

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107439.D
 Acq On : 17 Jul 2018 10:39
 Operator : JU/SJ
 Sample : J3976-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:43:45 AM

Quant Time: Jul 17 12:20:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	146085	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	558082	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	297015	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	635530	20.00	ng	0.00
75) Chrysene-d12	14.17	240	447048	20.00	ng	0.00
86) Perylene-d12	15.70	264	390607	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	760818	79.10	ng	0.00
7) Phenol-d6	6.61	99	1023820	82.33	ng	0.00
23) Nitrobenzene-d5	7.55	82	737854	70.50	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	231852	88.84	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1127380	60.11	ng	0.00
78) Terphenyl-d14	13.11	244	1237680	68.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	110116	23.188	ng	88
3) Pyridine	3.67	79	289521	22.604	ng	93
4) n-Nitrosodimethylamine	3.62	42	168506	32.039	ng	# 71
6) Aniline	6.65	93	306537	18.646	ng	# 85
8) 2-Chlorophenol	6.77	128	282345	29.025	ng	92
9) Benzaldehyde	6.54	77	195271	19.519	ng	94
10) Phenol	6.62	94	404334	30.327	ng	# 74
11) bis(2-Chloroethyl)ether	6.72	93	301301	27.692	ng	94
12) 1,3-Dichlorobenzene	6.92	146	308779	26.146	ng	# 88
13) 1,4-Dichlorobenzene	7.00	146	320464	27.373	ng	# 92
14) 1,2-Dichlorobenzene	7.15	146	315523	28.805	ng	95
15) Benzyl Alcohol	7.12	79	356954	28.581	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	315621	27.184	ng	87
17) 2-Methylphenol	7.23	107	268914	29.076	ng	# 87
18) Hexachloroethane	7.50	117	133958	30.753	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	243413	27.337	ng	96
20) 3+4-Methylphenols	7.38	107	332373	28.290	ng	# 80
22) Acetophenone	7.39	105	427571	27.885	ng	# 90
24) Nitrobenzene	7.57	77	367826	31.274	ng	# 87
25) Isophorone	7.80	82	652806	31.469	ng	# 92
26) 2-Nitrophenol	7.88	139	148916	37.247	ng	# 71
27) 2,4-Dimethylphenol	7.91	122	288095	34.555	ng	95
28) bis(2-Chloroethoxy)methane	8.01	93	393385	30.280	ng	98
29) 2,4-Dichlorophenol	8.12	162	268201	30.913	ng	90
30) 1,2,4-Trichlorobenzene	8.21	180	296751	28.246	ng	98
31) Naphthalene	8.29	128	812801	29.984	ng	97
32) Benzoic acid	8.01	122	118520	23.163	ng	# 71
33) 4-Chloroaniline	8.34	127	169486	14.437	ng	# 88
34) Hexachlorobutadiene	8.40	225	190721	27.130	ng	96
35) Caprolactam	8.70	113	101557m	35.985	ng	
36) 4-Chloro-3-methylphenol	8.81	107	357945	31.575	ng	# 77
37) 2-Methylnaphthalene	8.98	142	572801	32.057	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	332762	28.790	ng	99
40) Hexachlorocyclopentadiene	9.13	237	344659	57.093	ng	93

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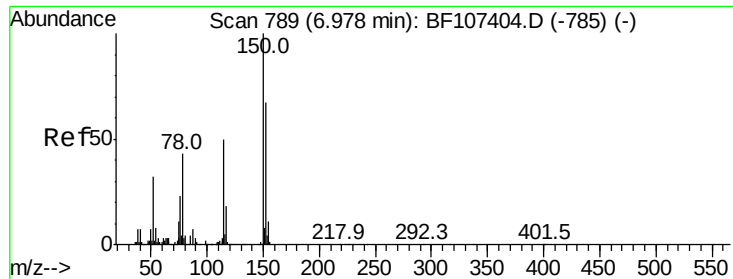
Manual Integrations
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 7/18/2018 10:43:45 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	215147	29.820	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	221973	32.160	nq #	89
45) 1,1'-Biphenyl	9.44	154	703093	27.379	nq	96
46) 2-Chloronaphthalene	9.47	162	569153	28.061	nq	97
47) 2-Nitroaniline	9.57	65	233415	37.606	nq #	67
48) Acenaphthylene	9.89	152	858300	30.323	nq	99
49) Dimethylphthalate	9.74	163	932102	39.498	nq	100
50) 2,6-Dinitrotoluene	9.81	165	158449	35.186	nq #	71
51) Acenaphthene	10.07	154	653973	34.852	nq	99
52) 3-Nitroaniline	9.98	138	107164	22.656	nq #	61
53) 2,4-Dinitrophenol	10.08	184	161202	75.666	nq #	26
54) Dibenzofuran	10.24	168	833262	28.737	nq	92
55) 4-Nitrophenol	10.14	139	236827	61.876	nq #	33
56) 2,4-Dinitrotoluene	10.21	165	218387	37.206	nq #	85
57) Fluorene	10.58	166	590460	30.746	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.35	232	201260	30.103	nq #	88
59) Diethylphthalate	10.44	149	699436	30.508	nq	95
60) 4-Chlorophenyl-phenylether	10.57	204	338715	29.611	nq	97
61) 4-Nitroaniline	10.60	138	151117	33.571	nq #	51
62) Azobenzene	10.73	77	755641	28.067	nq	90
64) 4,6-Dinitro-2-methylphenol	10.62	198	124786	38.412	nq	95
65) n-Nitrosodiphenylamine	10.69	169	561516	27.975	nq	94
66) 4-Bromophenyl-phenylether	11.06	248	200463	27.570	nq	90
67) Hexachlorobenzene	11.12	284	195609	29.063	nq #	88
68) Atrazine	11.21	200	223322	29.442	nq	97
69) Pentachlorophenol	11.32	266	224045	45.045	nq	95
70) Phenanthrene	11.55	178	964671	30.458	nq	100
71) Anthracene	11.59	178	957405	30.349	nq	99
72) Carbazole	11.75	167	822658	27.546	nq	95
73) Di-n-butylphthalate	12.07	149	1046202	30.482	nq #	97
74) Fluoranthene	12.74	202	1054571	29.295	nq	94
76) Benzidine	12.85	184	230396	13.279	nq	98
77) Pyrene	12.97	202	1032827	33.974	nq	98
79) Butylbenzylphthalate	13.58	149	446855	40.354	nq #	87
80) Benzo(a)anthracene	14.16	228	872233	31.888	nq	98
81) 3,3'-Dichlorobenzidine	14.12	252	177975	19.401	nq #	98
82) Chrysene	14.19	228	798524	30.561	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	598757	37.733	nq	96
84) Di-n-octyl phthalate	14.75	149	924061	37.461	nq #	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	706653	37.994	nq #	90
87) Benzo(b)fluoranthene	15.25	252	722335	31.594	nq	96
88) Benzo(k)fluoranthene	15.28	252	665212	29.814	nq #	95
89) Benzo(a)pyrene	15.64	252	655724	31.248	nq	97
90) Dibenzo(a,h)anthracene	17.30	278	578962	36.557	nq #	91
91) Benzo(g,h,i)perylene	17.77	276	607888	37.775	nq #	90

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



#1

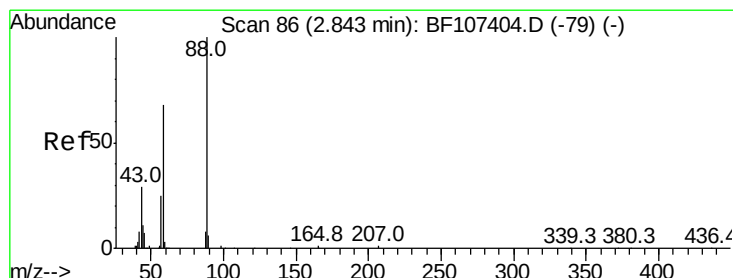
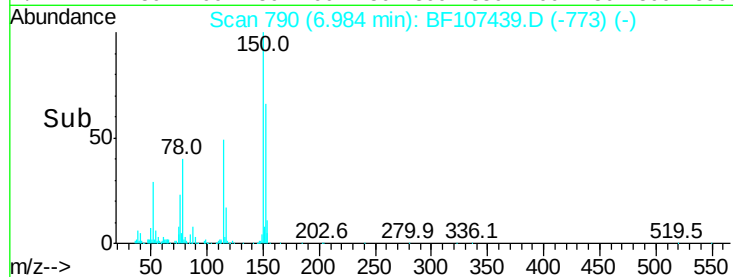
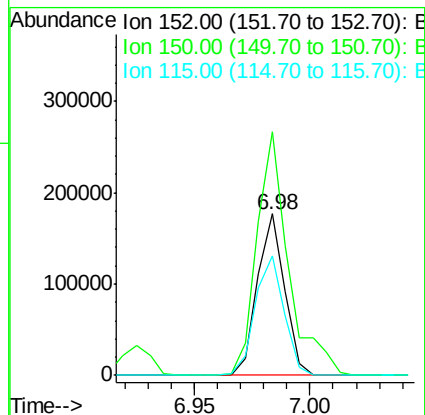
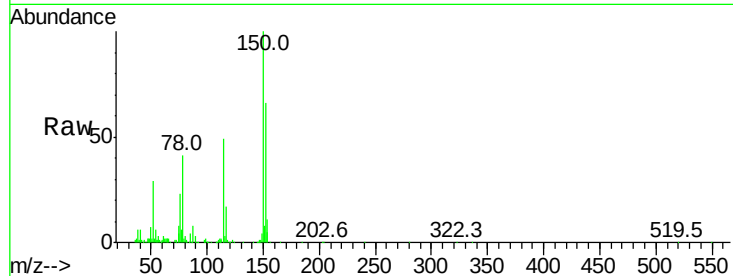
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	74.0	50.1	75.1

Manual Integrations
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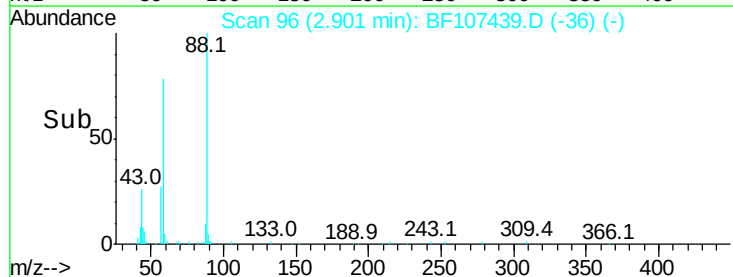
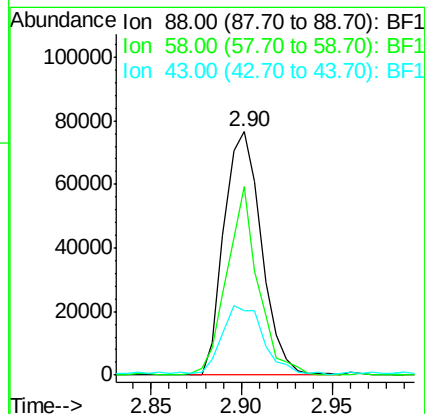
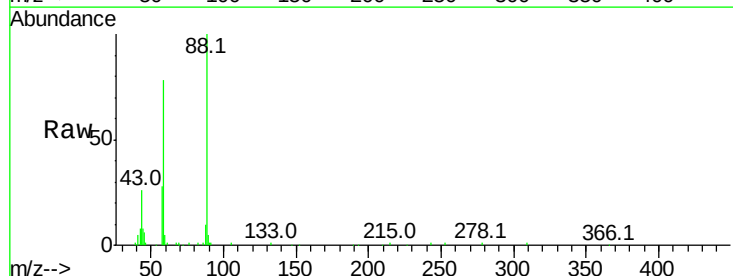
Sohil
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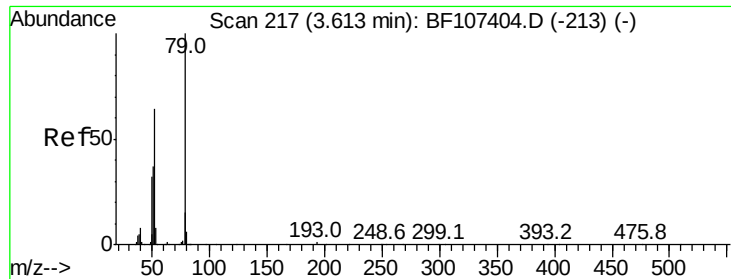


#2

1,4-Dioxane
Concen: 23.188 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.05 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	62.6	93.8
43	32.7	24.6	37.0





#3

Pvridine

Concen: 22.604 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

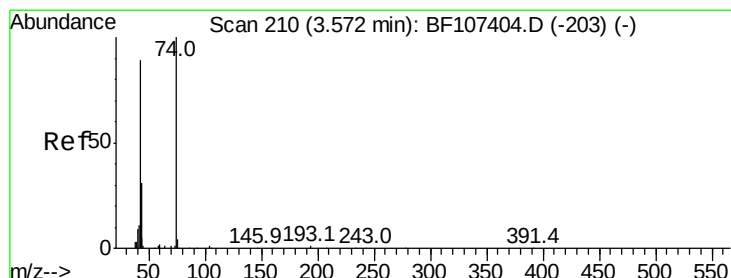
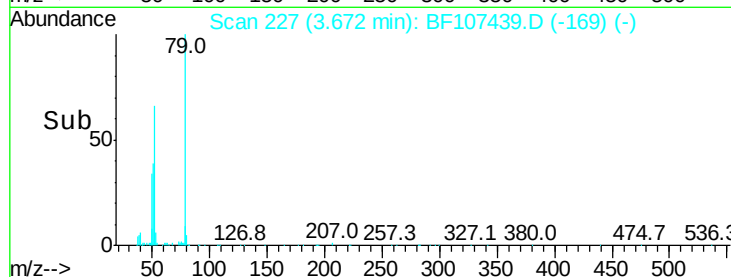
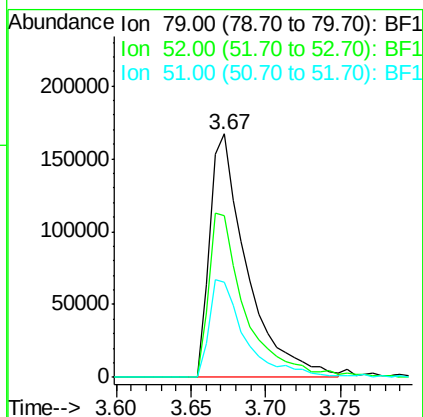
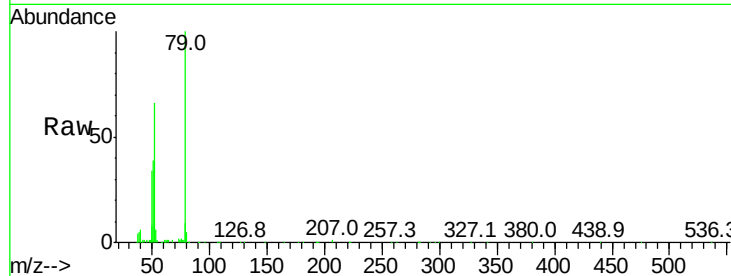
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		289521		
52	66.5	59.8	89.6		
51	38.9	29.8	44.8		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.039 ng

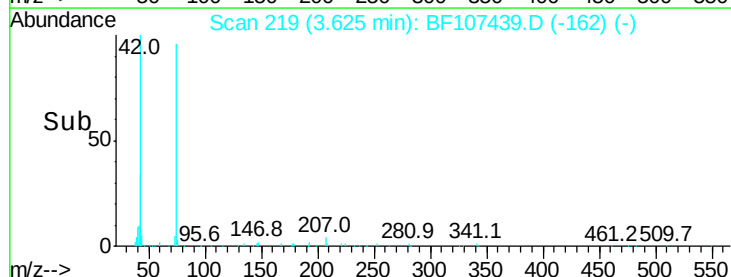
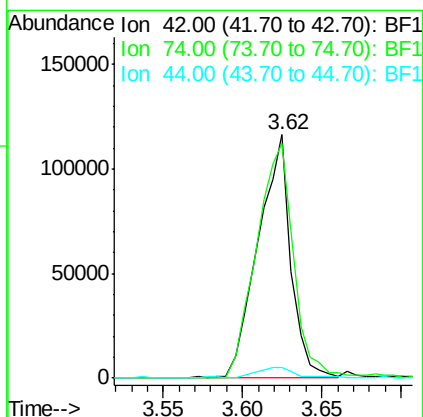
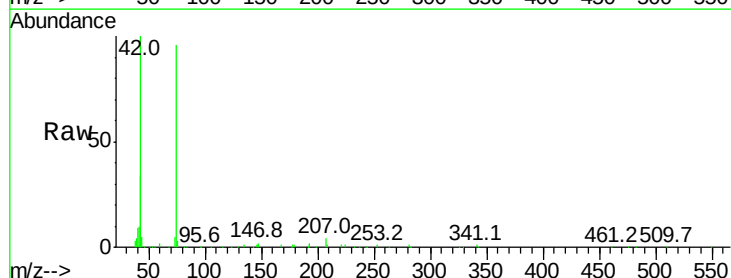
RT: 3.62 min Scan# 219

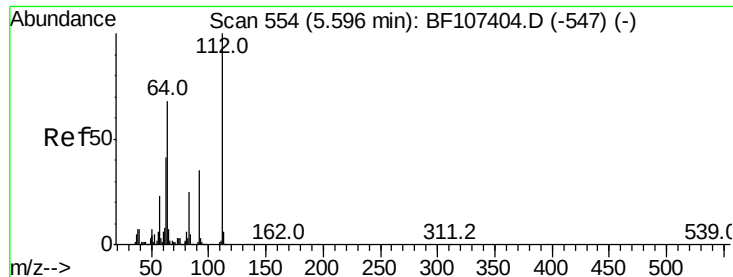
Delta R.T. 0.04 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		168506		
74	96.3	104.9	157.3#		
44	4.6	6.9	10.3#		





#5

2-Fluorophenol

Concen: 79.097 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

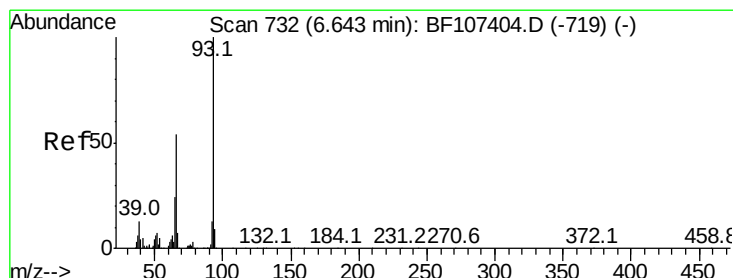
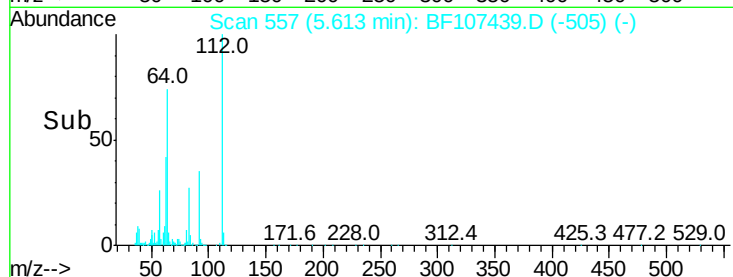
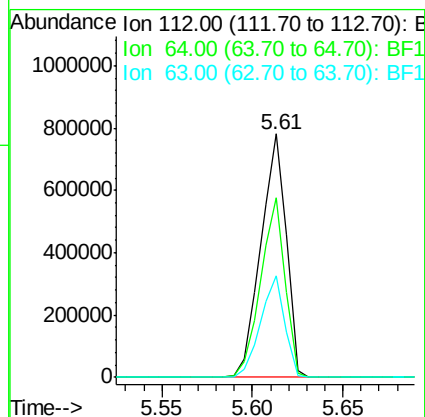
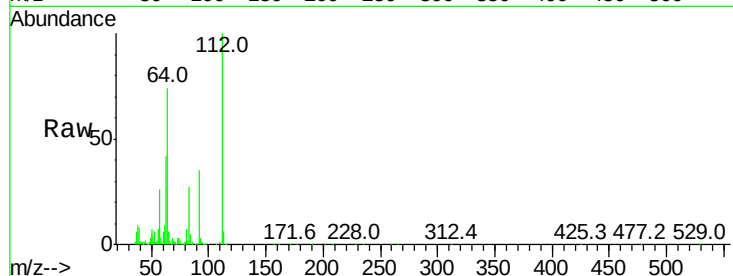
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		760818		
64	73.5	47.9	71.9#		
63	41.6	23.7	35.5#		

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#6

Aniline

Concen: 18.646 ng

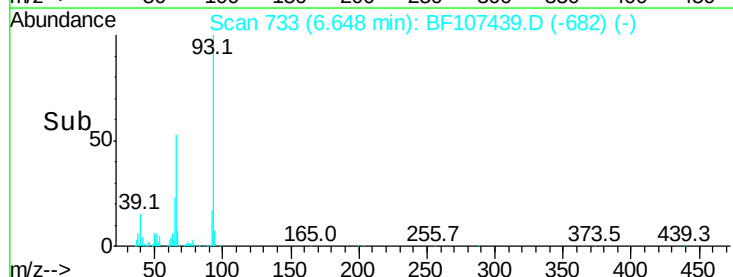
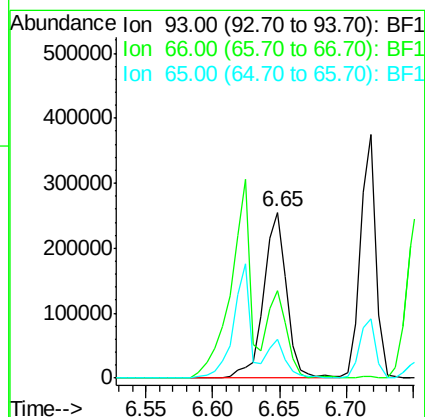
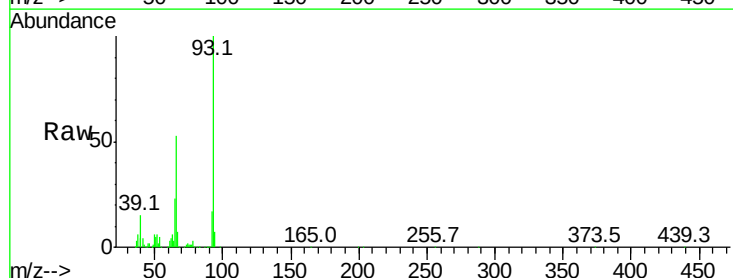
RT: 6.65 min Scan# 733

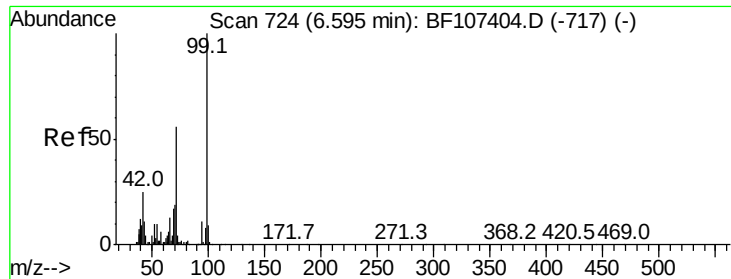
Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		306537		
66	52.8	32.2	48.2#		
65	23.2	16.4	24.6		





#7

Phenol-d6

Concen: 82.327 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MS

Tot Ion: 99 Resp: 1023820

Ion Ratio Lower Upper

99 100

42 25.0 14.5 21.7#

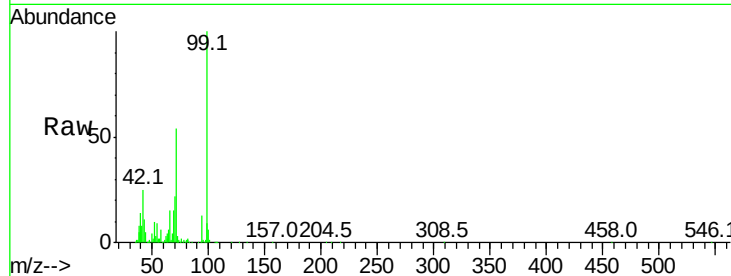
71 53.6 25.4 38.0#

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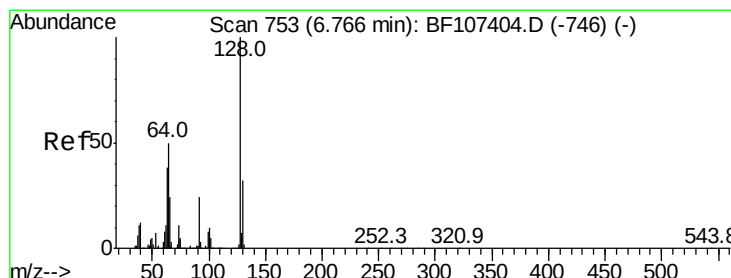
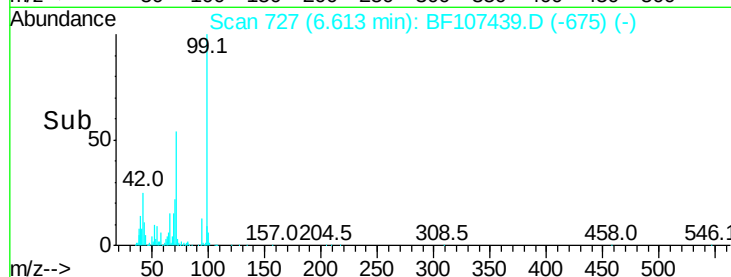
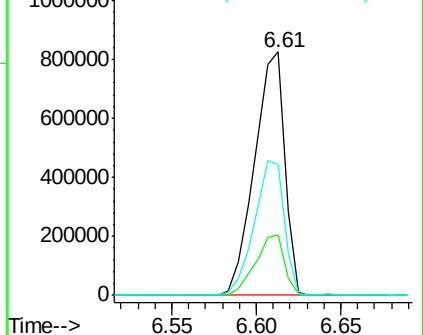
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 29.025 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

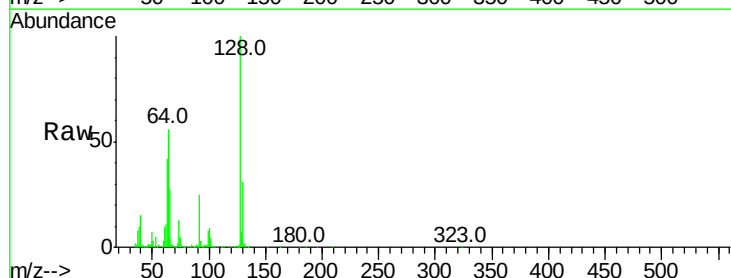
Tgt Ion: 128 Resp: 282345

Ion Ratio Lower Upper

128 100

130 31.0 13.0 53.0

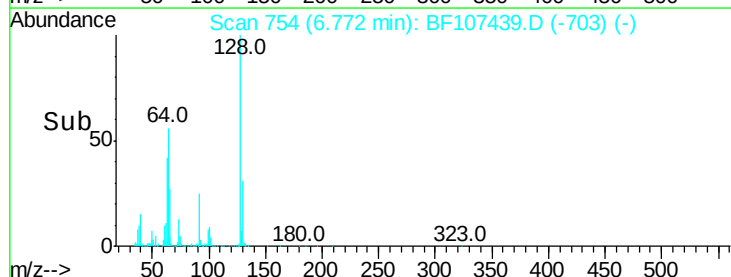
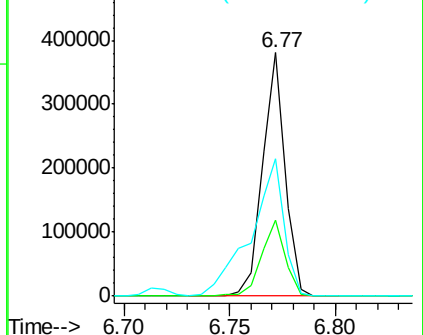
64 56.4 29.4 69.4

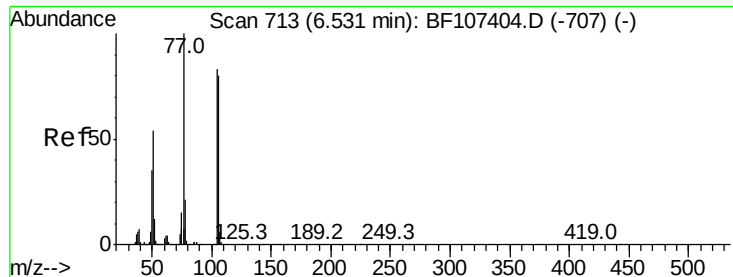


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.519 ng

RT: 6.54 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

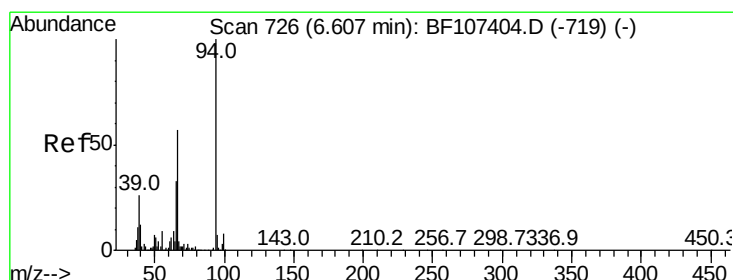
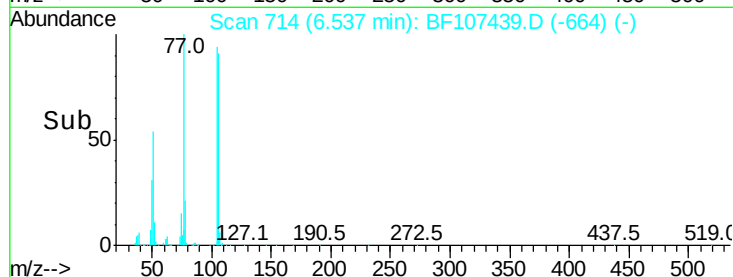
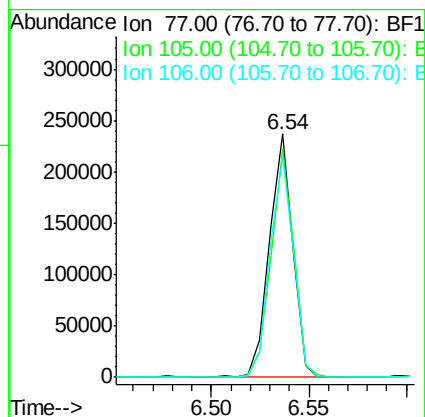
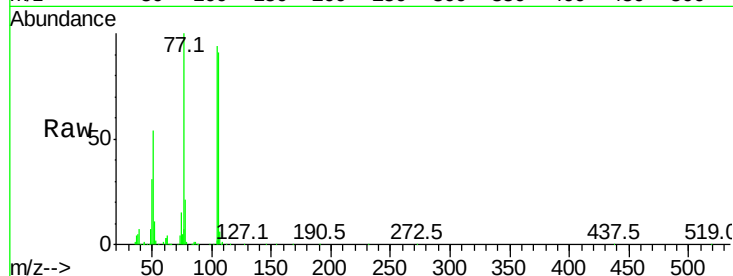
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	77	Resp:	195271
Ion Ratio	Lower	Upper	
77	100		
105	94.0	81.1	121.1
106	90.7	74.5	114.5

