

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109263.D
 Acq On : 24 Sep 2018 13:23
 Operator : JU/SJ
 Sample : J5025-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Manual Integrations
 APPROVED

Sohil
 9/25/2018 9:57:11 AM

Quant Time: Sep 25 04:21:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	130397	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	507838	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	250141	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	485245	20.00	ng	0.00
75) Chrysene-d12	13.84	240	294481	20.00	ng	0.00
86) Perylene-d12	15.24	264	333017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	609036	76.93	ng	0.00
7) Phenol-d6	6.35	99	794873	78.68	ng	0.00
23) Nitrobenzene-d5	7.27	82	496321	57.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	220847	89.56	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	911031	54.93	ng	0.00
78) Terphenyl-d14	12.80	244	877115	73.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	78641	21.568	ng	95
3) Pyridine	3.10	79	213171	22.716	ng	89
4) n-Nitrosodimethylamine	3.02	42	115288	28.868	ng	# 96
6) Aniline	6.37	93	299573	23.178	ng	# 80
8) 2-Chlorophenol	6.49	128	248931	28.275	ng	98
9) Benzaldehyde	6.25	77	165502	25.502	ng	99
10) Phenol	6.36	94	338892	29.622	ng	75
11) bis(2-Chloroethyl)ether	6.45	93	234892	26.239	ng	95
12) 1,3-Dichlorobenzene	6.65	146	264612	26.105	ng	98
13) 1,4-Dichlorobenzene	6.73	146	267717	26.216	ng	97
14) 1,2-Dichlorobenzene	6.88	146	253159	26.874	ng	98
15) Benzyl Alcohol	6.85	79	226449	29.285	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	334606	26.351	ng	95
17) 2-Methylphenol	6.97	107	202713	28.457	ng	96
18) Hexachloroethane	7.22	117	94558	26.282	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	176532	26.668	ng	99
20) 3+4-Methylphenols	7.12	107	250886	29.171	ng	# 70
22) Acetophenone	7.12	105	343668	29.270	ng	# 93
24) Nitrobenzene	7.29	77	266443	29.129	ng	97
25) Isophorone	7.53	82	487923	31.496	ng	99
26) 2-Nitrophenol	7.60	139	123897	34.250	ng	96
27) 2,4-Dimethylphenol	7.65	122	229408	33.986	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	303423	29.588	ng	98
29) 2,4-Dichlorophenol	7.85	162	216910	30.585	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	217919	27.499	ng	98
31) Naphthalene	8.01	128	715854	30.165	ng	99
32) Benzoic acid	7.77	122	143232	33.601	ng	97
33) 4-Chloroaniline	8.06	127	199766	19.269	ng	99
34) Hexachlorobutadiene	8.13	225	127230	26.632	ng	99
35) Caprolactam	8.43	113	73394m	32.414	ng	
36) 4-Chloro-3-methylphenol	8.55	107	229162	30.707	ng	98
37) 2-Methylnaphthalene	8.70	142	485908	31.762	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	218783	27.482	ng	99
40) Hexachlorocyclopentadiene	8.86	237	169783	48.897	ng	98

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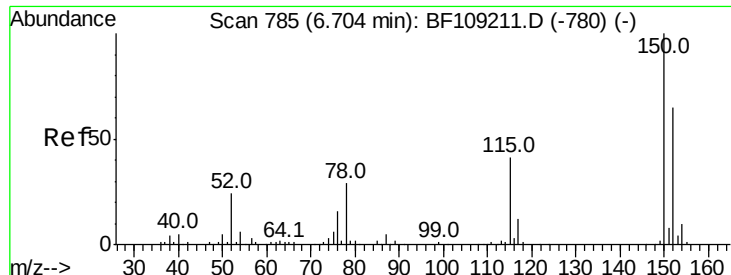
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	157217	30.771	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	165460	30.663	nq	95
45) 1,1'-Biphenyl	9.16	154	587108	28.807	nq	99
46) 2-Chloronaphthalene	9.19	162	449817	27.627	nq	98
47) 2-Nitroaniline	9.28	65	142082	30.779	nq	93
48) Acenaphthylene	9.60	152	739981	30.127	nq	100
49) Dimethylphthalate	9.47	163	810557	44.552	nq	99
50) 2,6-Dinitrotoluene	9.53	165	114796	31.859	nq	96
51) Acenaphthene	9.77	154	431985	29.090	nq	99
52) 3-Nitroaniline	9.69	138	103083	24.703	nq	91
53) 2,4-Dinitrophenol	9.80	184	79107	63.834	nq #	21
54) Dibenzofuran	9.95	168	643720	29.148	nq	100
55) 4-Nitrophenol	9.86	139	196737	62.585	nq	95
56) 2,4-Dinitrotoluene	9.93	165	152834	33.522	nq #	99
57) Fluorene	10.29	166	481182	30.537	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	140604	32.909	nq	90
59) Diethylphthalate	10.17	149	536361	29.112	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	229136	27.841	nq	92
61) 4-Nitroaniline	10.30	138	127255	31.270	nq	98
62) Azobenzene	10.44	77	535451	27.973	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	55256	31.106	nq #	74
65) n-Nitrosodiphenylamine	10.40	169	472881	29.496	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	154240	28.624	nq	92
67) Hexachlorobenzene	10.83	284	162348	28.368	nq	93
68) Atrazine	10.93	200	155188	31.474	nq	97
69) Pentachlorophenol	11.03	266	176323	51.478	nq	98
70) Phenanthrene	11.24	178	728249	30.058	nq	100
71) Anthracene	11.29	178	749324	30.493	nq	100
72) Carbazole	11.44	167	671515	27.465	nq	99
73) Di-n-butylphthalate	11.79	149	833092	29.598	nq	99
74) Fluoranthene	12.42	202	726511	28.059	nq	96
76) Benzidine	12.54	184	343613	32.363	nq	98
77) Pyrene	12.65	202	702702	33.296	nq	99
79) Butylbenzylphthalate	13.27	149	304306	33.891	nq #	95
80) Benzo(a)anthracene	13.83	228	531080	29.941	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	172634	25.610	nq	99
82) Chrysene	13.87	228	518818	29.511	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	370553	32.723	nq	99
84) Di-n-octyl phthalate	14.44	149	620507	32.048	nq	98
85) Indeno(1,2,3-cd)pyrene	16.59	276	546849	38.375	nq #	92
87) Benzo(b)fluoranthene	14.84	252	518686	28.345	nq	99
88) Benzo(k)fluoranthene	14.87	252	500151	28.803	nq #	96
89) Benzo(a)pyrene	15.19	252	501795	30.432	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	451152	33.351	nq	96
91) Benzo(g,h,i)perylene	17.00	276	427699	32.170	nq #	92

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



#1

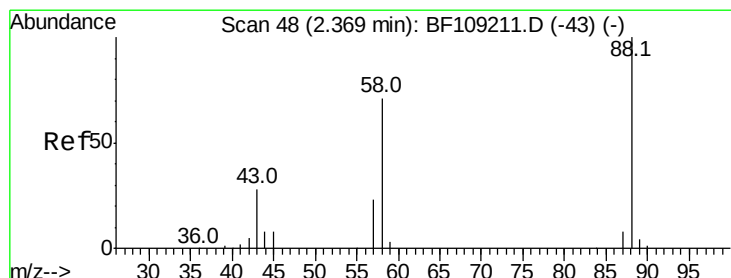
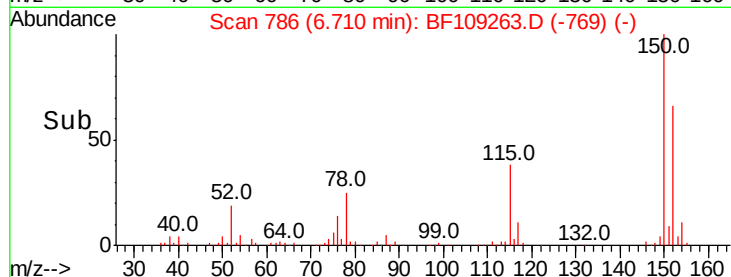
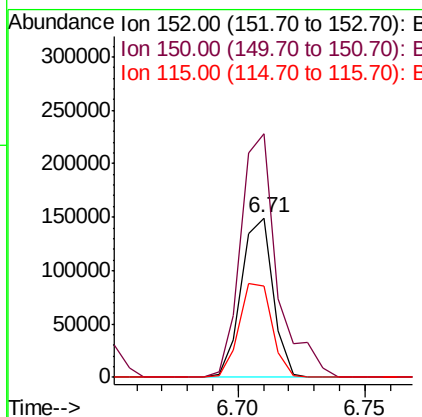
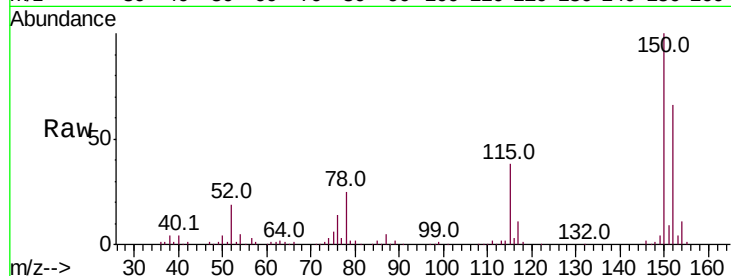
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	57.4	50.1	75.1

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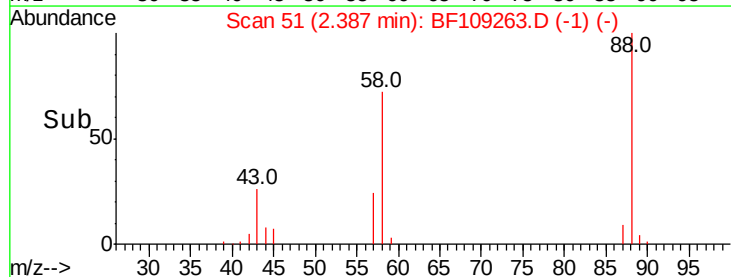
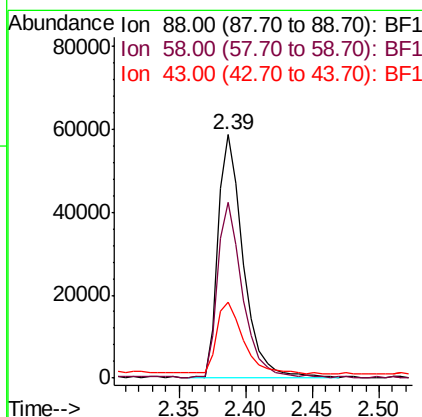
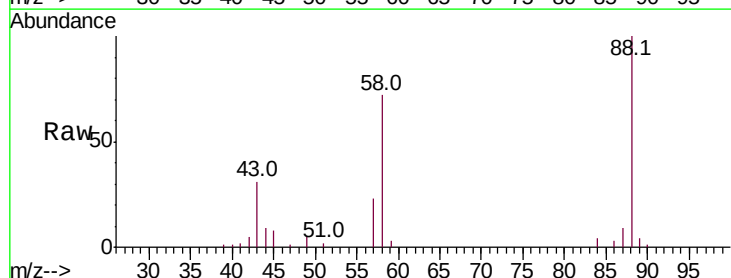
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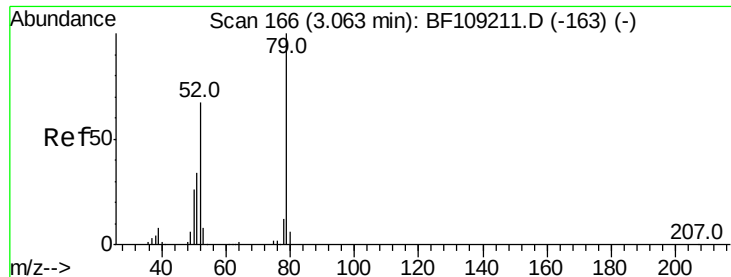


#2

1,4-Dioxane
Concen: 21.568 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	62.6	93.8
43	30.8	24.6	37.0





#3

Pvridine

Concen: 22.716 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.04 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

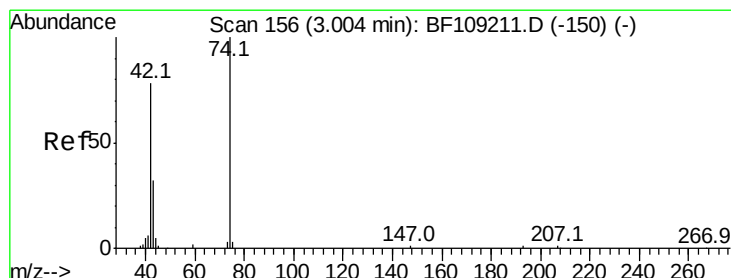
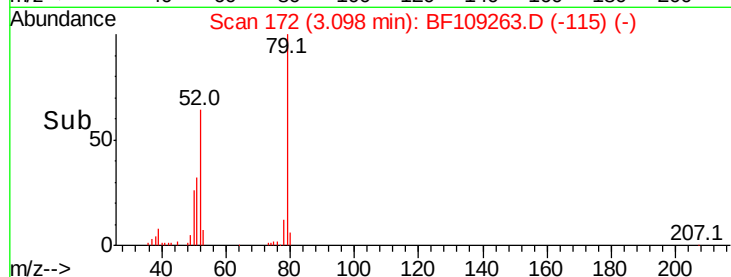
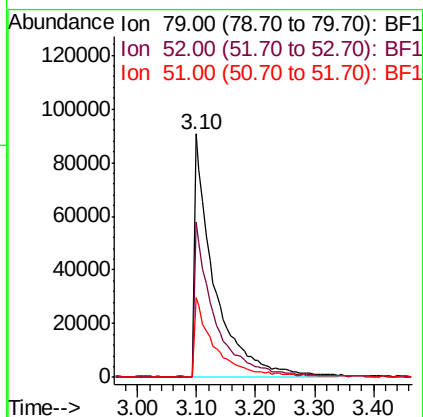
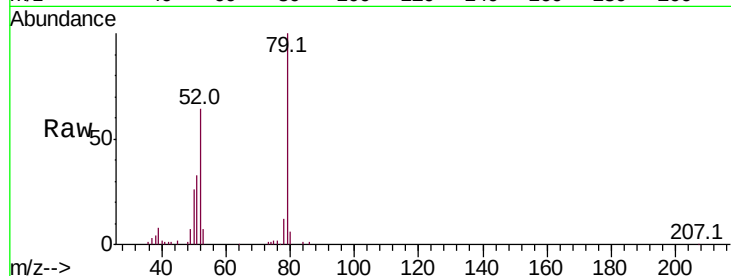
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	79	Resp:	213171
Ion Ratio	Lower	Upper	
79	100		
52	63.9	59.8	89.6
51	32.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 28.868 ng

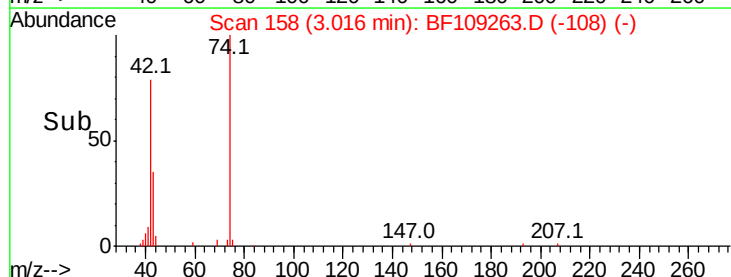
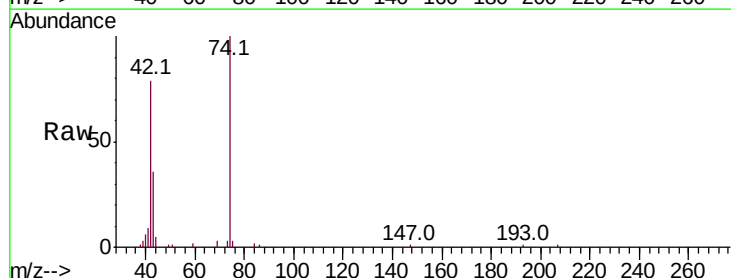
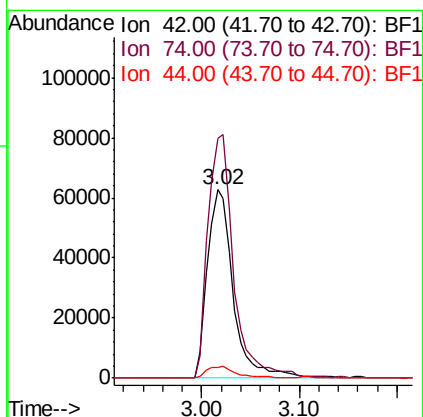
RT: 3.02 min Scan# 158

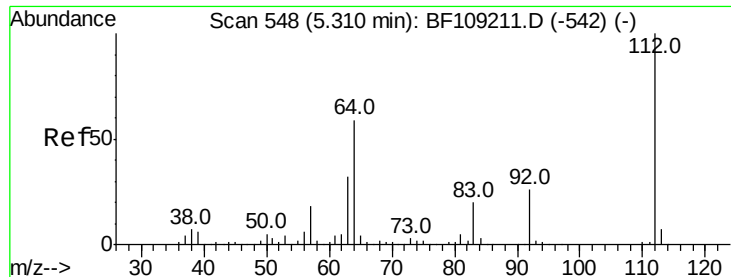
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	42	Resp:	115288
Ion Ratio	Lower	Upper	
42	100		
74	127.2	104.9	157.3
44	6.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 76.929 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

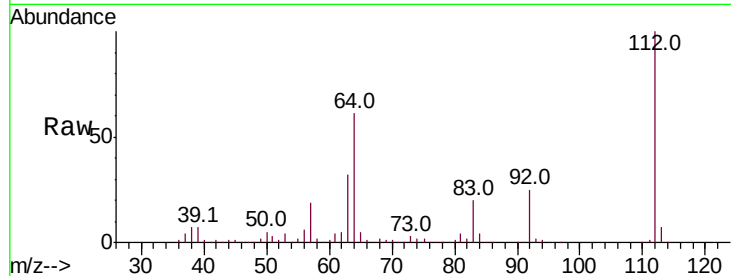
ClientSampleId :

FK-PS-01-041MSD

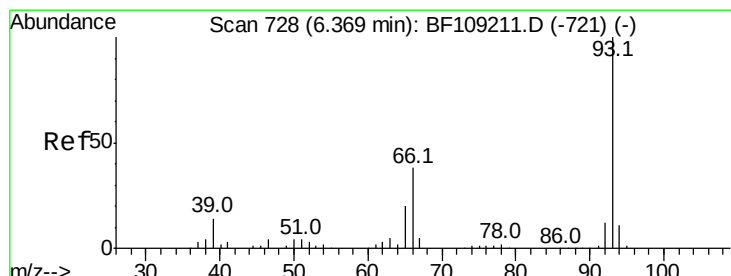
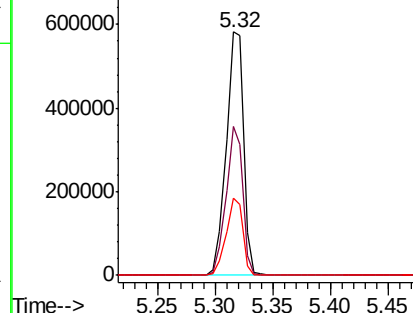
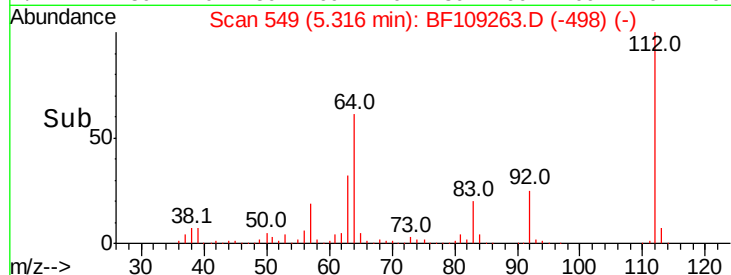
Tot Ion:	112	Resp:	609036
Ion Ratio	Lower	Upper	
112	100		
64	60.9	47.9	71.9
63	32.0	23.7	35.5

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



#6

Aniline

Concen: 23.178 ng

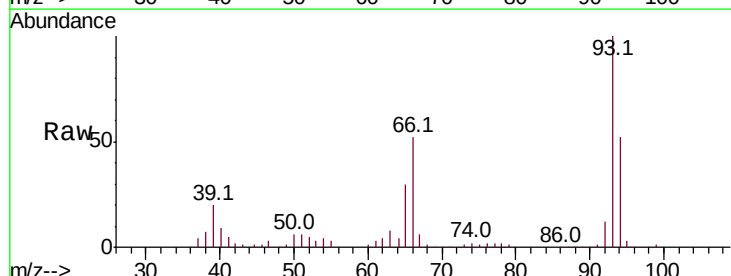
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

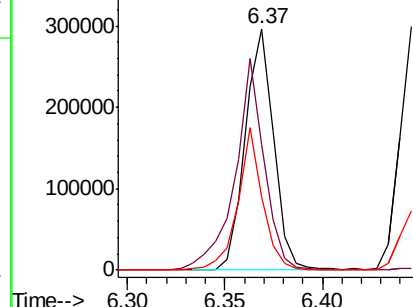
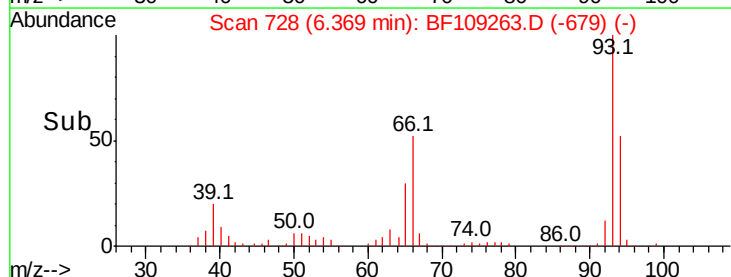
Lab File: BF109263.D

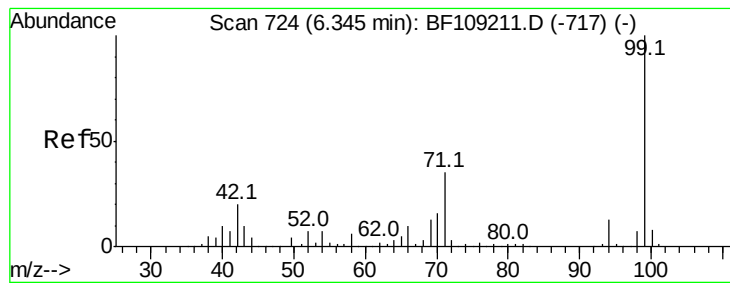
Acq: 24 Sep 2018 13:23

Tgt Ion:	93	Resp:	299573
Ion Ratio	Lower	Upper	
93	100		
66	52.1	32.2	48.2#
65	30.3	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: 78.683 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

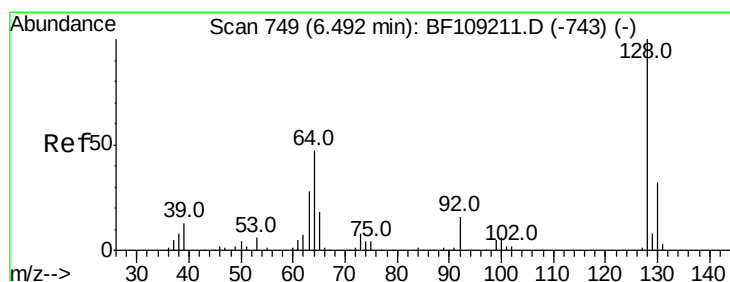
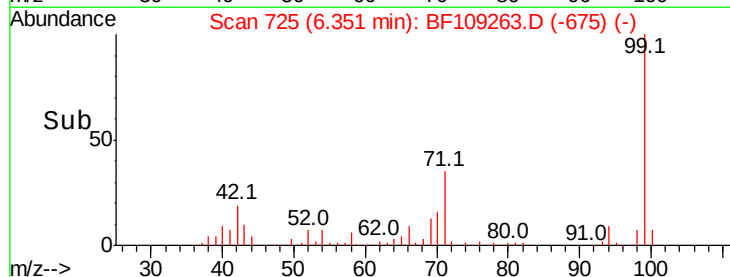
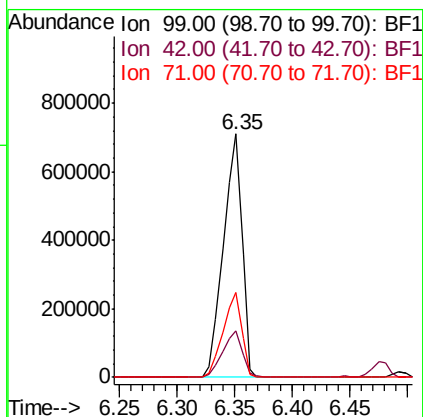
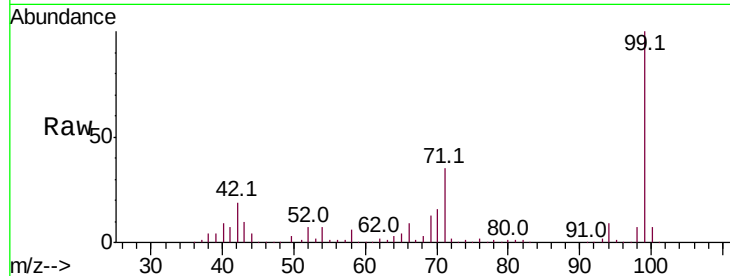
ClientSampleId :

FK-PS-01-041MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		794873		
42	19.4	14.5	21.7		
71	35.0	25.4	38.0		

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#8

2-Chlorophenol

Concen: 28.275 ng

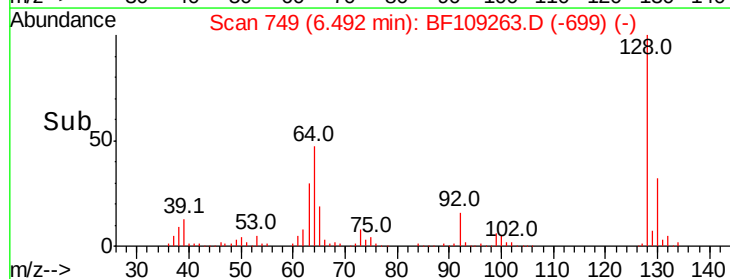
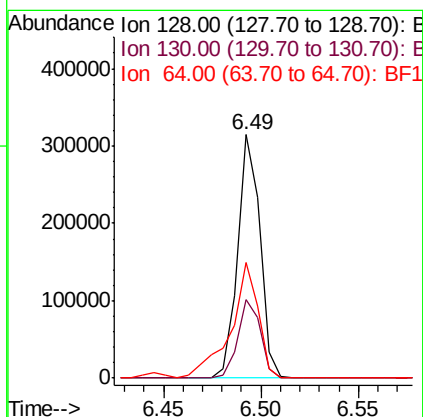
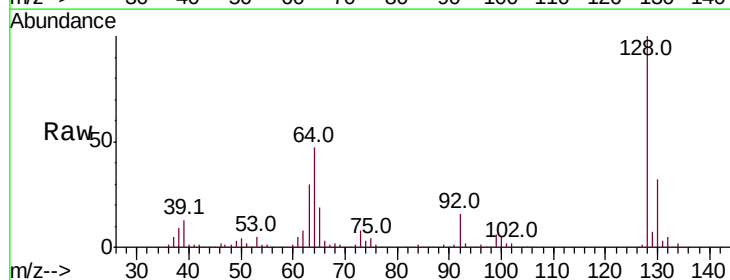
RT: 6.49 min Scan# 749

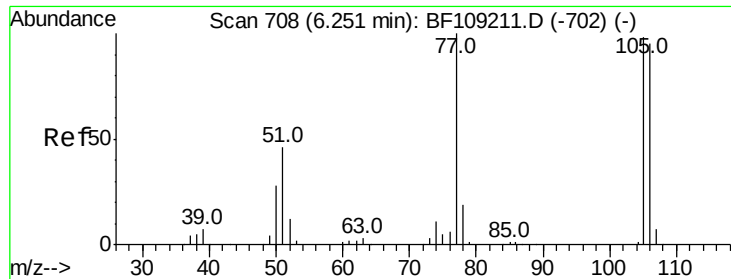
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		248931		
130	32.4	13.0	53.0		
64	47.5	29.4	69.4		





#9

Benzaldehyde

Concen: 25.502 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-041MSD

Tot Ion: 77 Resp: 165502

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

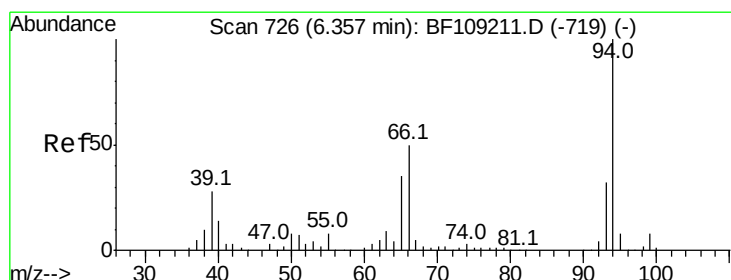
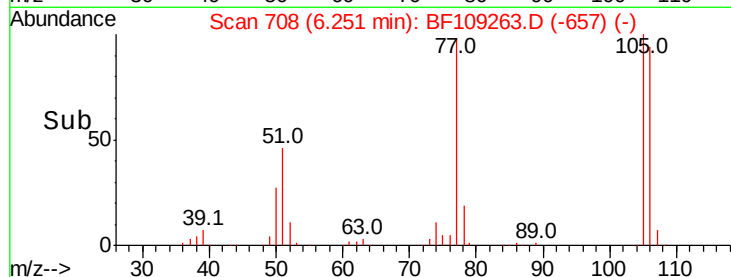
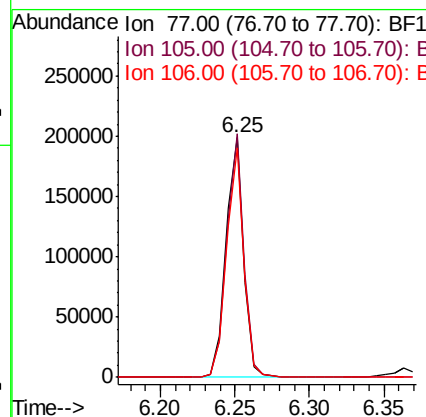
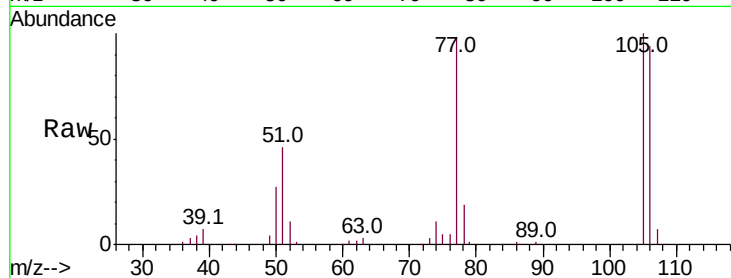
106 95.9 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 29.622 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

