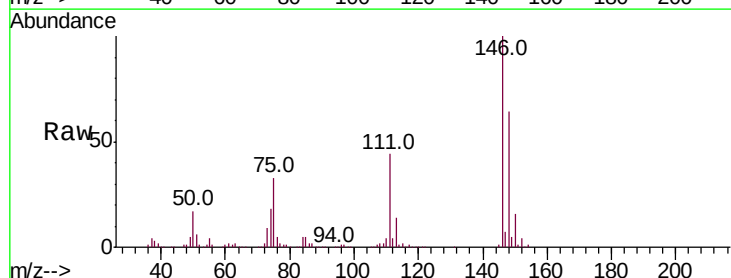
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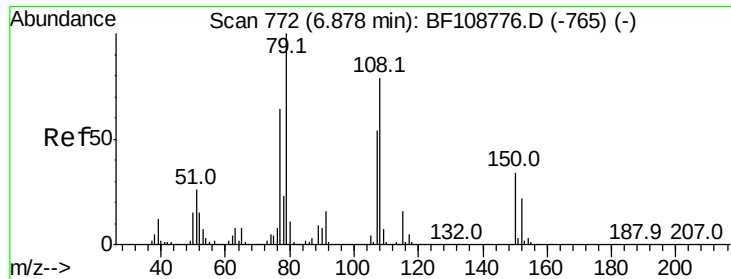
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#14
1,2-Dichlorobenzene
Concen: 23.226 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.7	36.0	54.0





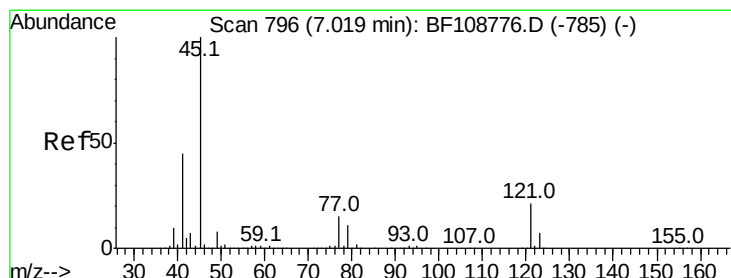
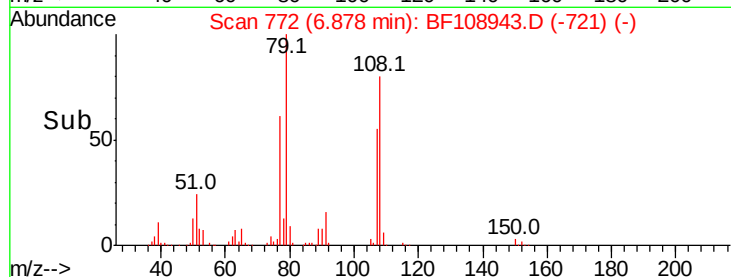
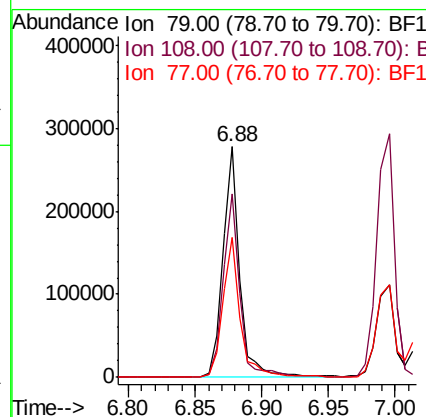
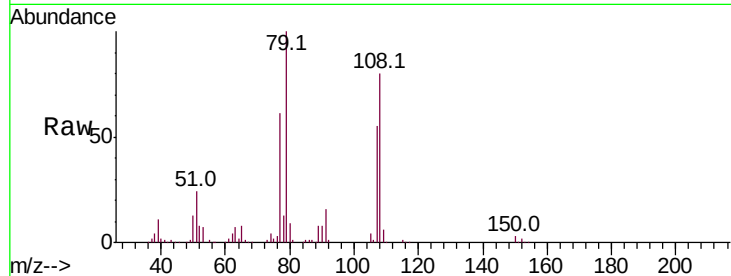
#15
Benzyl Alcohol
Concen: 23.855 ng
RT: 6.88 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.6	65.1	97.7	
77	61.0	50.6	75.8	

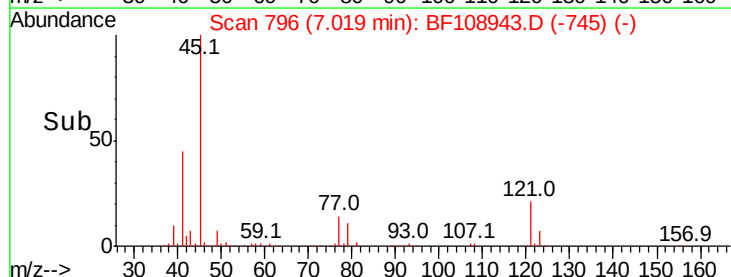
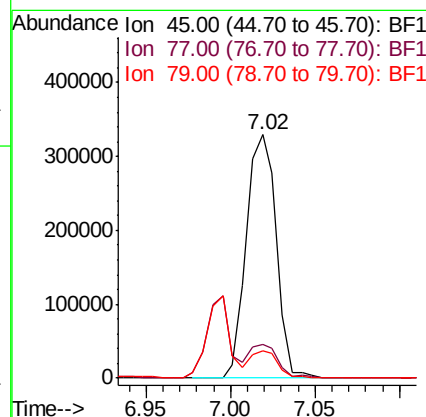
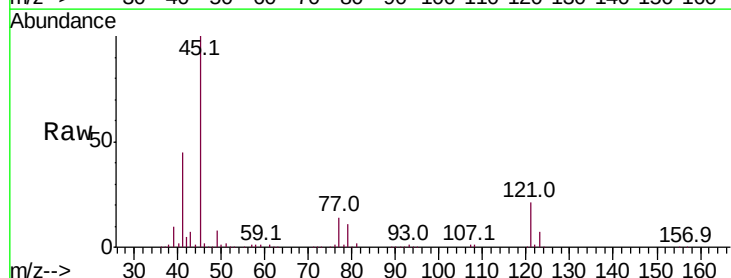
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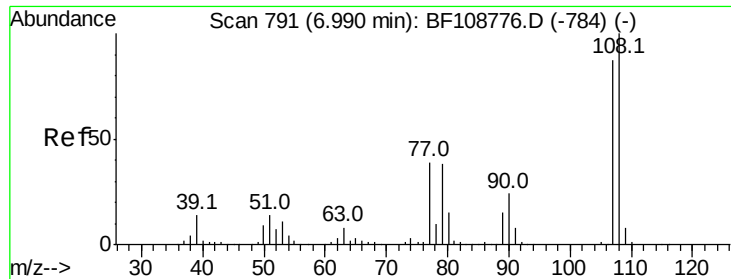
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#16
2,2'-oxybis(1-chloropropane)
Concen: 21.857 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.9	0.0	32.9	
79	11.3	0.0	29.6	





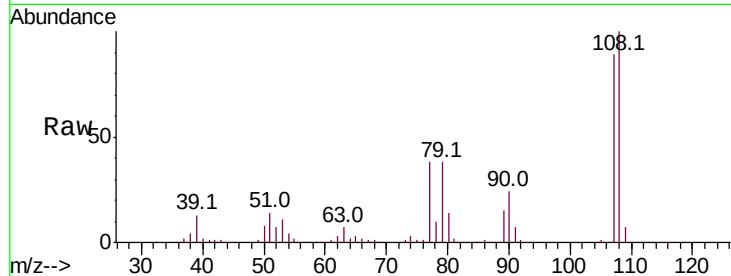
#17
2-Methylphenol
Concen: 23.120 ng
RT: 7.00 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.7	137.5	
77	42.9	33.8	50.8	
79	42.9	33.8	50.8	

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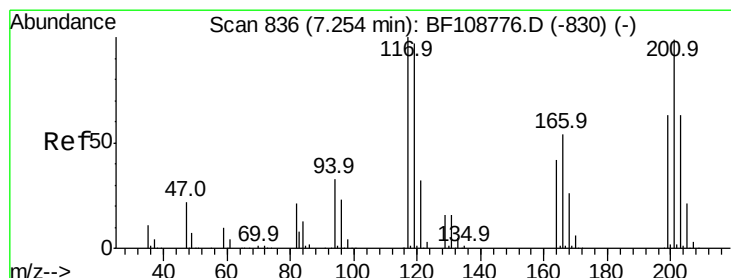
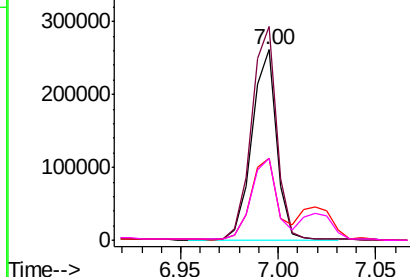
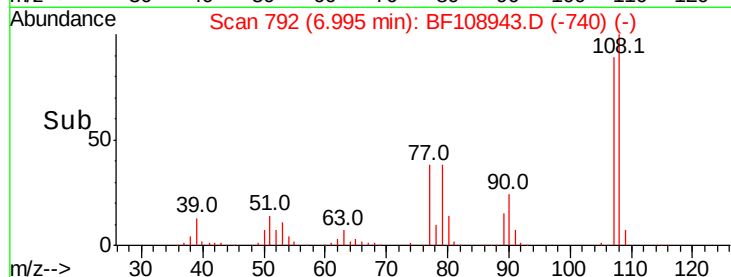
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

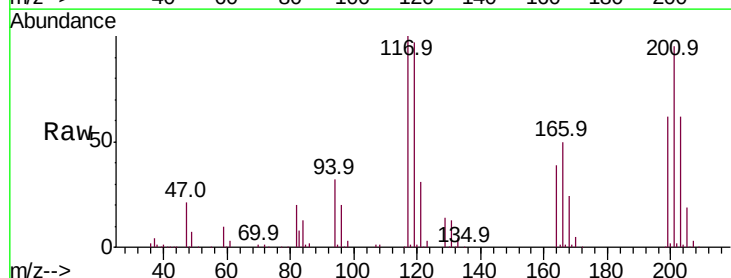
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 22.187 ng
RT: 7.25 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	75.8	113.8	
201	94.9	75.7	113.5	

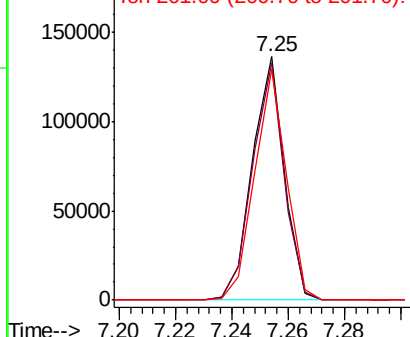
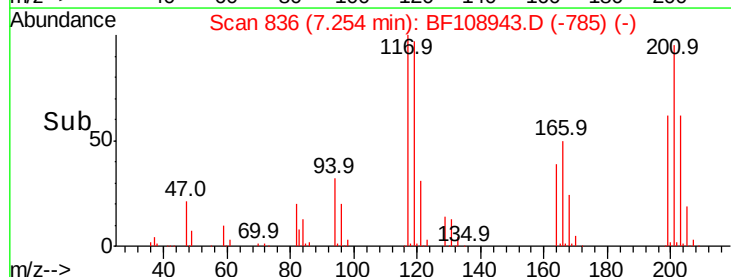


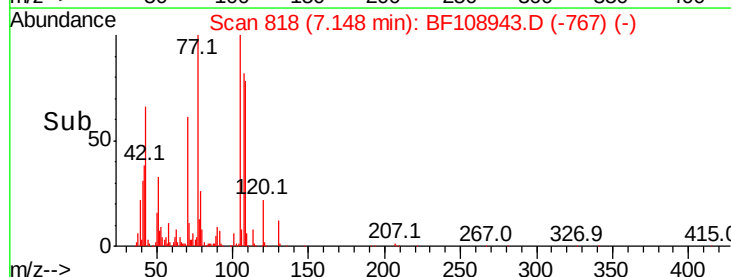
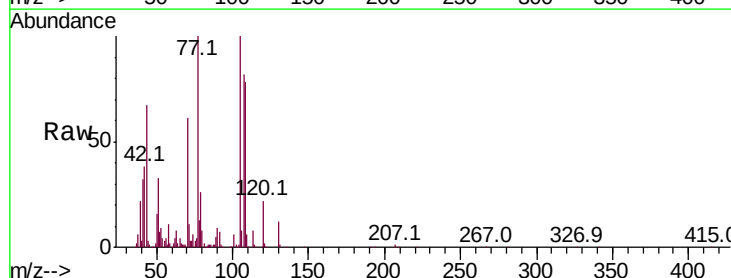
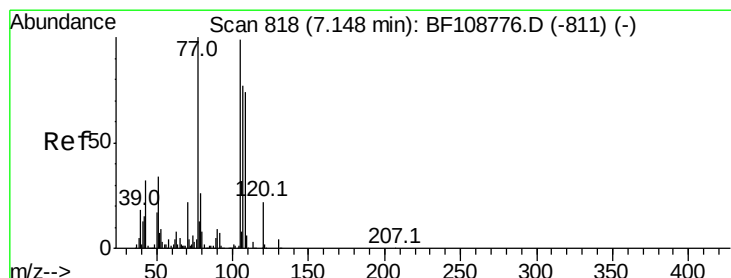
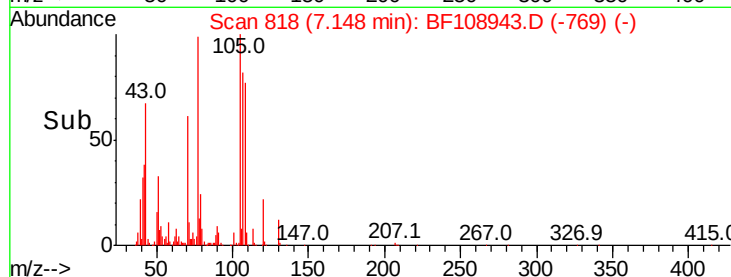
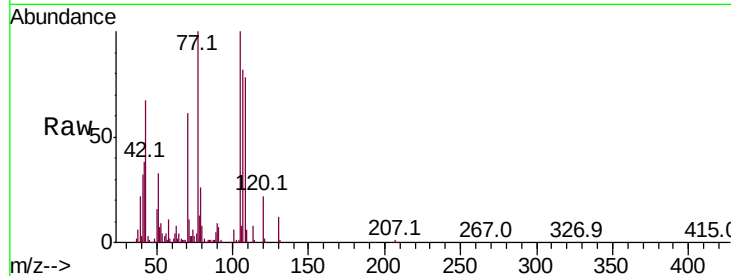
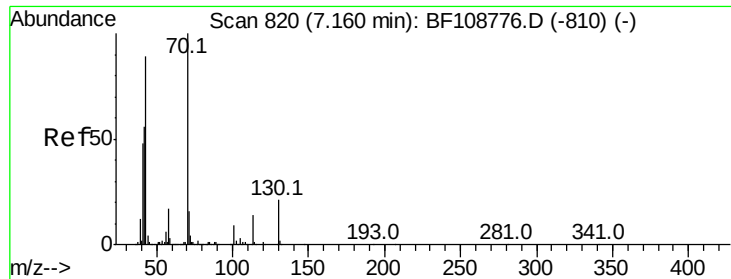
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 21.094 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108943.D

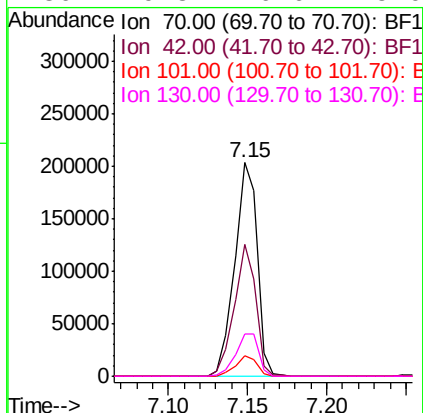
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.6	47.5	71.3		
101	9.5	7.4	11.2		
130	19.8	16.6	25.0		

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#20

3+4-Methylphenols

Concen: 23.896 ng

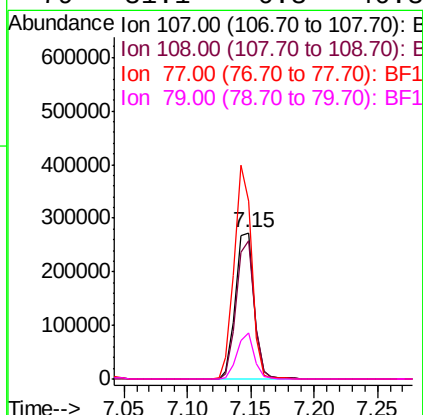
RT: 7.15 min Scan# 818

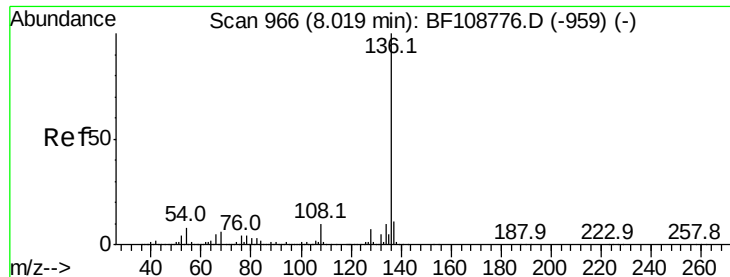
Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.4	68.2	108.2		
77	121.4	26.7	66.7#		
79	31.1	6.3	46.3		





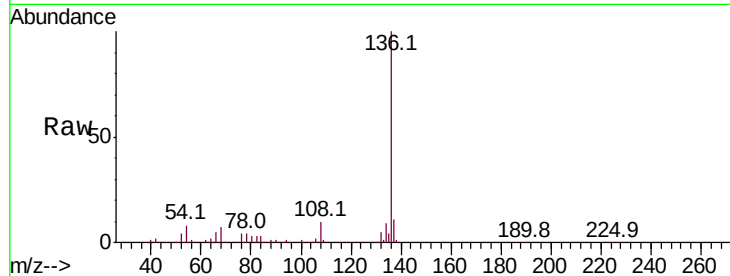
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

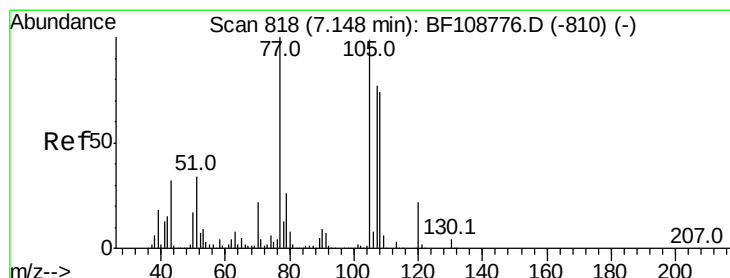
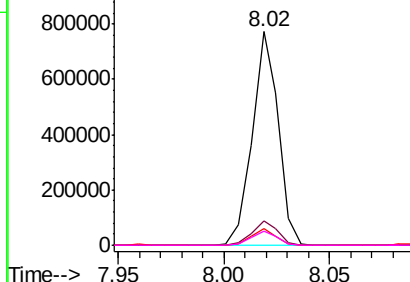
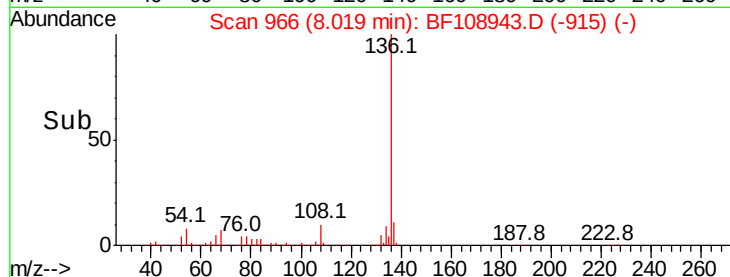
Tot Ion	Ratio	Resp	Lower	Upper
136	100	661863		
137	11.4	8.9	13.3	
54	7.7	6.6	9.8	
68	6.7	5.0	7.4	

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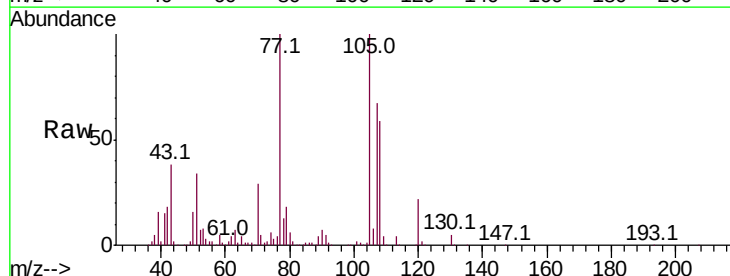


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

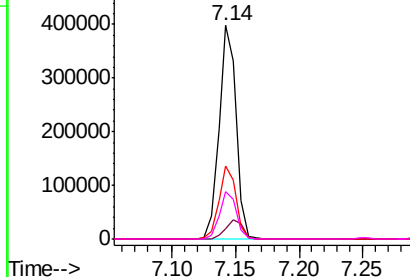
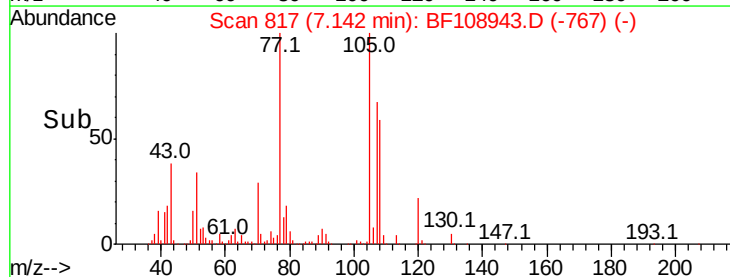


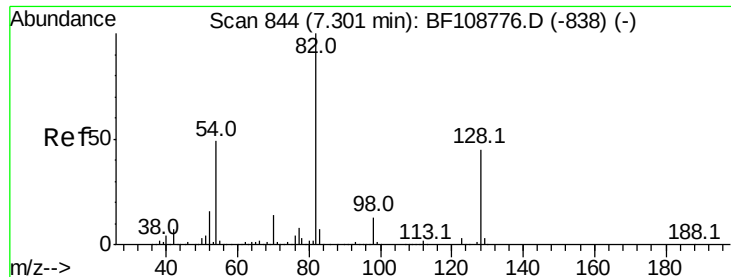
#22
Acetophenone
Concen: 25.007 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	375637		
71	4.7	4.4	6.6	
51	34.4	22.3	33.5#	
120	22.0	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
500000
Ion 51.00 (50.70 to 51.70): BF1
400000
Ion 120.00 (119.70 to 120.70): E
300000
200000
100000
0





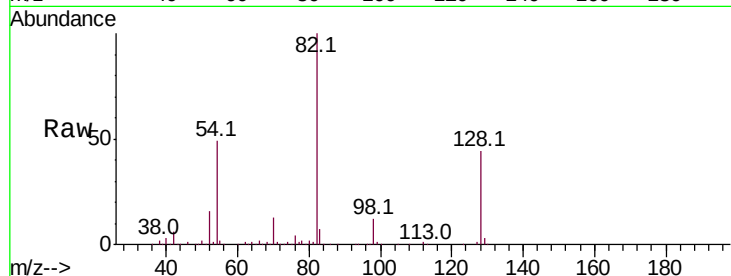
#23
 Nitrobenzene-d5
 Concen: 50.604 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

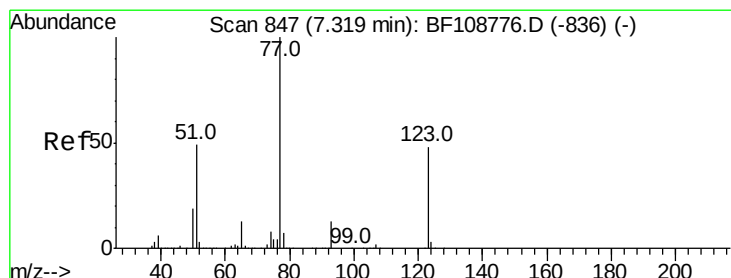
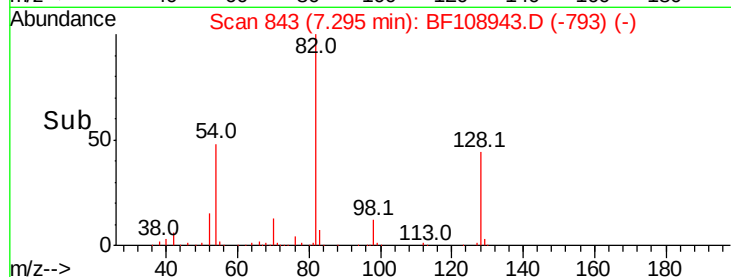
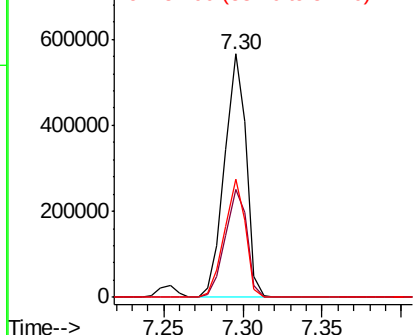
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	48.5	41.4	62.2

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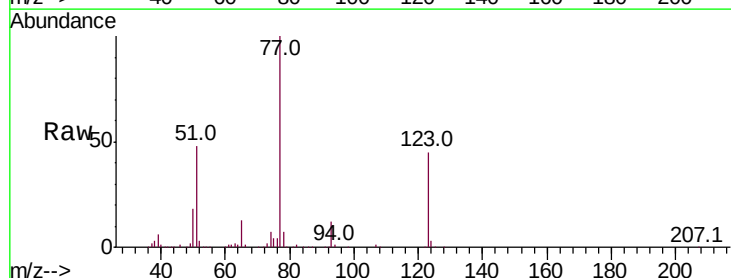


