

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107440.D
 Acq On : 17 Jul 2018 11:06
 Operator : JU/SJ
 Sample : J3976-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:43:48 AM

Quant Time: Jul 17 12:25:58 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	132998	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	506982	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	278346	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	618131	20.00	ng	0.00
75) Chrysene-d12	14.17	240	461476	20.00	ng	0.00
86) Perylene-d12	15.70	264	420074	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	720521	82.28	ng	0.00
7) Phenol-d6	6.61	99	943576	83.34	ng	0.00
23) Nitrobenzene-d5	7.55	82	687564	72.32	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	225582	92.24	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1085619	62.11	ng	0.00
78) Terphenyl-d14	13.11	244	1203105	64.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	104093	24.077	ng	89
3) Pyridine	3.66	79	278784	23.908	ng	93
4) n-Nitrosodimethylamine	3.61	42	150337	31.397	ng	# 85
6) Aniline	6.65	93	278170	18.586	ng	# 88
8) 2-Chlorophenol	6.77	128	273850	30.922	ng	96
9) Benzaldehyde	6.54	77	180970	19.870	ng	89
10) Phenol	6.62	94	377166	31.073	ng	# 77
11) bis(2-Chloroethyl)ether	6.72	93	279766	28.243	ng	94
12) 1,3-Dichlorobenzene	6.92	146	296513	27.577	ng	# 88
13) 1,4-Dichlorobenzene	7.00	146	303143	28.442	ng	# 92
14) 1,2-Dichlorobenzene	7.15	146	278278m	27.904	ng	
15) Benzyl Alcohol	7.12	79	328175	28.862	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	301474	28.521	ng	83
17) 2-Methylphenol	7.23	107	249209	29.596	ng	# 87
18) Hexachloroethane	7.50	117	117257	29.567	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	231348	28.539	ng	# 95
20) 3+4-Methylphenols	7.38	107	314014	29.358	ng	# 81
22) Acetophenone	7.39	105	406840	29.207	ng	# 91
24) Nitrobenzene	7.57	77	355527	33.275	ng	# 89
25) Isophorone	7.80	82	623110	33.065	ng	# 92
26) 2-Nitrophenol	7.88	139	143588	39.534	ng	# 73
27) 2,4-Dimethylphenol	7.91	122	263084	34.736	ng	# 84
28) bis(2-Chloroethoxy)methane	8.01	93	369107	31.274	ng	99
29) 2,4-Dichlorophenol	8.12	162	242001	30.705	ng	86
30) 1,2,4-Trichlorobenzene	8.21	180	275263	28.841	ng	99
31) Naphthalene	8.29	128	792281	32.173	ng	97
32) Benzoic acid	8.01	122	110410	23.753	ng	# 86
33) 4-Chloroaniline	8.33	127	183151	17.173	ng	# 78
34) Hexachlorobutadiene	8.40	225	180787	28.309	ng	97
35) Caprolactam	8.70	113	81865m	31.931	ng	
36) 4-Chloro-3-methylphenol	8.81	107	324711	31.530	ng	# 84
37) 2-Methylnaphthalene	8.98	142	526721	32.449	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	319596	29.506	ng	98
40) Hexachlorocyclopentadiene	9.13	237	304110	53.755	ng	97

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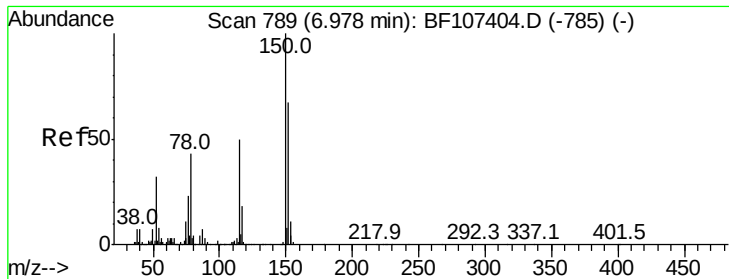
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	206908	30.601	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	208621m	32.253	nq	
45) 1,1'-Biphenyl	9.44	154	689917	28.668	nq	98
46) 2-Chloronaphthalene	9.47	162	544703	28.657	nq	92
47) 2-Nitroaniline	9.57	65	226554	38.948	nq	# 72
48) Acenaphthylene	9.89	152	818293	30.849	nq	97
49) Dimethylphthalate	9.74	163	886512	40.085	nq	100
50) 2,6-Dinitrotoluene	9.81	165	152986	36.251	nq	# 77
51) Acenaphthene	10.06	154	619221	35.214	nq	95
52) 3-Nitroaniline	9.98	138	108880	24.563	nq	# 87
53) 2,4-Dinitrophenol	10.08	184	156157	77.284	nq	# 26
54) Dibenzofuran	10.24	168	777382	28.608	nq	96
55) 4-Nitrophenol	10.14	139	233201	65.016	nq	# 47
56) 2,4-Dinitrotoluene	10.21	165	210123	38.199	nq	# 85
57) Fluorene	10.58	166	572899	31.833	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	200033	31.926	nq	# 87
59) Diethylphthalate	10.44	149	668942	31.134	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	309092	28.833	nq	91
61) 4-Nitroaniline	10.60	138	141324	33.502	nq	# 52
62) Azobenzene	10.73	77	726542	28.796	nq	89
64) 4,6-Dinitro-2-methylphenol	10.62	198	125920	39.571	nq	92
65) n-Nitrosodiphenylamine	10.68	169	562177	28.796	nq	95
66) 4-Bromophenyl-phenylether	11.06	248	195353	27.624	nq	88
67) Hexachlorobenzene	11.12	284	194757	29.751	nq	# 89
68) Atrazine	11.21	200	222020	30.094	nq	98
69) Pentachlorophenol	11.32	266	221404	45.767	nq	99
70) Phenanthrene	11.55	178	926156	30.065	nq	97
71) Anthracene	11.60	178	934535	30.458	nq	99
72) Carbazole	11.75	167	809982	27.885	nq	98
73) Di-n-butylphthalate	12.07	149	1023554	30.661	nq	# 98
74) Fluoranthene	12.74	202	1023787	29.240	nq	96
76) Benzidine	12.85	184	284529	15.887	nq	# 93
77) Pyrene	12.97	202	1024729	32.654	nq	97
79) Butylbenzylphthalate	13.58	149	443149	38.768	nq	# 81
80) Benzo(a)anthracene	14.16	228	842746	29.847	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	184728	19.507	nq	# 98
82) Chrysene	14.19	228	779892	28.915	nq	97
83) Bis(2-ethylhexyl)phthalate	14.13	149	598845	36.559	nq	94
84) Di-n-octyl phthalate	14.75	149	937921	36.834	nq	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	743697	38.736	nq	# 89
87) Benzo(b)fluoranthene	15.25	252	738762	30.046	nq	# 95
88) Benzo(k)fluoranthene	15.28	252	680788	28.372	nq	# 95
89) Benzo(a)pyrene	15.64	252	690280	30.587	nq	# 97
90) Dibenzo(a,h)anthracene	17.31	278	597975	35.109	nq	# 88
91) Benzo(g,h,i)perylene	17.77	276	610166	35.256	nq	# 86

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



#1

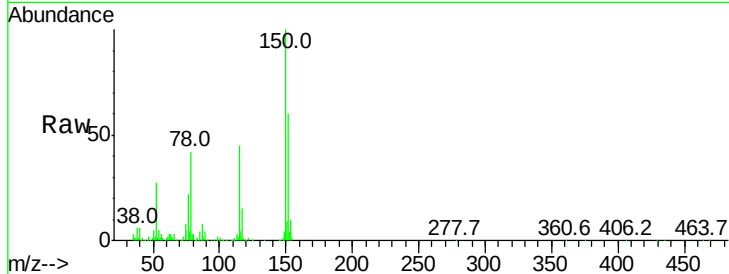
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Instrument :
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ClientSampleId :
FK-PS-01-033MSD

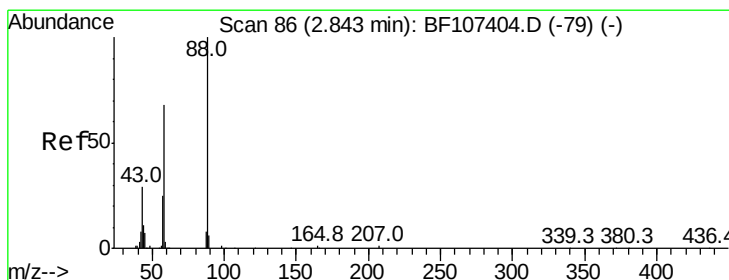
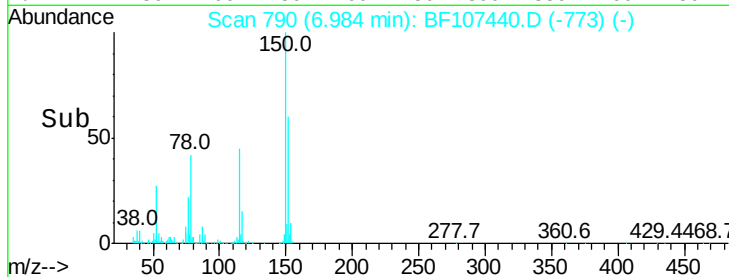
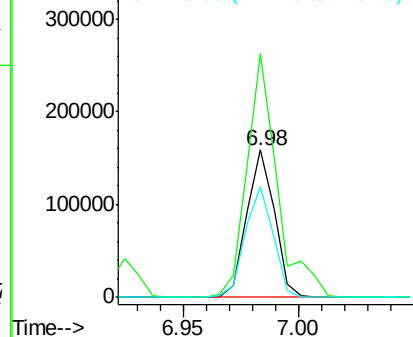
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	124.6	186.8
115	75.0	50.1	75.1

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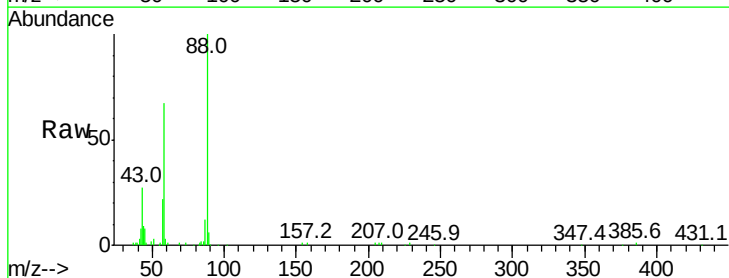
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



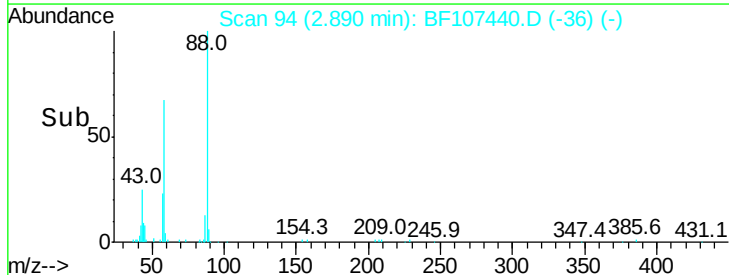
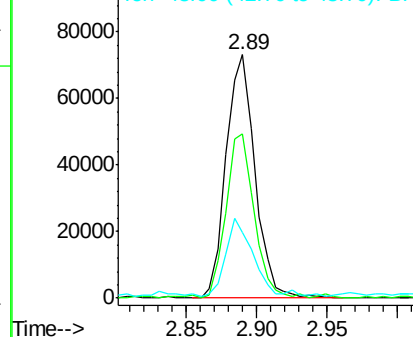
#2

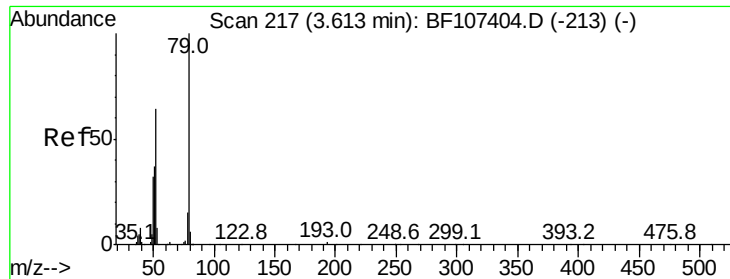
1,4-Dioxane
Concen: 24.077 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.04 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	62.6	93.8
43	29.6	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvrindine

Concen: 23.908 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

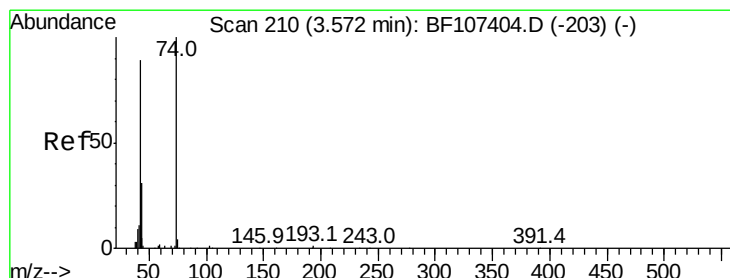
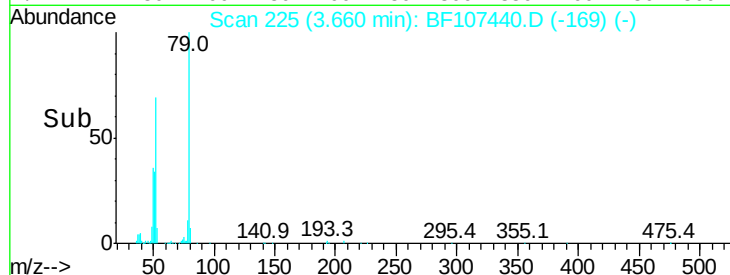
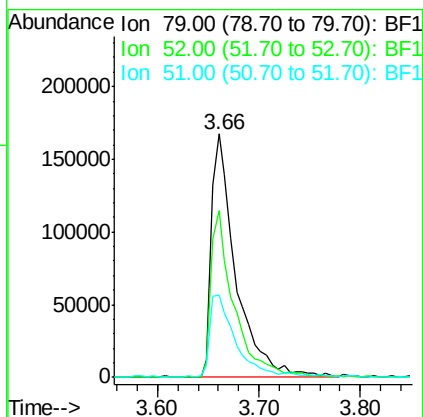
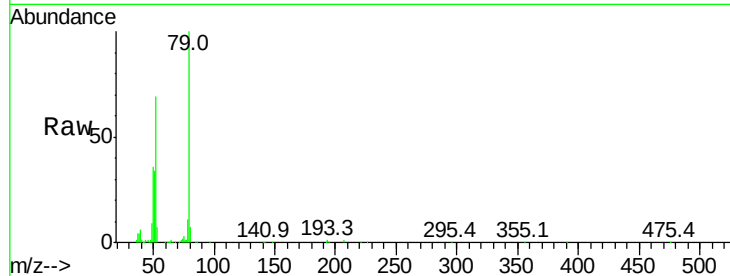
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	79	Resp:	278784
Ion Ratio	Lower	Upper	
79	100		
52	68.5	59.8	89.6
51	34.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 31.397 ng

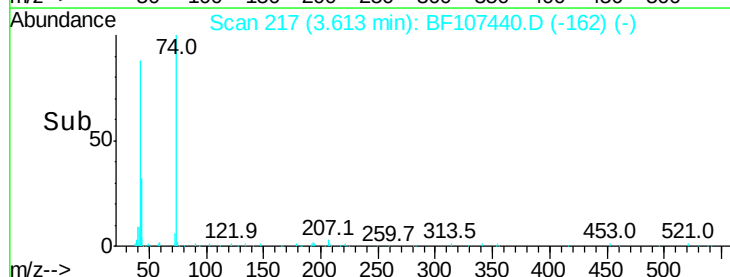
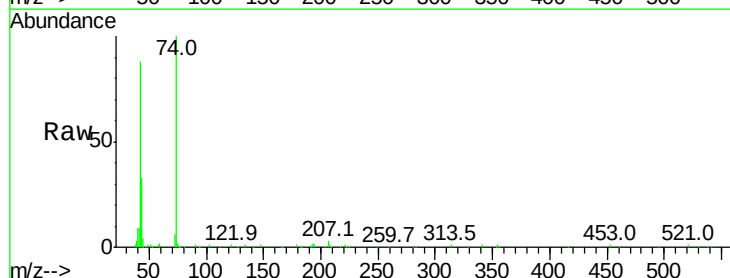
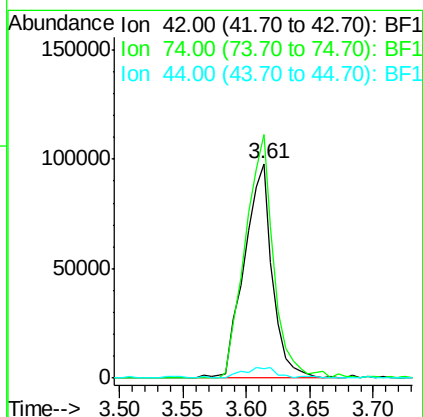
RT: 3.61 min Scan# 217

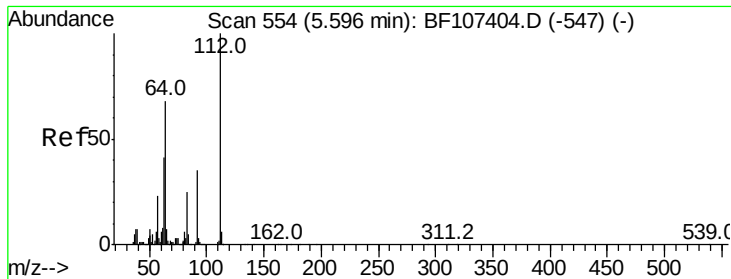
Delta R.T. 0.02 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	42	Resp:	150337
Ion Ratio	Lower	Upper	
42	100		
74	113.5	104.9	157.3
44	4.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 82.278 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

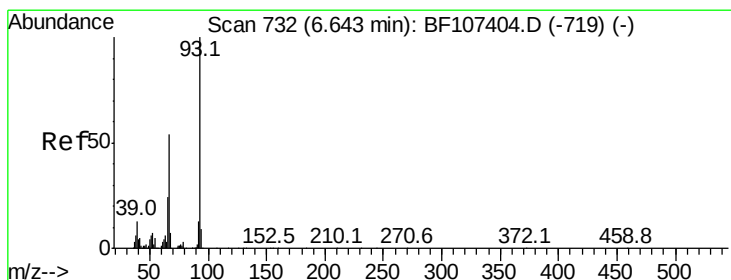
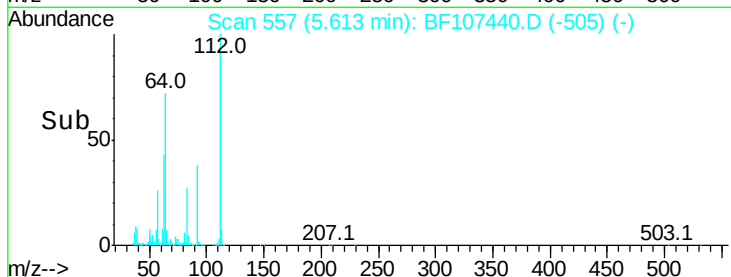
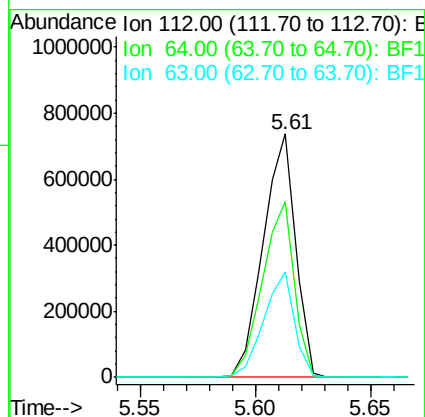
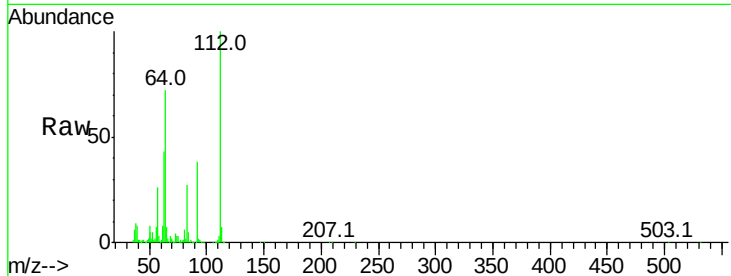
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		720521		
64	72.1	47.9	71.9#		
63	43.1	23.7	35.5#		

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#6

Aniline

Concen: 18.586 ng

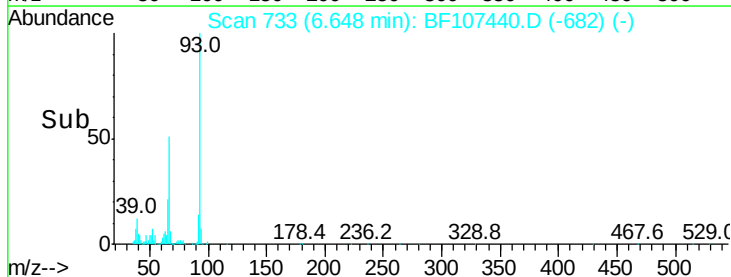
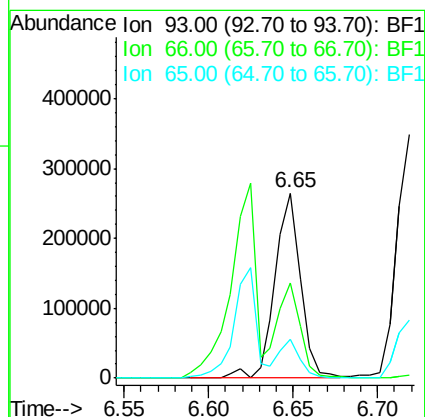
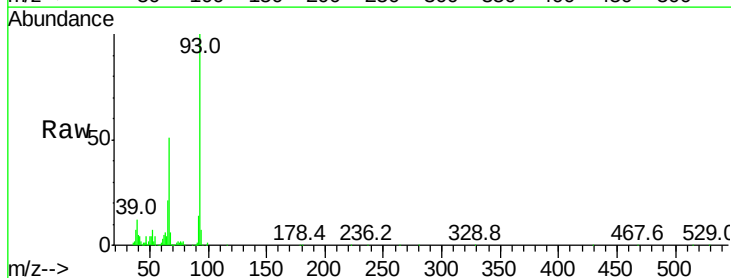
RT: 6.65 min Scan# 733

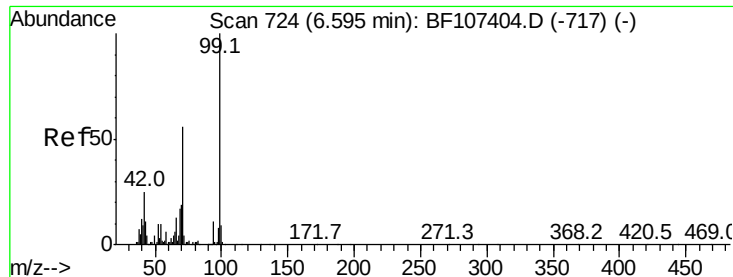
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		278170		
66	51.1	32.2	48.2#		
65	21.2	16.4	24.6		