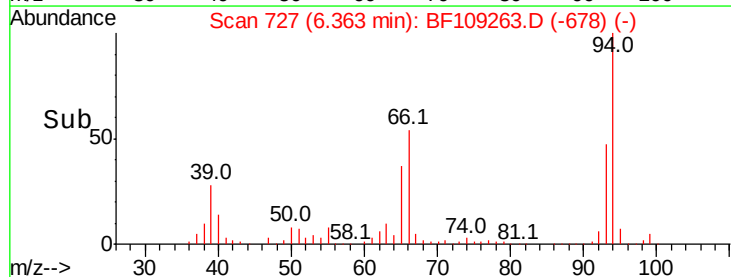
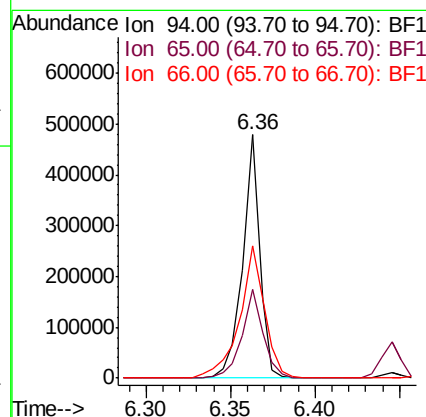
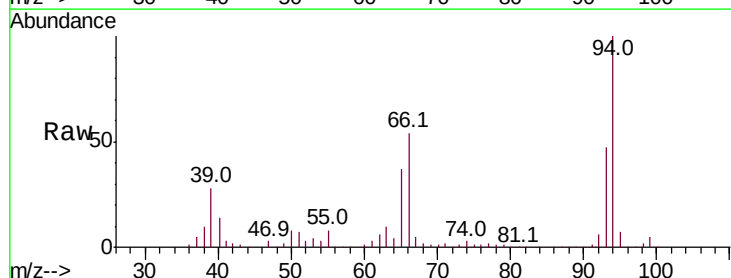
Tgt Ion: 94 Resp: 338892

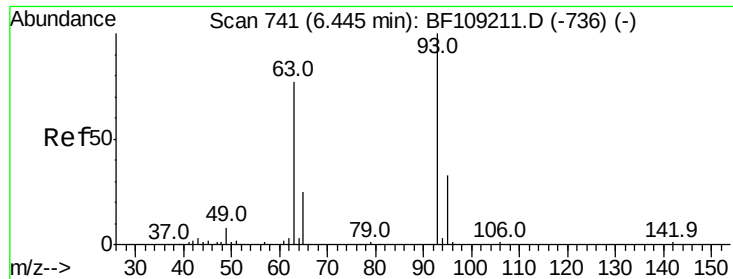
Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

66 54.4 16.2 56.2





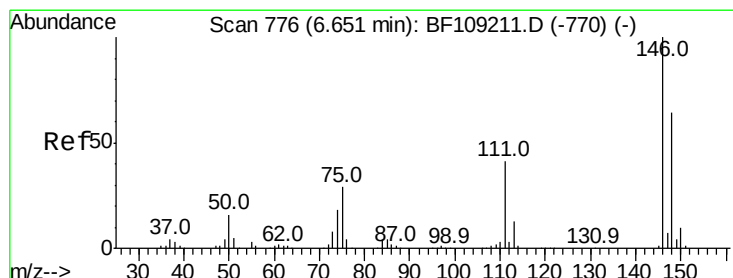
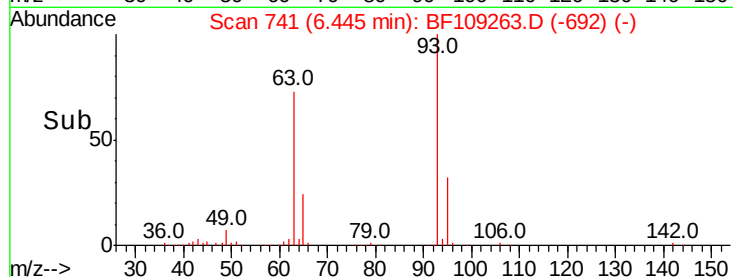
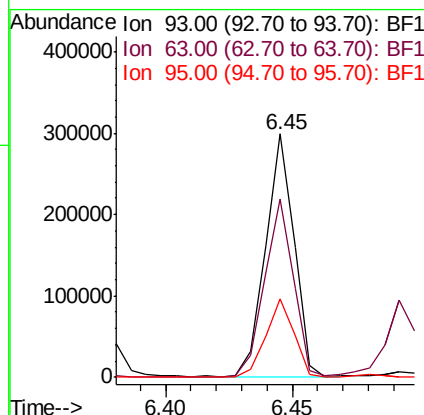
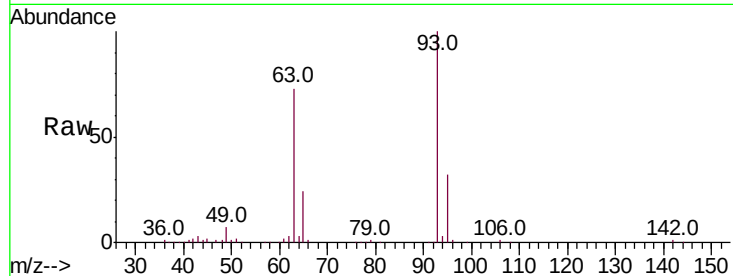
#11
 bis(2-Chloroethyl)ether
 Concen: 26.239 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion:	93	Resp:	234892
Ion Ratio	Lower	Upper	
93	100		
63	73.1	58.6	98.6
95	32.1	11.8	51.8

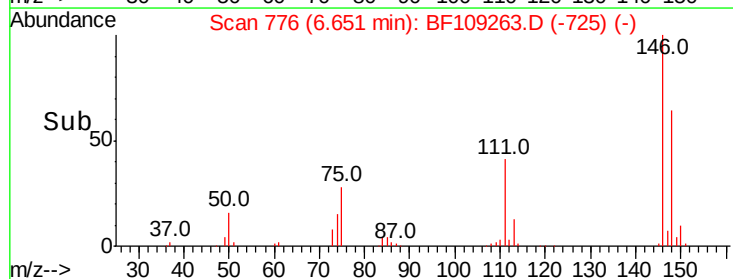
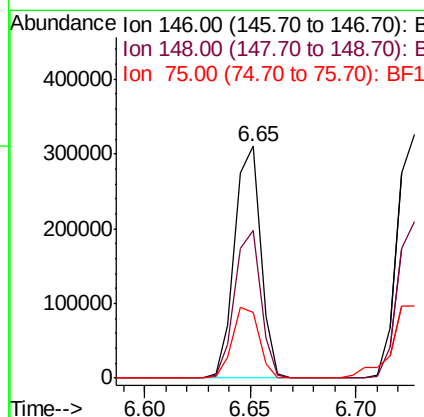
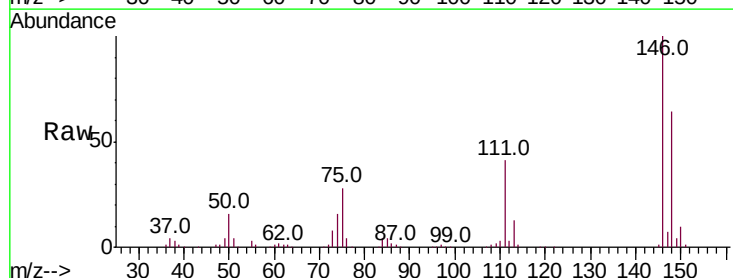
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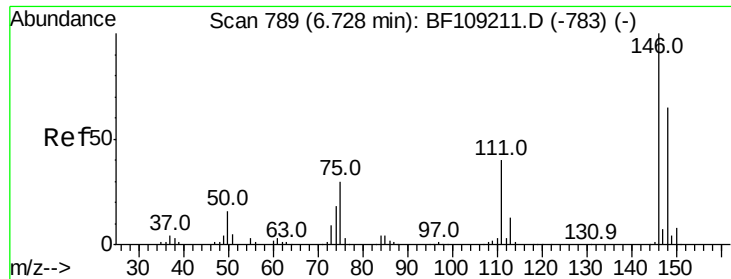
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 26.105 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:	146	Resp:	264612
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	28.1	24.2	36.4





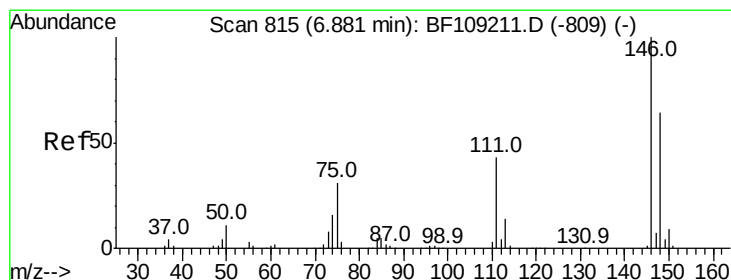
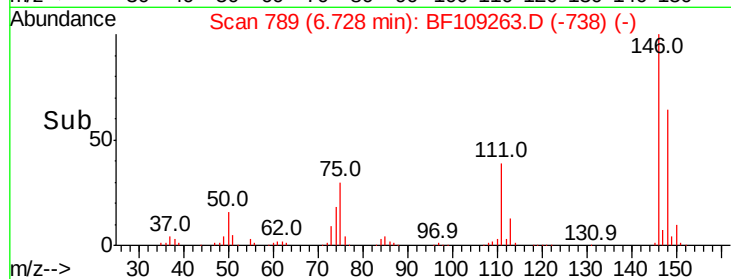
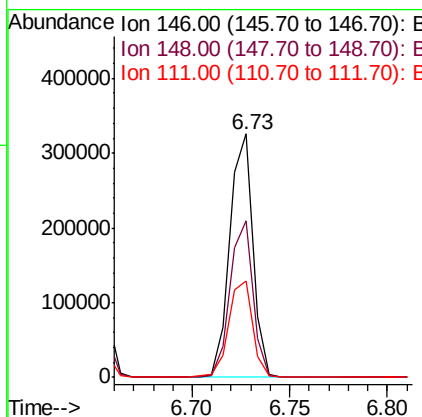
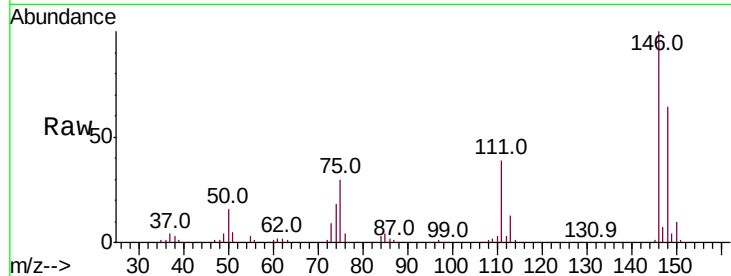
#13
 1,4-Dichlorobenzene
 Concen: 26.216 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.5	34.2	51.2

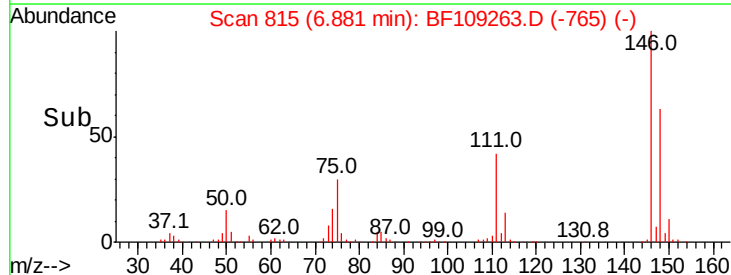
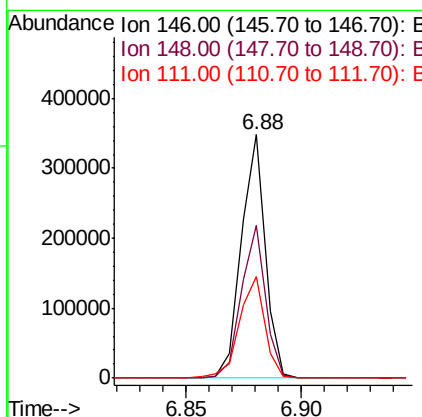
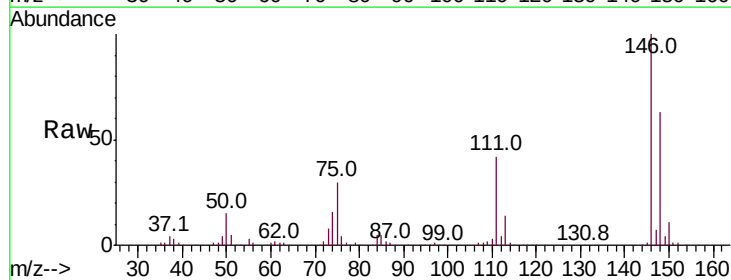
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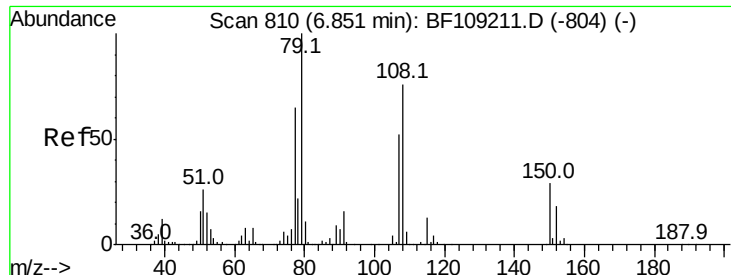
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 26.874 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	42.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.285 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

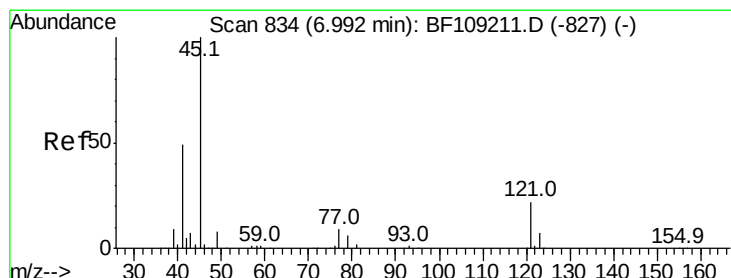
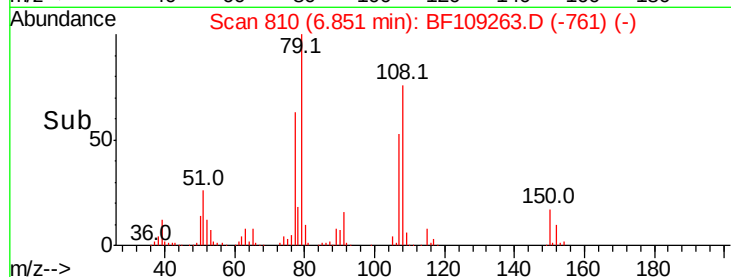
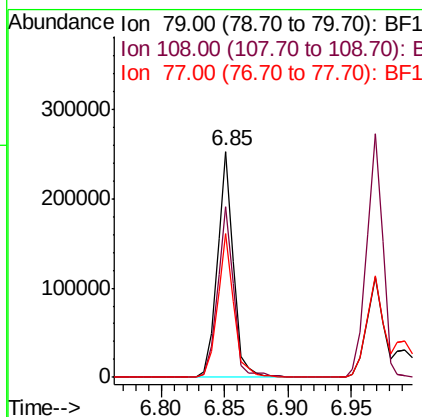
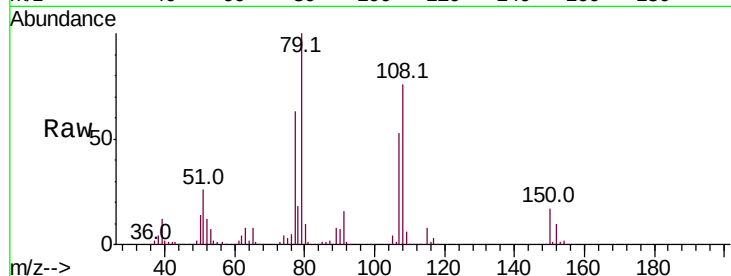
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	79	Resp:	226449
Ion Ratio	Lower	Upper	
79	100		
108	75.6	65.1	97.7
77	63.5	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.351 ng

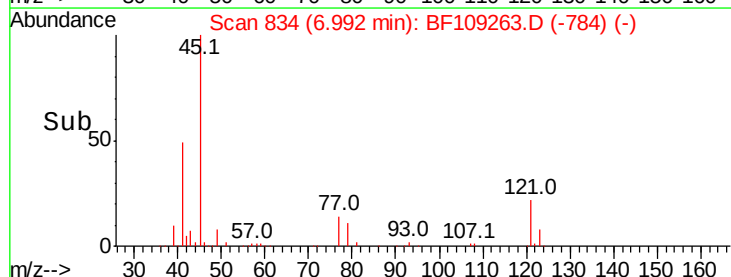
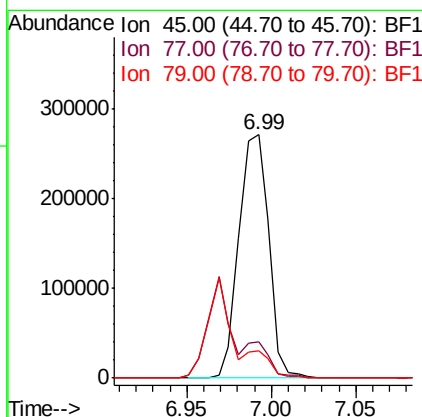
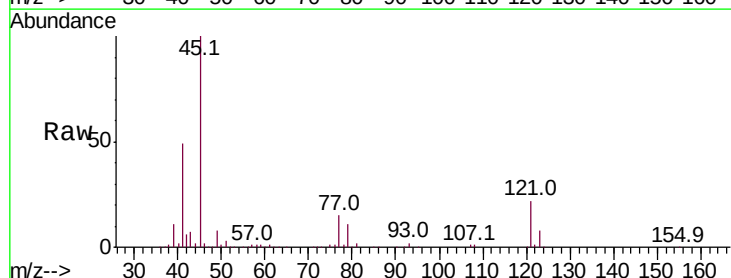
RT: 6.99 min Scan# 834

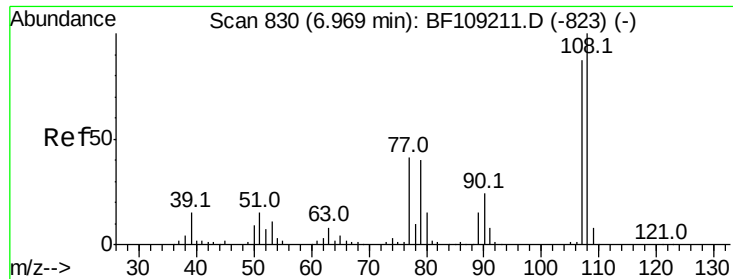
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	45	Resp:	334606
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	32.9
79	11.5	0.0	29.6





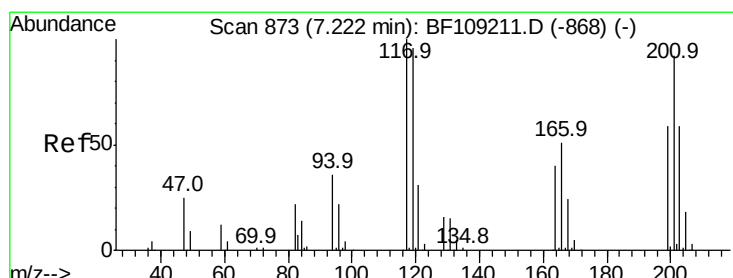
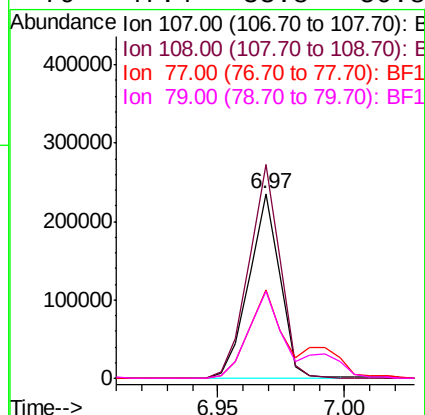
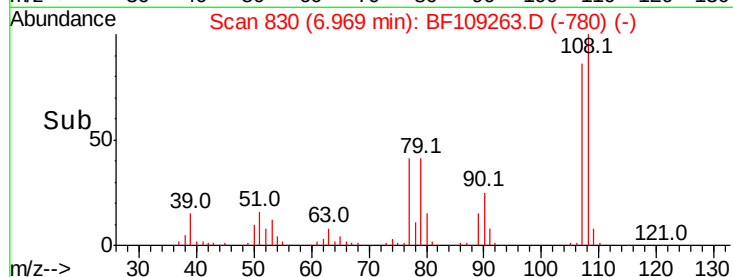
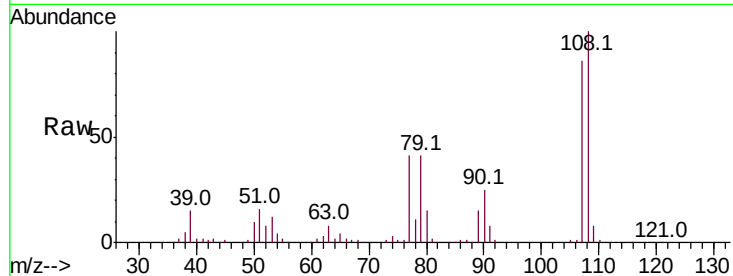
#17
2-Methylphenol
Concen: 28.457 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	202713		
108	115.9	91.7	137.5	
77	48.1	33.8	50.8	
79	47.4	33.8	50.8	

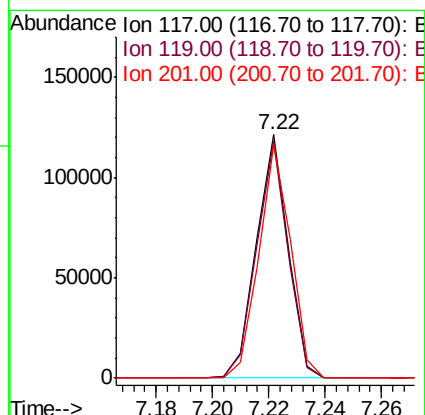
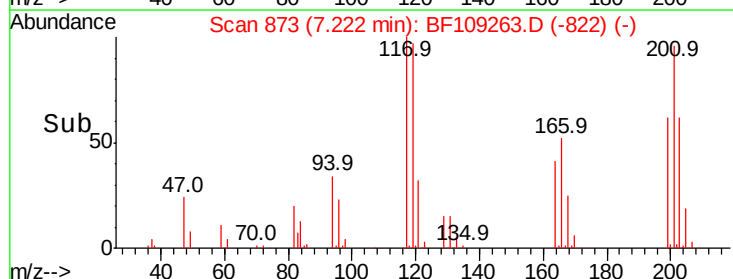
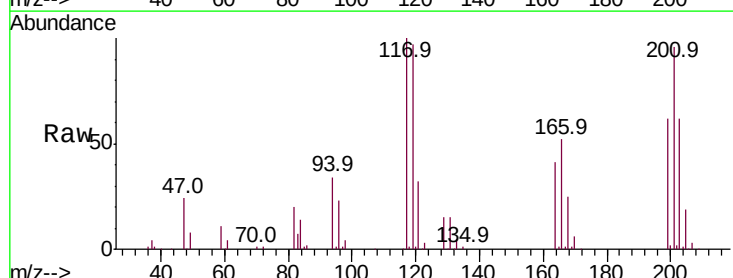
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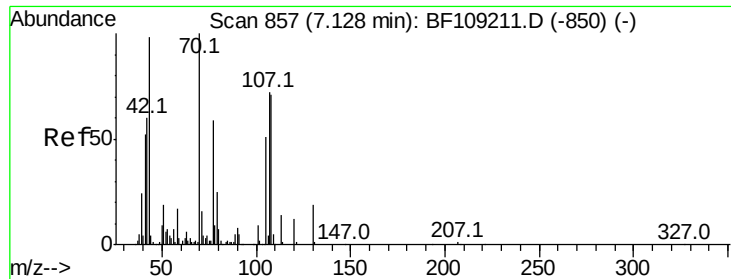
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#18
Hexachloroethane
Concen: 26.282 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	94558		
119	97.5	75.8	113.8	
201	95.9	75.7	113.5	





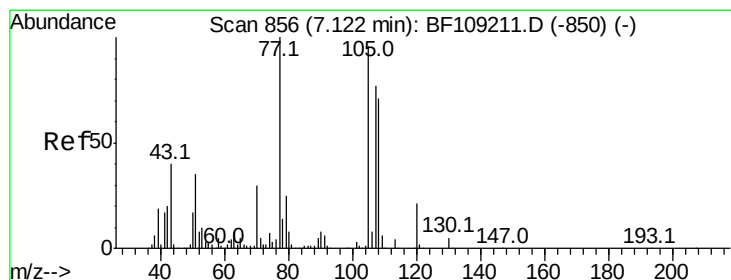
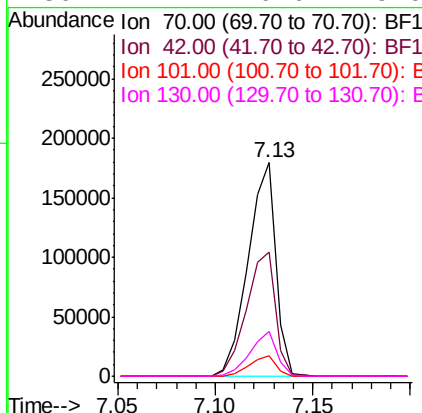
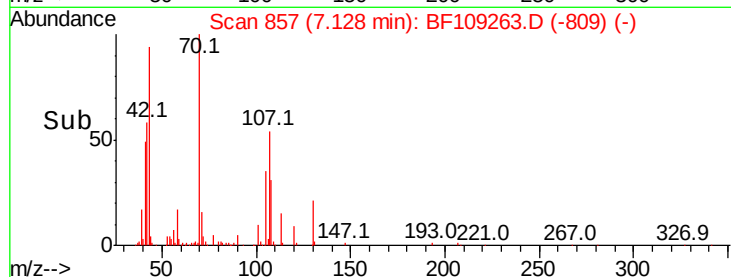
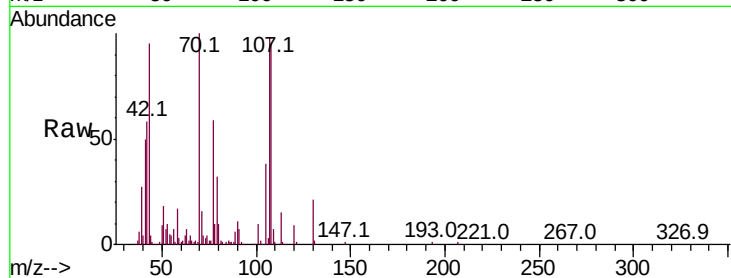
#19
n-Nitroso-di-n-propylamine
Concen: 26.668 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.2		47.5	71.3	
101	9.7		7.4	11.2	
130	21.1		16.6	25.0	

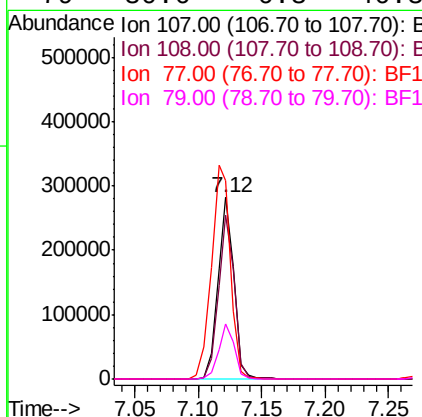
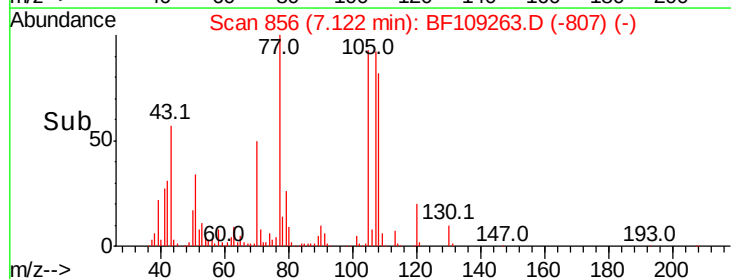
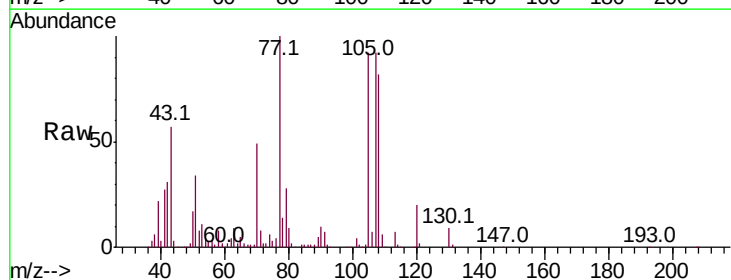
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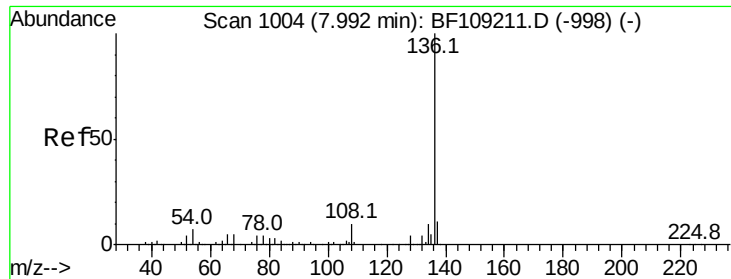
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#20
3+4-Methylphenols
Concen: 29.171 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0		68.2	108.2	
77	109.3		26.7	66.7#	
79	30.6		6.3	46.3	





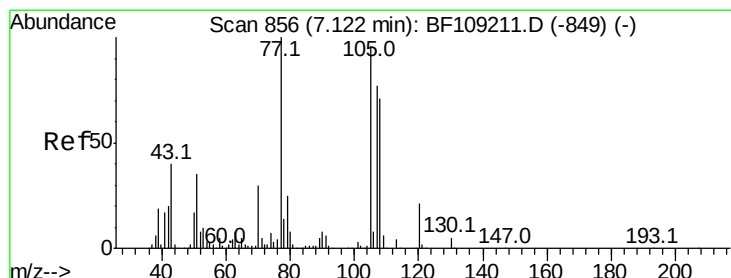
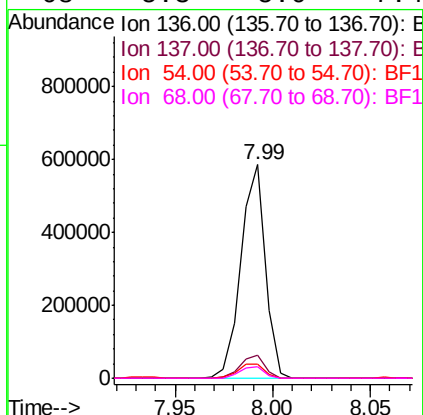
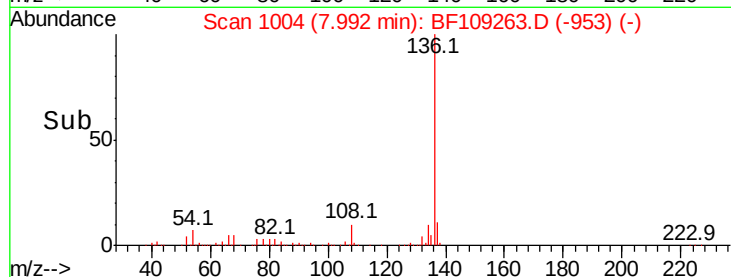
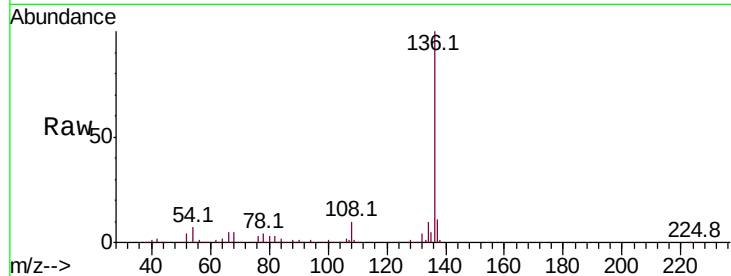
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	507838		
137	10.6		8.9	13.3
54	6.6		6.6	9.8
68	5.3		5.0	7.4