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

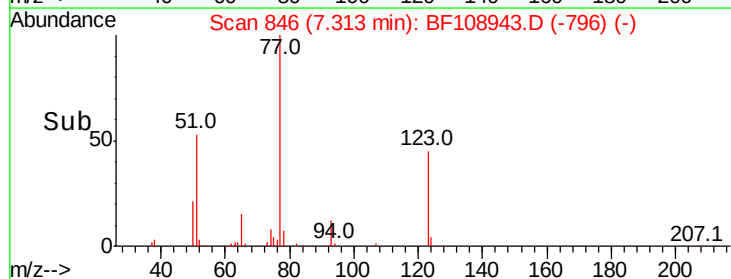
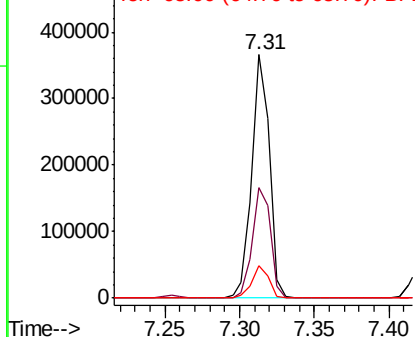


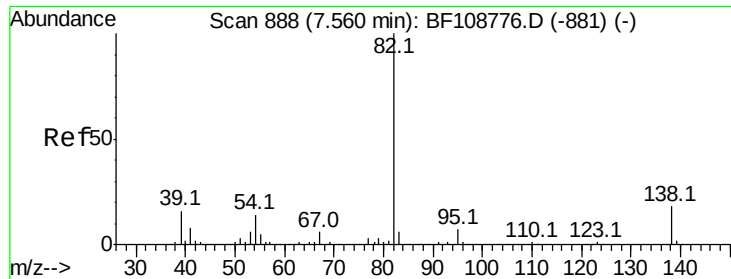
#24
 Nitrobenzene
 Concen: 26.134 ng
 RT: 7.31 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.9	56.9
65	13.3	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: 25.479 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

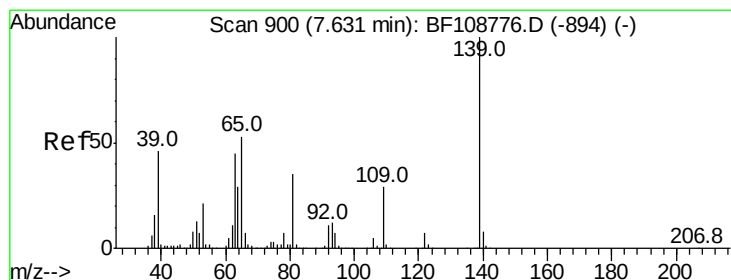
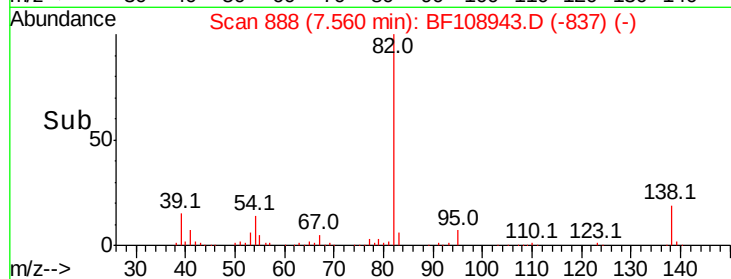
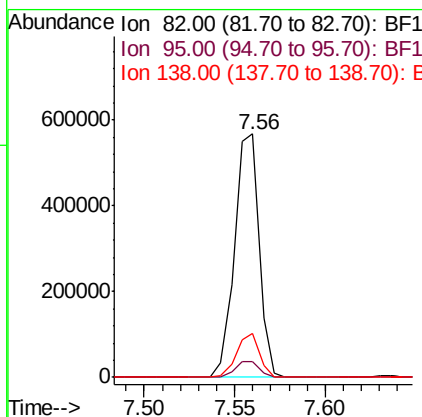
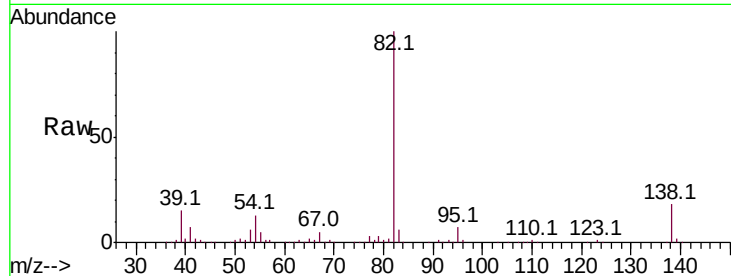
ClientSampleId :

FK-PS-01-040MSD

Tot Ion:	82	Resp:	537514
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 30.349 ng

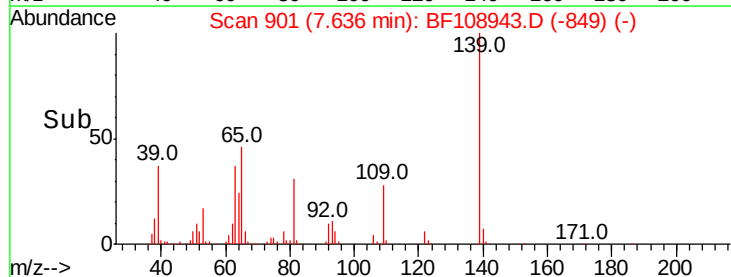
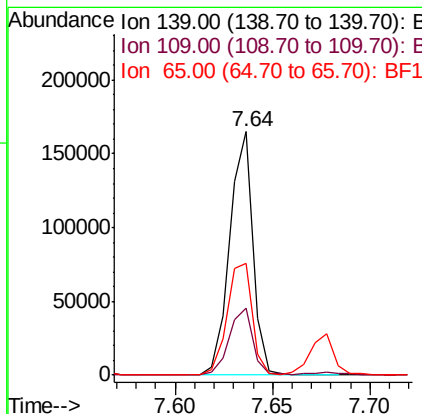
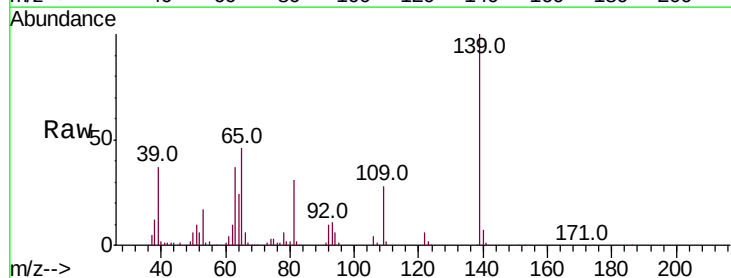
RT: 7.64 min Scan# 901

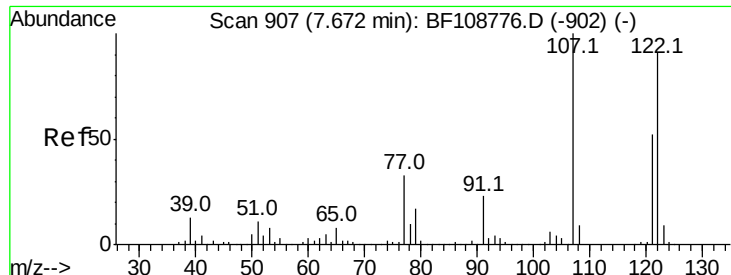
Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:	139	Resp:	135682
Ion Ratio	Lower	Upper	
139	100		
109	27.6	22.7	34.1
65	45.9	40.5	60.7





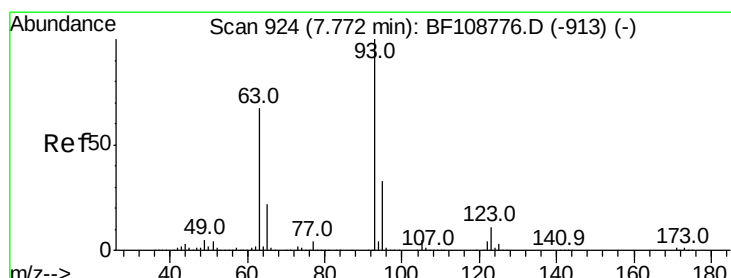
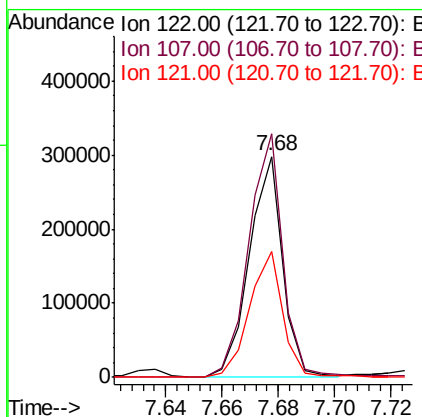
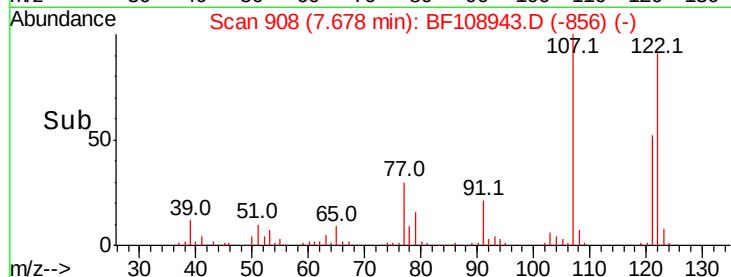
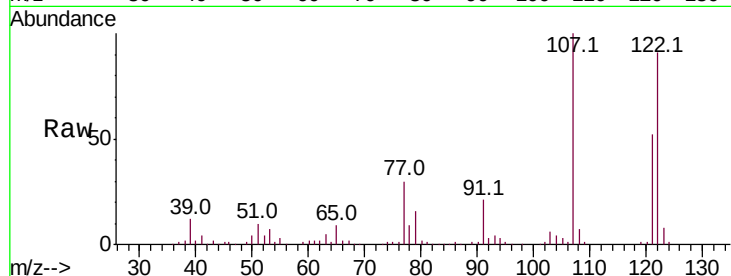
#27
2,4-Dimethylphenol
Concen: 26.991 ng
RT: 7.68 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.1	91.2	136.8
121	57.2	47.2	70.8

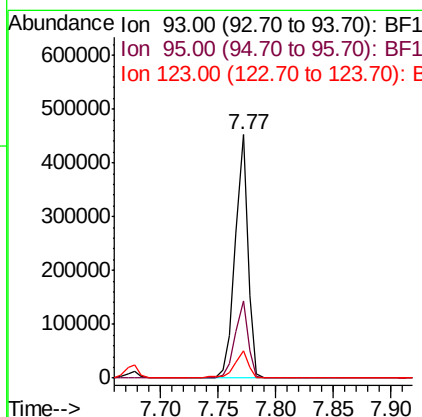
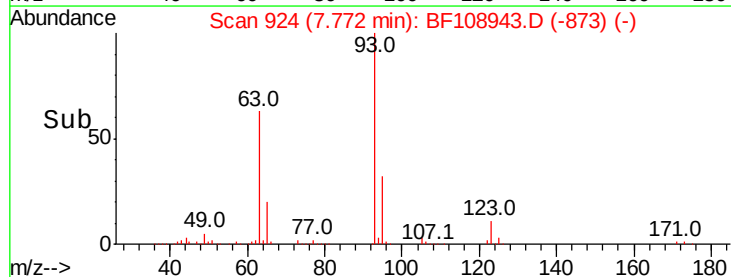
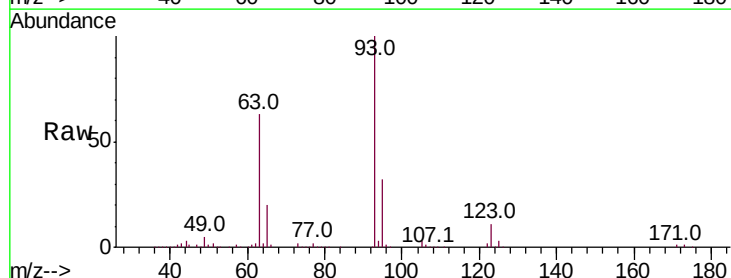
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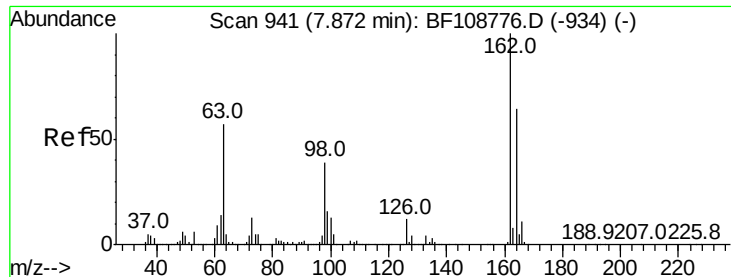
Sohil
9/12/2018 9:12:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 24.722 ng
RT: 7.77 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.3	39.5
123	11.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 24.388 ng

RT: 7.88 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

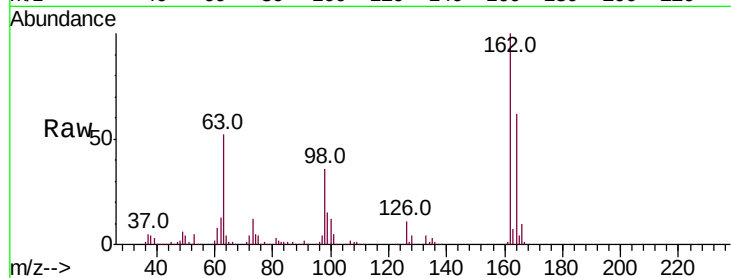
ClientSampleId :

FK-PS-01-040MSD

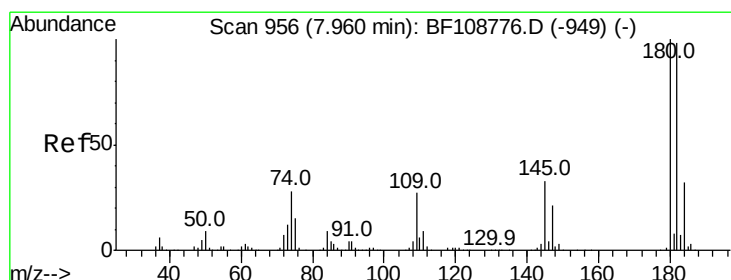
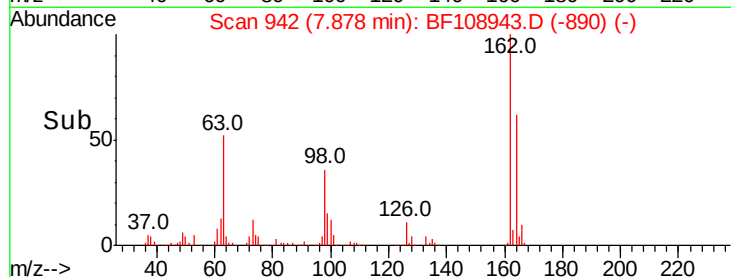
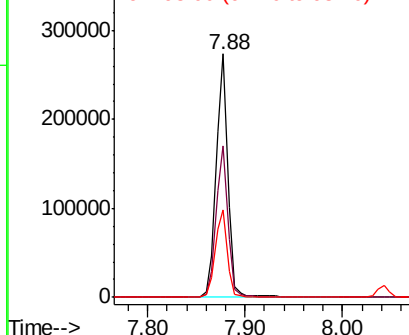
Tot Ion:	162	Resp:	228299
Ion Ratio	Lower	Upper	
162	100		
164	62.5	42.7	82.7
98	36.2	18.1	58.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 22.615 ng

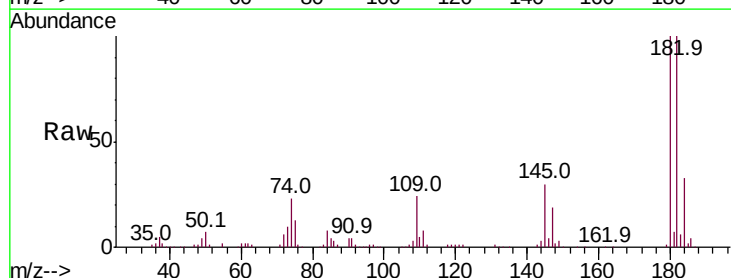
RT: 7.97 min Scan# 957

Delta R.T. 0.01 min

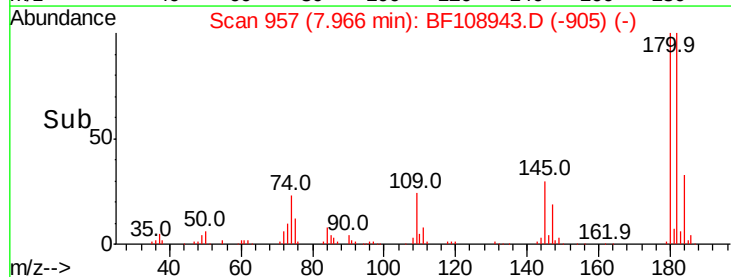
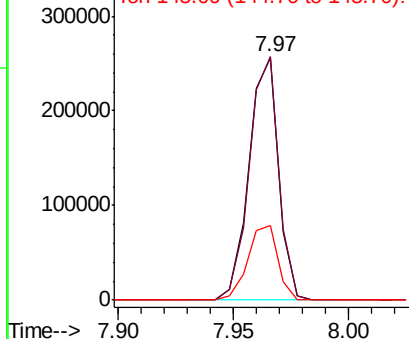
Lab File: BF108943.D

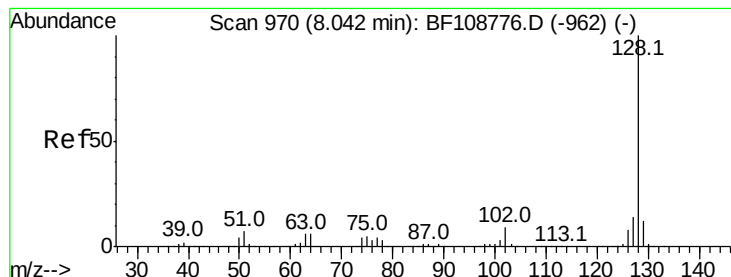
Acq: 11 Sep 2018 18:50

Tgt Ion:	180	Resp:	229435
Ion Ratio	Lower	Upper	
180	100		
182	100.4	76.8	115.2
145	30.6	26.5	39.7



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





#31

Naphthalene

Concen: 26.127 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

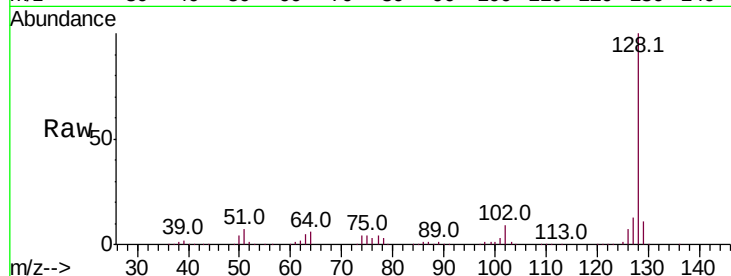
ClientSampleId :

FK-PS-01-040MSD

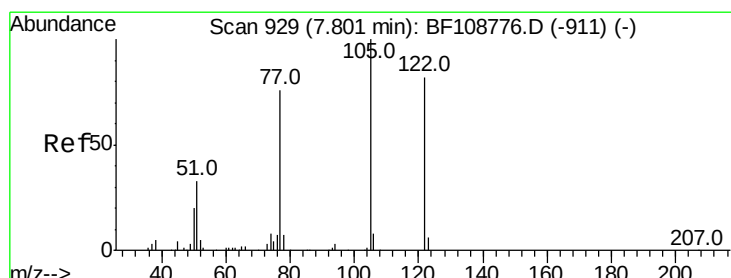
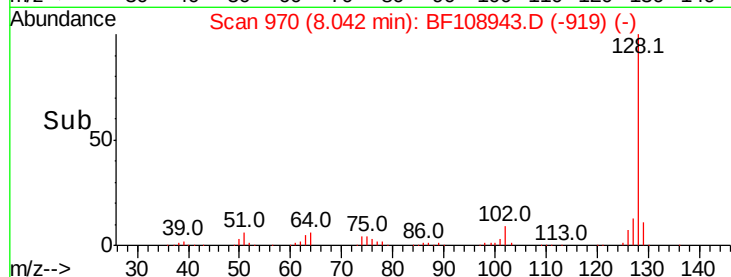
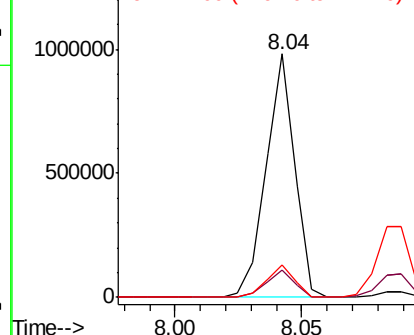
Tot Ion:	128	Resp:	777987
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.2	10.9	16.3

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



#32

Benzoic acid

Concen: 17.965 ng m

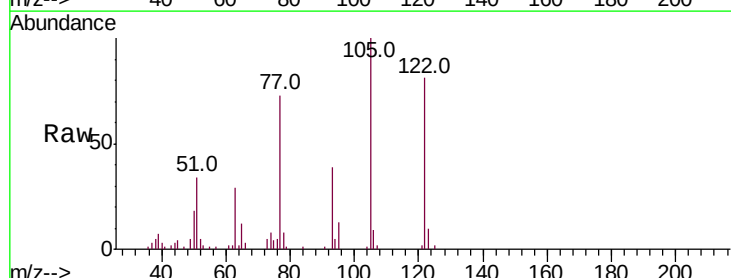
RT: 7.75 min Scan# 921

Delta R.T. -0.05 min

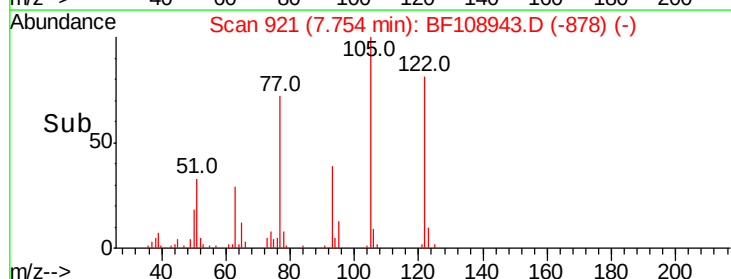
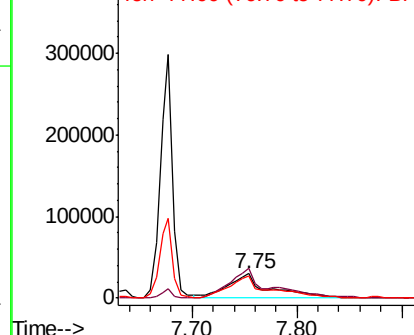
Lab File: BF108943.D

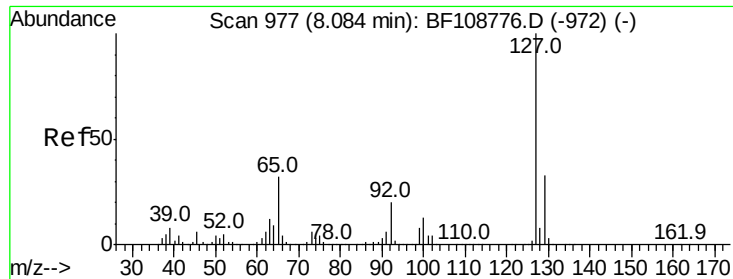
Acq: 11 Sep 2018 18:50

Tgt Ion:	122	Resp:	82838
Ion Ratio	Lower	Upper	
122	100		
105	124.1	101.1	141.1
77	90.7	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





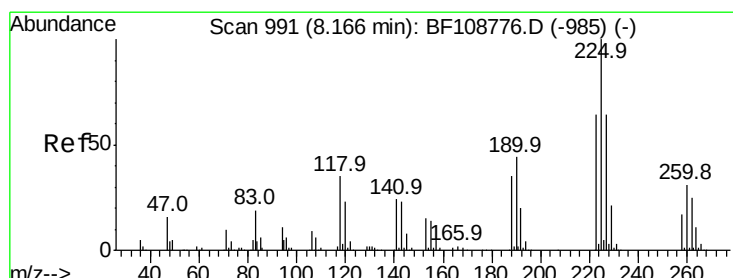
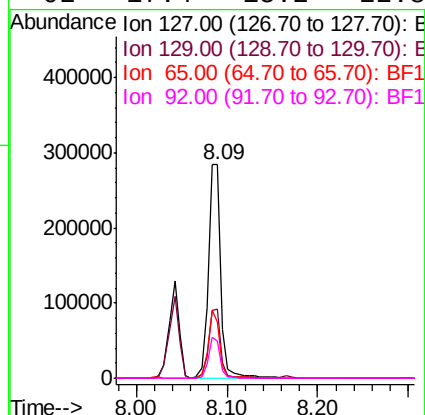
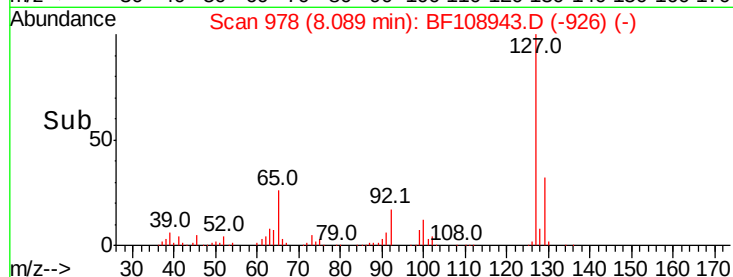
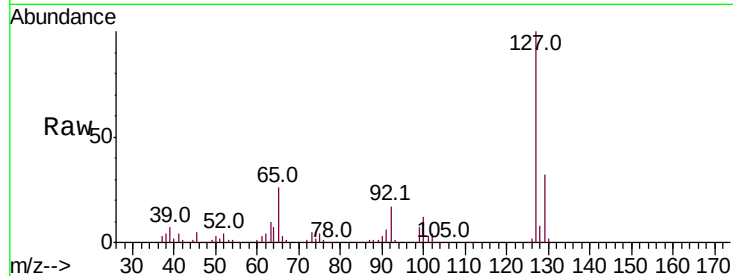
#33
 4-Chloroaniline
 Concen: 20.265 ng
 RT: 8.09 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	26.3	25.0	37.4	
92	17.4	15.2	22.8	