#7

Phenol-d6

Concen: 83.340 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

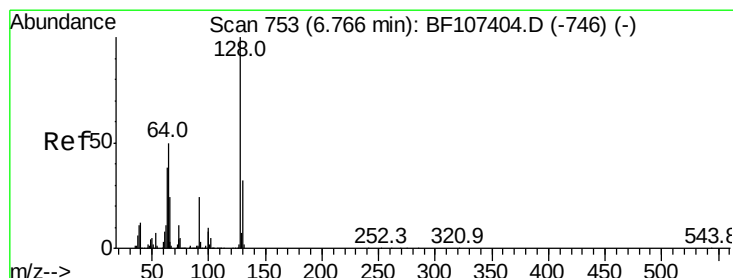
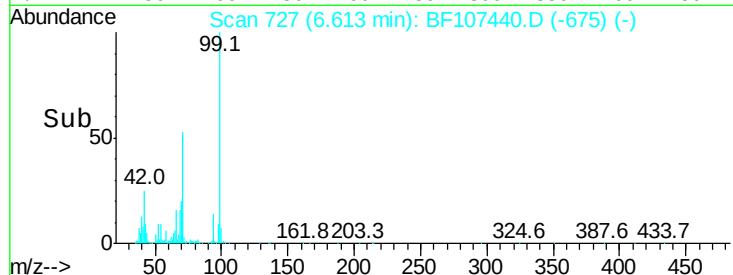
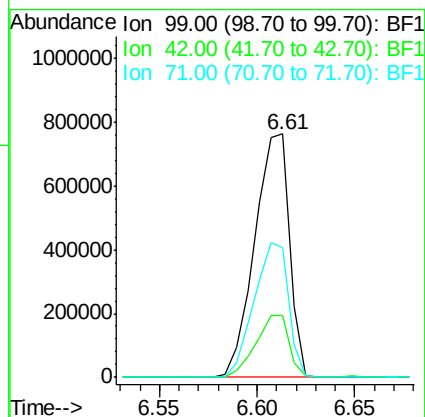
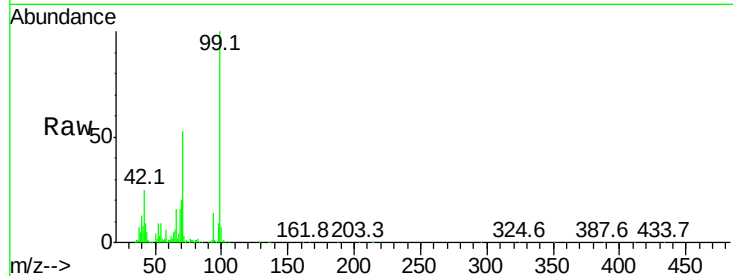
ClientSampleId :

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Tot Ion:	99	Resp:	943576
Ion Ratio	Lower	Upper	
99	100		
42	25.2	14.5	21.7#
71	53.4	25.4	38.0#

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#8

2-Chlorophenol

Concen: 30.922 ng

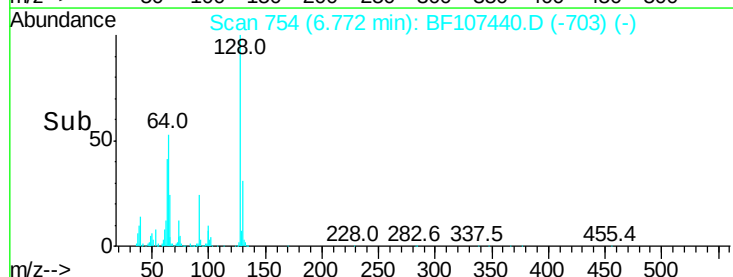
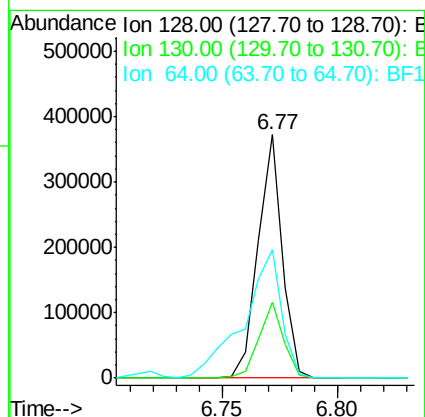
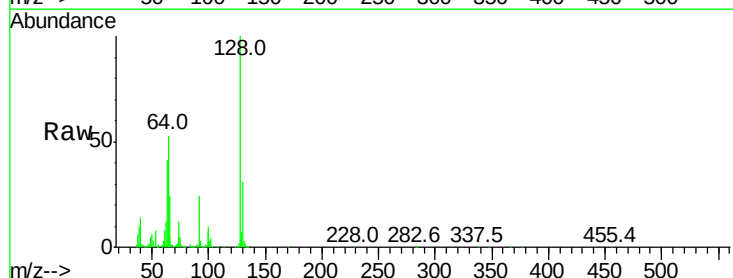
RT: 6.77 min Scan# 754

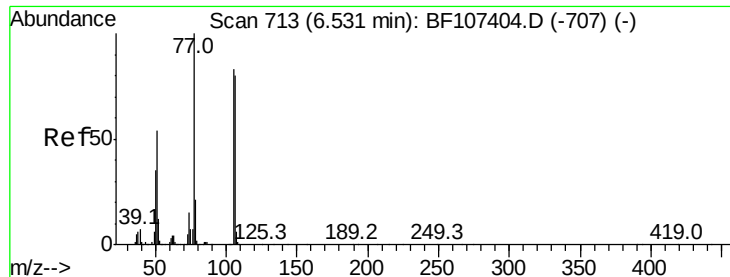
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	128	Resp:	273850
Ion Ratio	Lower	Upper	
128	100		
130	31.1	13.0	53.0
64	52.6	29.4	69.4





#9

Benzaldehyde

Concen: 19.870 ng

RT: 6.54 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

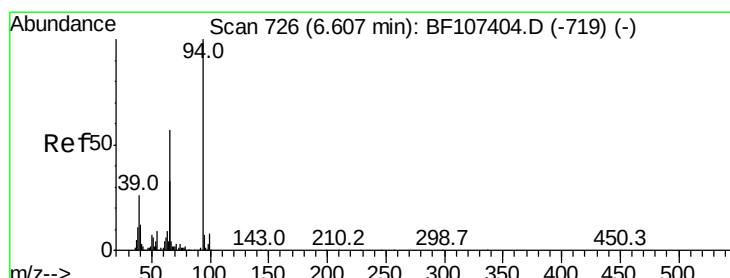
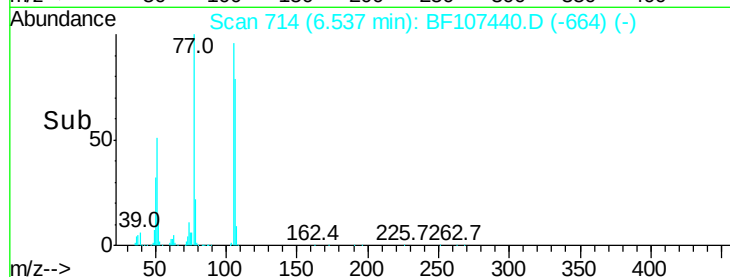
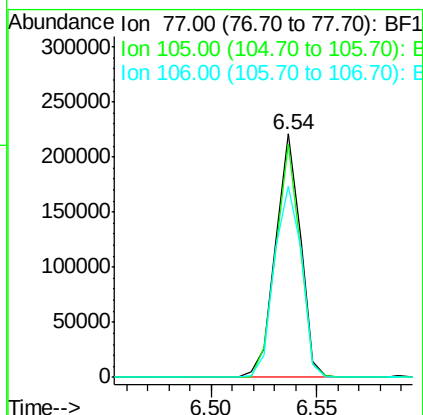
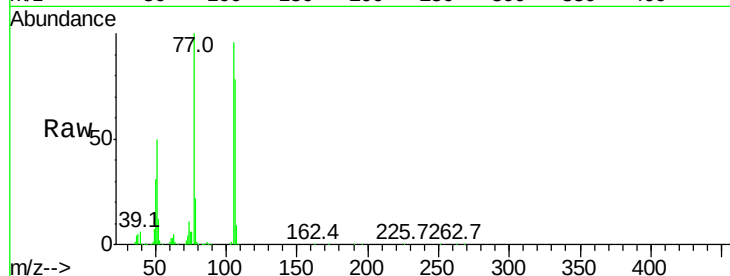
ClientSampleId :

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Tot Ion:	77	Resp:	180970
Ion Ratio	Lower	Upper	
77	100		
105	96.1	81.1	121.1
106	78.4	74.5	114.5

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#10

Phenol

Concen: 31.073 ng

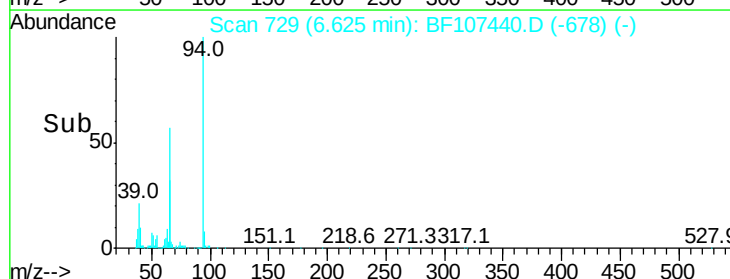
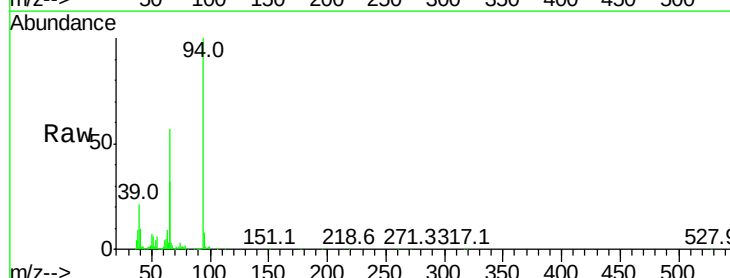
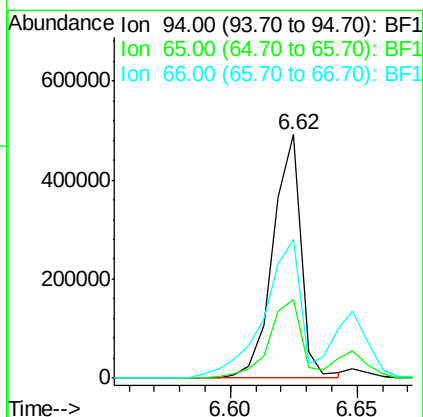
RT: 6.62 min Scan# 729

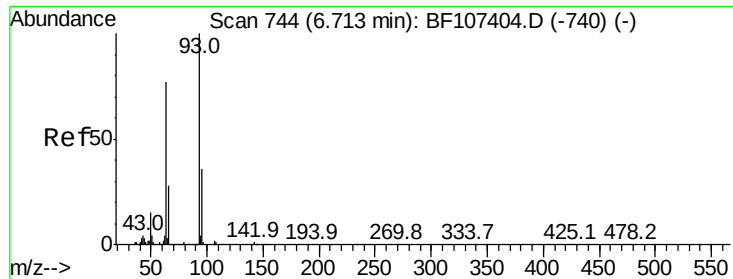
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	94	Resp:	377166
Ion Ratio	Lower	Upper	
94	100		
65	32.2	7.9	47.9
66	57.0	16.2	56.2#





#11

bis(2-Chloroethyl)ether

Concen: 28.243 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

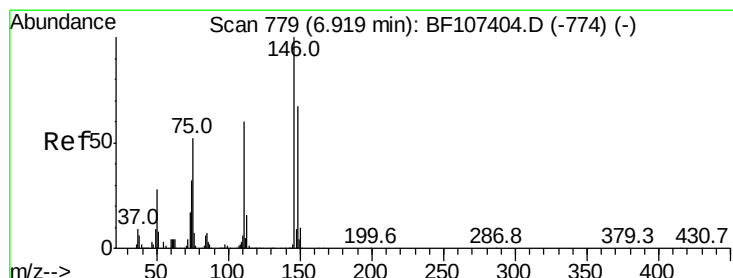
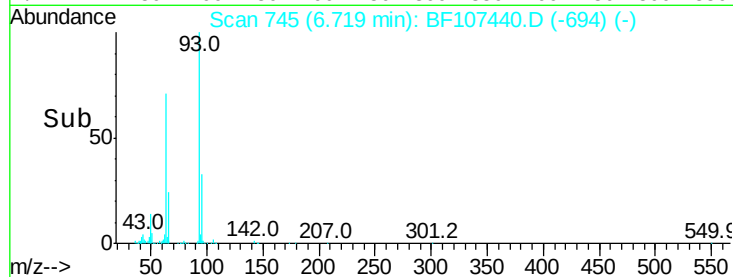
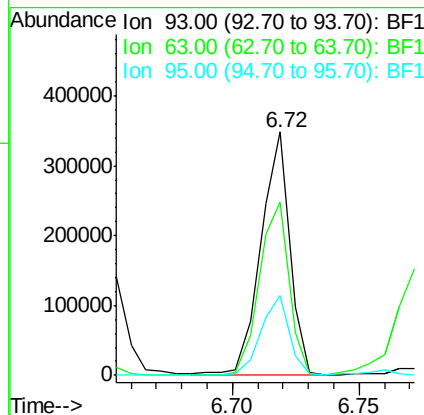
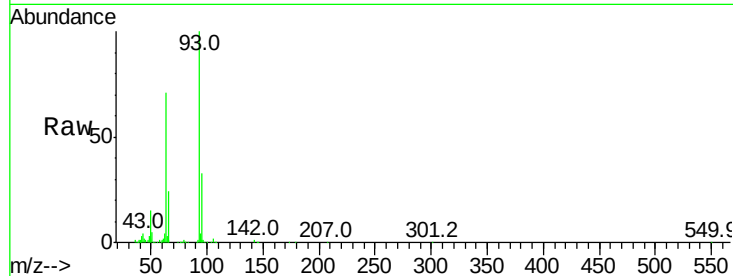
ClientSampleId :

FK-PS-01-033MSD

Tot Ion	93	Resp	279766
Ion Ratio	Lower	Upper	
93	100		
63	71.3	58.6	98.6
95	32.9	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 27.577 ng

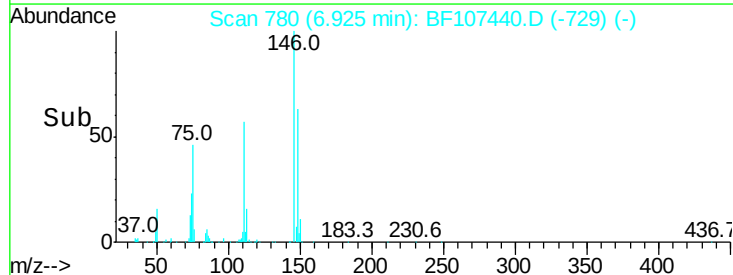
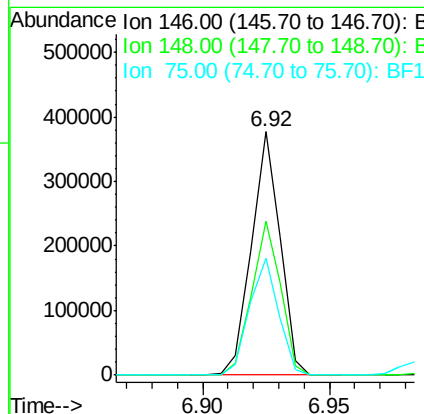
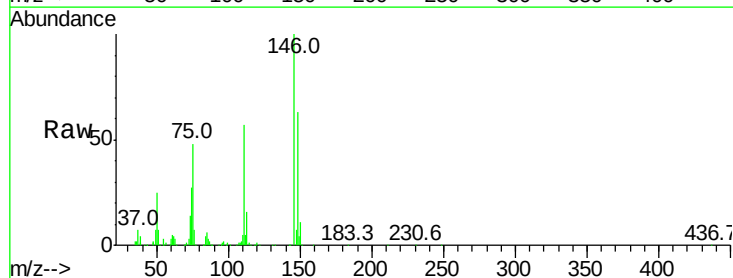
RT: 6.92 min Scan# 780

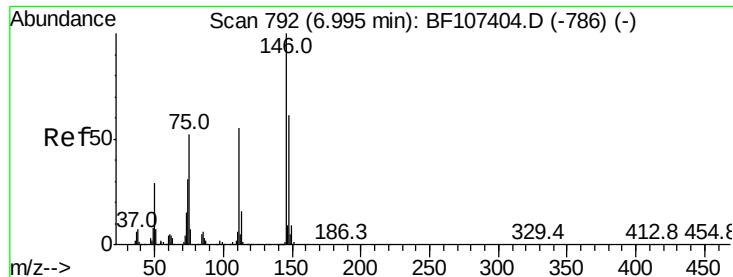
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	146	Resp	296513
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.8
75	48.0	24.2	36.4#





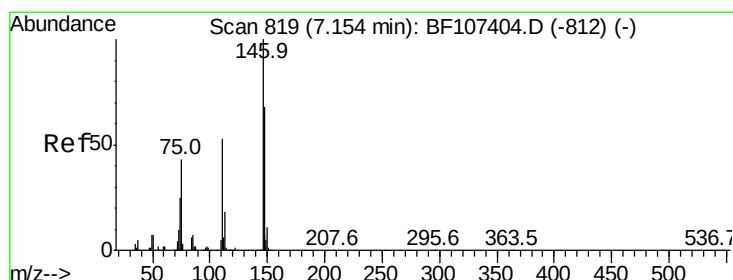
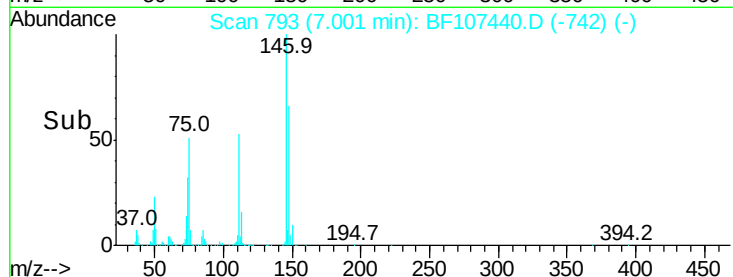
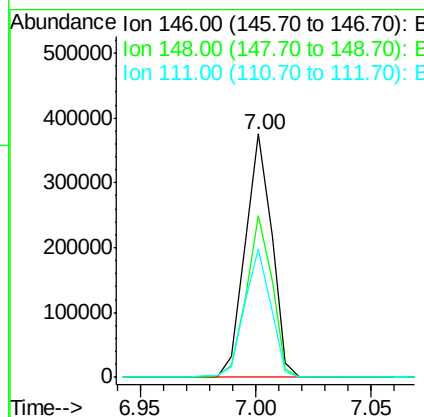
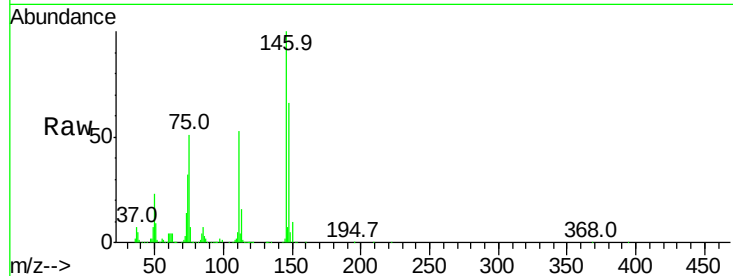
#13
 1,4-Dichlorobenzene
 Concen: 28.442 ng
 RT: 7.00 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.8	76.2
111	52.6	34.2	51.2

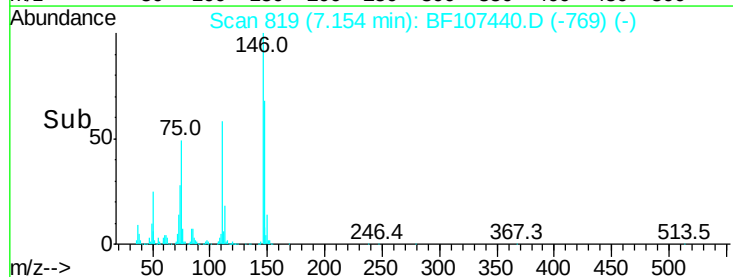
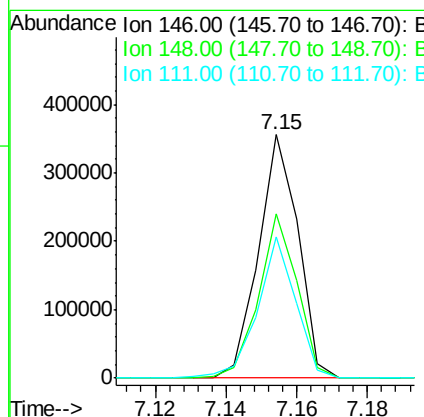
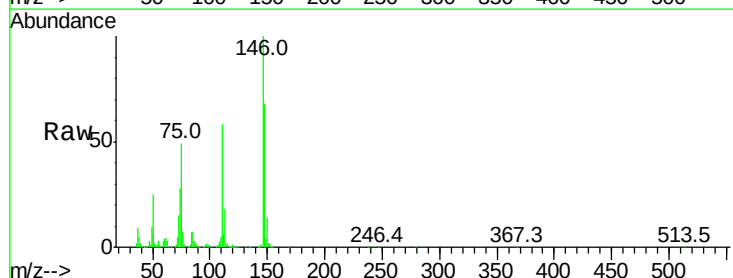
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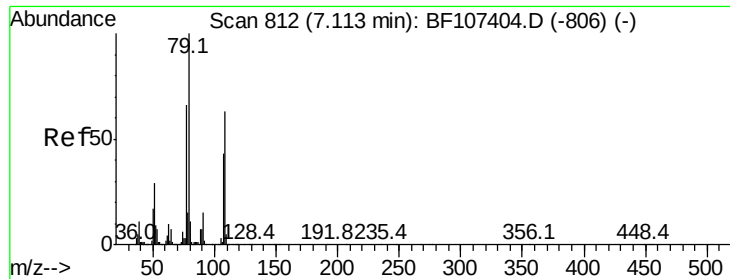
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#14
 1,2-Dichlorobenzene
 Concen: 27.904 ng m
 RT: 7.15 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.6	75.8
111	57.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 28.862 ng

RT: 7.12 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

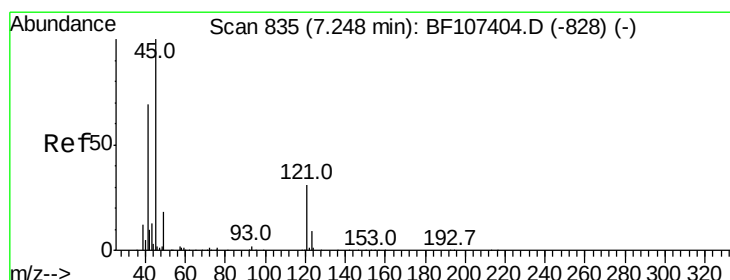
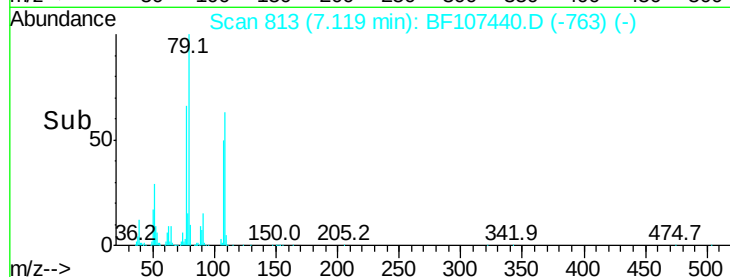
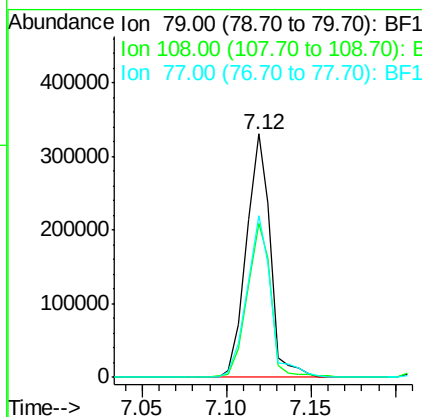
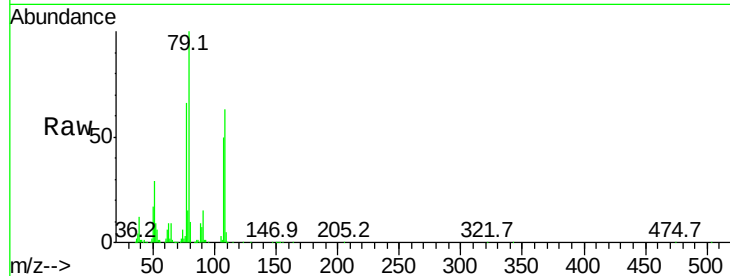
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	79	Resp:	328175
Ion Ratio	Lower	Upper	
79	100		
108	63.4	65.1	97.7#
77	66.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.521 ng