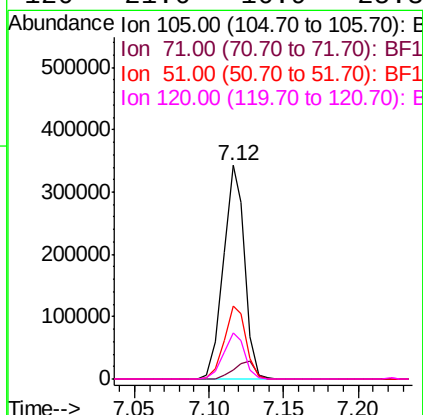
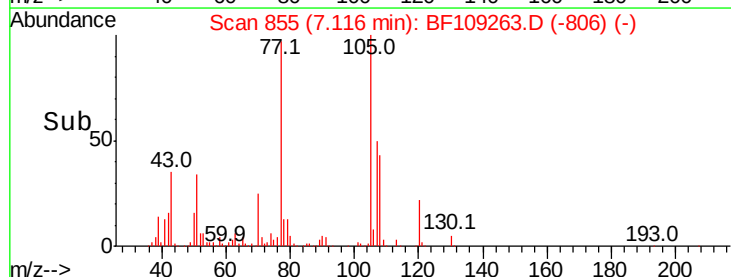
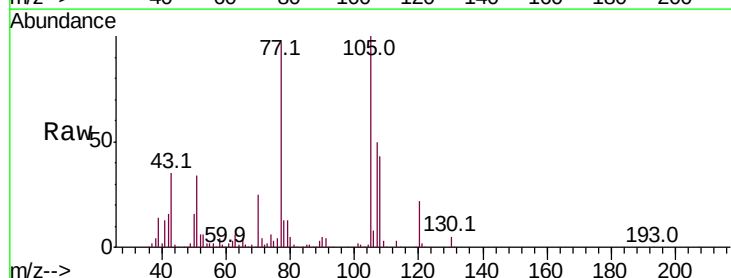
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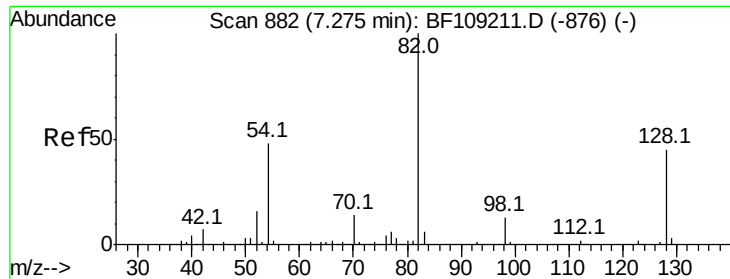
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#22
Acetophenone
Concen: 29.270 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	343668		
71	4.2		4.4	6.6#
51	34.5		22.3	33.5#
120	21.6		16.9	25.3





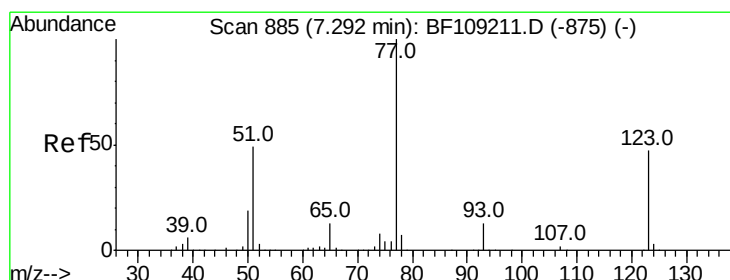
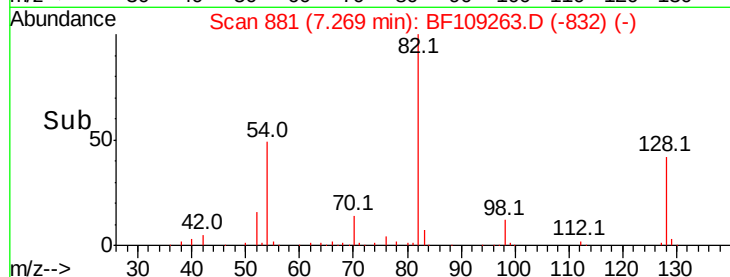
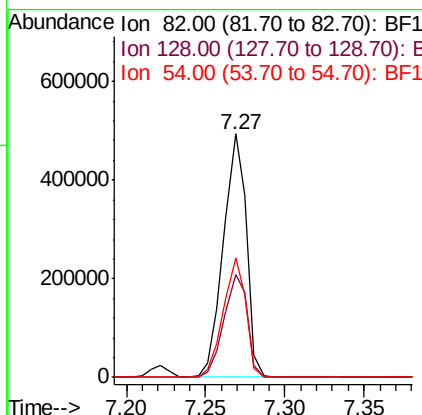
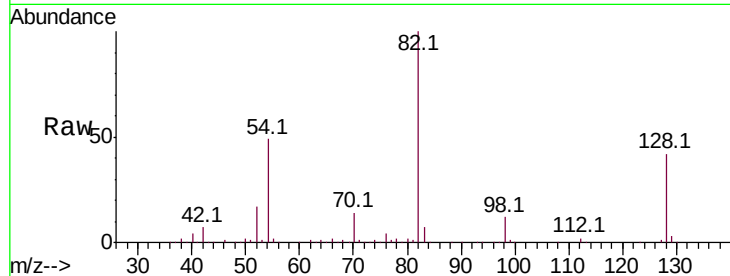
#23
 Nitrobenzene-d5
 Concen: 57.693 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	49.1	41.4	62.2

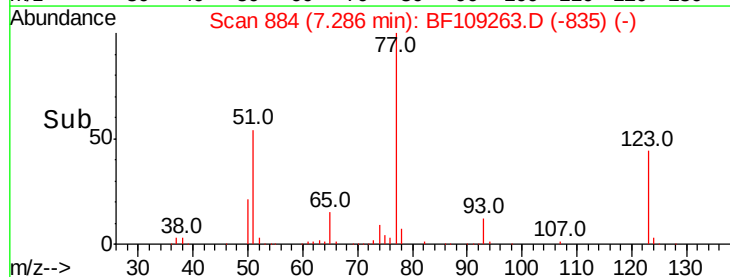
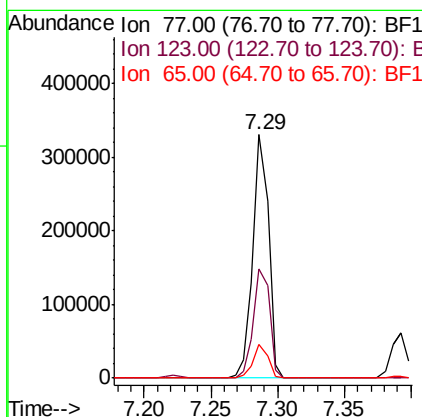
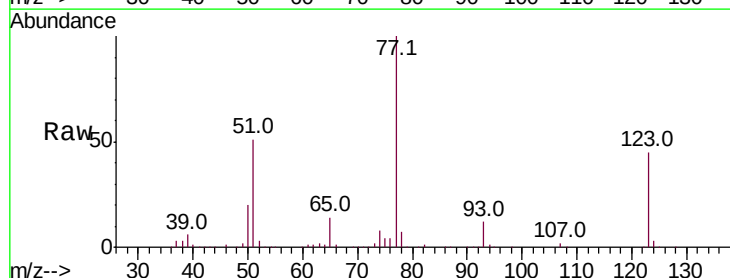
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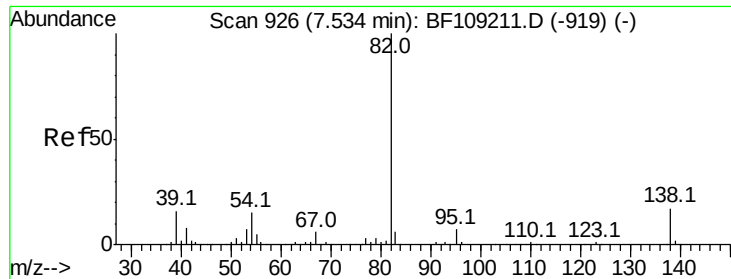
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#24
 Nitrobenzene
 Concen: 29.129 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 31.496 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

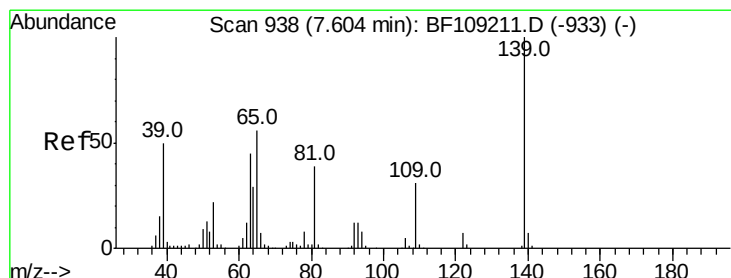
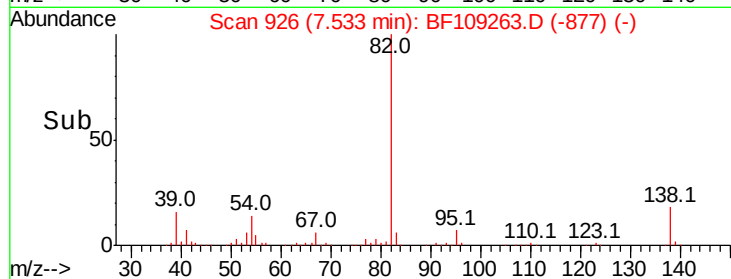
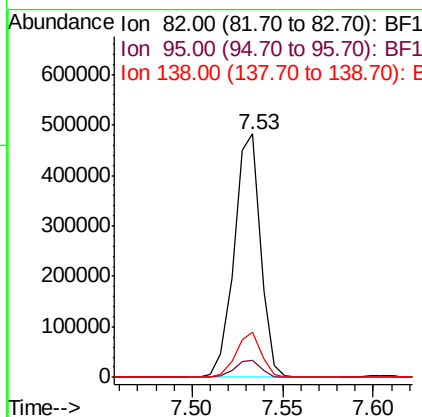
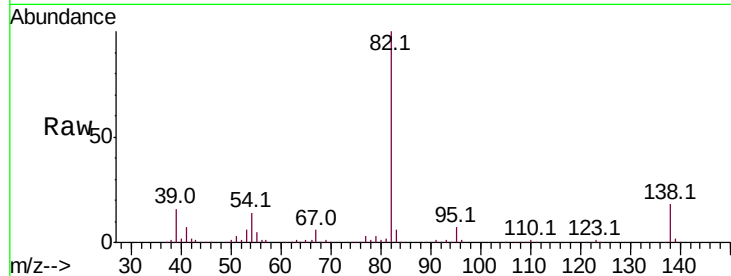
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	82	Resp:	487923
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 34.250 ng

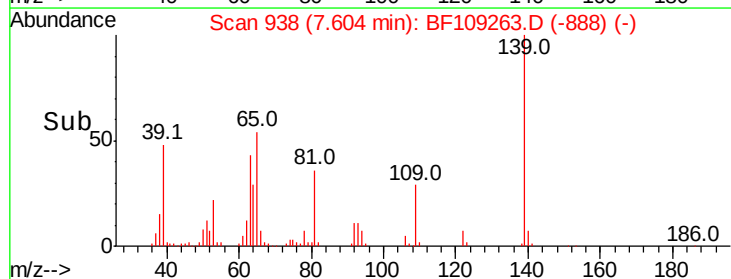
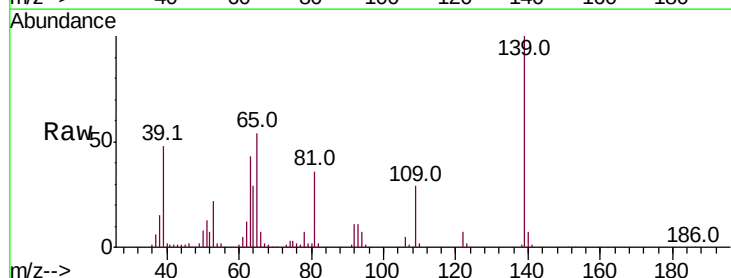
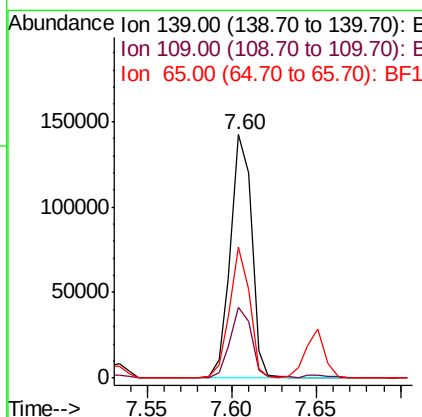
RT: 7.60 min Scan# 938

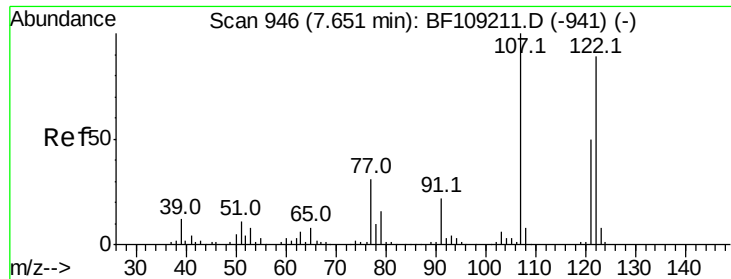
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	139	Resp:	123897
Ion Ratio	Lower	Upper	
139	100		
109	29.3	22.7	34.1
65	54.0	40.5	60.7





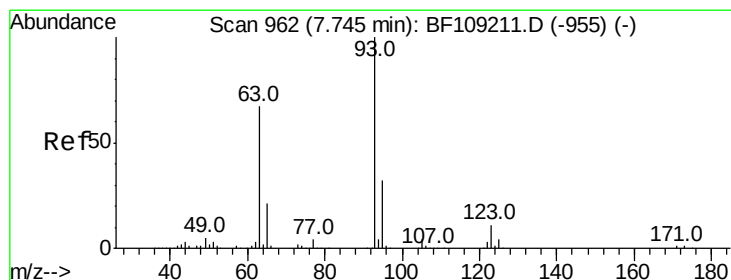
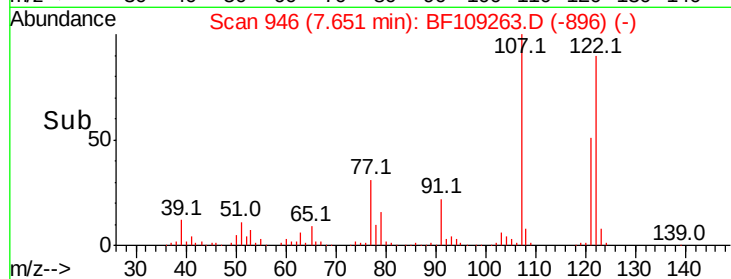
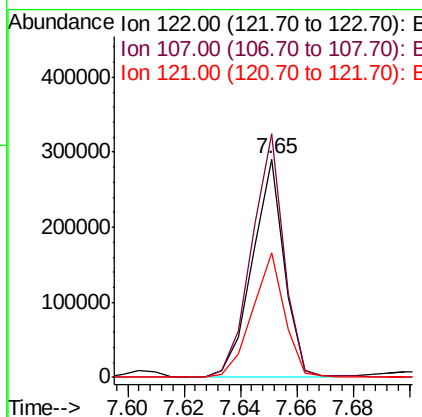
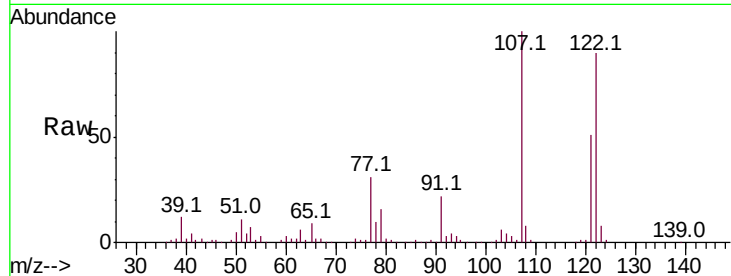
#27
2,4-Dimethylphenol
Concen: 33.986 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	91.2	136.8
121	57.2	47.2	70.8

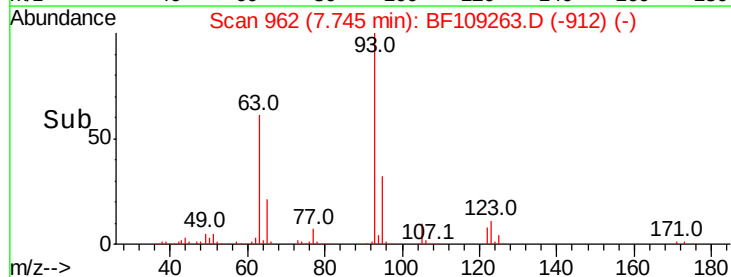
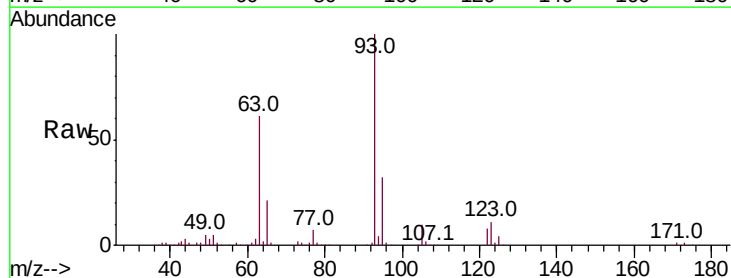
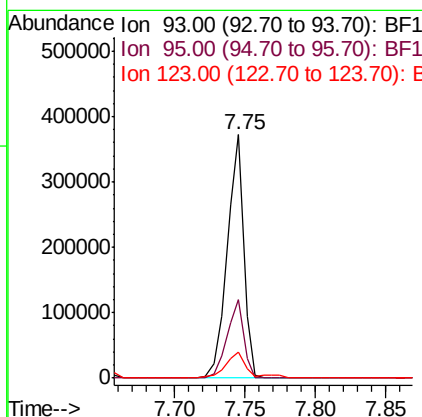
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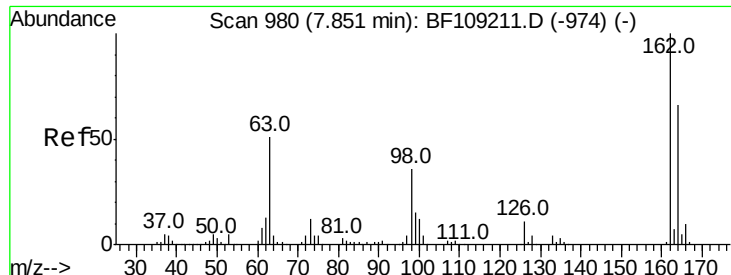
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#28
bis(2-Chloroethoxy)methane
Concen: 29.588 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	10.9	9.8	14.6





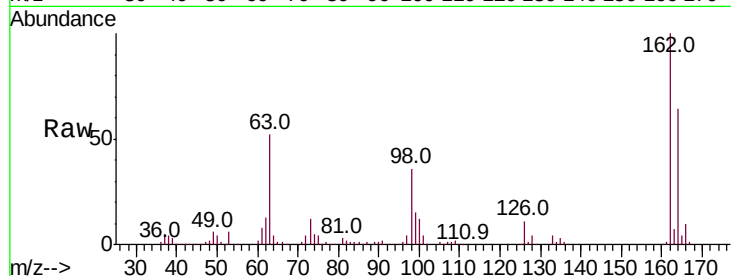
#29
 2,4-Dichlorophenol
 Concen: 30.585 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

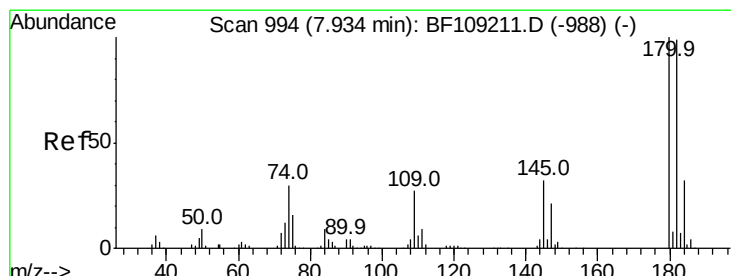
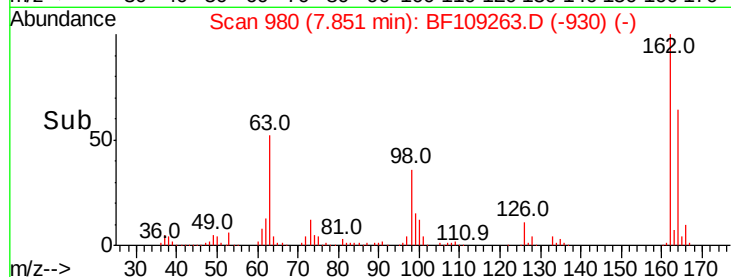
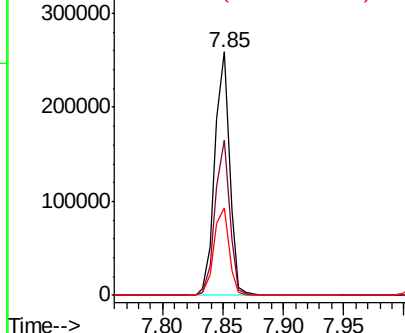
Tot Ion:	162	Resp:	216910
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.7	82.7
98	35.9	18.1	58.1

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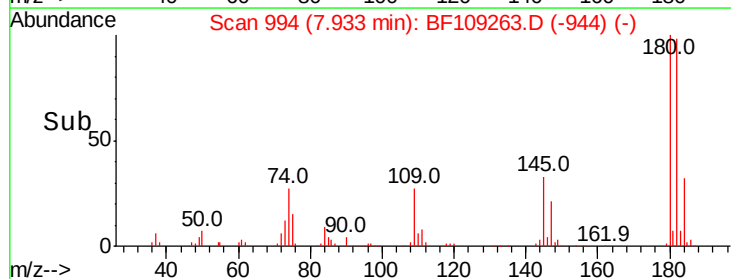
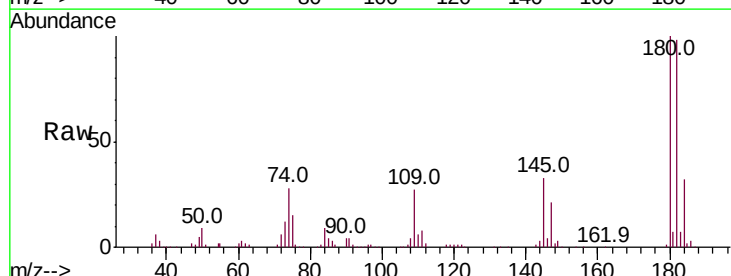
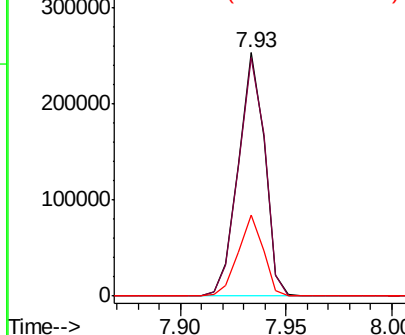
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

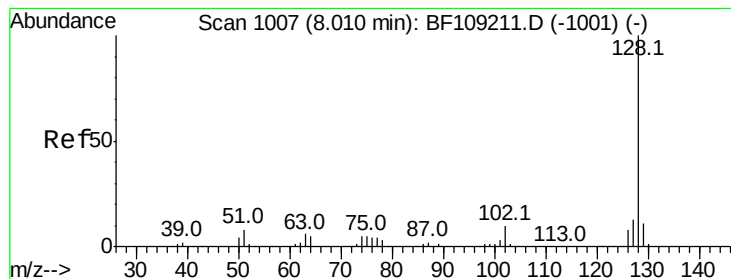


#30
 1,2,4-Trichlorobenzene
 Concen: 27.499 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:	180	Resp:	217919
Ion Ratio	Lower	Upper	
180	100		
182	98.2	76.8	115.2
145	33.0	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: 30.165 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

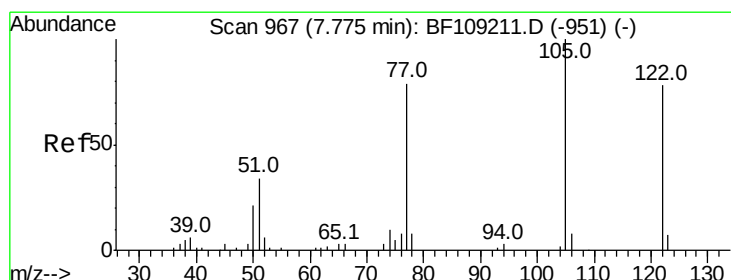
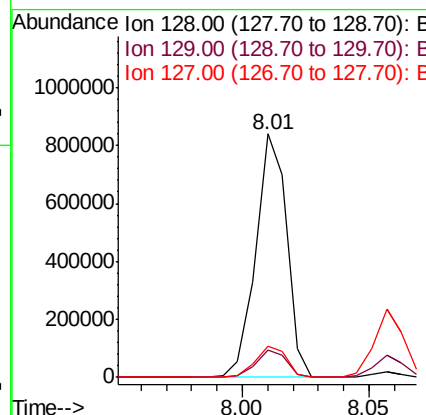
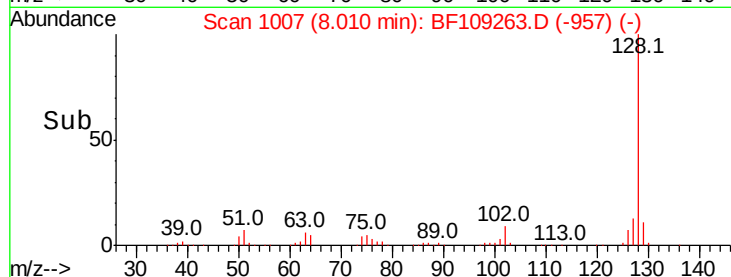
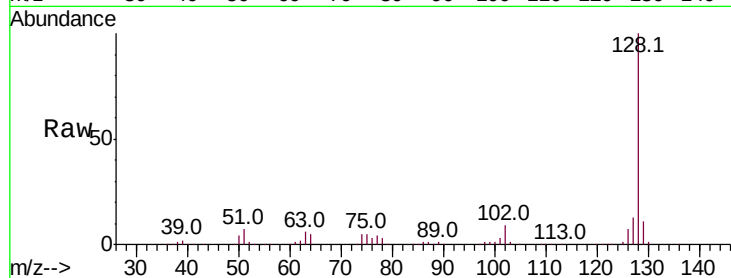
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	128	Resp:	715854
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 33.601 ng

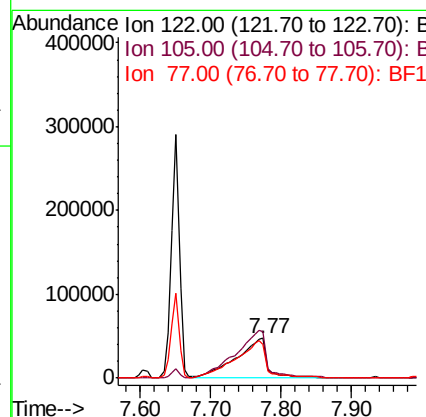
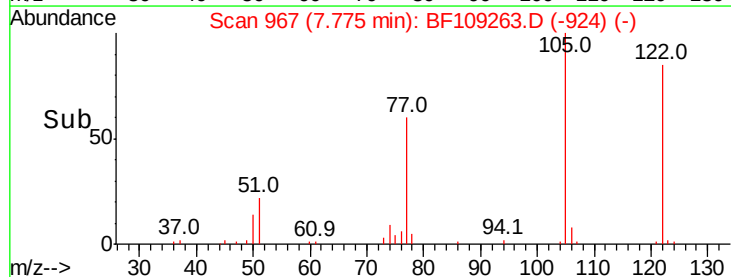
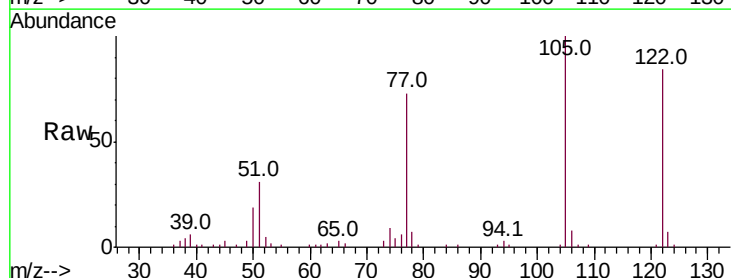
RT: 7.77 min Scan# 967

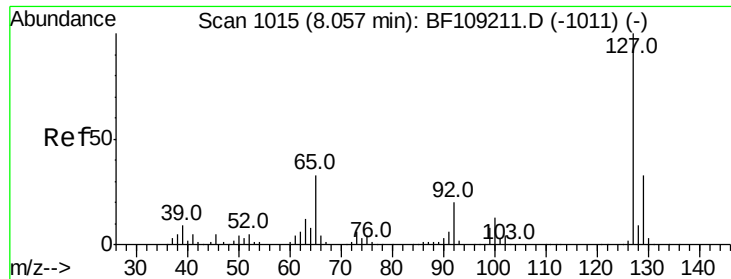
Delta R.T. -0.05 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	122	Resp:	143232
Ion Ratio	Lower	Upper	
122	100		
105	118.6	101.1	141.1
77	86.1	70.7	110.7