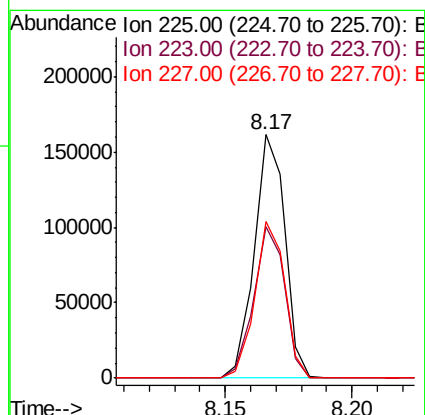
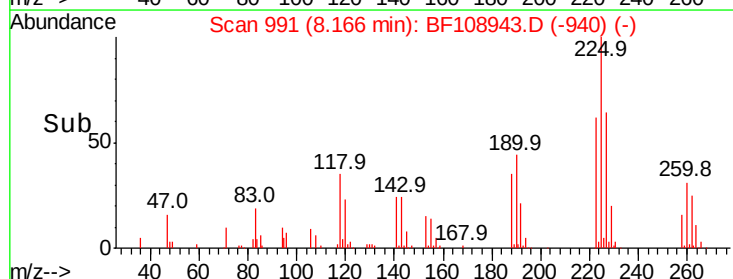
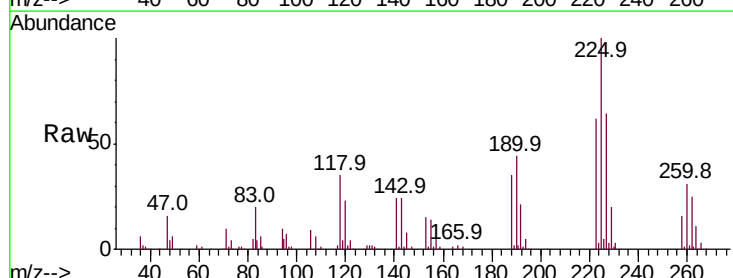
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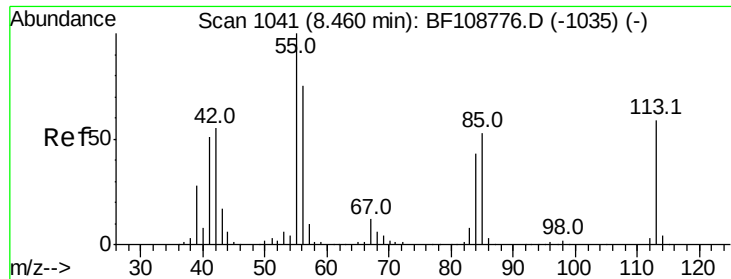
Sohil
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#34
 Hexachlorobutadiene
 Concen: 22.543 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	50.6	76.0	
227	64.2	51.9	77.9	





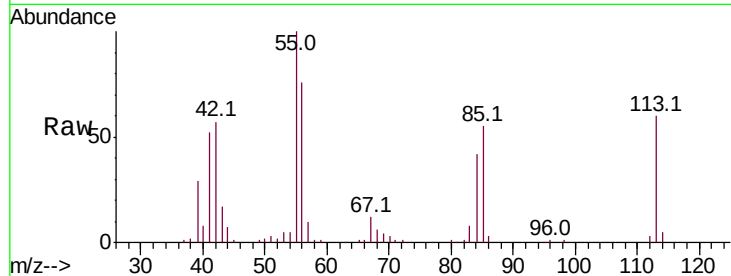
#35
 Caprolactam
 Concen: 20.738 ng
 RT: 8.44 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

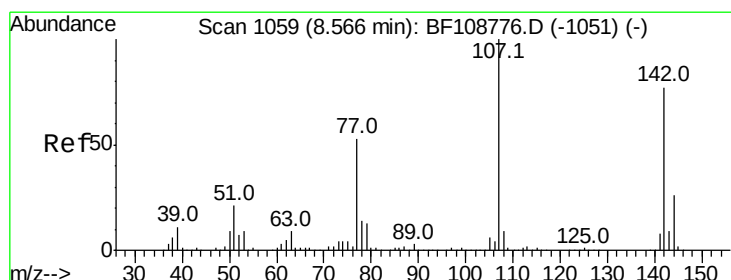
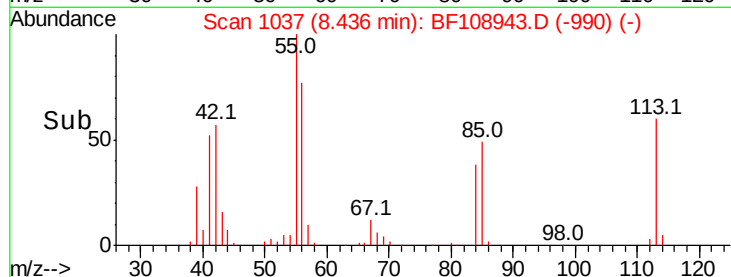
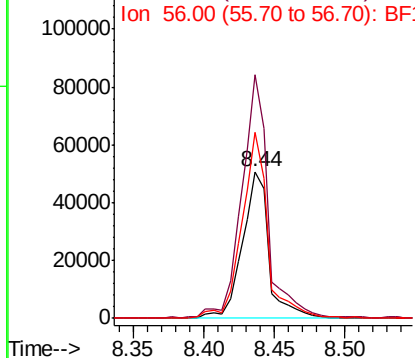
Tot Ion:113 Resp: 65784
 Ion Ratio Lower Upper
 113 100
 55 166.2 163.3 203.3
 56 126.9 115.7 155.7

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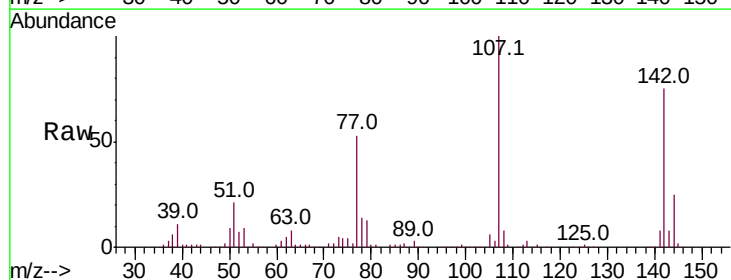


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

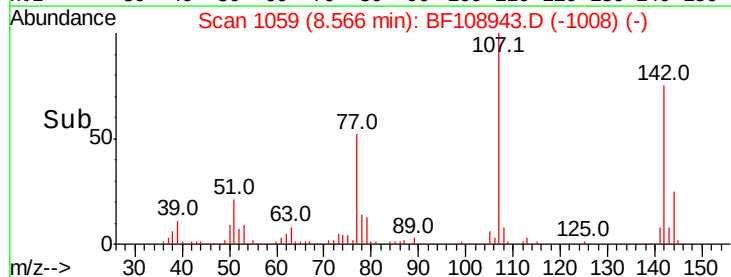
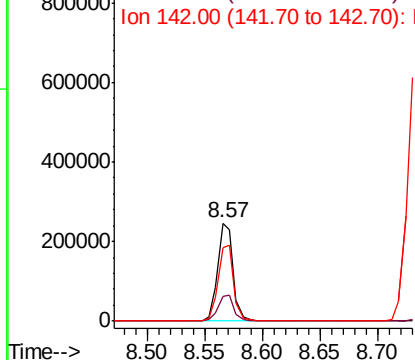


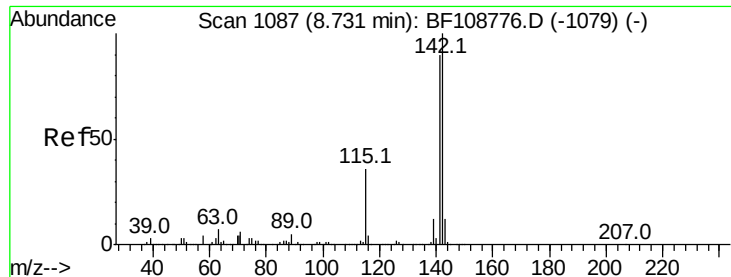
#36
 4-Chloro-3-methylphenol
 Concen: 22.942 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion:107 Resp: 228786
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 75.0 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





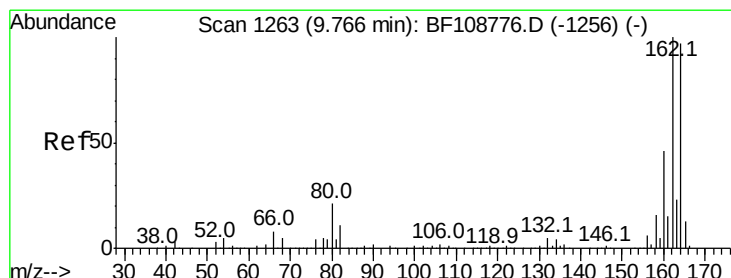
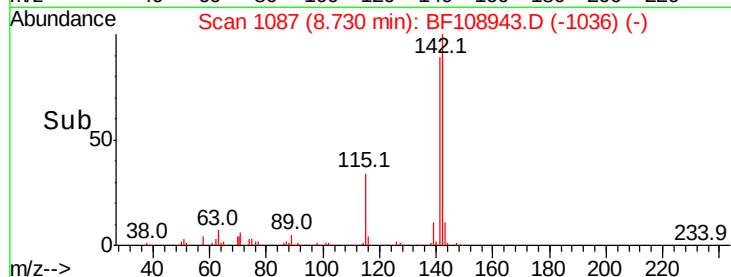
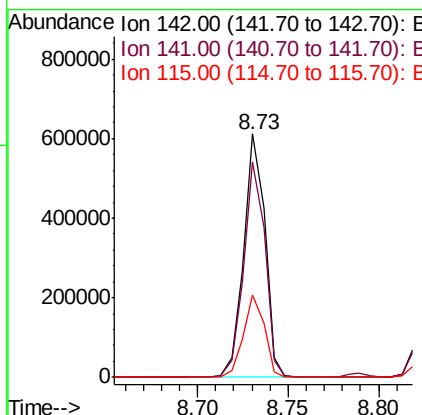
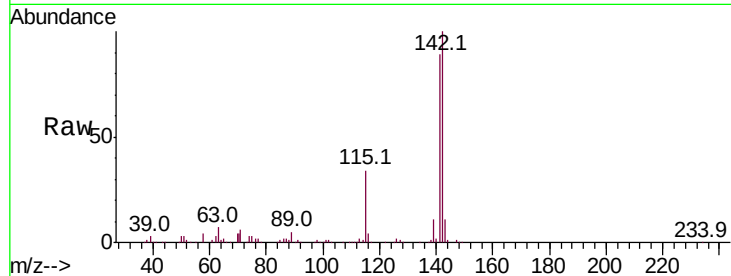
#37
2-Methylnaphthalene
Concen: 25.466 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	34.0	26.1	39.1

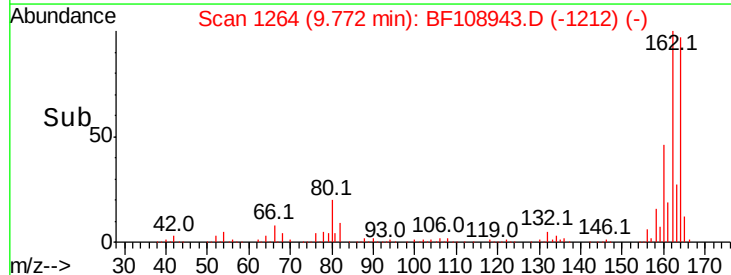
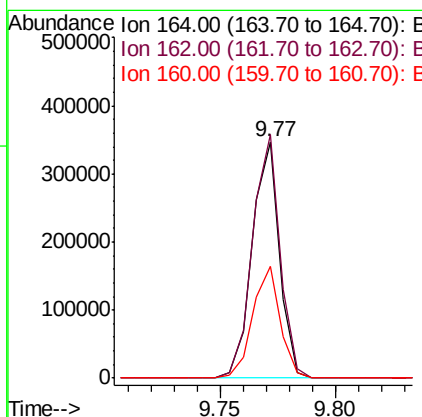
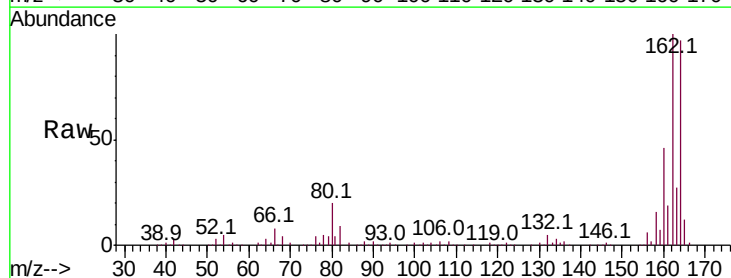
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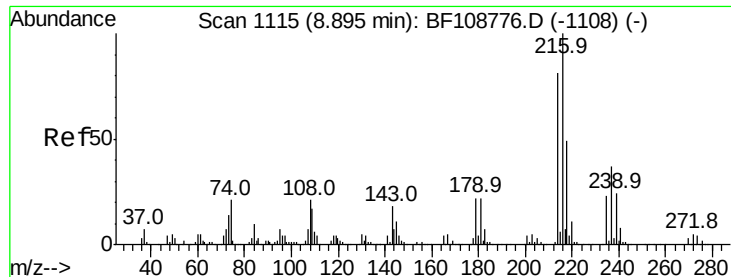
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.3	38.3	57.5





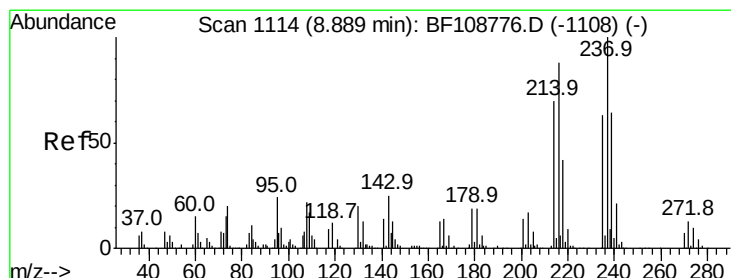
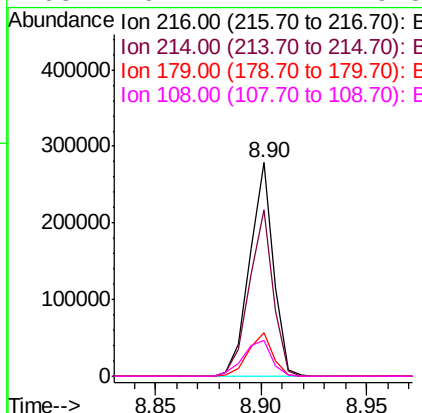
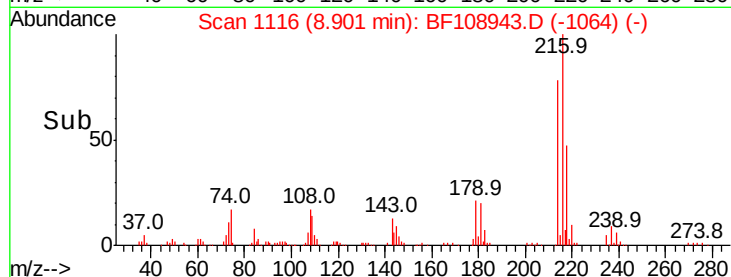
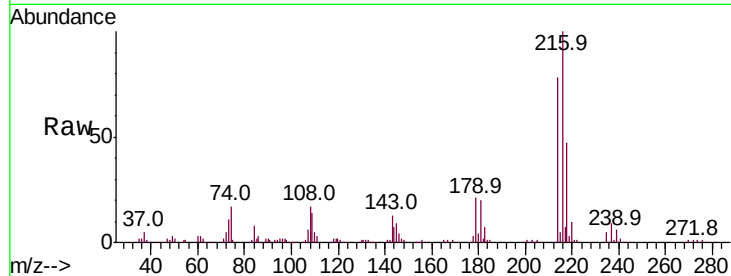
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.552 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.0	63.0	94.4
179	20.9	18.1	27.1
108	20.1	17.2	25.8

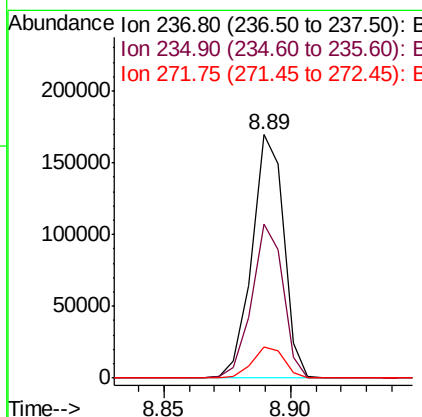
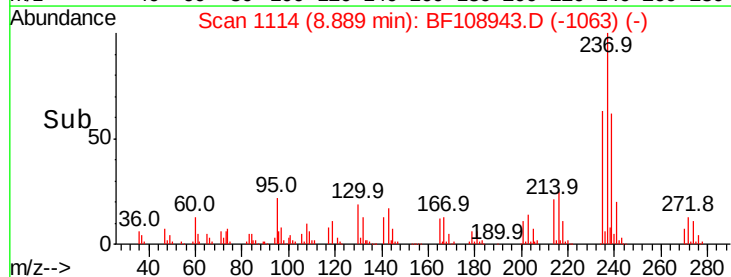
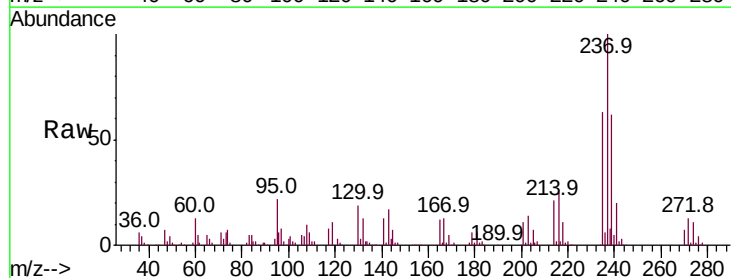
Manual Integrations
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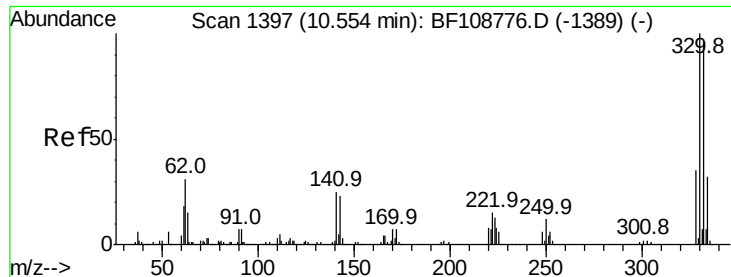
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 34.567 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	44.8	84.8
272	12.5	0.0	33.3





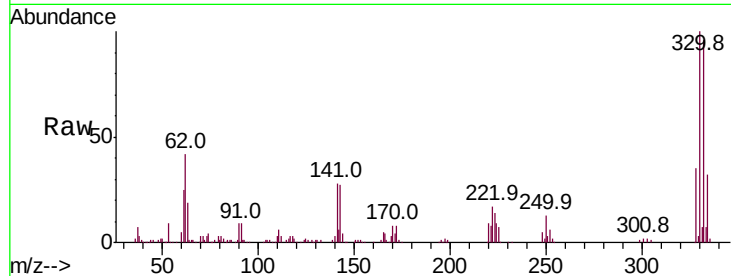
#41
 2,4,6-Tribromophenol
 Concen: 61.270 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	167470		
332	93.9	77.0	115.6	
141	32.0	29.9	44.9	

Manual Integrations
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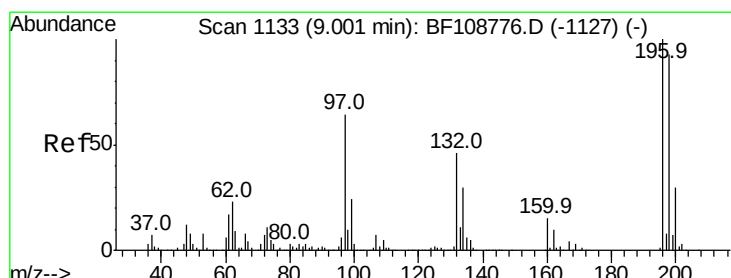
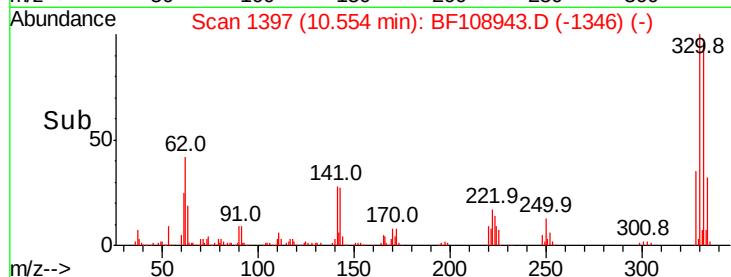
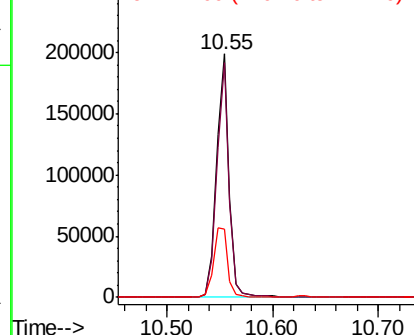


Abundance

Ion 329.80 (329.50 to 330.50): E

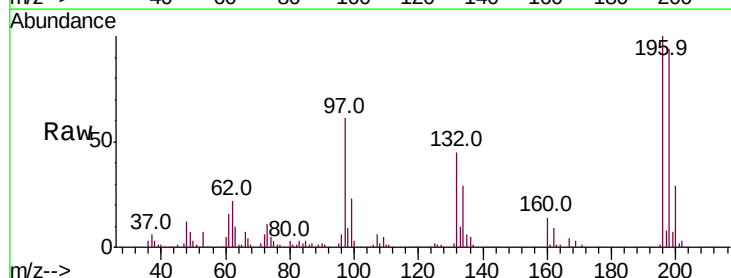
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 25.575 ng
 RT: 9.01 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149092		
198	94.1	75.7	113.5	
200	29.4	24.5	36.7	

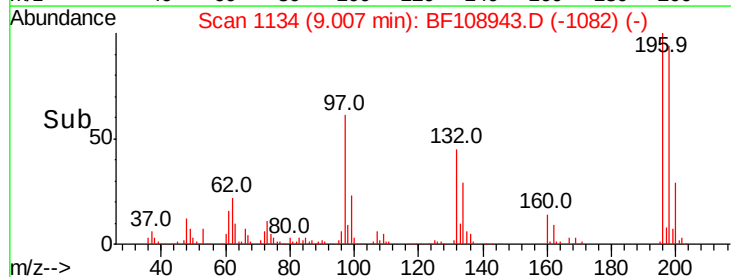
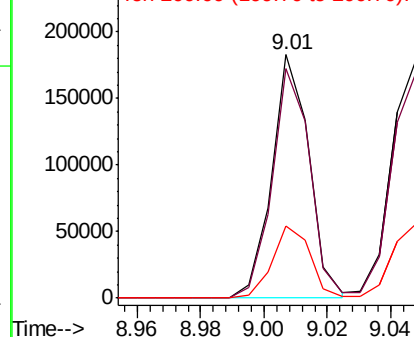