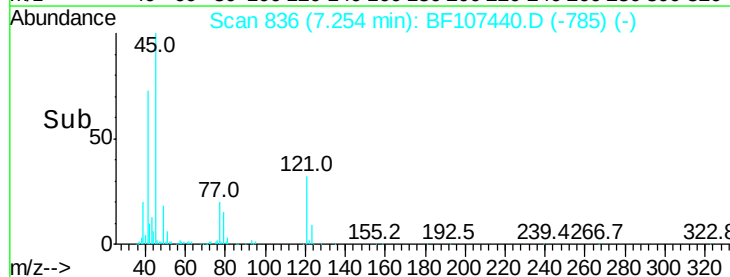
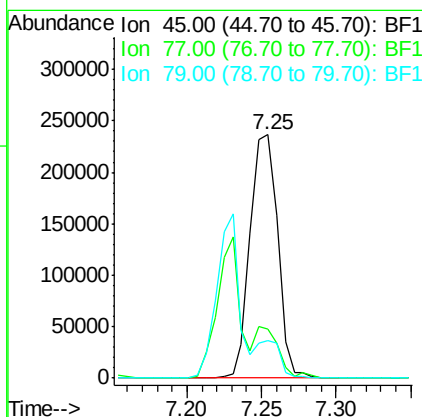
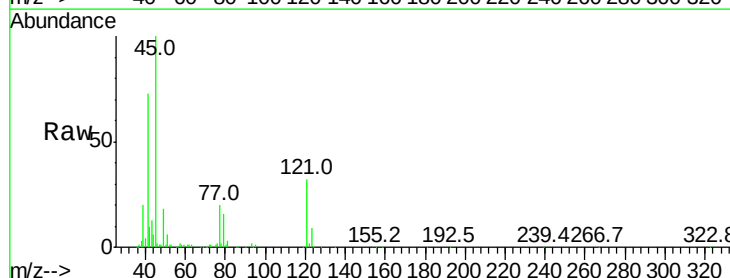
RT: 7.25 min Scan# 836

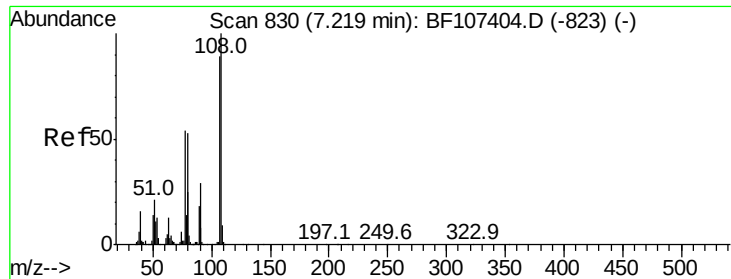
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	45	Resp:	301474
Ion Ratio	Lower	Upper	
45	100		
77	20.2	0.0	32.9
79	15.5	0.0	29.6





#17

2-Methylphenol

Concen: 29.596 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tot Ion:107 Resp: 249209

Ion Ratio Lower Upper

107 100

108 112.1 91.7 137.5

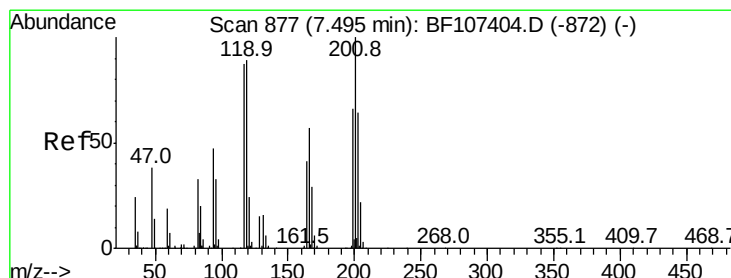
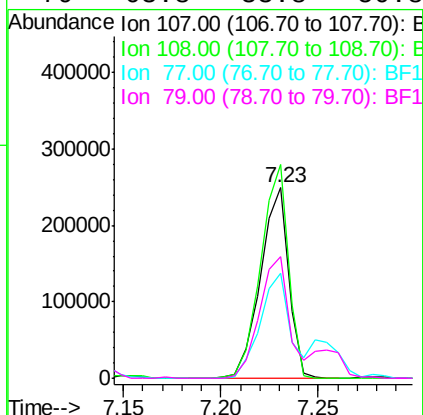
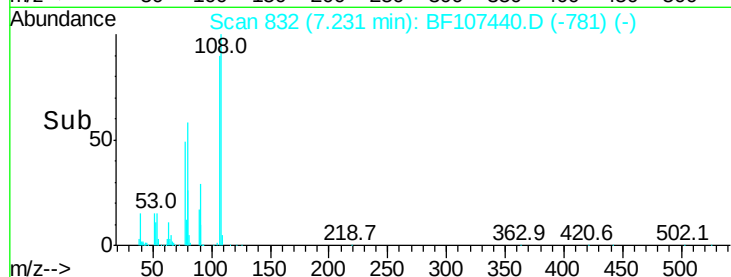
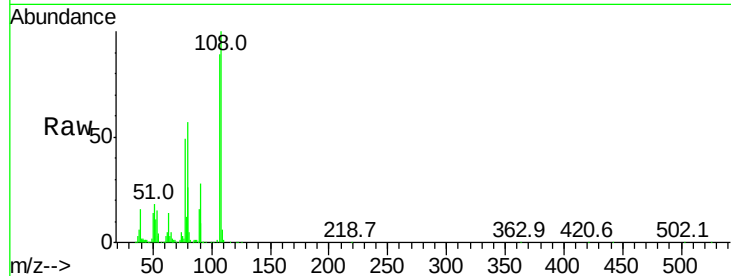
77 54.9 33.8 50.8#

79 63.8 33.8 50.8#

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#18

Hexachloroethane

Concen: 29.567 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

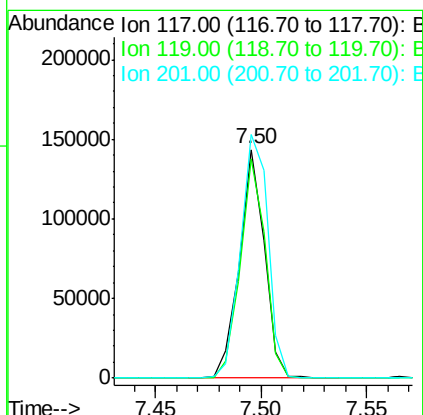
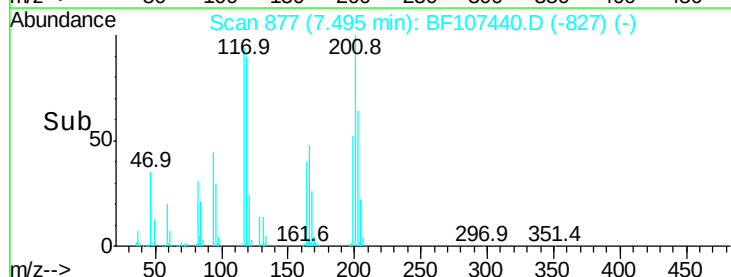
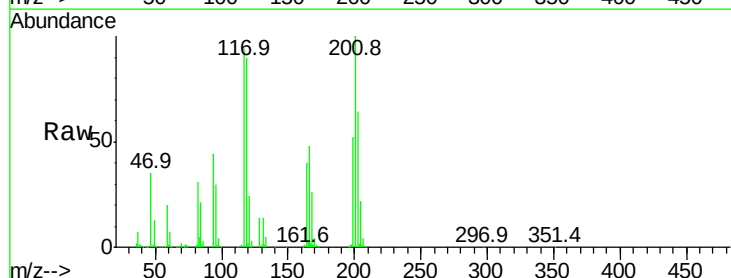
Tgt Ion:117 Resp: 117257

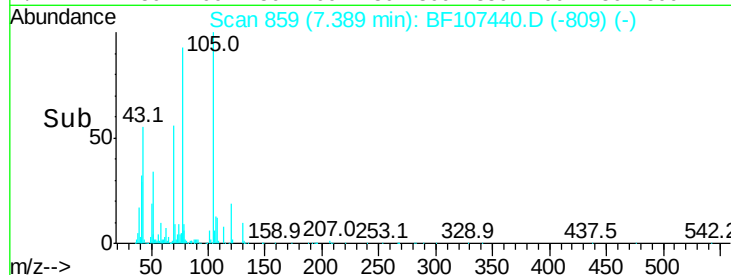
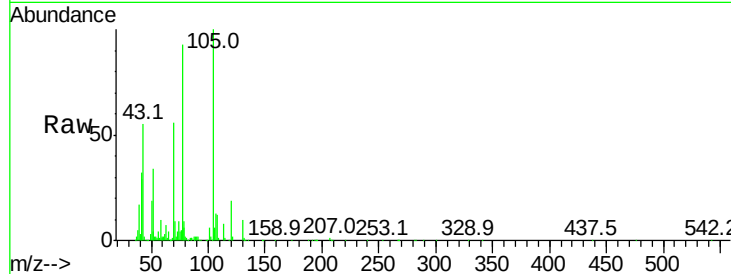
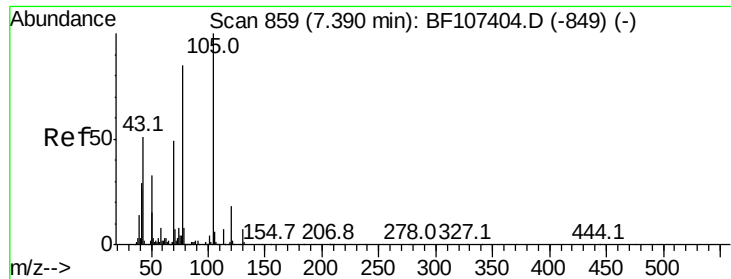
Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

201 106.4 75.7 113.5





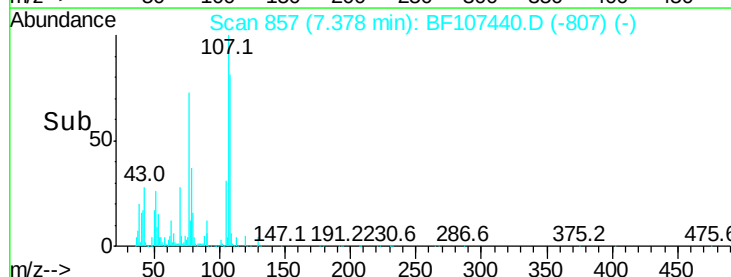
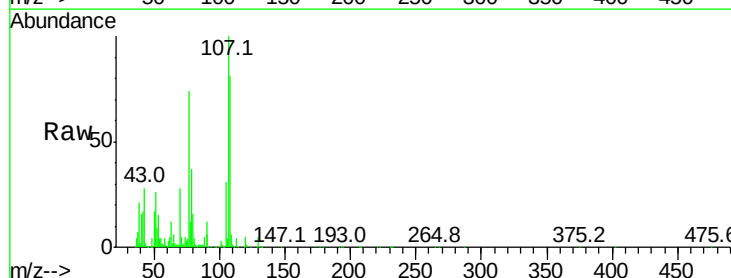
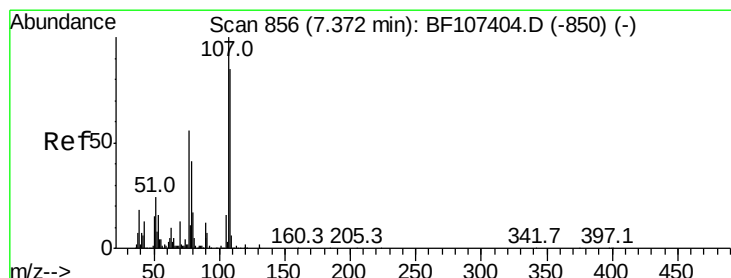
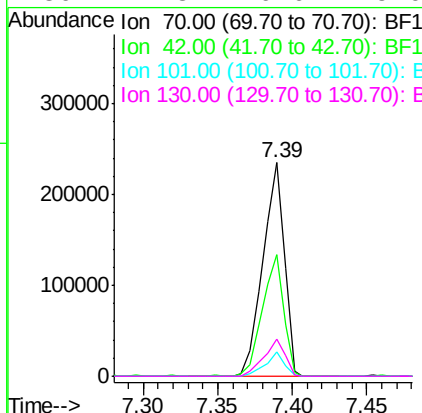
#19
n-Nitroso-di-n-propylamine
Concen: 28.539 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	70	Resp	231348
Ion Ratio	Lower	Upper	
70	100		
42	56.8	47.5	71.3
101	11.5	7.4	11.2#
130	17.3	16.6	25.0

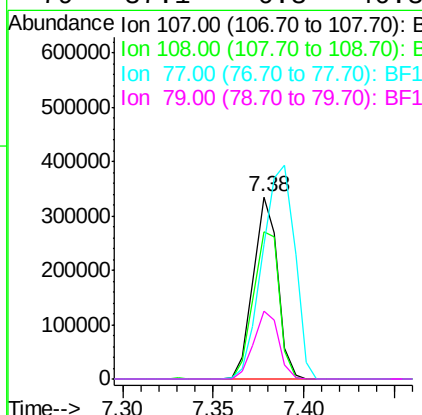
Manual Integrations
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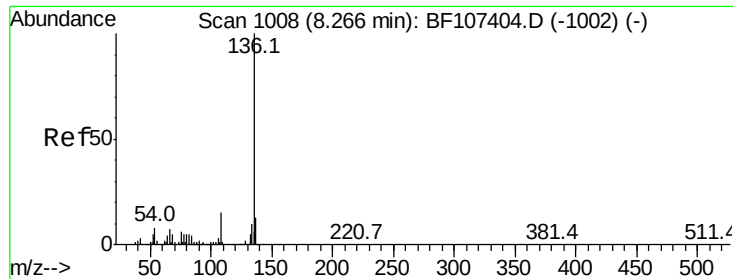
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#20
3+4-Methylphenols
Concen: 29.358 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	107	Resp	314014
Ion Ratio	Lower	Upper	
107	100		
108	81.3	68.2	108.2
77	73.7	26.7	66.7#
79	37.1	6.3	46.3





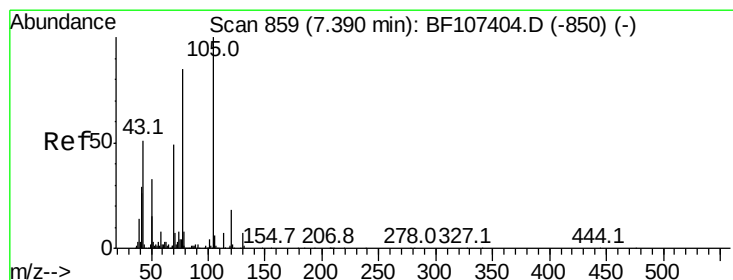
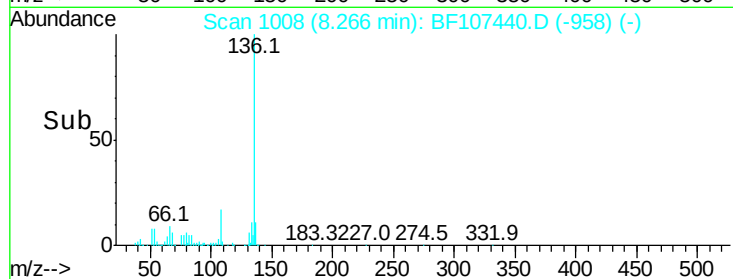
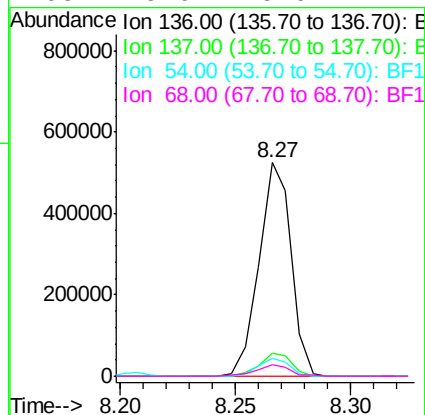
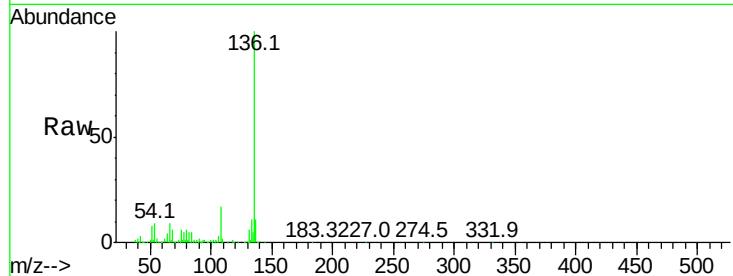
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	5.6	5.0	7.4

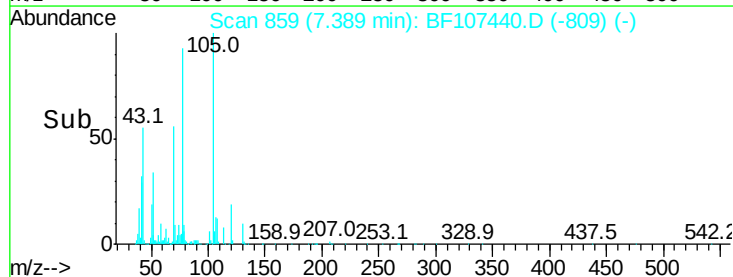
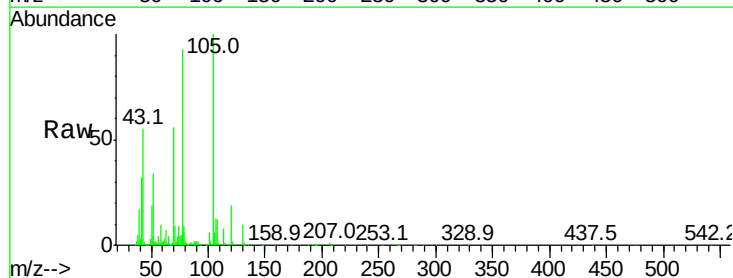
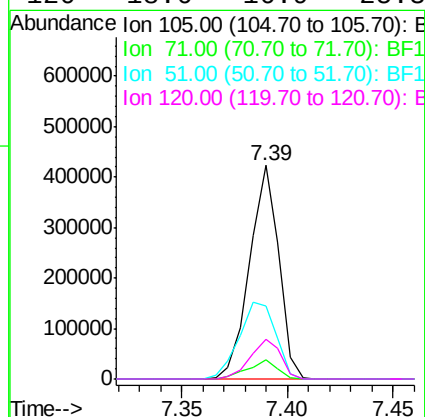
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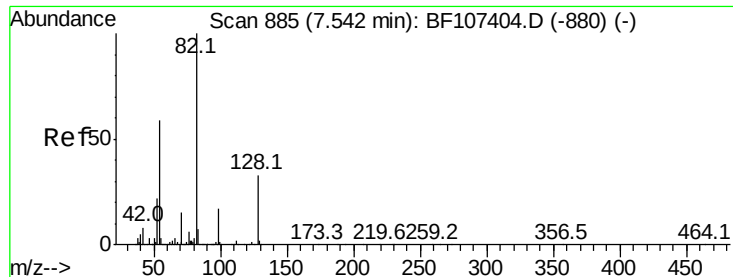
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#22
Acetophenone
Concen: 29.207 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.8	4.4	6.6#
51	34.4	22.3	33.5#
120	18.6	16.9	25.3





#23

Nitrobenzene-d5

Concen: 72.318 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

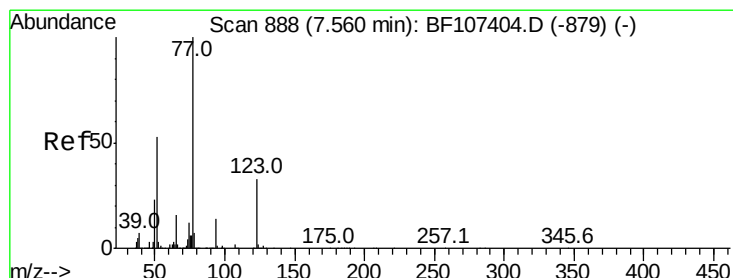
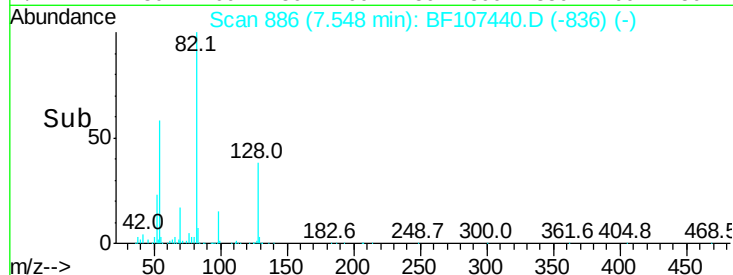
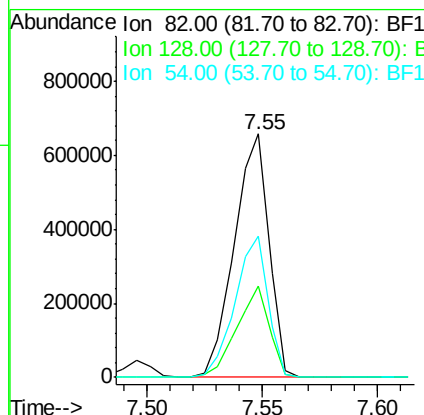
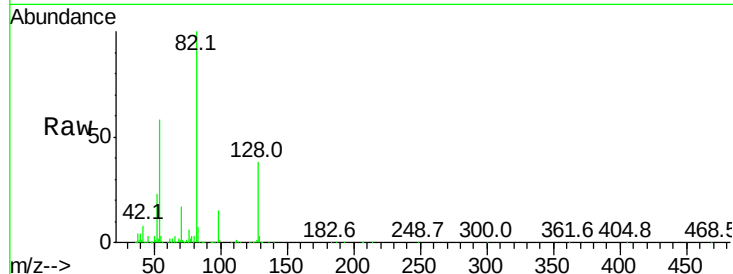
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	82	Resp:	687564
Ion Ratio	Lower	Upper	
82	100		
128	37.7	36.1	54.1
54	58.0	41.4	62.2

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#24

Nitrobenzene

Concen: 33.275 ng

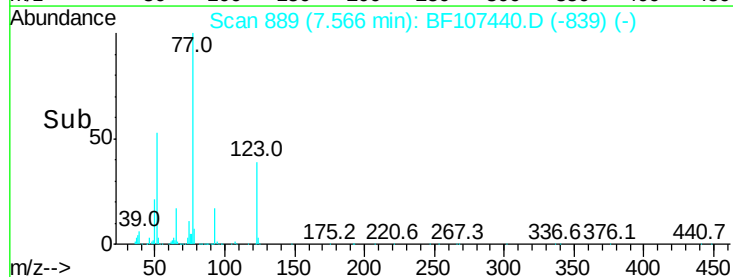
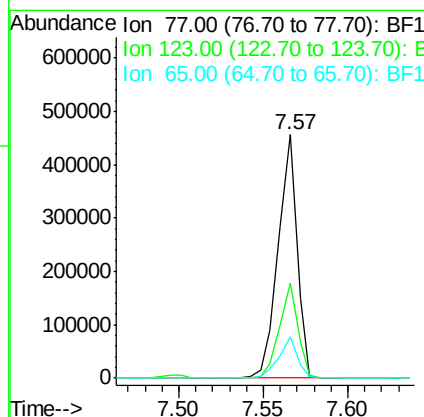
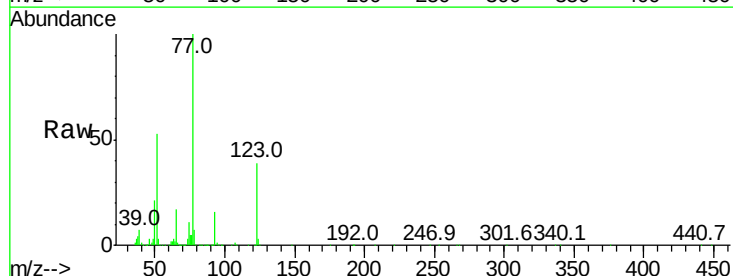
RT: 7.57 min Scan# 889

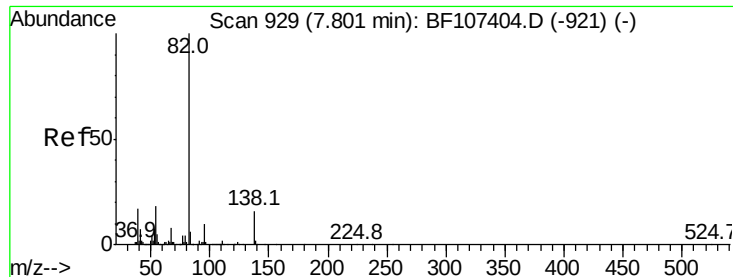
Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	77	Resp:	355527
Ion Ratio	Lower	Upper	
77	100		
123	39.3	37.9	56.9
65	17.1	11.0	16.4#