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#10

Phenol

Concen: 30.327 ng

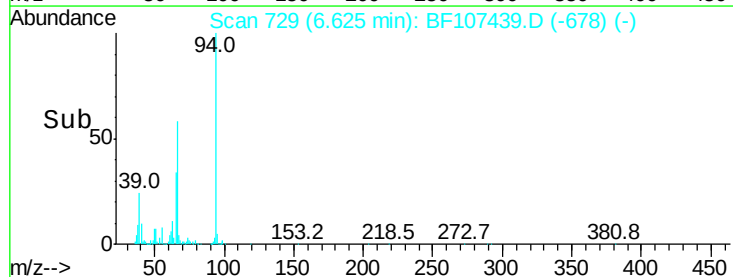
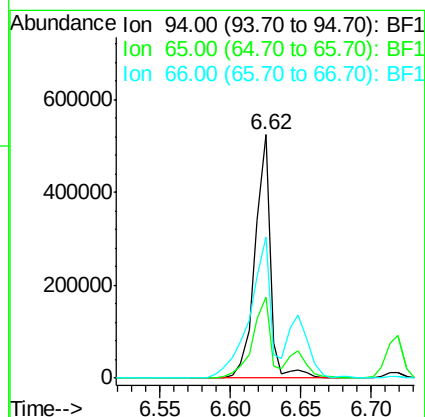
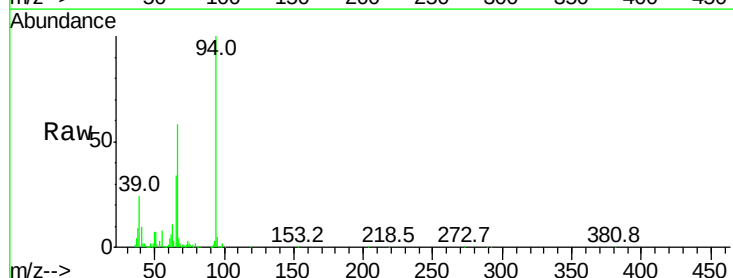
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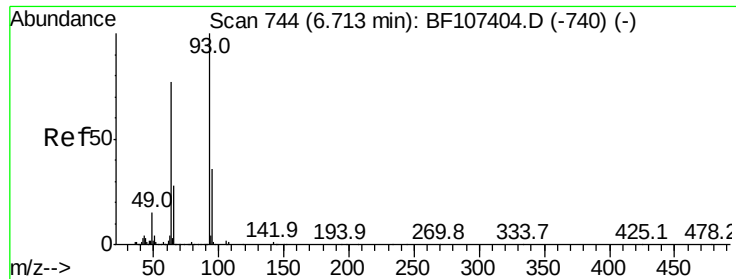
Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	94	Resp:	404334
Ion Ratio	Lower	Upper	
94	100		
65	33.5	7.9	47.9
66	58.2	16.2	56.2





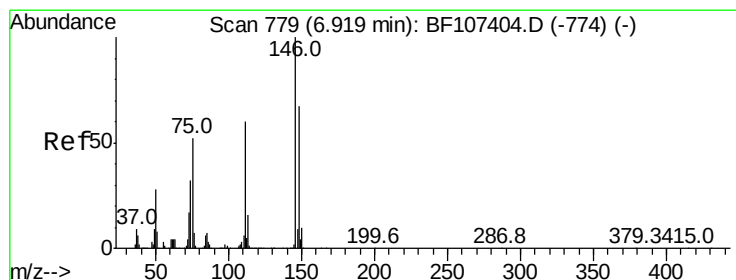
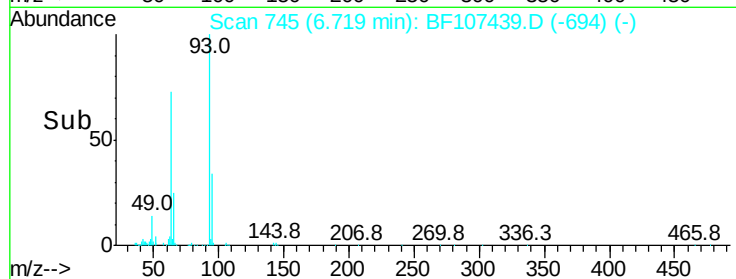
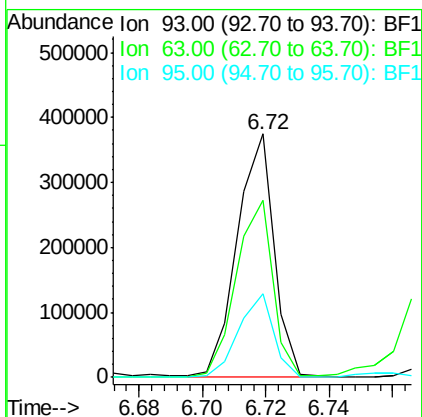
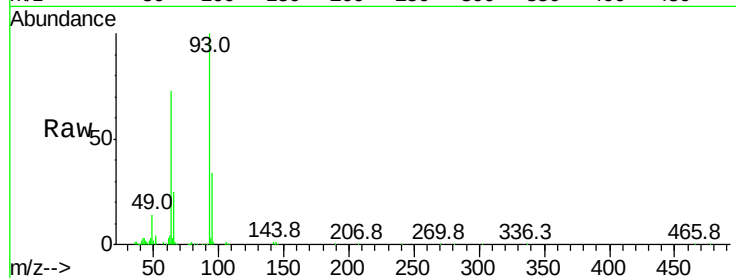
#11
bis(2-Chloroethyl)ether
Concen: 27.692 ng
RT: 6.72 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	301301		
63	72.6	58.6	98.6	
95	34.3	11.8	51.8	

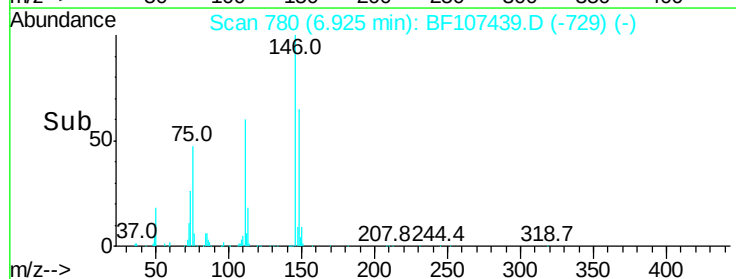
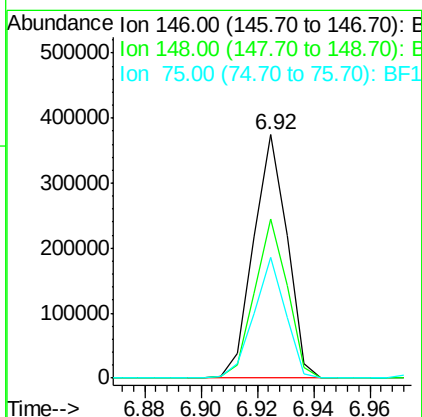
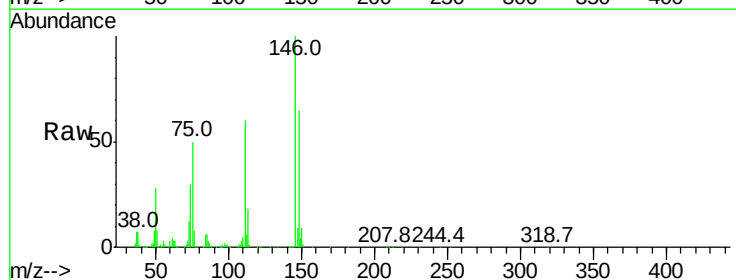
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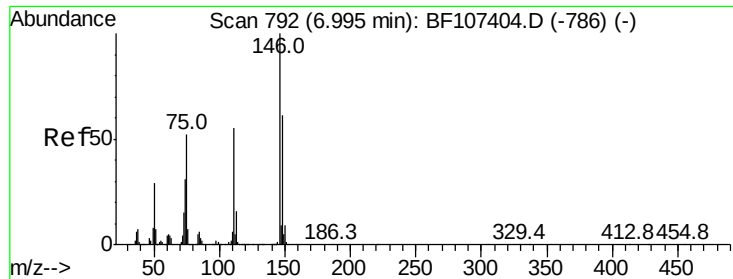
Sohil
7/18/2018 10:43:45 AM



#12
1,3-Dichlorobenzene
Concen: 26.146 ng
RT: 6.92 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	308779		
148	65.4	51.8	77.8	
75	49.8	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 27.373 ng

RT: 7.00 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

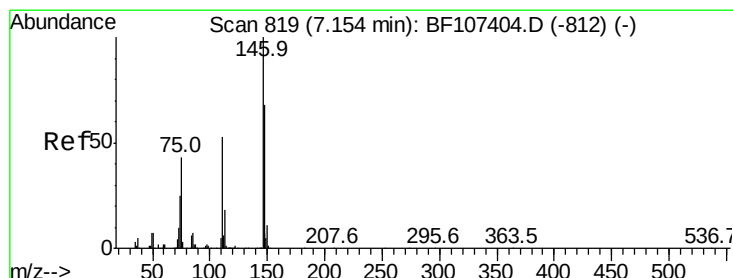
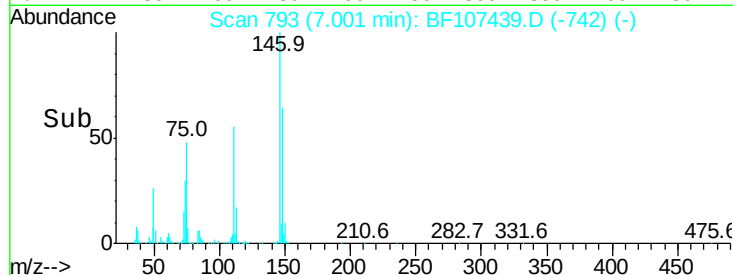
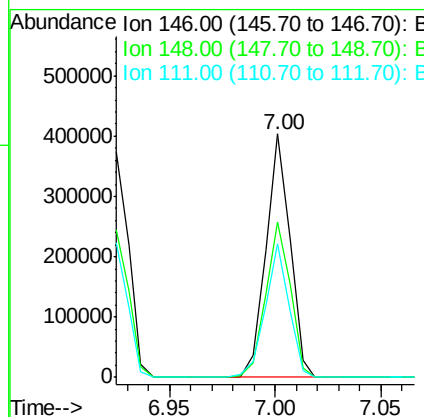
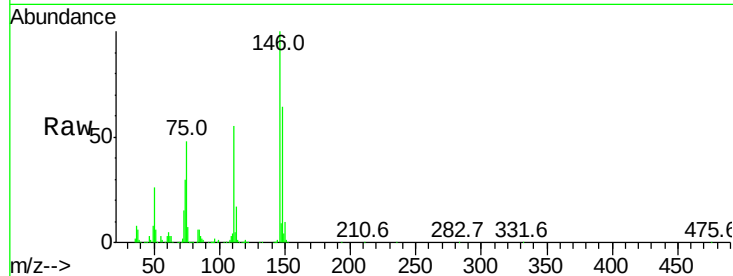
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	146	Resp:	320464
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	55.1	34.2	51.2#

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7/18/2018 10:43:45 AM



#14

1,2-Dichlorobenzene

Concen: 28.805 ng

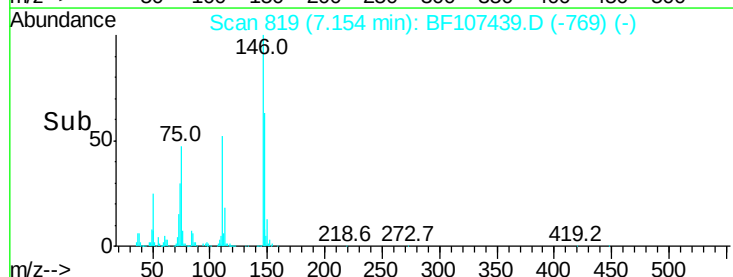
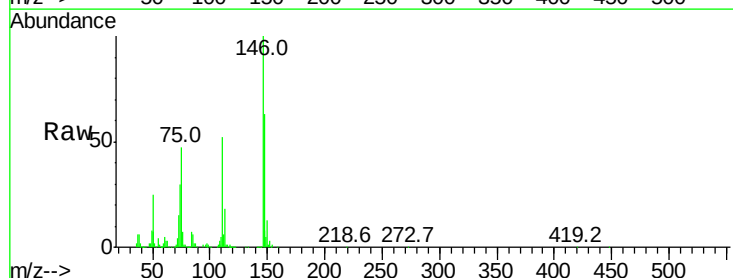
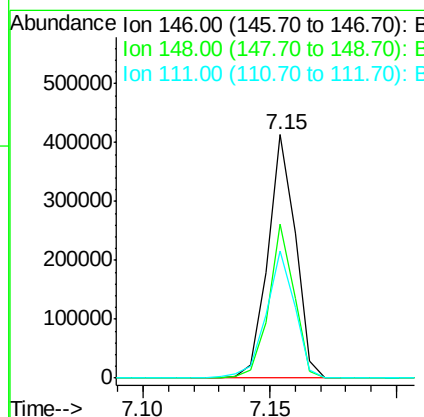
RT: 7.15 min Scan# 819

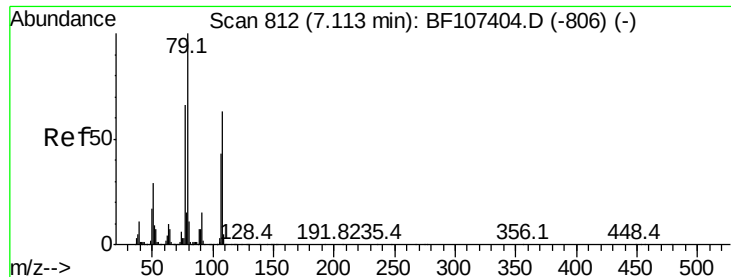
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	146	Resp:	315523
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	52.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 28.581 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

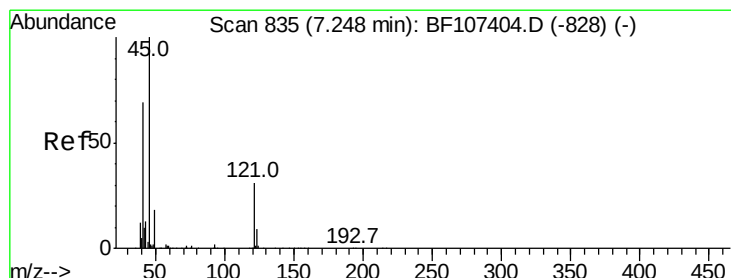
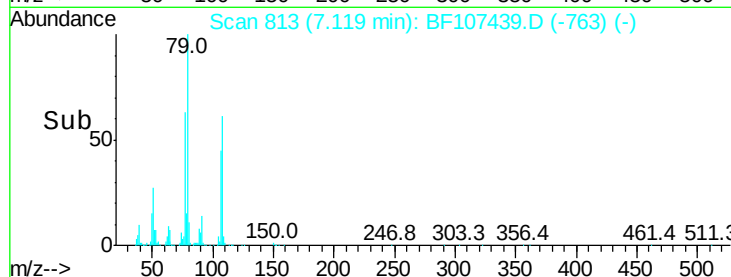
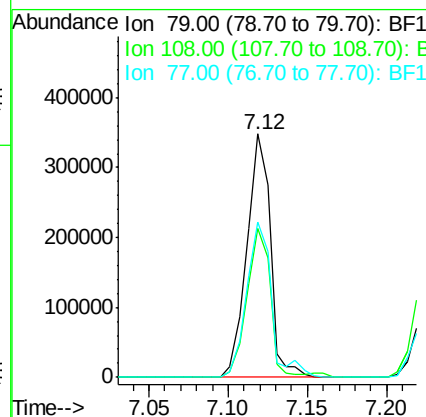
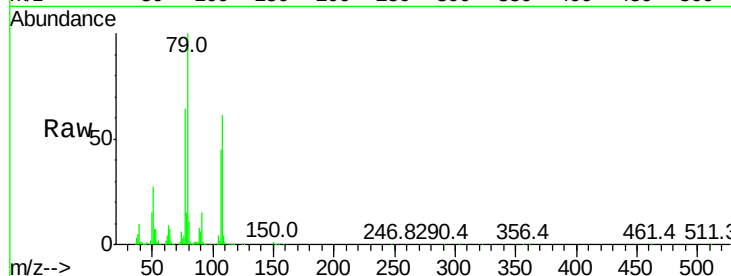
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.4	65.1	97.7#
77	63.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.184 ng

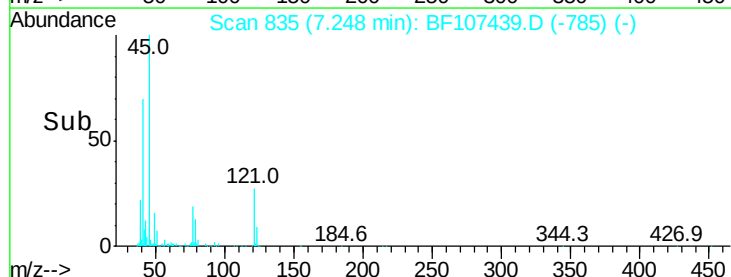
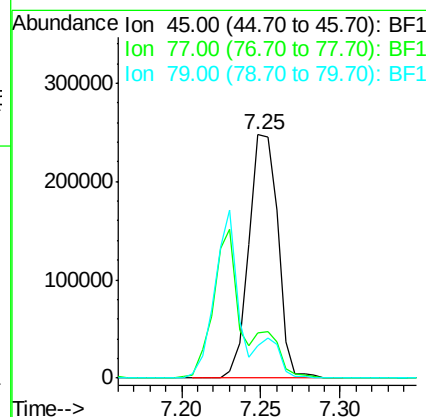
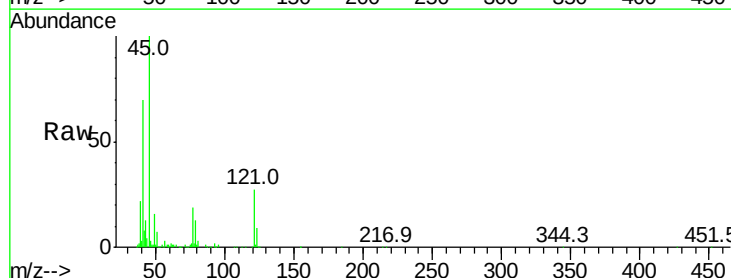
RT: 7.25 min Scan# 835

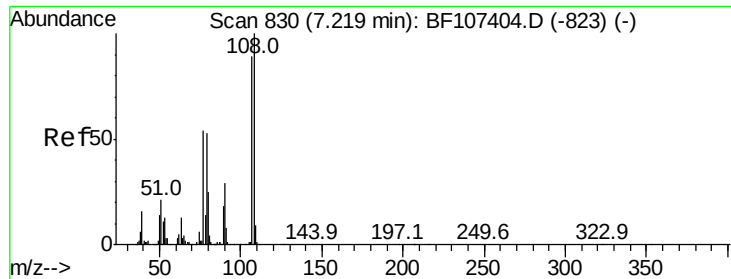
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	32.9
79	13.1	0.0	29.6





#17

2-Methylphenol

Concen: 29.076 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

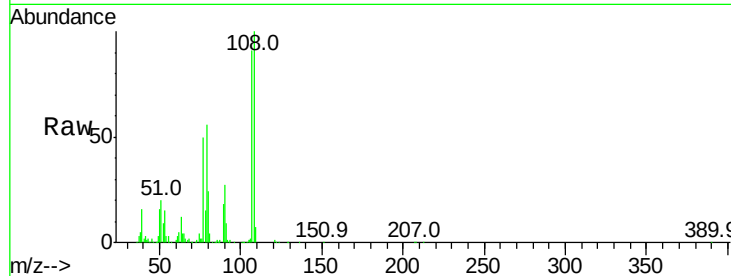
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	91.7	137.5	
77	54.9	33.8	50.8#	
79	61.6	33.8	50.8#	

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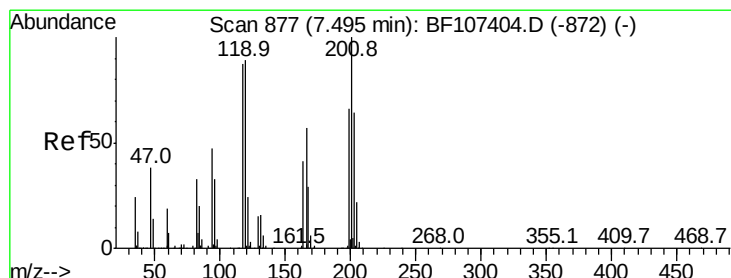
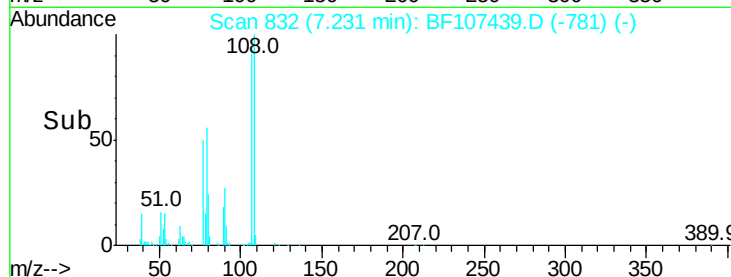
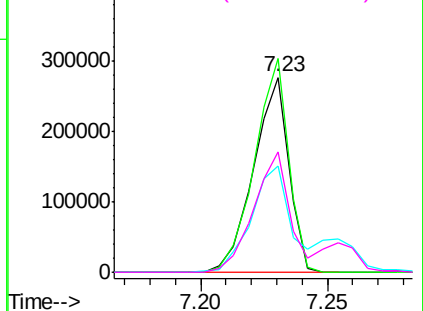


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.753 ng

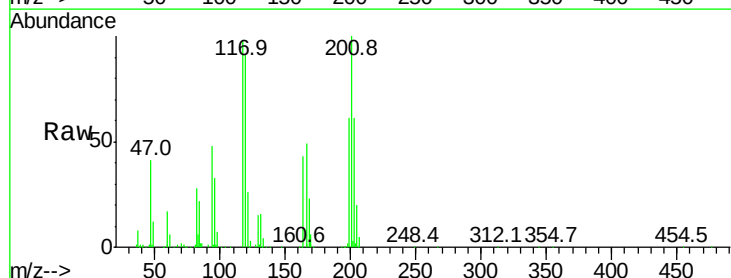
RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

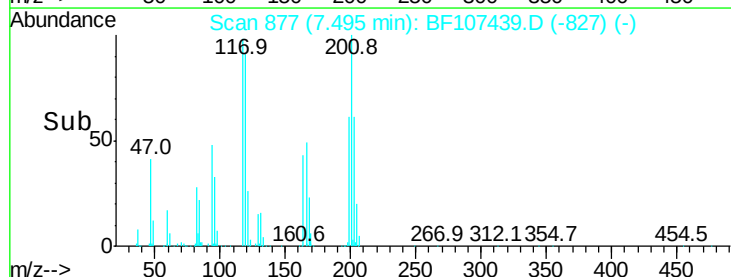
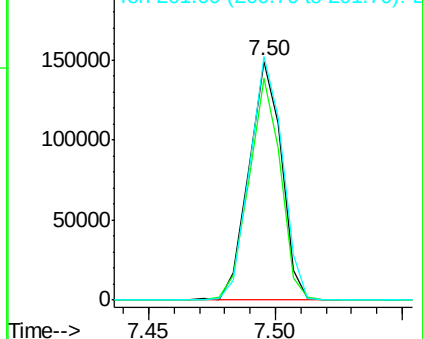
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	75.8	113.8	
201	101.9	75.7	113.5	

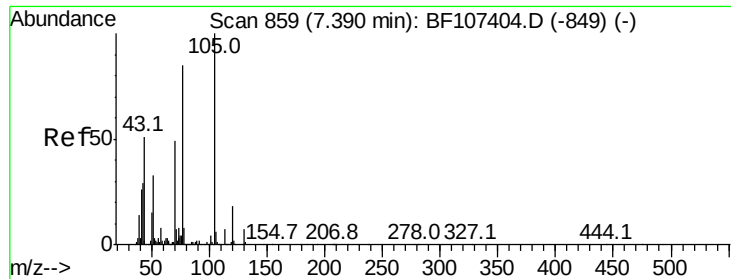


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





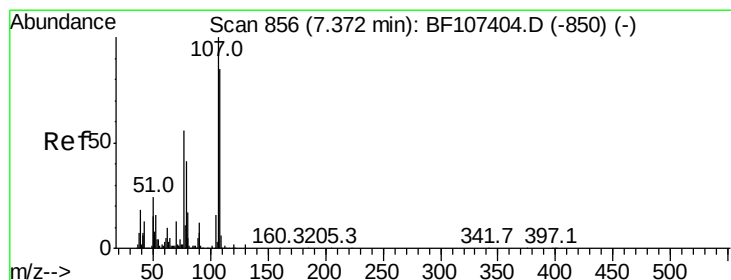
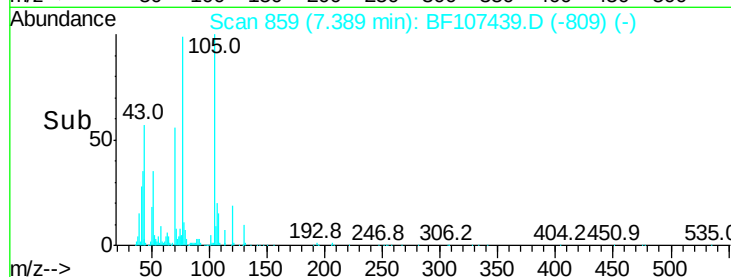
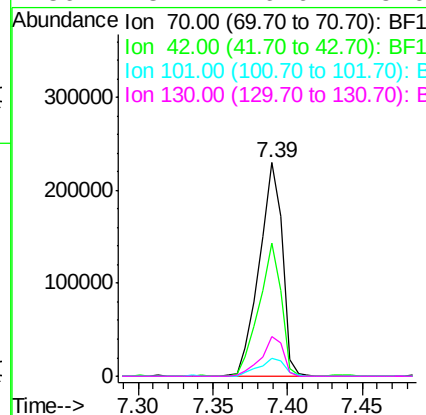
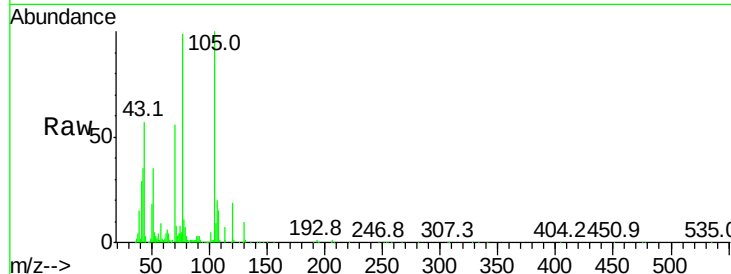
#19
n-Nitroso-di-n-propylamine
Concen: 27.337 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	70	Resp	243413
Ion Ratio	Lower	Upper	
70	100		
42	62.3	47.5	71.3
101	8.3	7.4	11.2
130	18.7	16.6	25.0

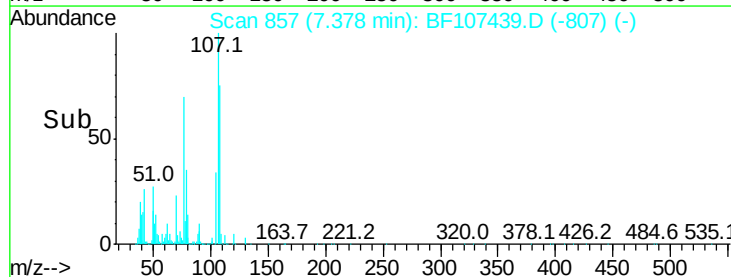
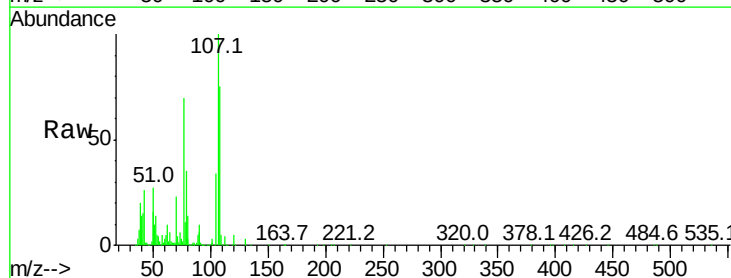
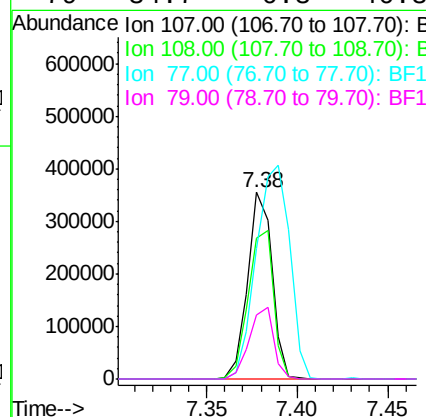
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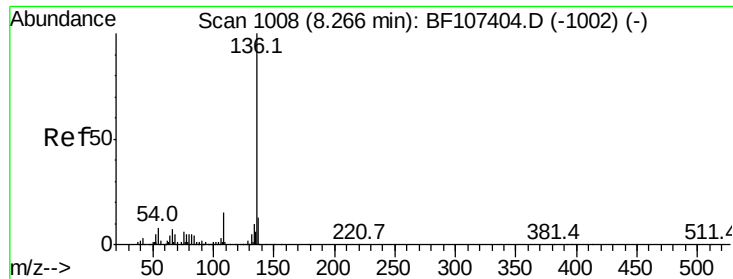
Sohil
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#20
3+4-Methylphenols
Concen: 28.290 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	107	Resp	332373
Ion Ratio	Lower	Upper	
107	100		
108	75.5	68.2	108.2
77	70.3	26.7	66.7#
79	34.7	6.3	46.3





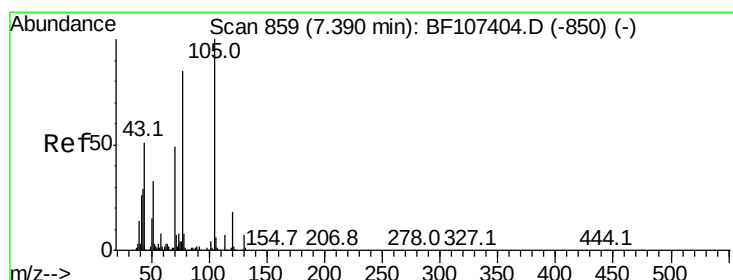
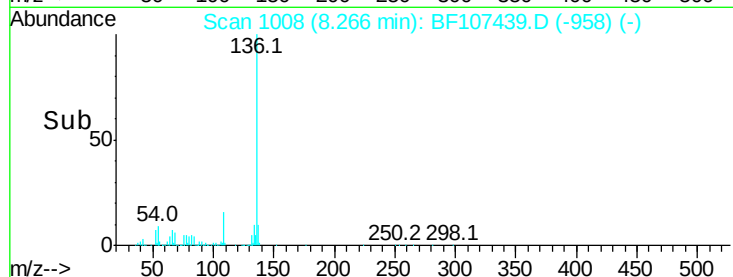
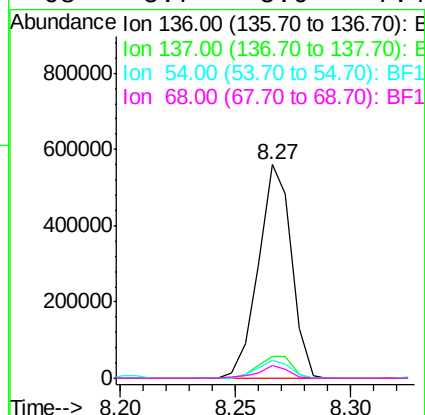
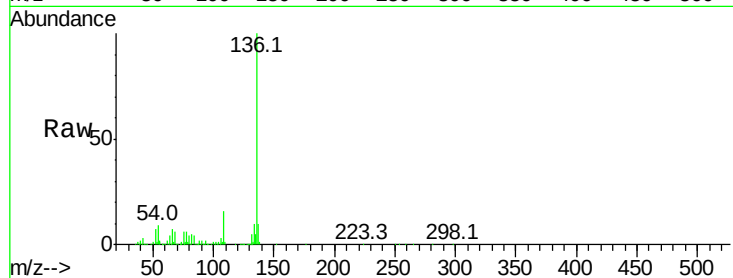
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	8.6	6.6	9.8	
68	5.7	5.0	7.4	