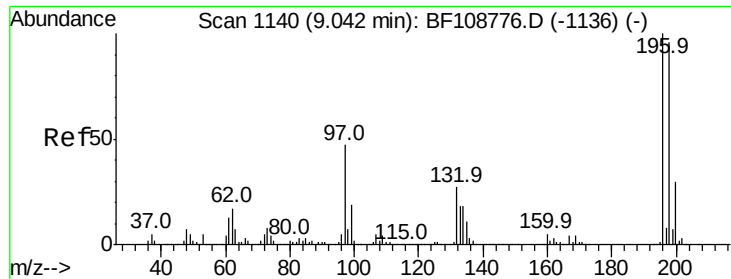
Abundance

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





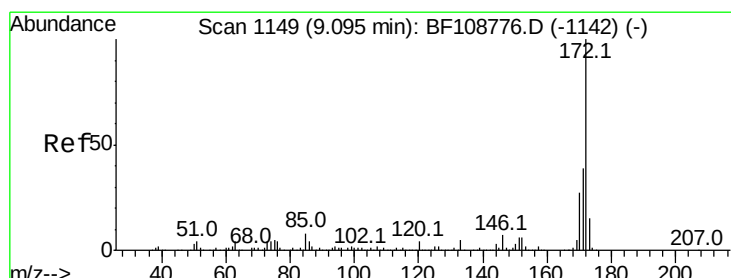
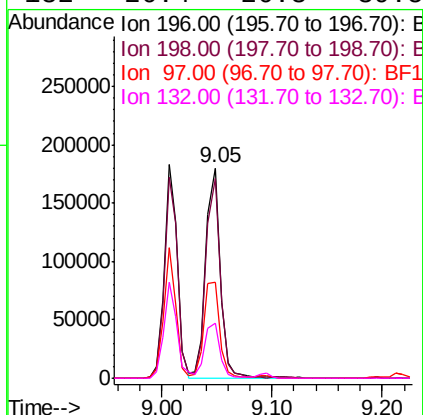
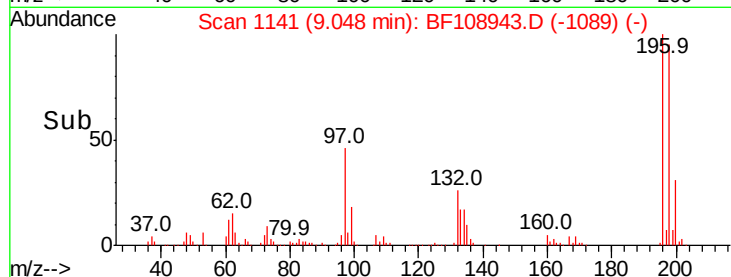
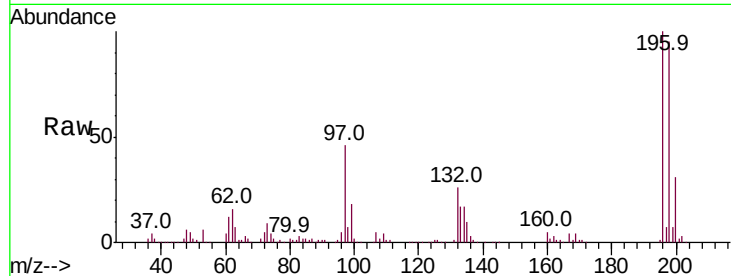
#43
 2,4,5-Trichlorophenol
 Concen: 26.530 ng
 RT: 9.05 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion:	196	Resp:	160316
Ion Ratio	Lower	Upper	
196	100		
198	94.7	74.6	112.0
97	45.8	42.9	64.3
132	26.4	26.3	39.5

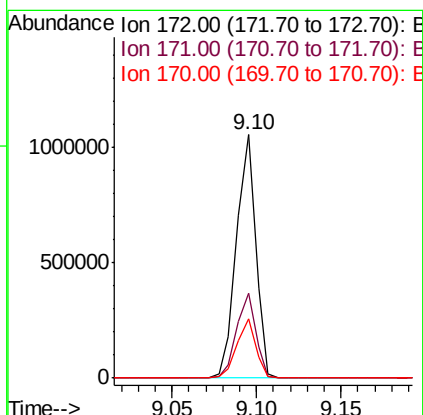
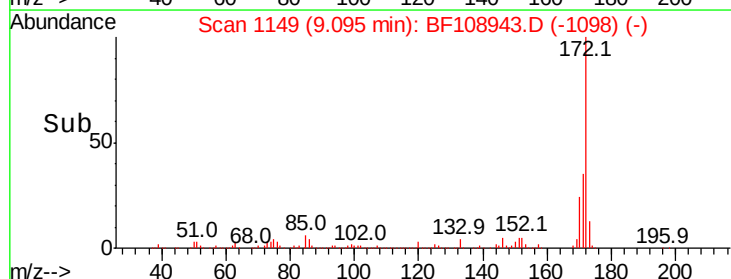
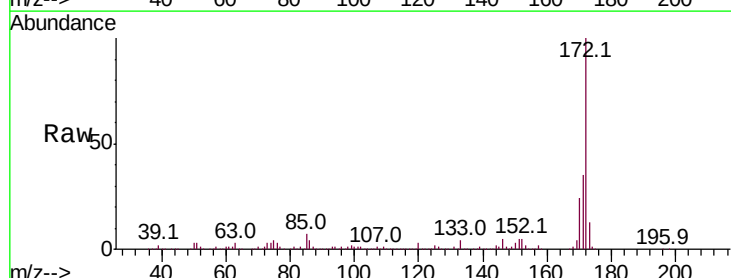
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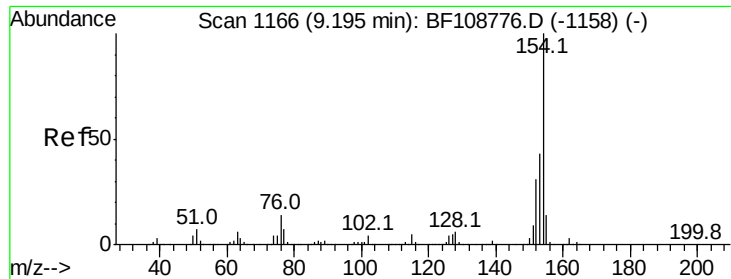
Sohil
 9/12/2018 9:12:01 AM



#44
 2-Fluorobiphenyl
 Concen: 49.821 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion:	172	Resp:	836150
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.7	44.5
170	24.3	19.6	29.4





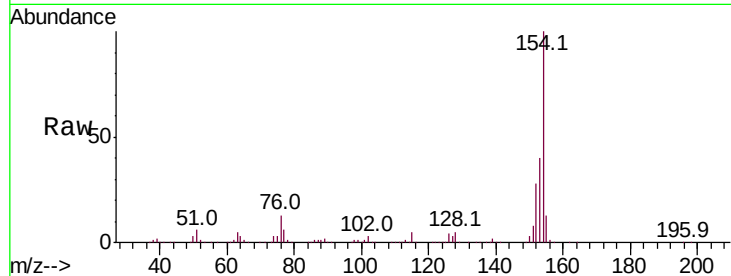
#45
 1,1'-Biphenyl
 Concen: 26.400 ng
 RT: 9.20 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.3	61.3	
76	12.9	0.0	34.0	

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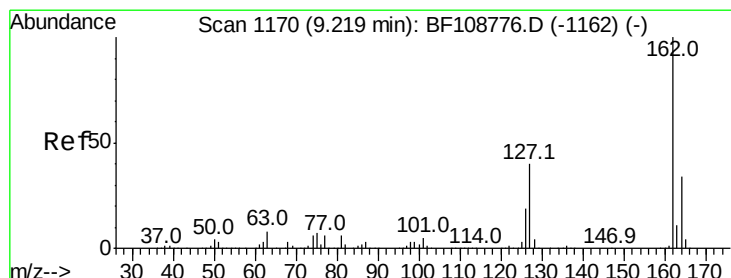
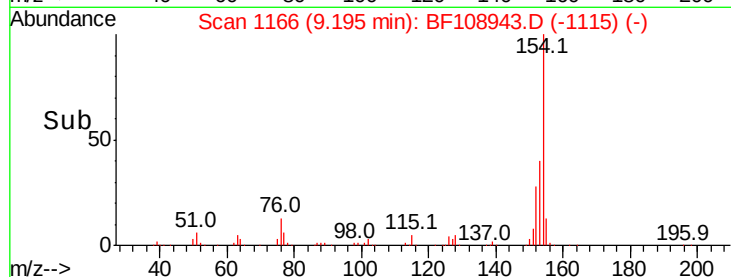
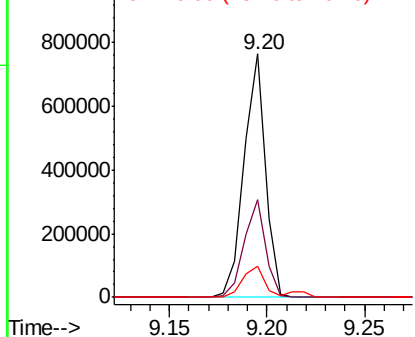


Abundance

Ion 154.00 (153.70 to 154.70): E

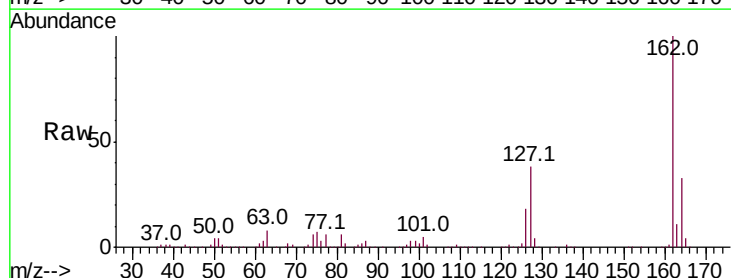
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 25.209 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	33.9	50.9	
164	33.0	26.5	39.7	

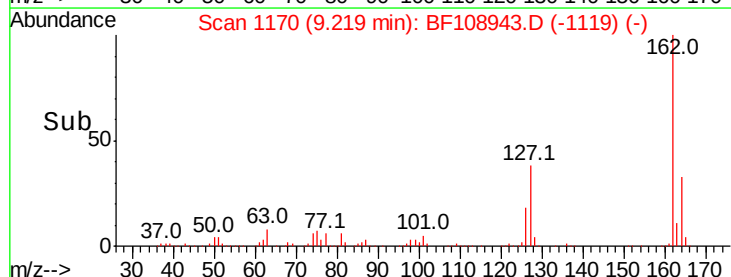
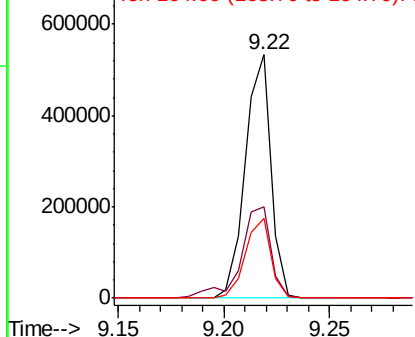


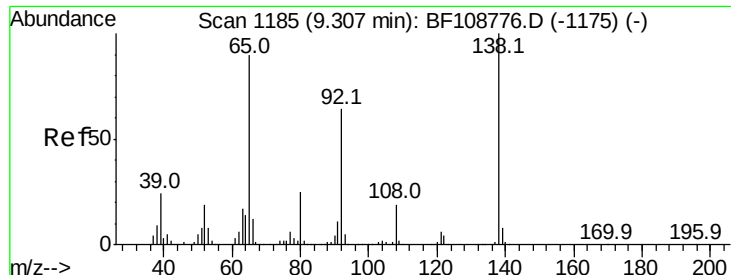
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 28.740 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

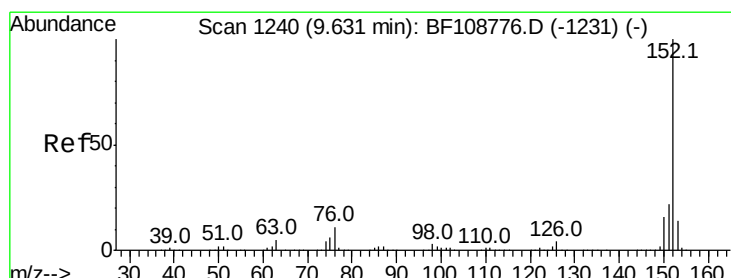
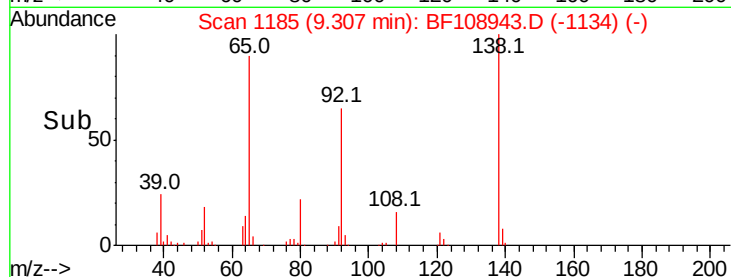
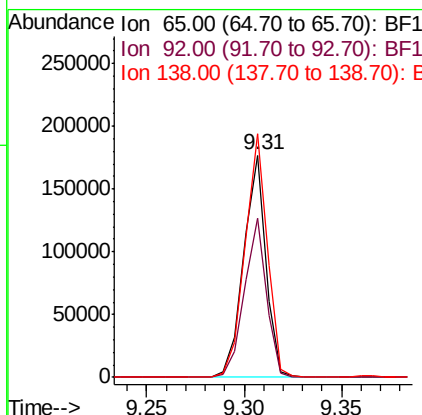
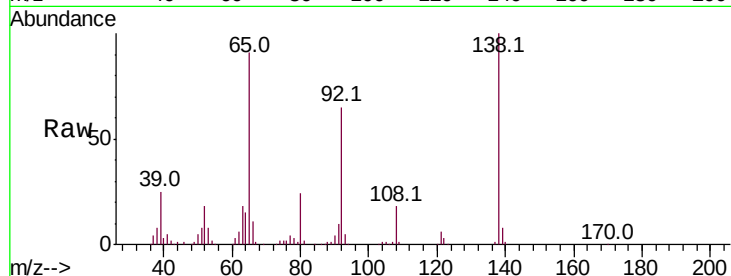
ClientSampleId :

FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	55.8	83.6
138	109.5	91.2	136.8

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#48

Acenaphthylene

Concen: 26.684 ng

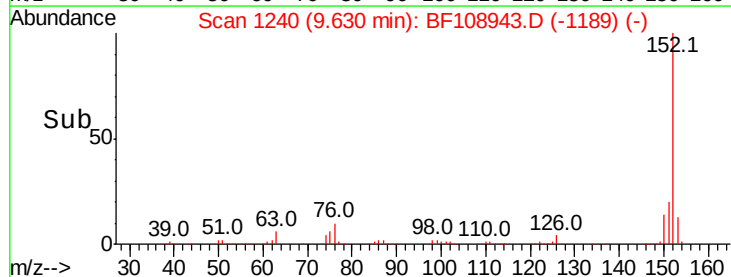
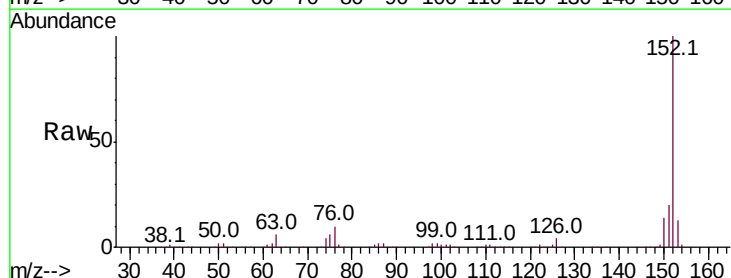
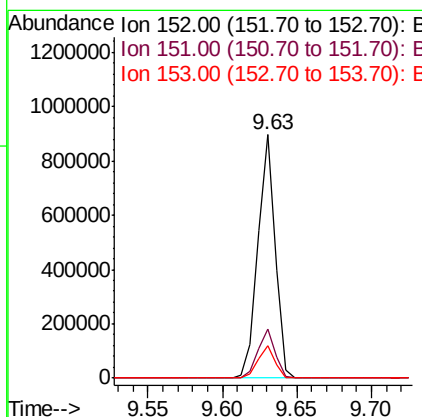
RT: 9.63 min Scan# 1240

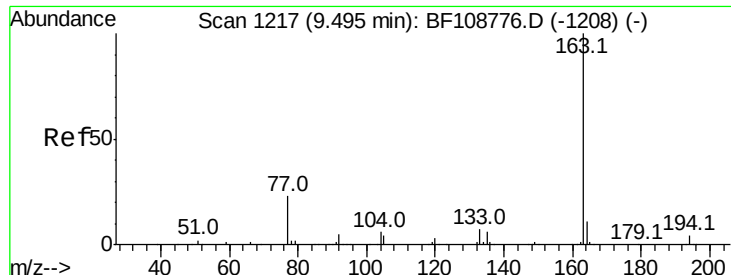
Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1





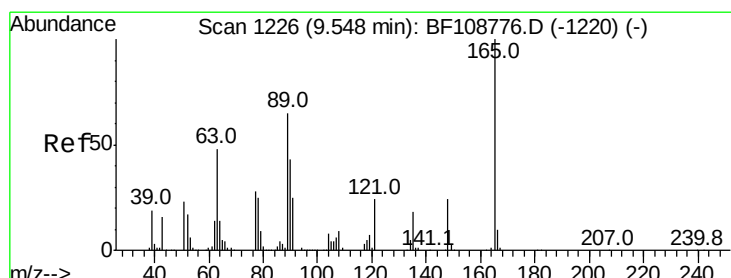
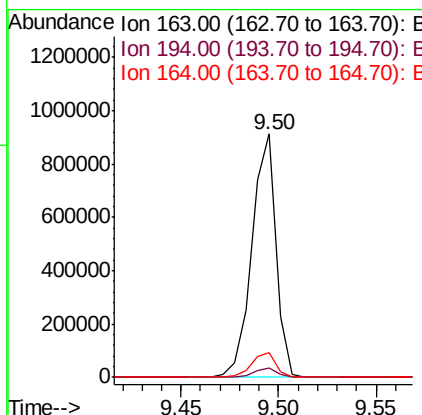
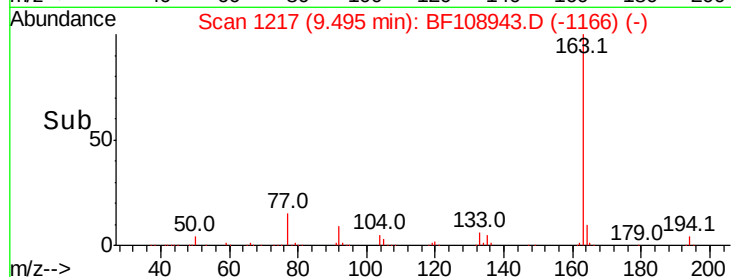
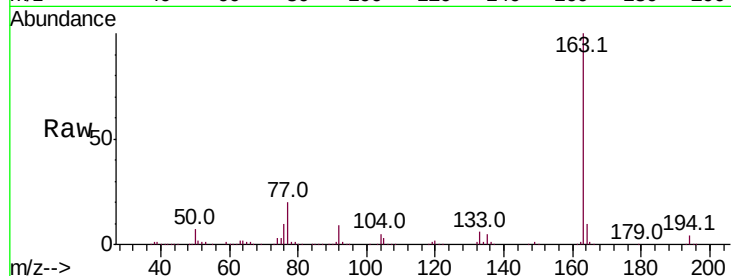
#49
Dimethylphthalate
Concen: 38.986 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	9.9	8.2	12.2	

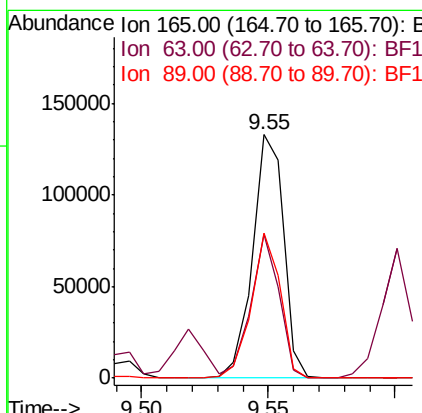
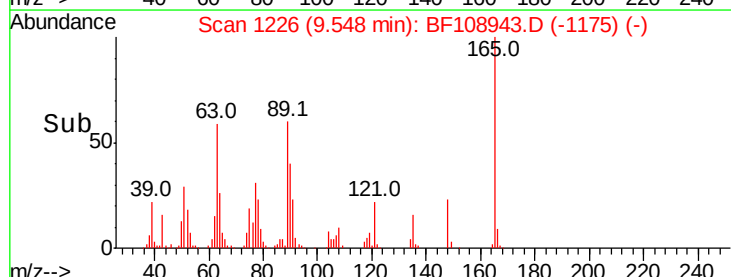
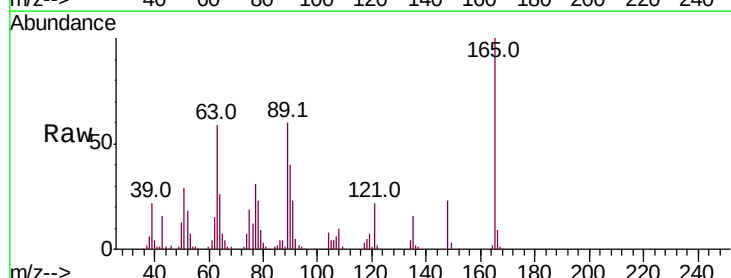
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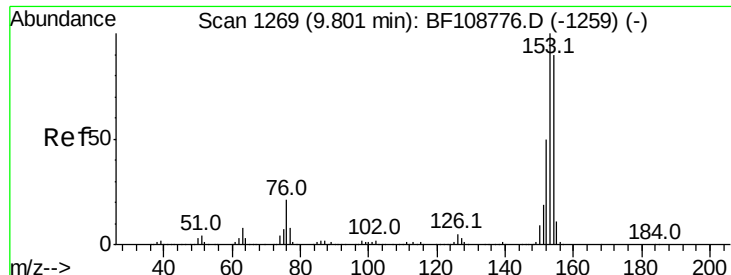
Sohil
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#50
2,6-Dinitrotoluene
Concen: 29.859 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.3	44.7	67.1	
89	59.8	44.0	66.0	





#51

Acenaphthene

Concen: 25.585 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

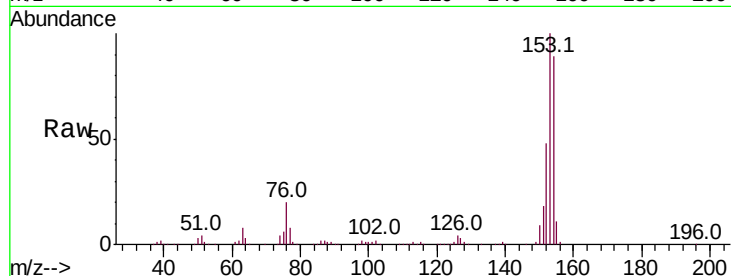
ClientSampleId :

FK-PS-01-040MSD

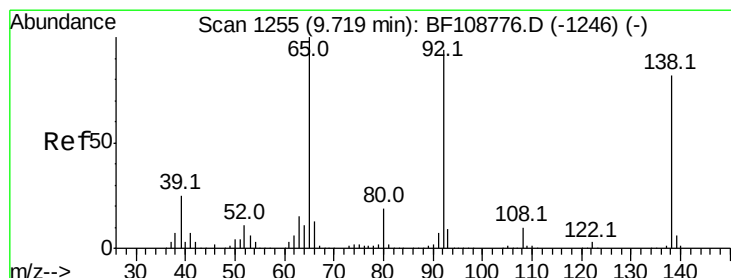
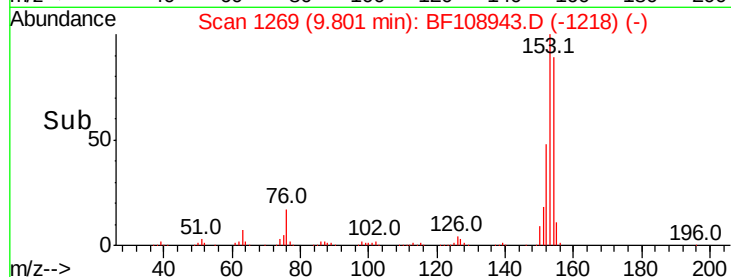
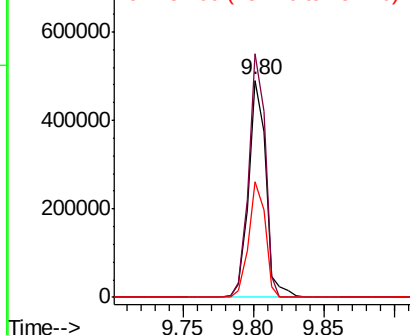
Tot Ion:	154	Resp:	420713
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.2	136.8
152	53.5	43.8	65.8

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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: 24.732 ng

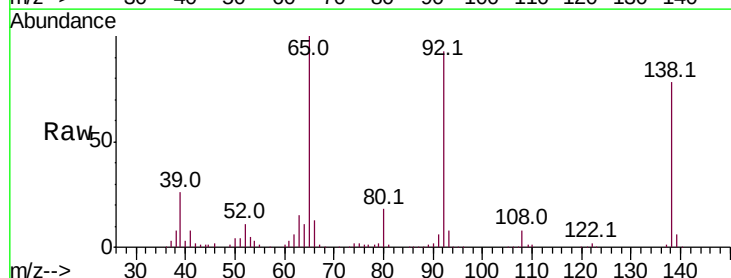
RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

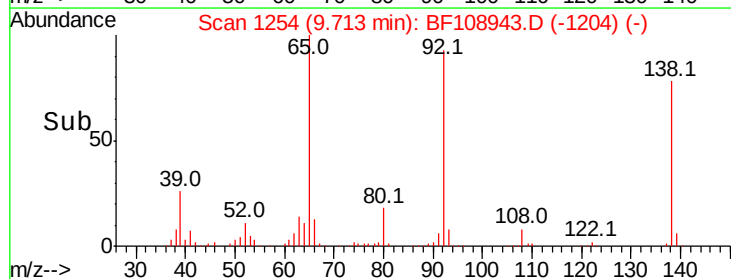
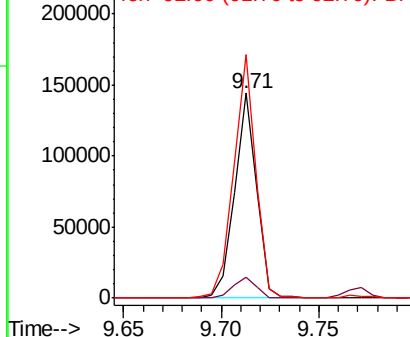
Lab File: BF108943.D