#25

Isophorone

Concen: 33.065 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

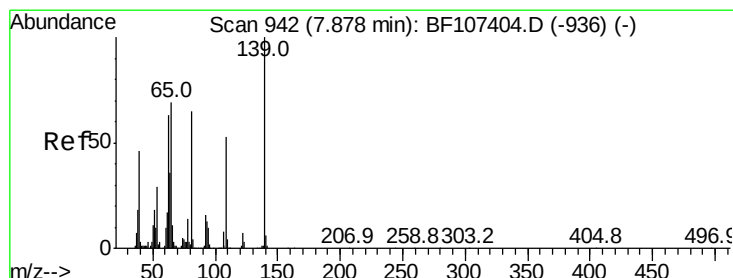
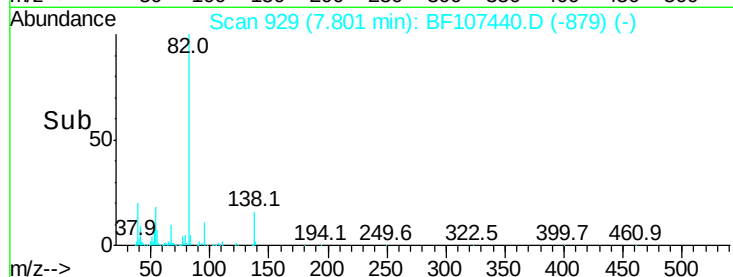
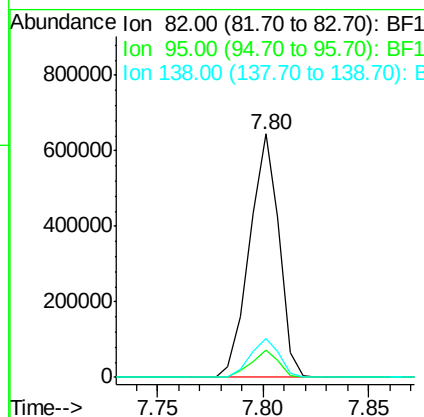
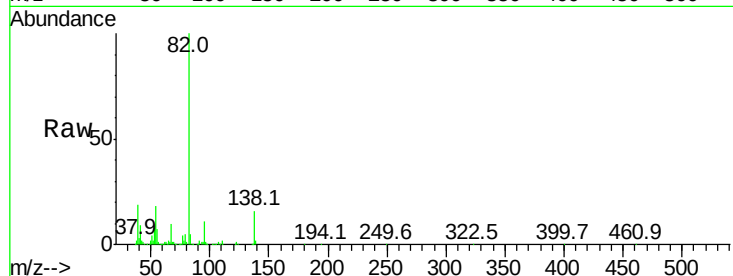
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	82	Resp:	623110
Ion Ratio		Lower	Upper
82	100		
95	11.1	5.2	7.8#
138	16.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.534 ng

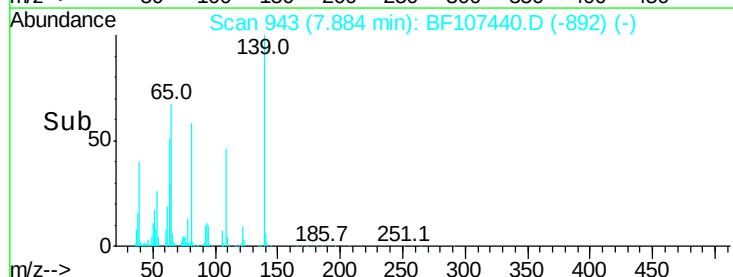
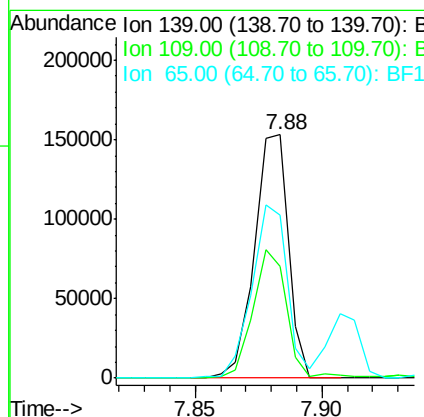
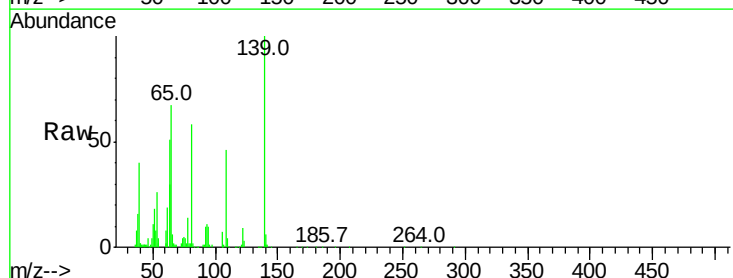
RT: 7.88 min Scan# 943

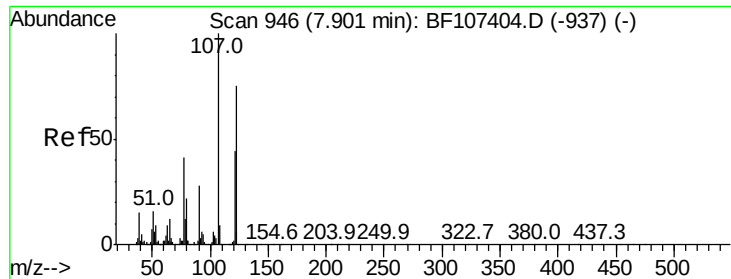
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	139	Resp:	143588
Ion Ratio		Lower	Upper
139	100		
109	45.7	22.7	34.1#
65	67.1	40.5	60.7#





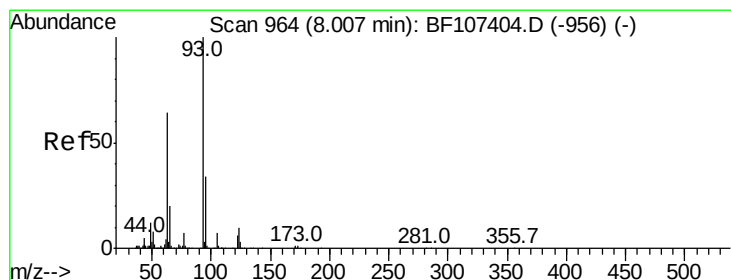
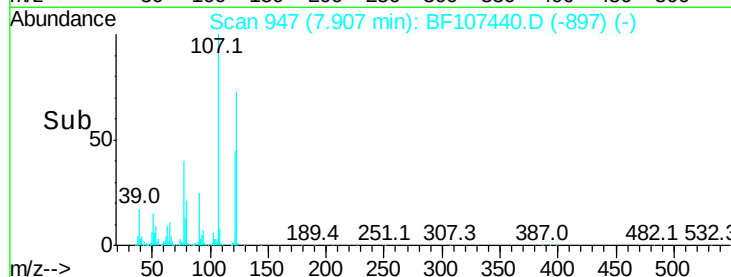
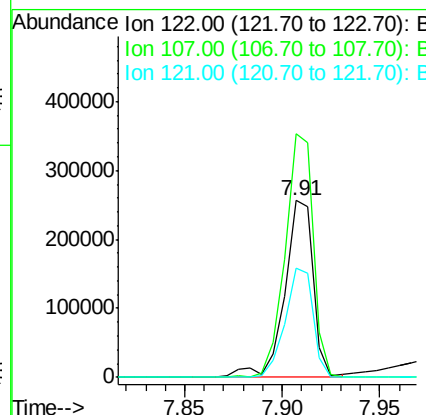
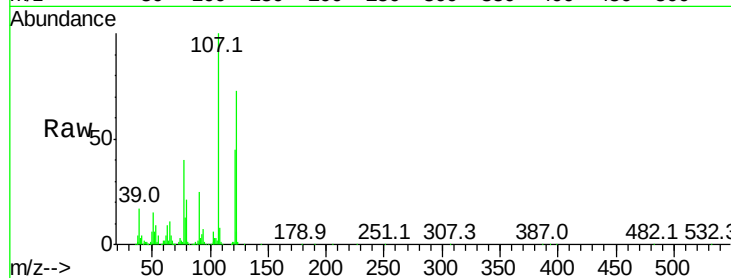
#27
2,4-Dimethylphenol
Concen: 34.736 ng
RT: 7.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.8	91.2	136.8#
121	61.6	47.2	70.8

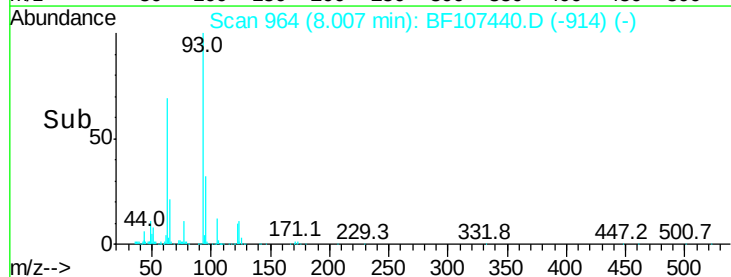
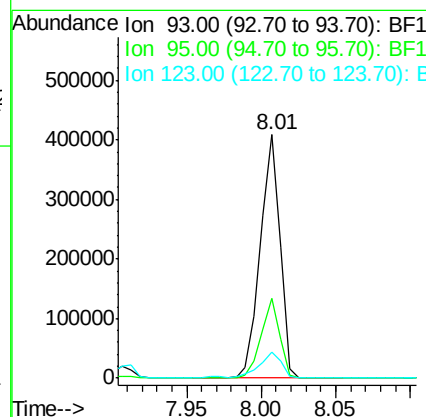
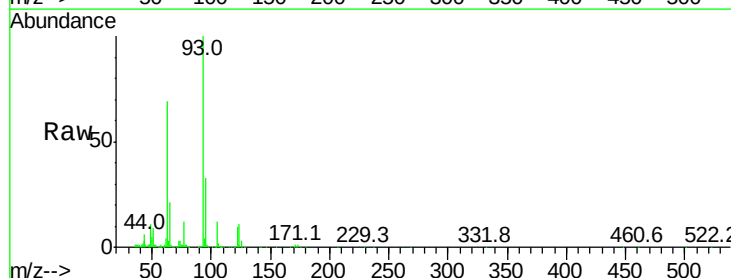
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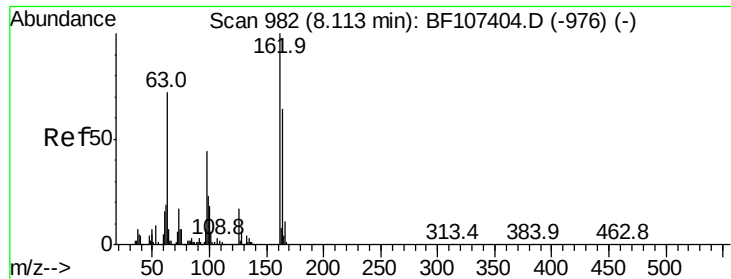
Sohil
7/18/2018 10:43:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 31.274 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	10.8	9.8	14.6





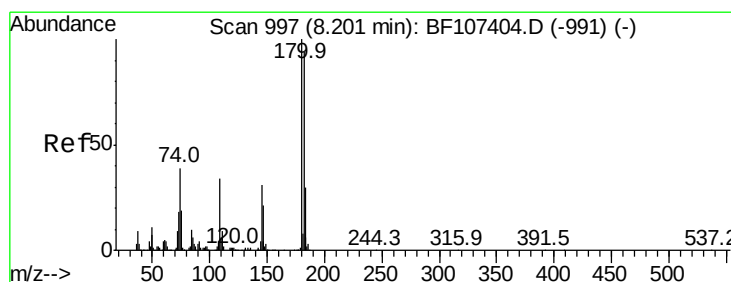
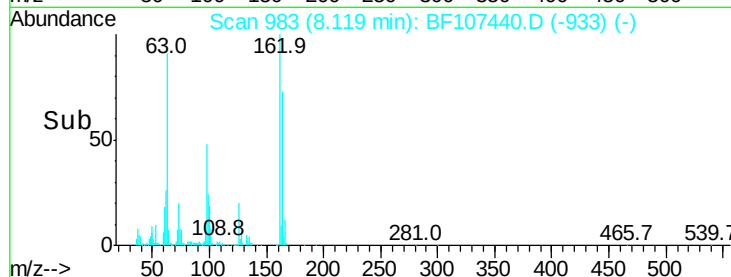
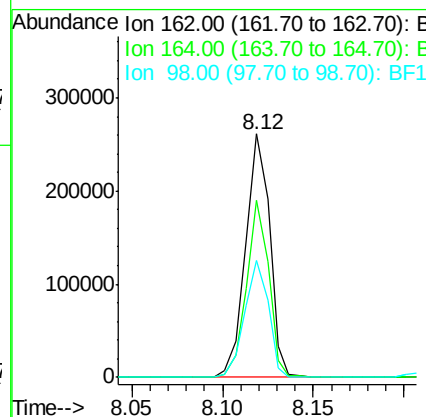
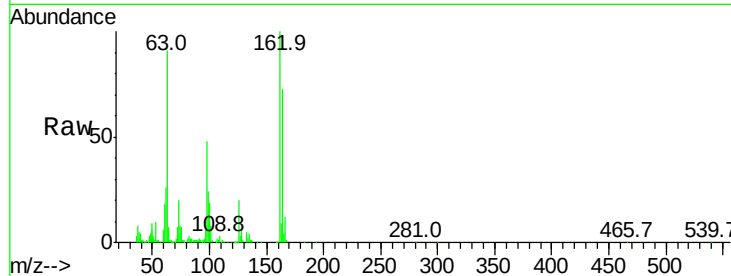
#29
2,4-Dichlorophenol
Concen: 30.705 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	72.6	42.7	82.7
98	48.0	18.1	58.1

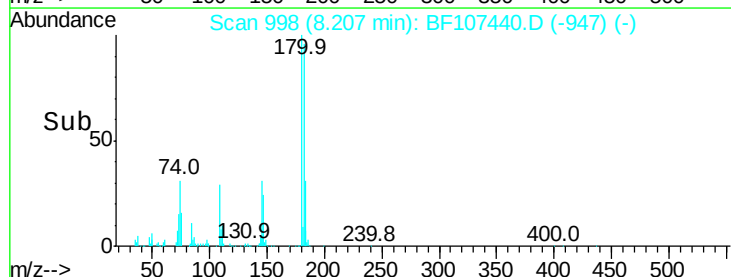
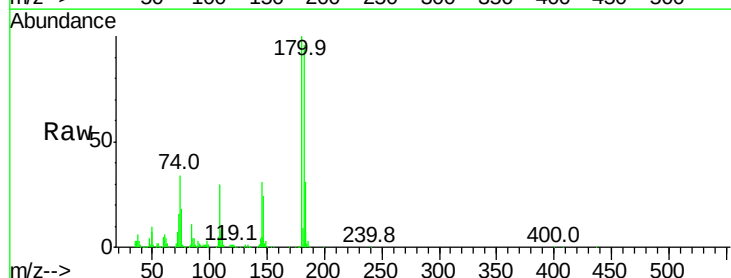
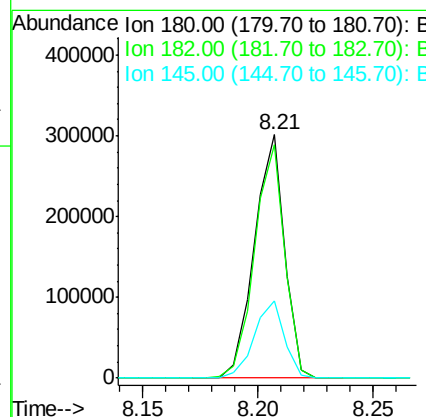
Manual Integrations
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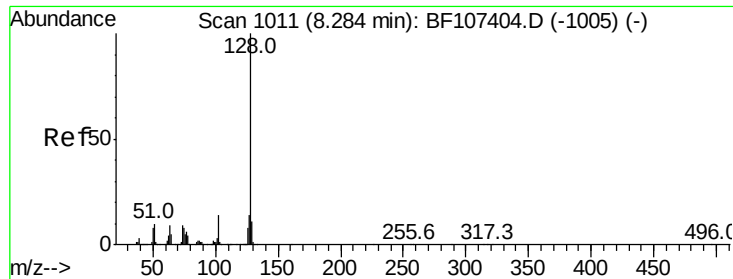
Sohil
7/18/2018 10:43:48 AM



#30
1,2,4-Trichlorobenzene
Concen: 28.841 ng
RT: 8.21 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	31.5	26.5	39.7





#31

Naphthalene

Concen: 32.173 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

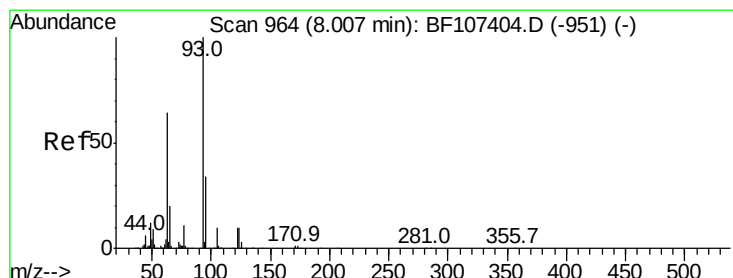
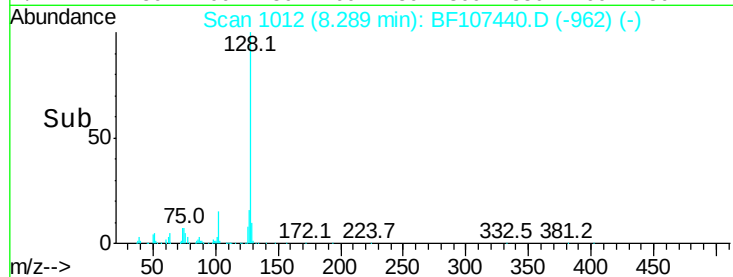
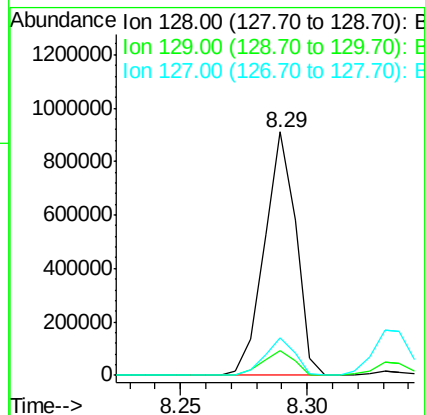
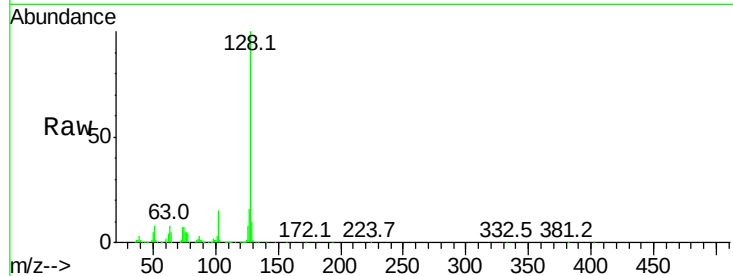
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	128	Resp:	792281
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.8	13.2
127	15.5	10.9	16.3

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#32

Benzoic acid

Concen: 23.753 ng

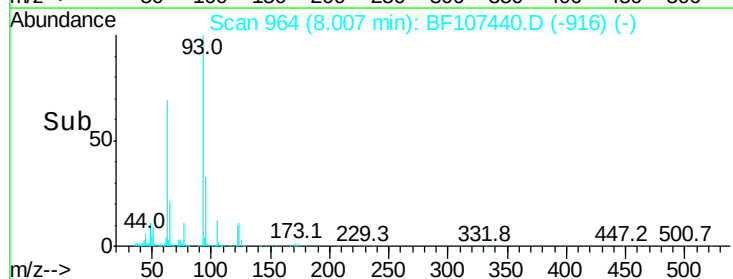
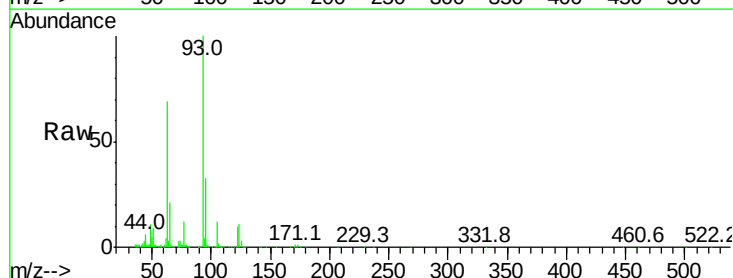
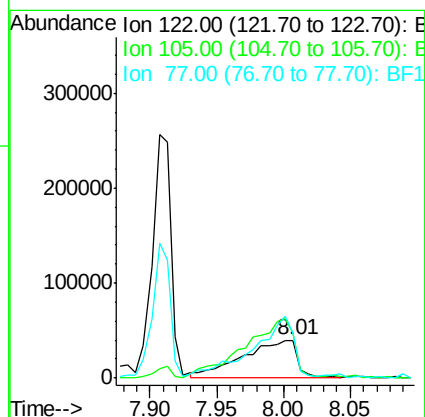
RT: 8.01 min Scan# 964

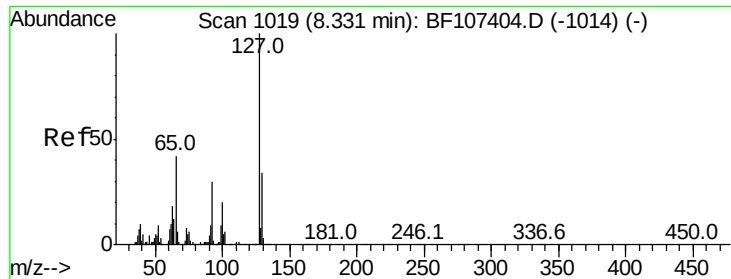
Delta R.T. -0.02 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	122	Resp:	110410
Ion Ratio	Lower	Upper	
122	100		
105	118.8	101.1	141.1
77	119.9	70.7	110.7#





#33

4-Chloroaniline

Concen: 17.173 ng

RT: 8.33 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

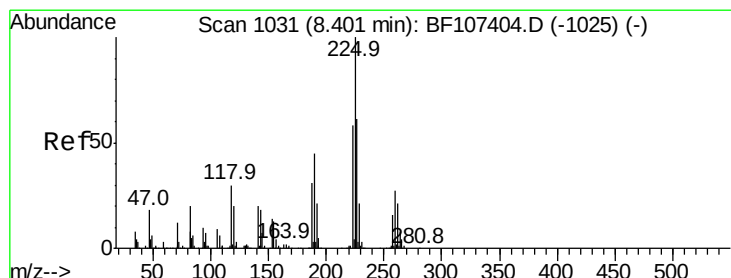
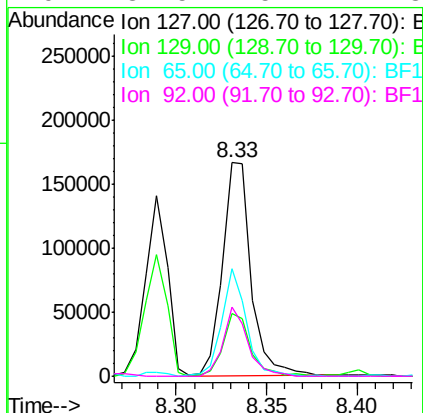
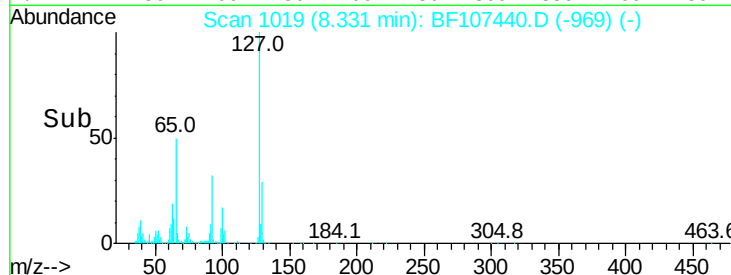
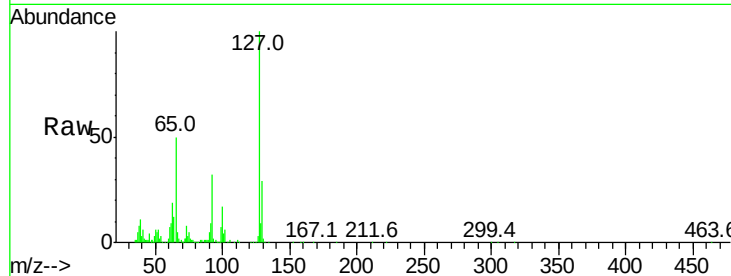
ClientSampleId :