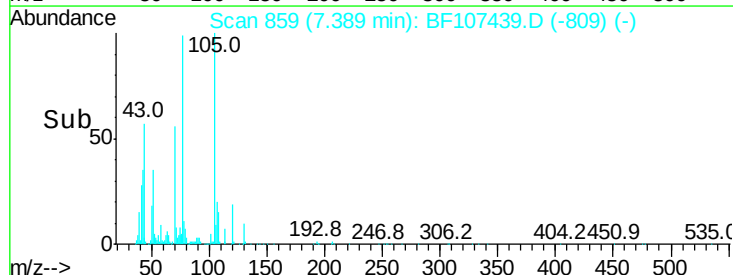
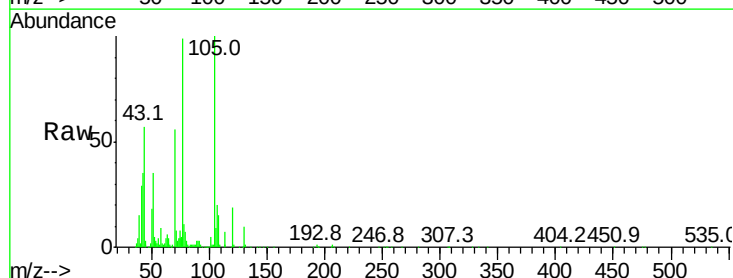
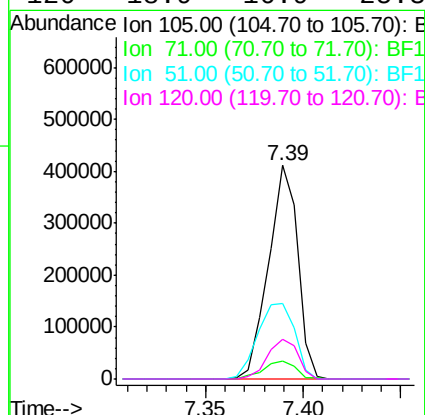
Manual Integrations
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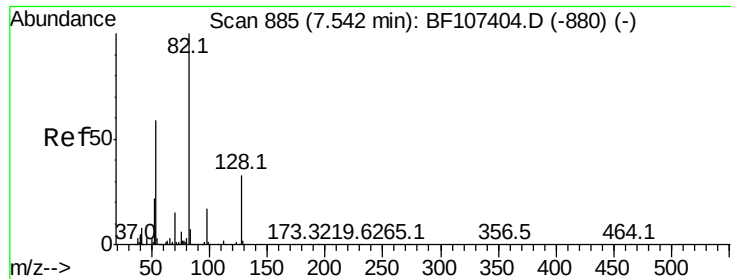
Sohil
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#22
Acetophenone
Concen: 27.885 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.4	6.6#	
51	35.4	22.3	33.5#	
120	18.9	16.9	25.3	





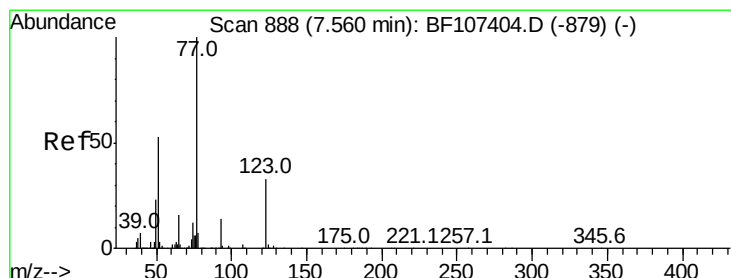
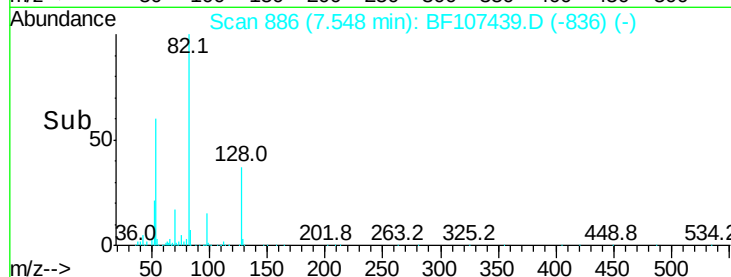
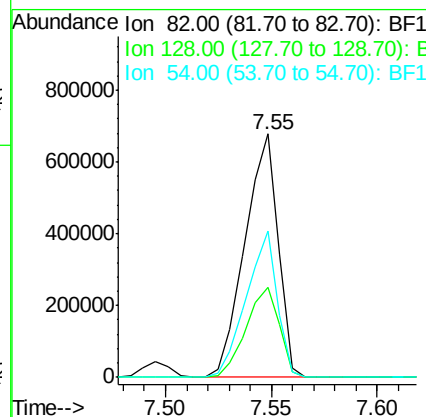
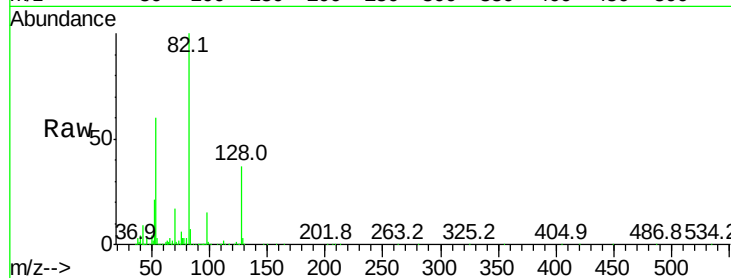
#23
 Nitrobenzene-d5
 Concen: 70.501 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.8	36.1	54.1
54	60.0	41.4	62.2

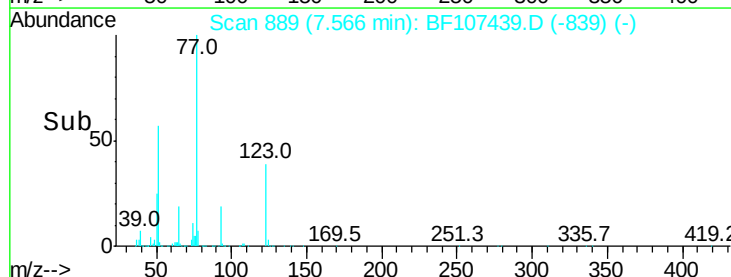
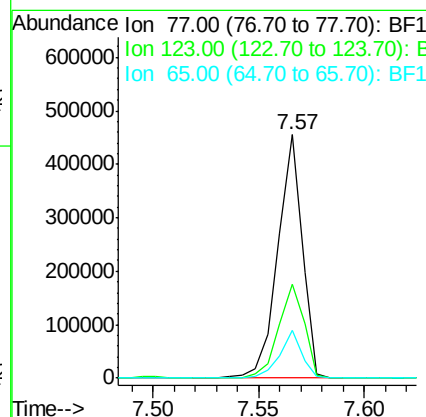
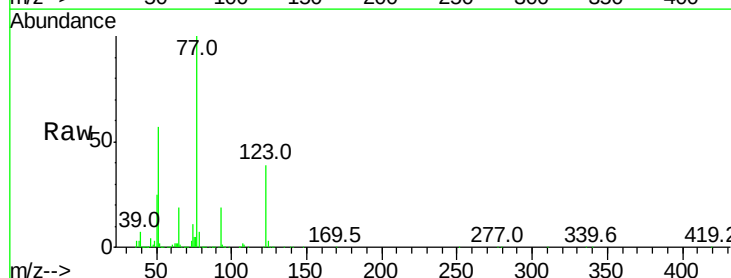
Manual Integrations
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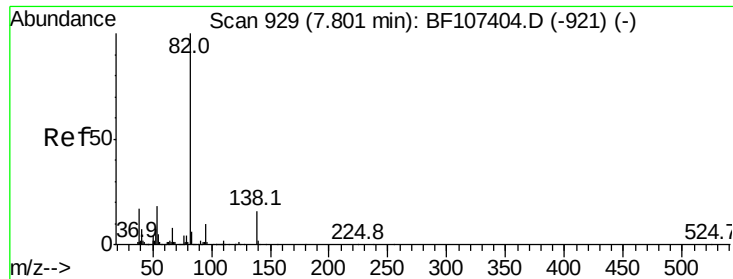
Sohil
 7/18/2018 10:43:45 AM



#24
 Nitrobenzene
 Concen: 31.274 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	37.9	56.9
65	19.4	11.0	16.4





#25

Isophorone

Concen: 31.469 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

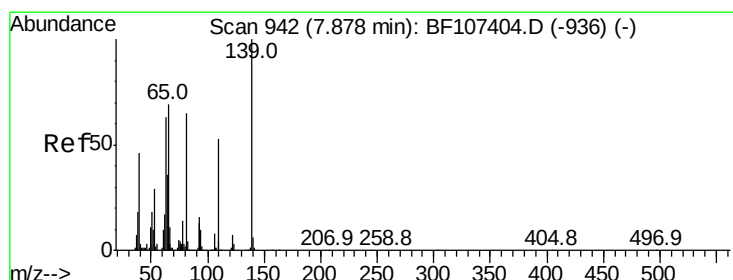
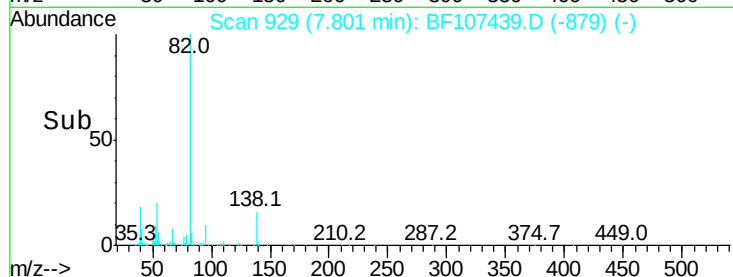
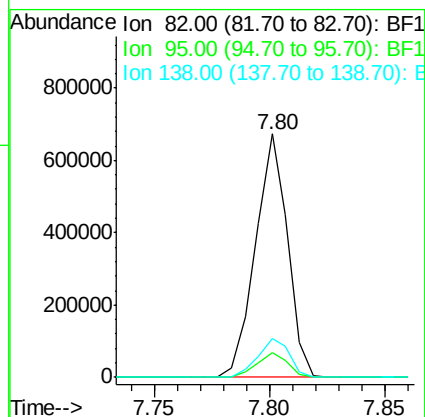
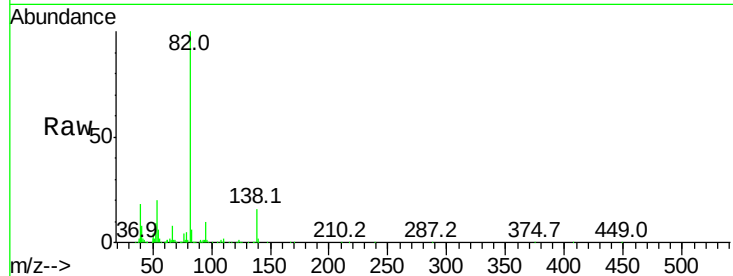
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	82	Resp:	652806
Ion Ratio	Lower	Upper	
82	100		
95	10.4	5.2	7.8#
138	15.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.247 ng

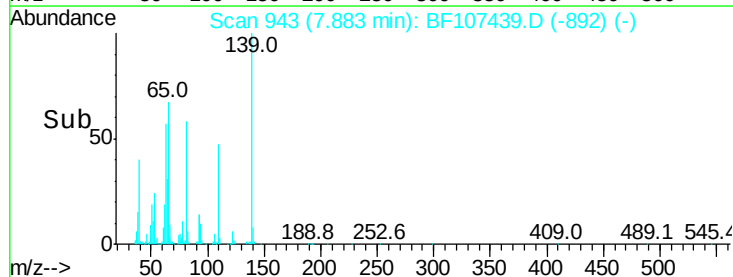
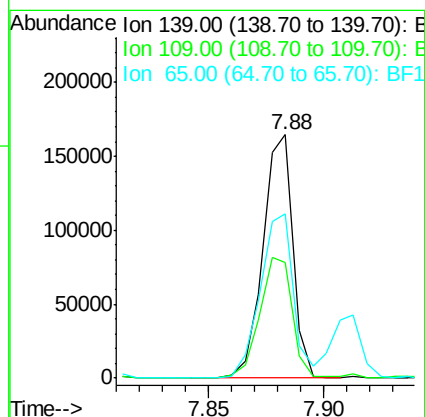
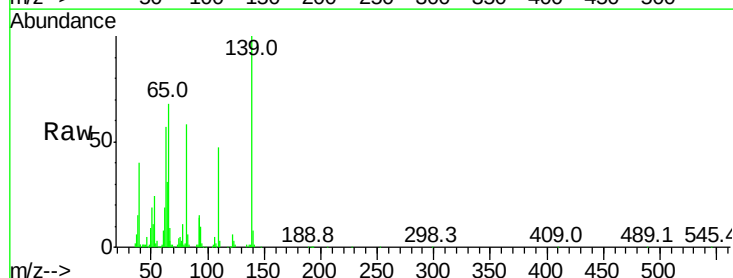
RT: 7.88 min Scan# 943

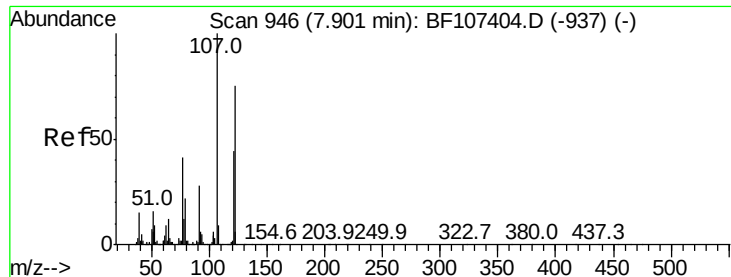
Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	139	Resp:	148916
Ion Ratio	Lower	Upper	
139	100		
109	47.3	22.7	34.1#
65	67.6	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 34.555 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

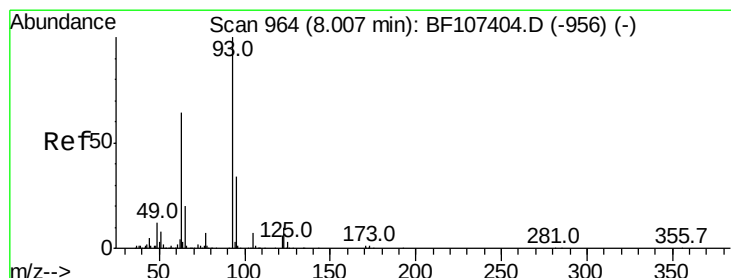
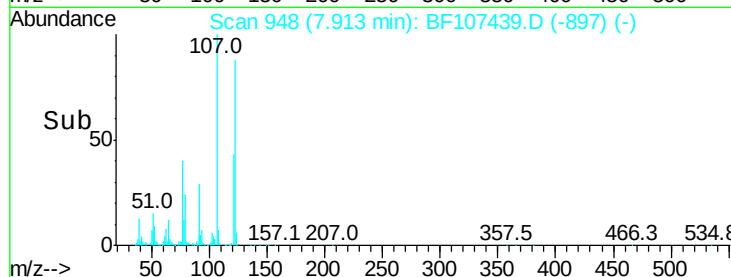
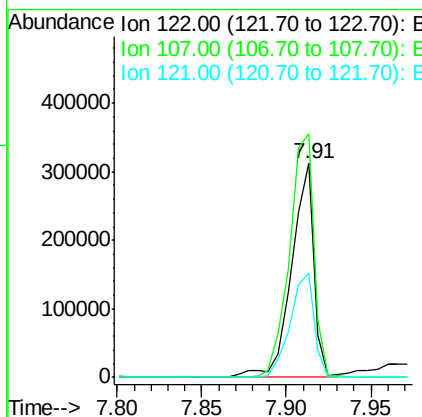
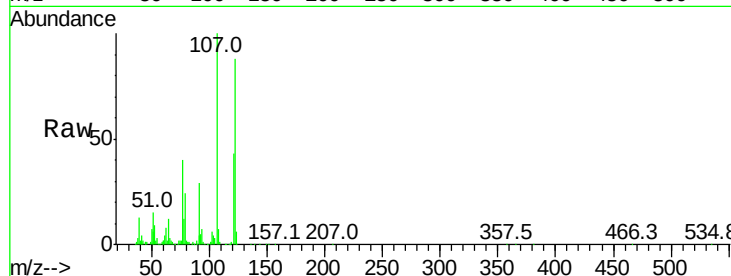
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	122	Resp:	288095
Ion Ratio	Lower	Upper	
122	100		
107	113.9	91.2	136.8
121	48.8	47.2	70.8

Manual Integrations
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7/18/2018 10:43:45 AM



#28

bis(2-Chloroethoxy)methane

Concen: 30.280 ng

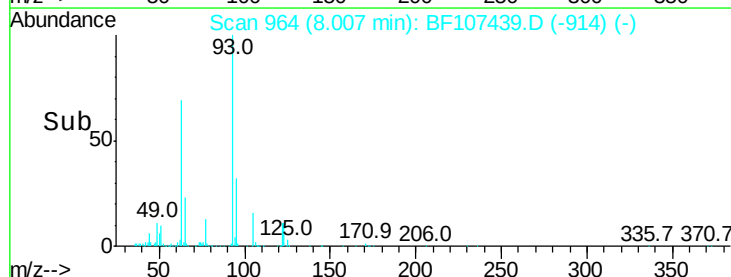
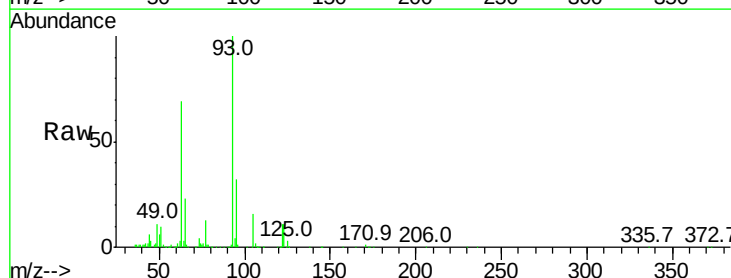
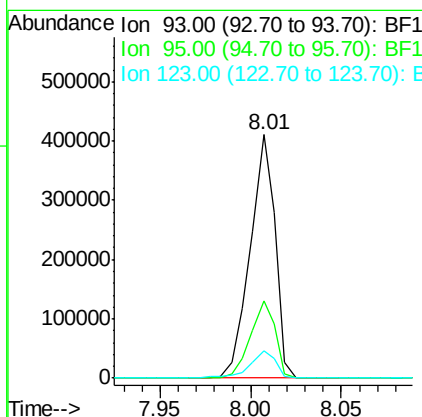
RT: 8.01 min Scan# 964

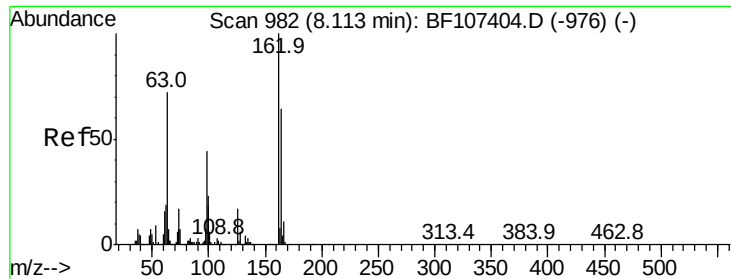
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	93	Resp:	393385
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.3	39.5
123	11.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 30.913 ng

RT: 8.12 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

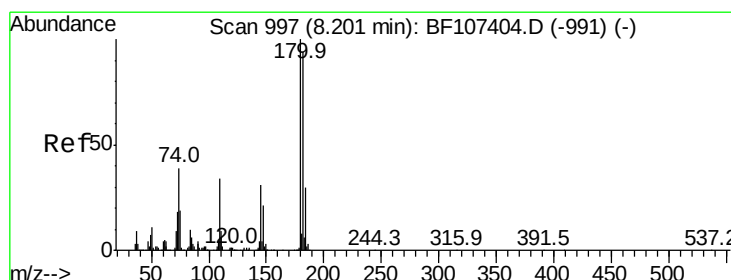
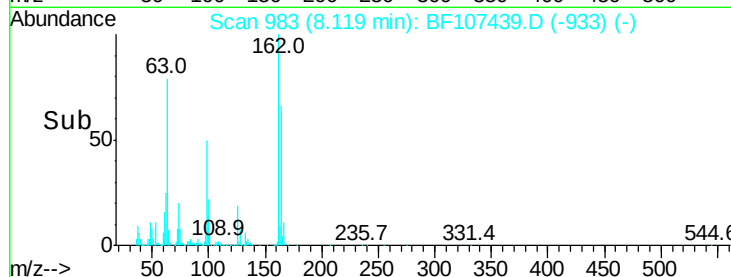
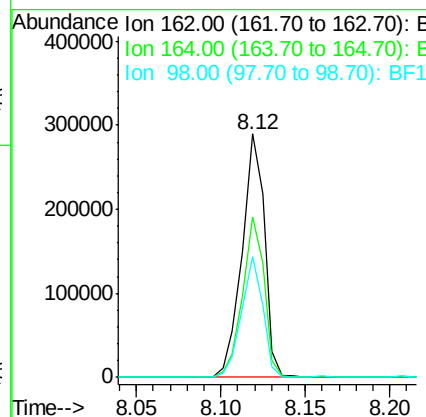
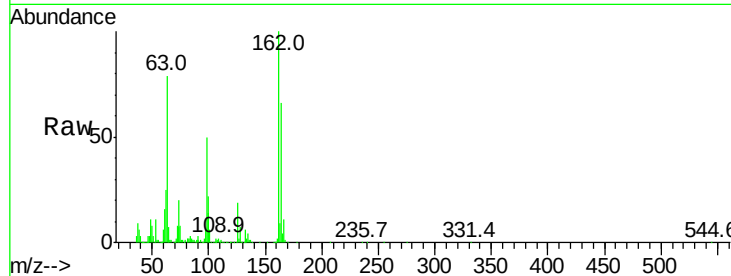
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	268201		
164	65.9	42.7	82.7	
98	49.5	18.1	58.1	

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 28.246 ng

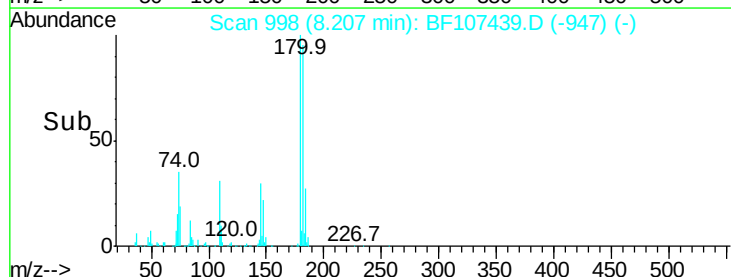
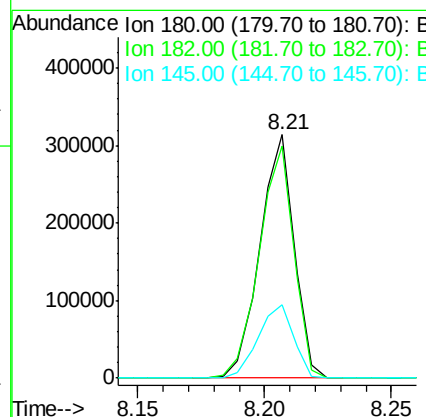
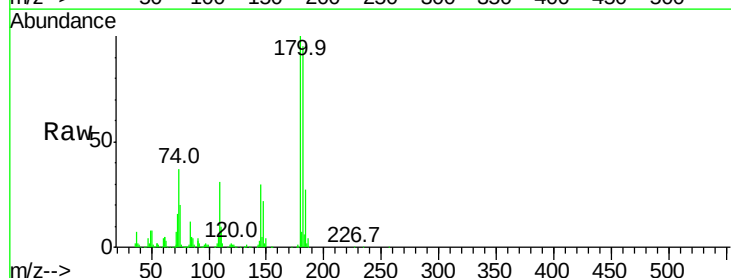
RT: 8.21 min Scan# 998

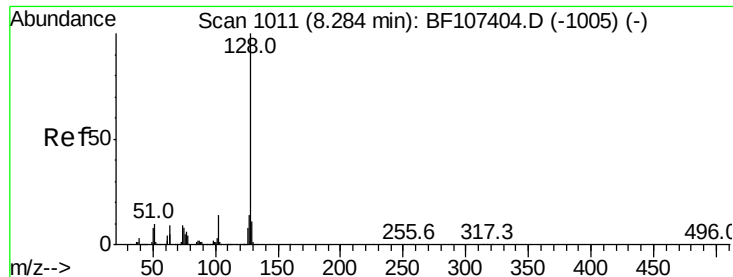
Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	296751		
182	95.2	76.8	115.2	
145	30.0	26.5	39.7	





#31

Naphthalene

Concen: 29.984 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

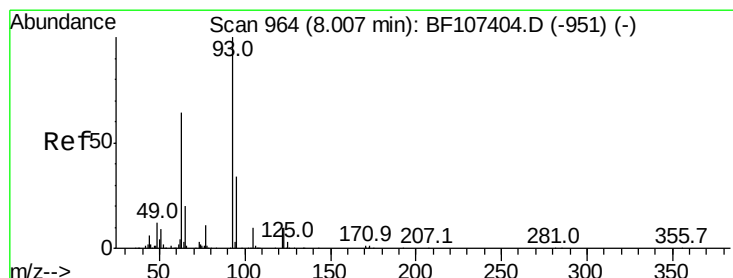
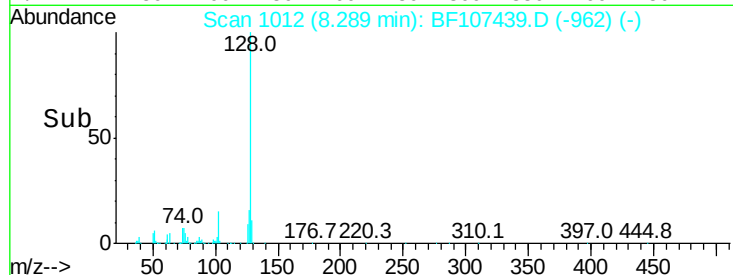
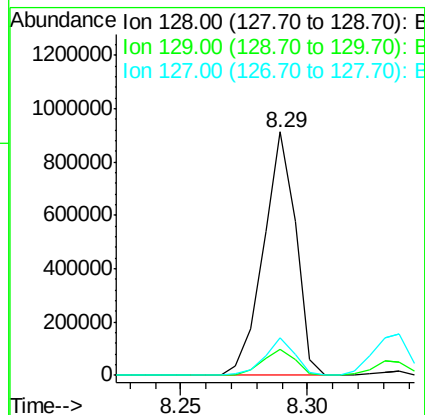
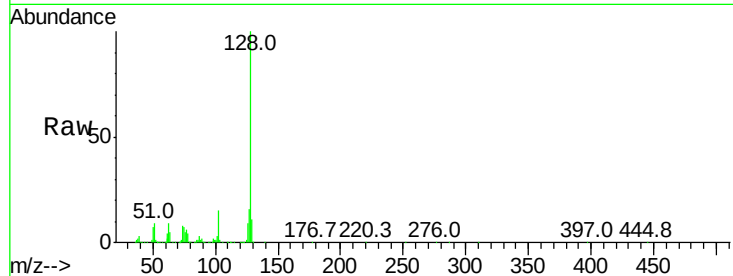
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	128	Resp:	812801
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	15.7	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 23.163 ng

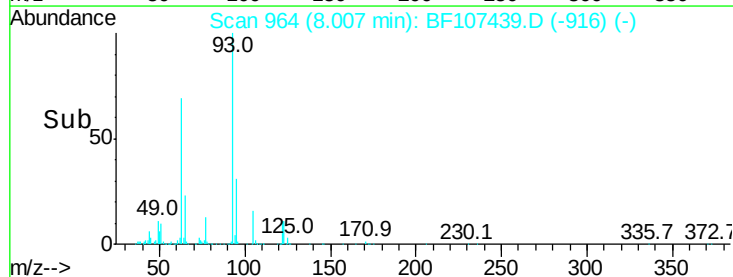
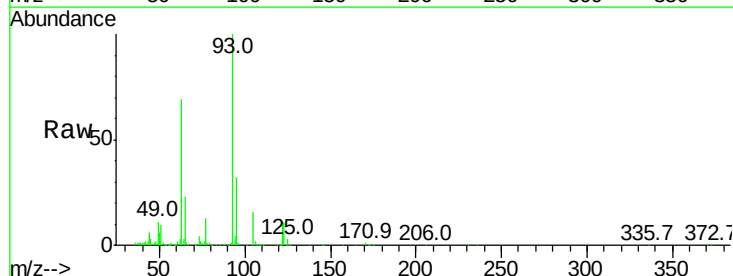
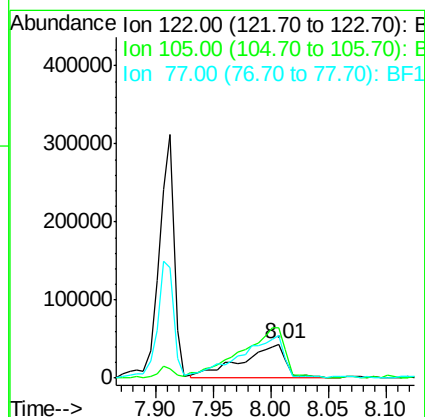
RT: 8.01 min Scan# 964

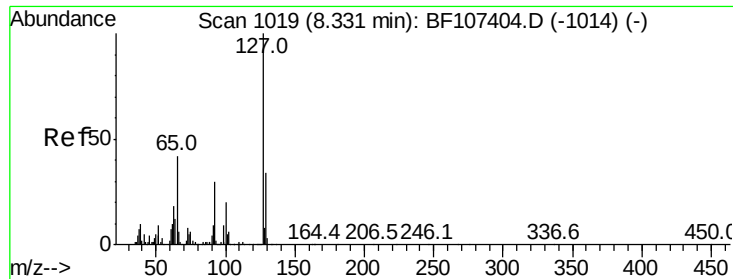
Delta R.T. -0.02 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	122	Resp:	118520
Ion Ratio	Lower	Upper	
122	100		
105	148.1	101.1	141.1#
77	124.6	70.7	110.7#