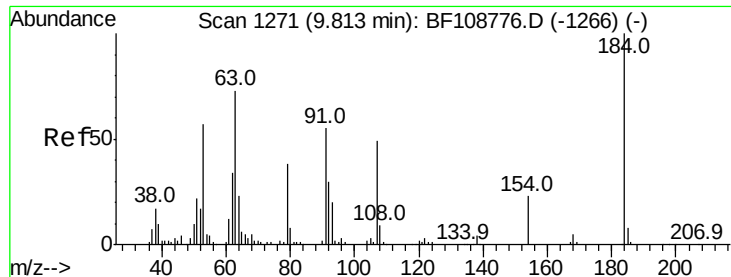
Acq: 11 Sep 2018 18:50

Tgt Ion:	138	Resp:	112343
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	118.7	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





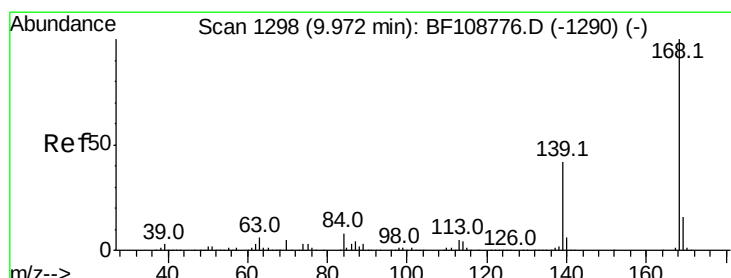
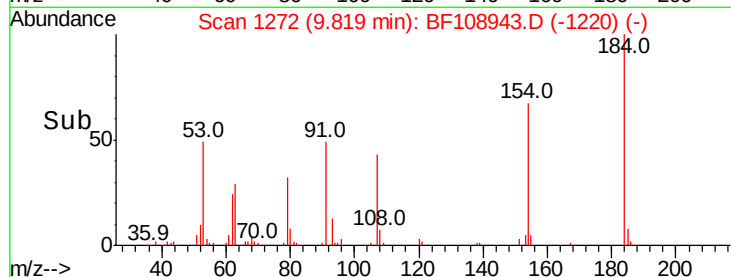
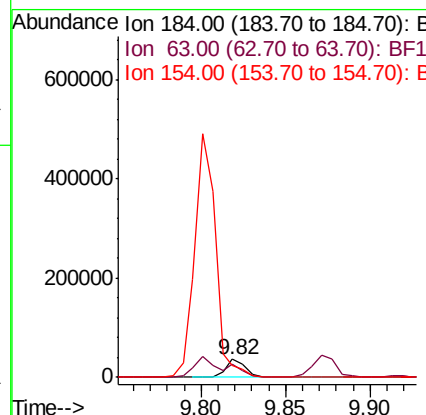
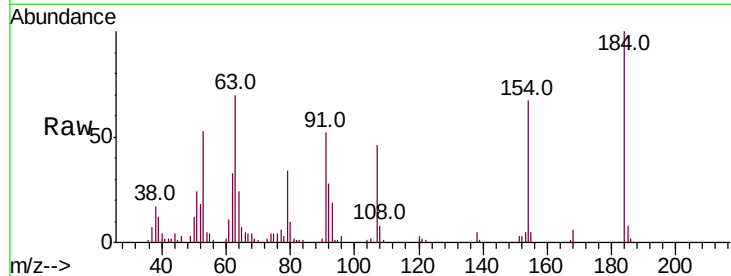
#53
2,4-Dinitrophenol
Concen: 28.412 ng
RT: 9.82 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	30315		
63	69.9	54.2	81.2	
154	66.8	184.0	276.0	

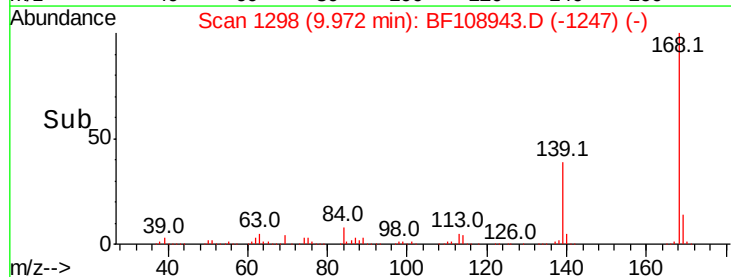
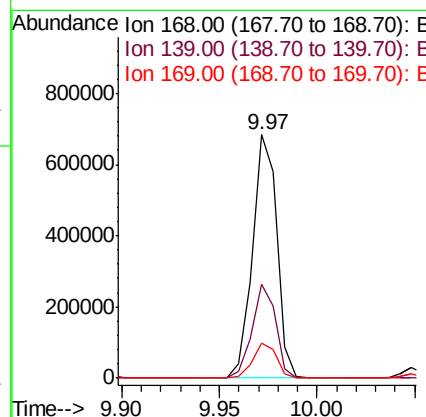
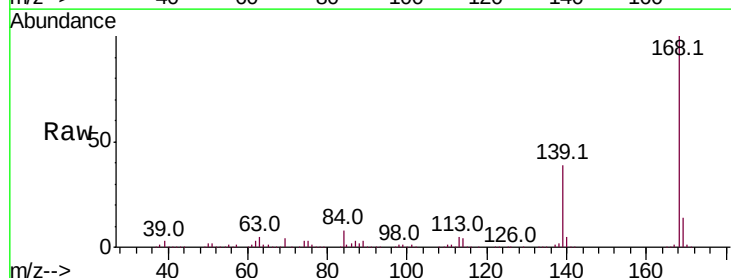
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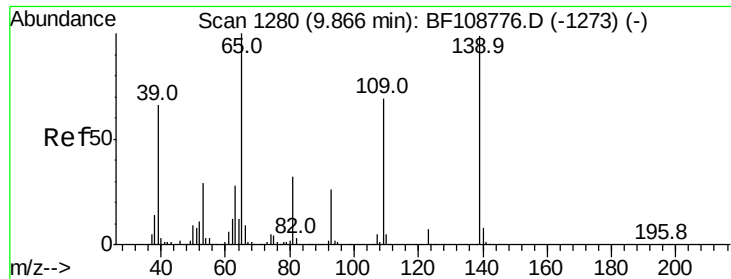
Sohil
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#54
Dibenzofuran
Concen: 24.580 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	589169		
139	38.6	30.1	45.1	
169	14.5	10.9	16.3	





#55

4-Nitrophenol

Concen: 46.387 ng

RT: 9.88 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-040MSD

Tot Ion:139 Resp: 157522

Ion Ratio Lower Upper

139 100

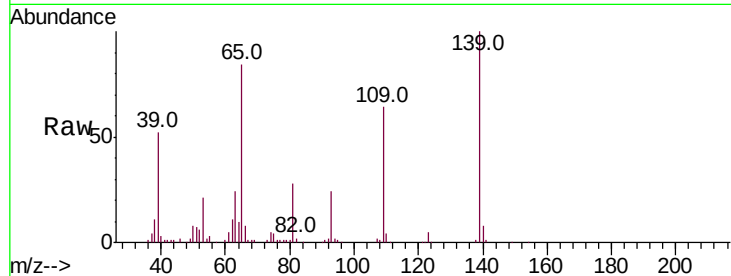
109 63.9 48.4 88.4

65 84.1 72.6 112.6

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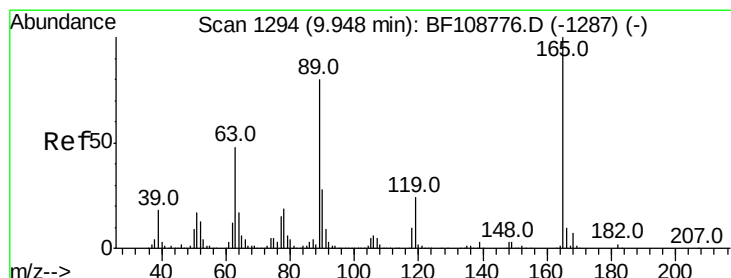
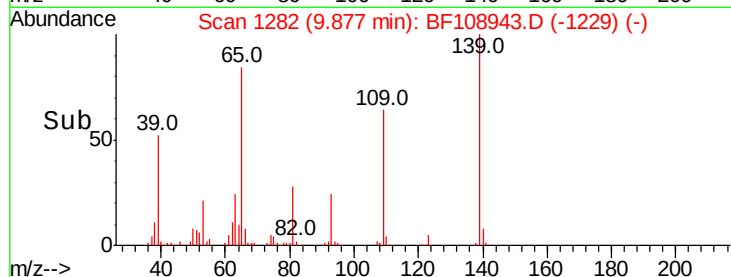
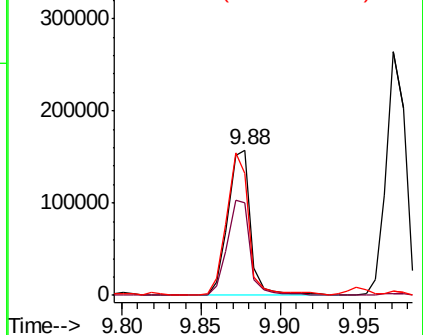
9/12/2018 9:12:01 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 28.312 ng

RT: 9.95 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:165 Resp: 138164

Ion Ratio Lower Upper

165 100

63 46.7 36.4 54.6

89 79.6 57.8 86.6

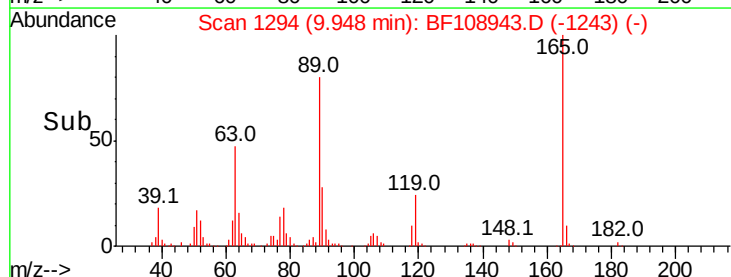
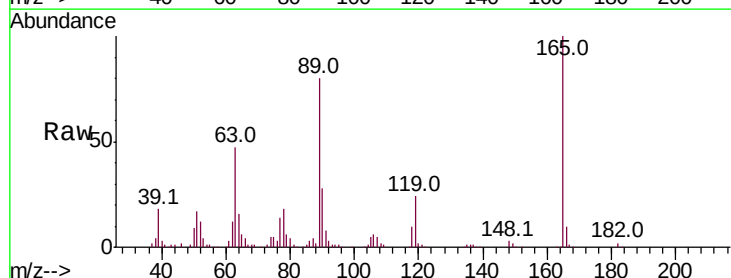
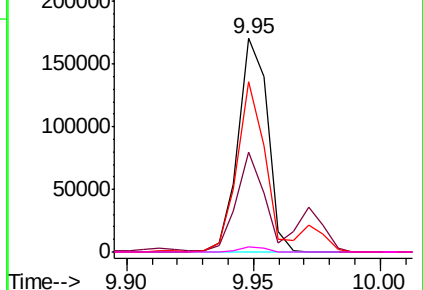
182 2.4 1.6 2.4#

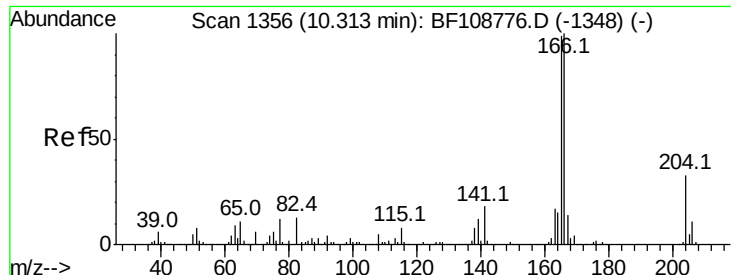
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 27.789 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-040MSD

Tot Ion:166 Resp: 427452

Ion Ratio Lower Upper

166 100

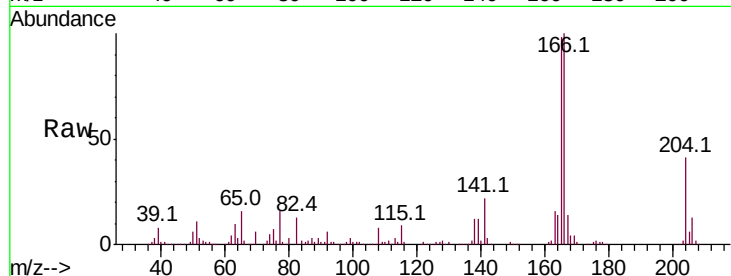
165 98.1 79.8 119.8

167 13.9 10.6 16.0

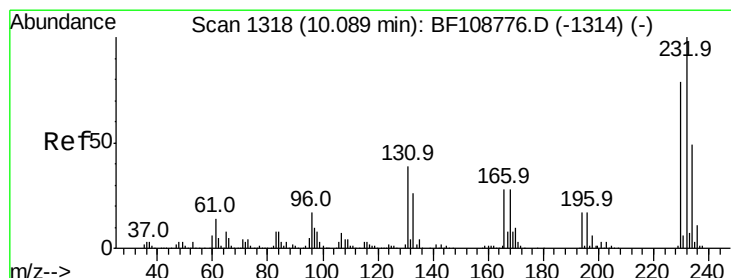
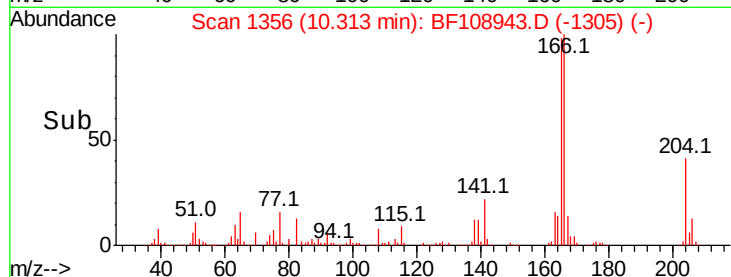
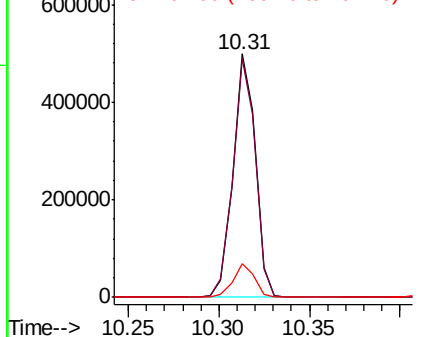
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 24.233 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:232 Resp: 118089

Ion Ratio Lower Upper

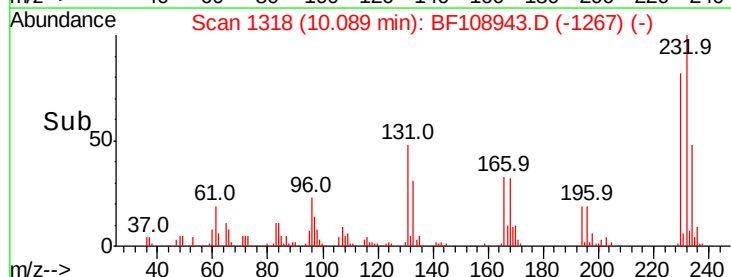
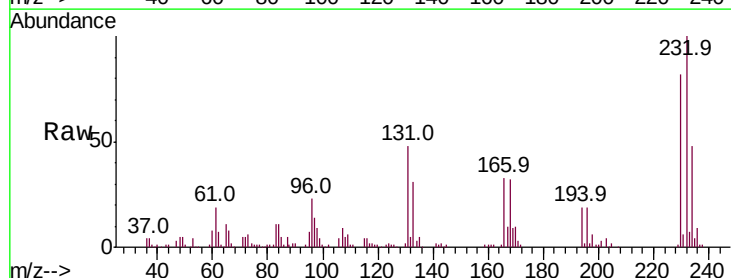
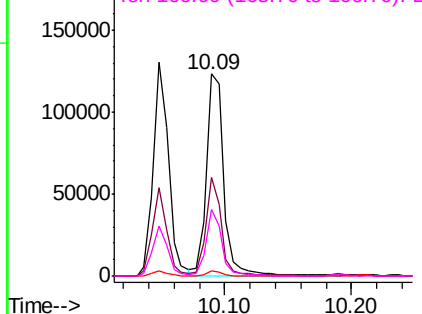
232 100

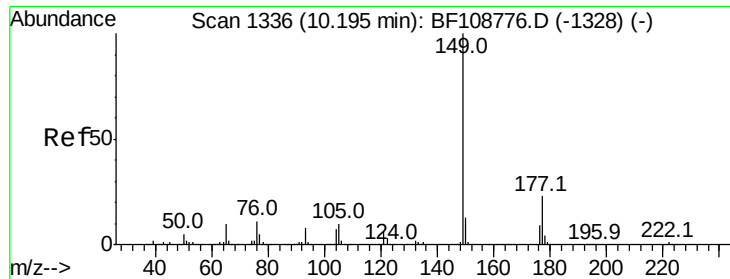
131 44.4 43.8 65.8

130 2.0 2.1 3.1#

166 29.7 27.8 41.6

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





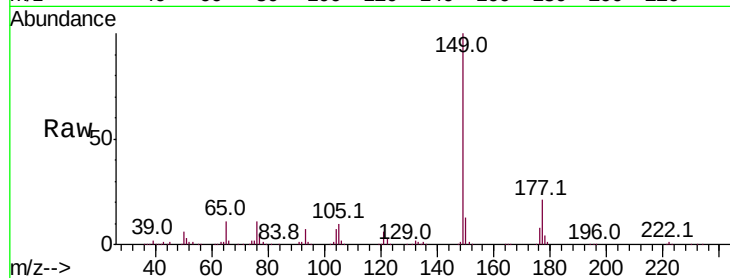
#59
Diethylphthalate
Concen: 23.931 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

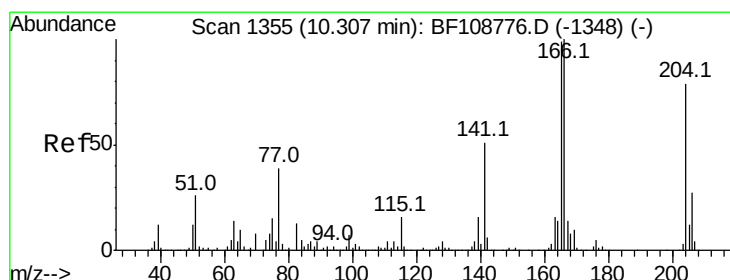
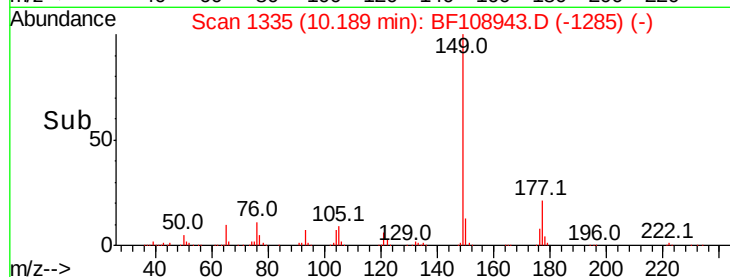
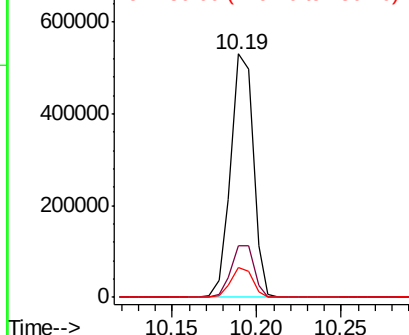
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.5	10.1	15.1

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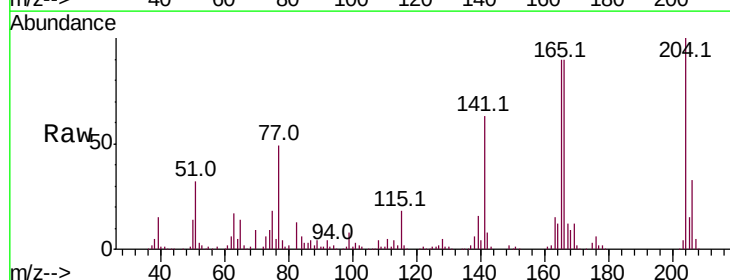


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

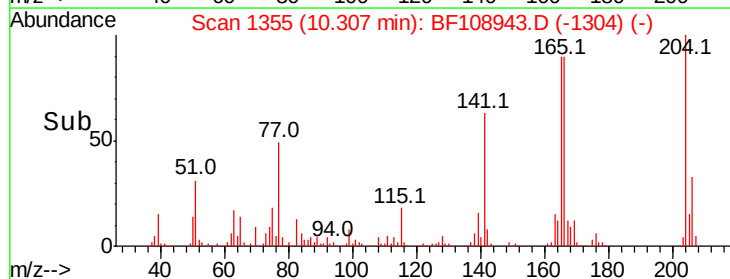
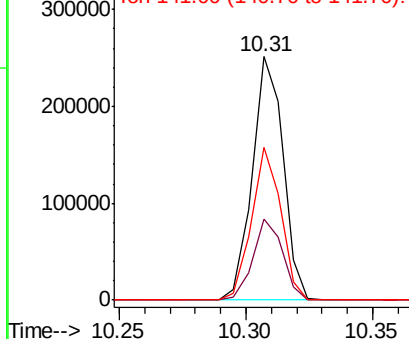


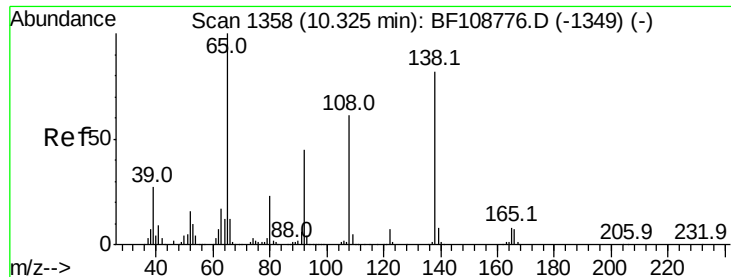
#60
4-Chlorophenyl-phenylether
Concen: 25.962 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	63.0	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





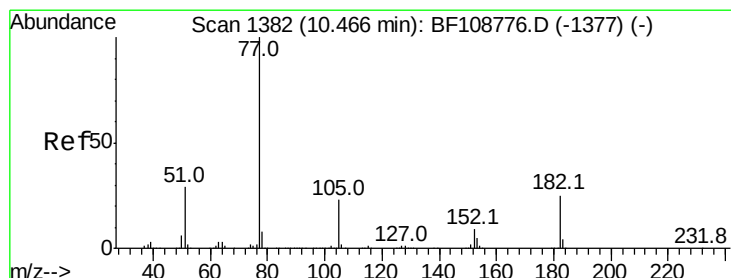
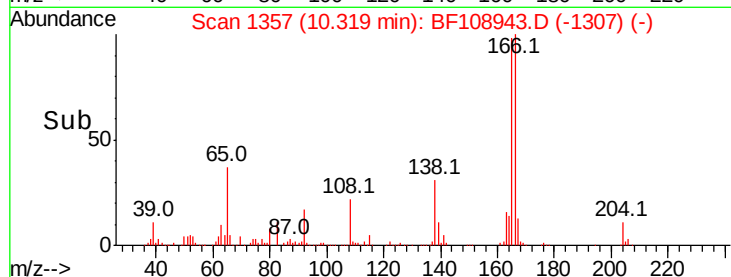
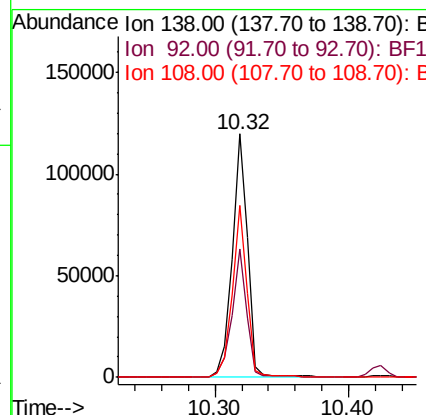
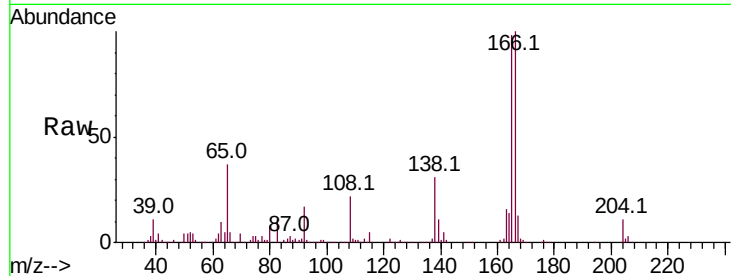
#61
4-Nitroaniline
Concen: 23.794 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.8	30.2	70.2
108	70.4	52.5	92.5