FK-PS-01-033MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	29.5	25.9	38.9
65	50.1	25.0	37.4
92	32.5	15.2	22.8

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#34

Hexachlorobutadiene

Concen: 28.309 ng

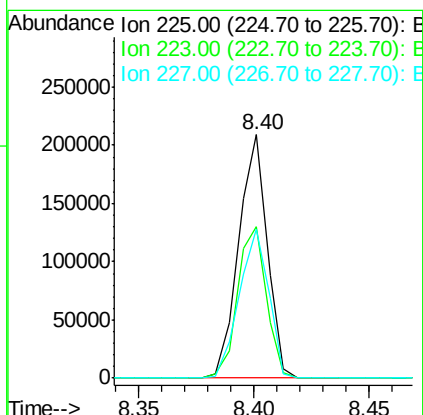
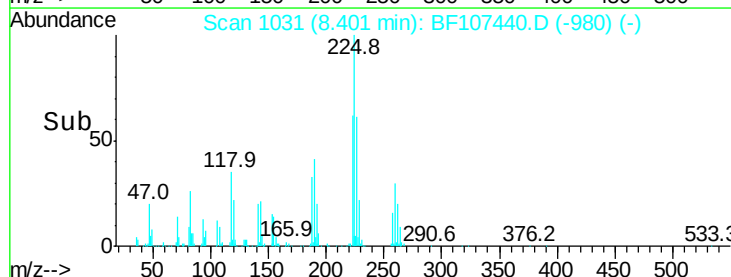
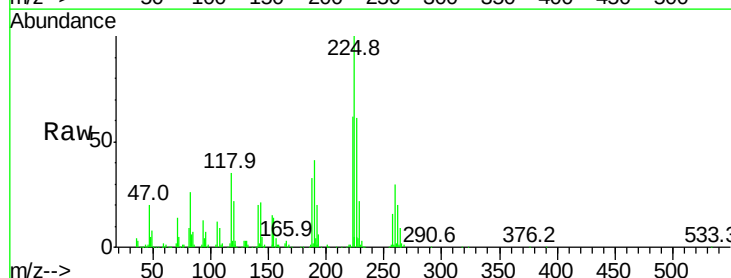
RT: 8.40 min Scan# 1031

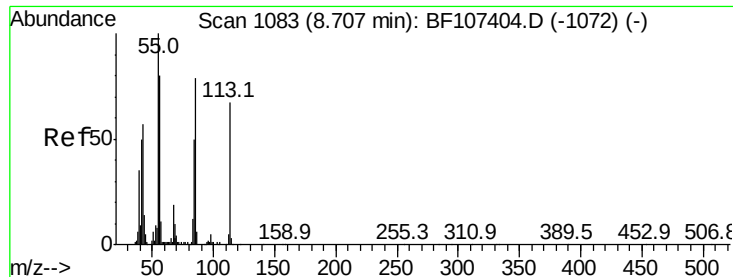
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.2	50.6	76.0
227	61.0	51.9	77.9





#35

Caprolactam

Concen: 31.931 ng/mL

RT: 8.70 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

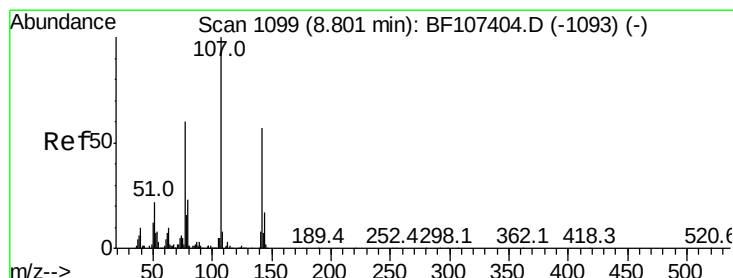
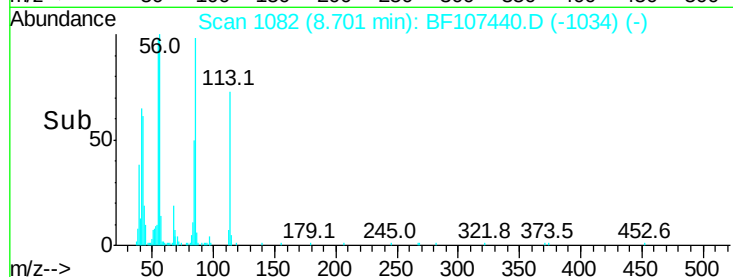
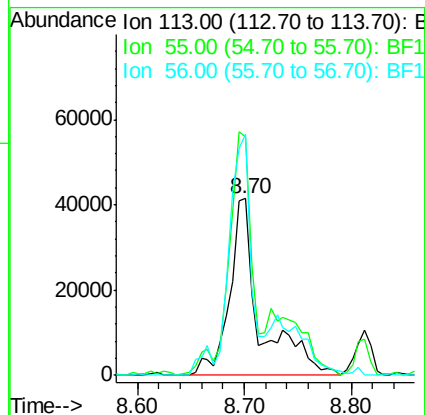
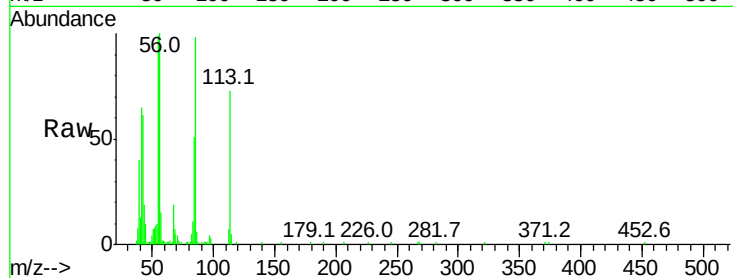
FK-PS-01-033MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.7	163.3	203.3#
56	136.5	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 31.530 ng/mL

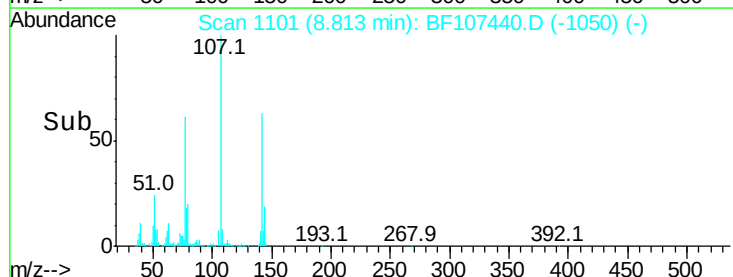
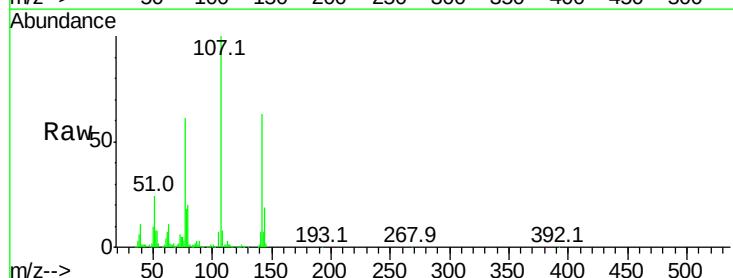
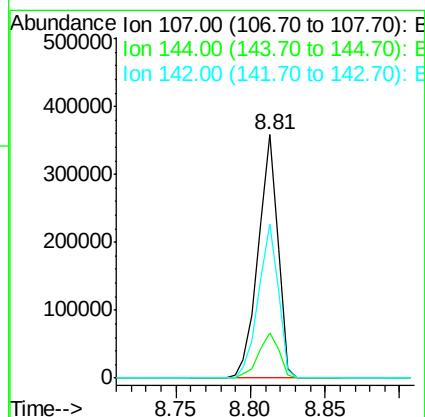
RT: 8.81 min Scan# 1101

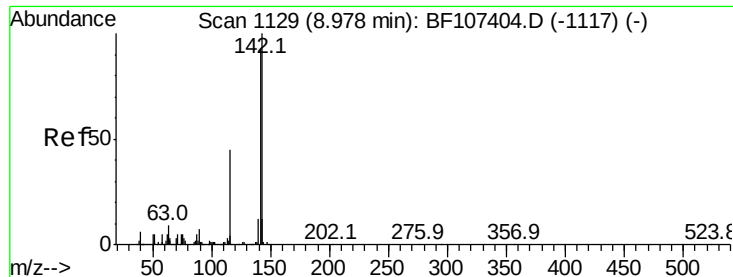
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.7	20.5	30.7#
142	63.2	62.0	93.0





#37

2-Methylnaphthalene

Concen: 32.449 ng

RT: 8.98 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

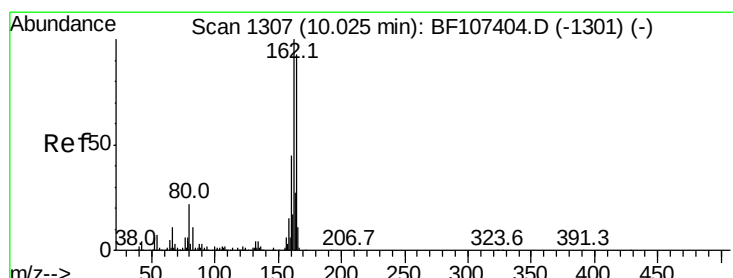
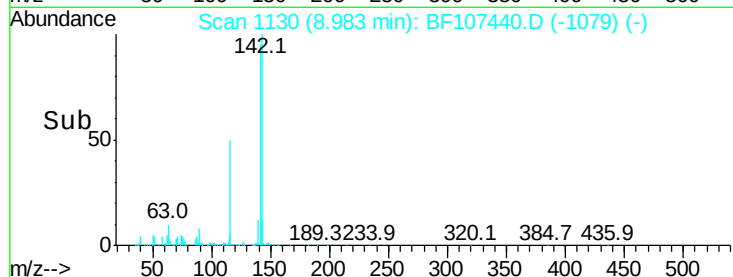
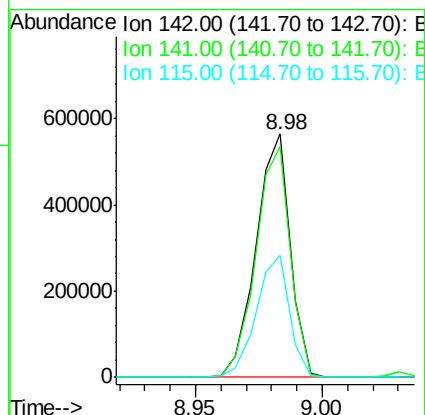
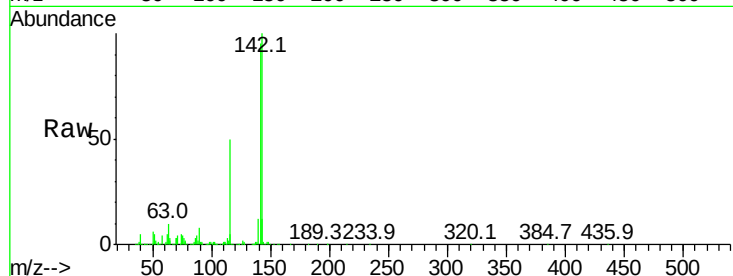
ClientSampleId :

FK-PS-01-033MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.8	70.8	106.2
115	50.2	26.1	39.1#

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#38

Acenaphthene-d10

Concen: 20.000 ng

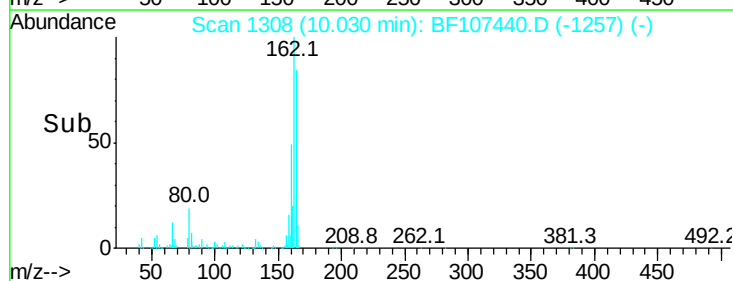
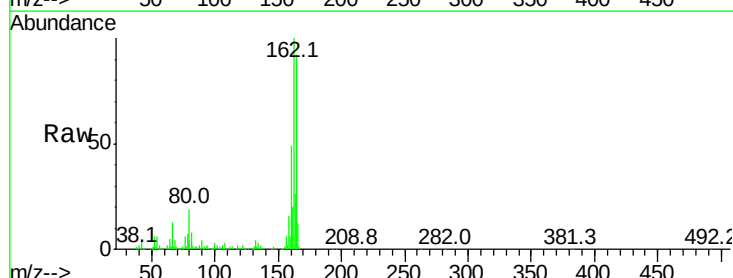
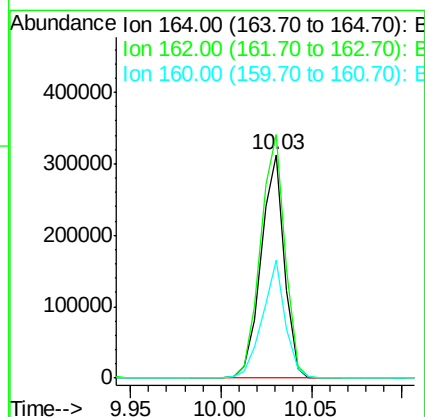
RT: 10.03 min Scan# 1308

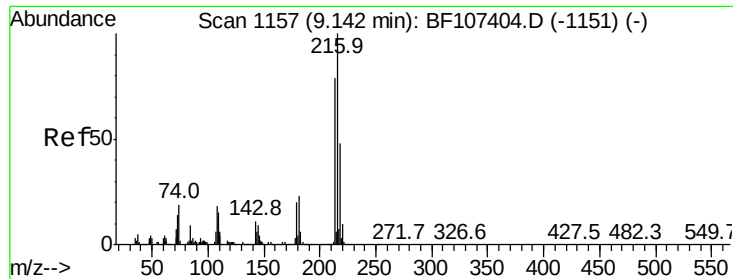
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.0	86.1	129.1
160	53.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.506 ng

RT: 9.15 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

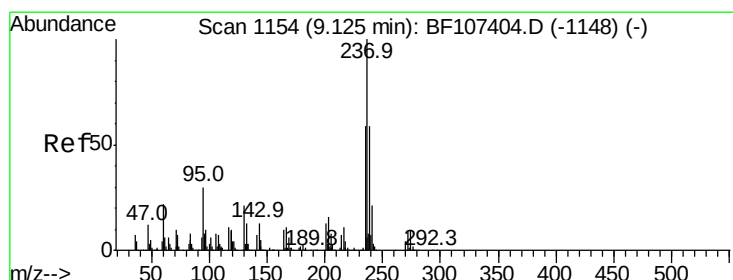
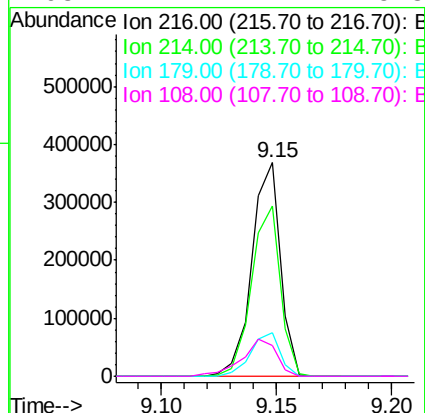
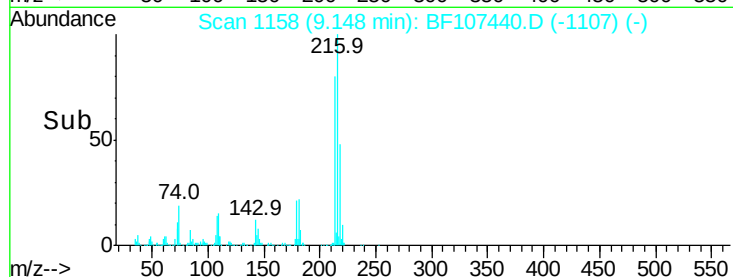
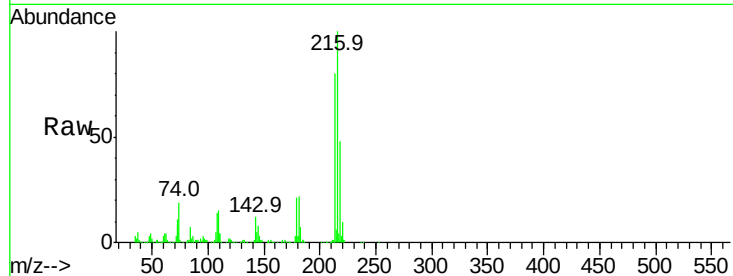
ClientSampleId :

FK-PS-01-033MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.6	63.0	94.4
179	21.0	18.1	27.1
108	21.2	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 53.755 ng

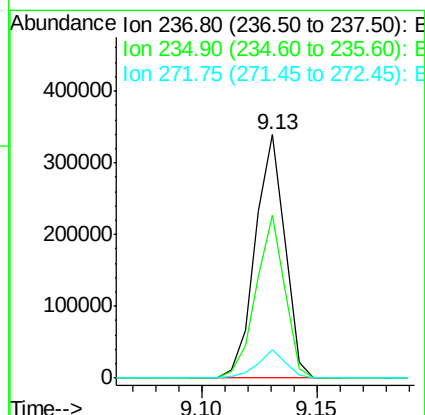
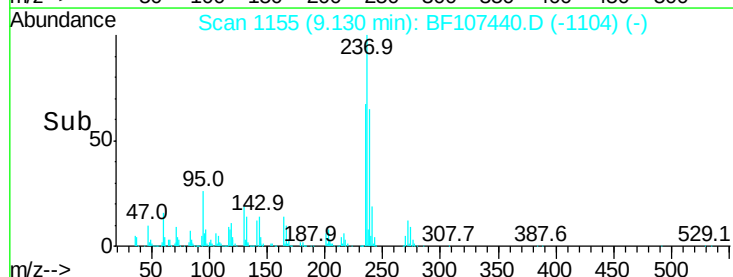
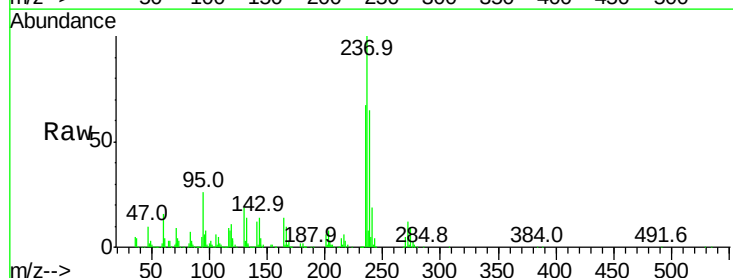
RT: 9.13 min Scan# 1155

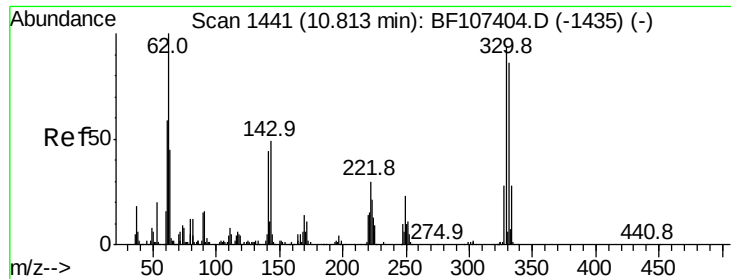
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	67.0	44.8	84.8
272	11.8	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 92.240 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tot Ion:330 Resp: 225582

Ion Ratio Lower Upper

330 100

332 93.4 77.0 115.6

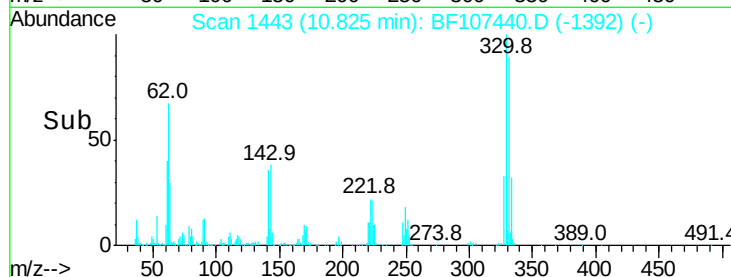
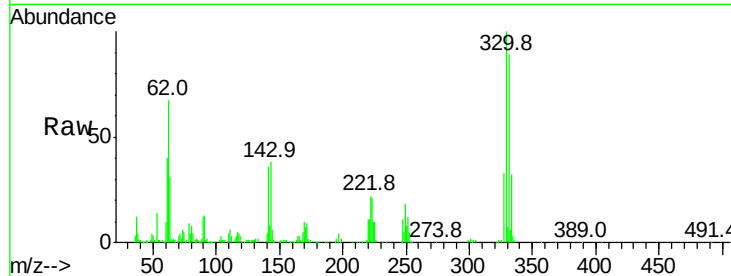
141 46.7 29.9 44.9#

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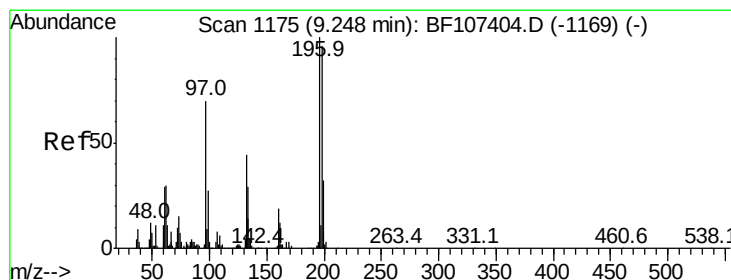
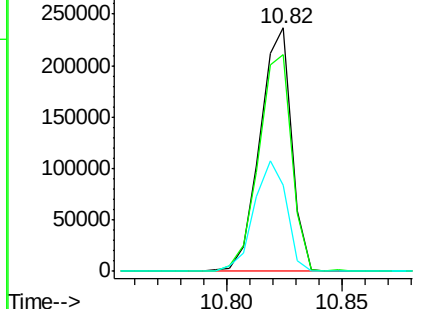
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 30.601 ng

RT: 9.26 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

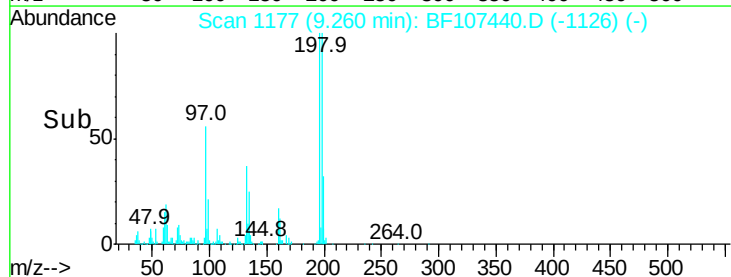
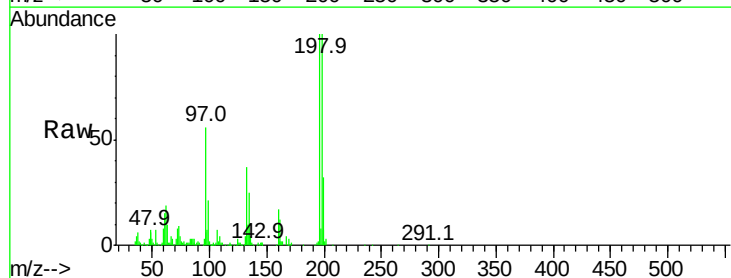
Tgt Ion:196 Resp: 206908