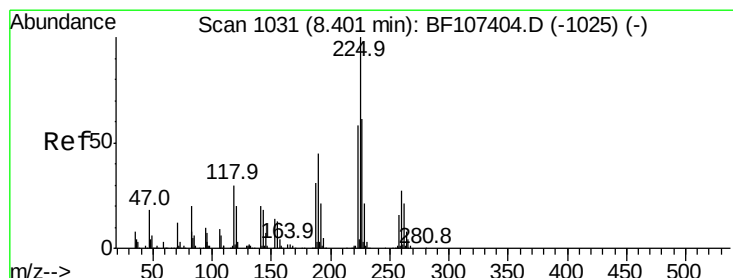
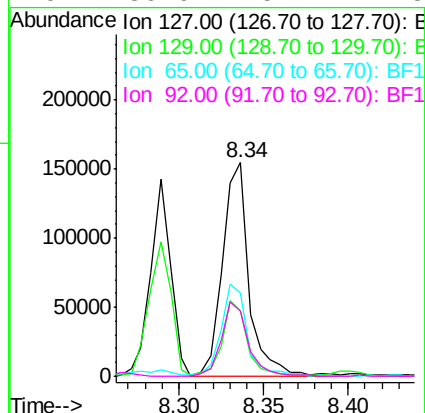
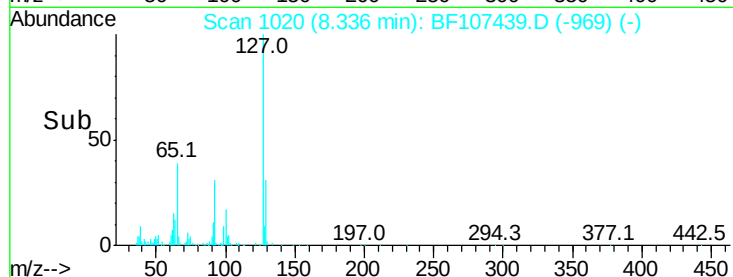
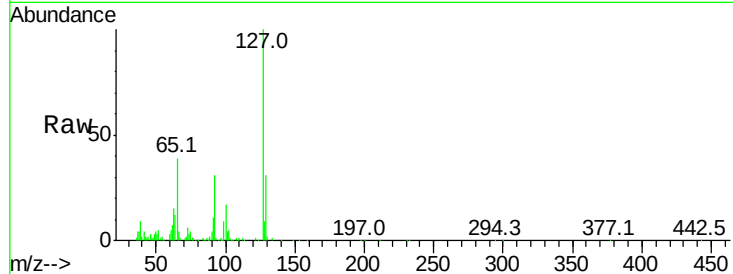
#33
4-Chloroaniline
Concen: 14.437 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7		25.9	38.9	
65	38.8		25.0	37.4	
92	30.9		15.2	22.8	

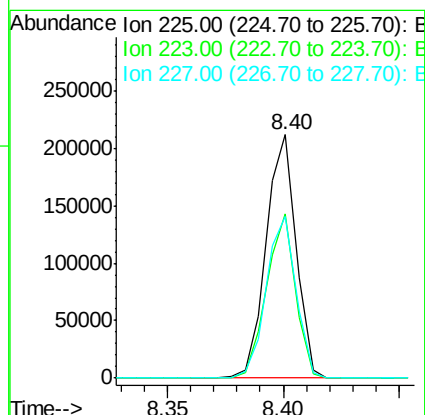
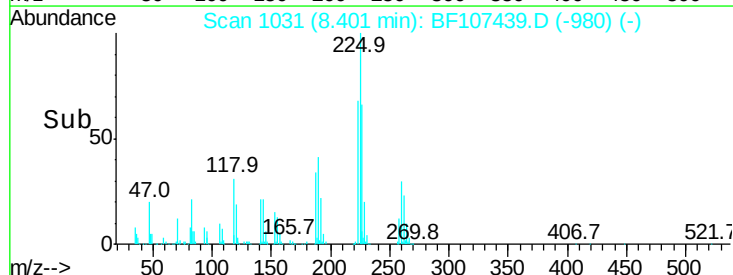
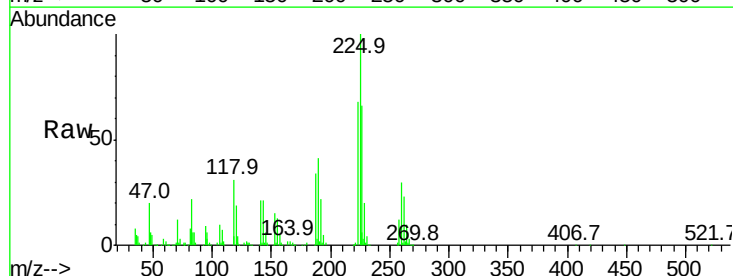
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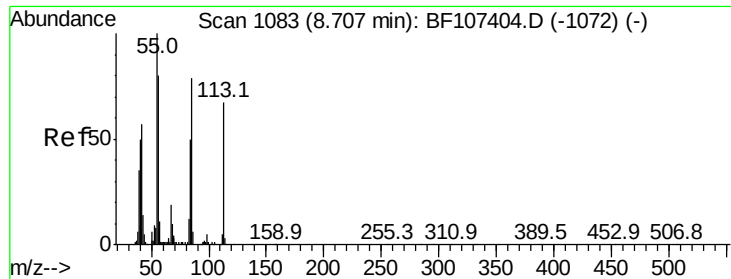
Sohil
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#34
Hexachlorobutadiene
Concen: 27.130 ng
RT: 8.40 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.6		50.6	76.0	
227	66.3		51.9	77.9	





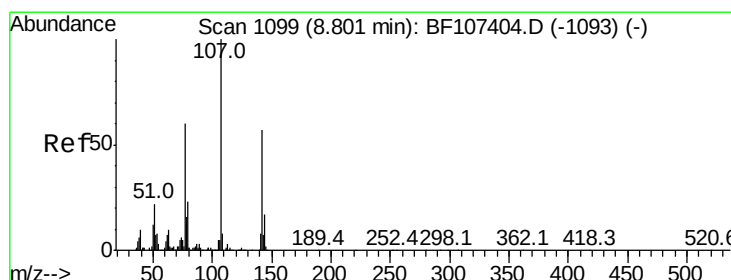
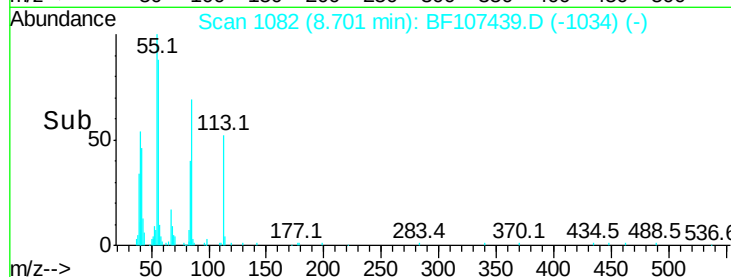
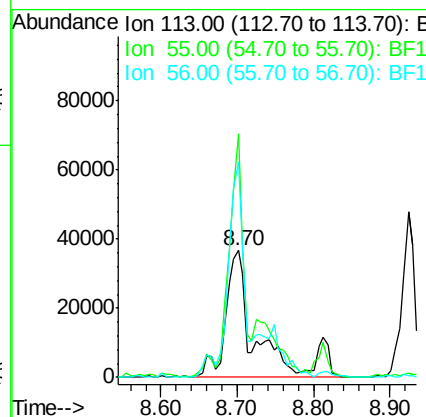
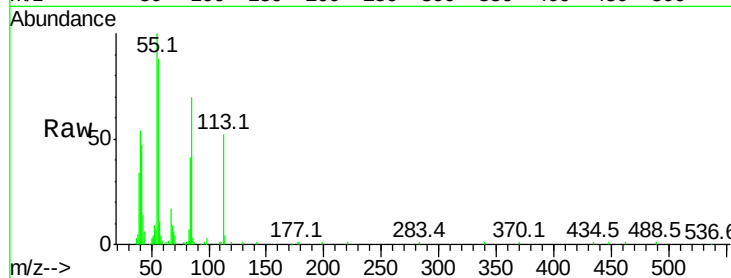
#35
 Caprolactam
 Concen: 35.985 ng/ml
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.0	163.3	203.3
56	169.4	115.7	155.7

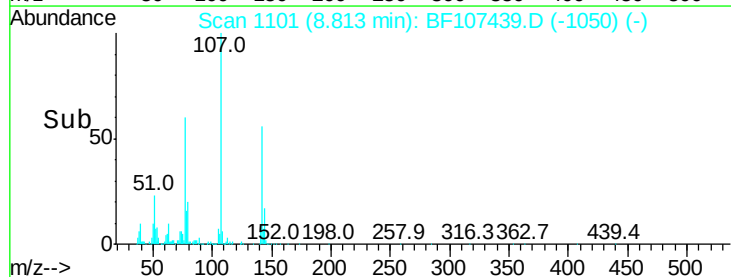
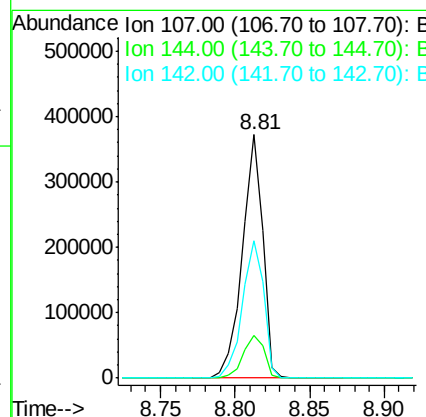
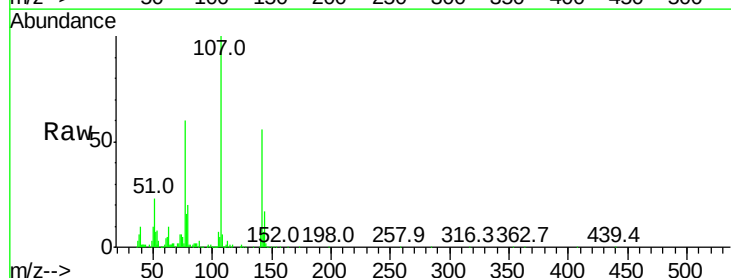
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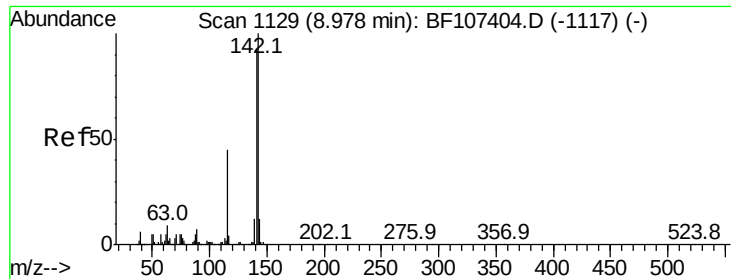
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#36
 4-Chloro-3-methylphenol
 Concen: 31.575 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	17.3	20.5	30.7
142	56.2	62.0	93.0





#37

2-Methylnaphthalene

Concen: 32.057 ng

RT: 8.98 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

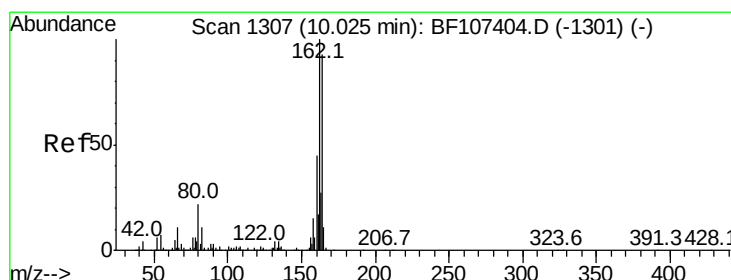
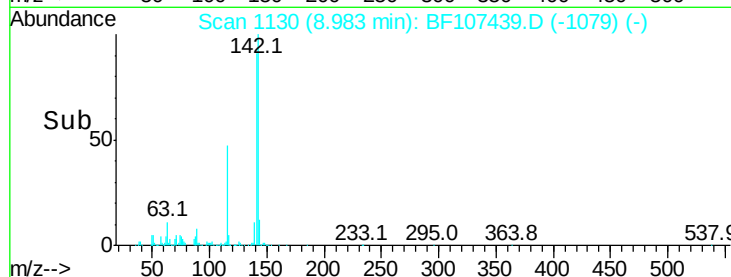
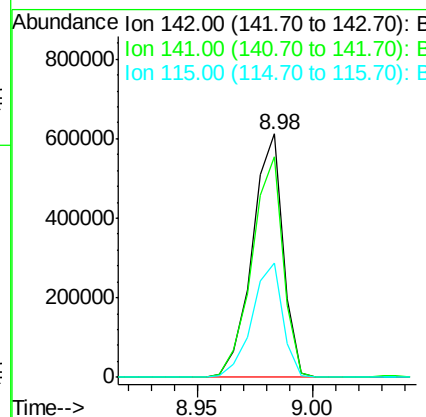
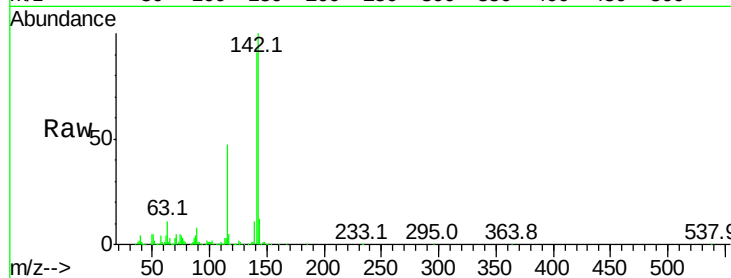
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	46.9	26.1	39.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

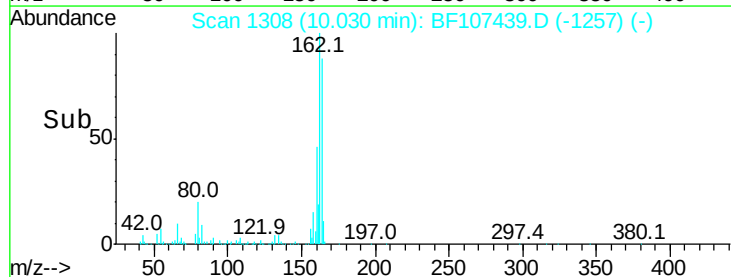
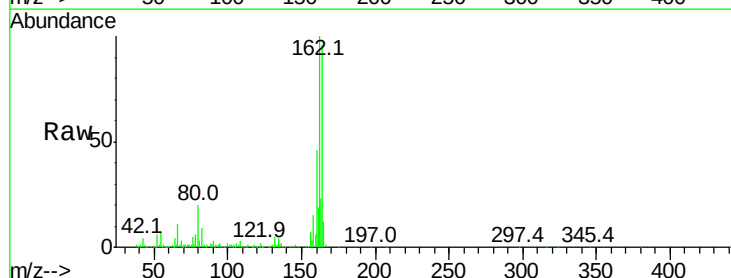
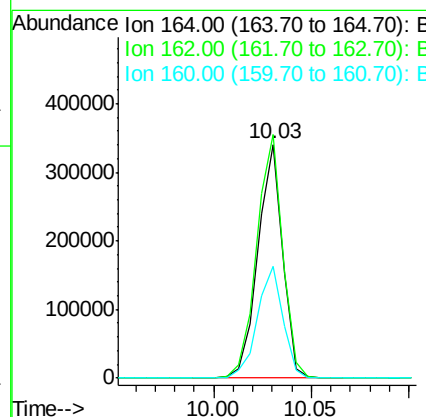
RT: 10.03 min Scan# 1308

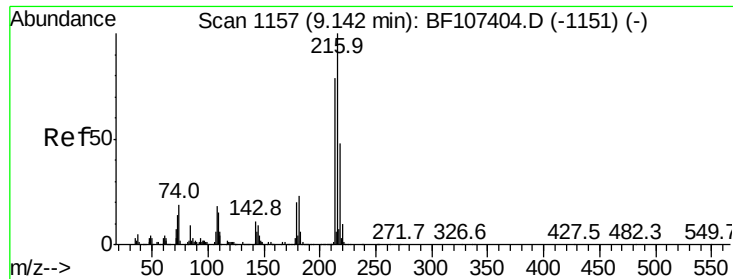
Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.7	38.3	57.5





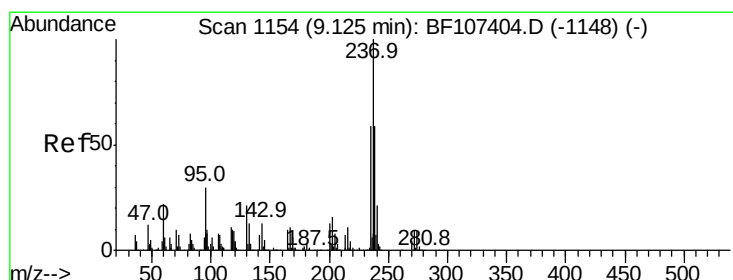
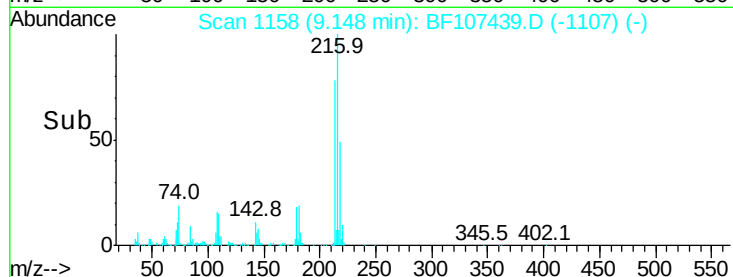
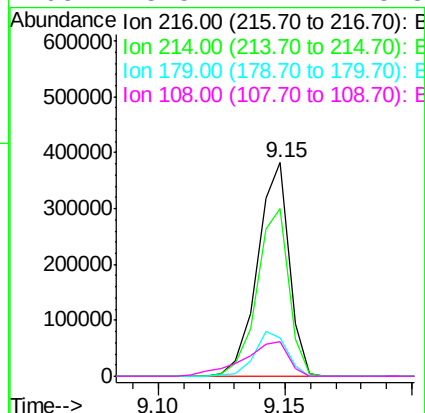
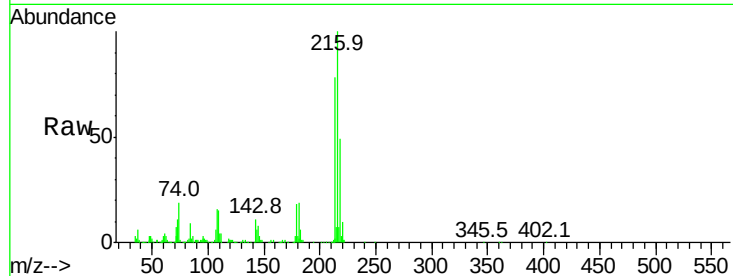
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.790 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	21.5	18.1	27.1
108	23.5	17.2	25.8

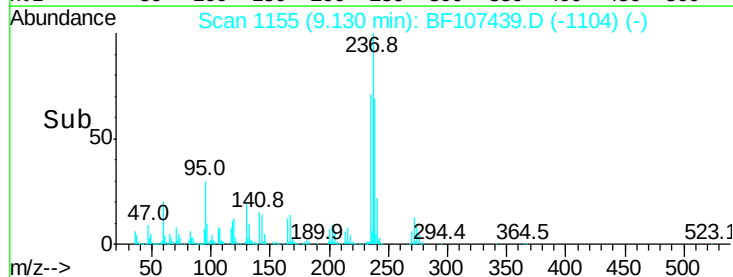
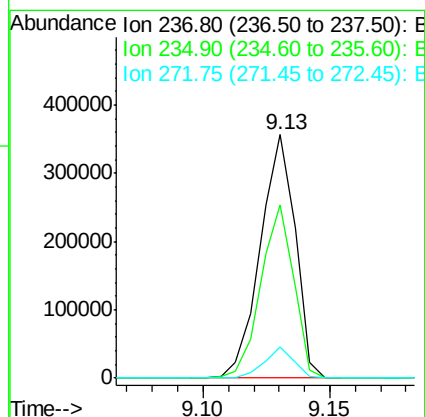
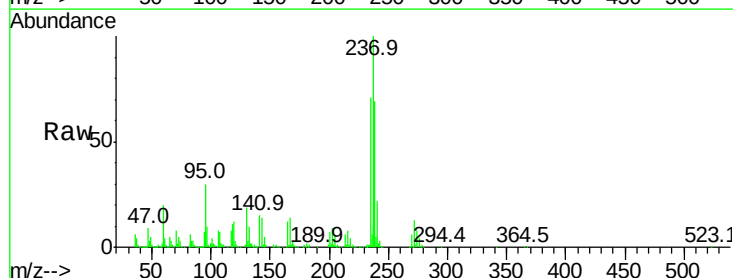
Manual Integrations
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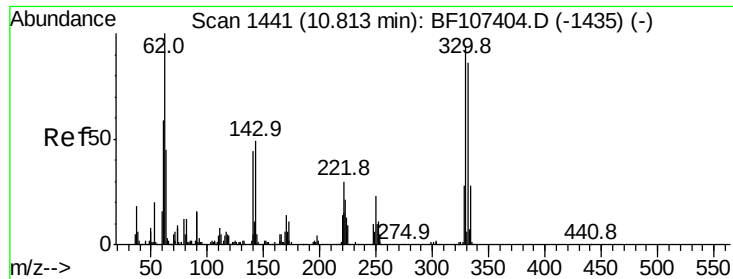
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 57.093 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	71.3	44.8	84.8
272	12.6	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 88.845 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

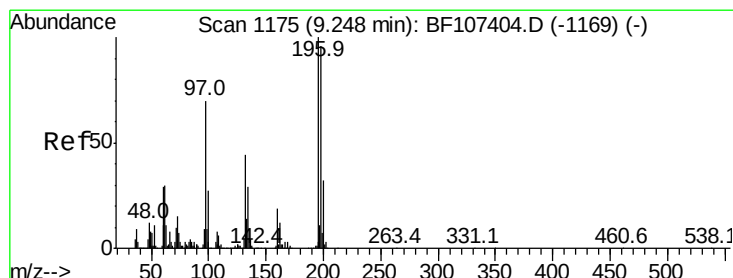
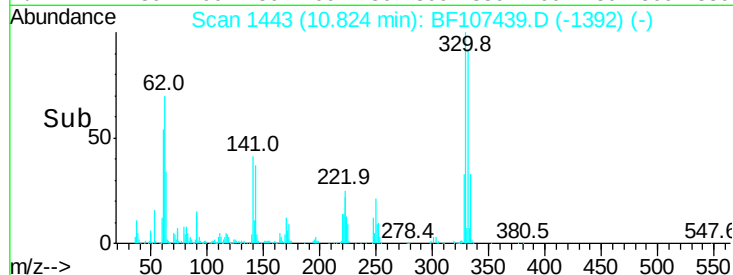
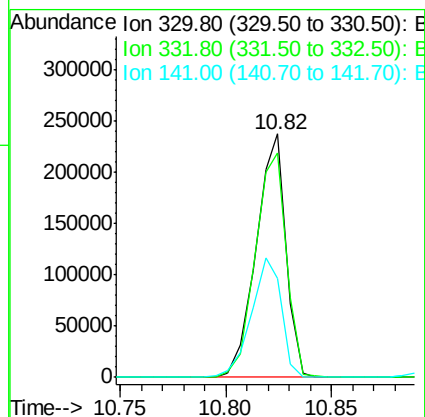
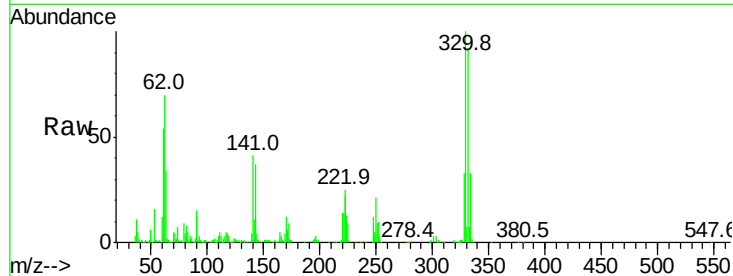
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	330	Resp:	231852
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	49.9	29.9	44.9#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 29.820 ng

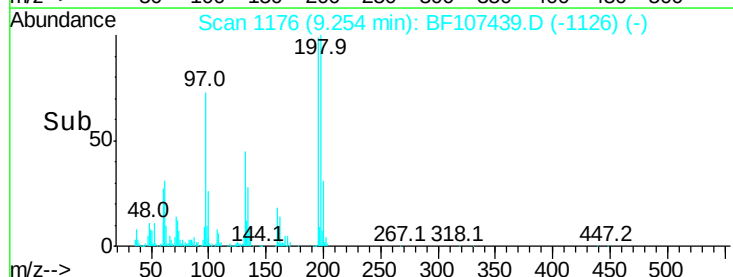
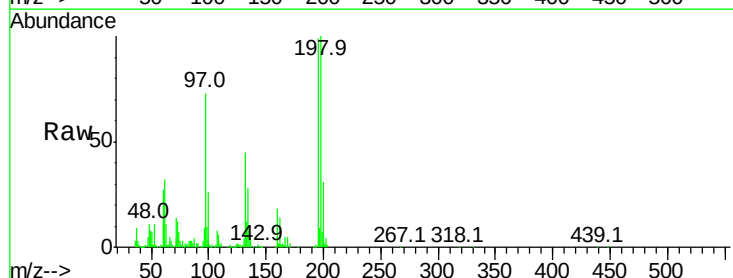
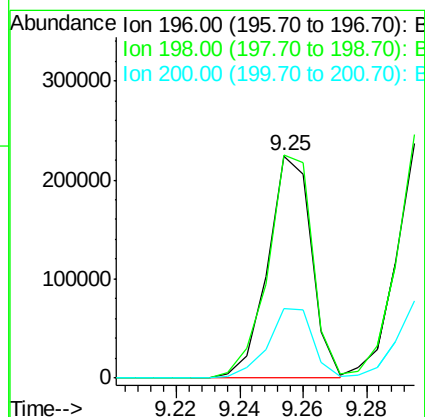
RT: 9.25 min Scan# 1176

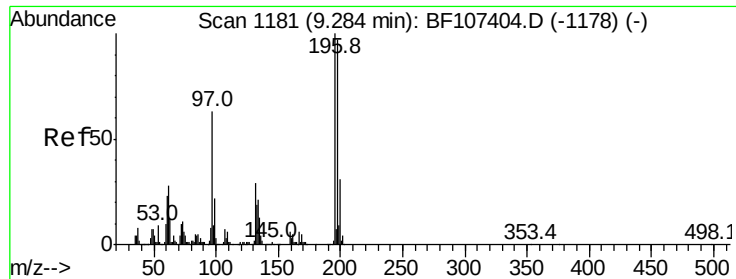
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	196	Resp:	215147
Ion Ratio	Lower	Upper	
196	100		
198	100.6	75.7	113.5
200	31.2	24.5	36.7





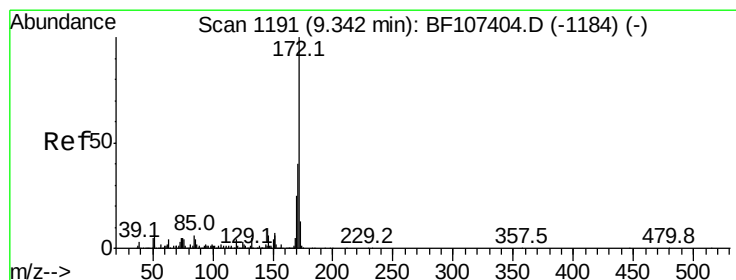
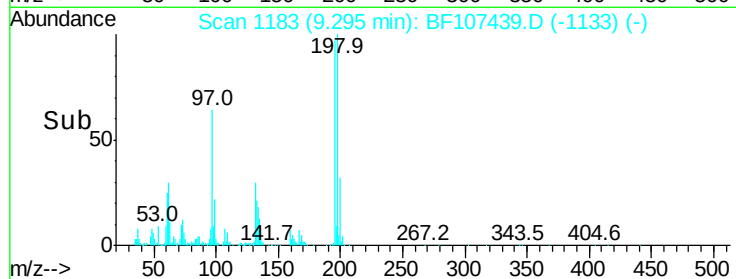
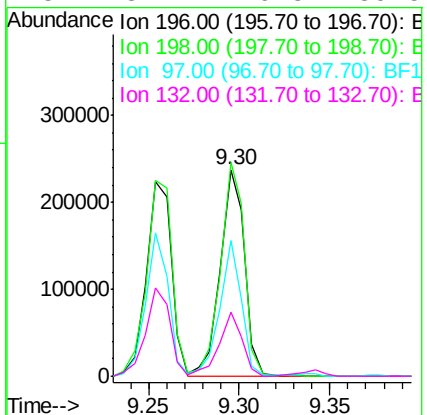
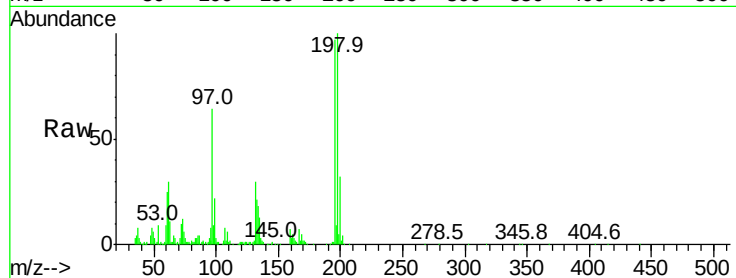
#43
2,4,5-Trichlorophenol
Concen: 32.160 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.5	74.6	112.0	
97	65.9	42.9	64.3	
132	31.1	26.3	39.5	

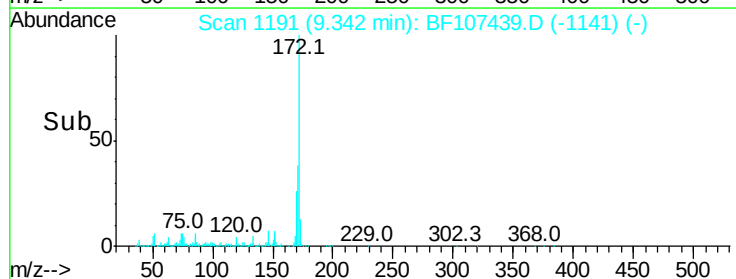
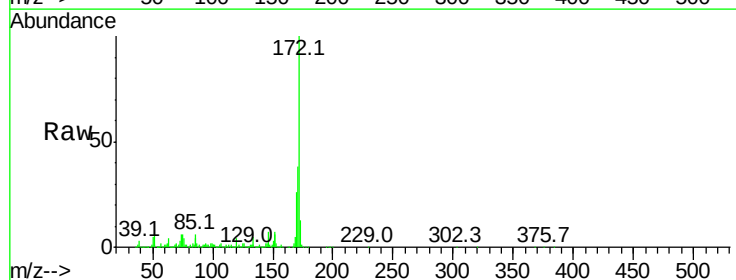
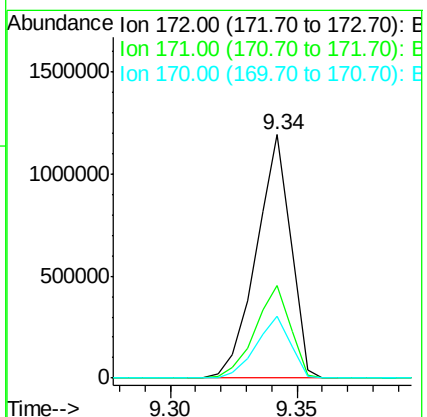
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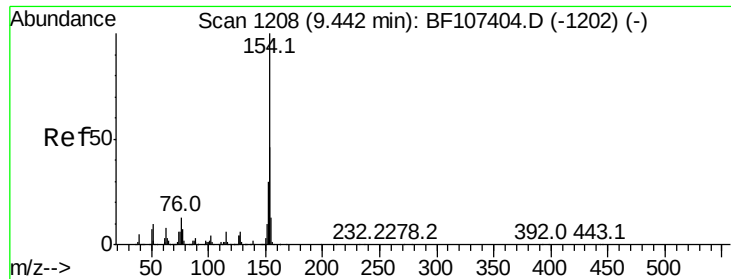
Sohil
7/18/2018 10:43:45 AM