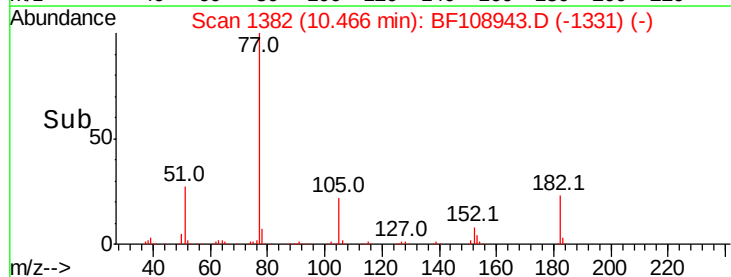
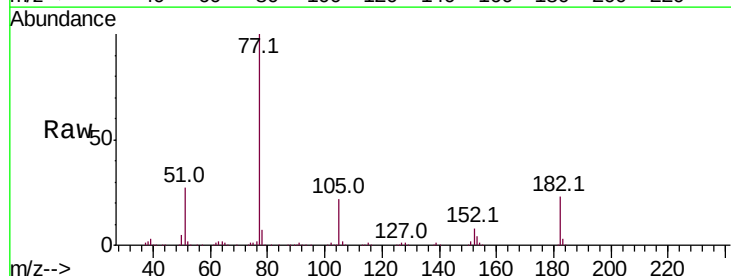
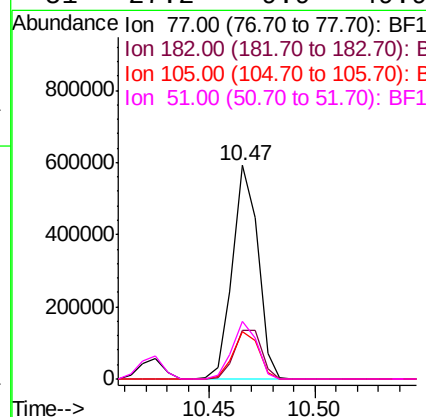
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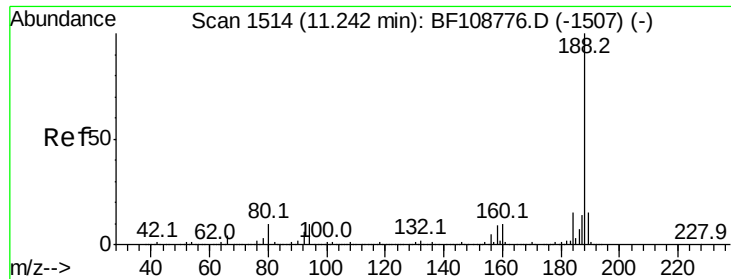
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#62
Azobenzene
Concen: 23.046 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	1.7	41.7
105	22.2	3.0	43.0
51	27.2	9.9	49.9





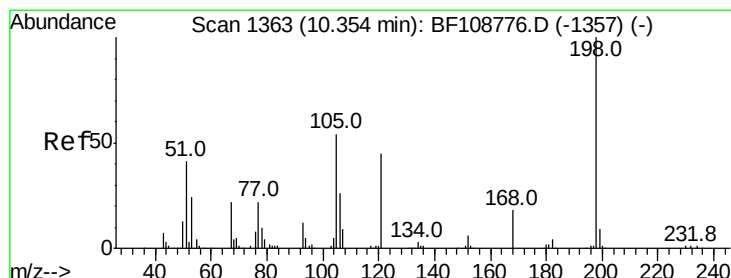
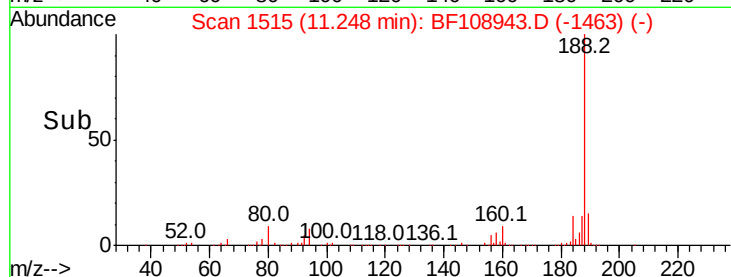
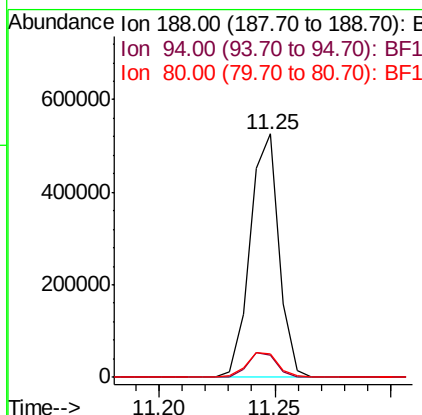
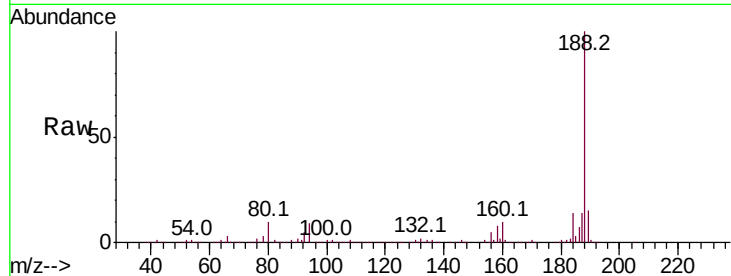
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	460143		
94	9.3		8.5	12.7
80	9.6		9.2	13.8

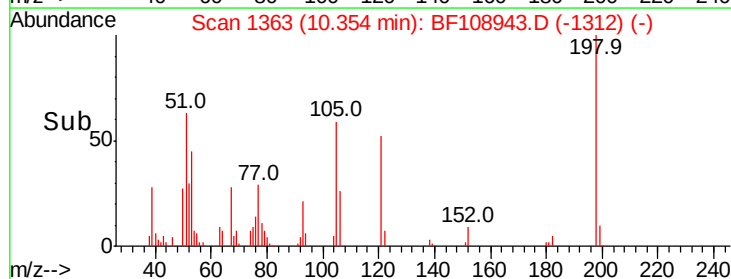
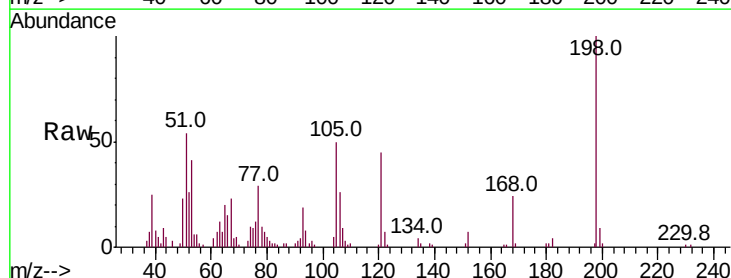
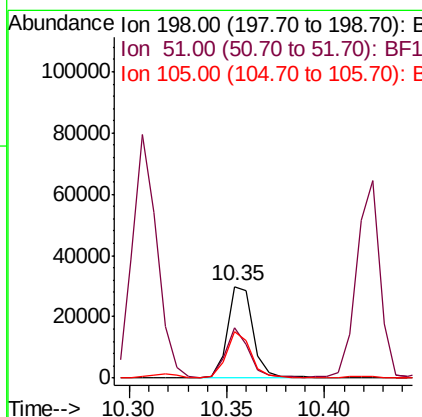
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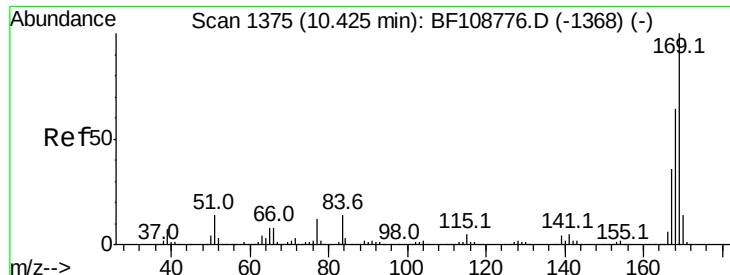
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.703 ng
RT: 10.35 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	27102		
51	54.2		37.7	77.7
105	50.4		36.3	76.3





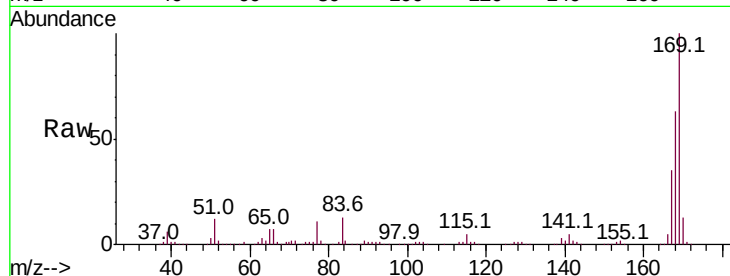
#65
n-Nitrosodiphenylamine
Concen: 27.071 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

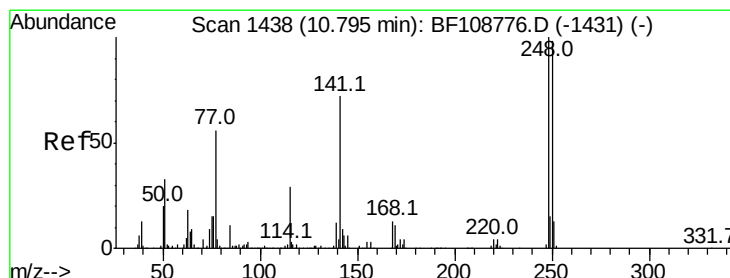
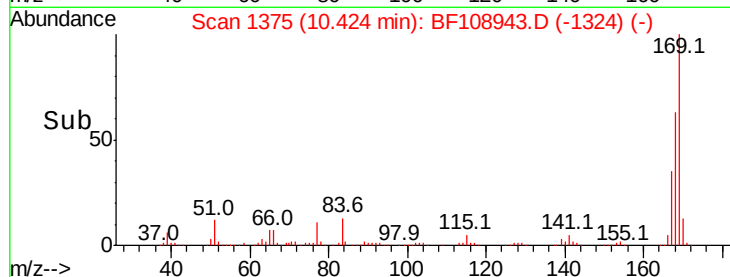
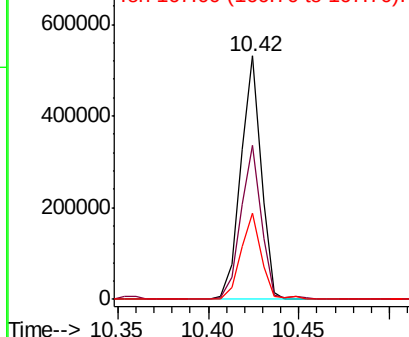
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.5	54.4	81.6	
167	35.3	29.8	44.6	

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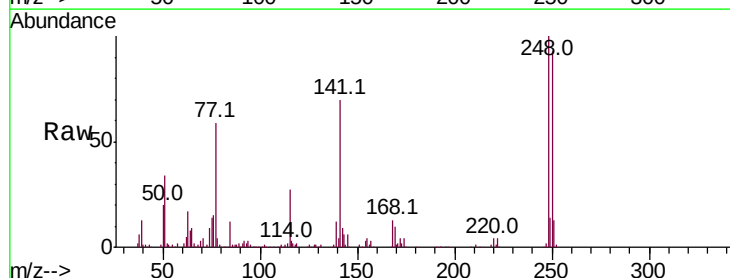


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

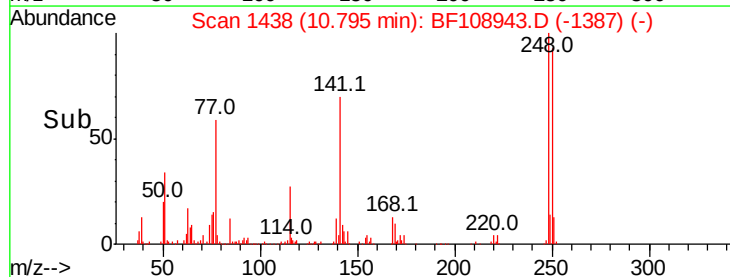
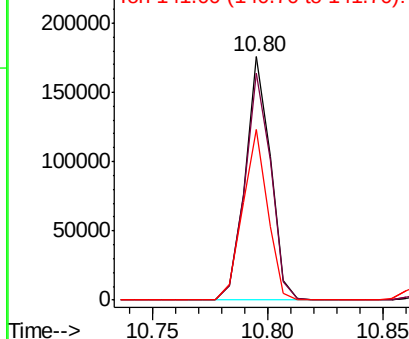


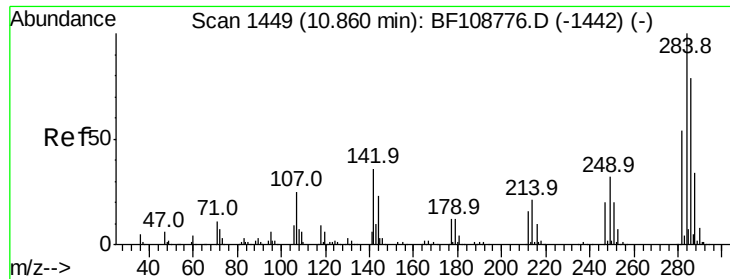
#66
4-Bromophenyl-phenylether
Concen: 25.948 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	93.4	76.9	115.3	
141	70.1	74.4	111.6#	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 23.718 ng

RT: 10.87 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

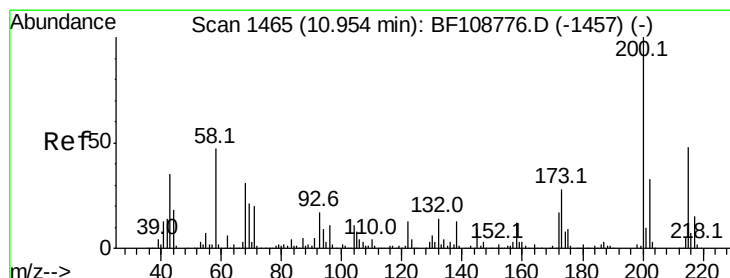
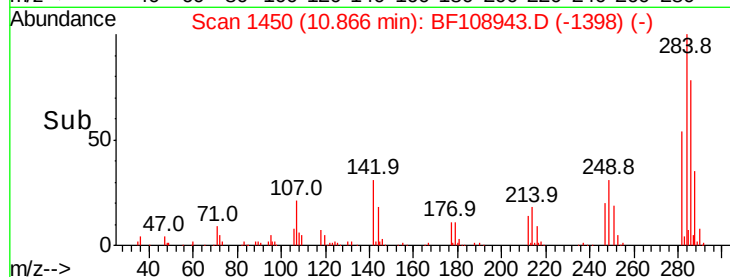
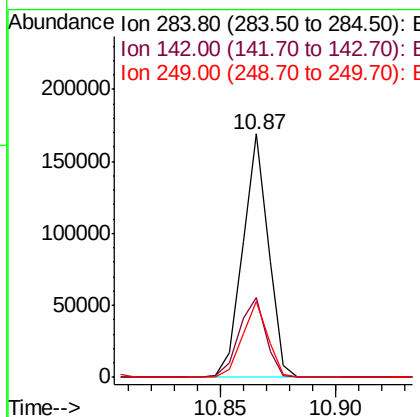
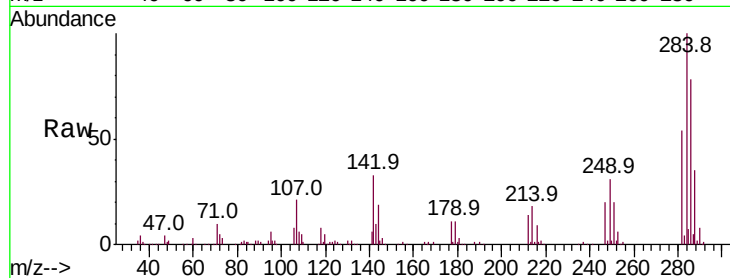
FK-PS-01-040MSD

Tot Ion:	284	Resp:	131584
Ion Ratio	Lower	Upper	
284	100		
142	33.0	34.6	52.0#
249	31.2	24.8	37.2

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#68

Atrazine

Concen: 26.385 ng

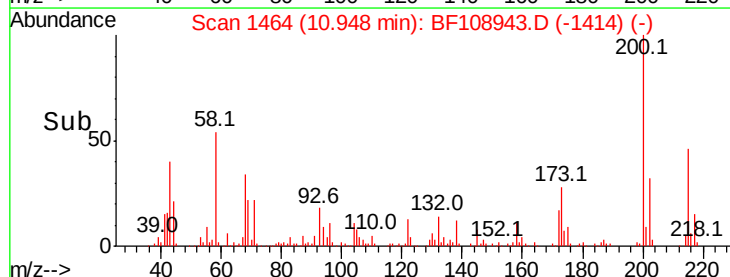
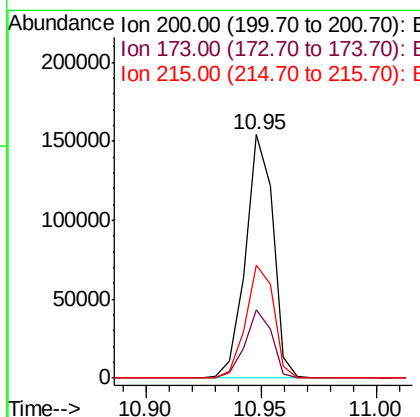
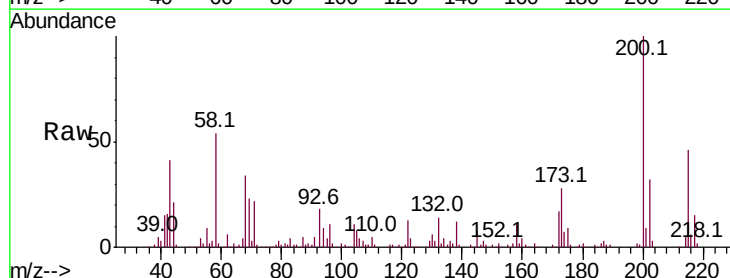
RT: 10.95 min Scan# 1464

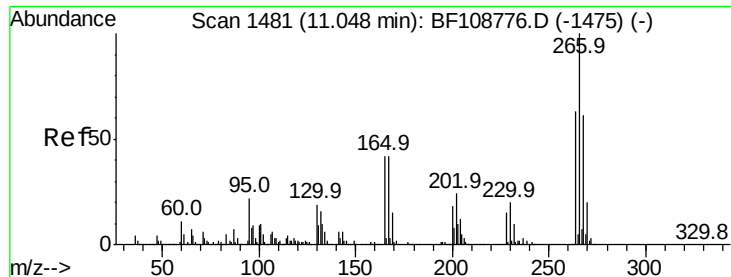
Delta R.T. -0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:	200	Resp:	129221
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.6	48.6
215	46.3	25.1	65.1





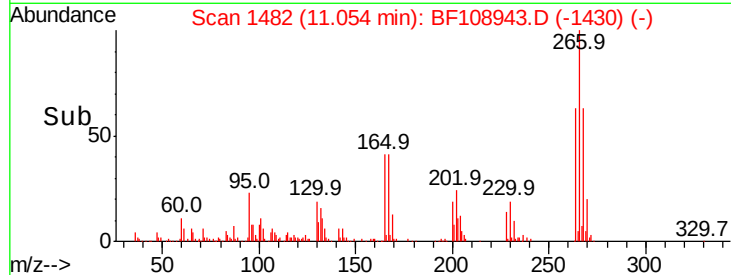
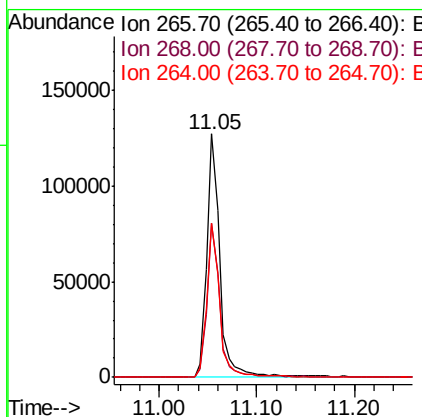
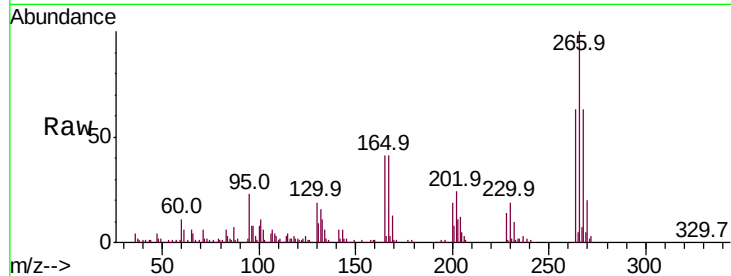
#69
 Pentachlorophenol
 Concen: 35.115 ng
 RT: 11.05 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	119105		
268	63.3	51.1	76.7	
264	63.4	49.5	74.3	

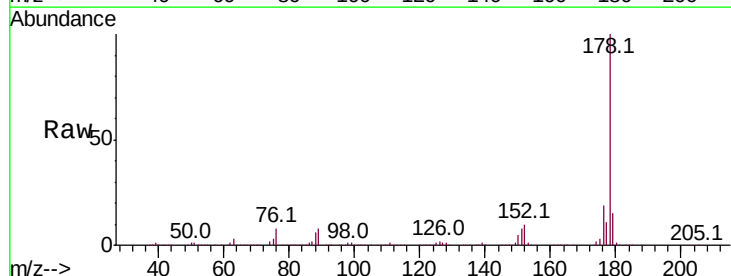
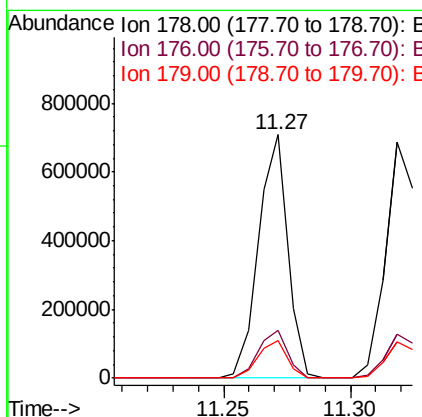
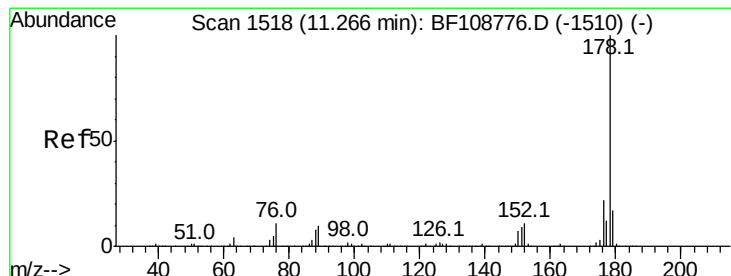
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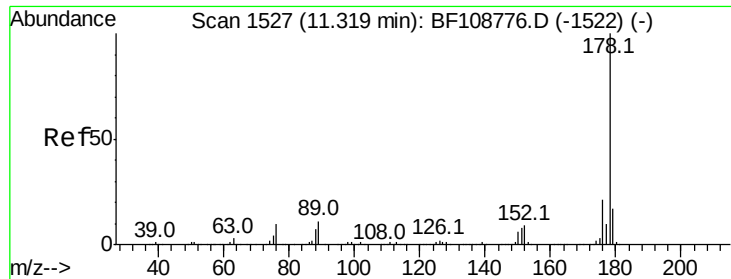
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#70
 Phenanthrene
 Concen: 26.051 ng
 RT: 11.27 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	572431		
176	19.4	15.8	23.8	
179	15.2	13.0	19.6	





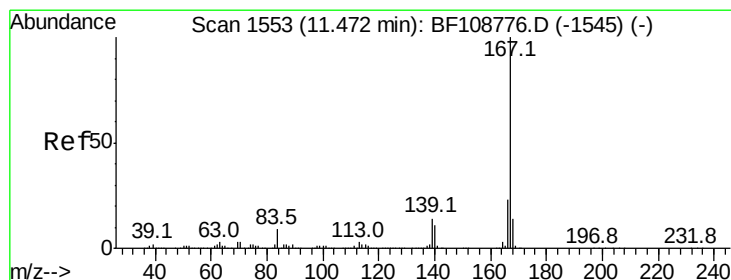
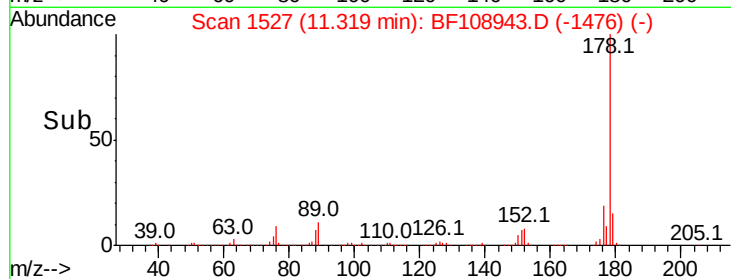
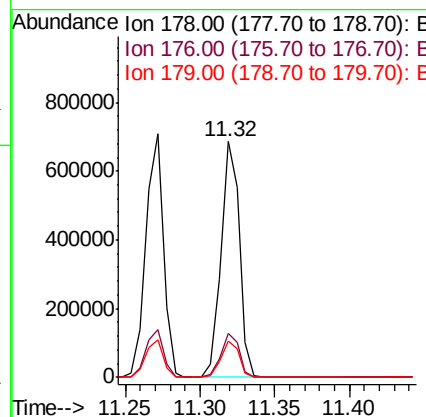
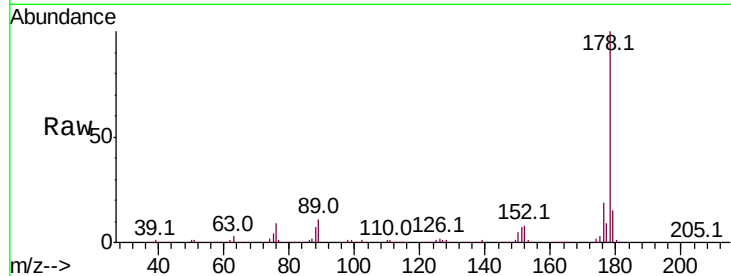
#71
 Anthracene
 Concen: 28.140 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0