Ion Ratio Lower Upper

196 100

198 99.8 75.7 113.5

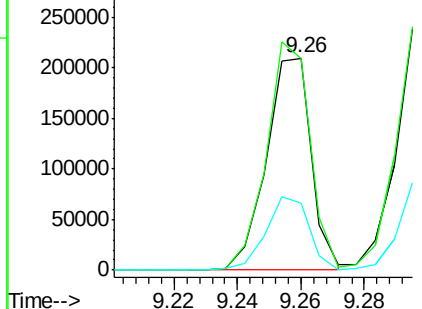
200 31.5 24.5 36.7

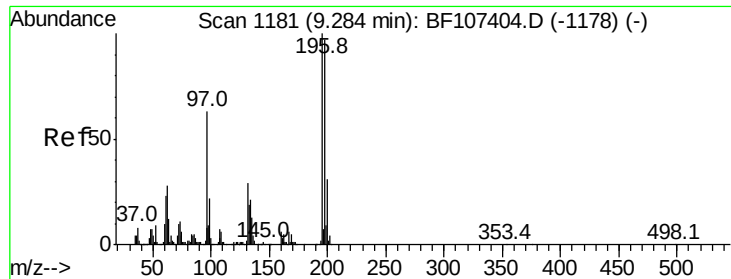


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





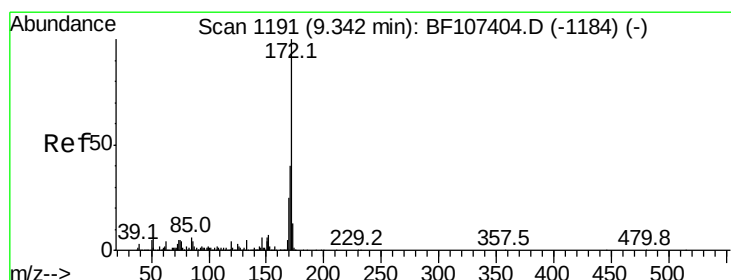
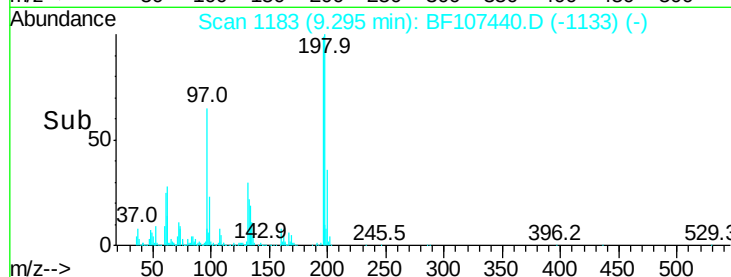
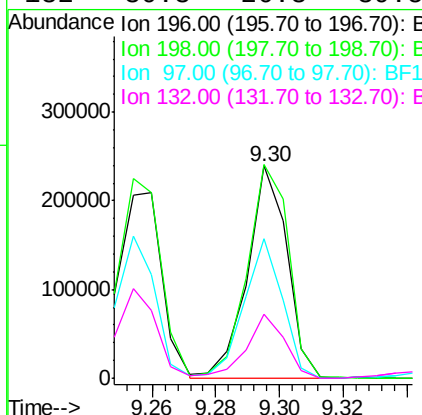
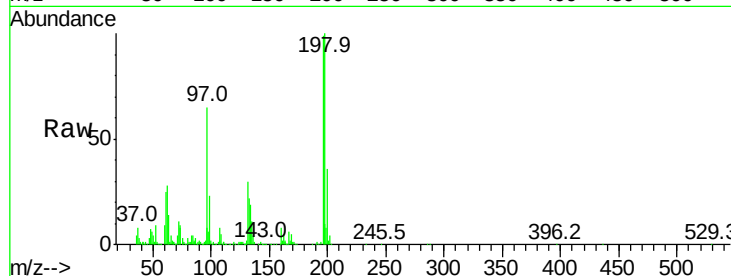
#43
2,4,5-Trichlorophenol
Concen: 32.253 ng m
RT: 9.30 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	196	Resp	208621
Ion Ratio	Lower	Upper	
196	100		
198	100.8	74.6	112.0
97	65.8	42.9	64.3#
132	30.3	26.3	39.5

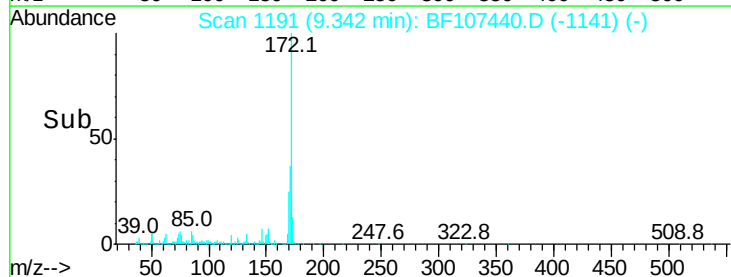
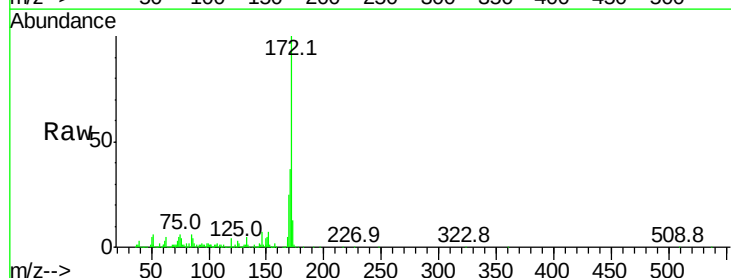
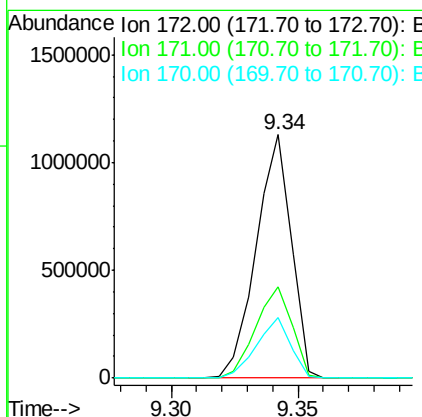
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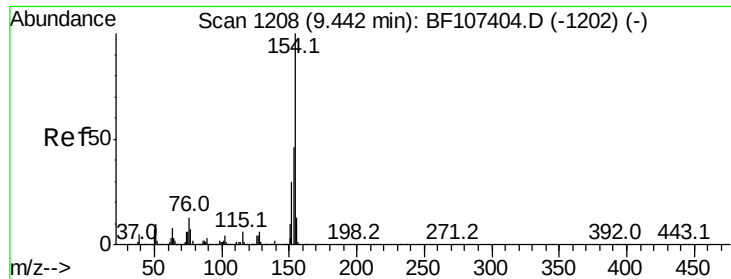
Sohil
7/18/2018 10:43:48 AM



#44
2-Fluorobiphenyl
Concen: 62.112 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	172	Resp	1085619
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.7	44.5
170	24.9	19.6	29.4





#45

1,1'-Biphenyl

Concen: 28.668 ng

RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

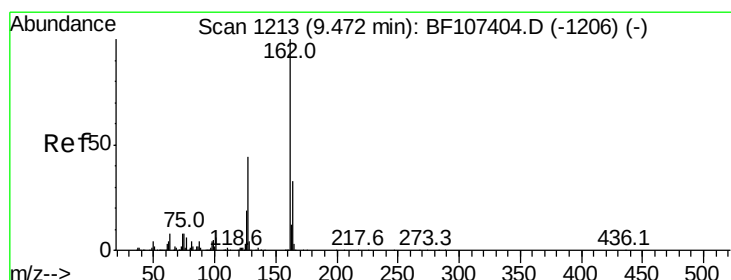
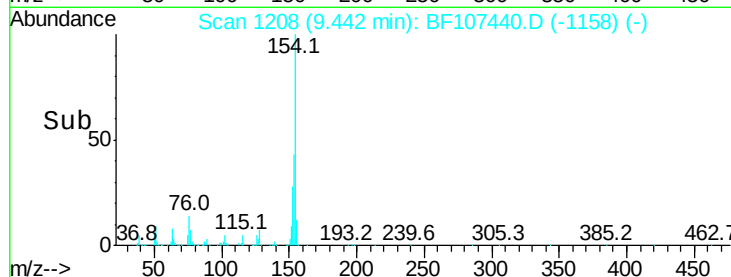
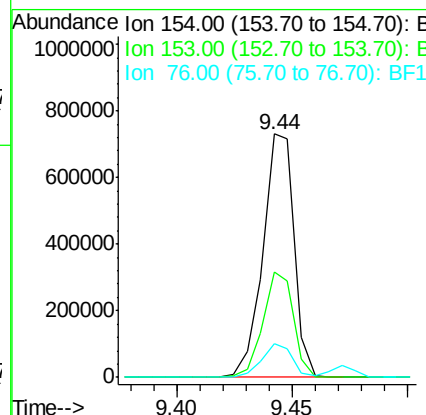
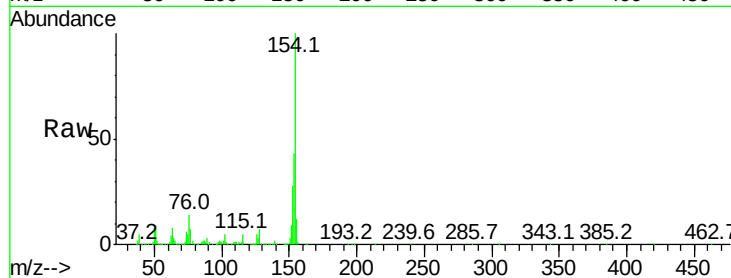
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	154	Resp:	689917
Ion Ratio	Lower	Upper	
154	100		
153	43.1	21.3	61.3
76	13.9	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 28.657 ng

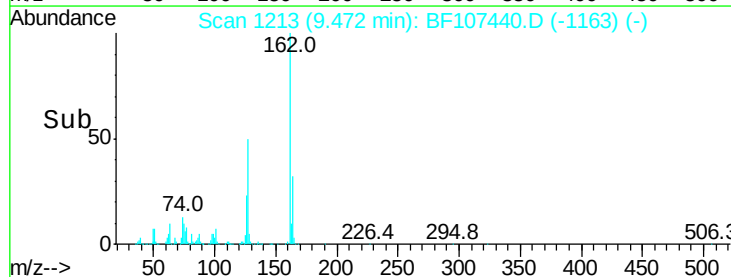
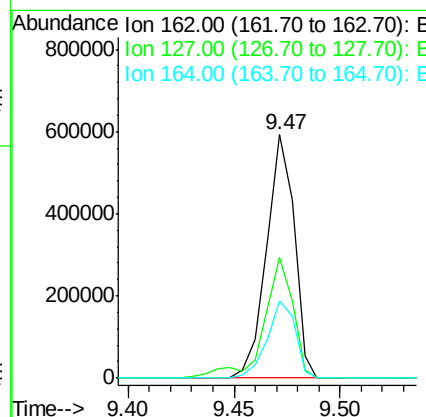
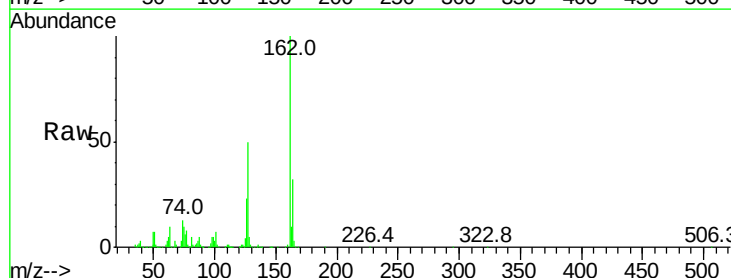
RT: 9.47 min Scan# 1213

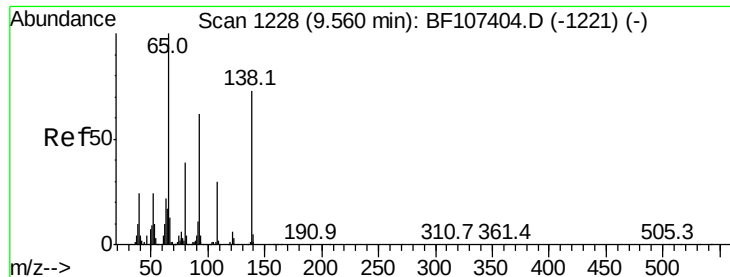
Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	162	Resp:	544703
Ion Ratio	Lower	Upper	
162	100		
127	49.8	33.9	50.9
164	31.6	26.5	39.7





#47

2-Nitroaniline

Concen: 38.948 ng

RT: 9.57 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

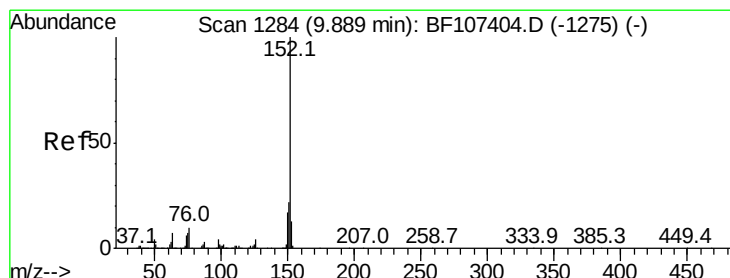
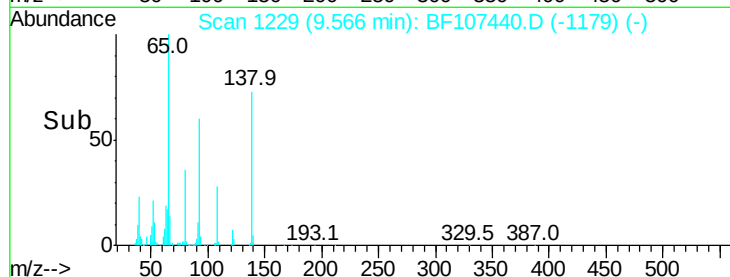
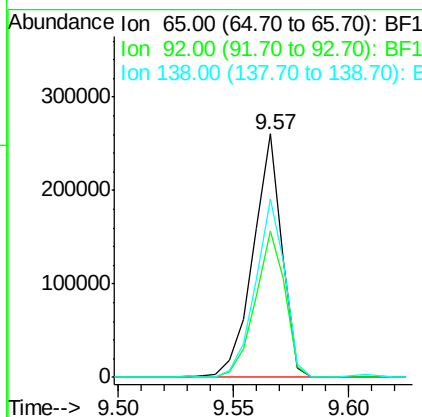
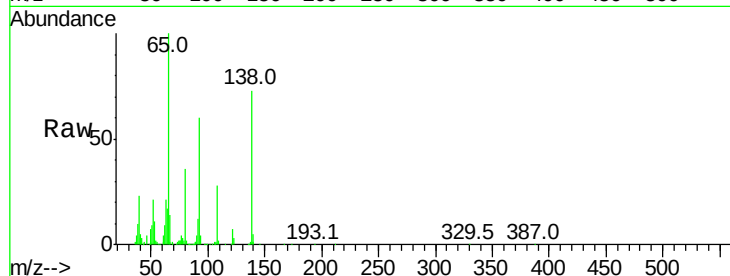
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	65	Resp:	22654
Ion Ratio	Lower	Upper	
65	100		
92	59.9	55.8	83.6
138	73.0	91.2	136.8#

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#48

Acenaphthylene

Concen: 30.849 ng

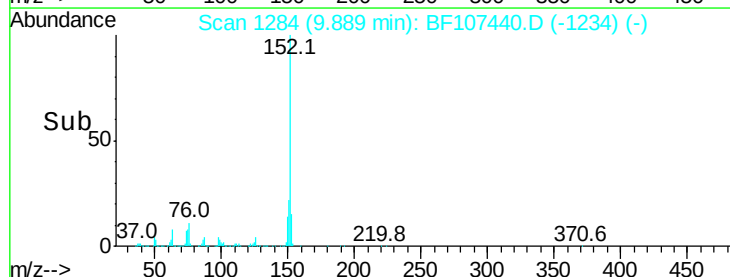
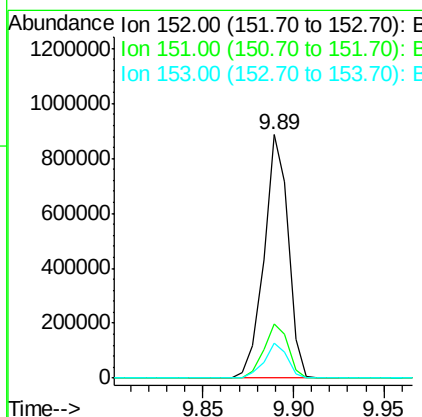
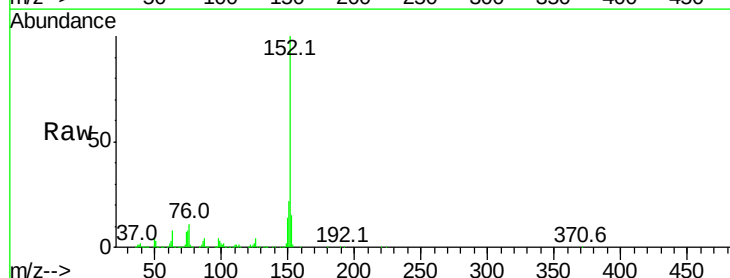
RT: 9.89 min Scan# 1284

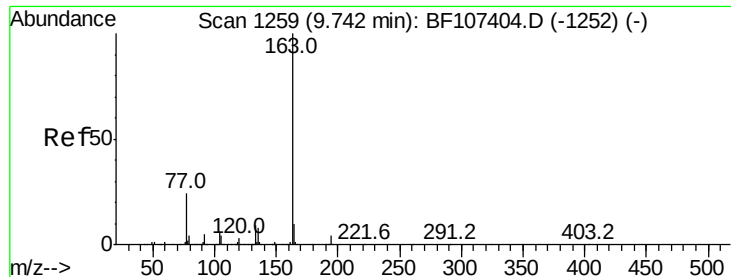
Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	152	Resp:	818293
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.3	24.5
153	14.6	10.7	16.1





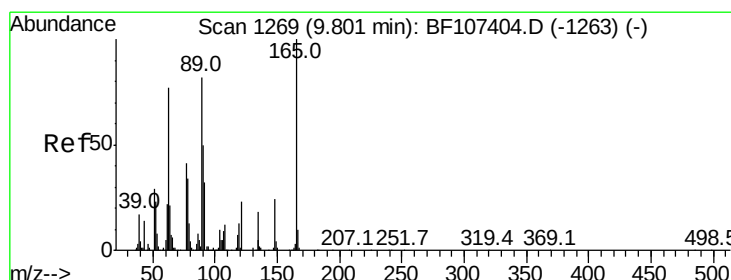
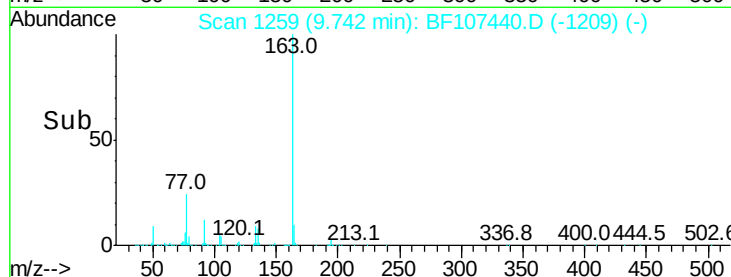
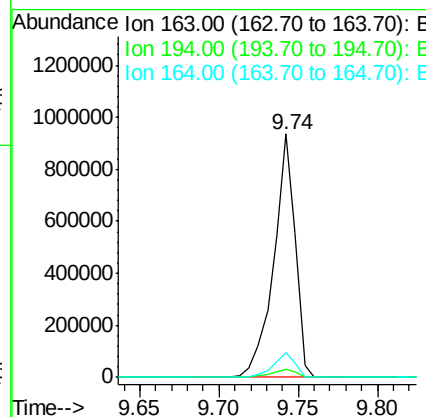
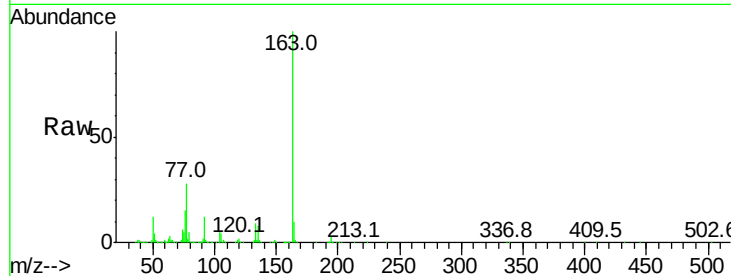
#49
Dimethylphthalate
Concen: 40.085 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	10.4	8.2	12.2	

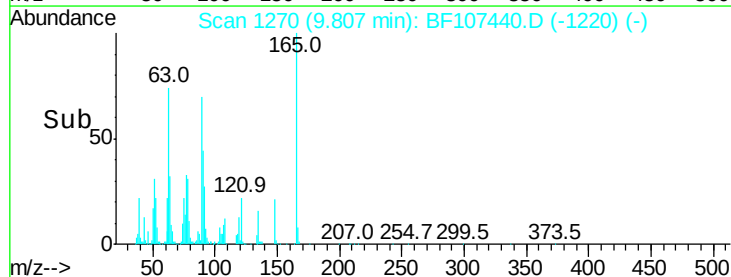
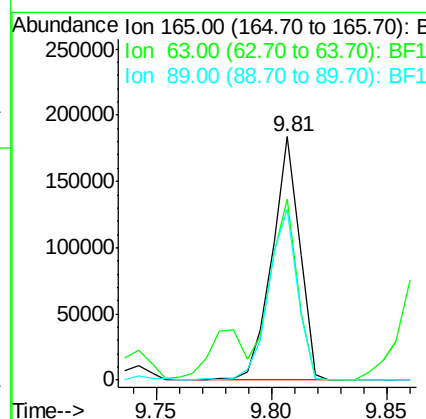
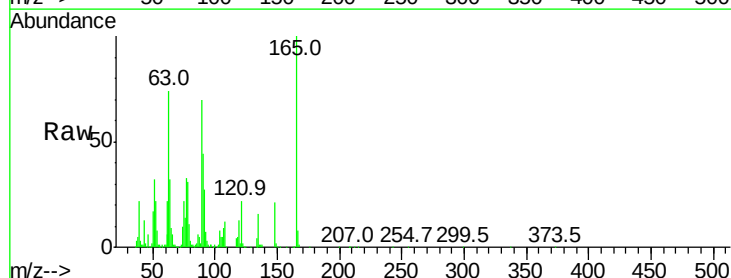
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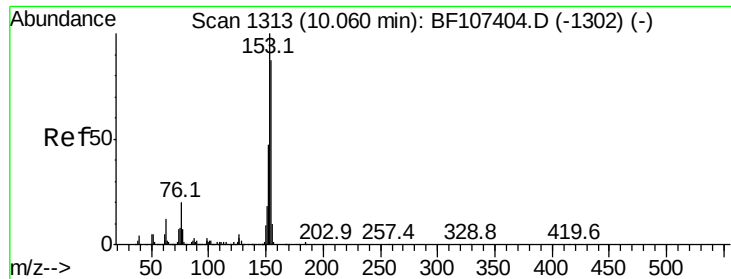
Sohil
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#50
2,6-Dinitrotoluene
Concen: 36.251 ng
RT: 9.81 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.2	44.7	67.1#	
89	70.3	44.0	66.0#	