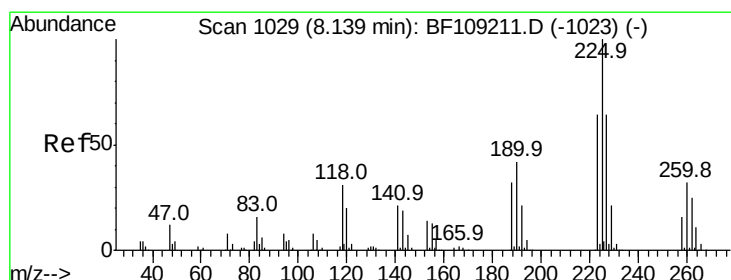
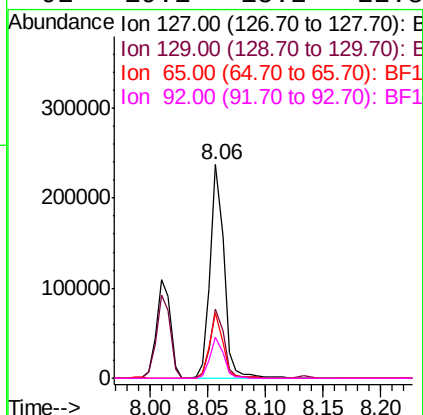
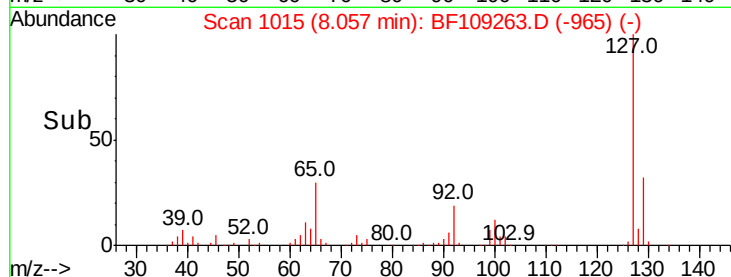
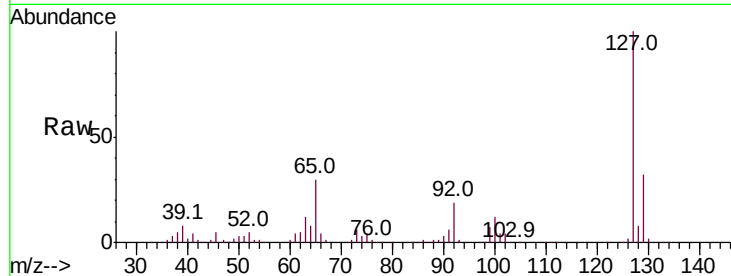
#33
4-Chloroaniline
Concen: 19.269 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.5	25.0	37.4
92	19.1	15.2	22.8

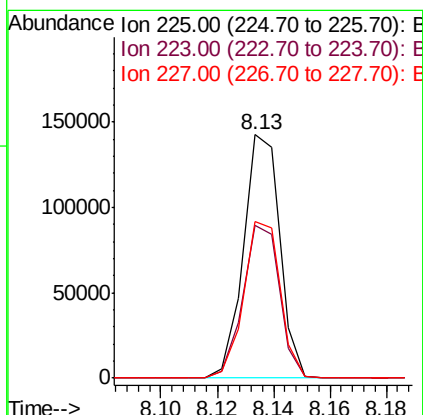
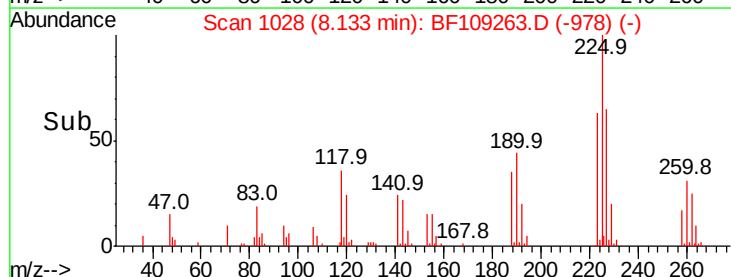
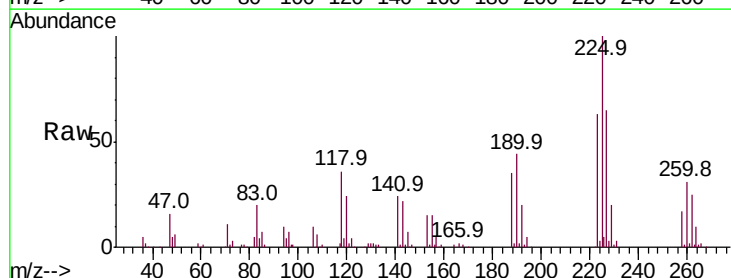
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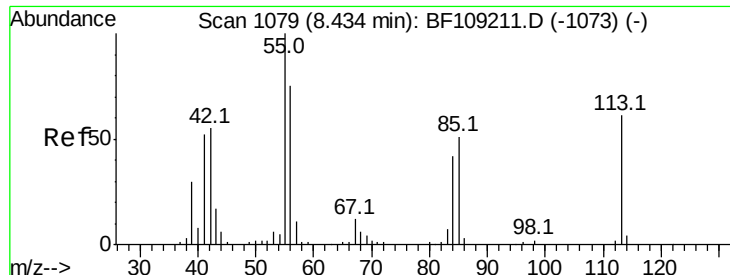
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#34
Hexachlorobutadiene
Concen: 26.632 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.5	51.9	77.9





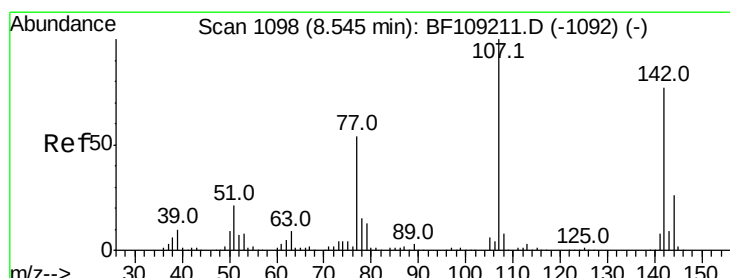
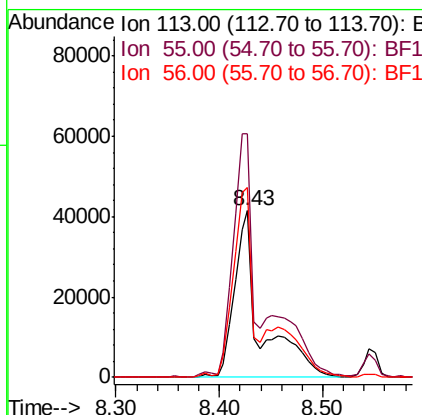
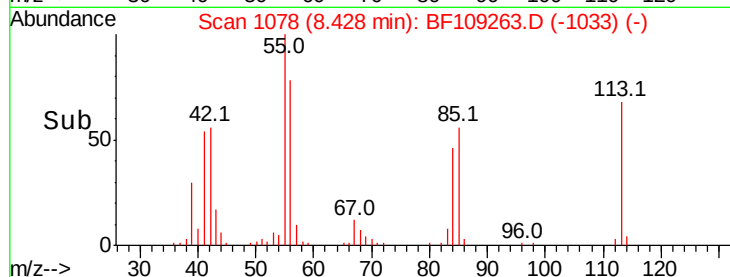
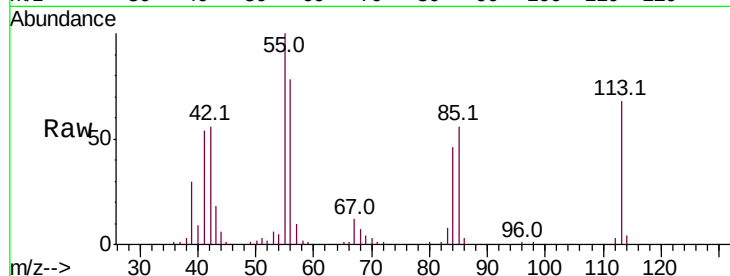
#35
 Caprolactam
 Concen: 32.414 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.04 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.2	163.3	203.3#
56	113.6	115.7	155.7#

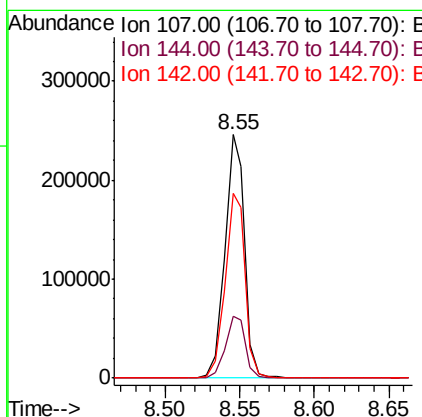
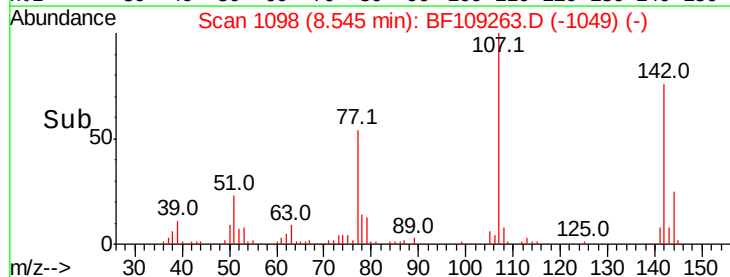
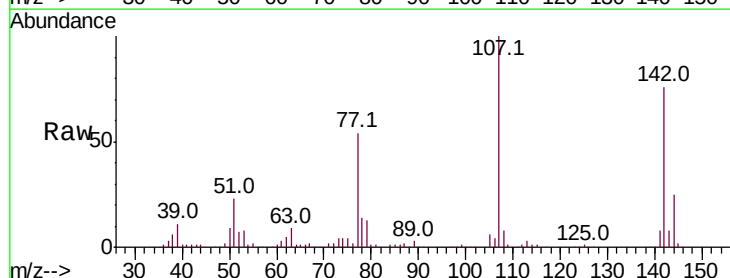
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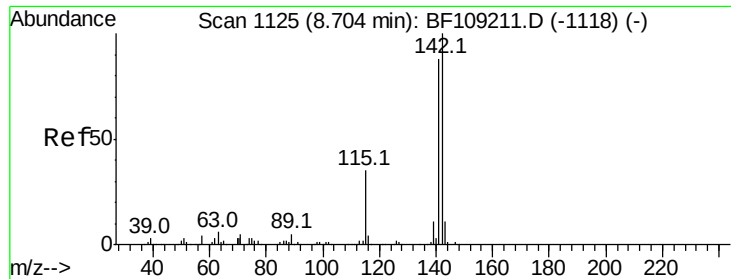
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#36
 4-Chloro-3-methylphenol
 Concen: 30.707 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.5	30.7
142	76.0	62.0	93.0





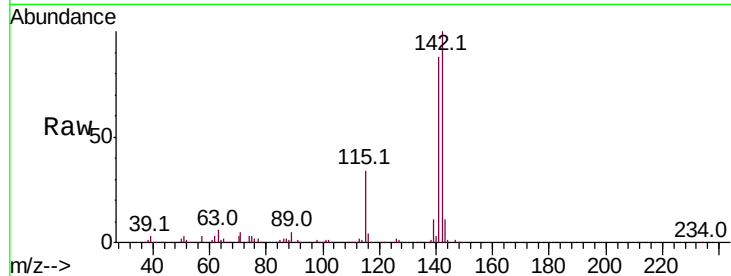
#37
2-Methylnaphthalene
Concen: 31.762 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	34.2	26.1	39.1

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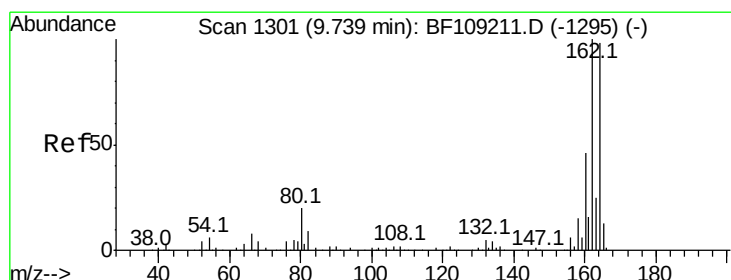
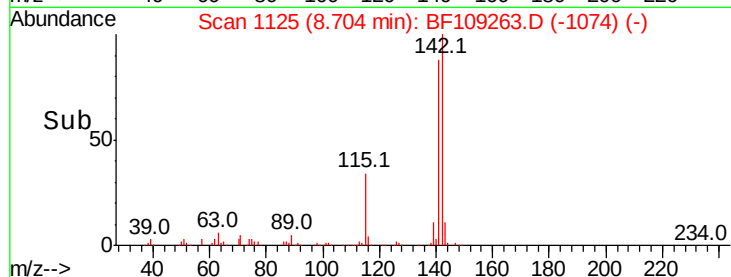
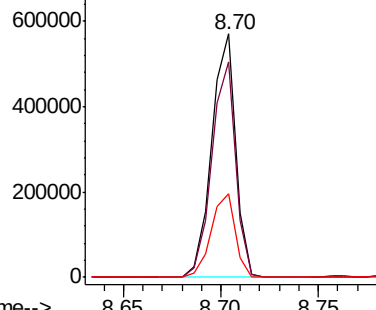


Abundance

Ion 142.00 (141.70 to 142.70): E

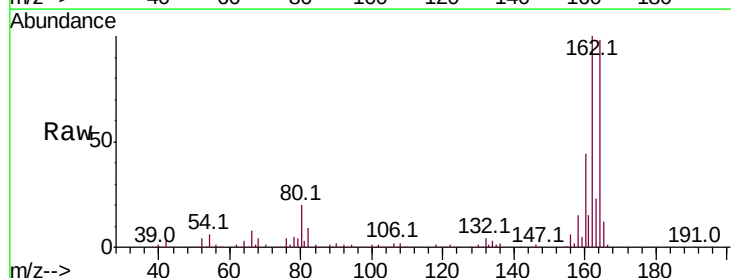
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.4	38.3	57.5

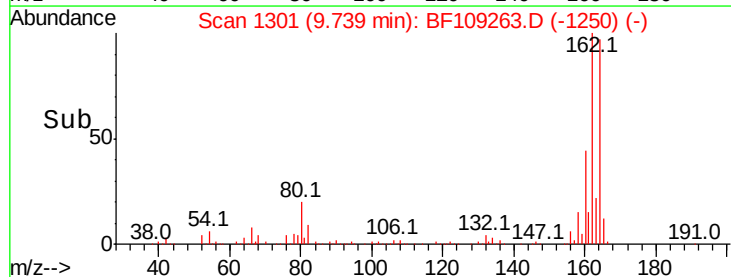
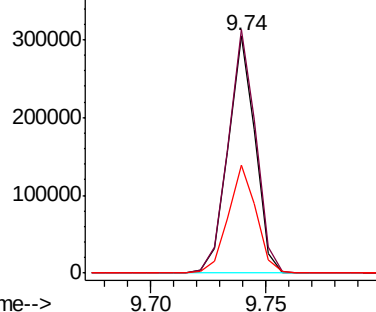


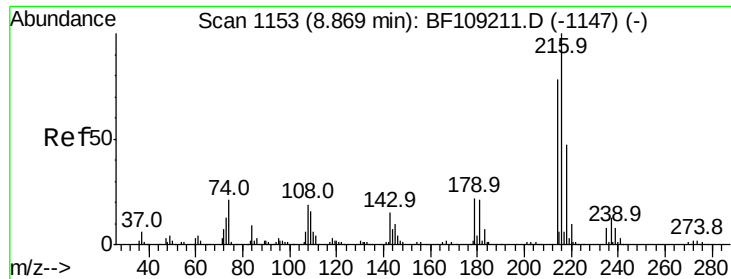
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





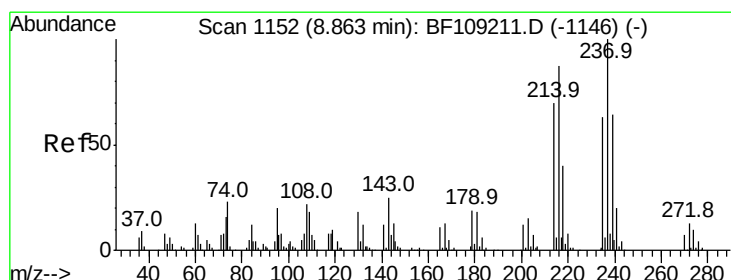
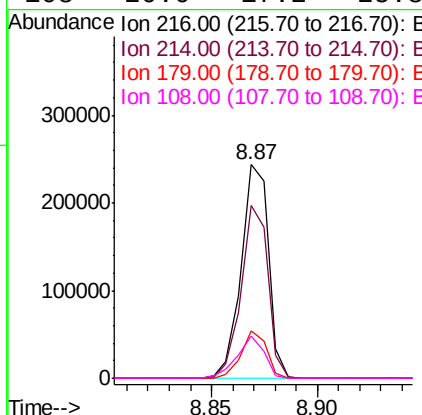
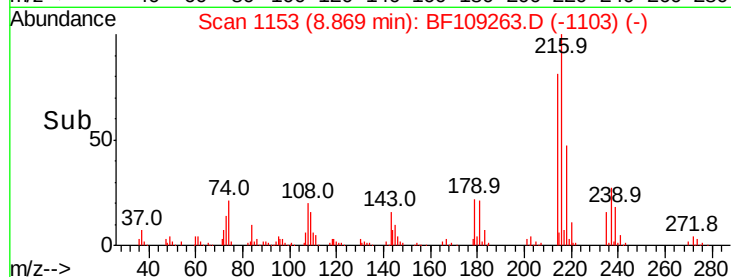
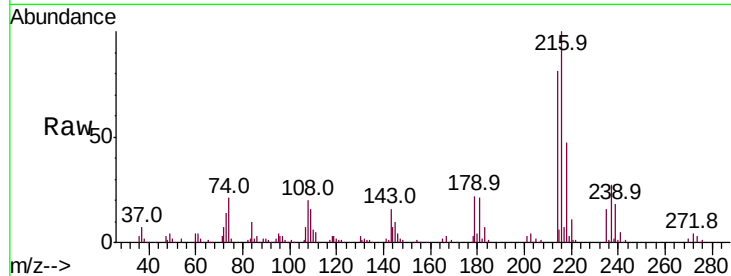
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.482 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	218783		
214	78.9	63.0	94.4	
179	20.6	18.1	27.1	
108	20.0	17.2	25.8	

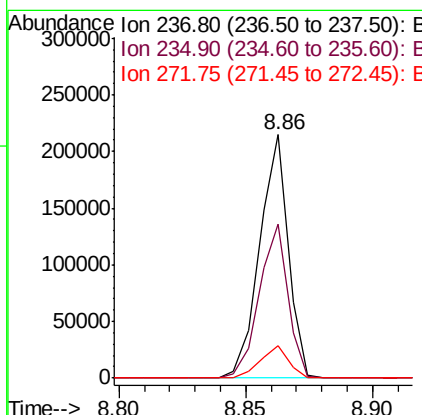
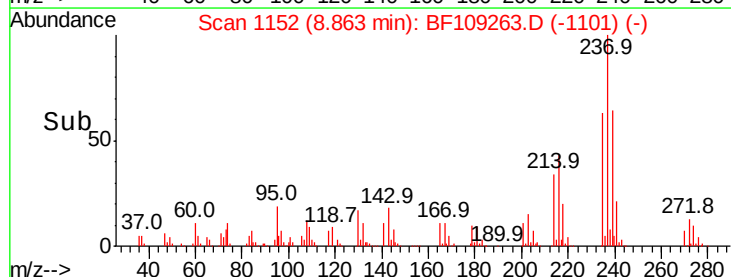
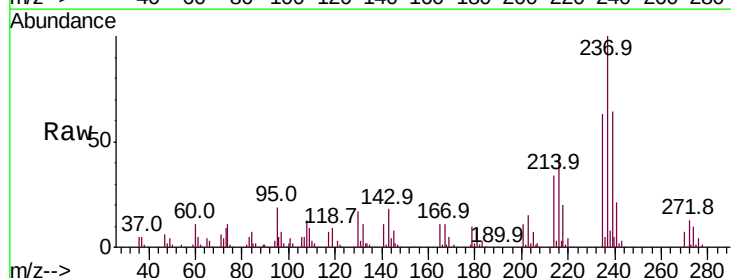
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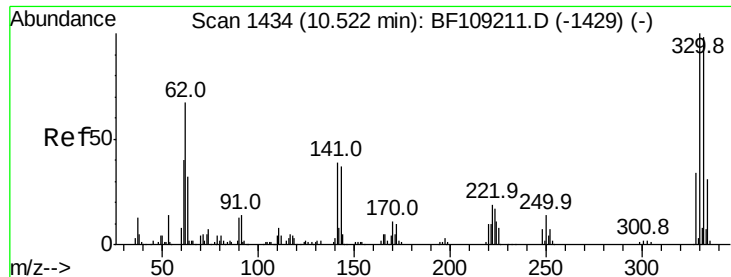
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#40
 Hexachlorocyclopentadiene
 Concen: 48.897 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	169783		
235	63.1	44.8	84.8	
272	13.2	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 89.561 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

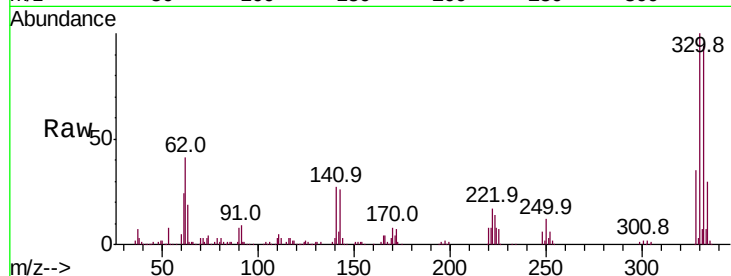
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Tot Ion:	330	Resp:	220847
Ion Ratio	Lower	Upper	
330	100		
332	94.6	77.0	115.6
141	33.2	29.9	44.9

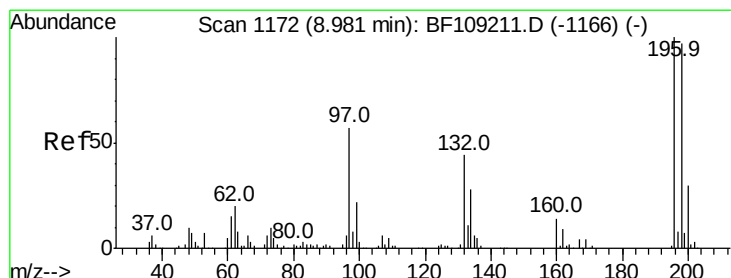
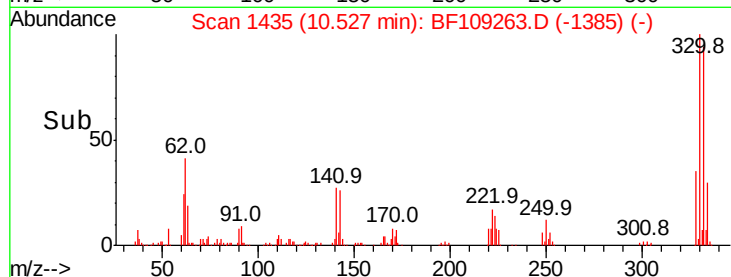
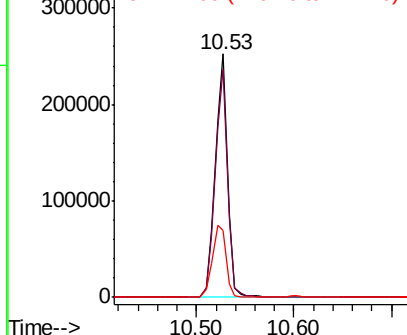
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 30.771 ng

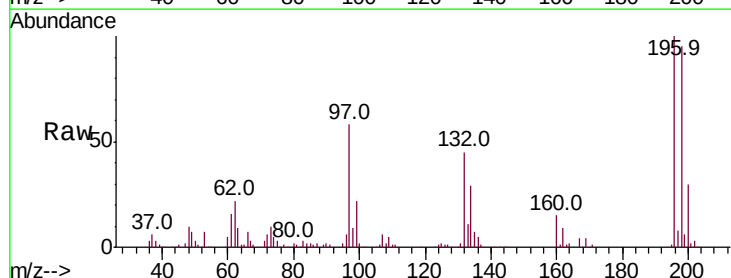
RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

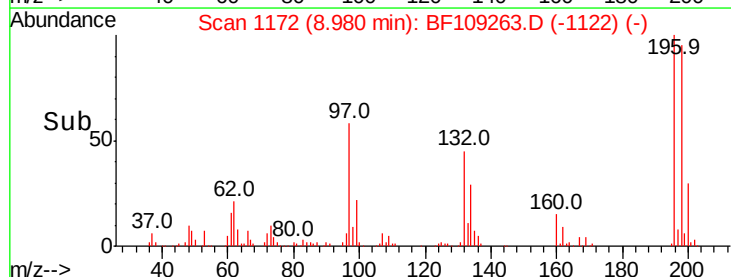
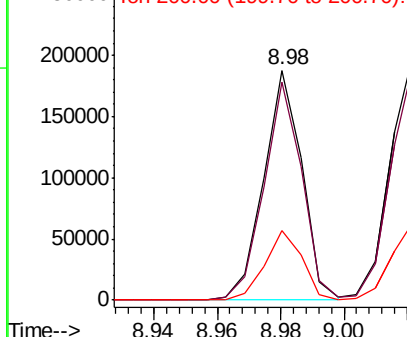
Lab File: BF109263.D

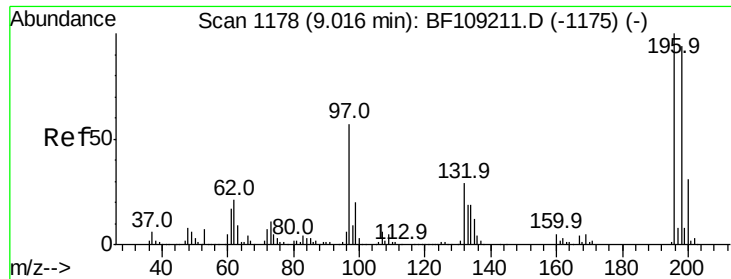
Acq: 24 Sep 2018 13:23

Tgt Ion:	196	Resp:	157217
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
200	30.5	24.5	36.7



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





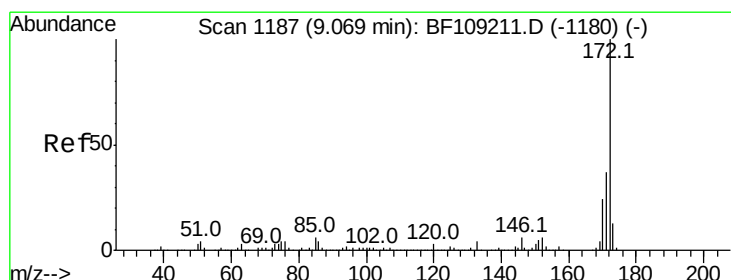
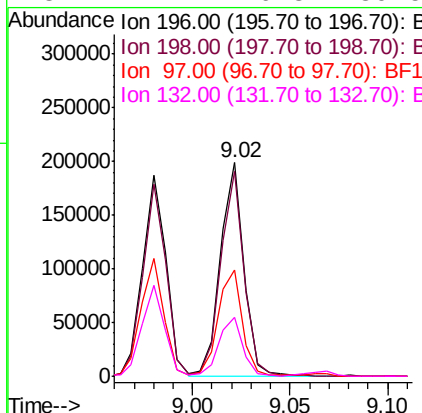
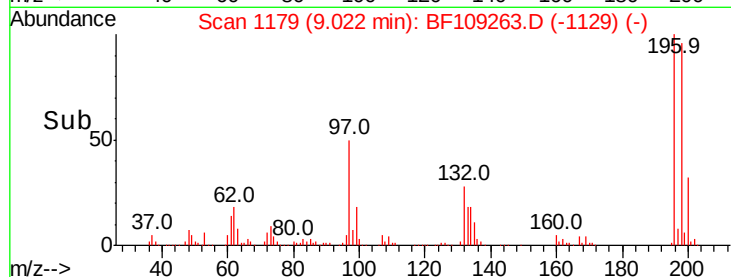
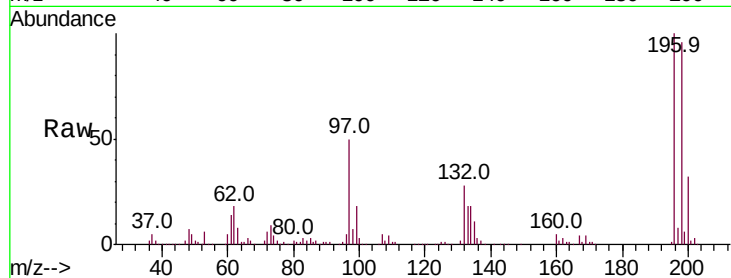
#43
 2,4,5-Trichlorophenol
 Concen: 30.663 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165460		
198	95.7	74.6	112.0	
97	49.6	42.9	64.3	
132	27.7	26.3	39.5	

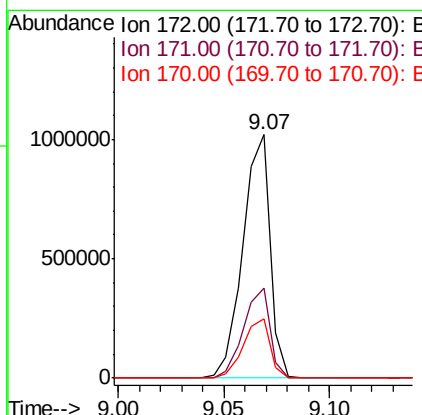
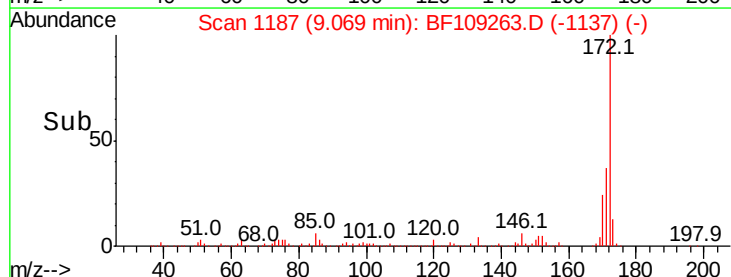
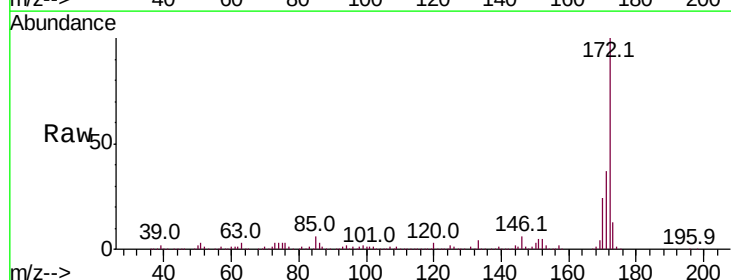
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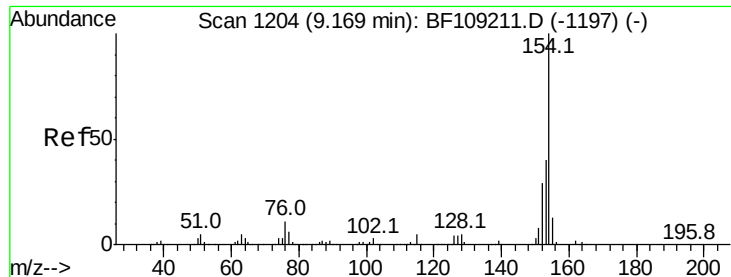
Sohil
 9/25/2018 9:57:11 AM