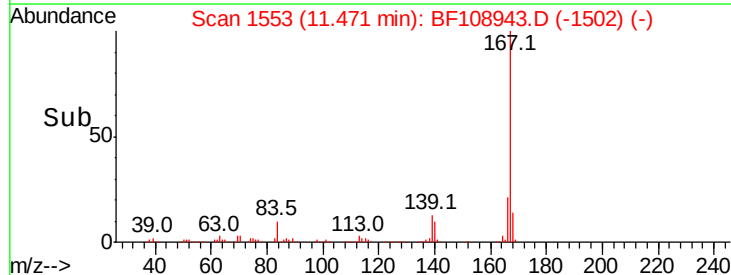
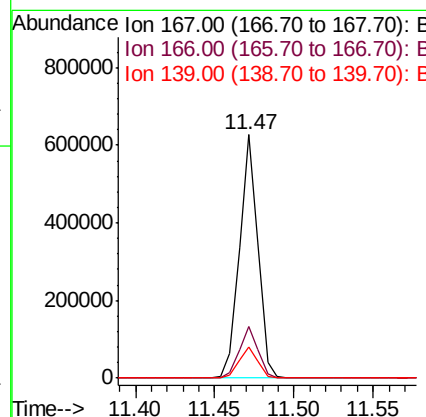
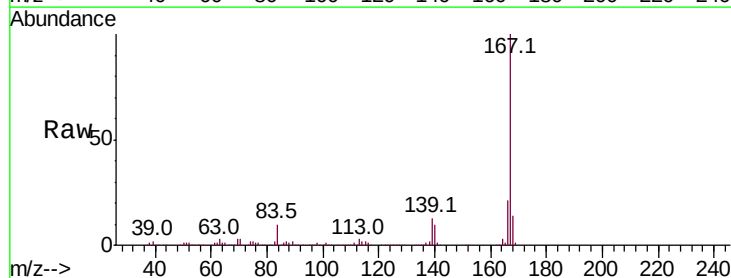
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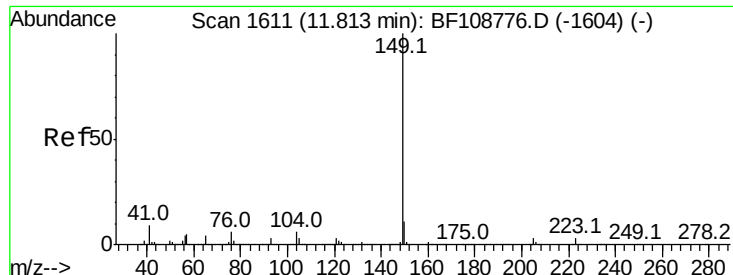
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#72
 Carbazole
 Concen: 22.910 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	12.8	10.9	16.3





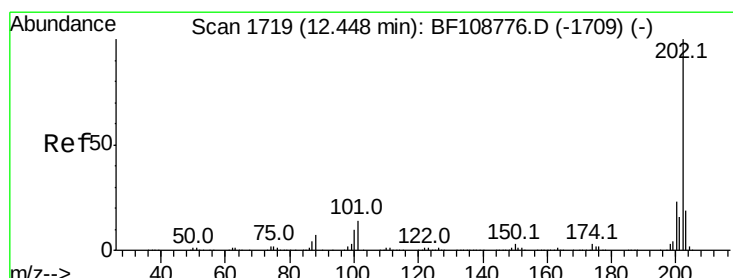
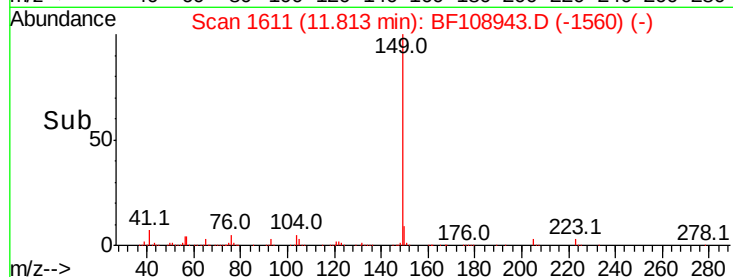
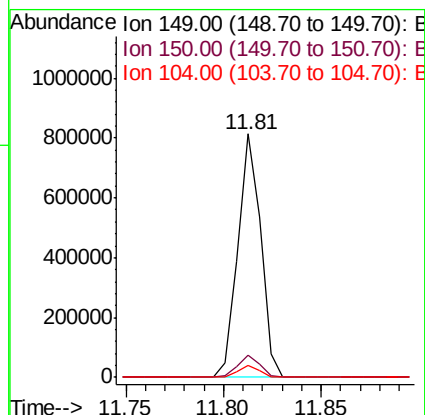
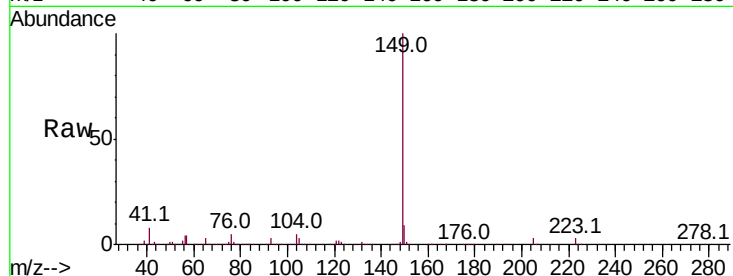
#73
Di-n-butylphthalate
Concen: 26.884 ng
RT: 11.81 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	661473		
150	9.2		7.8	11.6
104	4.8		3.8	5.8

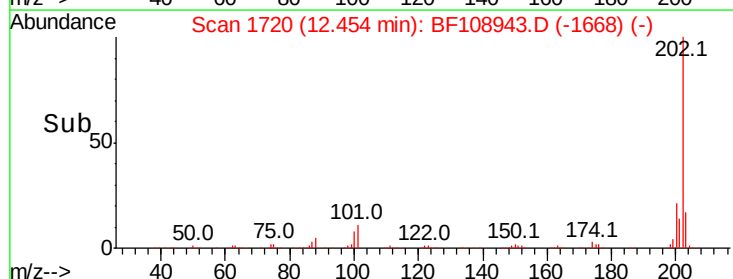
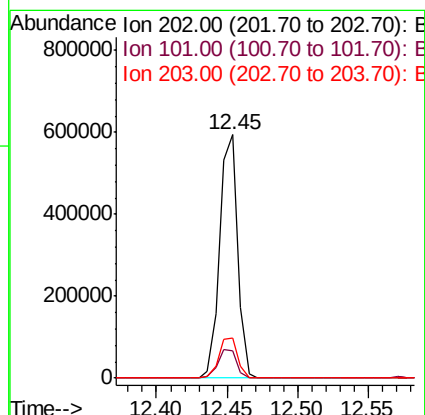
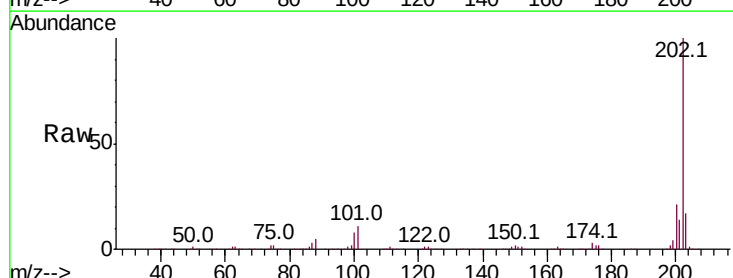
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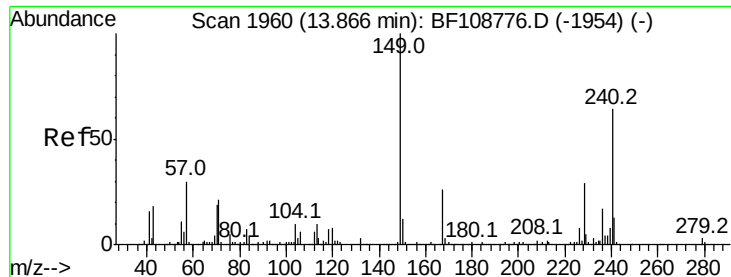
Sohil
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#74
Fluoranthene
Concen: 24.207 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	526644		
101	11.1		0.0	34.1
203	16.7		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

ClientSampleId :

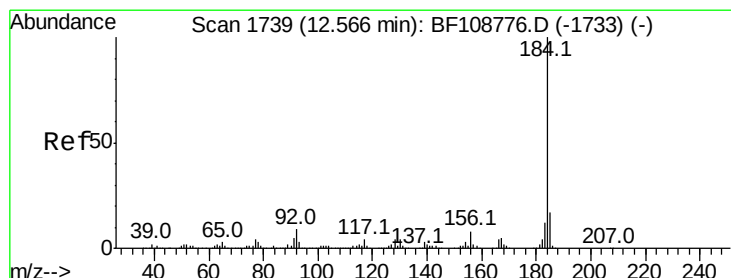
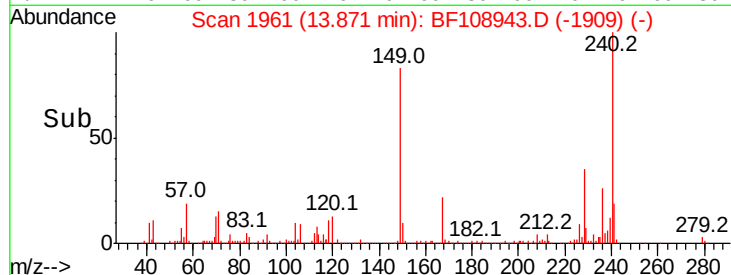
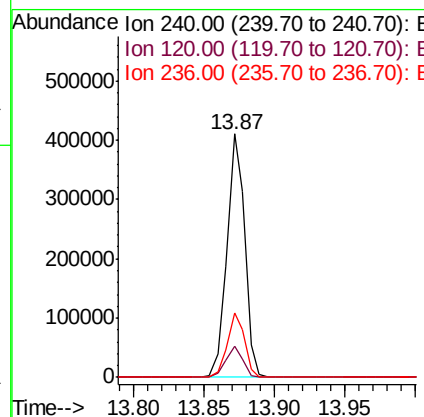
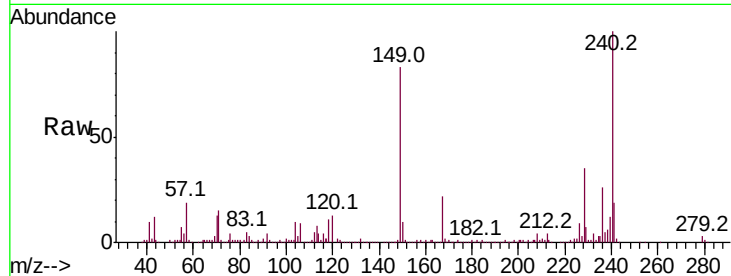
FK-PS-01-040MSD

Tot Ion:	240	Resp:	359143
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 19.338 ng

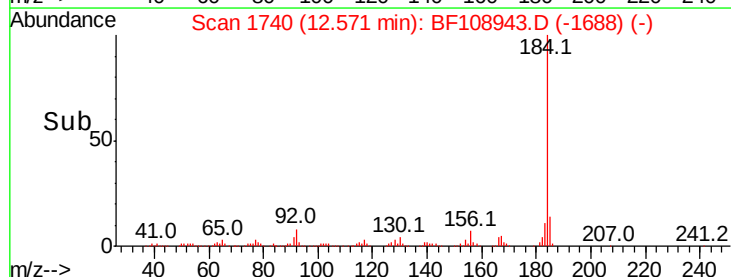
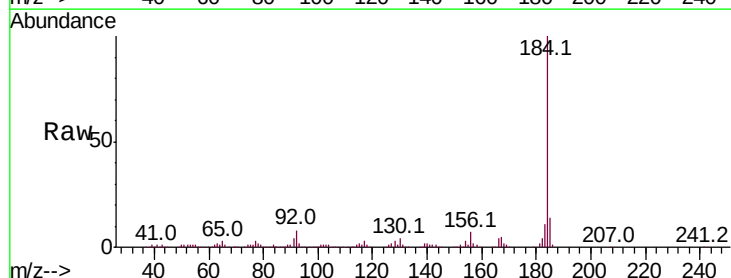
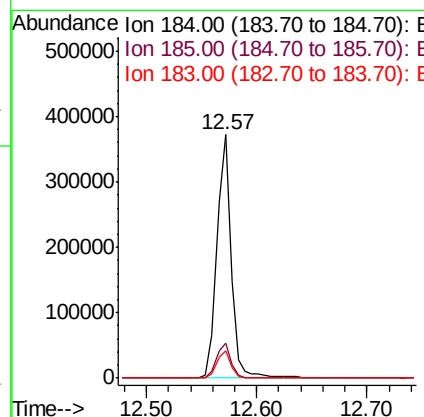
RT: 12.57 min Scan# 1740

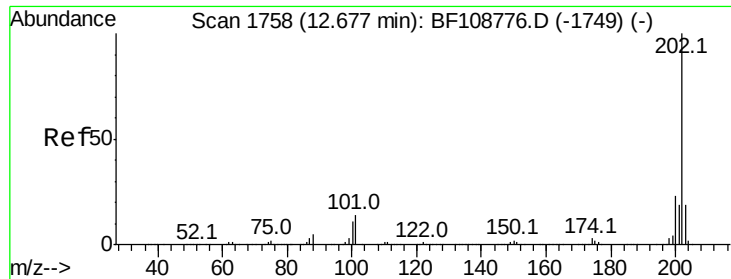
Delta R.T. 0.01 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Tgt Ion:	184	Resp:	329164
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.2	9.3	13.9





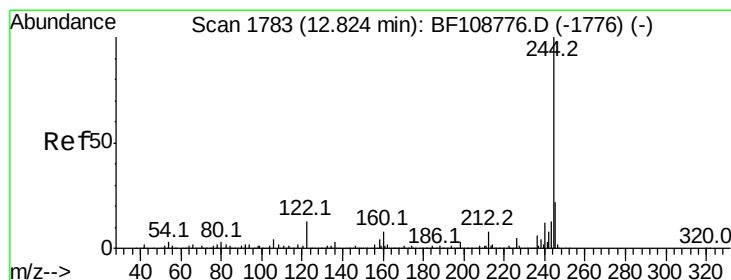
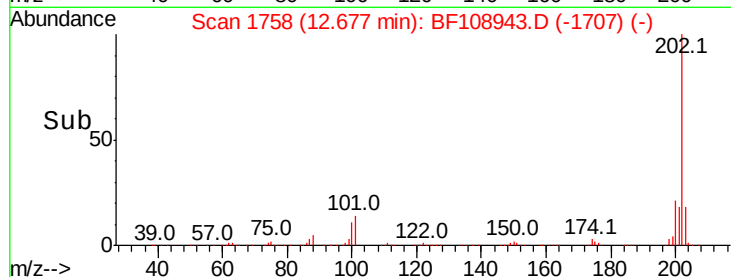
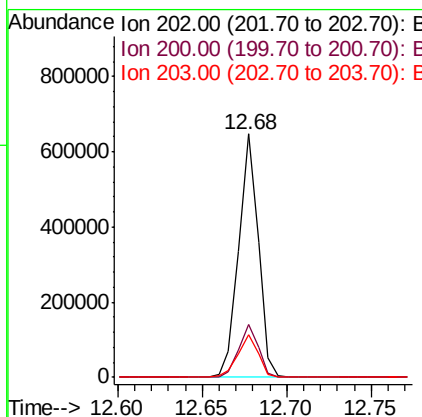
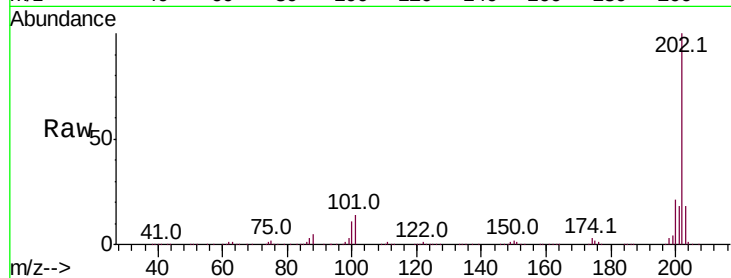
#77
Pvrene
Concen: 18.843 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

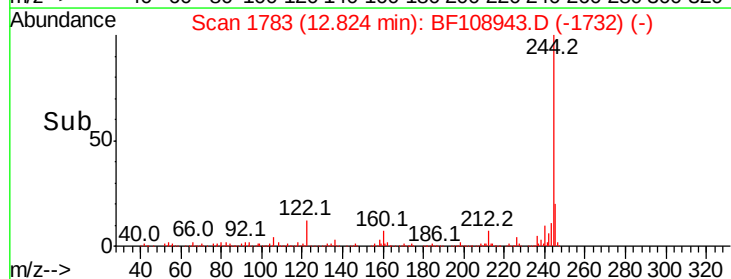
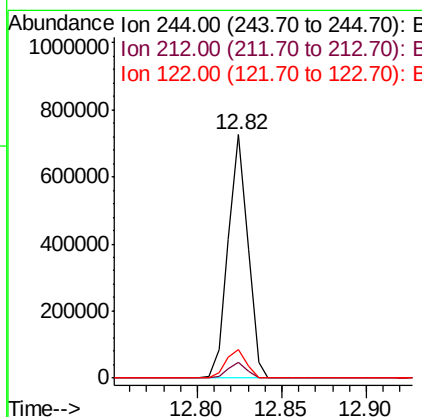
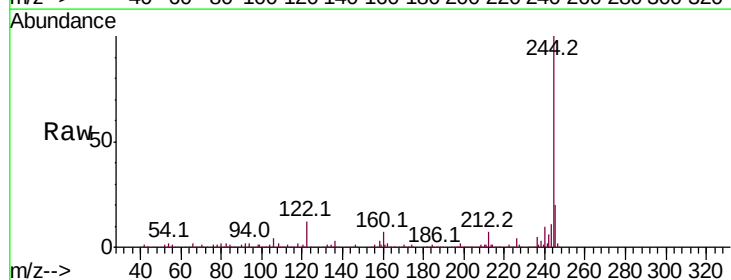
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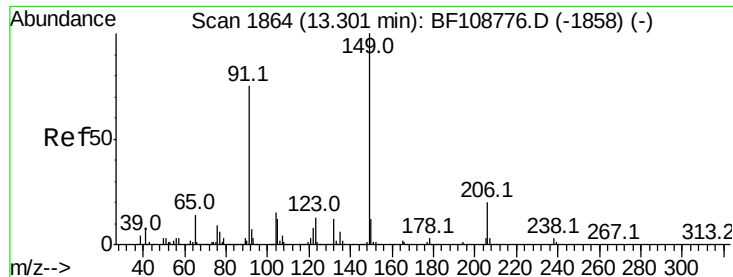
Sohil
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#78
Terphenyl-d14
Concen: 38.133 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4





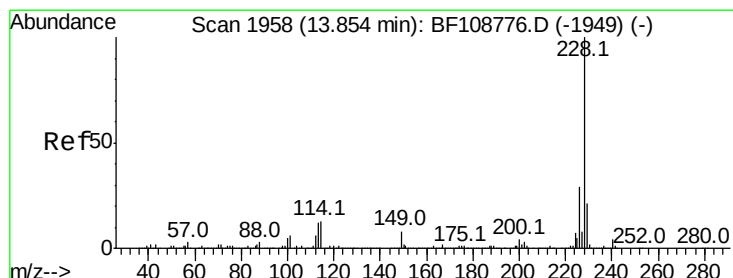
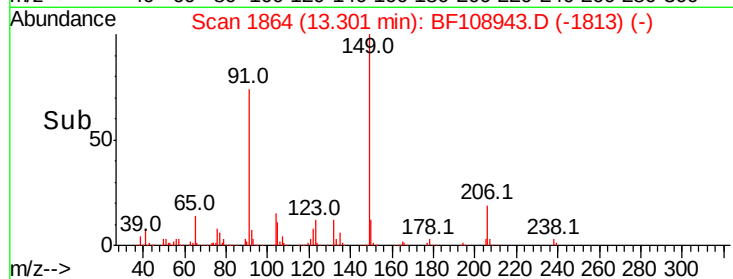
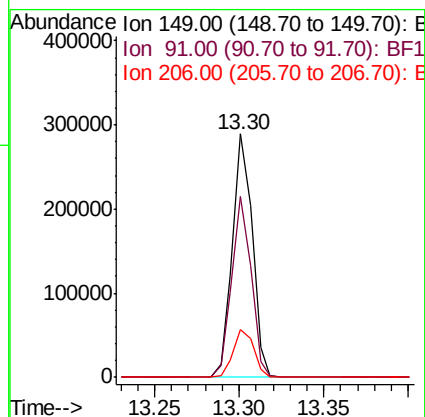
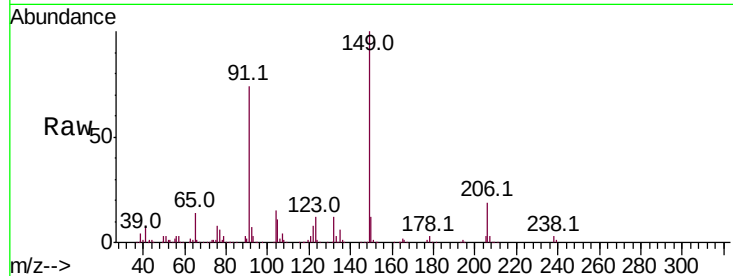
#79
Butylbenzylphthalate
Concen: 19.021 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion:	149	Resp:	236722
Ion Ratio	Lower	Upper	
149	100		
91	74.1	56.8	85.2
206	19.4	14.1	21.1

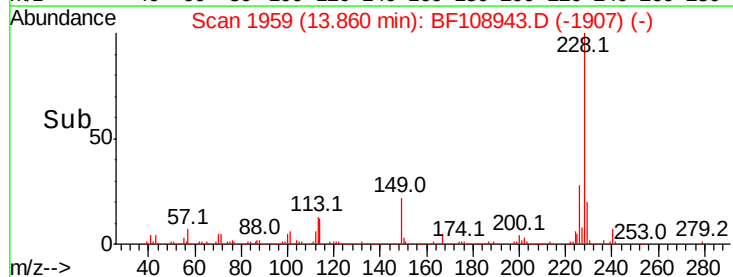
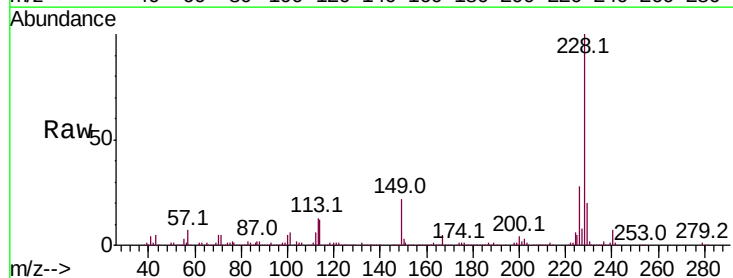
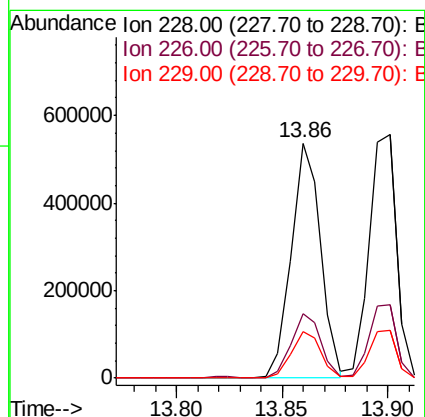
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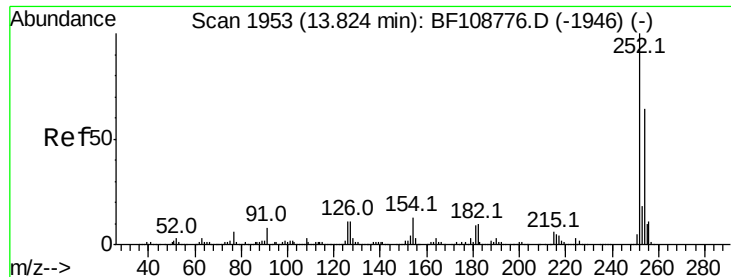
Sohil
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#80
Benzo(a)anthracene
Concen: 22.614 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:	228	Resp:	520565
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6





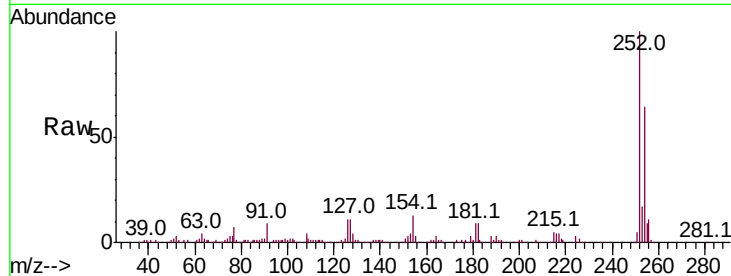
#81
 3,3'-Dichlorobenzidine
 Concen: 22.721 ng
 RT: 13.82 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	11.2	11.3	16.9

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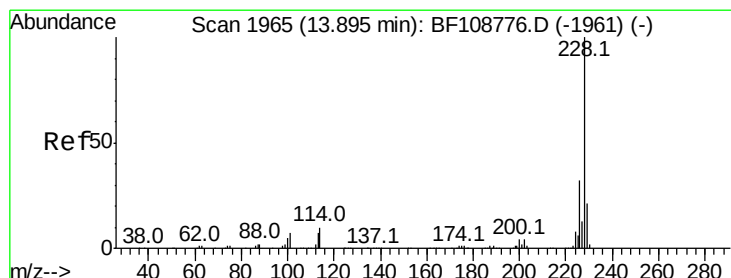
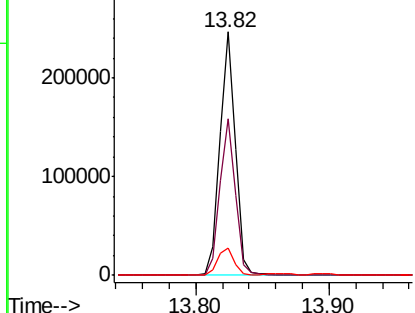
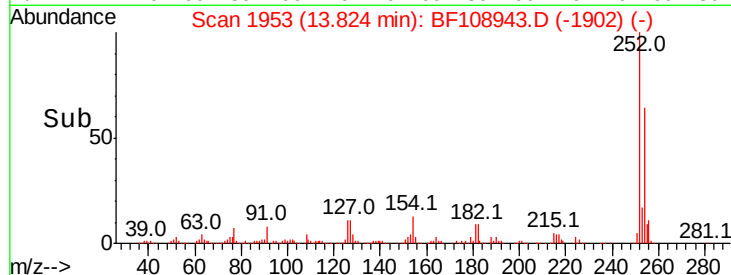