#44
2-Fluorobiphenyl
Concen: 60.114 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.9	29.7	44.5	
170	25.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 27.379 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

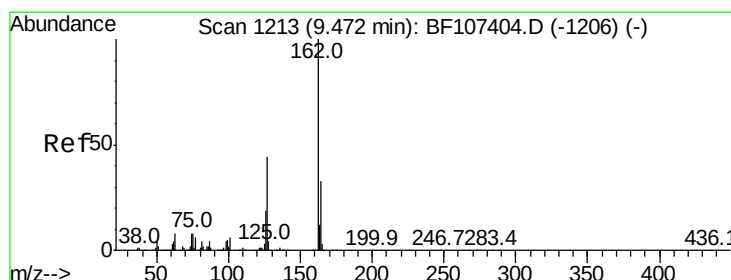
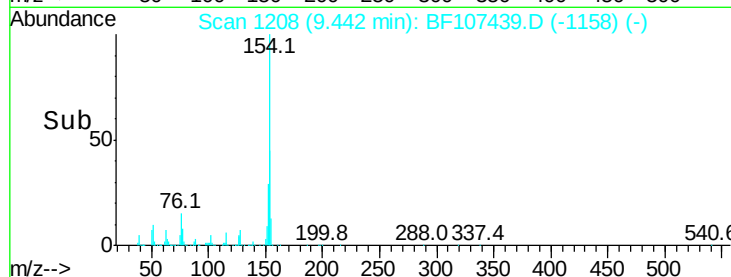
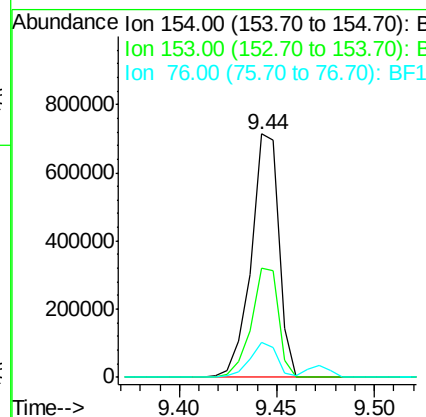
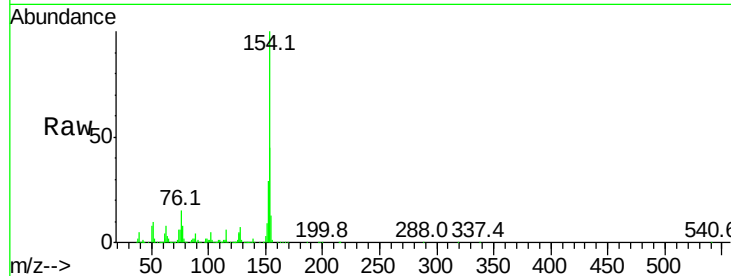
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	154	Resp:	703093
Ion Ratio	Lower	Upper	
154	100		
153	44.6	21.3	61.3
76	14.6	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 28.061 ng

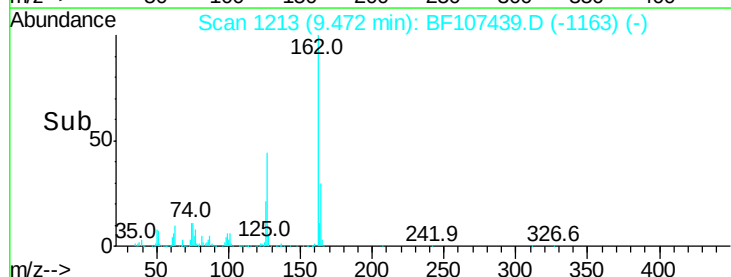
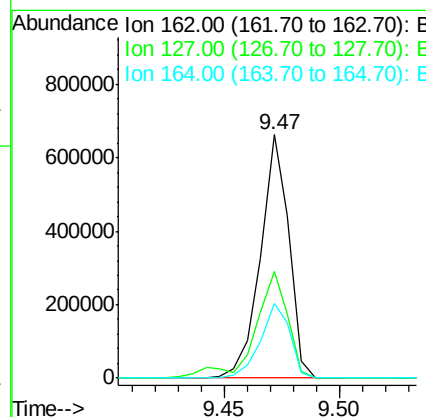
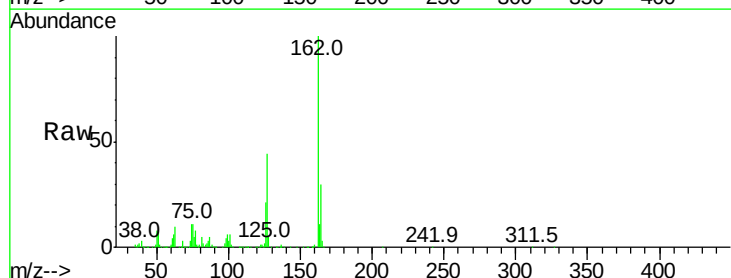
RT: 9.47 min Scan# 1213

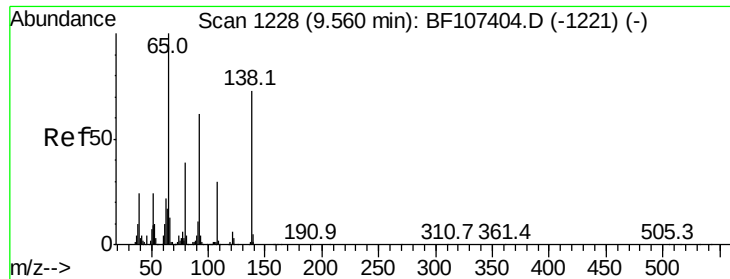
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	162	Resp:	569153
Ion Ratio	Lower	Upper	
162	100		
127	43.8	33.9	50.9
164	30.5	26.5	39.7





#47

2-Nitroaniline

Concen: 37.606 ng

RT: 9.57 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

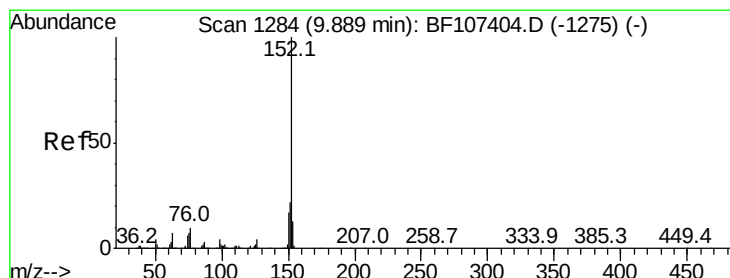
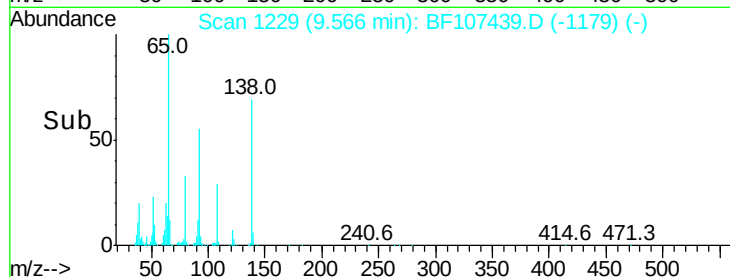
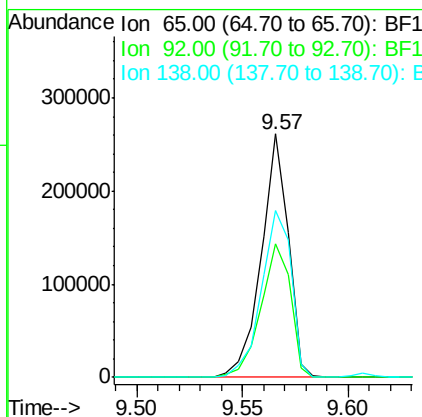
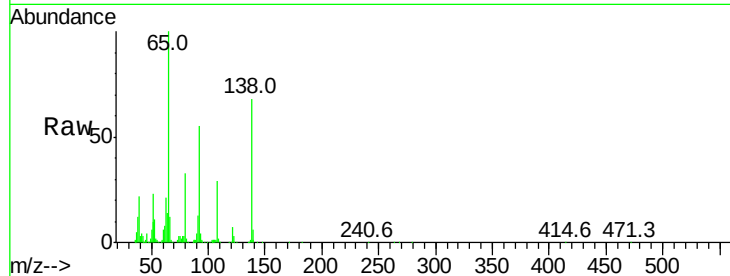
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	55.1	55.8	83.6#
138	68.3	91.2	136.8#

Manual Integrations
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#48

Acenaphthylene

Concen: 30.323 ng

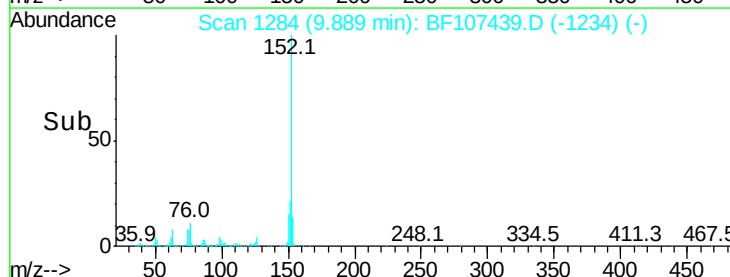
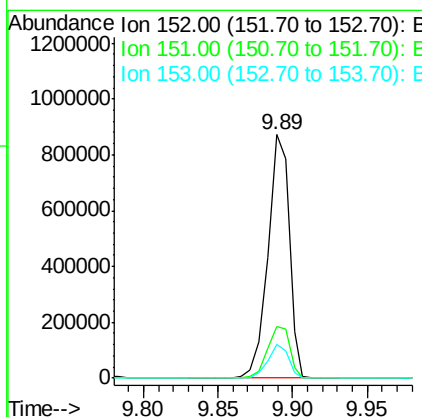
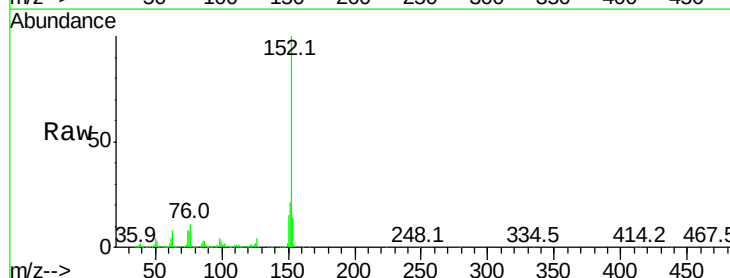
RT: 9.89 min Scan# 1284

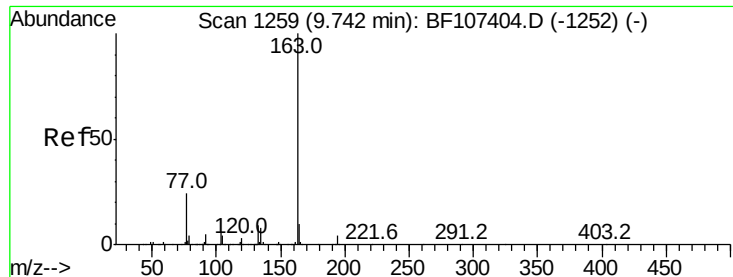
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.6	10.7	16.1





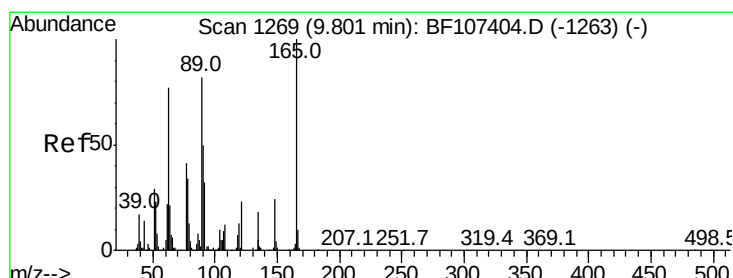
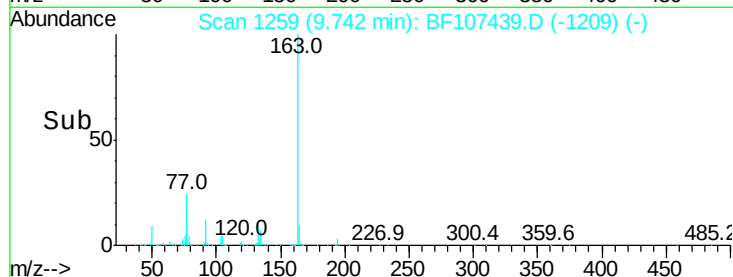
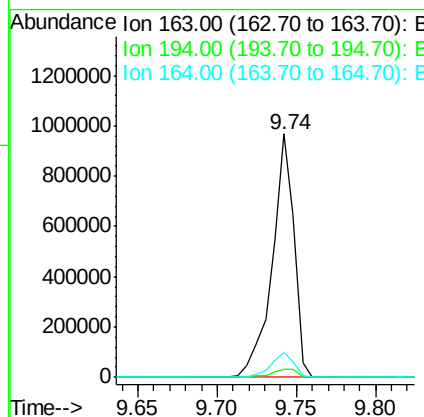
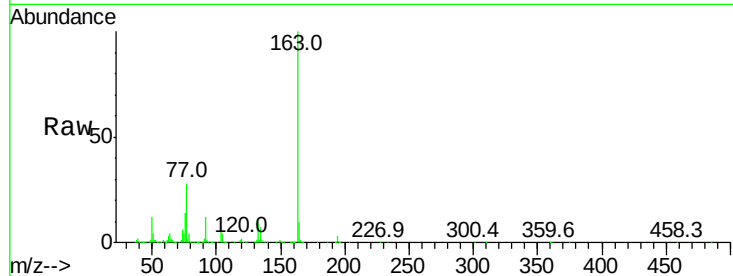
#49
Dimethylphthalate
Concen: 39.498 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.3	8.2	12.2	

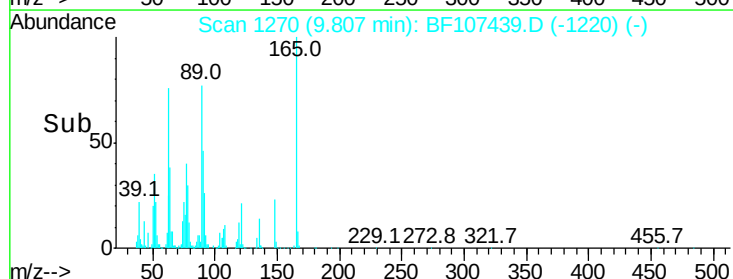
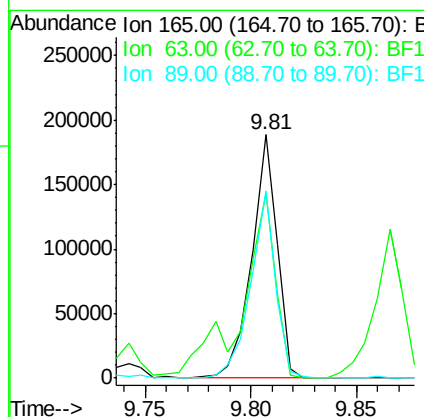
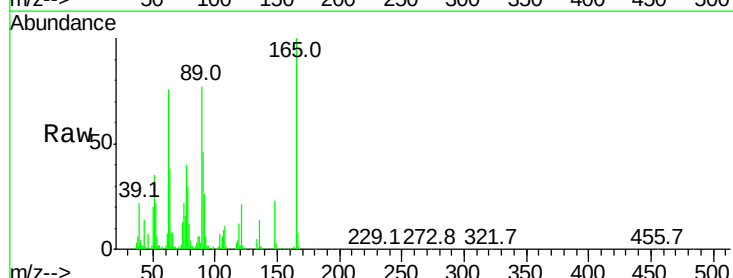
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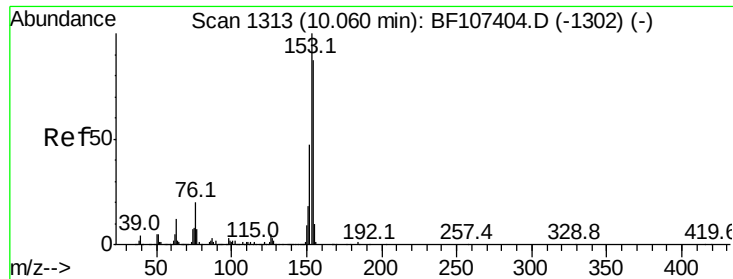
Sohil
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#50
2,6-Dinitrotoluene
Concen: 35.186 ng
RT: 9.81 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.9	44.7	67.1#	
89	76.7	44.0	66.0#	





#51

Acenaphthene

Concen: 34.852 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

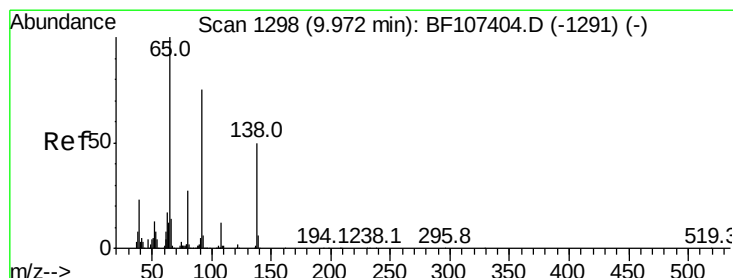
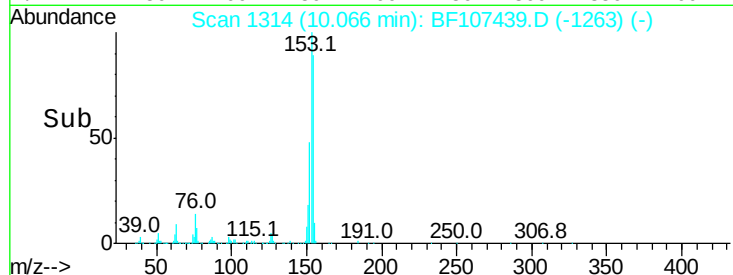
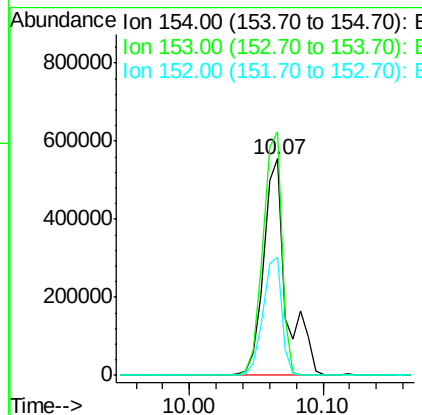
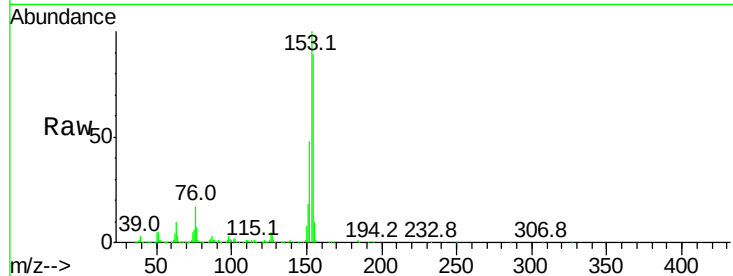
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	154	Resp:	653973
Ion Ratio	Lower	Upper	
154	100		
153	112.4	91.2	136.8
152	54.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 22.656 ng

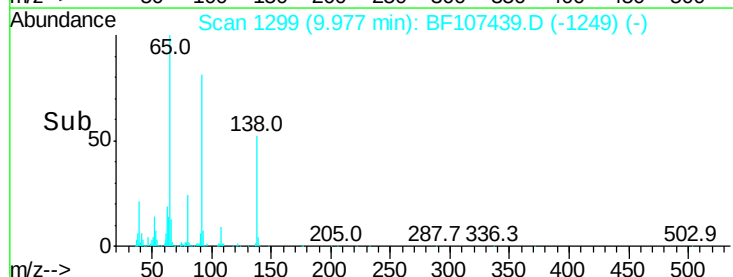
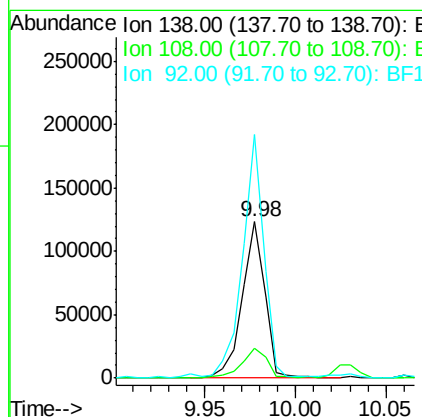
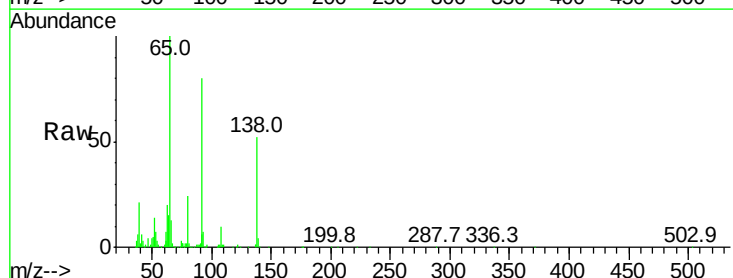
RT: 9.98 min Scan# 1299

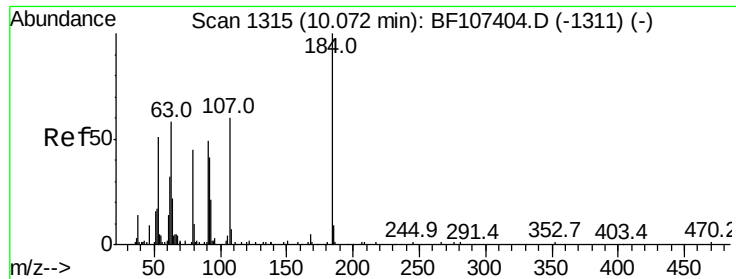
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	138	Resp:	107164
Ion Ratio	Lower	Upper	
138	100		
108	18.8	9.4	14.0#
92	155.9	89.4	134.2#





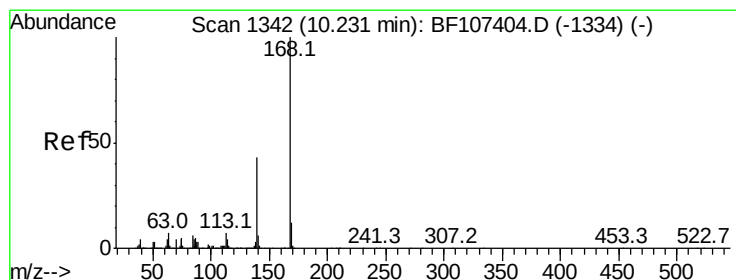
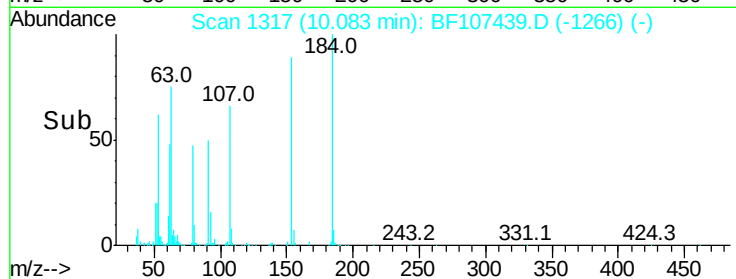
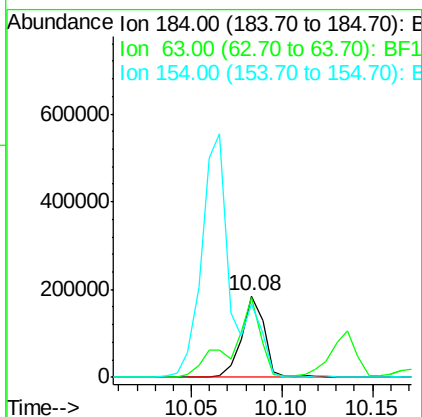
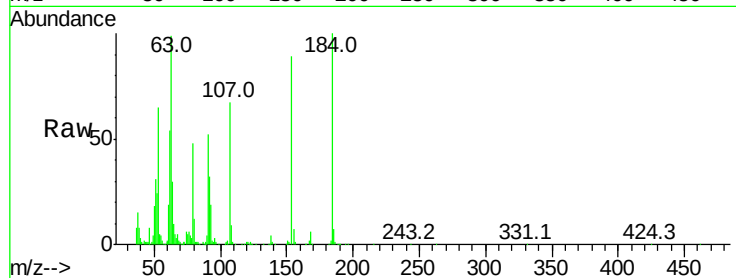
#53
2,4-Dinitrophenol
Concen: 75.666 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	98.8	54.2	81.2#
154	89.5	184.0	276.0#

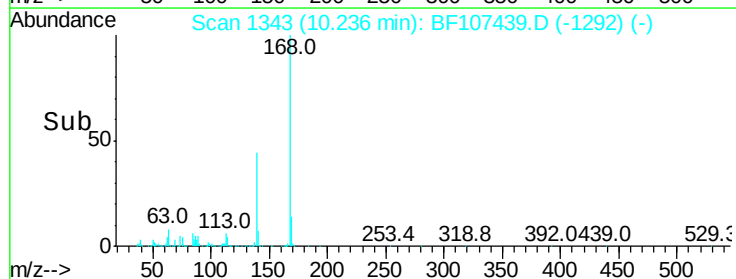
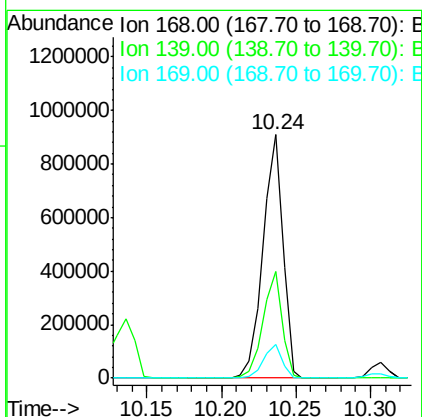
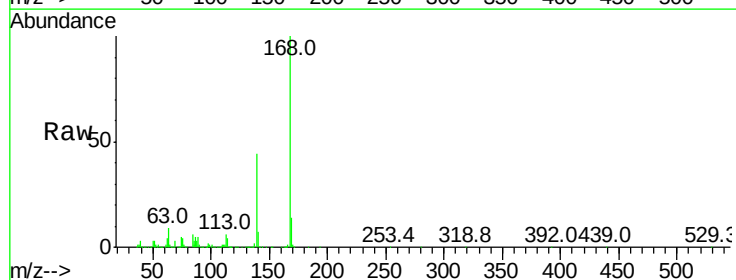
Manual Integrations
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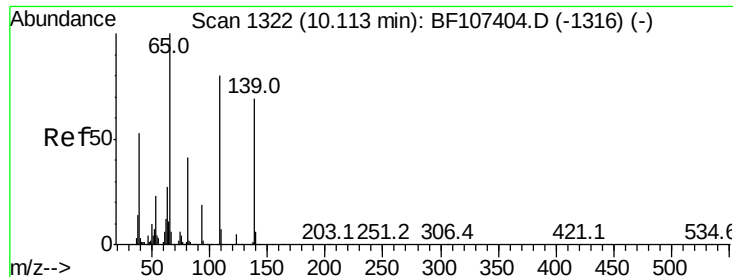
Sohil
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#54
Dibenzofuran
Concen: 28.737 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.7	30.1	45.1
169	14.0	10.9	16.3





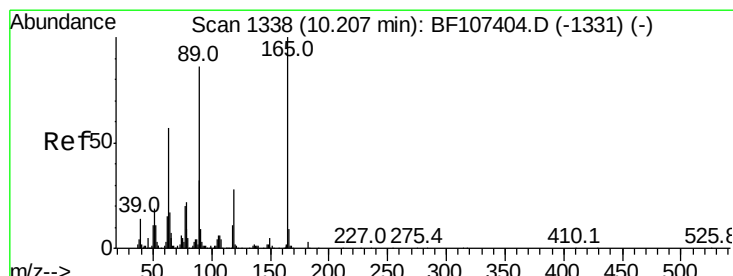
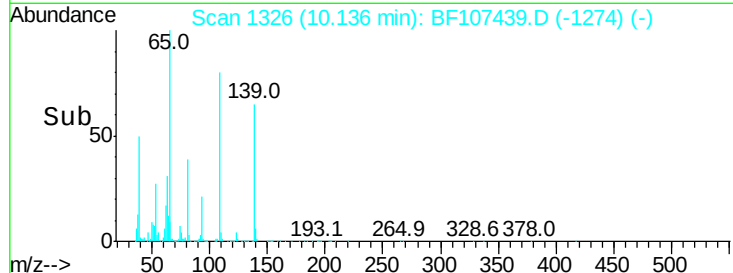
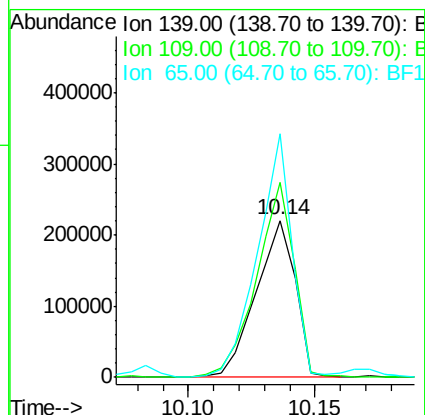
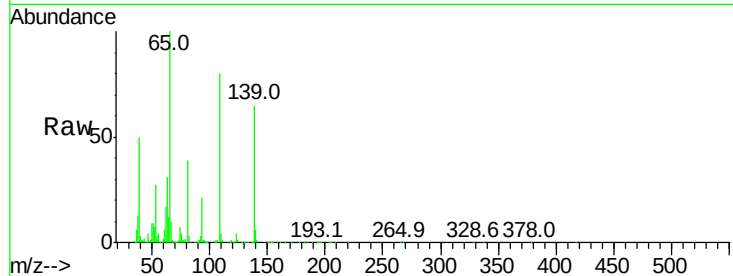
#55
4-Nitrophenol
Concen: 61.876 ng
RT: 10.14 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	124.1	48.4	88.4#
65	155.0	72.6	112.6#