#44
 2-Fluorobiphenyl
 Concen: 54.929 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	911031		
171	37.0	29.7	44.5	
170	24.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 28.807 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

ClientSampleId :

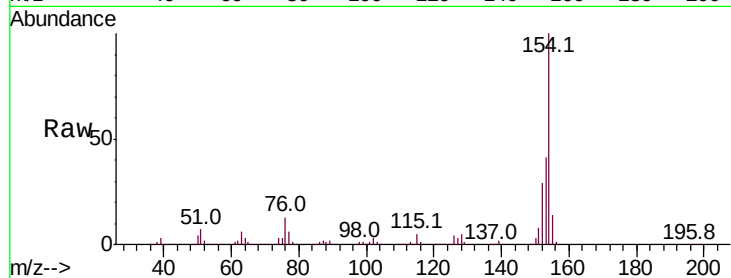
FK-PS-01-041MSD

Tot Ion:	154	Resp:	587108
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	13.1	0.0	34.0

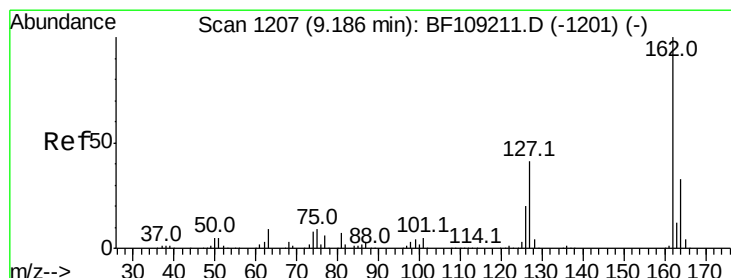
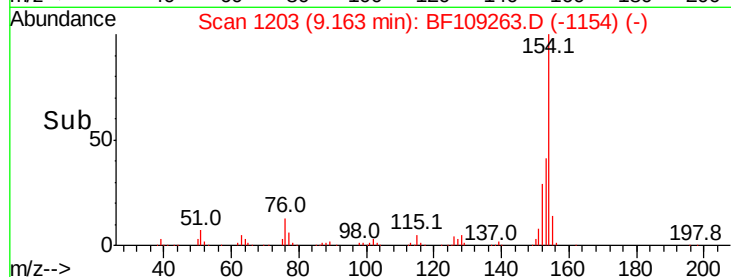
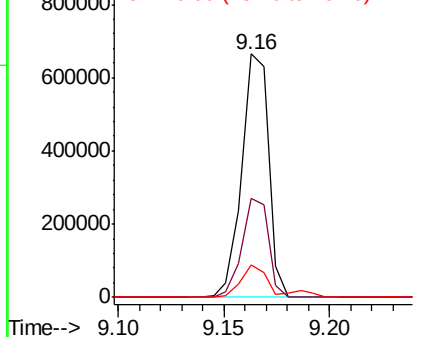
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 27.627 ng

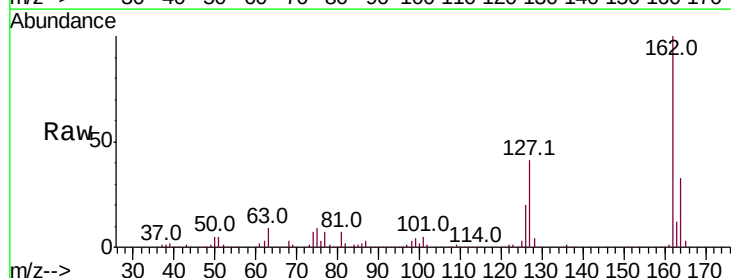
RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

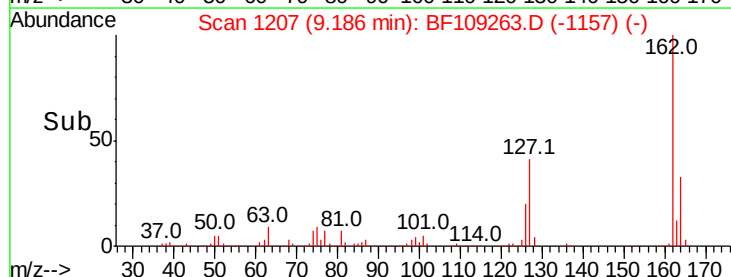
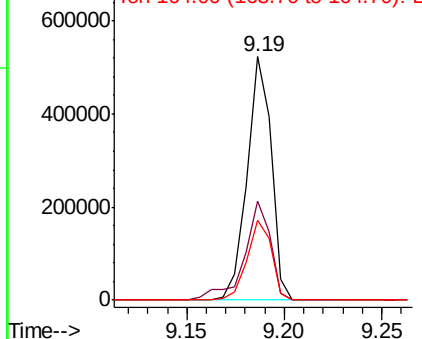
Lab File: BF109263.D

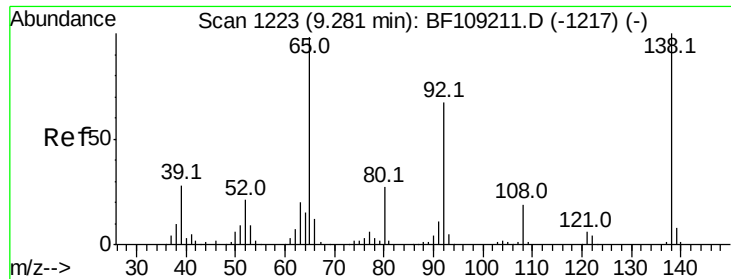
Acq: 24 Sep 2018 13:23

Tgt Ion:	162	Resp:	449817
Ion Ratio	Lower	Upper	
162	100		
127	40.7	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





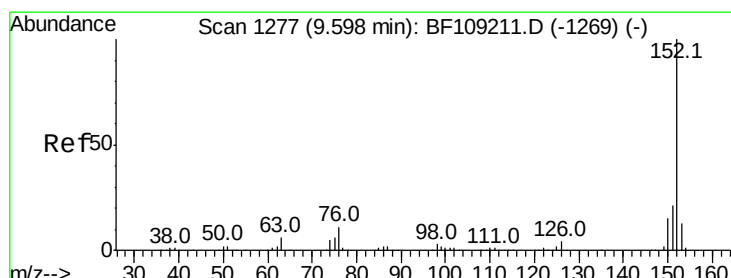
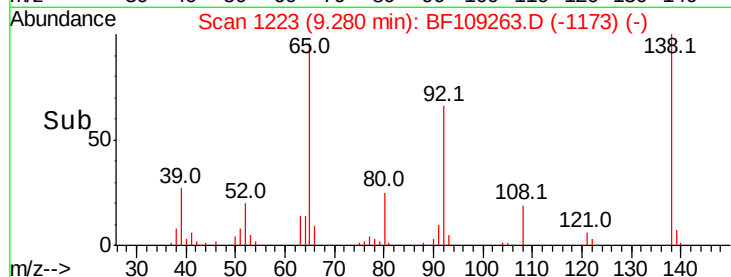
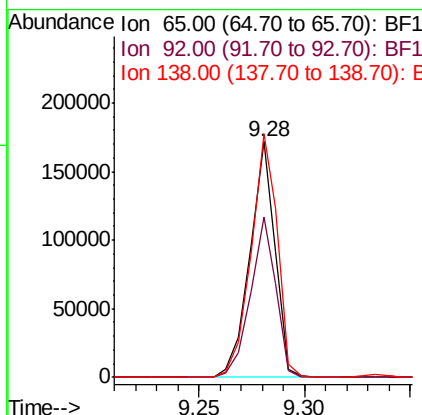
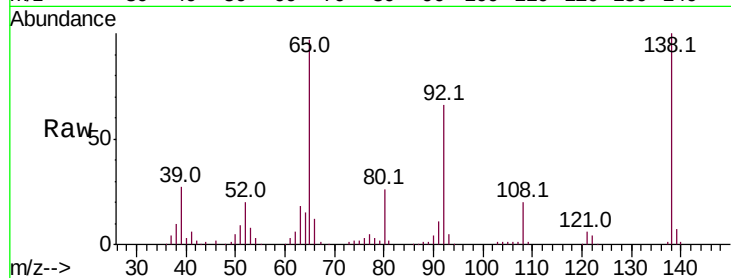
#47
2-Nitroaniline
Concen: 30.779 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.8	83.6
138	103.5	91.2	136.8

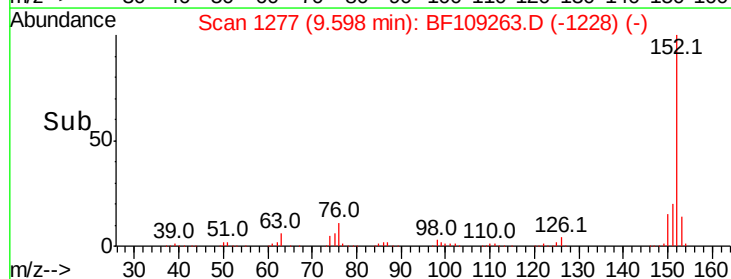
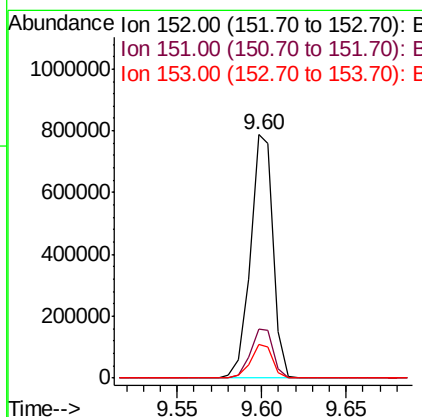
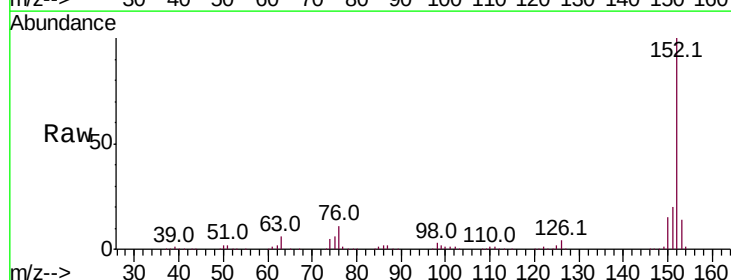
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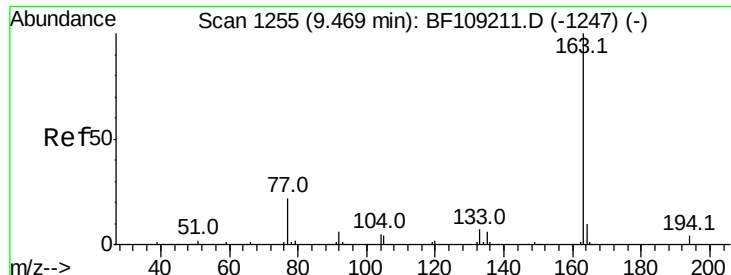
Sohil
9/25/2018 9:57:11 AM



#48
Acenaphthylene
Concen: 30.127 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.7	10.7	16.1





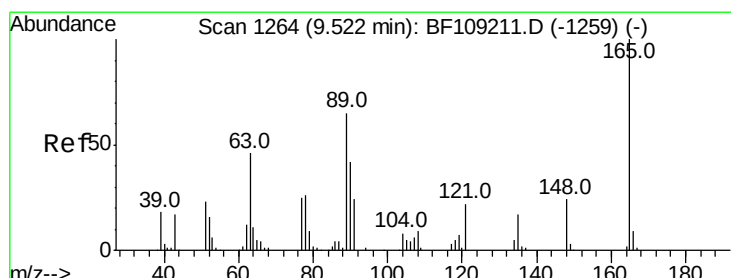
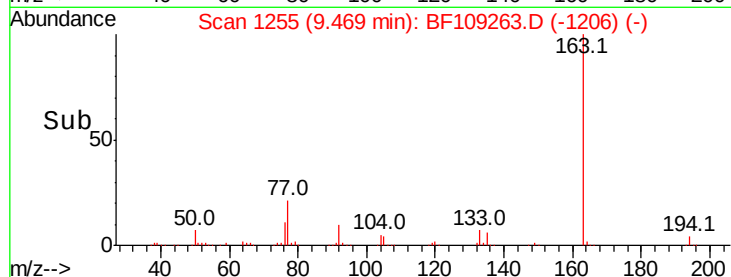
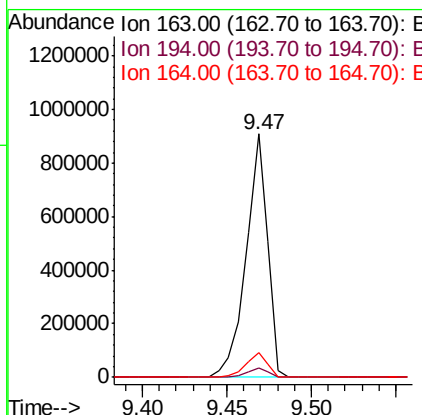
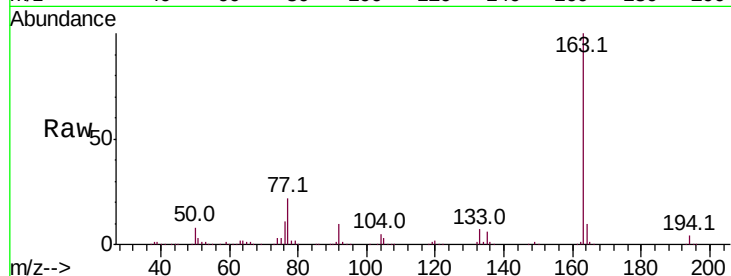
#49
Dimethylphthalate
Concen: 44.552 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	810557		
194	3.8		2.7	4.1
164	10.4		8.2	12.2

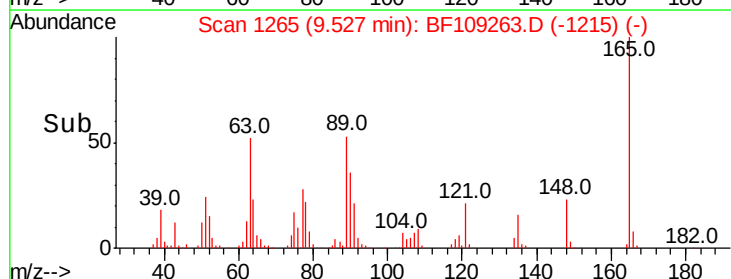
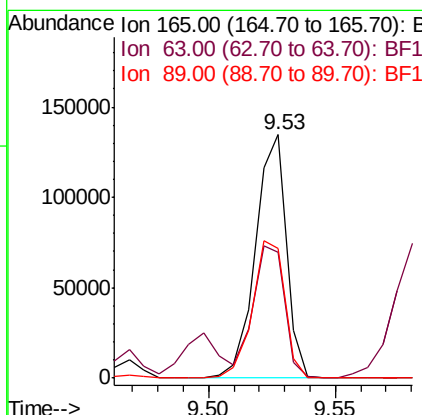
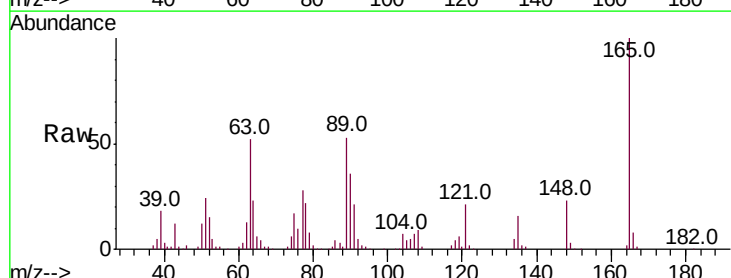
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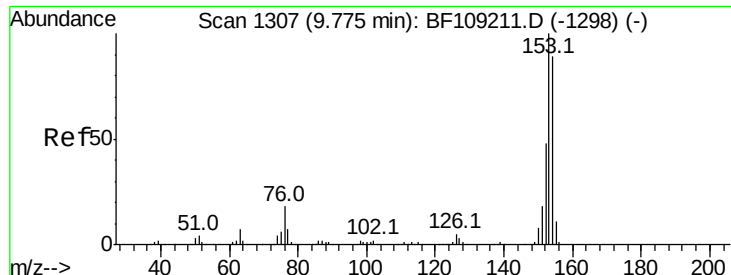
Sohil
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#50
2,6-Dinitrotoluene
Concen: 31.859 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114796		
63	51.7		44.7	67.1
89	53.4		44.0	66.0





#51

Acenaphthene

Concen: 29.090 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

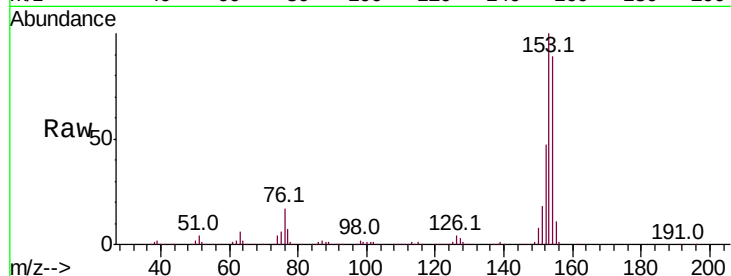
ClientSampleId :

FK-PS-01-041MSD

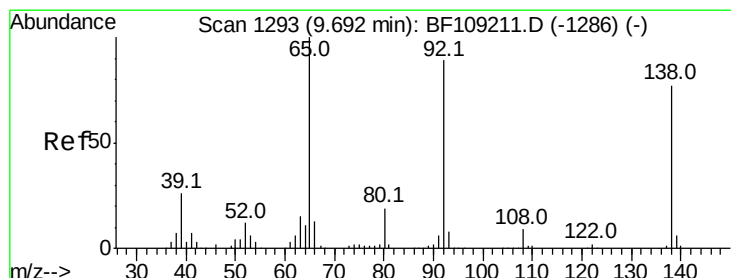
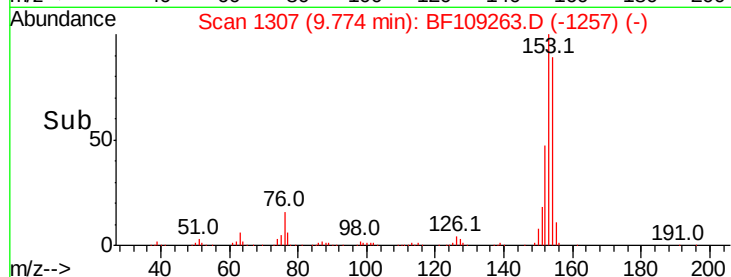
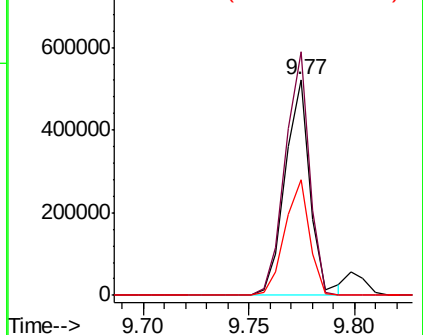
Tot Ion:	154	Resp:	431985
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.2	136.8
152	53.5	43.8	65.8

Manual Integrations
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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: 24.703 ng

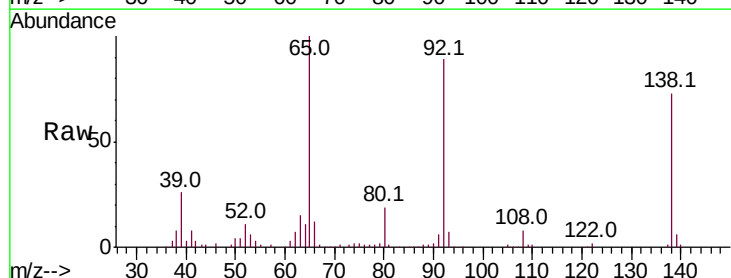
RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

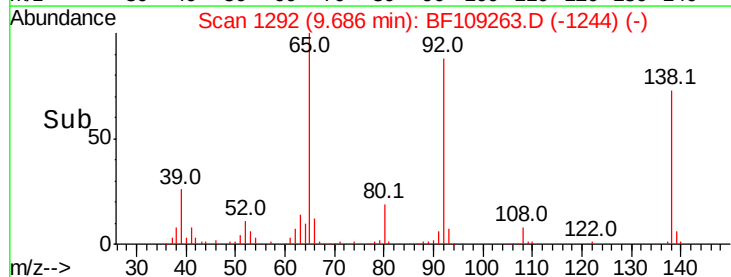
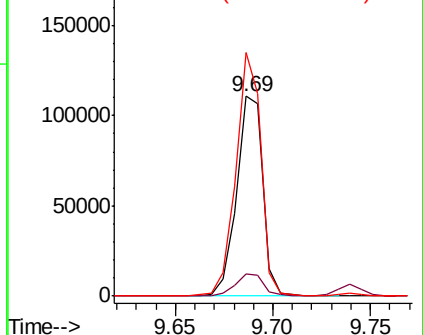
Lab File: BF109263.D

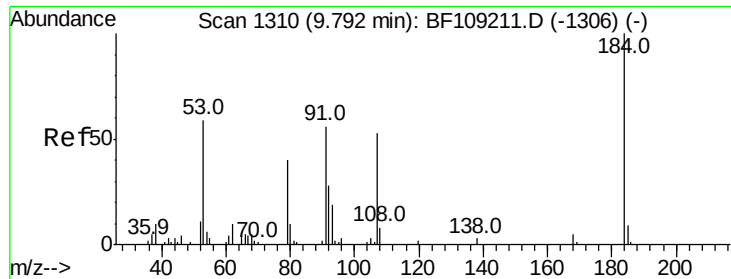
Acq: 24 Sep 2018 13:23

Tgt Ion:	138	Resp:	103083
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	121.8	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





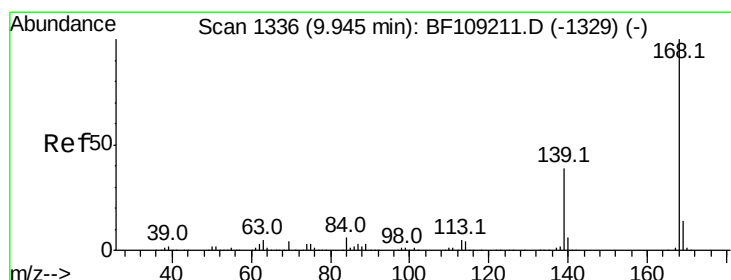
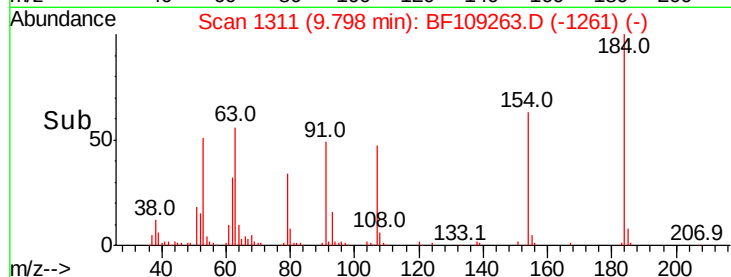
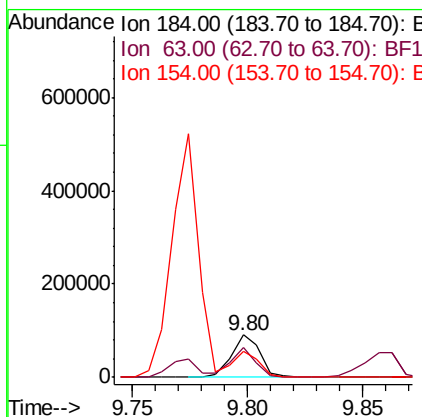
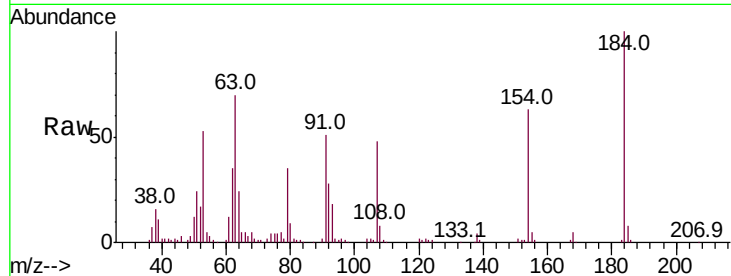
#53
 2,4-Dinitrophenol
 Concen: 63.834 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.0	54.2	81.2
154	62.7	184.0	276.0#

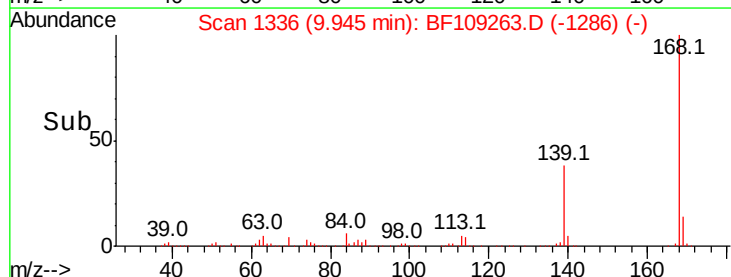
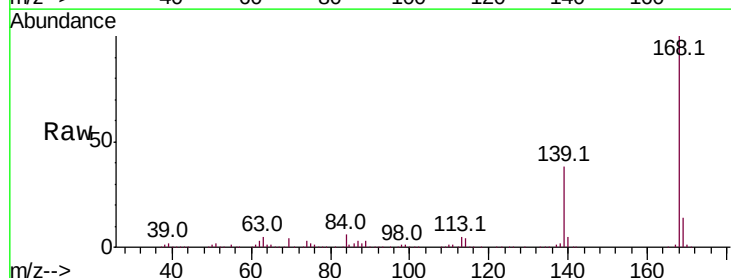
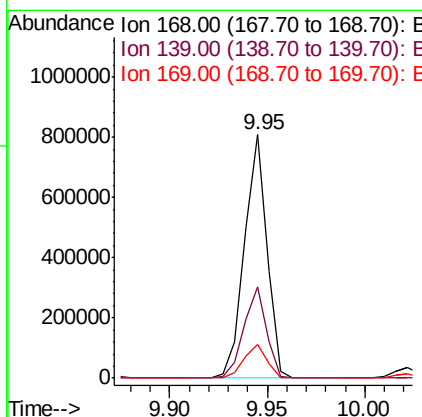
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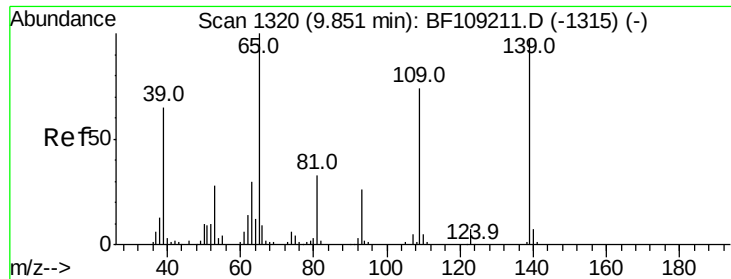
Sohil
 9/25/2018 9:57:11 AM



#54
 Dibenzofuran
 Concen: 29.148 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.9	10.9	16.3





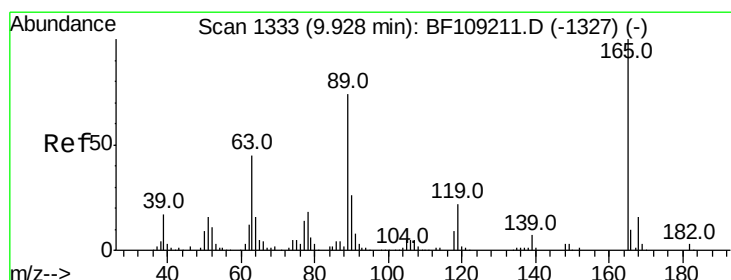
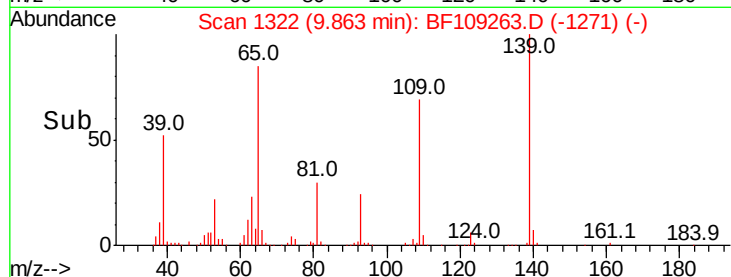
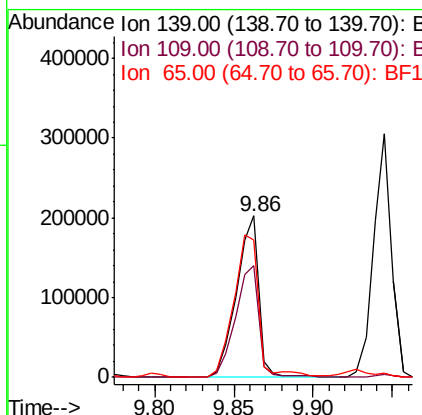
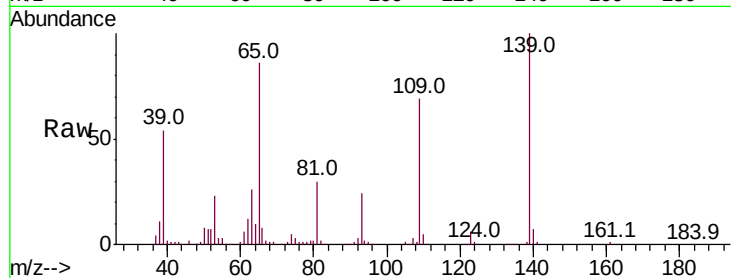
#55
4-Nitrophenol
Concen: 62.585 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.2	48.4	88.4
65	85.6	72.6	112.6

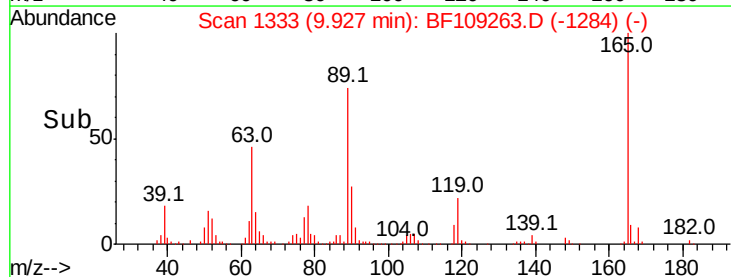
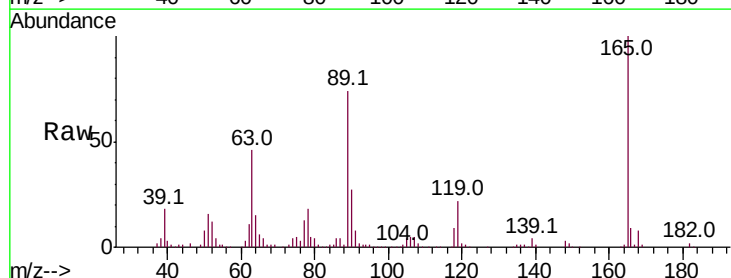
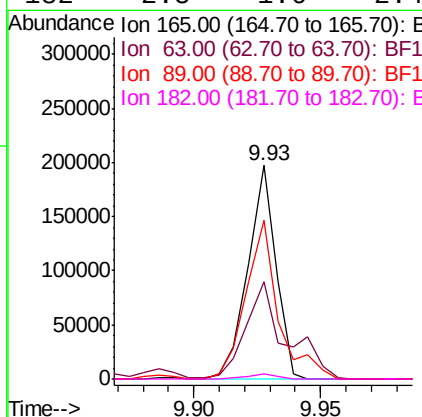
Manual Integrations
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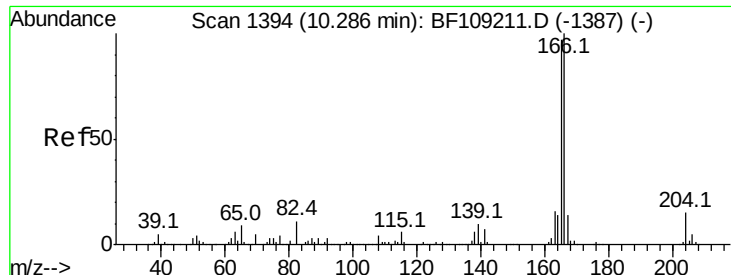
Sohil
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#56
2,4-Dinitrotoluene
Concen: 33.522 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	36.4	54.6
89	74.2	57.8	86.6
182	2.5	1.6	2.4#