Abundance

Ion 252.00 (251.70 to 252.70): E

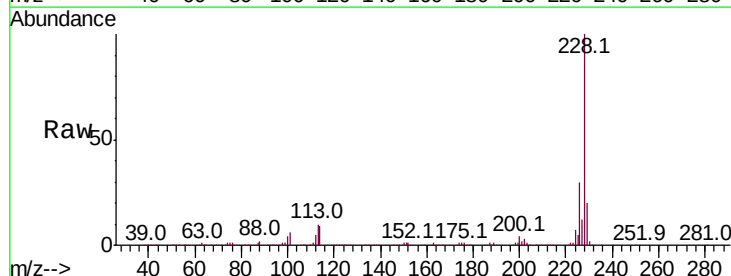
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 22.718 ng
 RT: 13.90 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.6	16.2	24.4

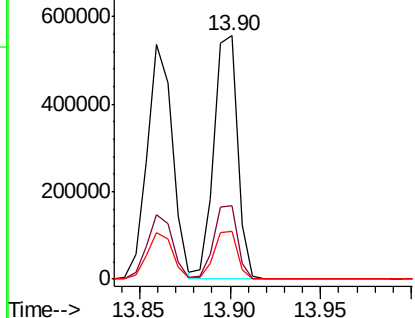
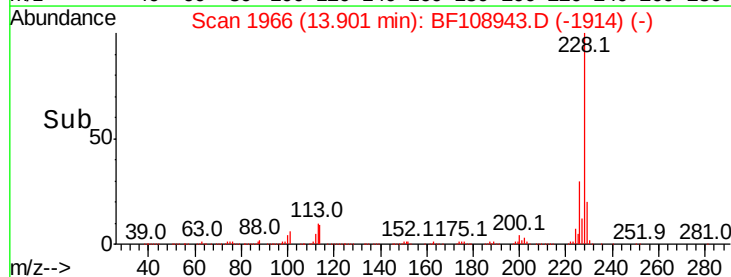


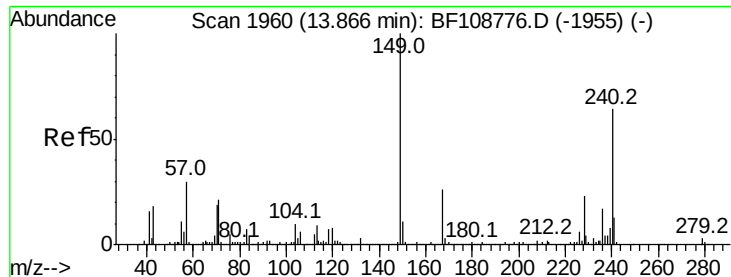
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





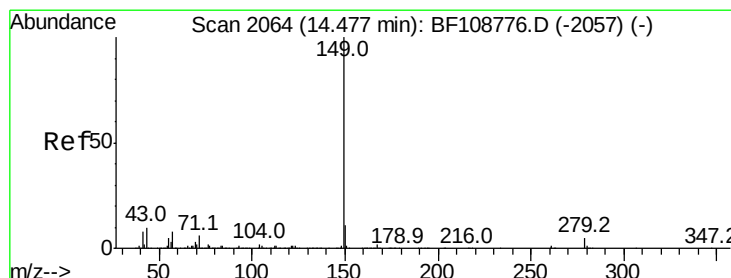
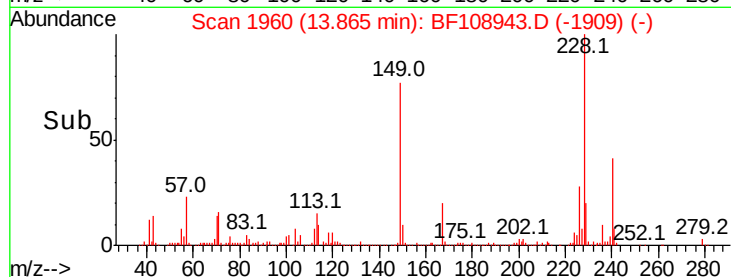
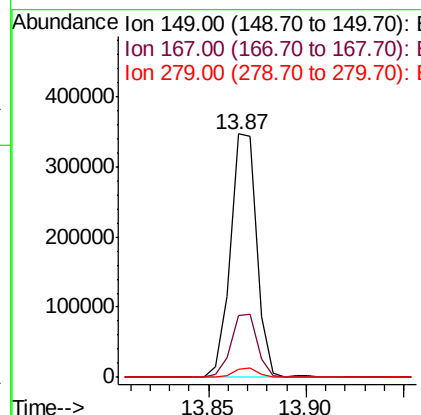
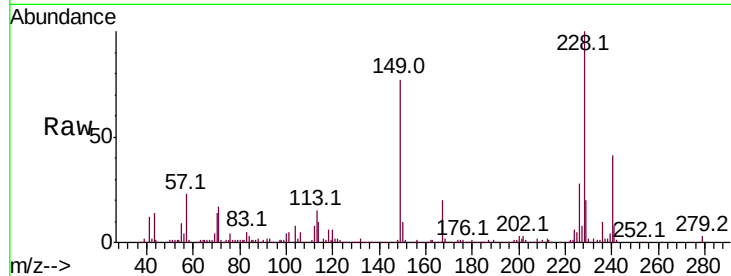
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.757 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.3	3.0	4.4

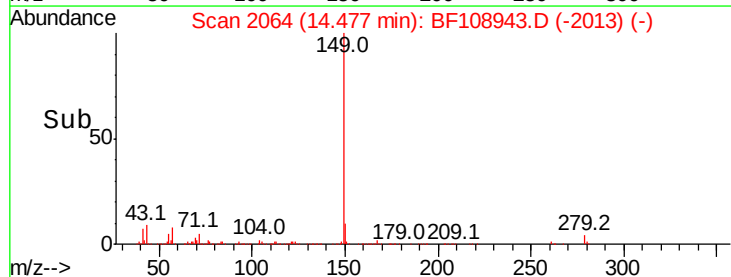
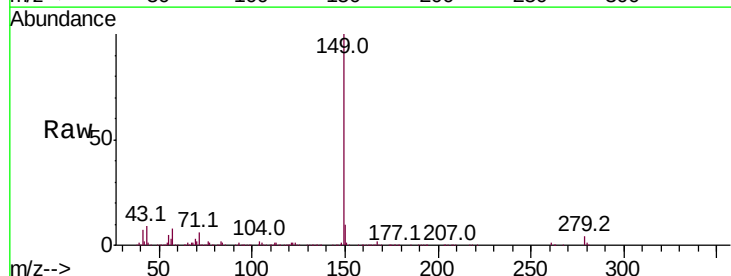
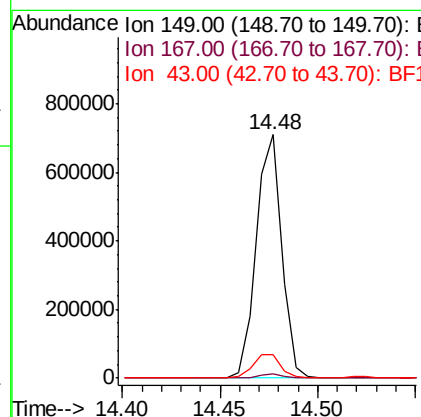
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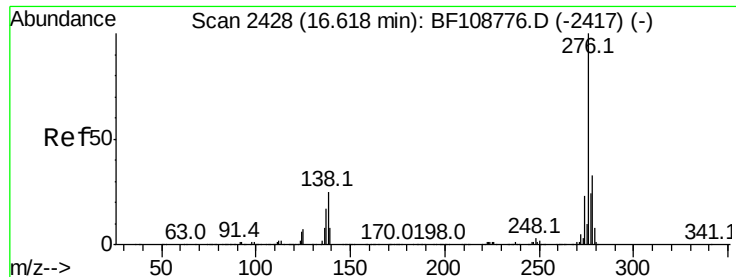
Sohil
 9/12/2018 9:12:01 AM



#84
 Di-n-octyl phthalate
 Concen: 24.519 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 29.515 ng

RT: 16.64 min Scan# 2432

Delta R.T. 0.02 min

Lab File: BF108943.D

Acq: 11 Sep 2018 18:50

Instrument :

BNA_F

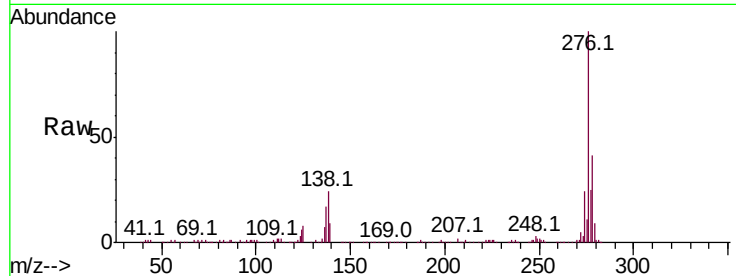
ClientSampleId :

FK-PS-01-040MSD

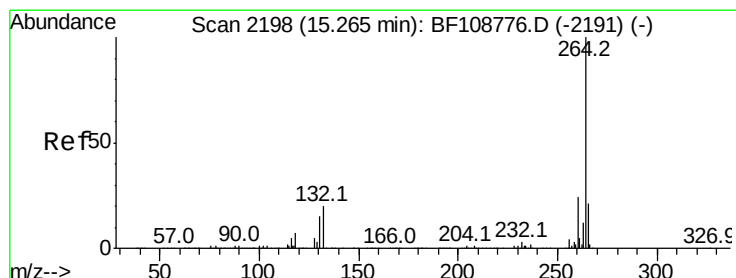
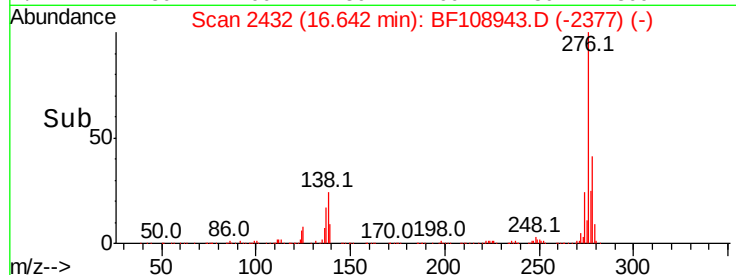
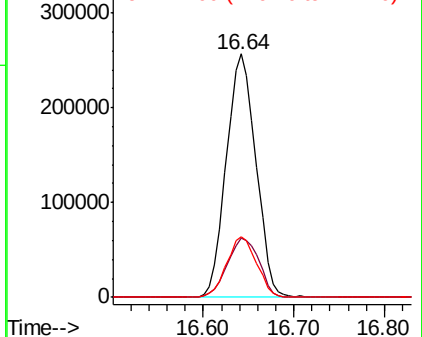
Tot Ion:	276	Resp:	582093
Ion Ratio	Lower	Upper	
276	100		
138	26.0	25.0	37.6
277	25.3	20.1	30.1

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



#86

Perylene-d12

Concen: 20.000 ng

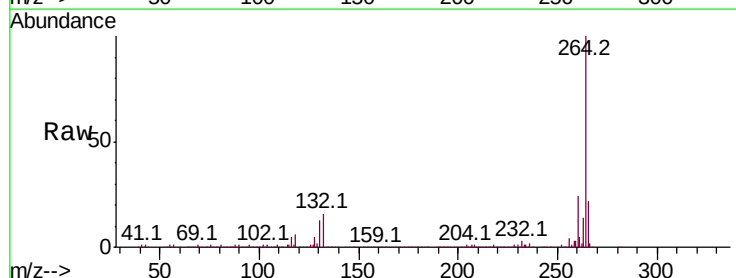
RT: 15.28 min Scan# 2201

Delta R.T. 0.02 min

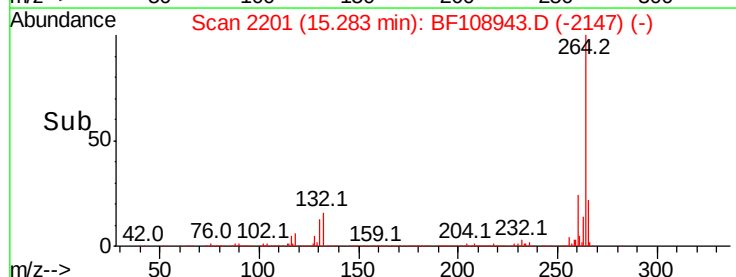
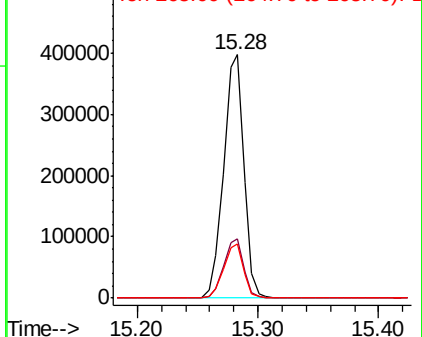
Lab File: BF108943.D

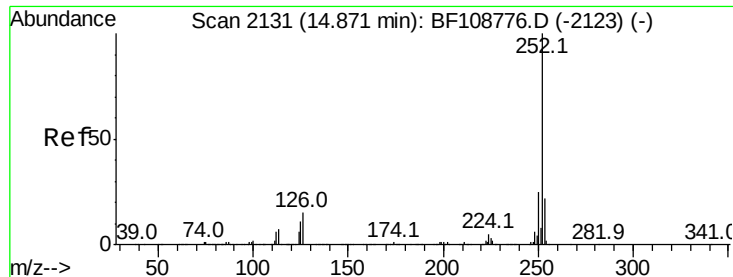
Acq: 11 Sep 2018 18:50

Tgt Ion:	264	Resp:	460615
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3



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





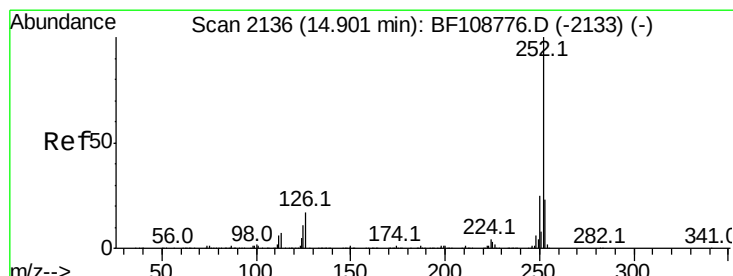
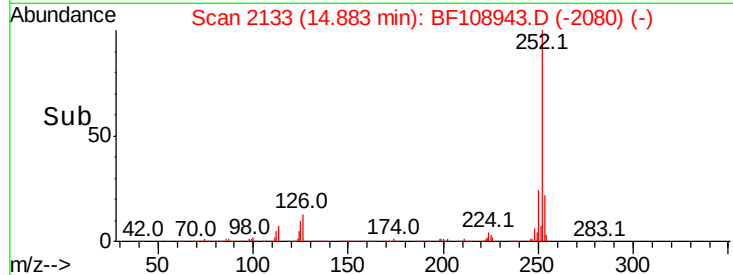
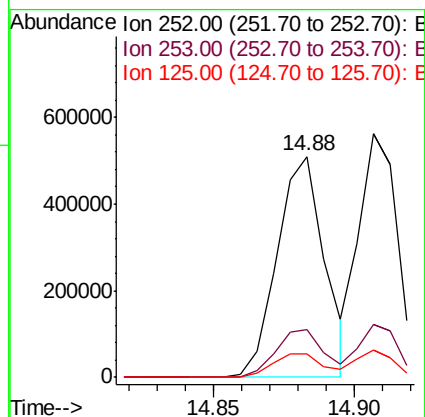
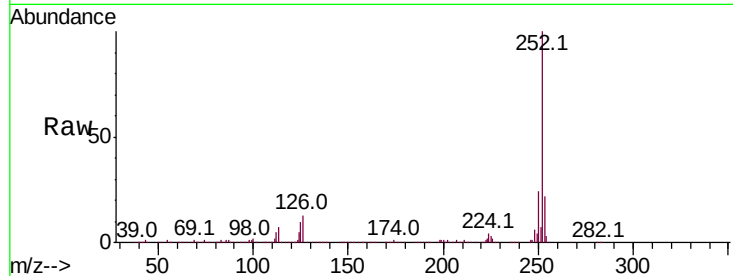
#87
Benzo(b)fluoranthene
Concen: 23.724 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	10.5	9.0	13.6

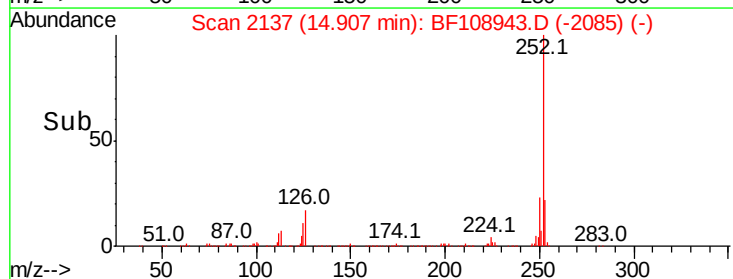
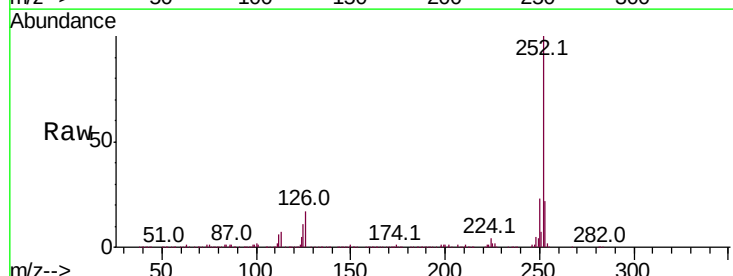
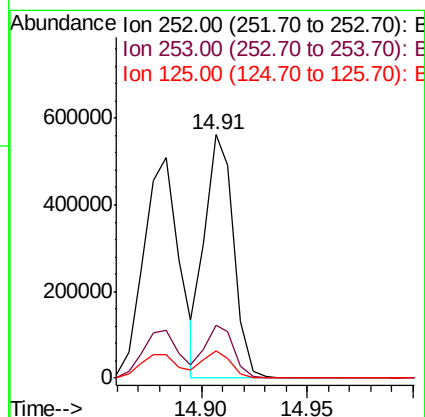
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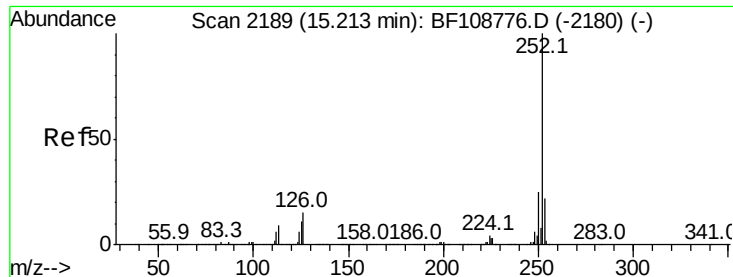
Sohil
9/12/2018 9:12:01 AM



#88
Benzo(k)fluoranthene
Concen: 23.140 ng
RT: 14.91 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.3	10.2	15.2





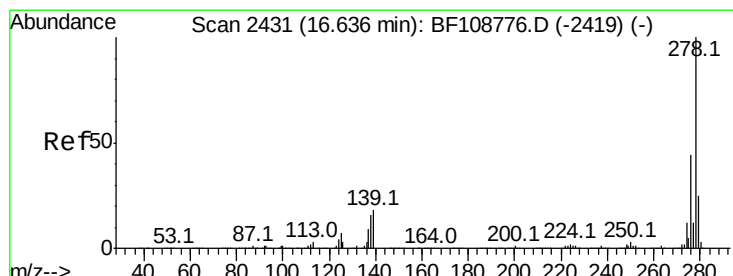
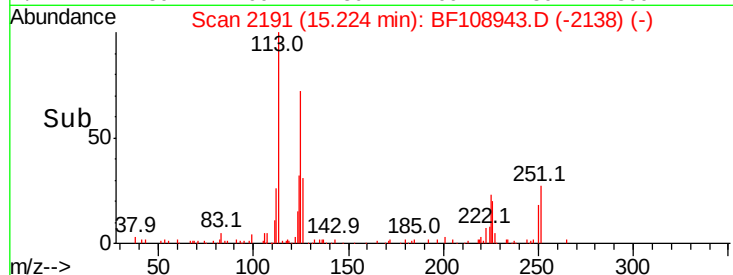
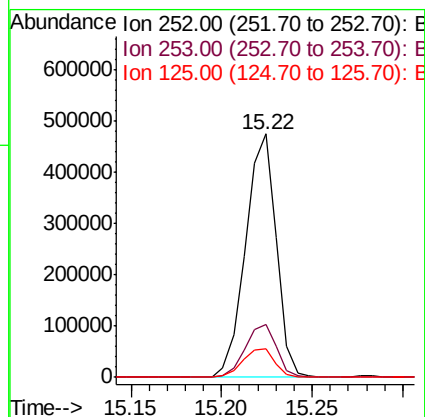
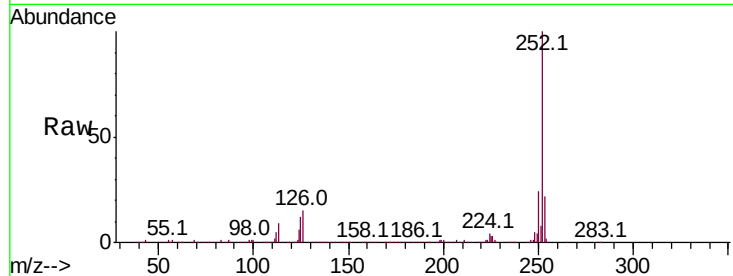
#89
Benzo(a)pyrene
Concen: 24.721 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-040MSD

Tot Ion:	252	Resp:	558670
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	11.6	9.8	14.6

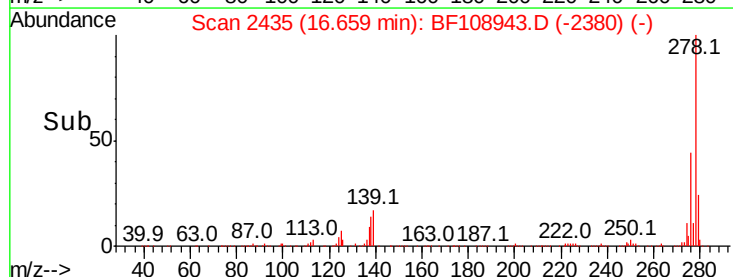
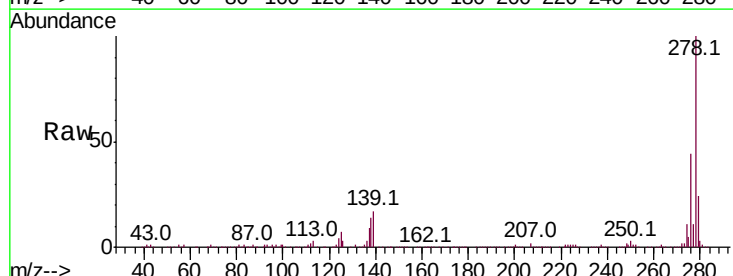
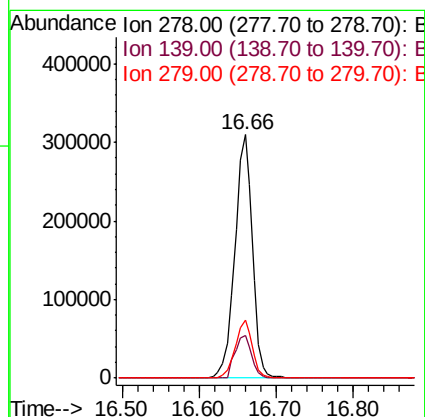
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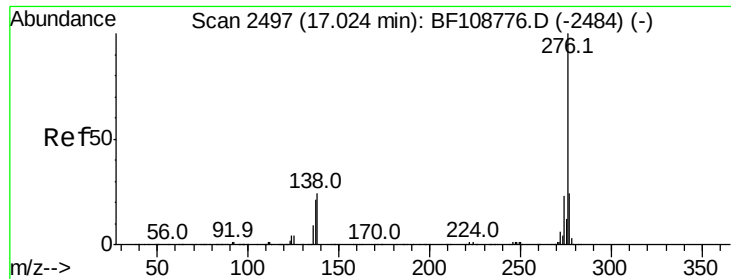
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 24.922 ng
RT: 16.66 min Scan# 2435
Delta R.T. 0.02 min
Lab File: BF108943.D
Acq: 11 Sep 2018 18:50

Tgt Ion:	278	Resp:	496296
Ion Ratio	Lower	Upper	
278	100		
139	17.5	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 22.658 ng
 RT: 17.05 min Scan# 2501
 Delta R.T. 0.02 min
 Lab File: BF108943.D
 Acq: 11 Sep 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-040MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	22.4	21.8	32.8

Manual Integrations
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Sohil
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