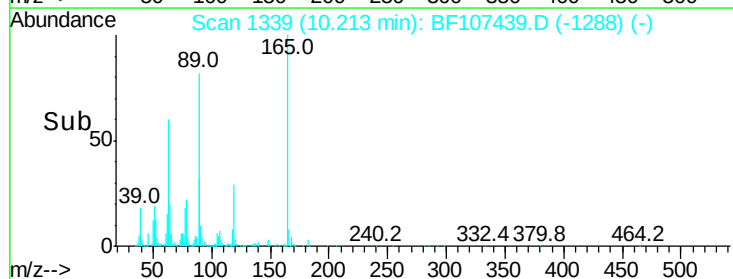
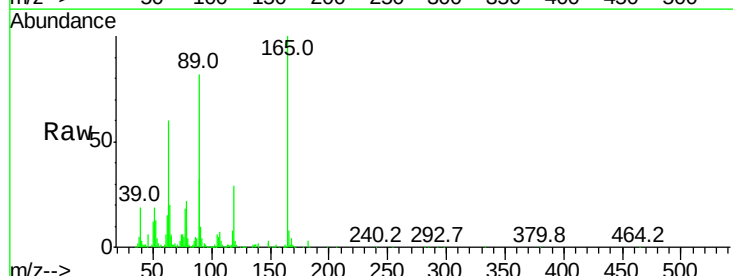
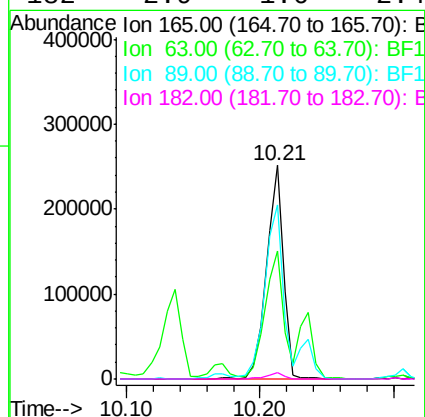
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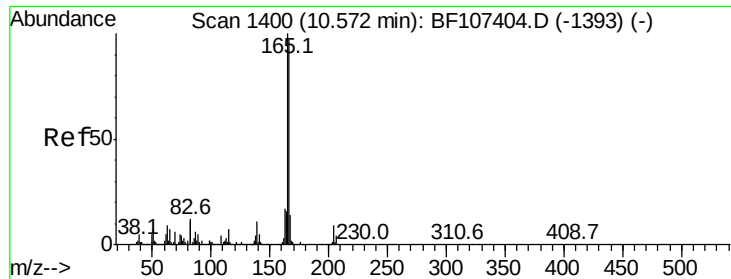
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#56
2,4-Dinitrotoluene
Concen: 37.206 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.8	36.4	54.6#
89	81.5	57.8	86.6
182	2.9	1.6	2.4#





#57

Fluorene

Concen: 30.746 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

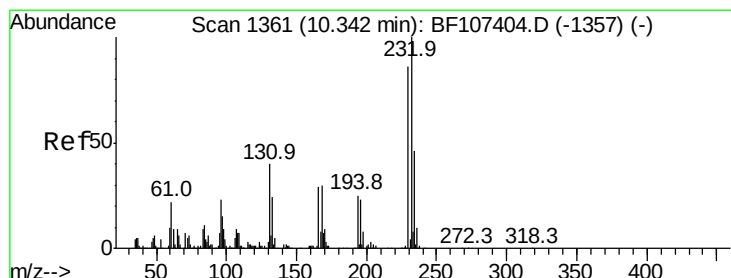
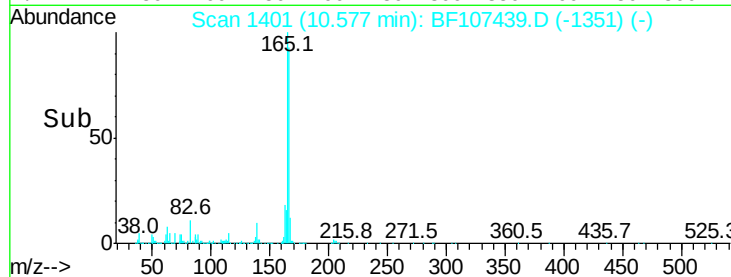
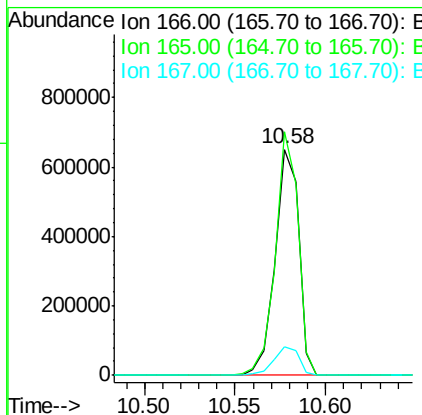
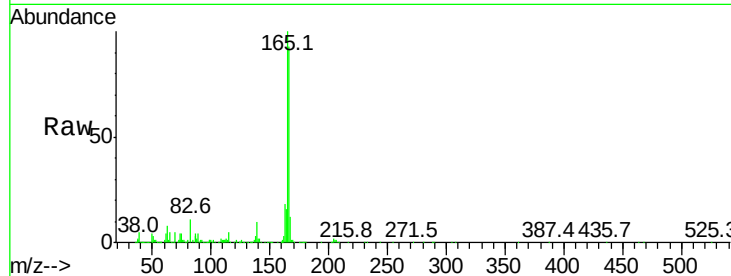
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	166	Resp:	590460
Ion Ratio	Lower	Upper	
166	100		
165	107.6	79.8	119.8
167	12.7	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 30.103 ng

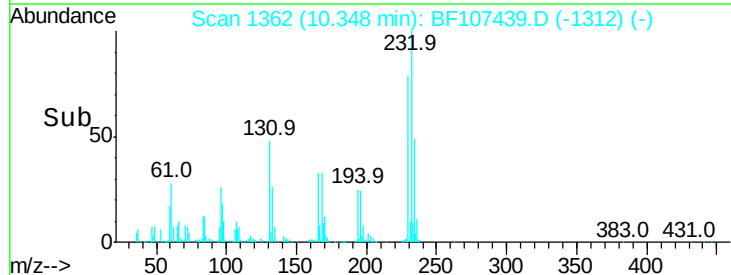
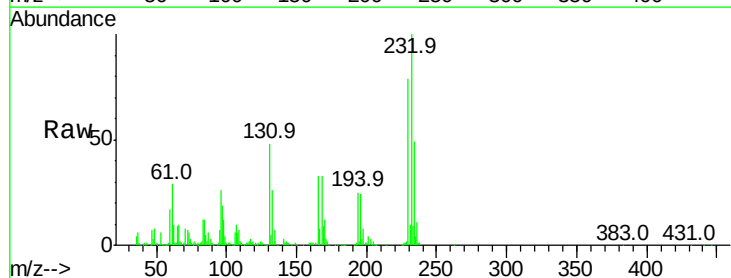
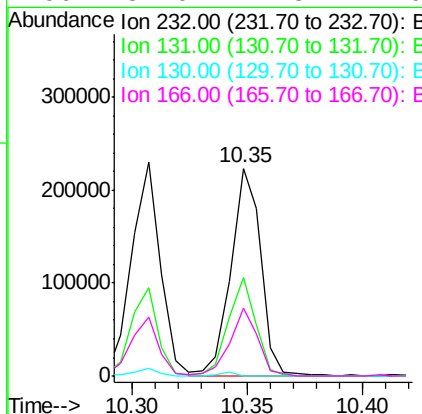
RT: 10.35 min Scan# 1362

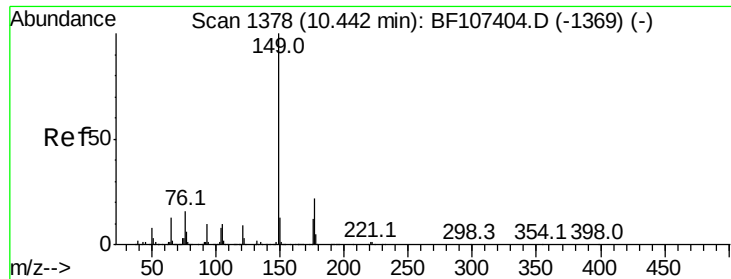
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	232	Resp:	201260
Ion Ratio	Lower	Upper	
232	100		
131	43.8	43.8	65.8#
130	1.1	2.1	3.1#
166	31.0	27.8	41.6





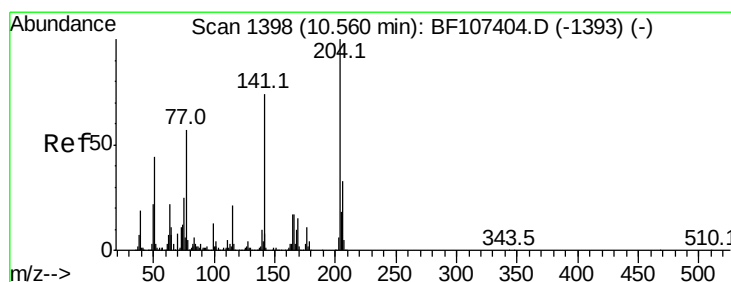
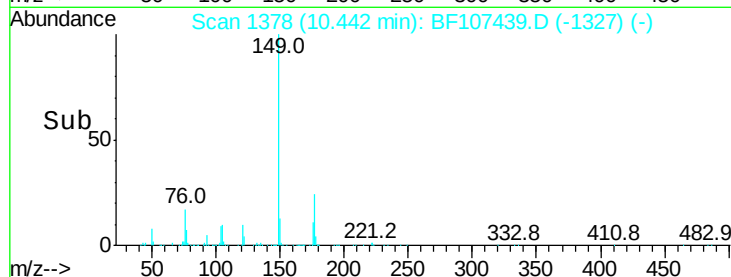
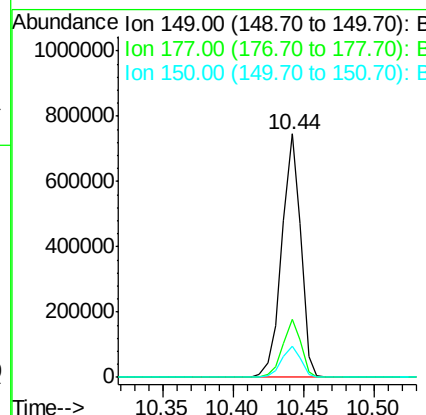
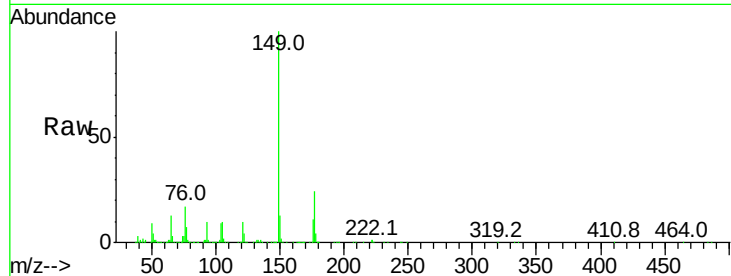
#59
Diethylphthalate
Concen: 30.508 ng
RT: 10.44 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.1	24.1
150	13.0	10.1	15.1

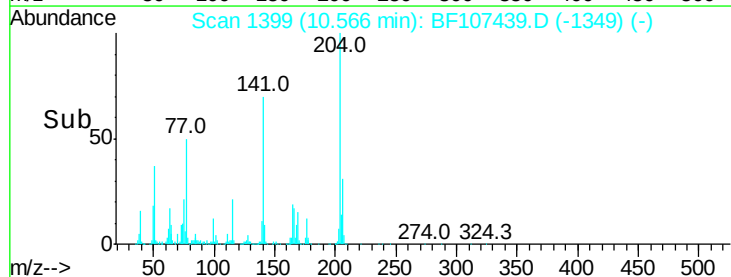
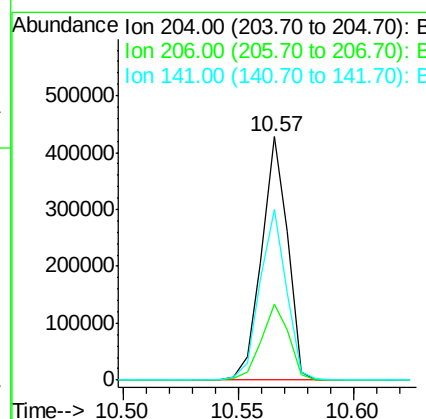
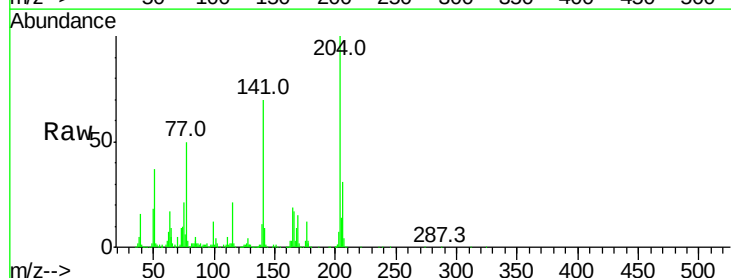
Manual Integrations
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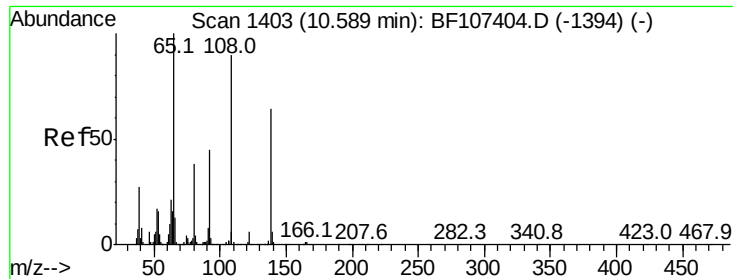
Sohil
7/18/2018 10:43:45 AM



#60
4-Chlorophenyl-phenylether
Concen: 29.611 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.5	39.7
141	70.2	54.6	81.8





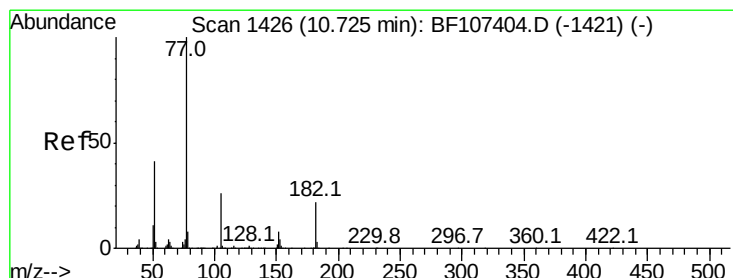
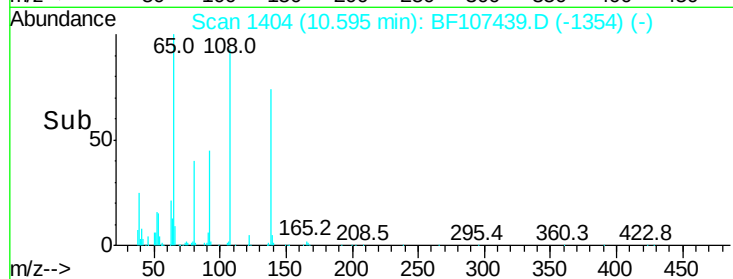
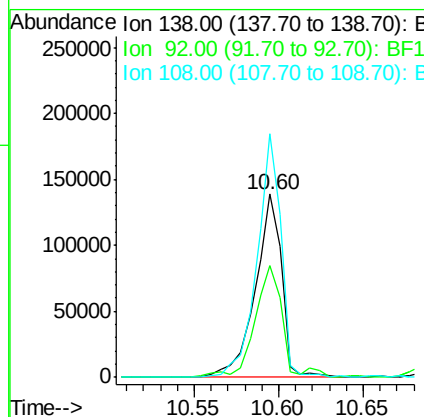
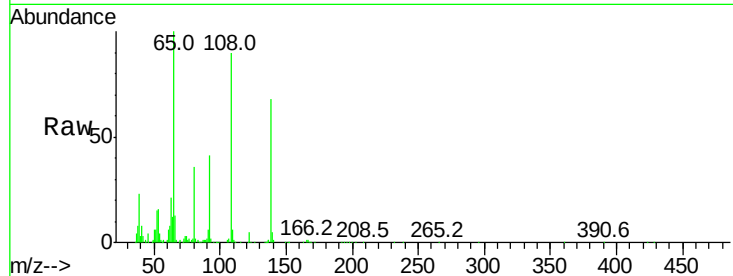
#61
4-Nitroaniline
Concen: 33.571 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.1	30.2	70.2
108	133.2	52.5	92.5

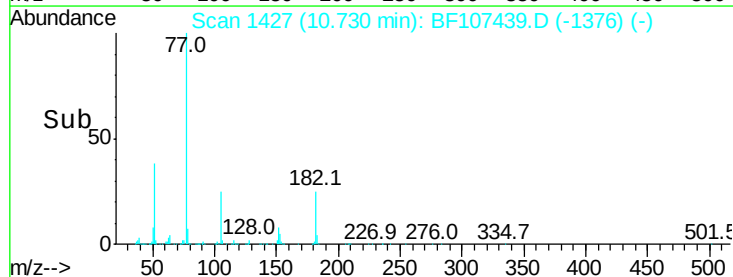
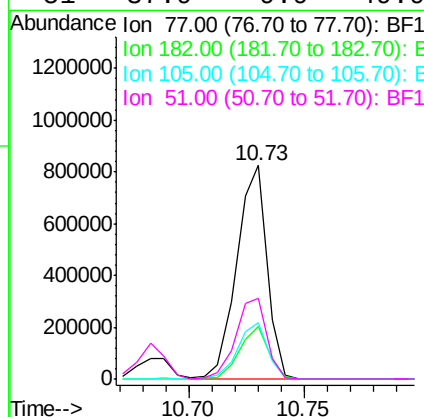
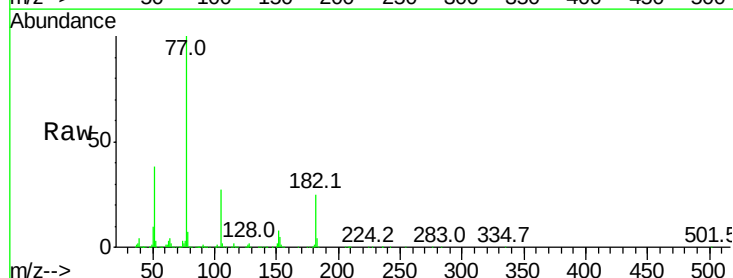
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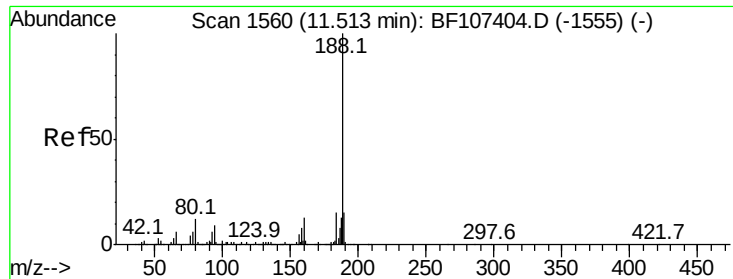
Sohil
7/18/2018 10:43:45 AM



#62
Azobenzene
Concen: 28.067 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	26.7	3.0	43.0
51	37.9	9.9	49.9





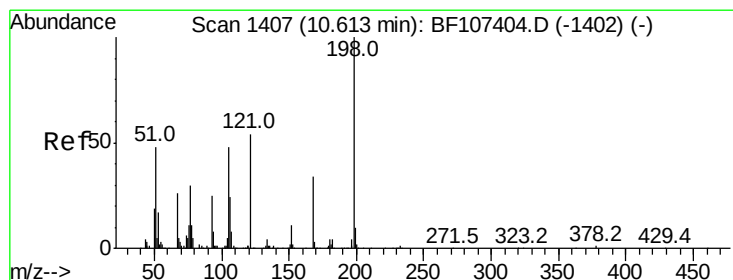
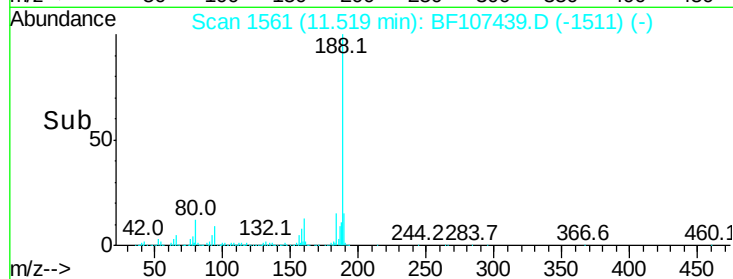
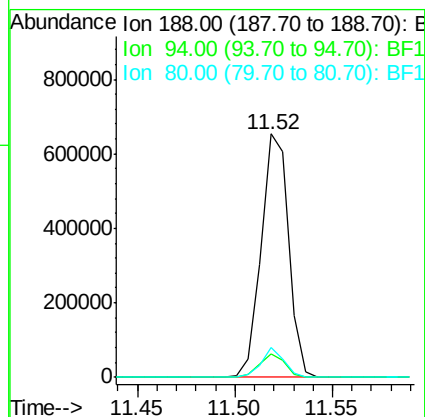
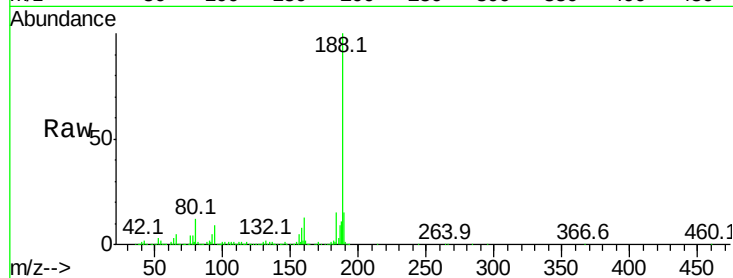
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	8.5	12.7
80	12.2	9.2	13.8

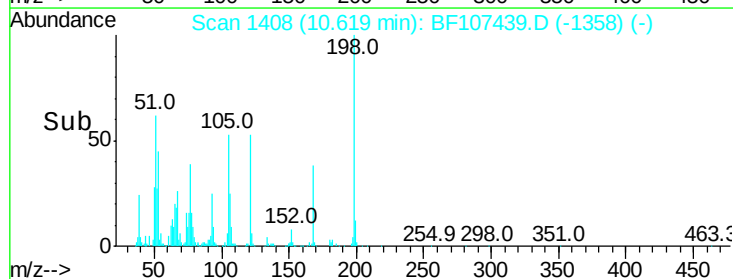
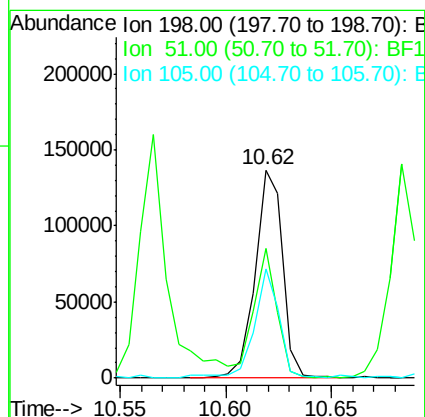
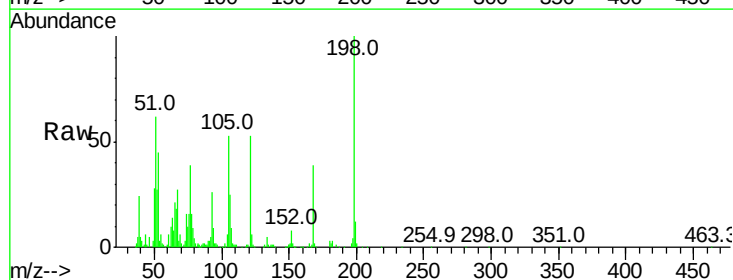
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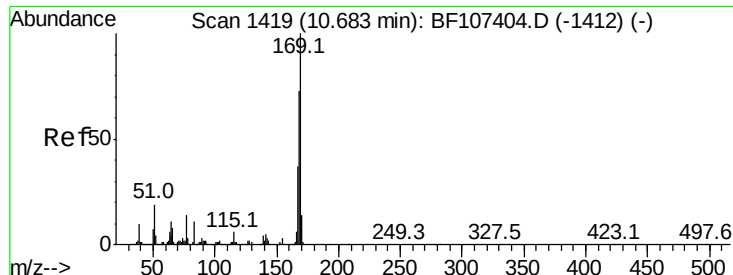
Sohil
 7/18/2018 10:43:45 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.412 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	62.0	37.7	77.7
105	52.6	36.3	76.3





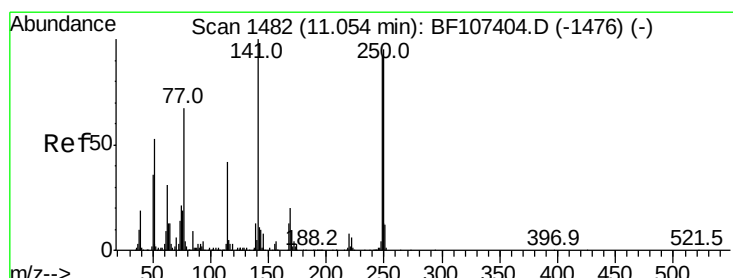
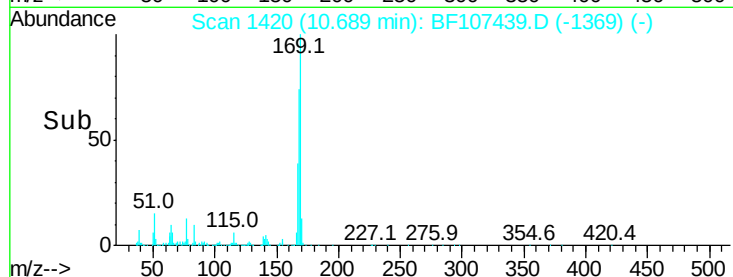
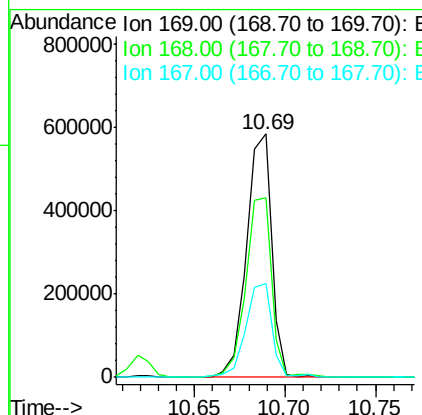
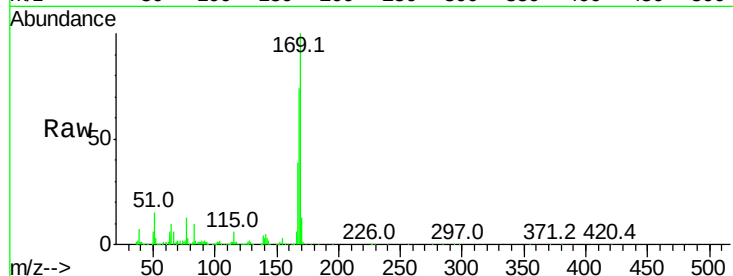
#65
n-Nitrosodiphenylamine
Concen: 27.975 ng
RT: 10.69 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	73.9	54.4	81.6
167	38.7	29.8	44.6

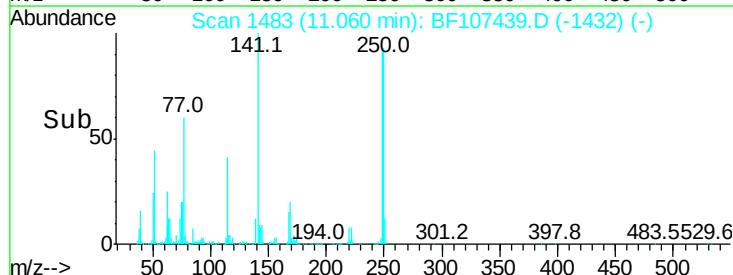
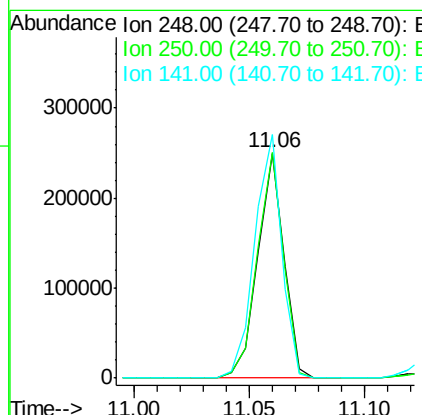
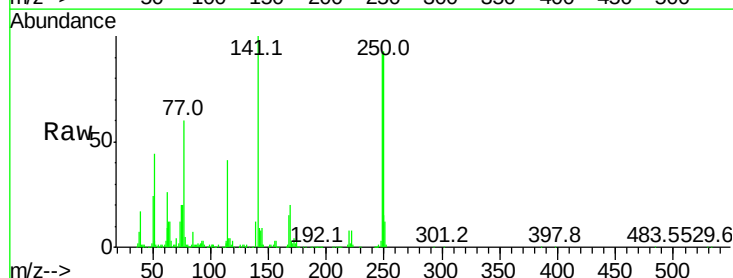
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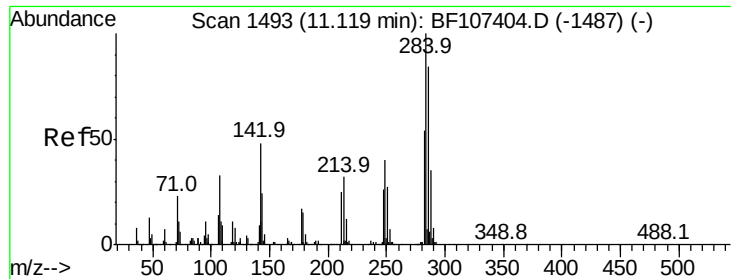
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 27.570 ng
RT: 11.06 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	100.6	76.9	115.3
141	108.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 29.063 ng

RT: 11.12 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

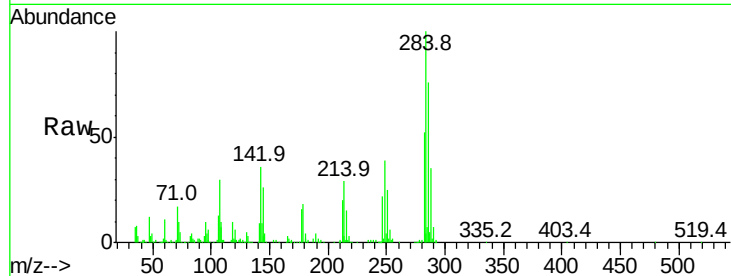
ClientSampleId :

FK-PS-01-033MS

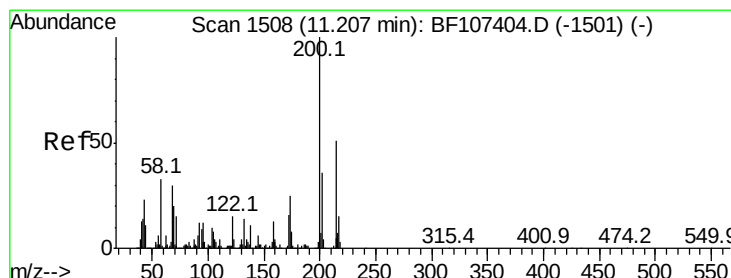
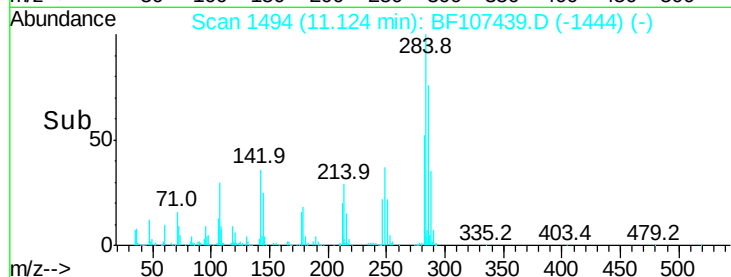
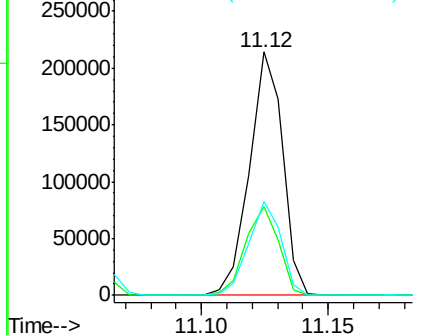
Tot Ion:	284	Resp:	195609
Ion Ratio	Lower	Upper	
284	100		
142	36.4	34.6	52.0
249	38.6	24.8	37.2#