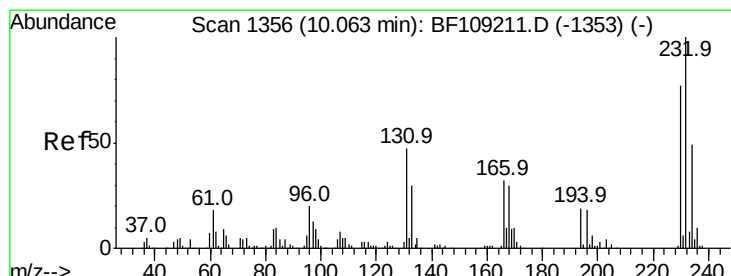
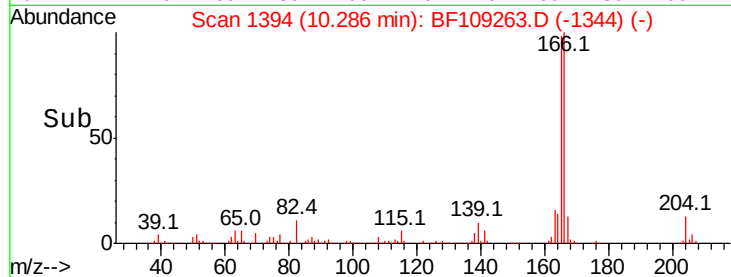
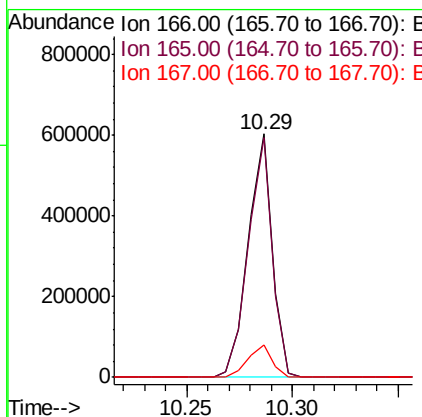
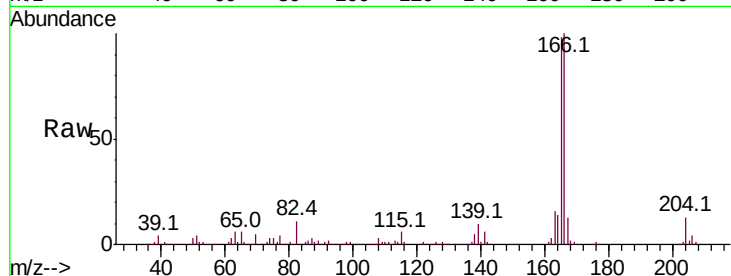
#57
Fluorene
 Concen: 30.537 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion:	166	Resp:	481182
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.8	119.8
167	13.3	10.6	16.0

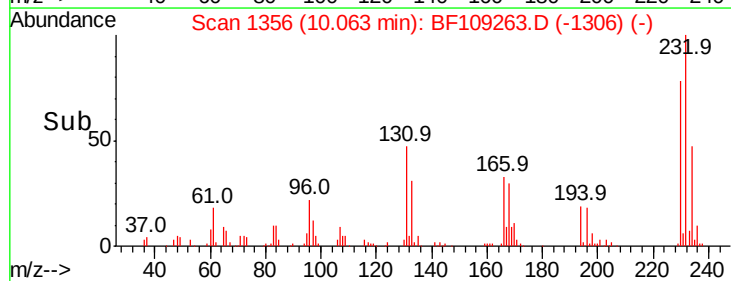
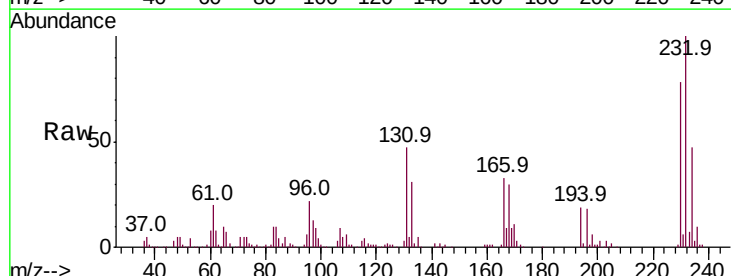
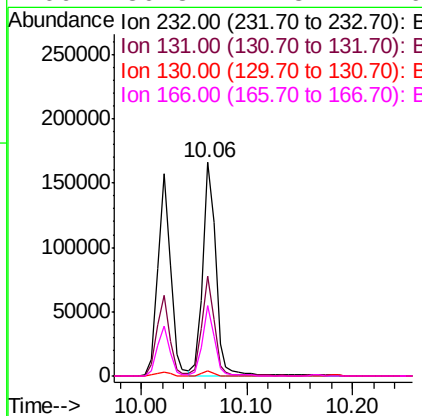
Manual Integrations
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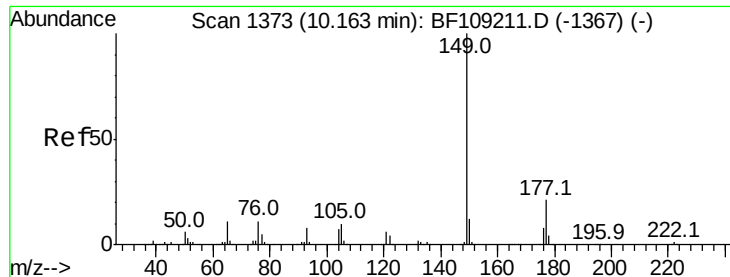
Sohil
 9/25/2018 9:57:11 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 32.909 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion:	232	Resp:	140604
Ion Ratio	Lower	Upper	
232	100		
131	45.8	43.8	65.8
130	2.2	2.1	3.1
166	30.8	27.8	41.6





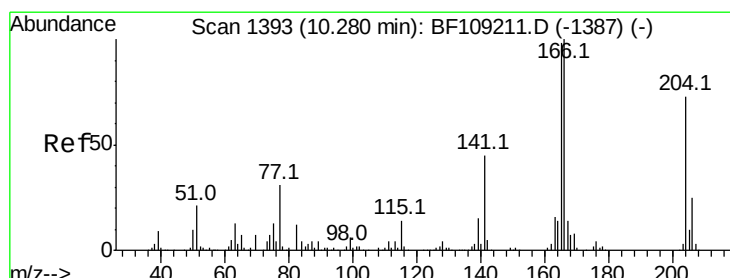
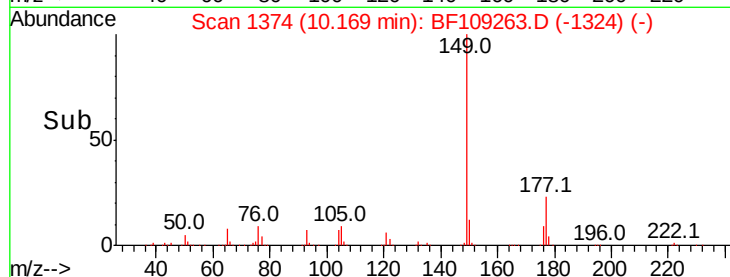
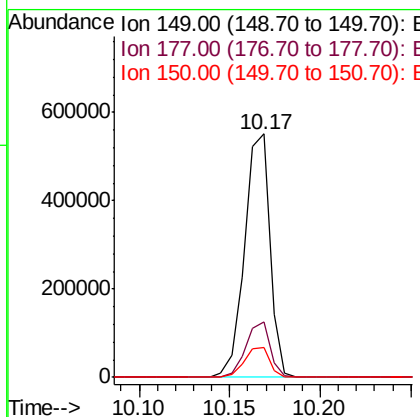
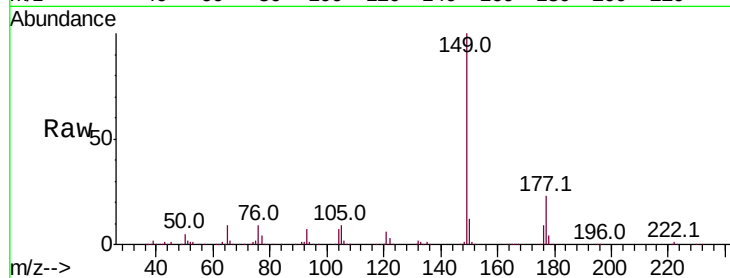
#59
Diethylphthalate
Concen: 29.112 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion:	149	Resp:	536361
Ion Ratio	Lower	Upper	
149	100		
177	22.7	16.1	24.1
150	12.2	10.1	15.1

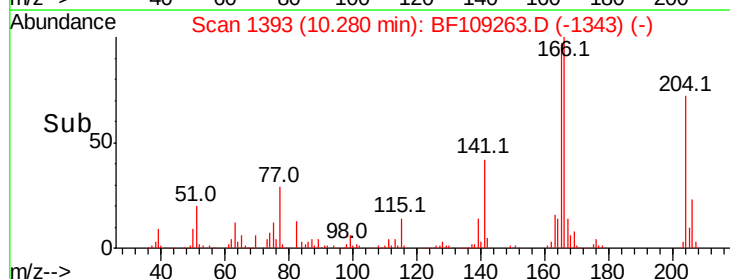
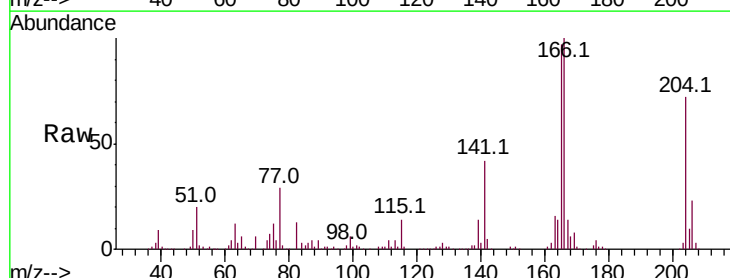
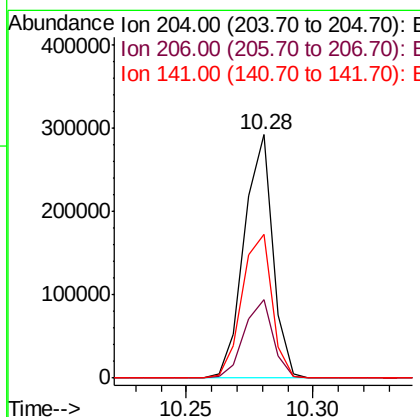
Manual Integrations
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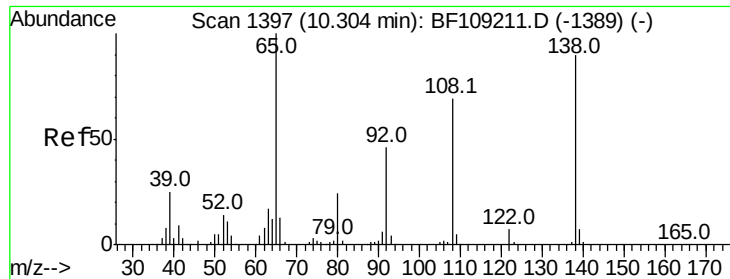
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 27.841 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion:	204	Resp:	229136
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	58.9	54.6	81.8





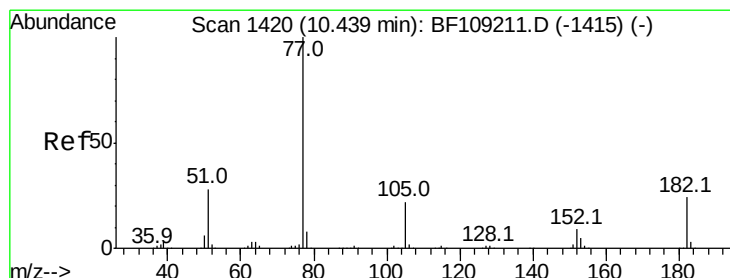
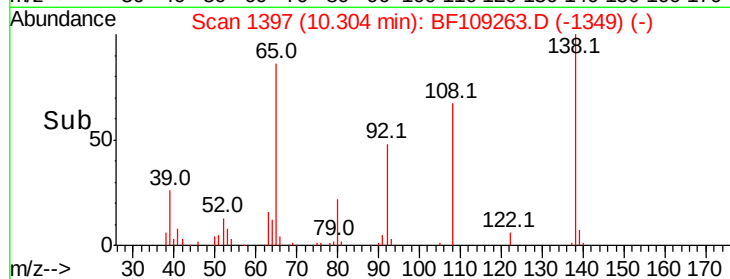
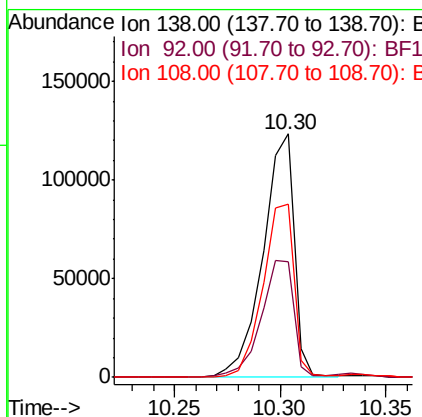
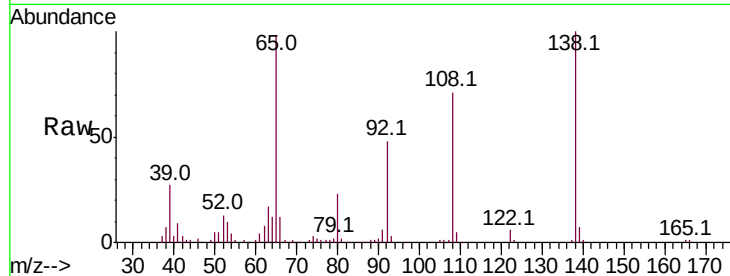
#61
4-Nitroaniline
Concen: 31.270 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	127255		
92	47.5	30.2	70.2	
108	71.4	52.5	92.5	

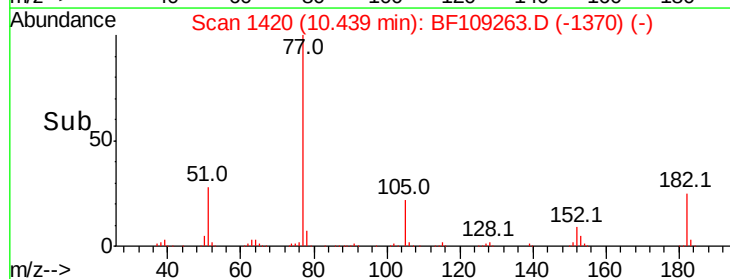
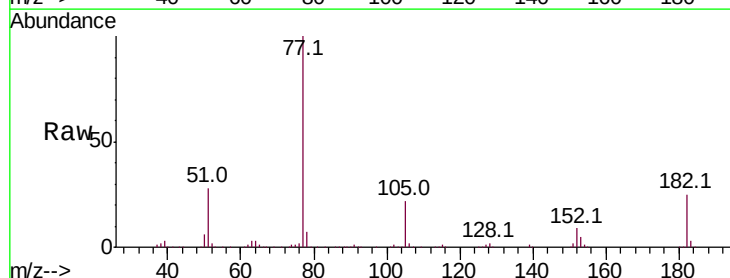
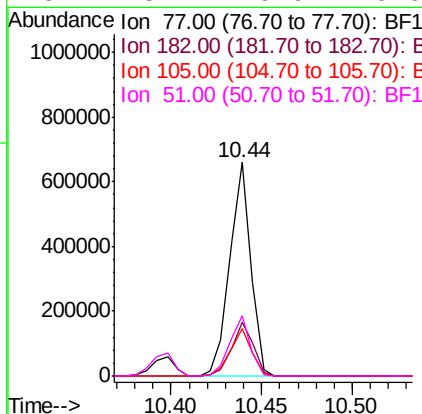
Manual Integrations
APPROVED

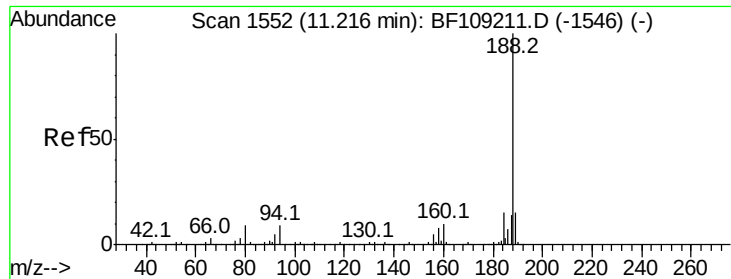
Sohil
9/25/2018 9:57:11 AM



#62
Azobenzene
Concen: 27.973 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	535451		
182	25.2	1.7	41.7	
105	22.0	3.0	43.0	
51	28.1	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

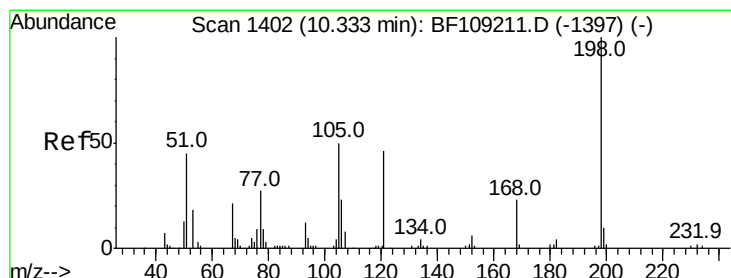
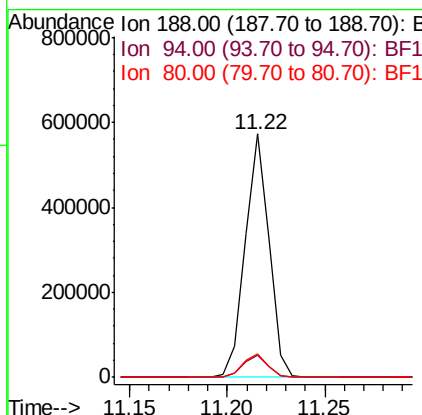
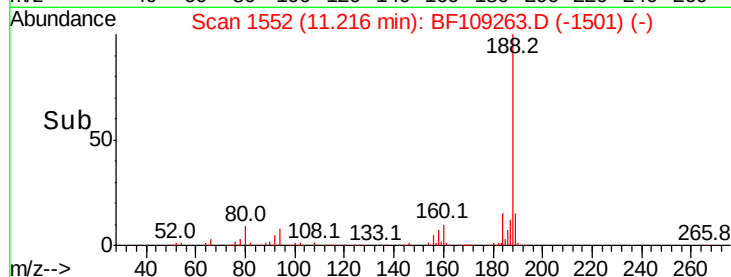
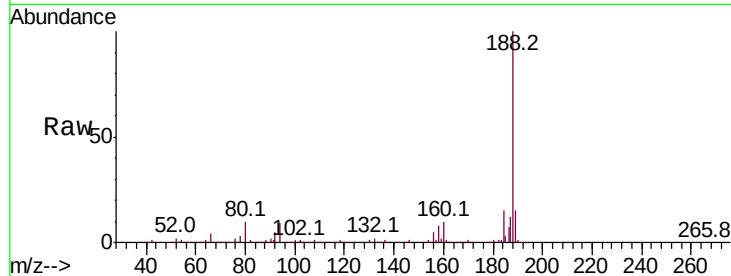
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	188	Resp:	485245
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 31.106 ng

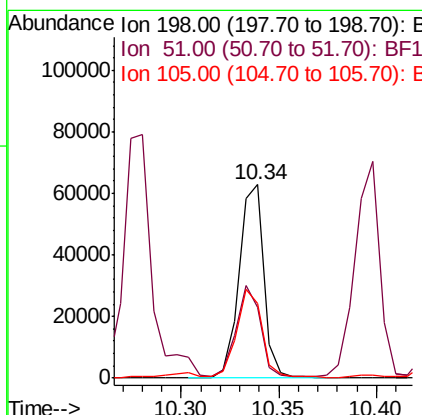
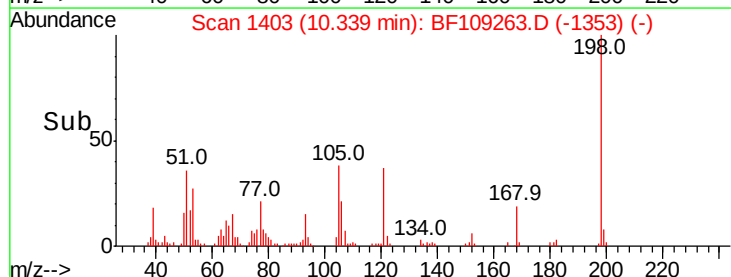
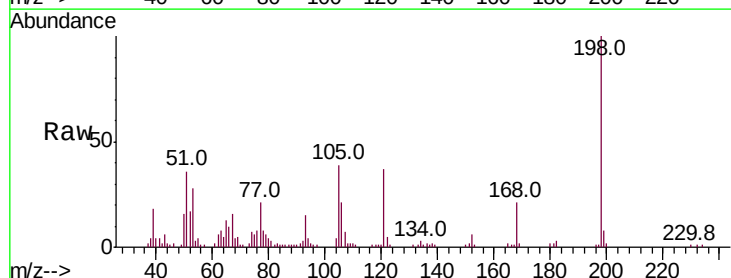
RT: 10.34 min Scan# 1403

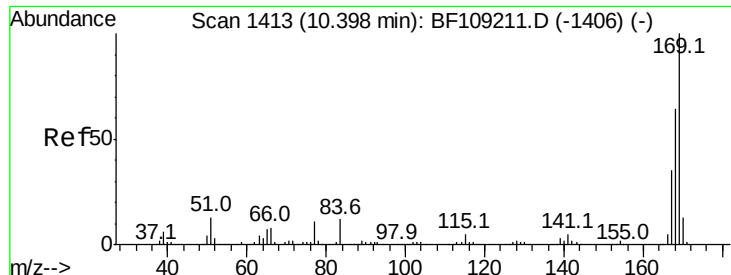
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	198	Resp:	55256
Ion Ratio	Lower	Upper	
198	100		
51	36.4	37.7	77.7#
105	38.8	36.3	76.3





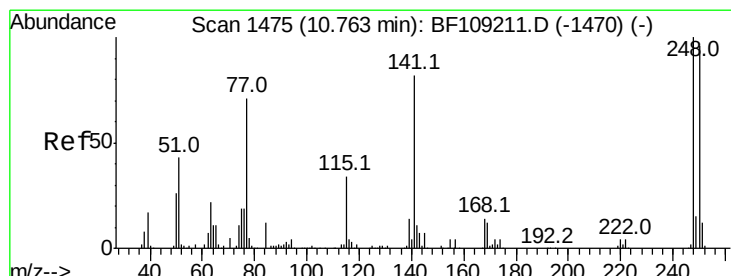
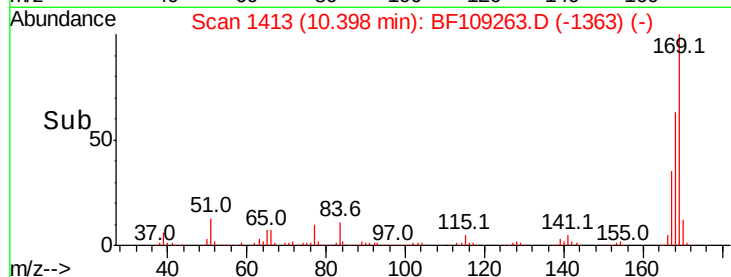
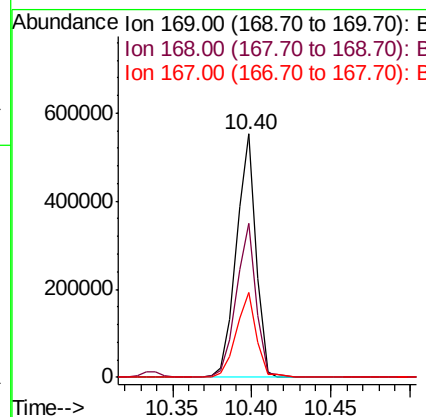
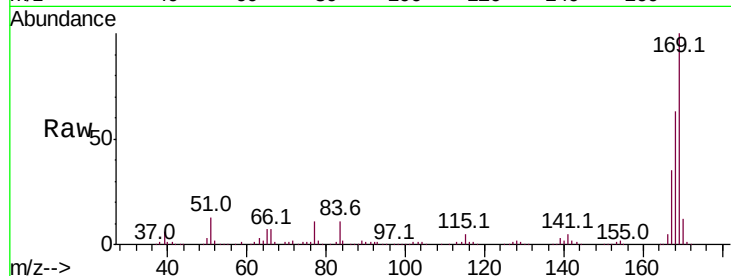
#65
 n-Nitrosodiphenylamine
 Concen: 29.496 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	472881		
168	63.5		54.4	81.6
167	35.0		29.8	44.6

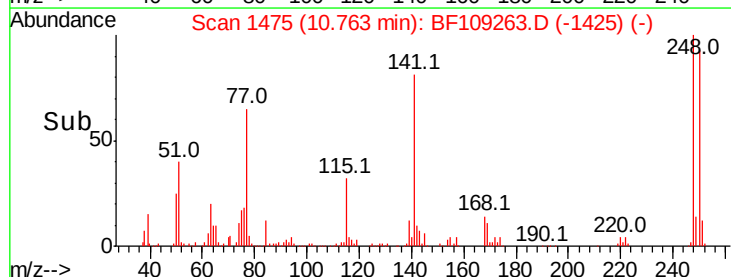
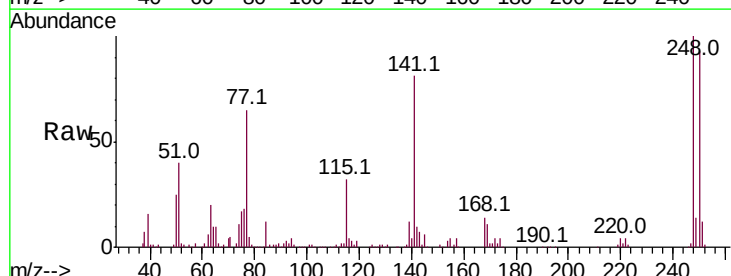
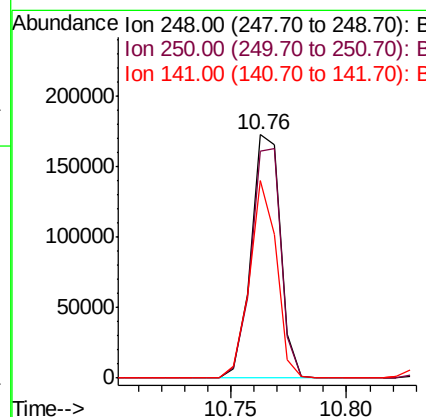
Manual Integrations
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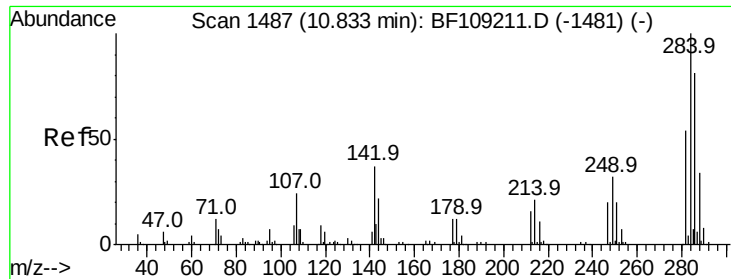
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#66
 4-Bromophenyl-phenylether
 Concen: 28.624 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	154240		
250	93.4		76.9	115.3
141	81.1		74.4	111.6





#67

Hexachlorobenzene

Concen: 28.368 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

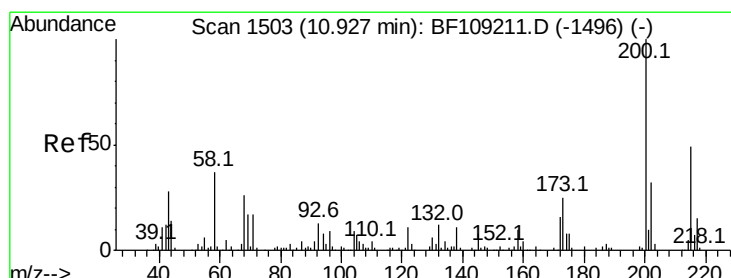
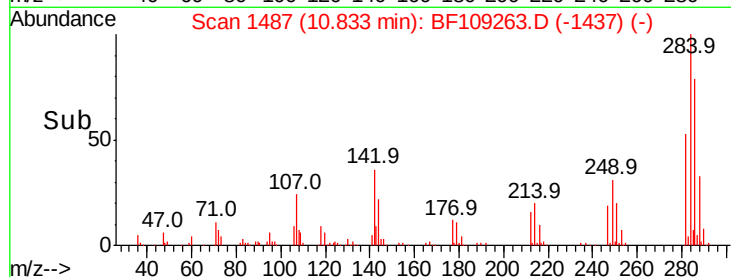
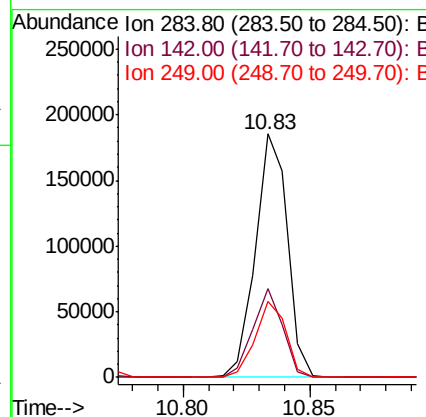
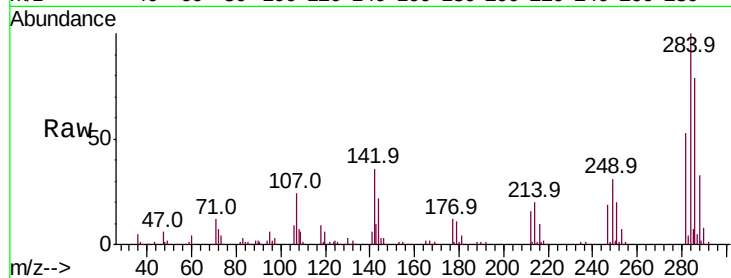
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	284	Resp:	162348
Ion Ratio	Lower	Upper	
284	100		
142	36.3	34.6	52.0
249	31.4	24.8	37.2