#51

Acenaphthene

Concen: 35.214 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

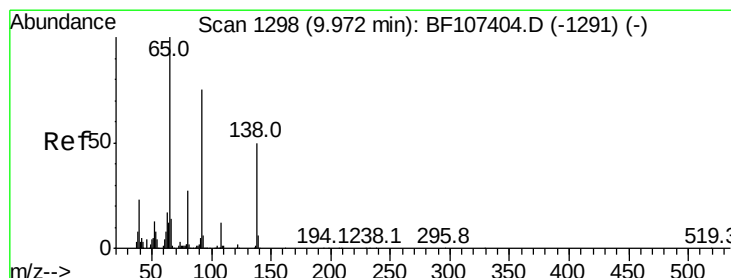
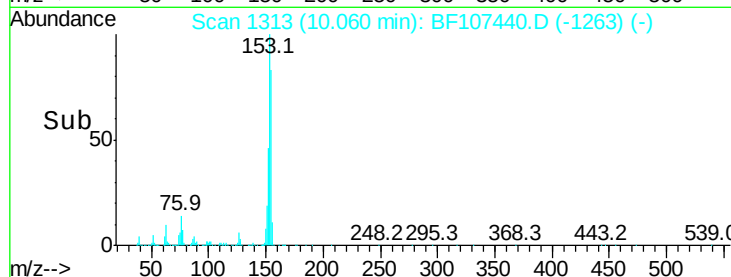
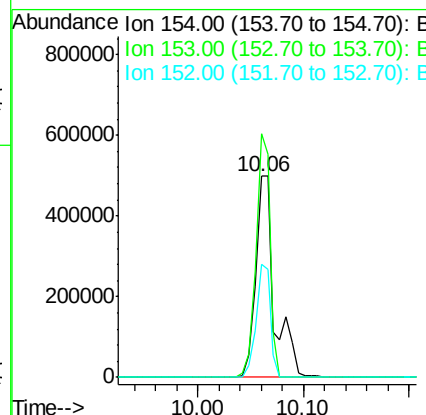
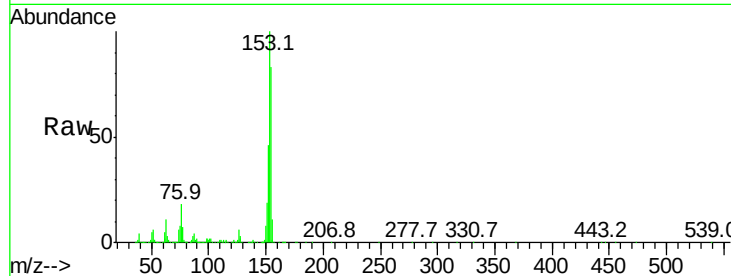
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	154	Resp:	619221
Ion Ratio	Lower	Upper	
154	100		
153	121.2	91.2	136.8
152	56.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 24.563 ng

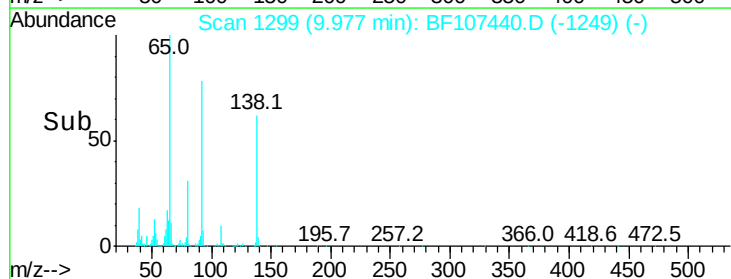
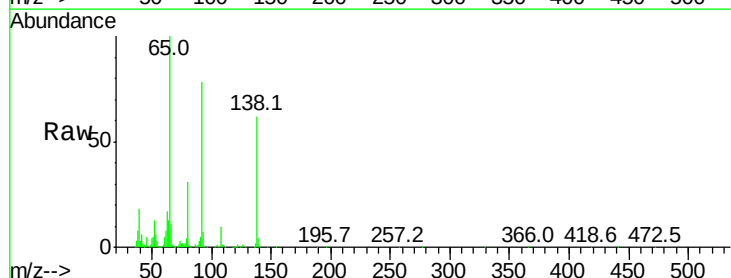
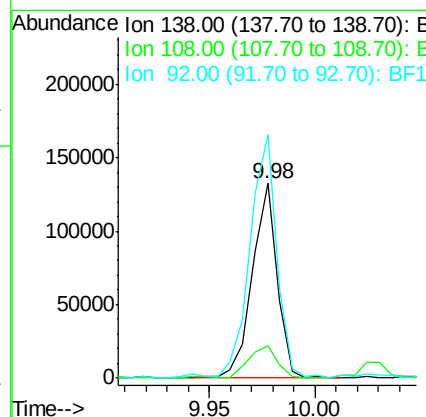
RT: 9.98 min Scan# 1299

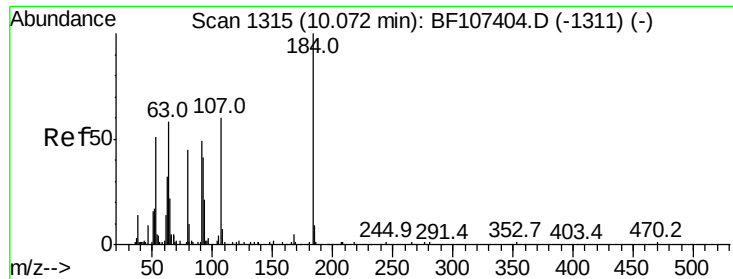
Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	138	Resp:	108880
Ion Ratio	Lower	Upper	
138	100		
108	16.8	9.4	14.0#
92	125.1	89.4	134.2





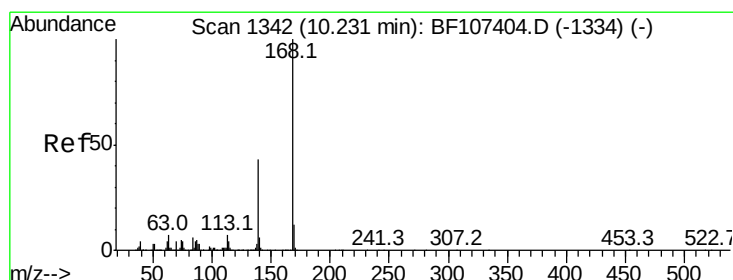
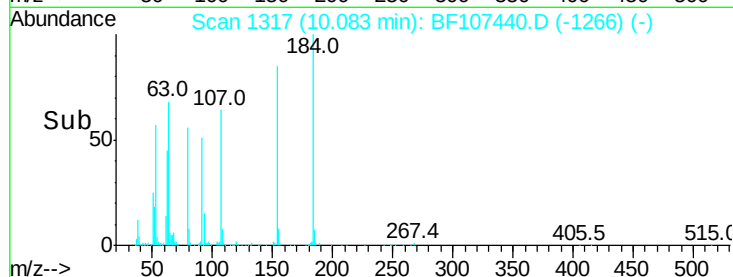
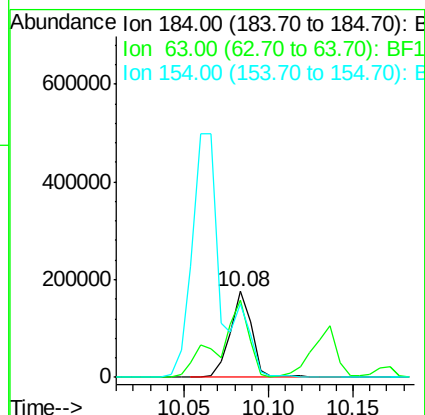
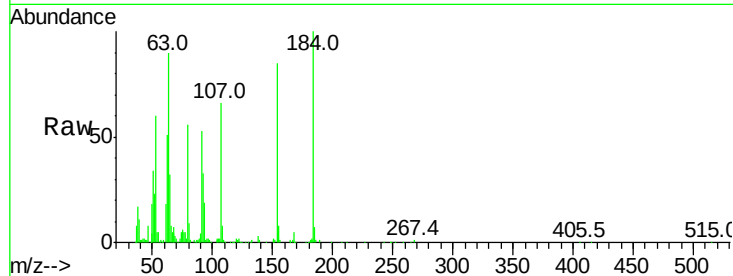
#53
2,4-Dinitrophenol
Concen: 77.284 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	90.0	54.2	81.2#
154	85.2	184.0	276.0#

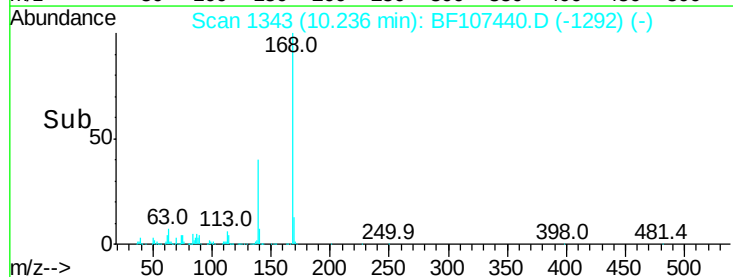
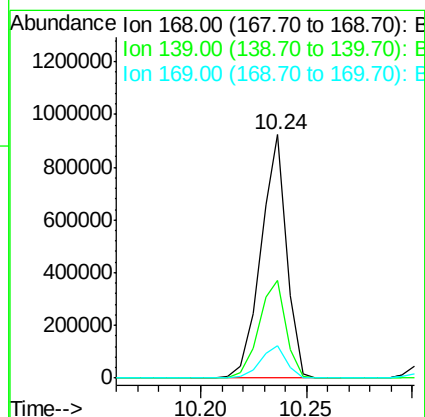
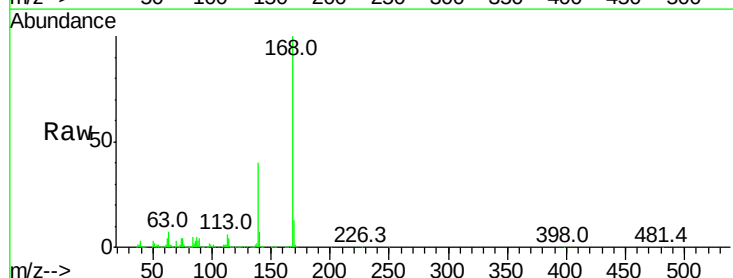
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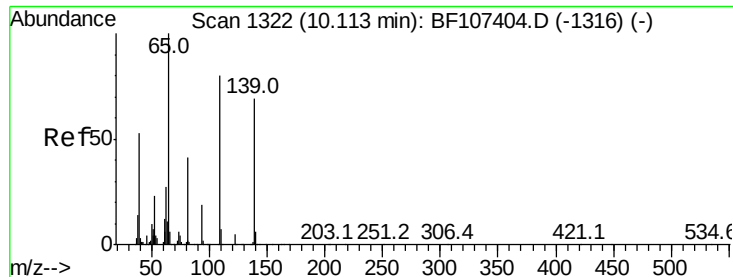
Sohil
7/18/2018 10:43:48 AM



#54
Dibenzofuran
Concen: 28.608 ng
RT: 10.24 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.1	45.1
169	13.3	10.9	16.3





#55

4-Nitrophenol

Concen: 65.016 ng

RT: 10.14 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

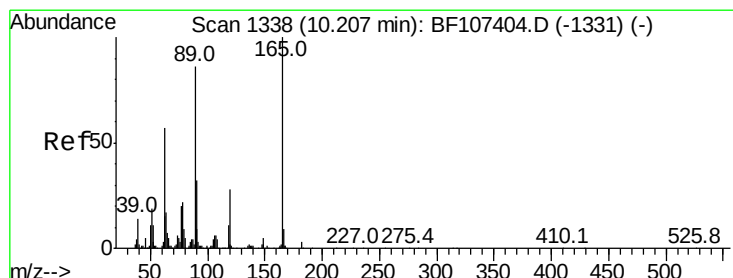
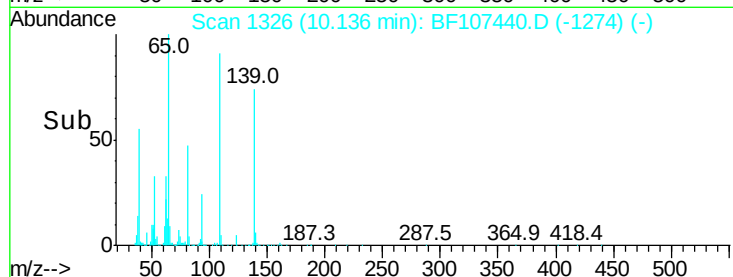
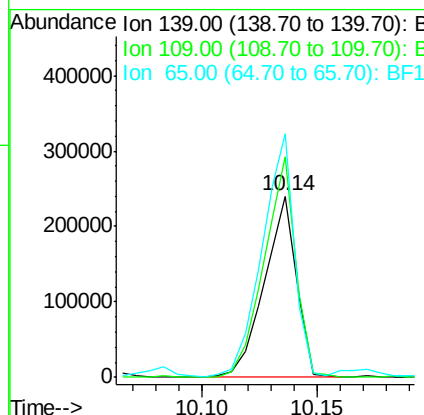
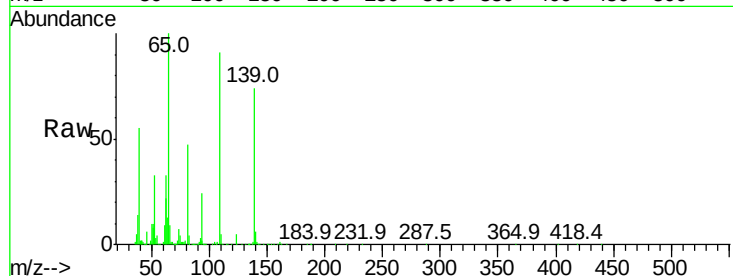
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	139	Resp:	233201
Ion Ratio	Lower	Upper	
139	100		
109	122.1	48.4	88.4#
65	134.4	72.6	112.6#

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#56

2,4-Dinitrotoluene

Concen: 38.199 ng

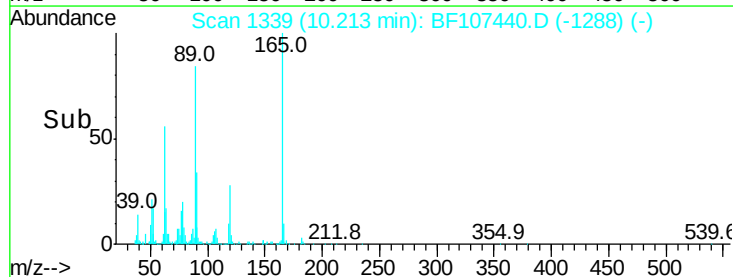
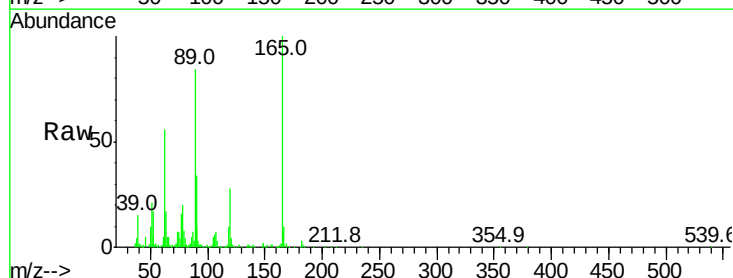
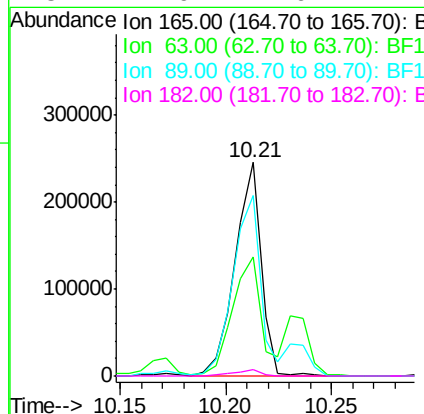
RT: 10.21 min Scan# 1339

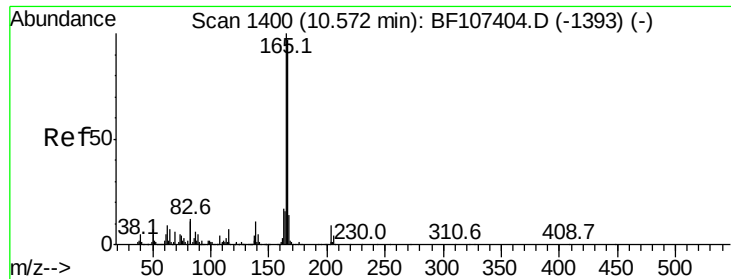
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	165	Resp:	210123
Ion Ratio	Lower	Upper	
165	100		
63	55.8	36.4	54.6#
89	84.4	57.8	86.6
182	2.9	1.6	2.4#





#57

Fluorene

Concen: 31.833 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tot Ion:166 Resp: 572899

Ion Ratio Lower Upper

166 100

165 102.3 79.8 119.8

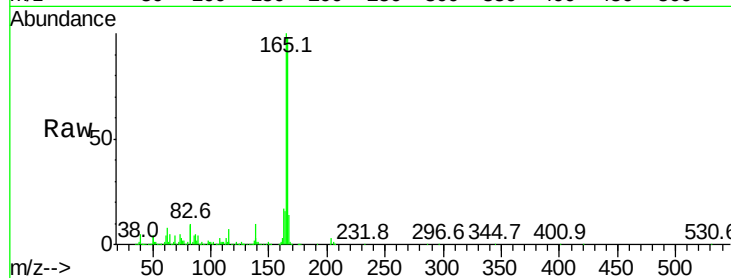
167 14.1 10.6 16.0

Manual Integrations

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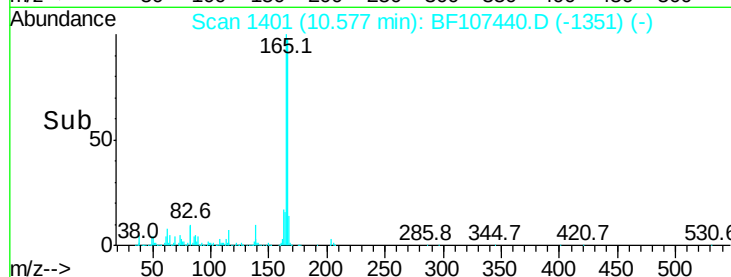
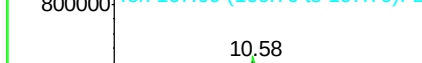
7/18/2018 10:43:48 AM



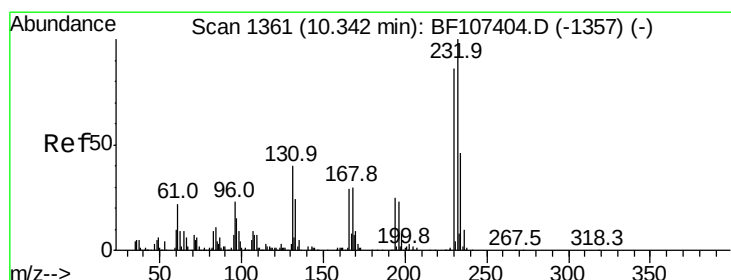
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.926 ng

RT: 10.35 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:232 Resp: 200033

Ion Ratio Lower Upper

232 100

131 41.2 43.8 65.8#

130 3.3 2.1 3.1#

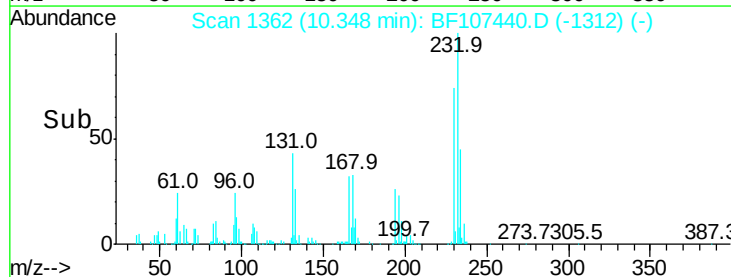
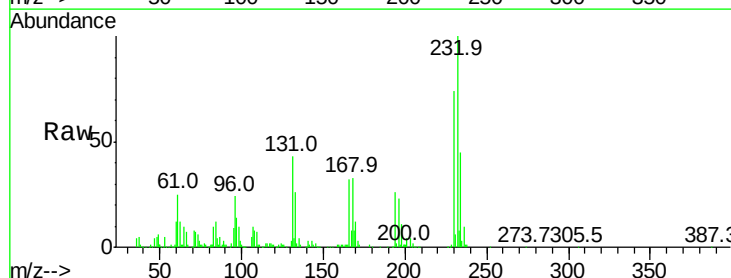
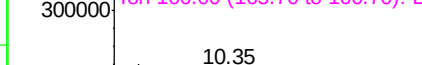
166 32.4 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E

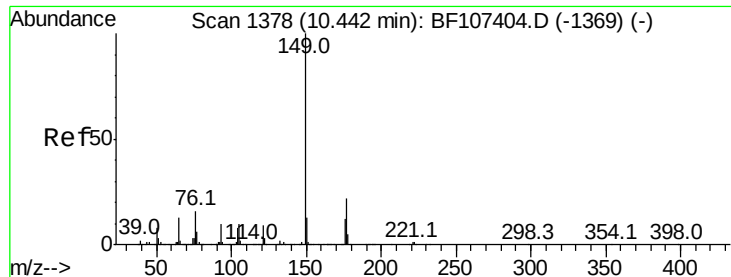
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 31.134 ng

RT: 10.44 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

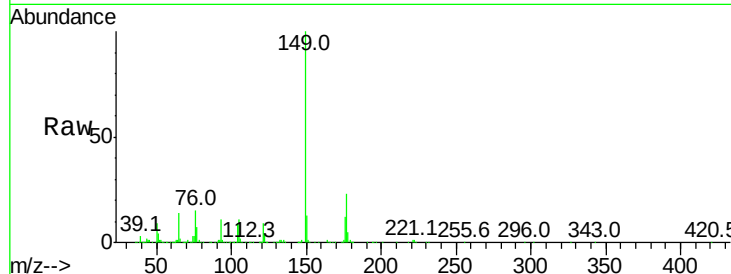
ClientSampleId :

FK-PS-01-033MSD

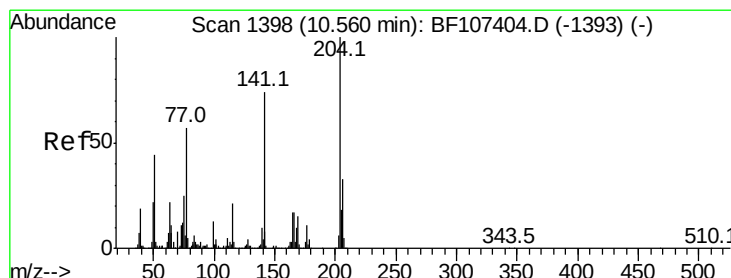
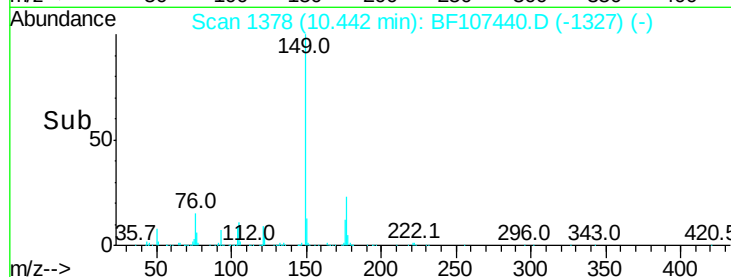
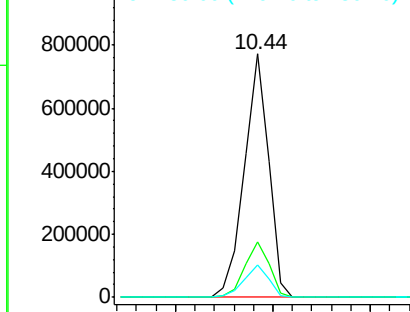
Tot Ion:	149	Resp:	668942
Ion Ratio	Lower	Upper	
149	100		
177	22.8	16.1	24.1
150	13.3	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 28.833 ng

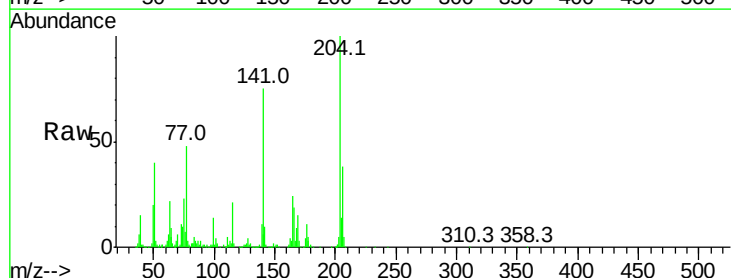
RT: 10.57 min Scan# 1399

Delta R.T. -0.01 min

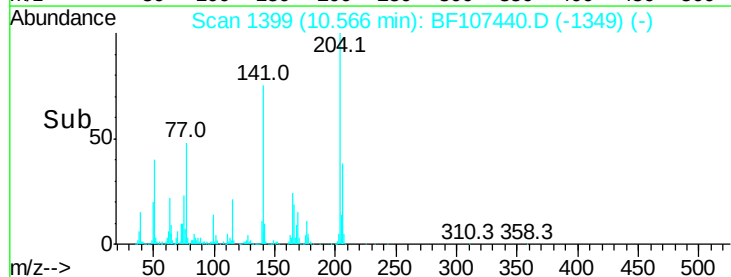
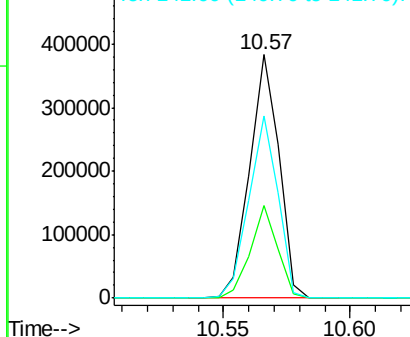
Lab File: BF107440.D