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



#68

Atrazine

Concen: 29.442 ng

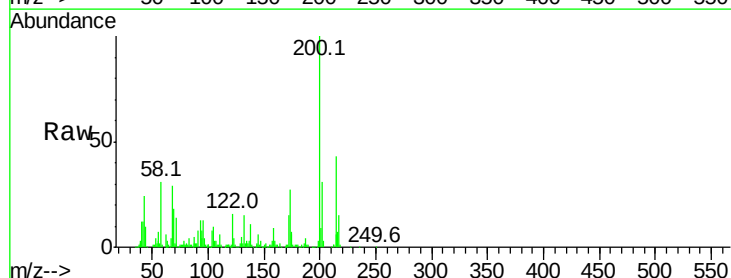
RT: 11.21 min Scan# 1509

Delta R.T. 0.00 min

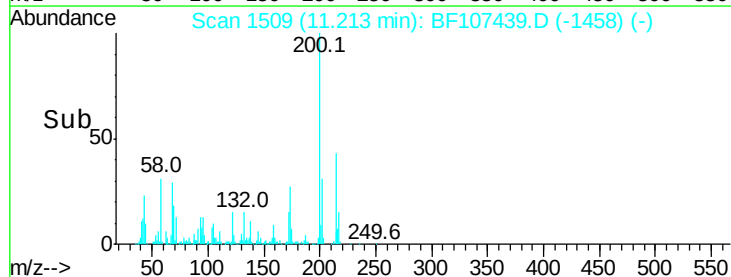
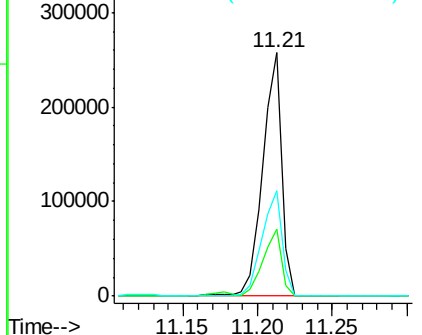
Lab File: BF107439.D

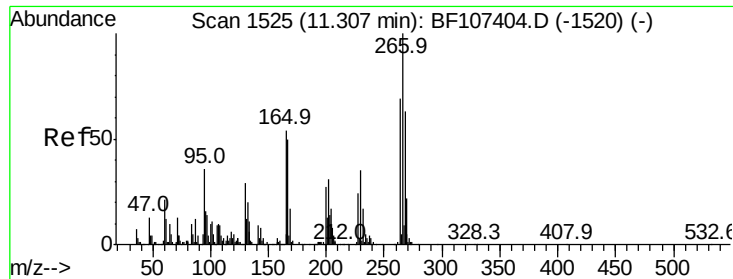
Acq: 17 Jul 2018 10:39

Tgt Ion:	200	Resp:	223322
Ion Ratio	Lower	Upper	
200	100		
173	27.4	8.6	48.6
215	43.2	25.1	65.1



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





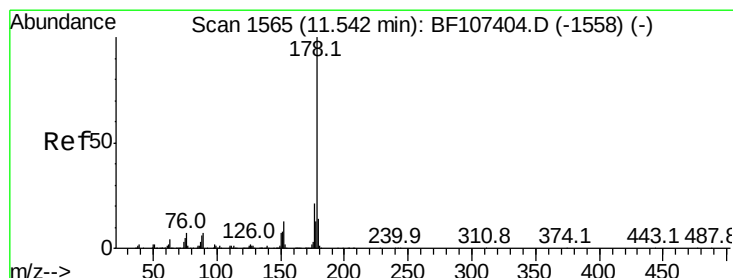
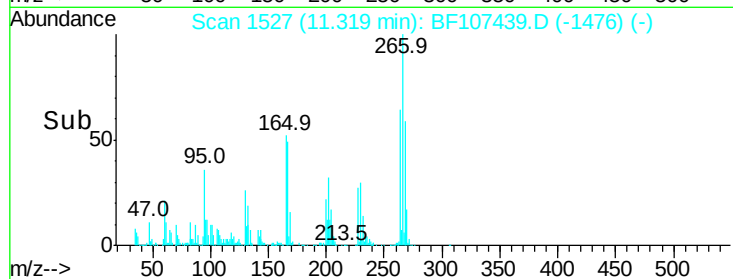
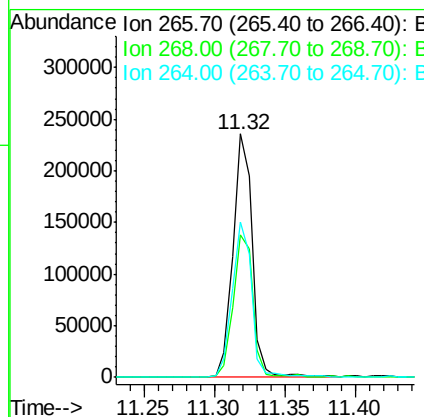
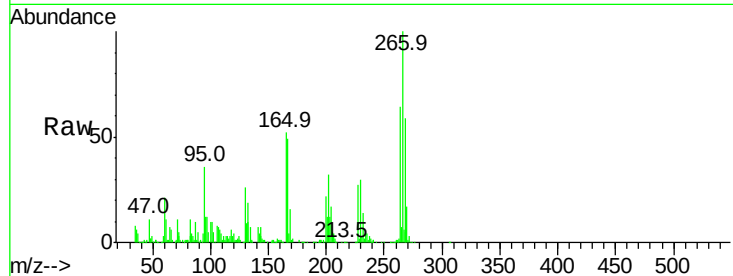
#69
 Pentachlorophenol
 Concen: 45.045 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	224045		
268	58.8		51.1	76.7
264	63.8		49.5	74.3

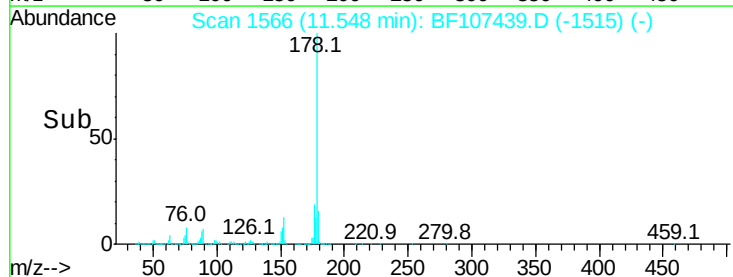
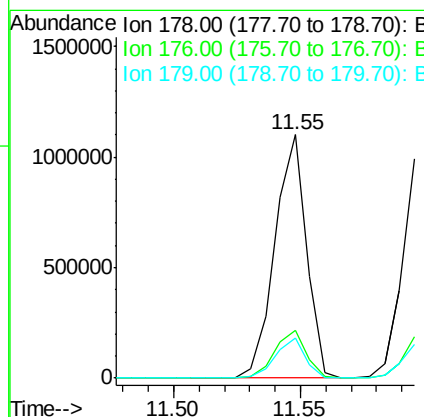
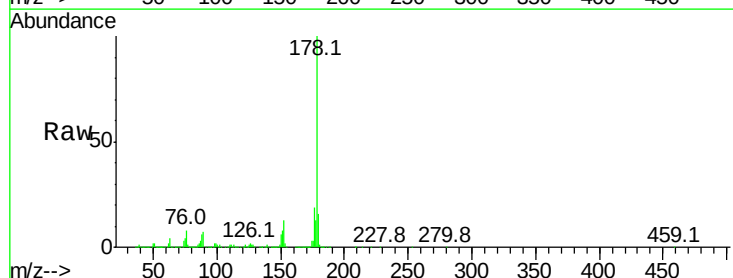
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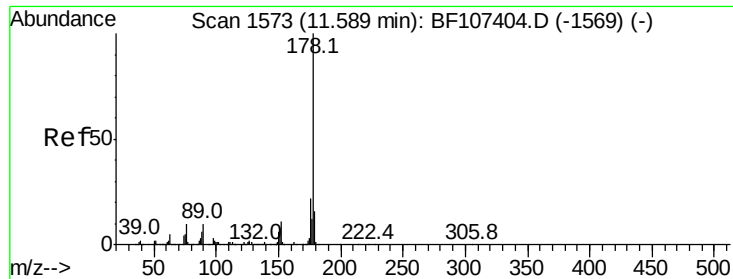
Sohil
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#70
 Phenanthrene
 Concen: 30.458 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	964671		
176	19.5		15.8	23.8
179	16.4		13.0	19.6





#71

Anthracene

Concen: 30.349 ng

RT: 11.59 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

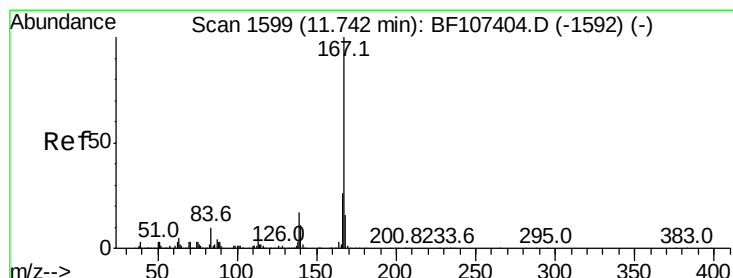
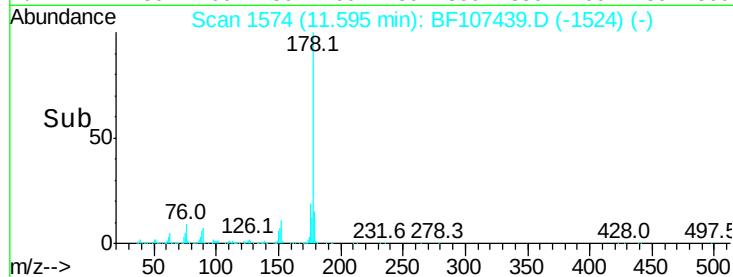
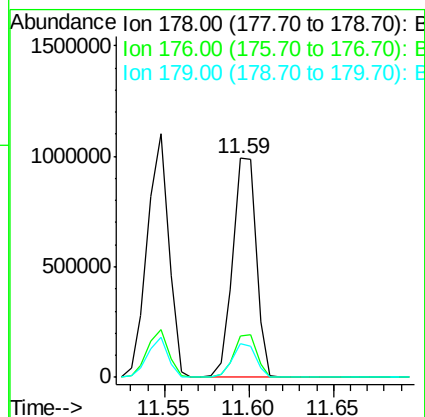
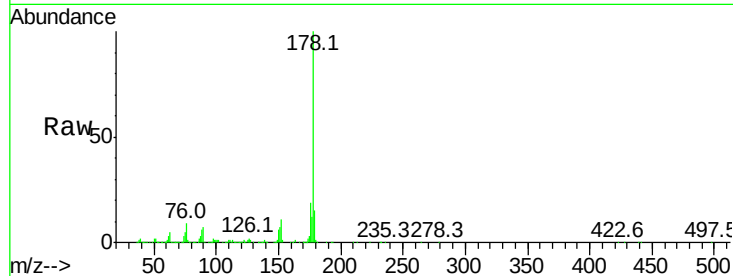
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	178	Resp:	957405
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	15.4	12.6	19.0

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#72

Carbazole

Concen: 27.546 ng

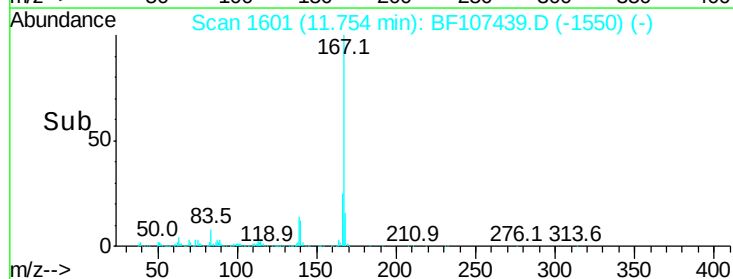
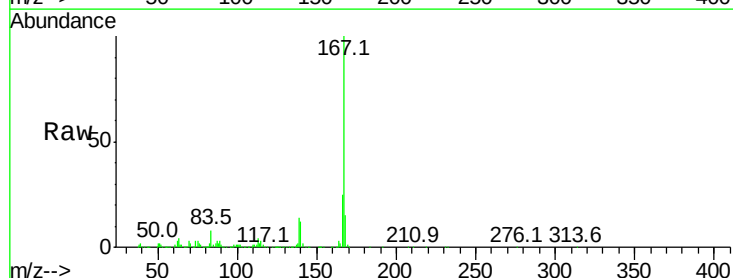
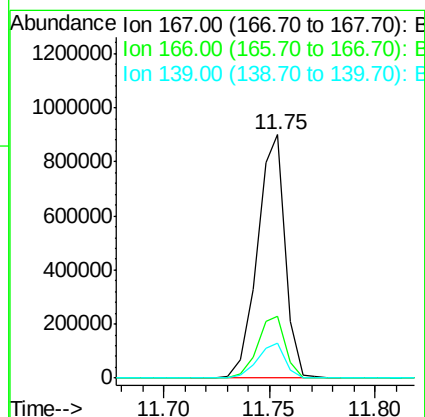
RT: 11.75 min Scan# 1601

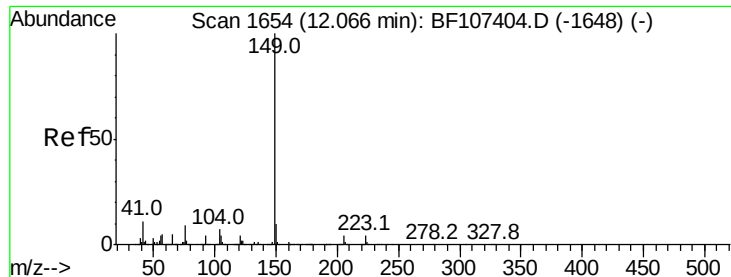
Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	167	Resp:	822658
Ion Ratio	Lower	Upper	
167	100		
166	25.4	17.6	26.4
139	14.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 30.482 ng

RT: 12.07 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MS

Tot Ion:149 Resp: 1046202

Ion Ratio Lower Upper

149 100

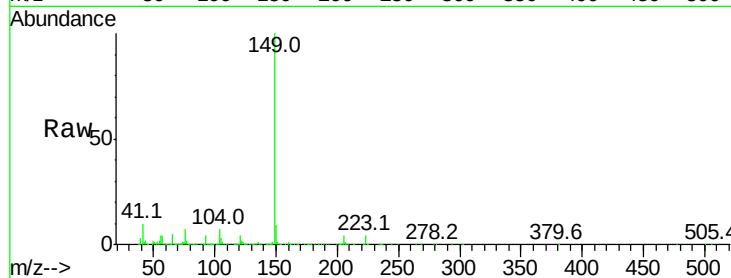
150 9.1 7.8 11.6

104 6.6 3.8 5.8#

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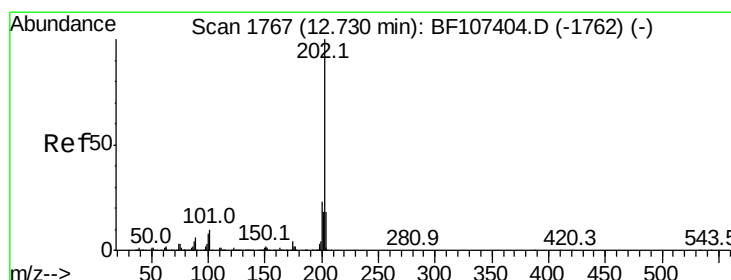
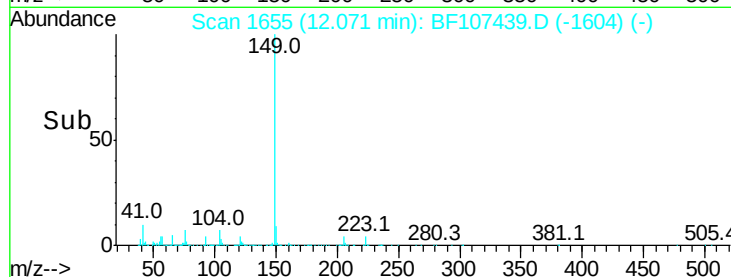
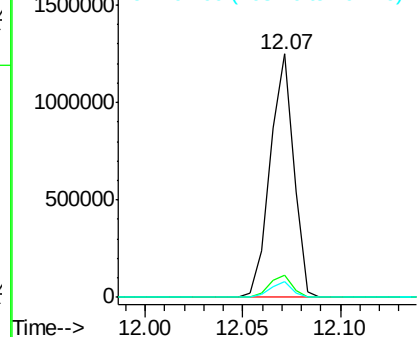
7/18/2018 10:43:45 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.295 ng

RT: 12.74 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

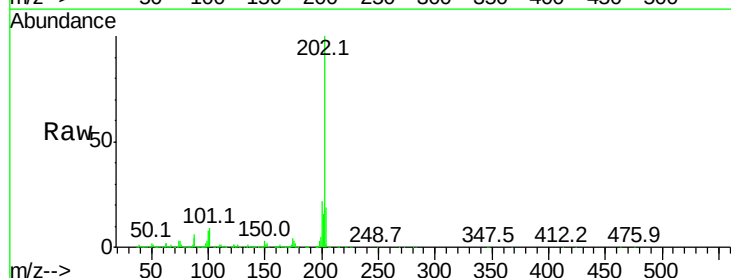
Tgt Ion:202 Resp: 1054571

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.1

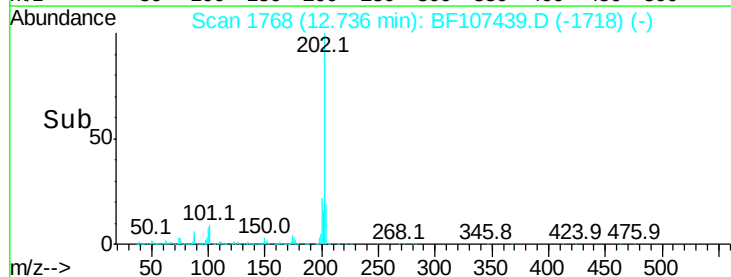
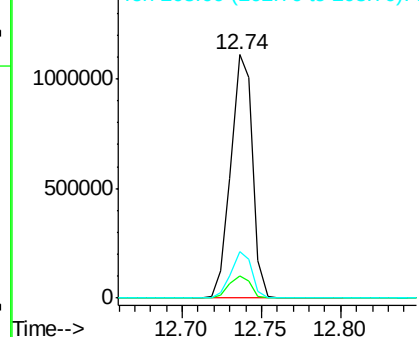
203 18.9 0.0 38.1

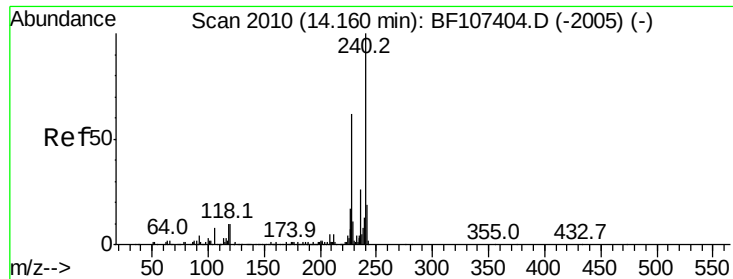


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

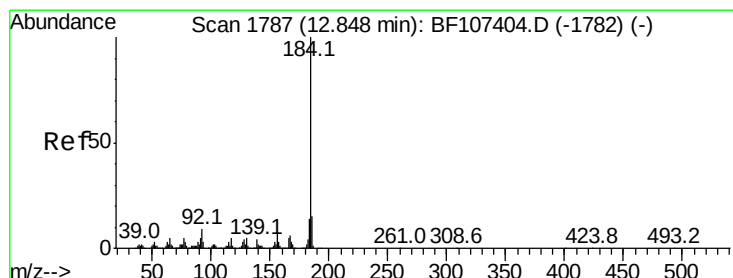
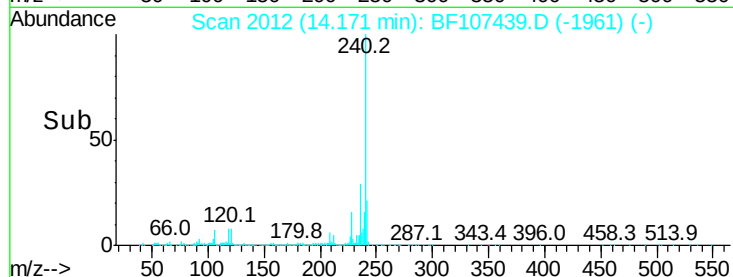
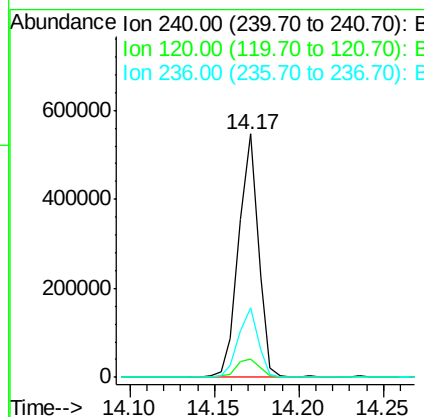
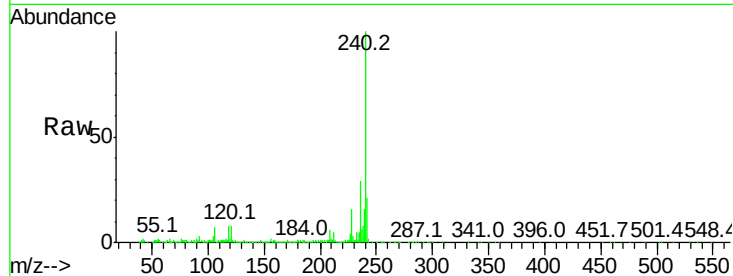
ClientSampleId :

FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	9.5	14.3#
236	28.6	20.7	31.1

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#76

Benzidine

Concen: 13.279 ng

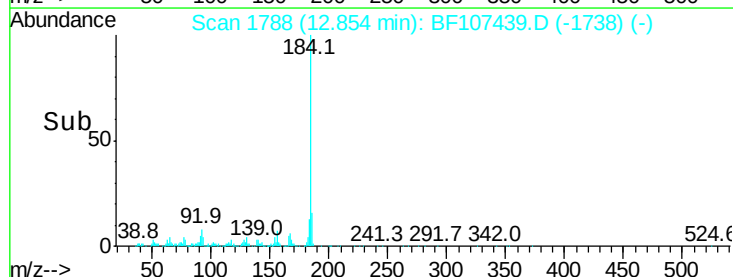
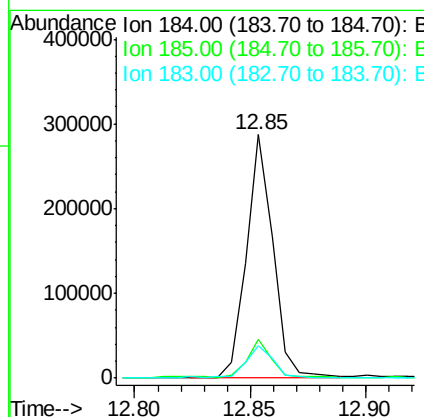
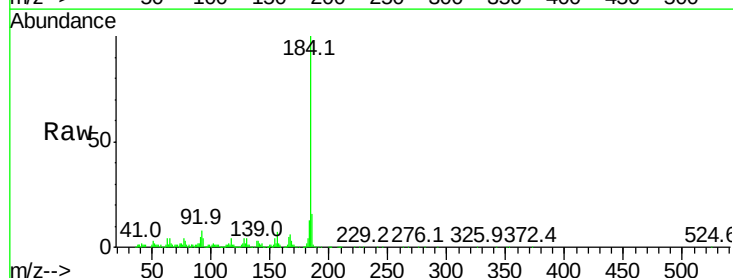
RT: 12.85 min Scan# 1788

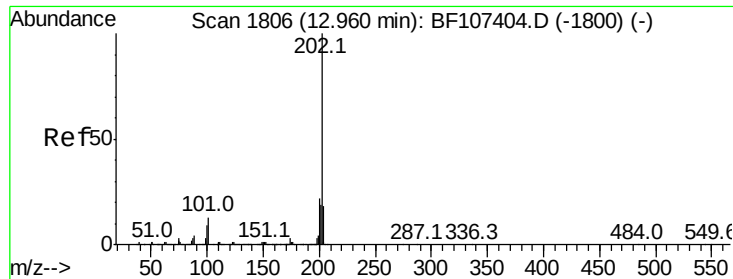
Delta R.T. -0.01 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	13.4	9.3	13.9





#77

Pvrene

Concen: 33.974 ng

RT: 12.97 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Instrument :

BNA_F

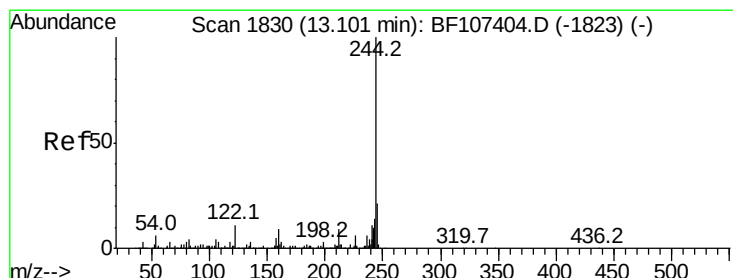
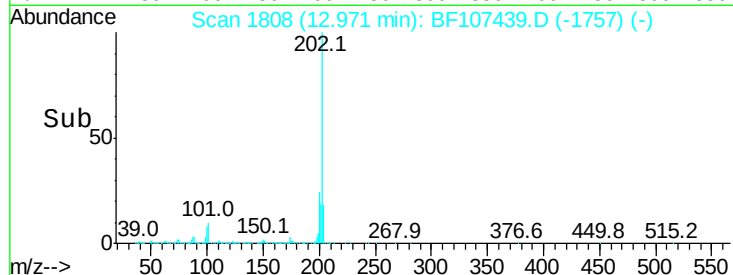
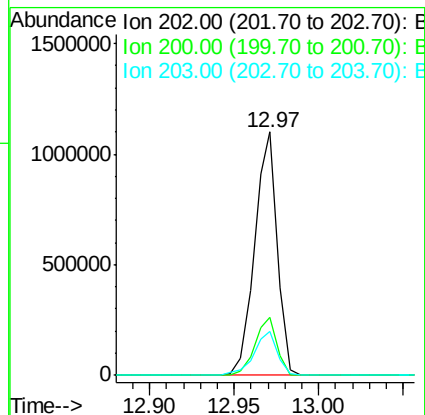
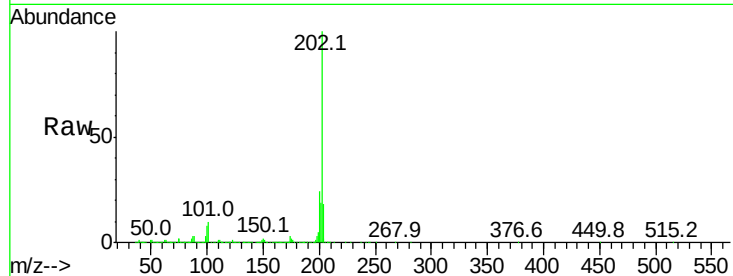
ClientSampleId :

FK-PS-01-033MS

Tot Ion:	202	Resp:	1032827
Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 68.787 ng

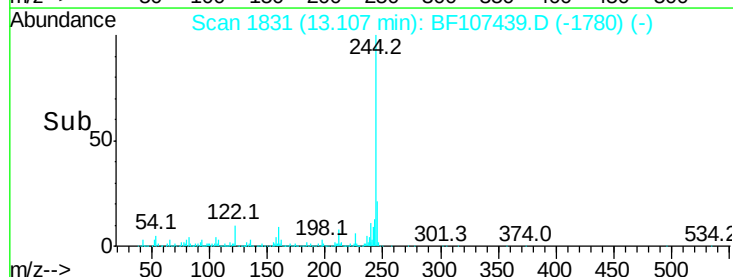
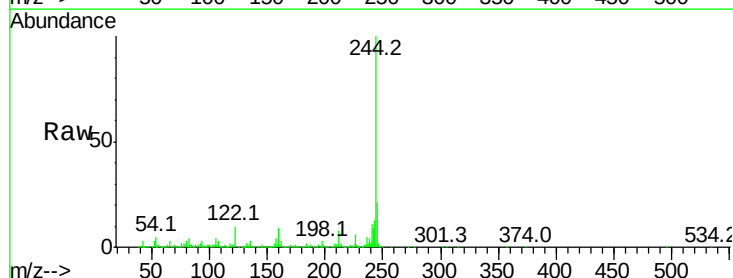
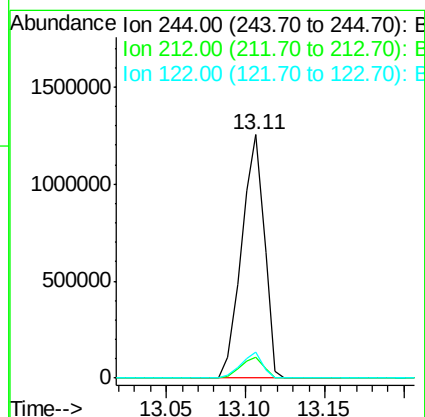
RT: 13.11 min Scan# 1831

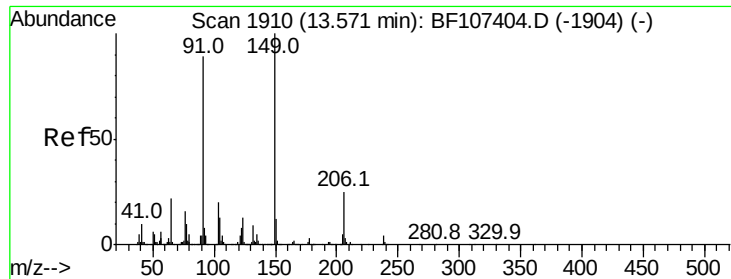
Delta R.T. 0.00 min

Lab File: BF107439.D

Acq: 17 Jul 2018 10:39

Tgt Ion:	244	Resp:	1237680
Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	10.5	11.0	16.4#