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#68

Atrazine

Concen: 31.474 ng

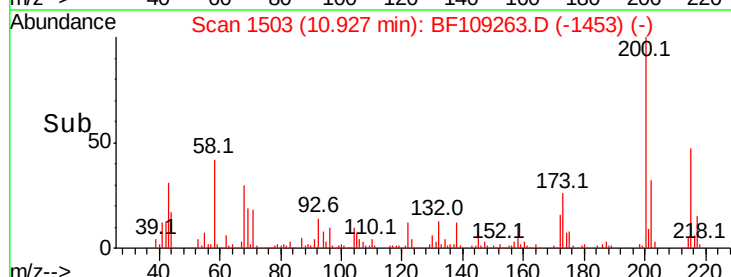
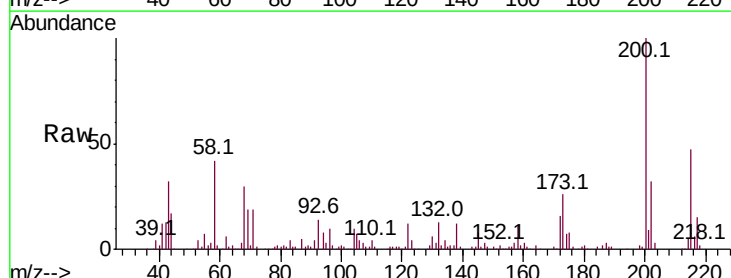
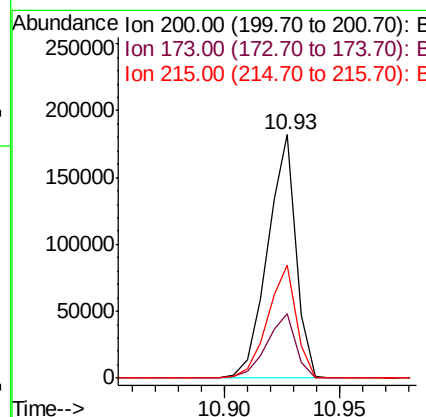
RT: 10.93 min Scan# 1503

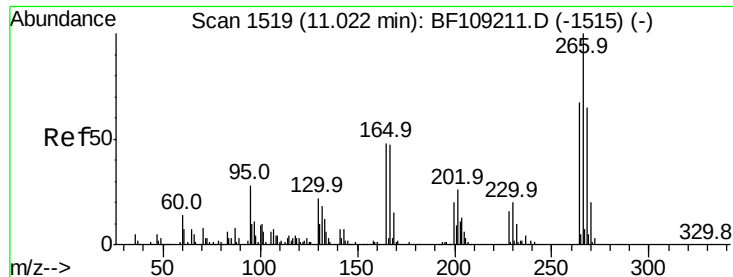
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	200	Resp:	155188
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.6	48.6
215	46.6	25.1	65.1





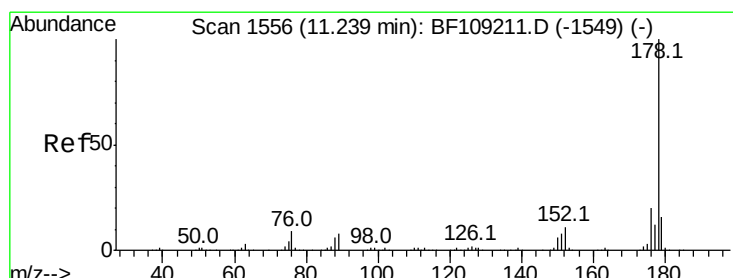
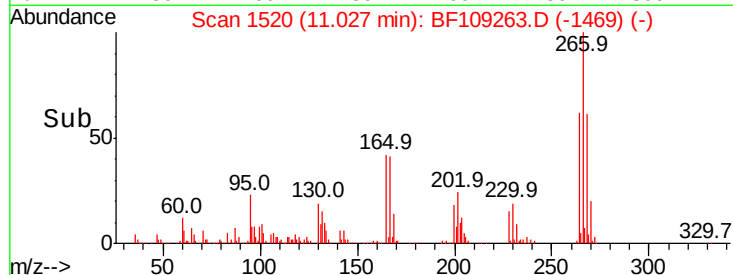
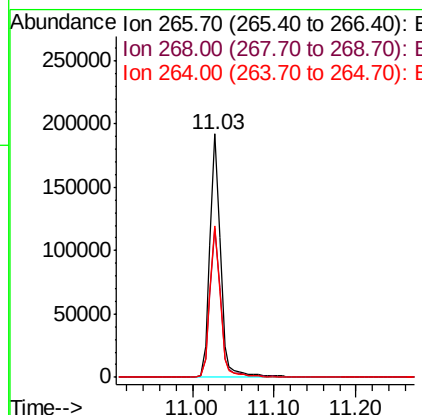
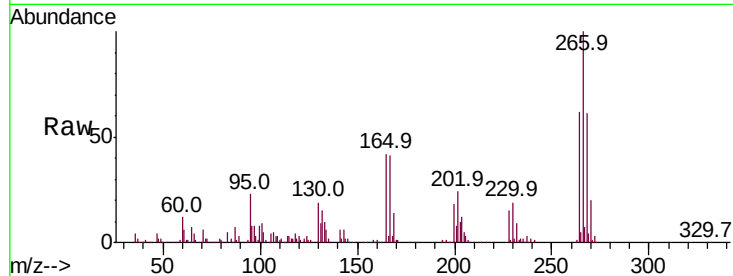
#69
 Pentachlorophenol
 Concen: 51.478 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	176323		
268	61.0		51.1	76.7
264	62.4		49.5	74.3

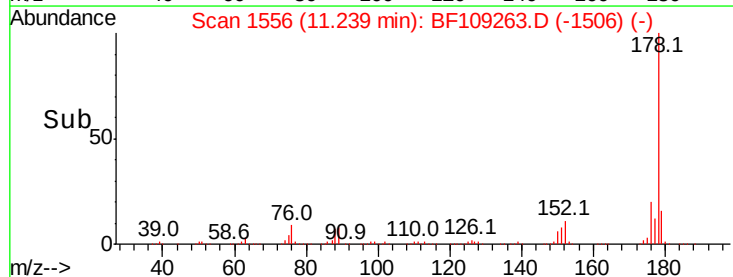
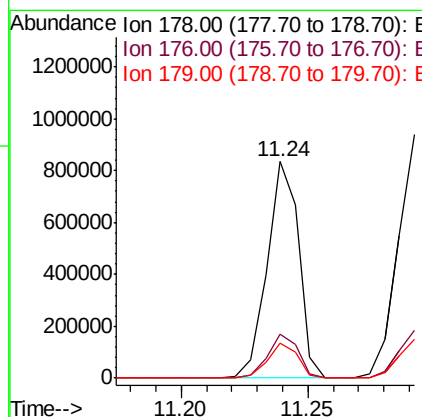
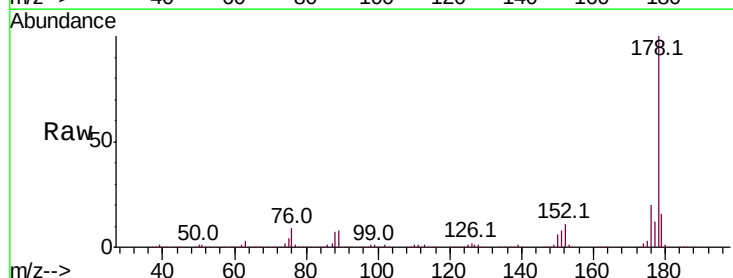
Manual Integrations
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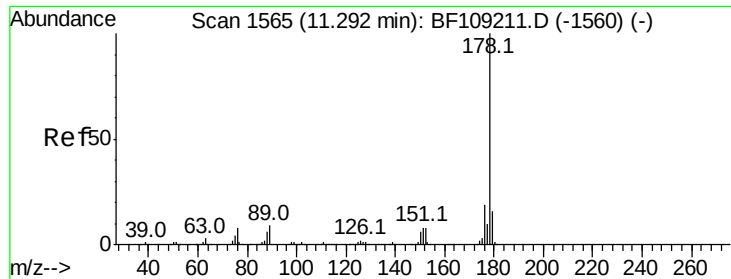
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#70
 Phenanthrene
 Concen: 30.058 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	728249		
176	20.1		15.8	23.8
179	16.2		13.0	19.6





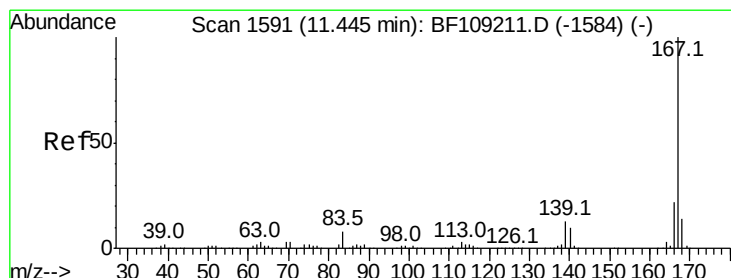
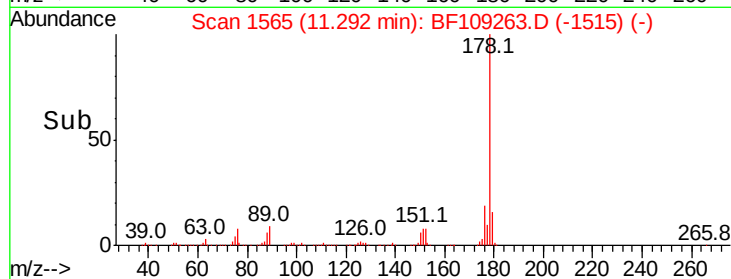
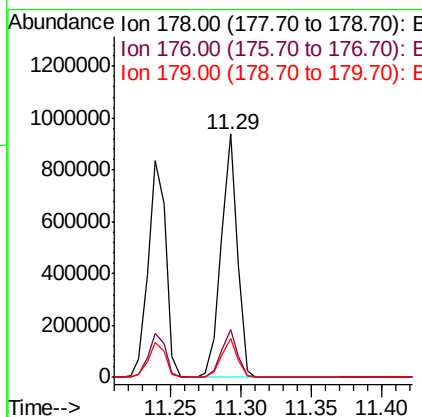
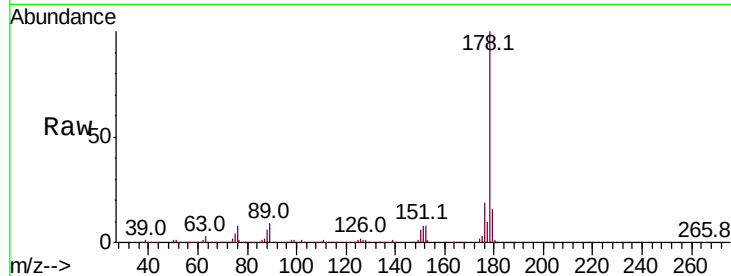
#71
 Anthracene
 Concen: 30.493 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

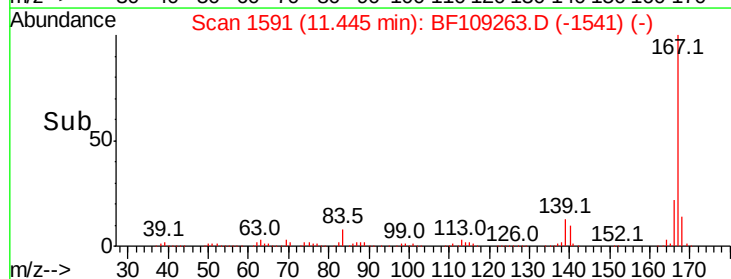
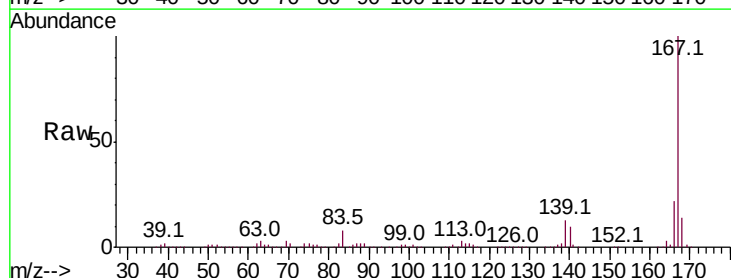
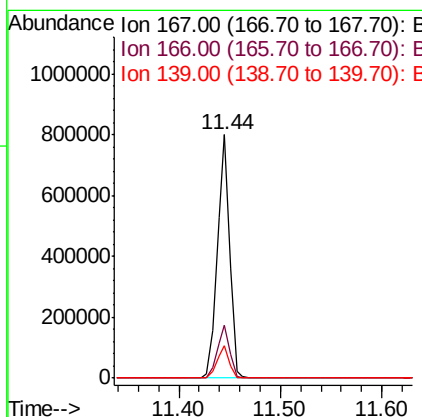
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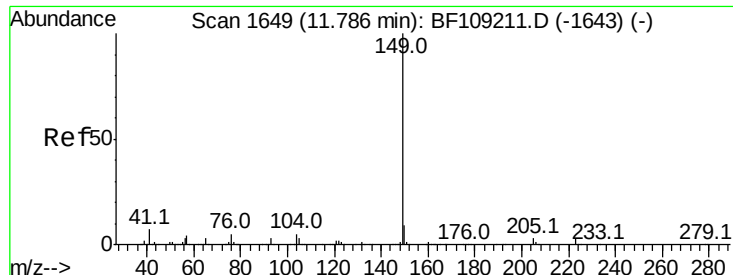
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#72
 Carbazole
 Concen: 27.465 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 29.598 ng

RT: 11.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

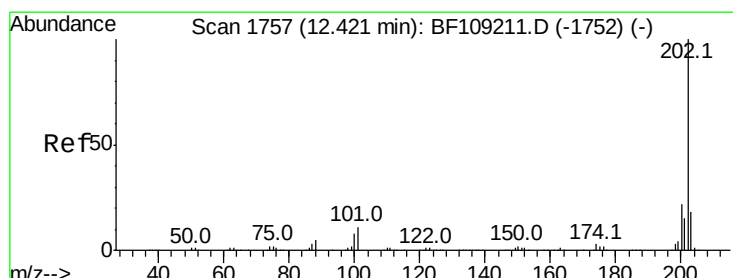
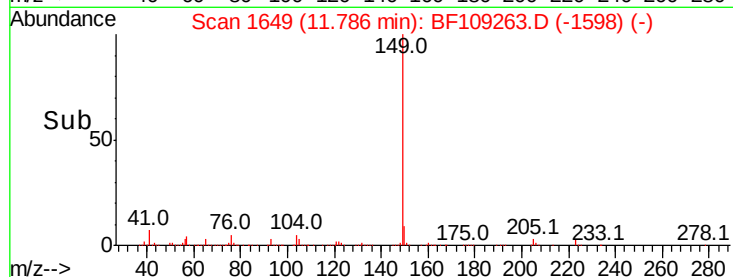
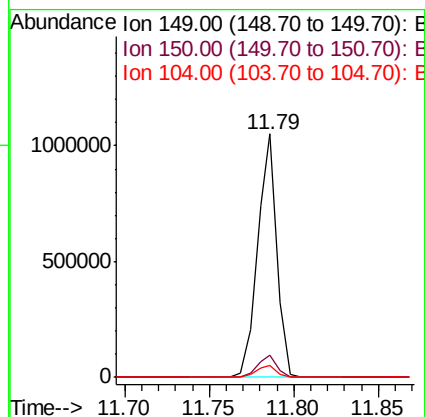
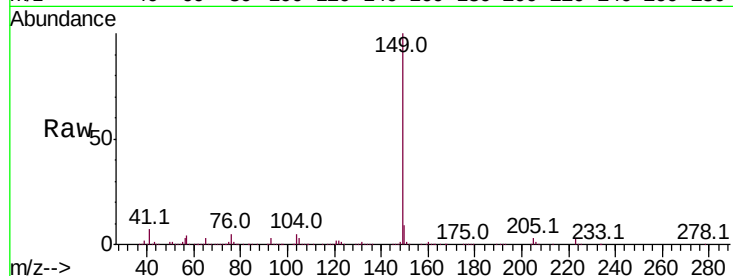
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	149	Resp:	833092
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.7	3.8	5.8

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#74

Fluoranthene

Concen: 28.059 ng

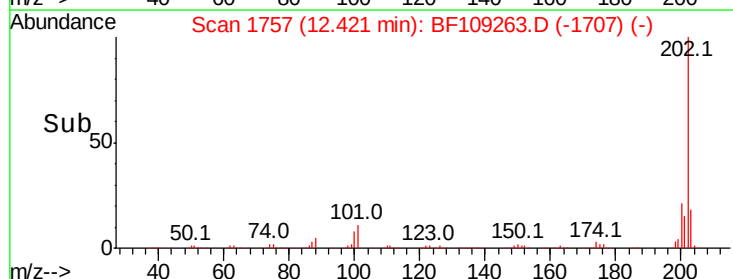
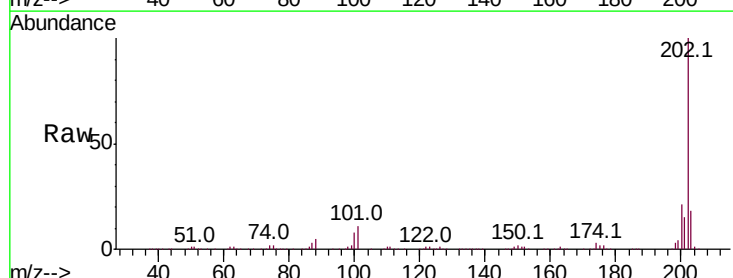
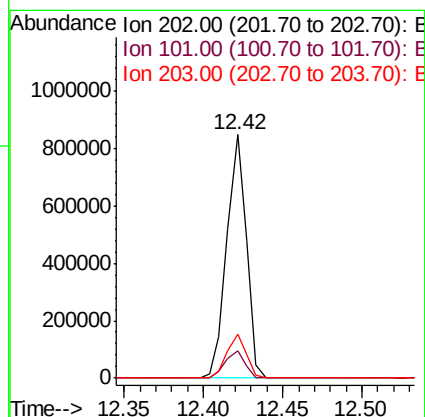
RT: 12.42 min Scan# 1757

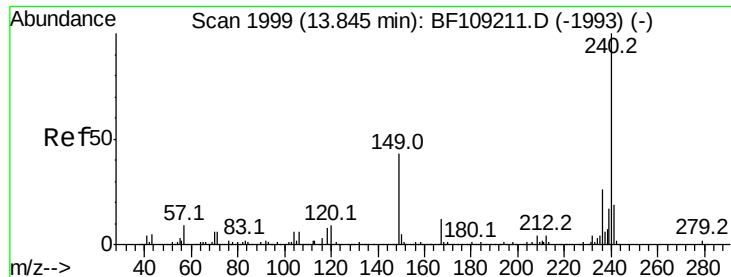
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	202	Resp:	726511
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

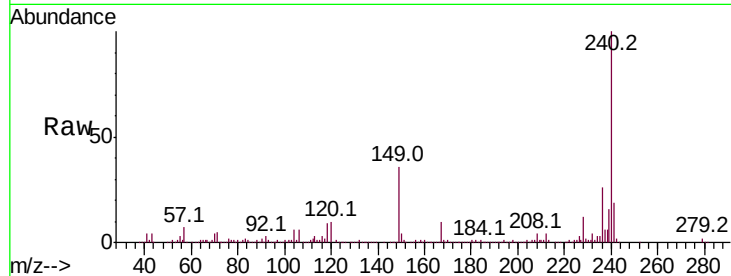
ClientSampleId :

FK-PS-01-041MSD

Tot Ion:	240	Resp:	294481
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	25.8	20.7	31.1

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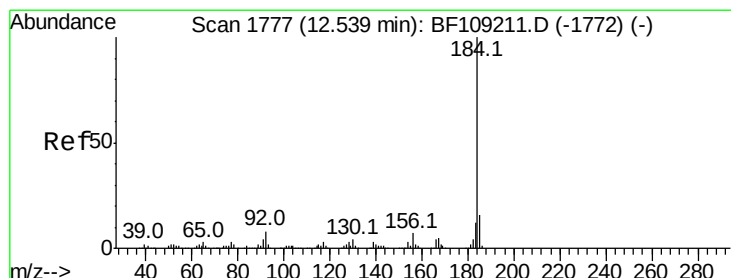
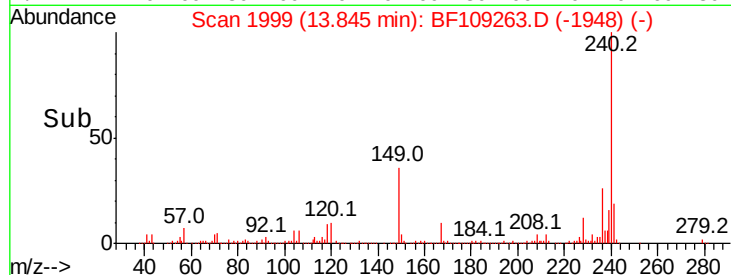
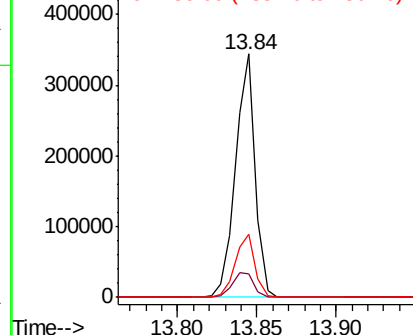


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.363 ng

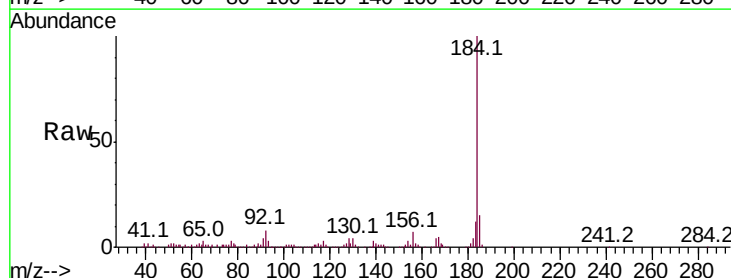
RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	184	Resp:	343613
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.9	9.3	13.9

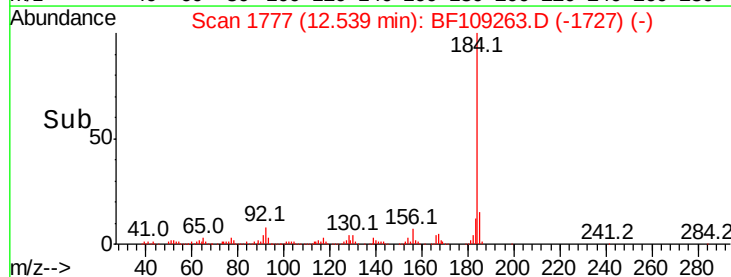
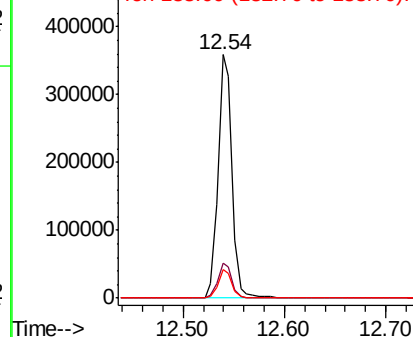


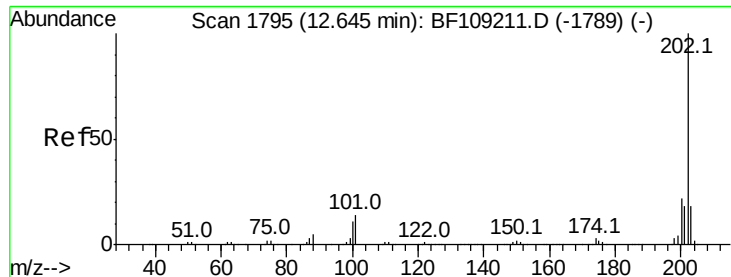
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.296 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

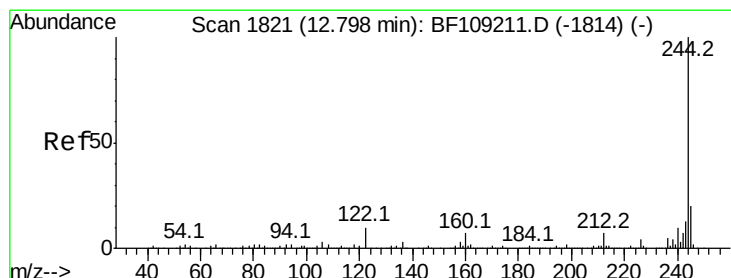
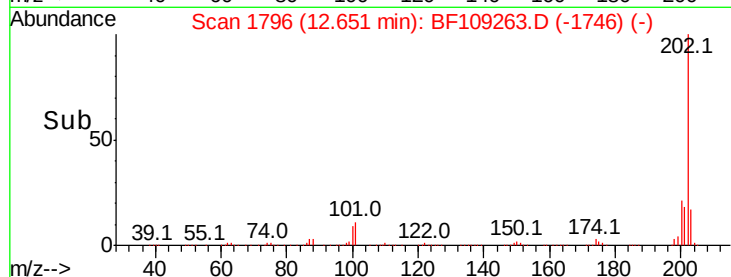
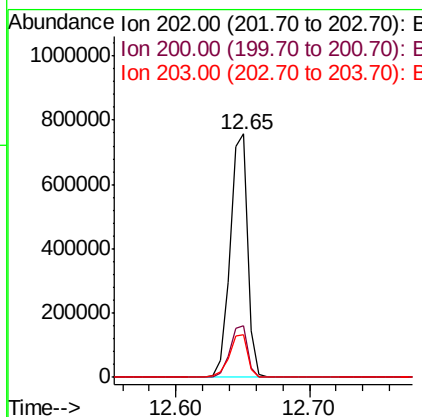
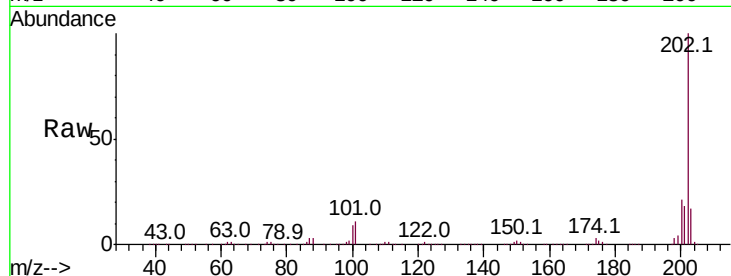
ClientSampleId :

FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 73.098 ng

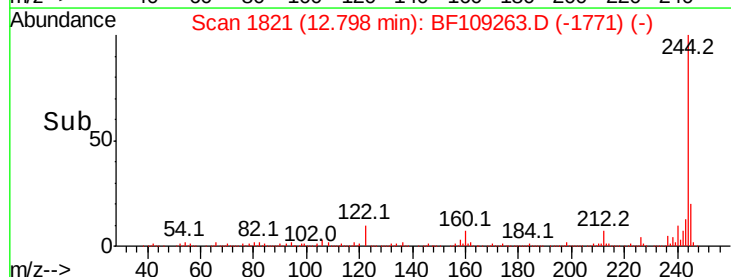
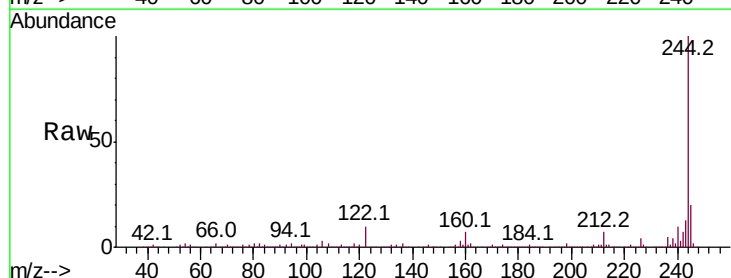
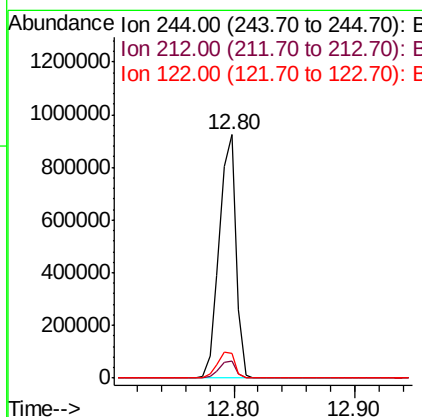
RT: 12.80 min Scan# 1821

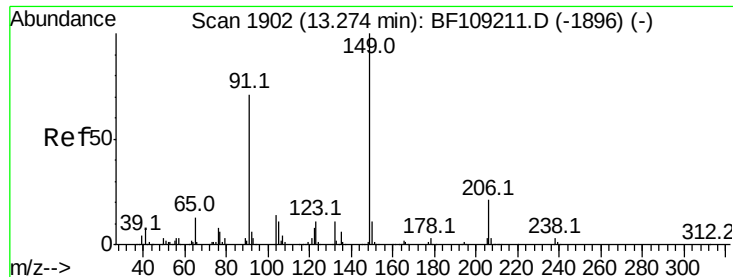
Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 33.891 ng

RT: 13.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

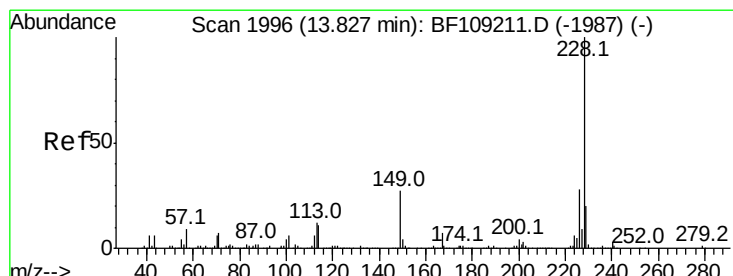
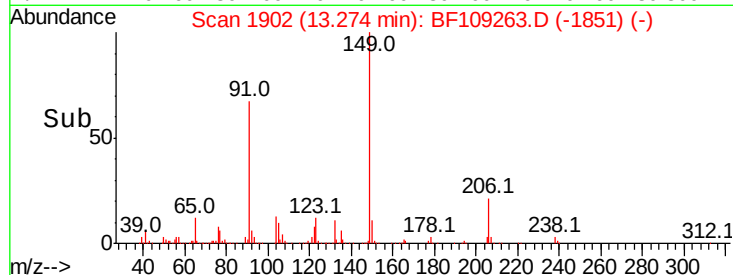
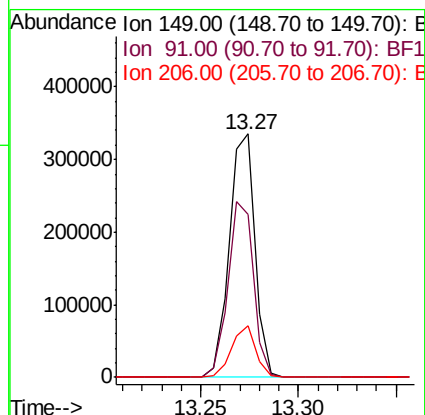
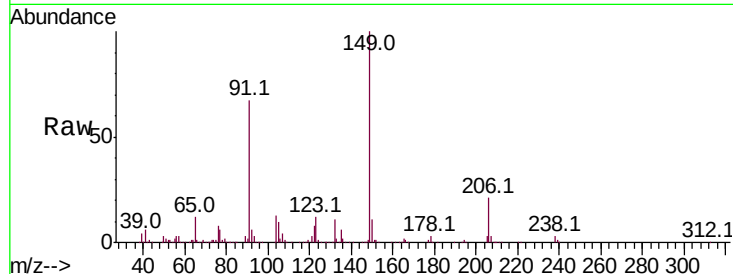
ClientSampleId :

FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	304306		
91	67.0	56.8	85.2	
206	21.1	14.1	21.1	

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#80

Benzo(a)anthracene

Concen: 29.941 ng

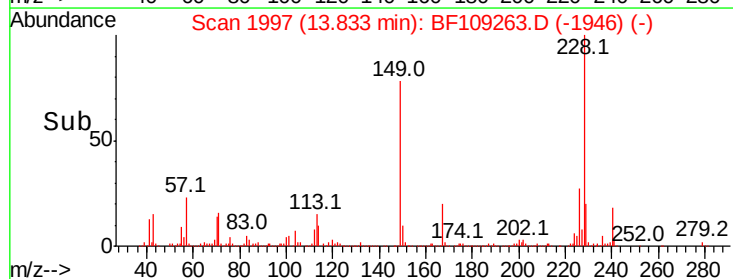
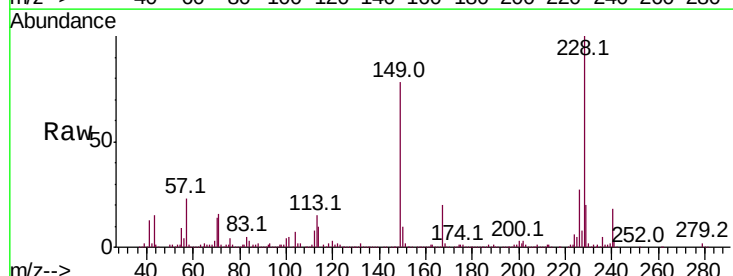
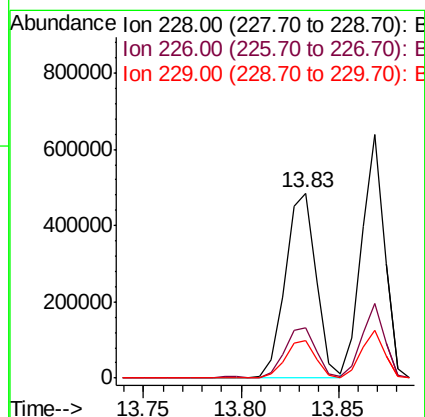
RT: 13.83 min Scan# 1997

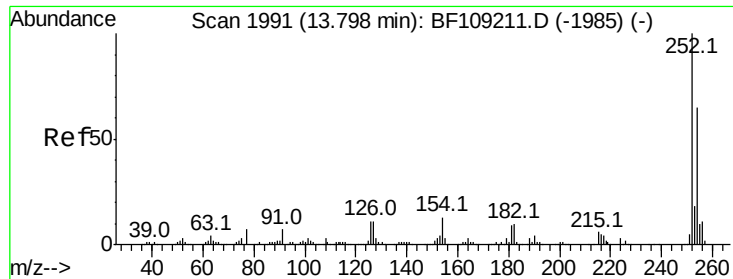
Delta R.T. -0.00 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	531080		
226	27.2	22.6	33.8	
229	20.2	15.8	23.6	





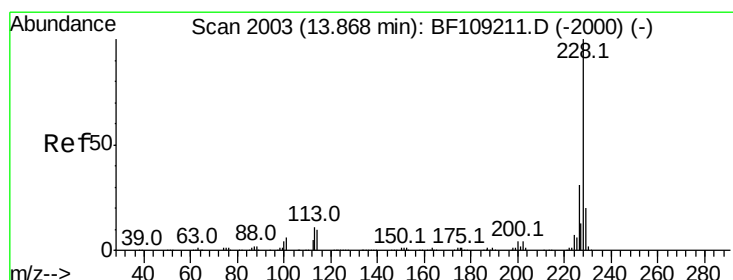
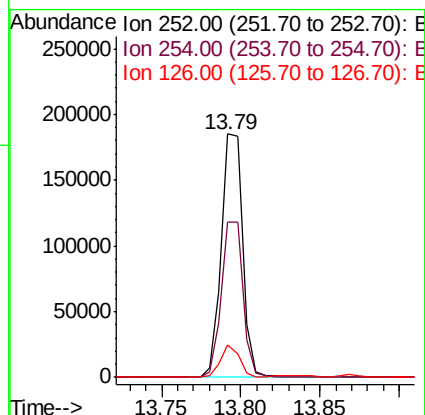
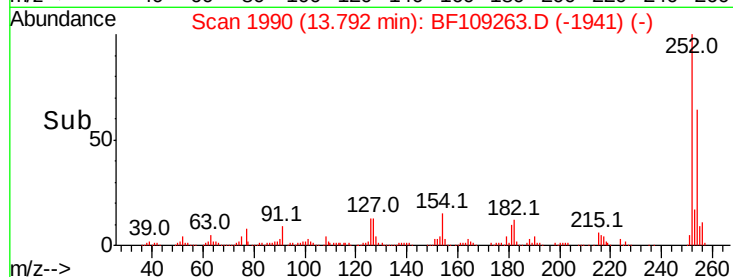
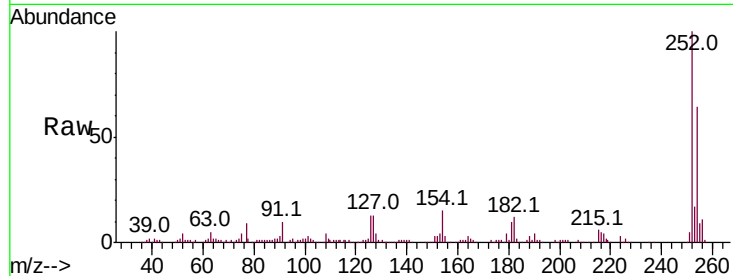
#81
 3,3'-Dichlorobenzidine
 Concen: 25.610 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	50.4	75.6
126	13.5	11.3	16.9

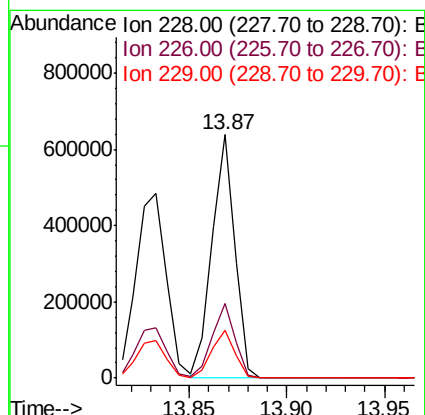
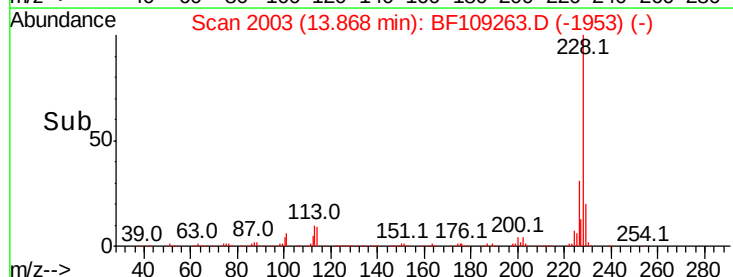
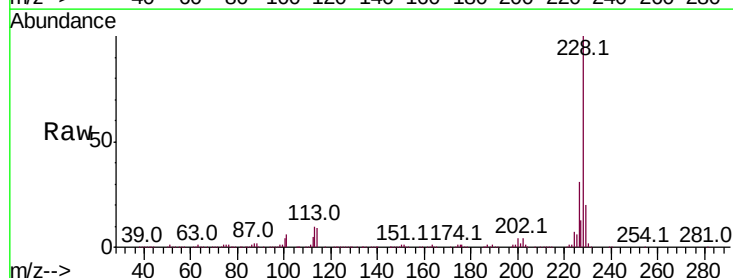
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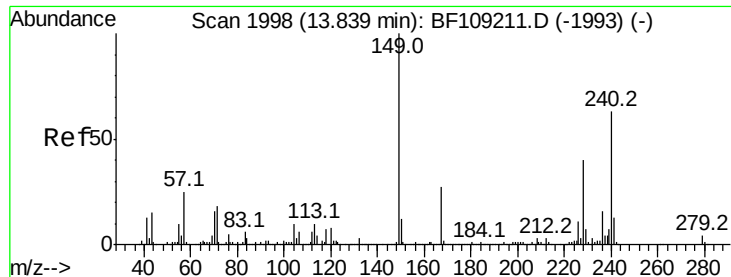
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#82
 Chrysene
 Concen: 29.511 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4





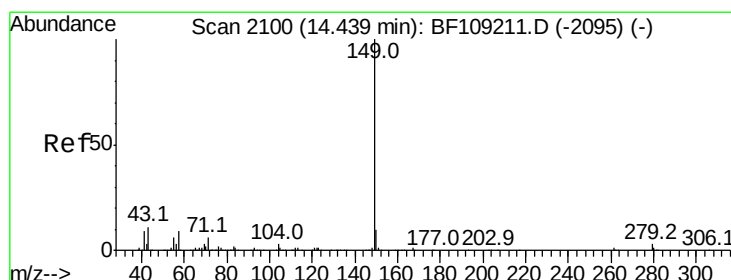
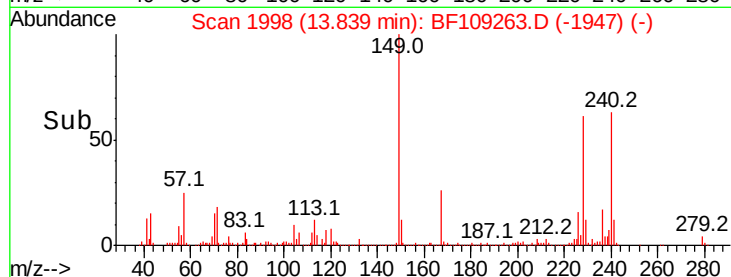
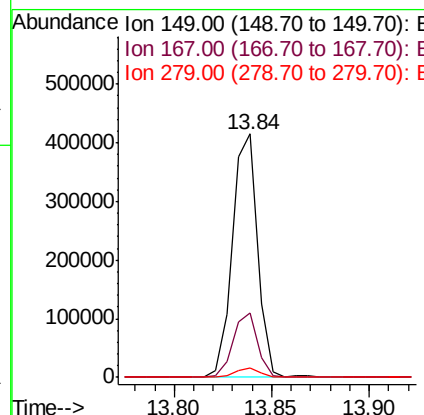
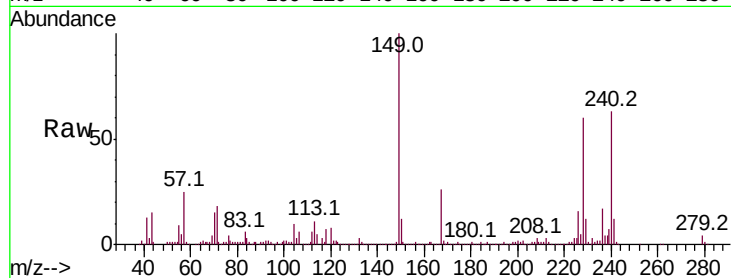
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.723 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	370553		
167	26.3		21.3	31.9
279	4.1		3.0	4.4

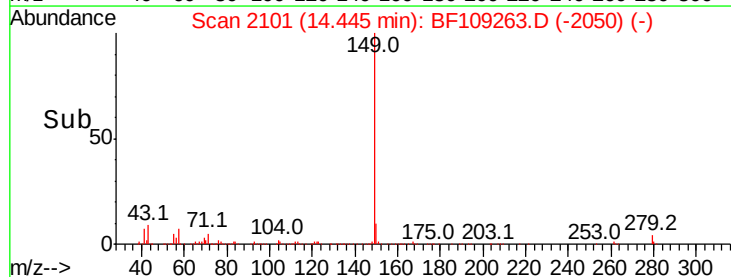
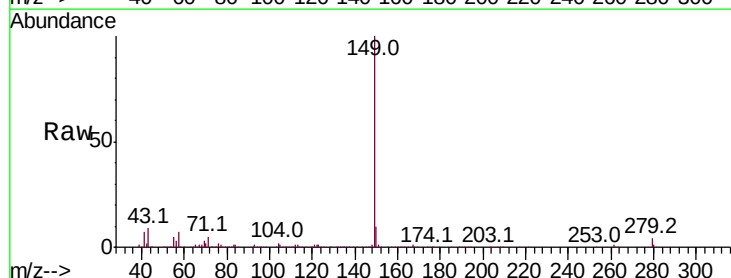
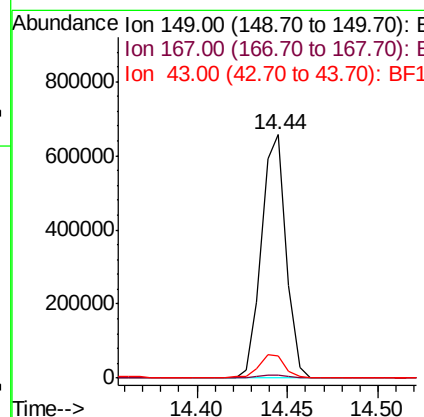
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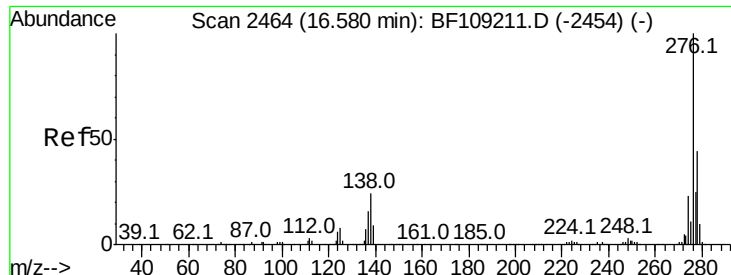
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#84
 Di-n-octyl phthalate
 Concen: 32.048 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	620507		
167	1.5		1.2	1.8
43	9.6		8.4	12.6





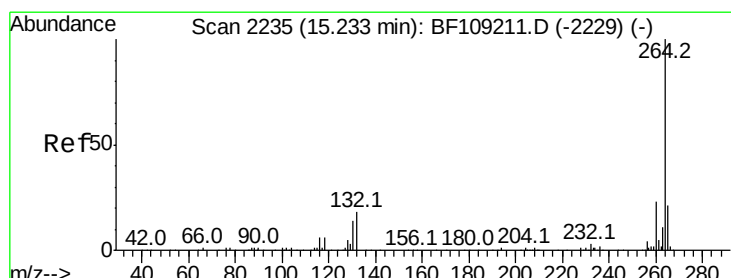
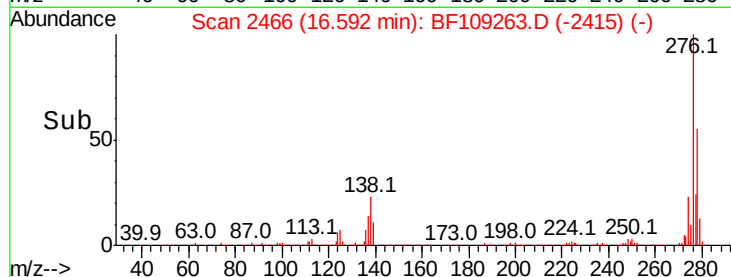
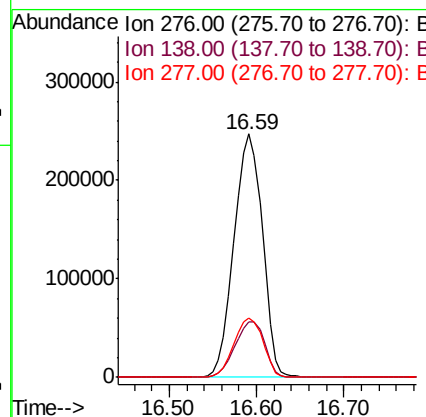
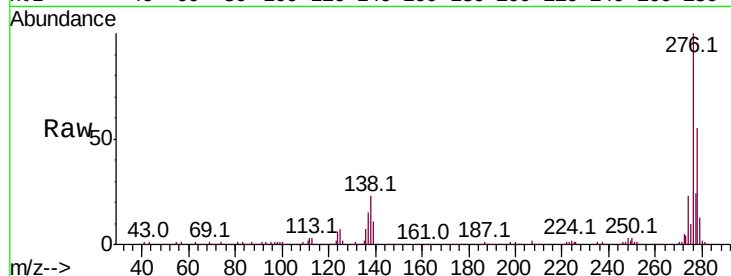
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.375 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	24.8	20.1	30.1

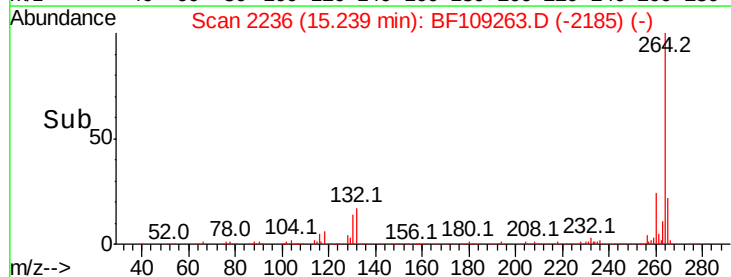
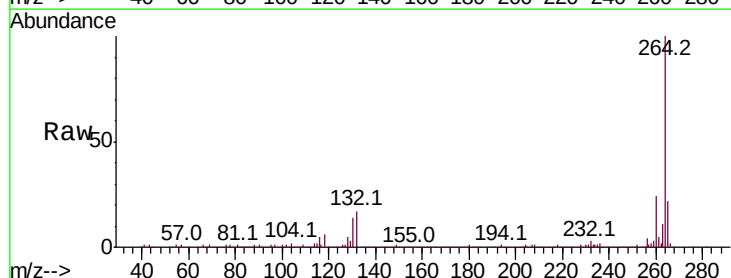
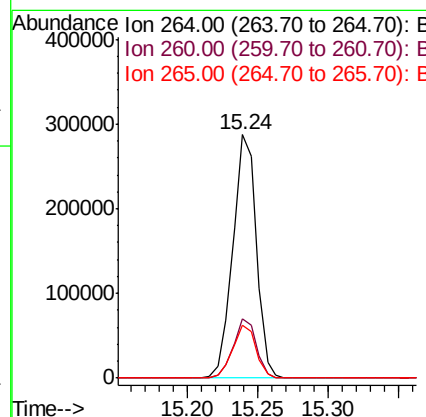
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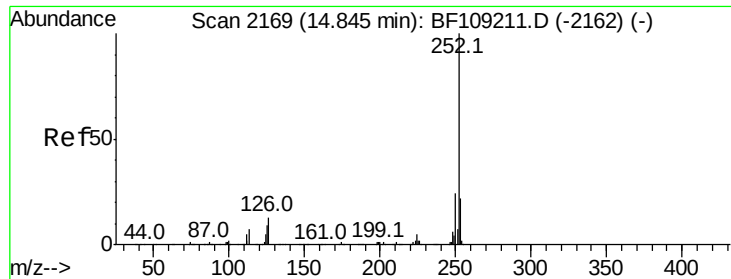
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 28.345 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Instrument :

BNA_F

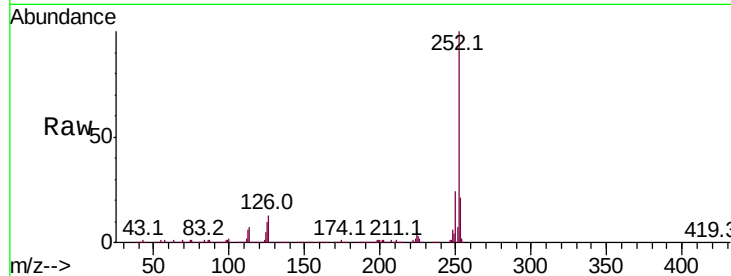
ClientSampleId :

FK-PS-01-041MSD

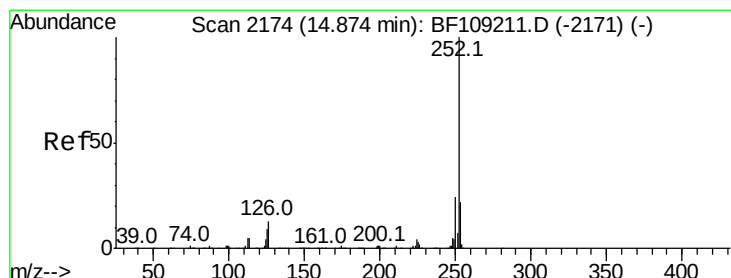
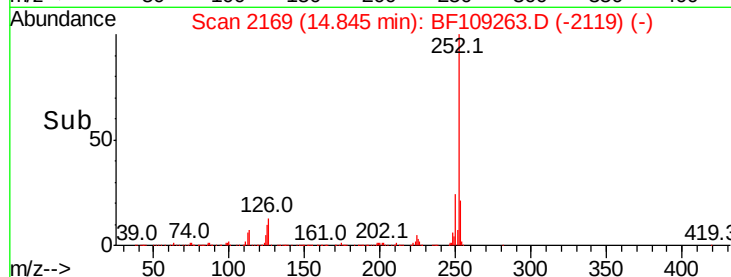
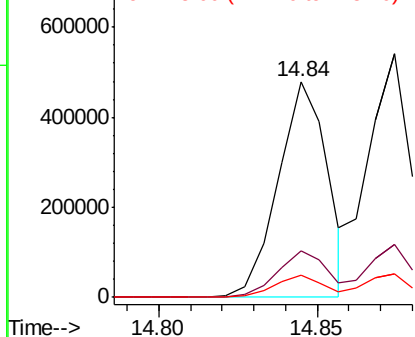
Tot Ion:	252	Resp:	518686
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.6
125	10.0	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.803 ng

RT: 14.87 min Scan# 2174

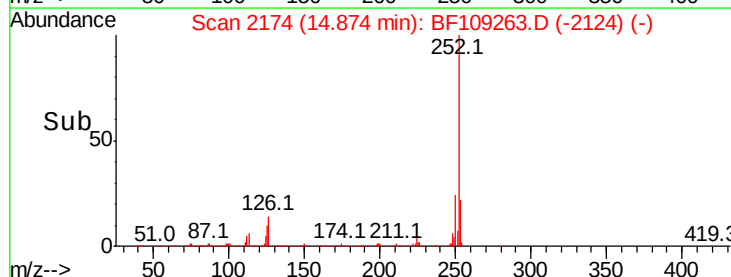
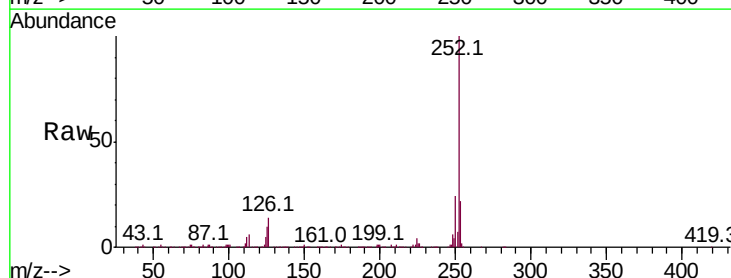
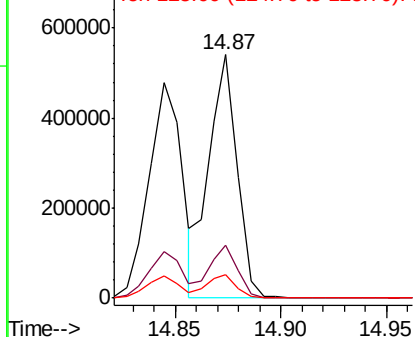
Delta R.T. -0.01 min

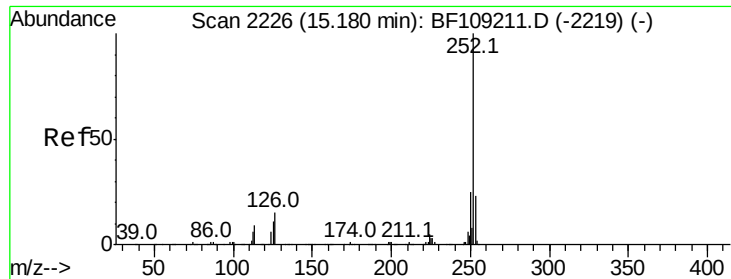
Lab File: BF109263.D

Acq: 24 Sep 2018 13:23

Tgt Ion:	252	Resp:	500151
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	9.6	10.2	15.2#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





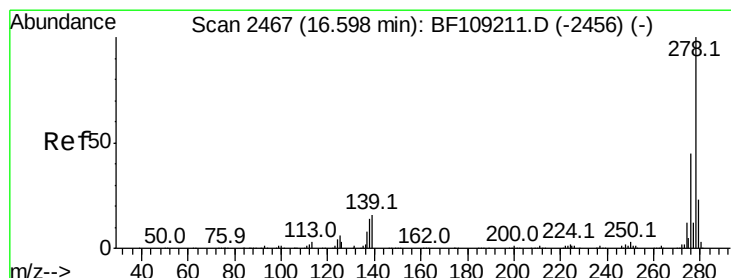
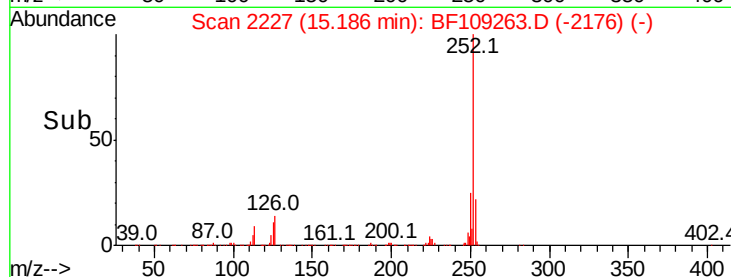
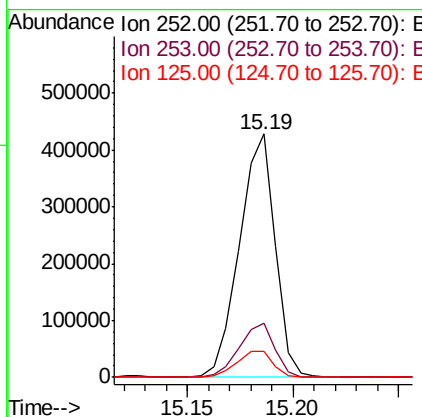
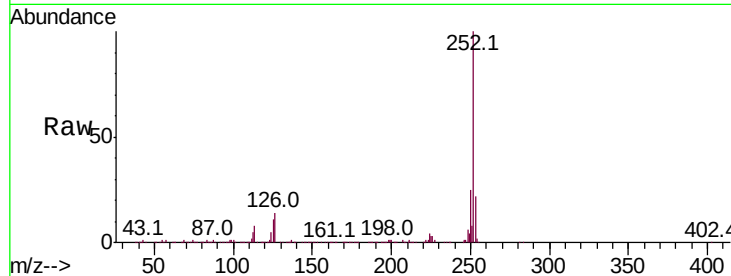
#89
Benzo(a)pyrene
Concen: 30.432 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.6	9.8	14.6

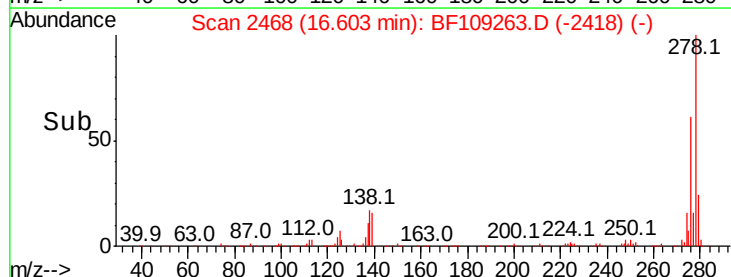
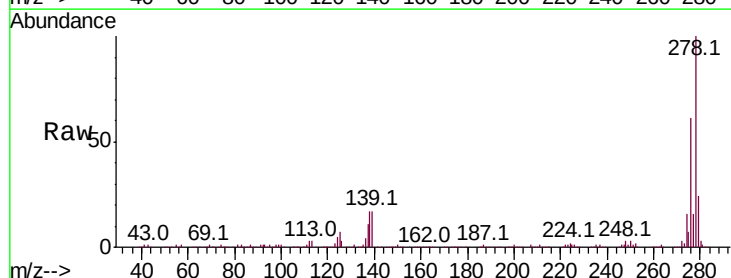
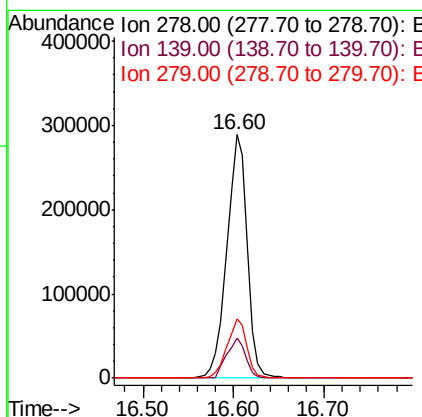
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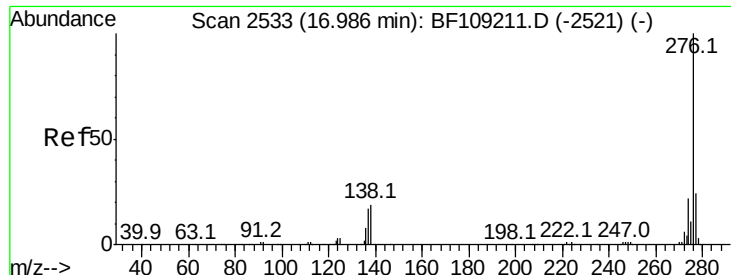
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#90
Dibenzo(a,h)anthracene
Concen: 33.351 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF109263.D
Acq: 24 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.9	23.9
279	24.2	19.0	28.4





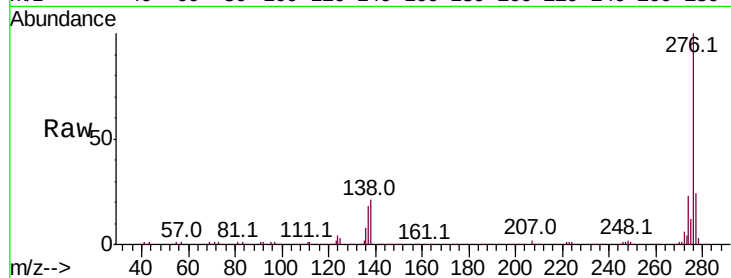
#91
 Benzo(a,h,i)perylene
 Concen: 32.170 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. -0.00 min
 Lab File: BF109263.D
 Acq: 24 Sep 2018 13:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-041MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	20.5	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