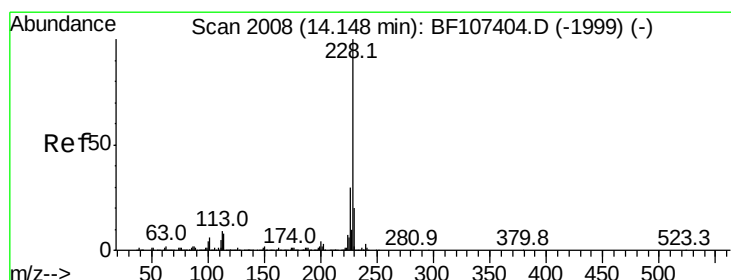
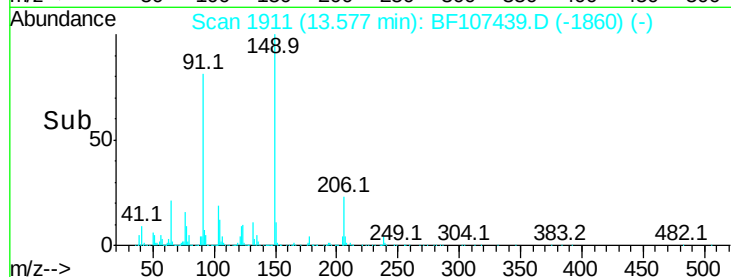
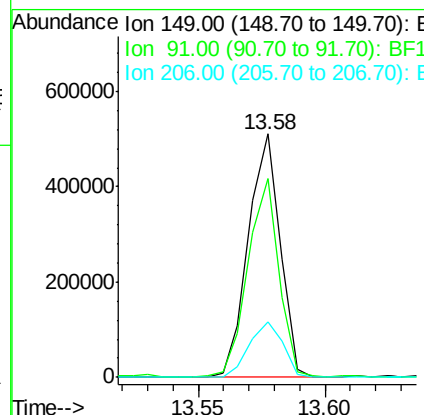
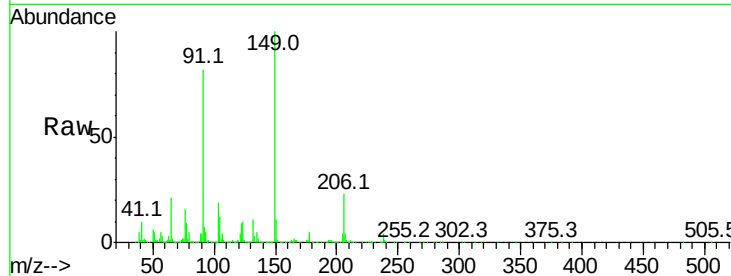
#79
Butylbenzylphthalate
Concen: 40.354 ng
RT: 13.58 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.5	56.8	85.2
206	22.8	14.1	21.1

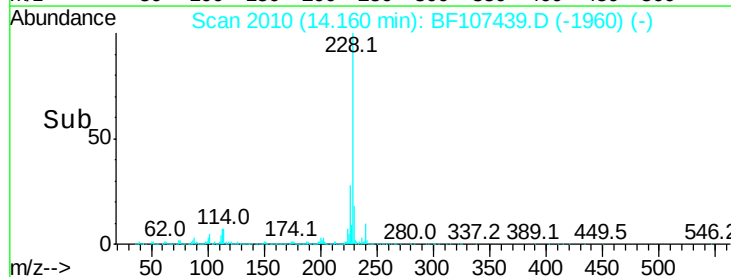
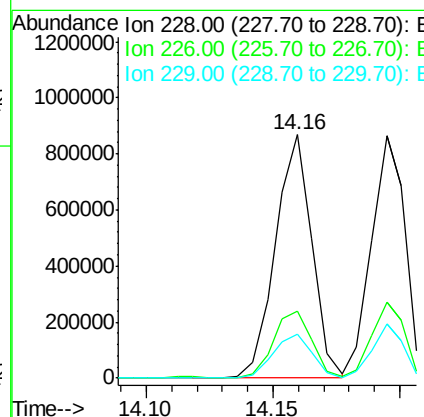
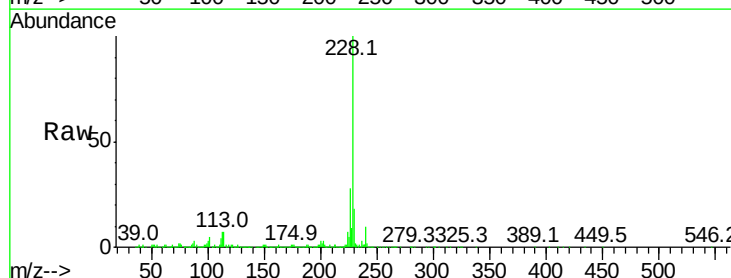
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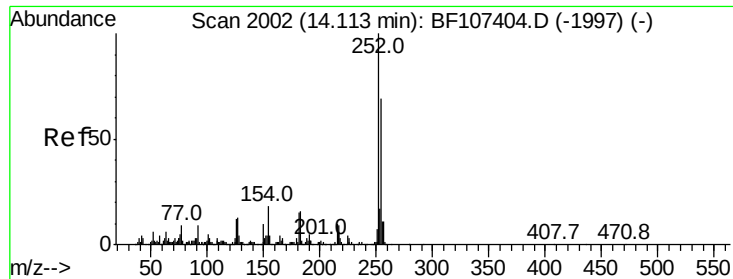
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#80
Benzo(a)anthracene
Concen: 31.888 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	18.2	15.8	23.6





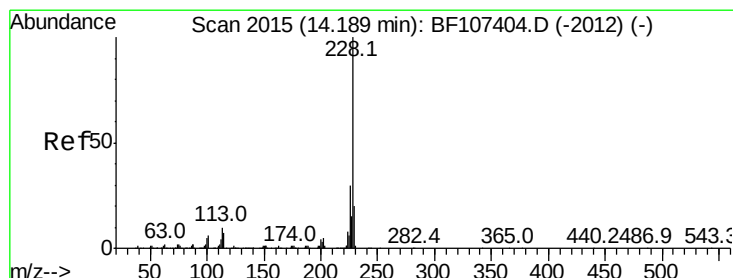
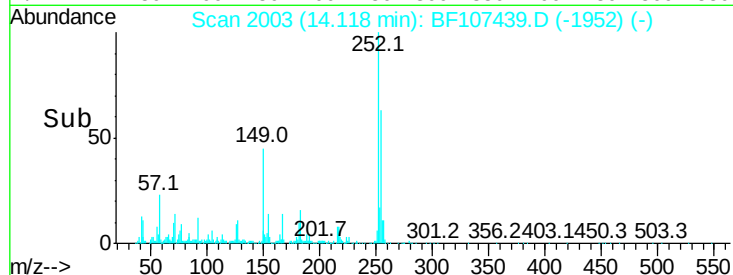
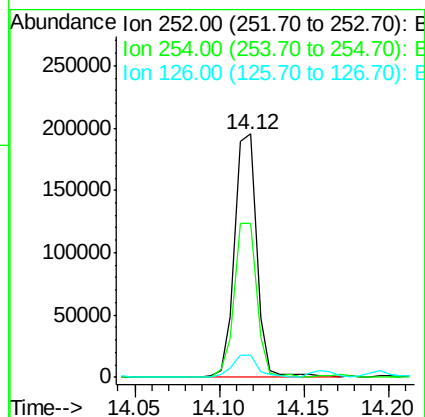
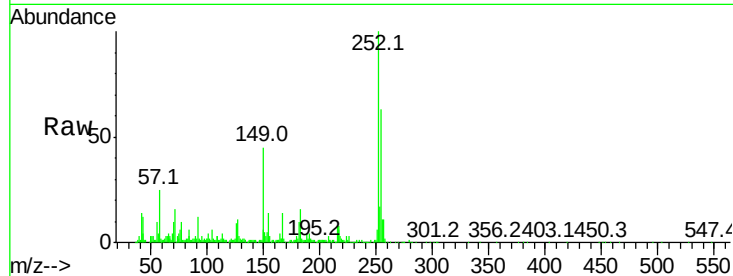
#81
 3,3'-Dichlorobenzidine
 Concen: 19.401 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampled :
 FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	177975		
254	63.1	50.4	75.6	
126	9.2	11.3	16.9	

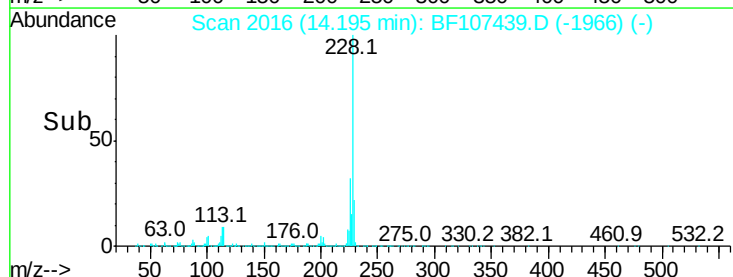
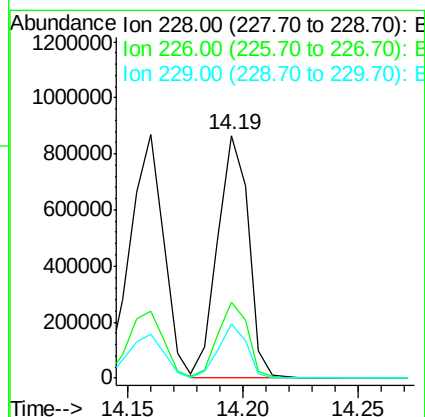
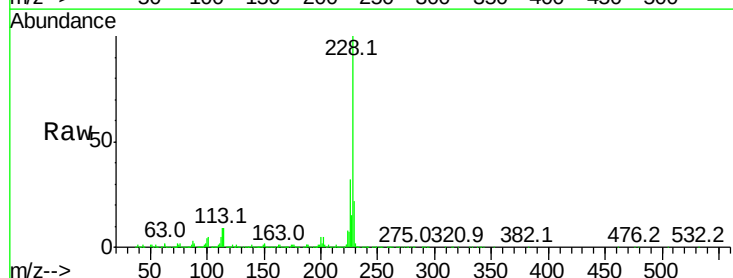
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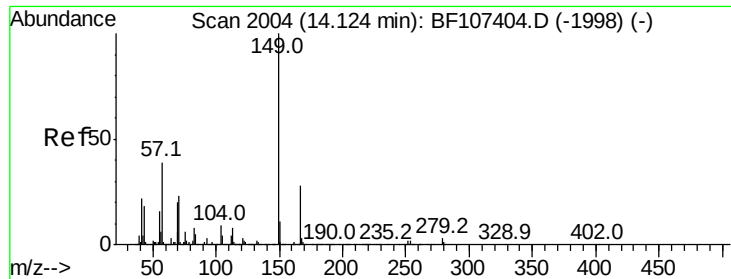
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#82
 Chrysene
 Concen: 30.561 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	798524		
226	31.5	25.0	37.6	
229	22.3	16.2	24.4	





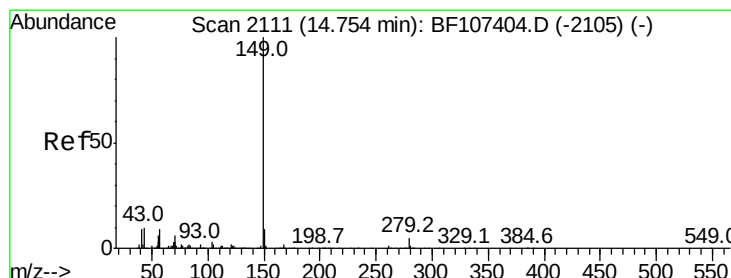
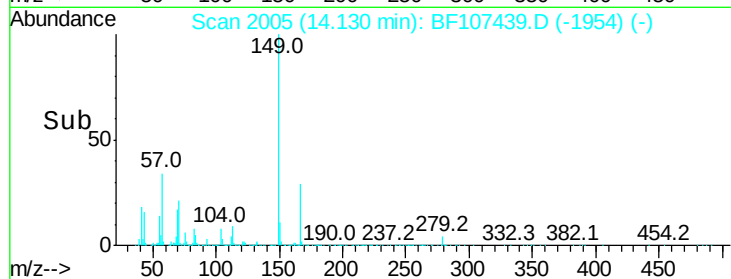
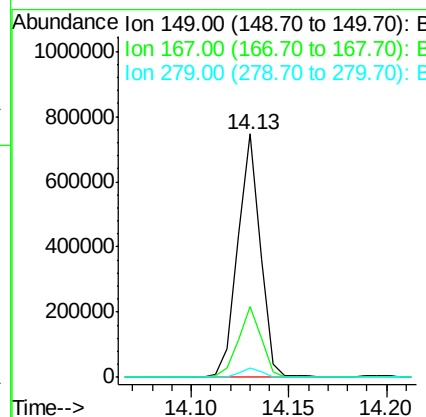
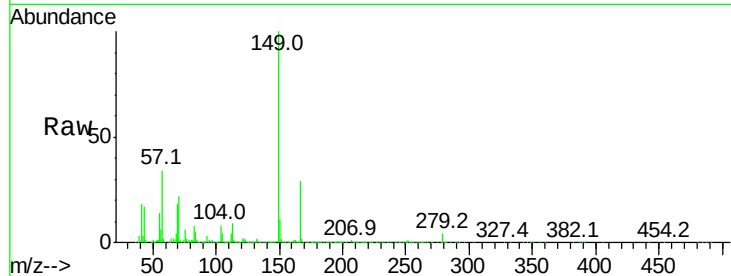
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.733 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.3	31.9
279	4.1	3.0	4.4

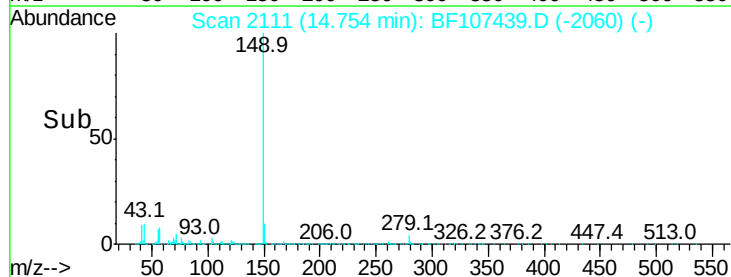
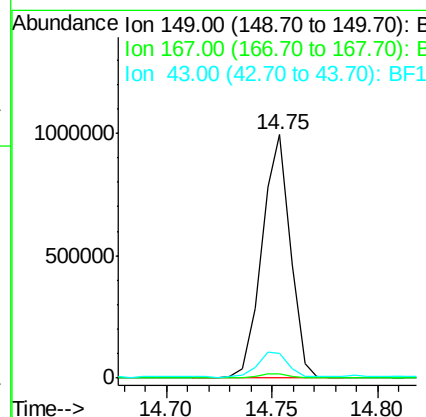
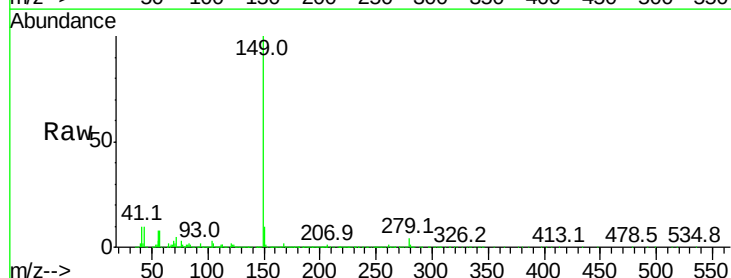
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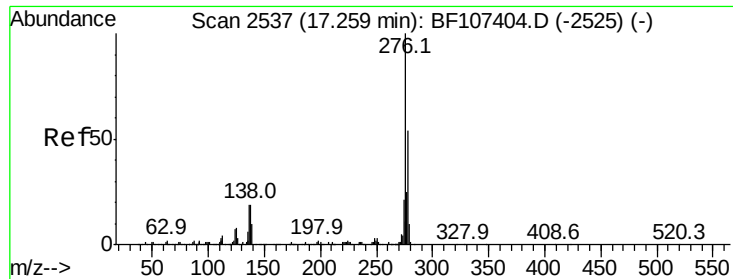
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#84
 Di-n-octyl phthalate
 Concen: 37.461 ng
 RT: 14.75 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	11.1	8.4	12.6





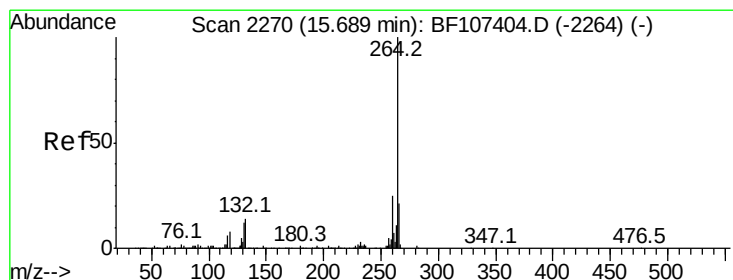
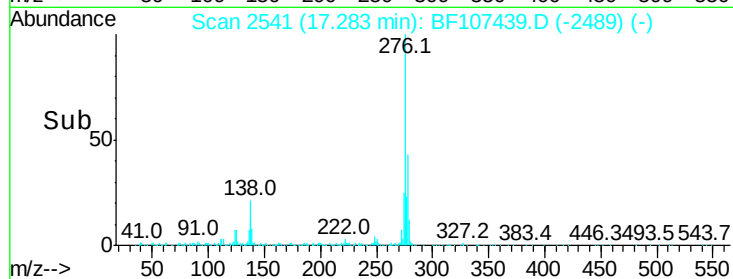
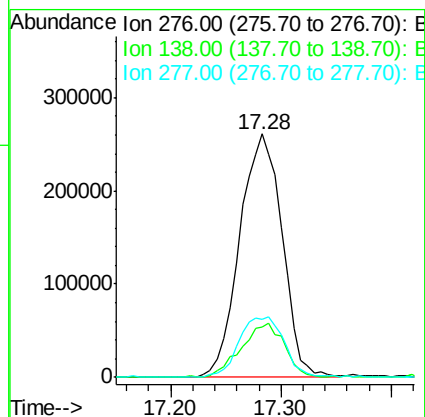
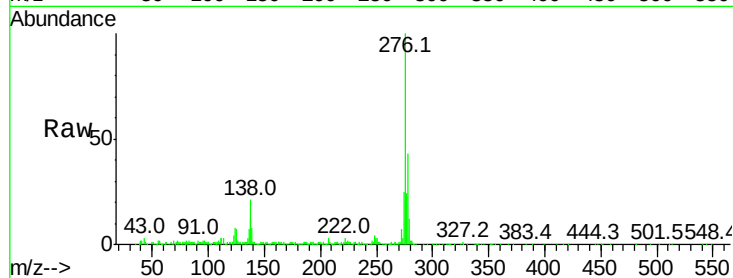
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.994 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	22.7	25.0	37.6#	
277	26.6	20.1	30.1	

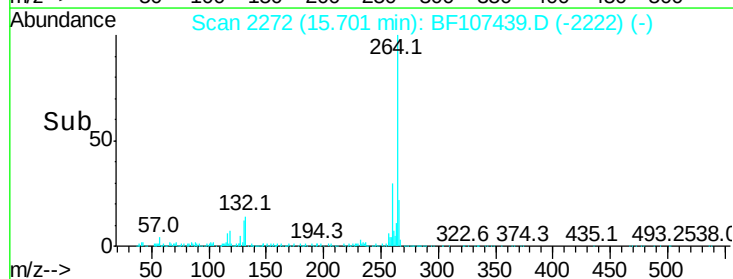
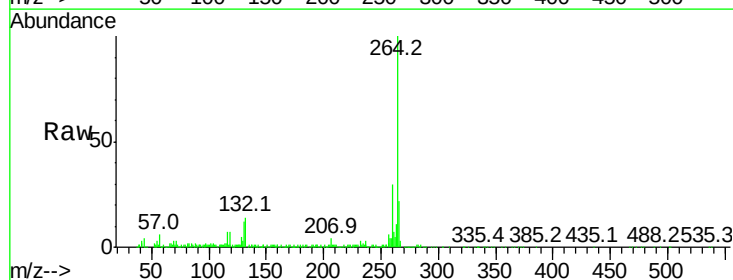
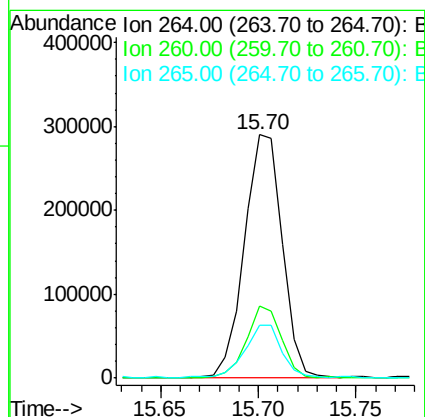
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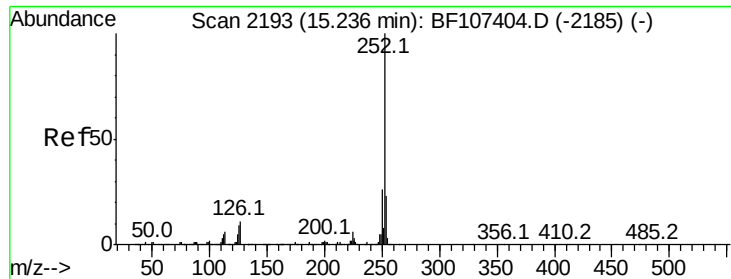
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	29.8	19.2	28.8#	
265	21.8	17.5	26.3	





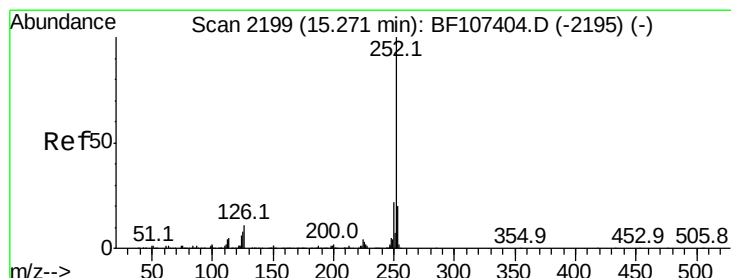
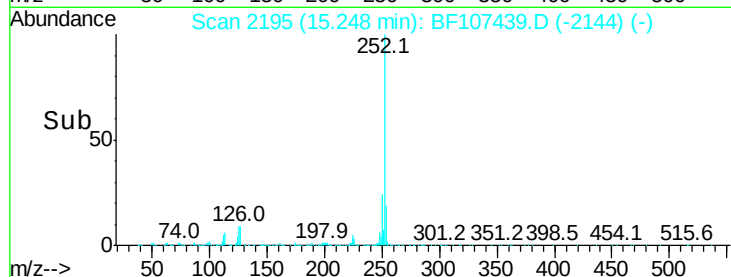
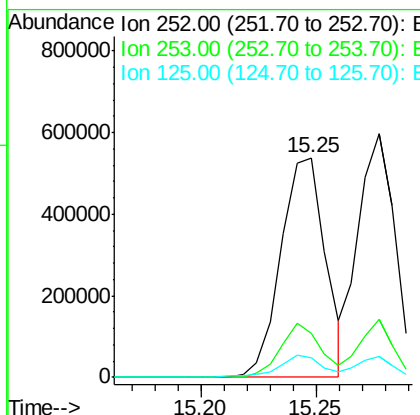
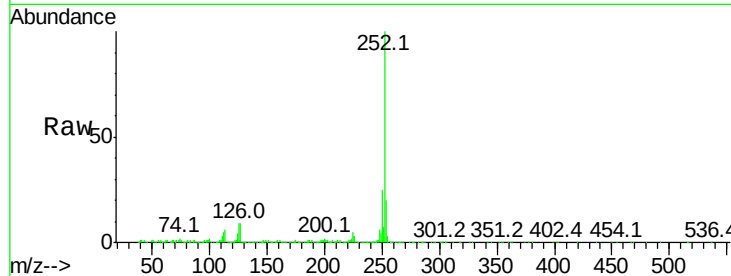
#87
Benzo(b)fluoranthene
Concen: 31.594 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.0	25.6
125	9.1	9.0	13.6

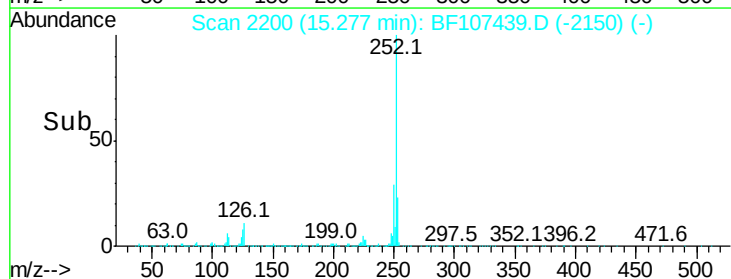
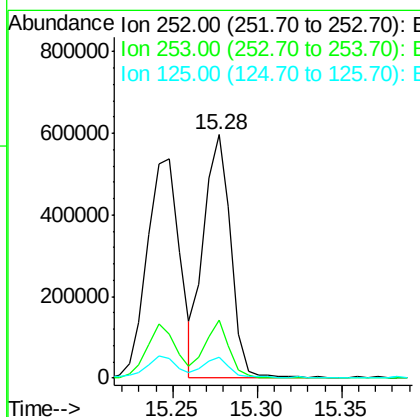
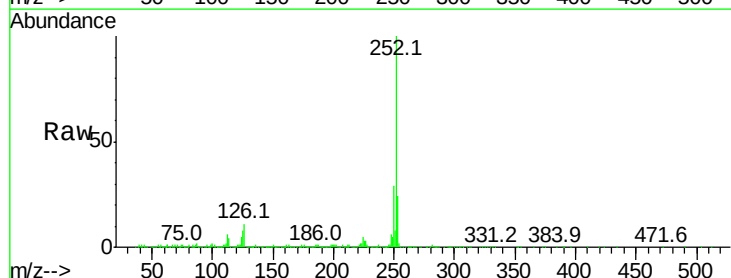
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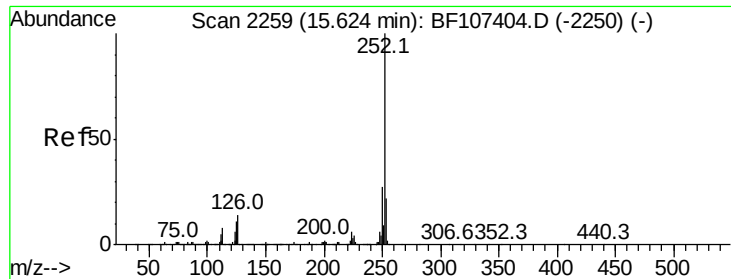
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#88
Benzo(k)fluoranthene
Concen: 29.814 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	8.5	10.2	15.2#





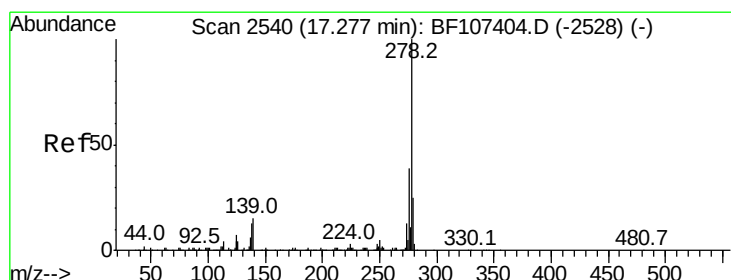
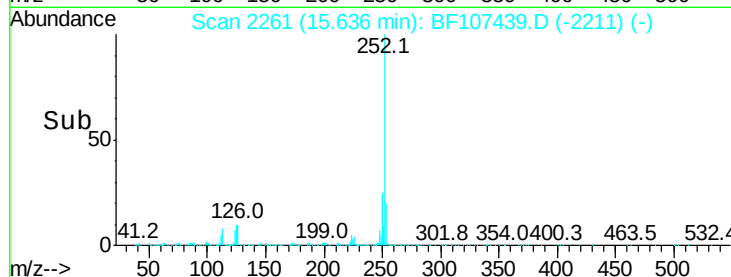
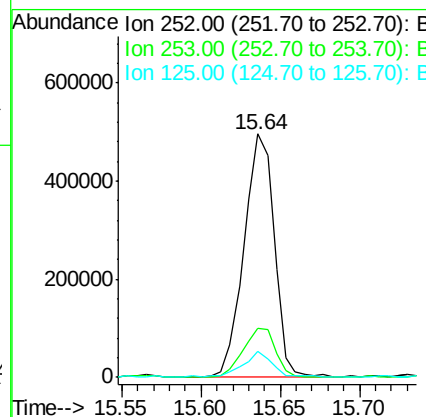
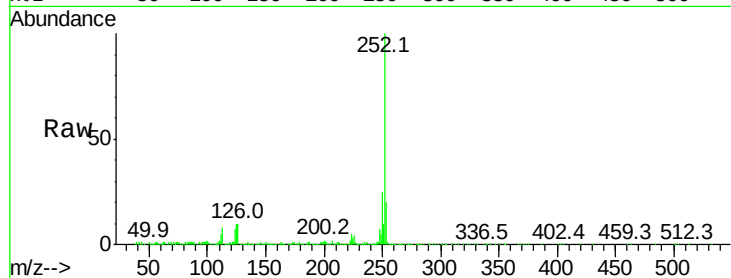
#89
Benzo(a)pyrene
Concen: 31.248 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.1	25.7
125	10.4	9.8	14.6

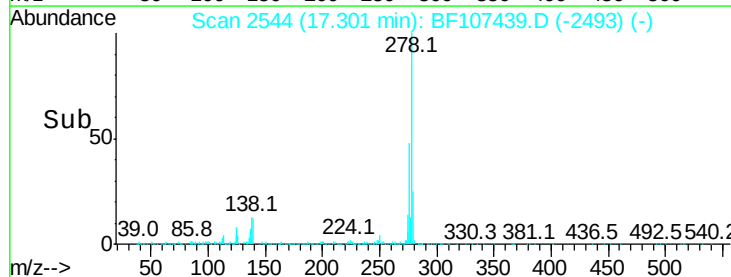
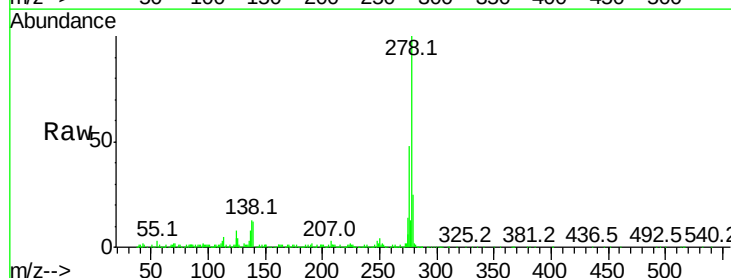
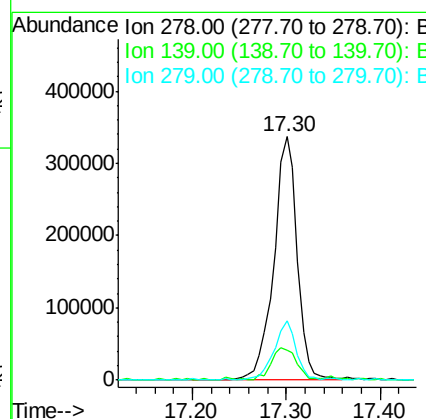
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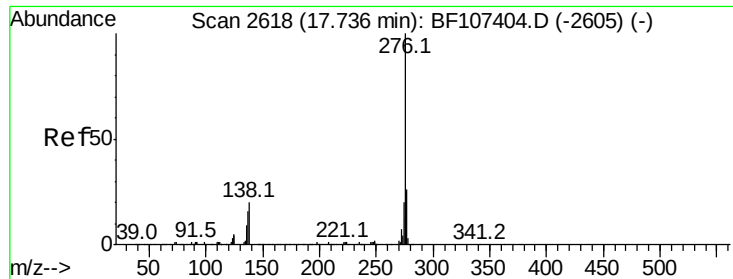
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#90
Dibenzo(a,h)anthracene
Concen: 36.557 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF107439.D
Acq: 17 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	15.9	23.9#
279	24.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.775 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF107439.D
 Acq: 17 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	19.1	21.8	32.8

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