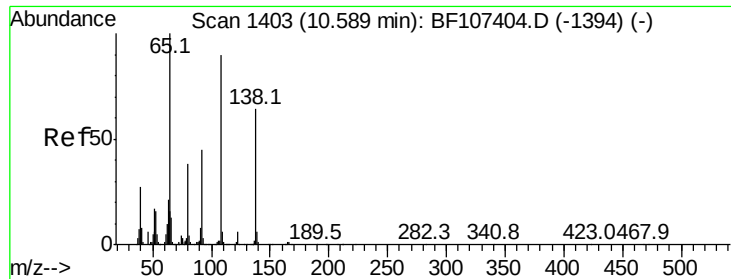
Acq: 17 Jul 2018 11:06

Tgt Ion:	204	Resp:	309092
Ion Ratio	Lower	Upper	
204	100		
206	38.2	26.5	39.7
141	74.9	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





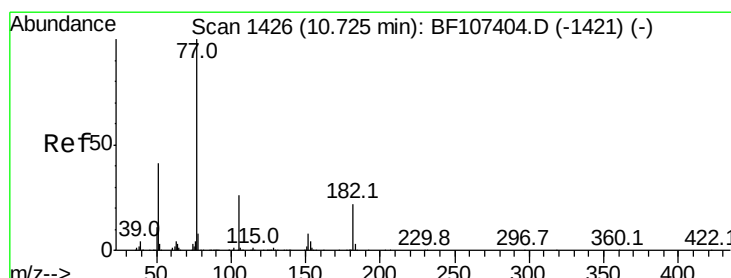
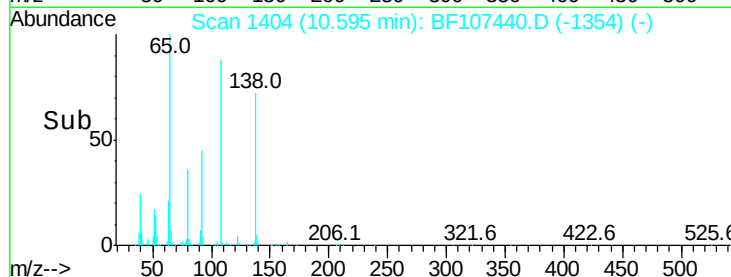
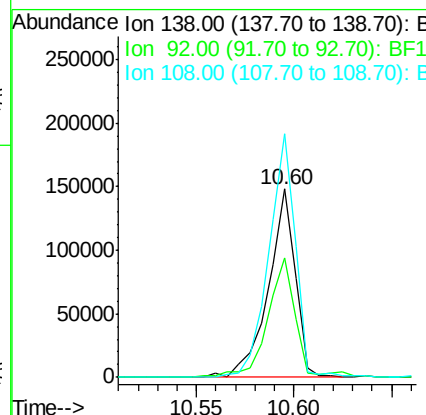
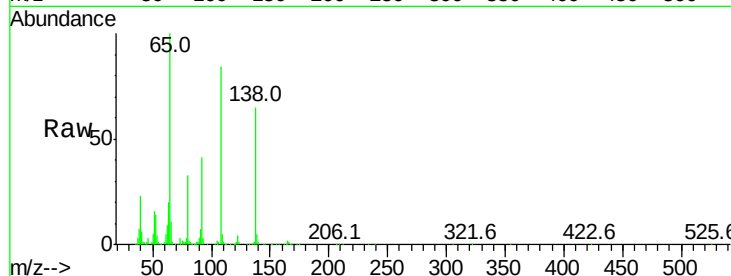
#61
4-Nitroaniline
Concen: 33.502 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.6	30.2	70.2
108	129.3	52.5	92.5#

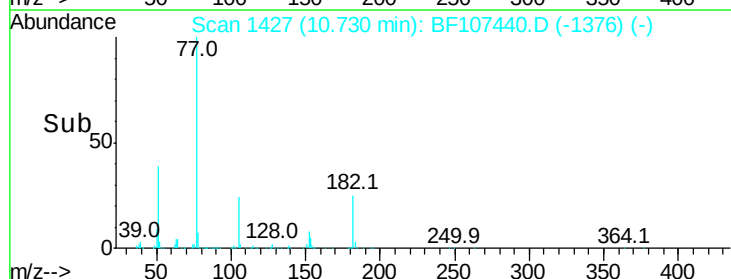
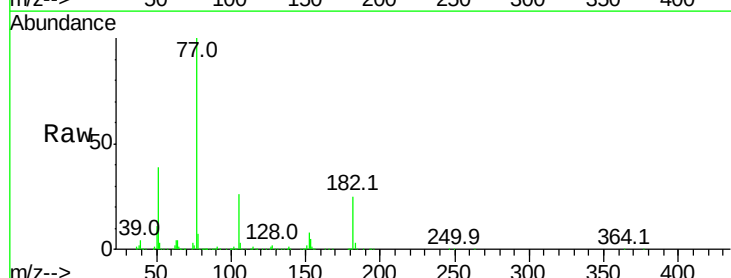
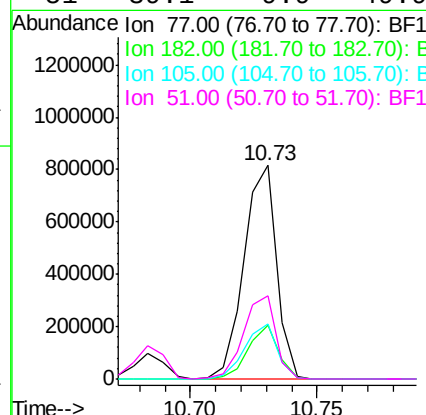
Manual Integrations
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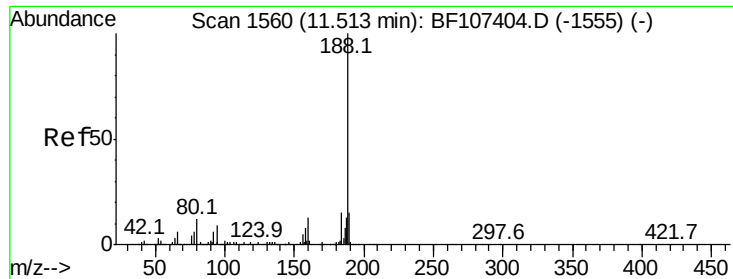
Sohil
7/18/2018 10:43:48 AM



#62
Azobenzene
Concen: 28.796 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.7	41.7
105	26.0	3.0	43.0
51	39.1	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: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

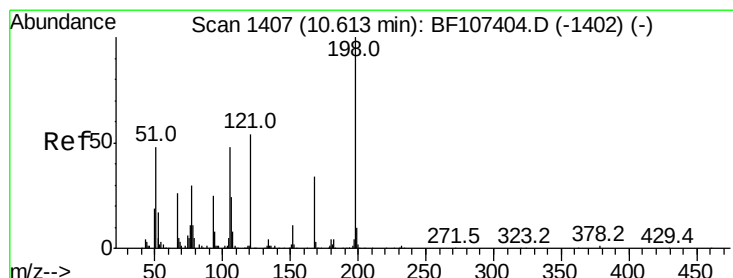
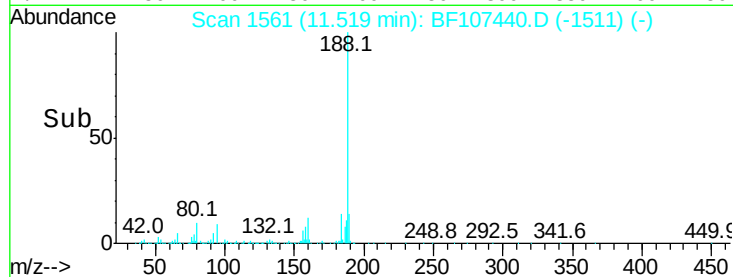
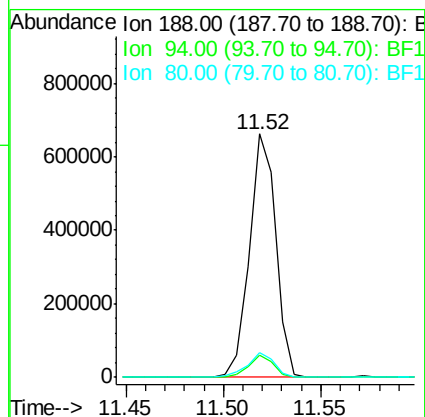
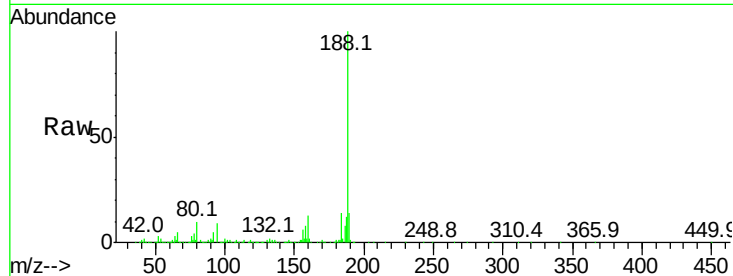
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	188	Resp:	618131
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	9.9	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.571 ng

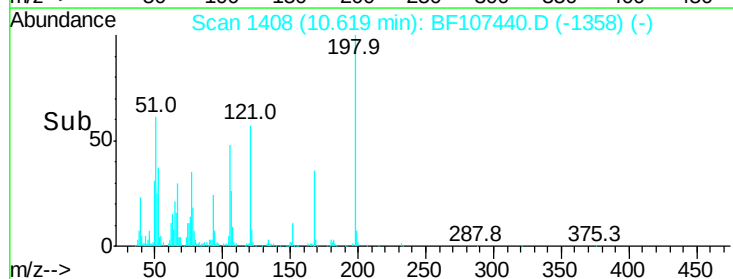
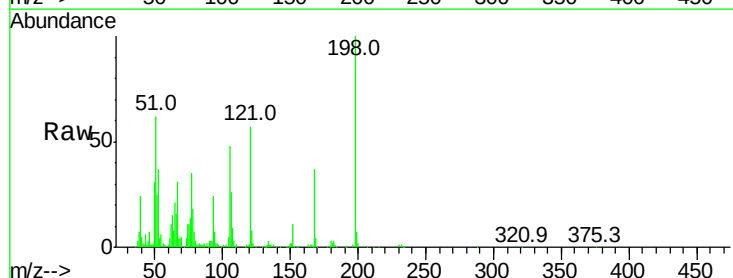
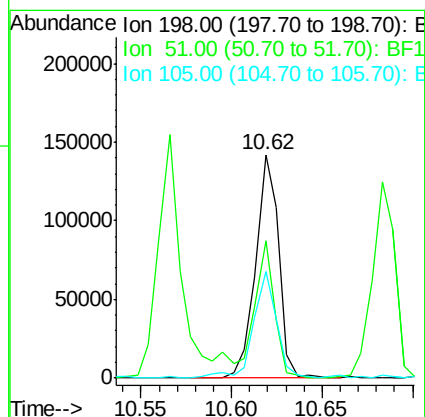
RT: 10.62 min Scan# 1408

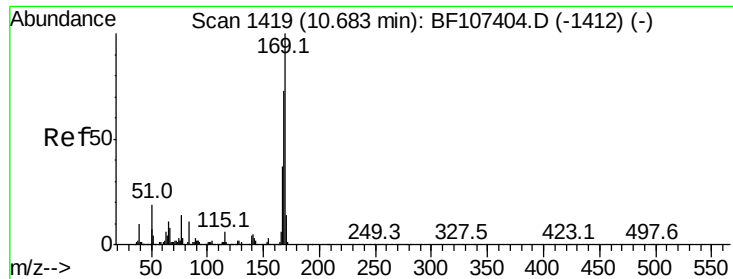
Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	198	Resp:	125920
Ion Ratio	Lower	Upper	
198	100		
51	61.6	37.7	77.7
105	47.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 28.796 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

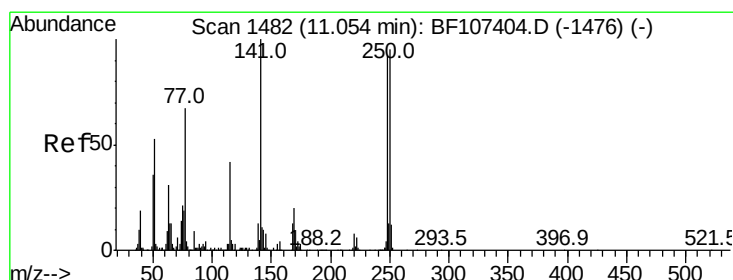
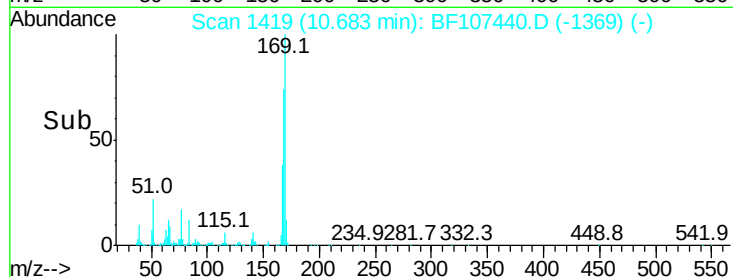
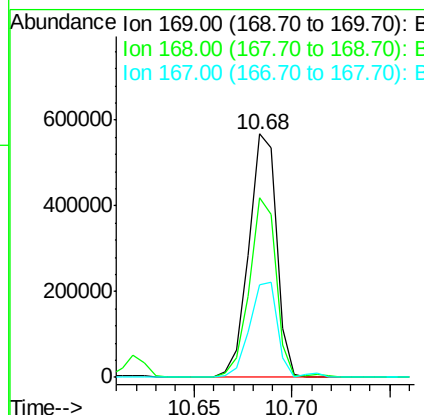
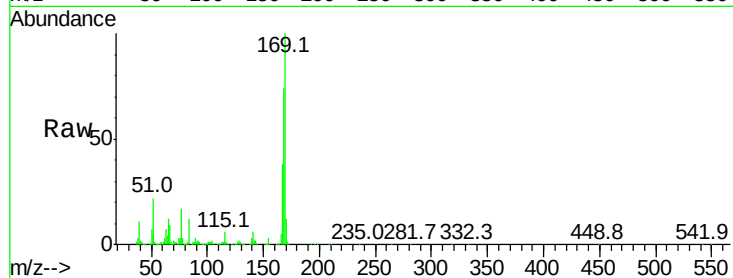
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	169	Resp:	562177
Ion Ratio	Lower	Upper	
169	100		
168	73.6	54.4	81.6
167	38.0	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 27.624 ng

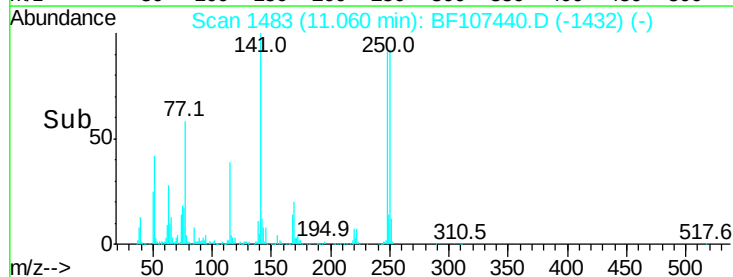
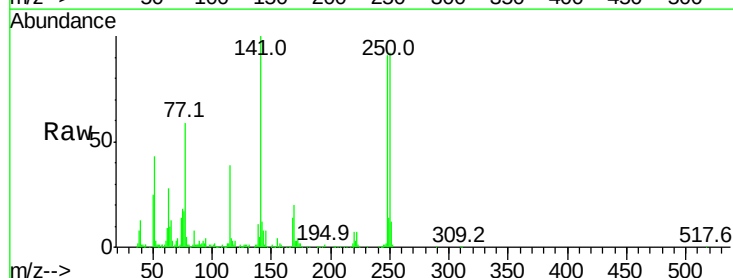
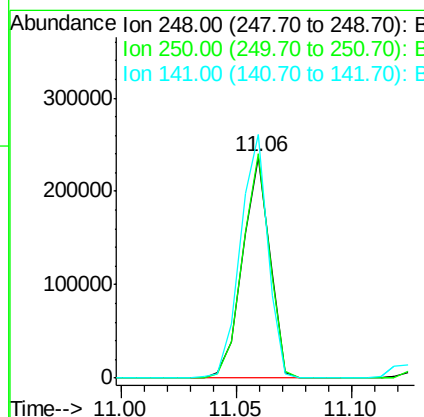
RT: 11.06 min Scan# 1483

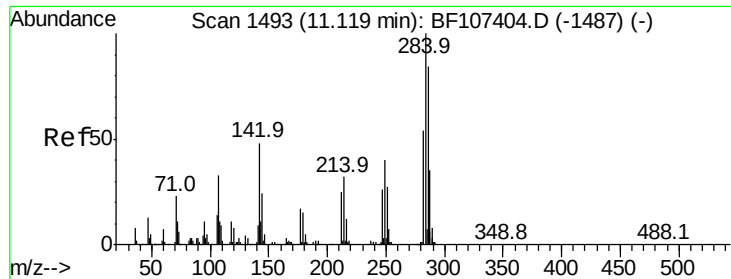
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	248	Resp:	195353
Ion Ratio	Lower	Upper	
248	100		
250	101.6	76.9	115.3
141	110.3	74.4	111.6





#67

Hexachlorobenzene

Concen: 29.751 ng

RT: 11.12 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

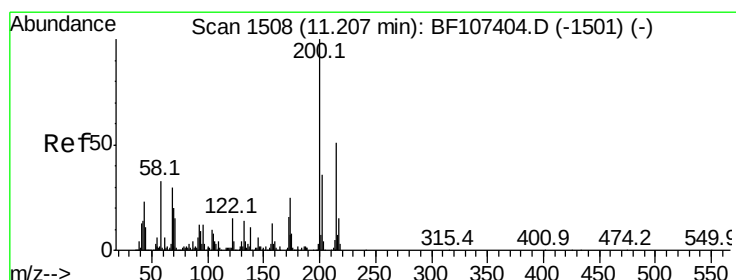
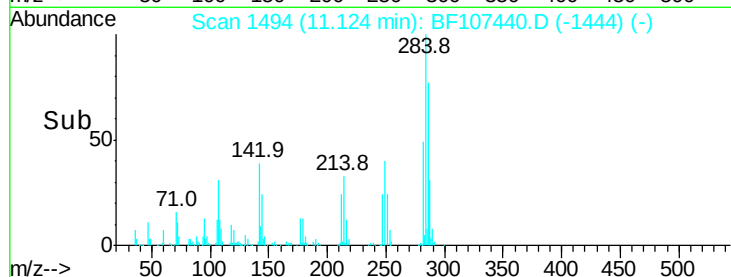
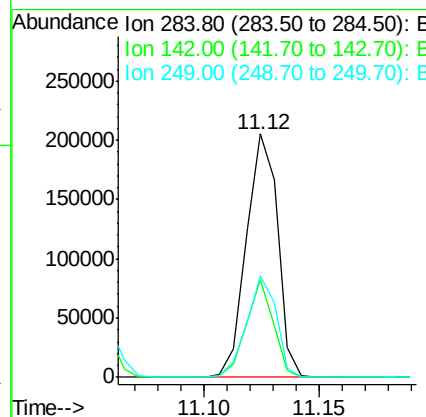
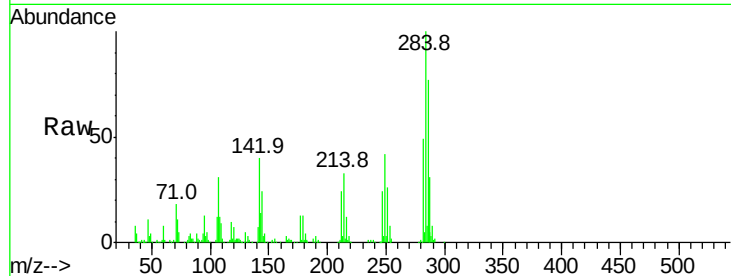
ClientSampleId :

FK-PS-01-033MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	194757		
142	40.2	34.6	52.0	
249	41.7	24.8	37.2	

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#68

Atrazine

Concen: 30.094 ng

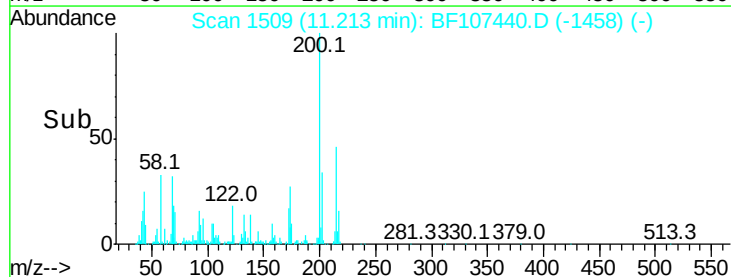
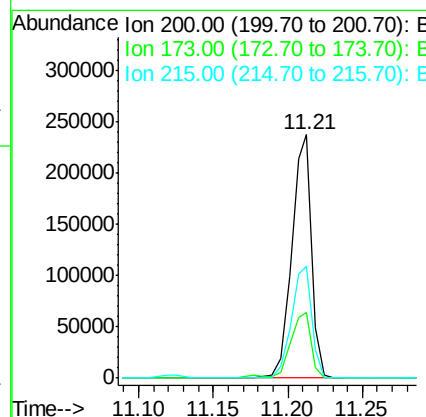
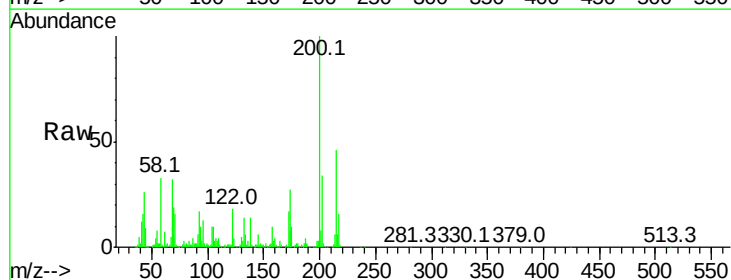
RT: 11.21 min Scan# 1509

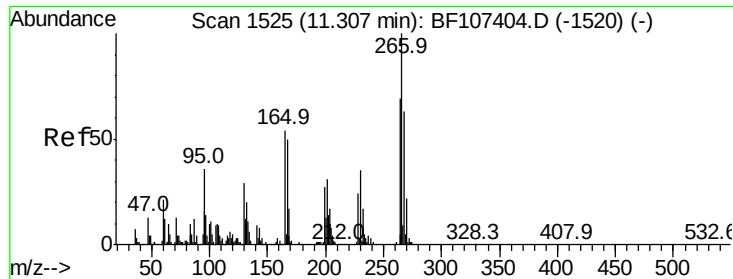
Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	222020		
173	27.1	8.6	48.6	
215	46.0	25.1	65.1	





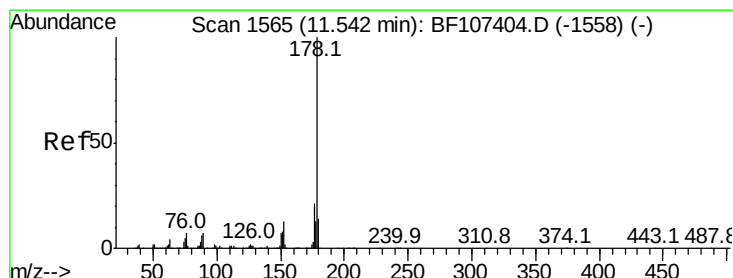
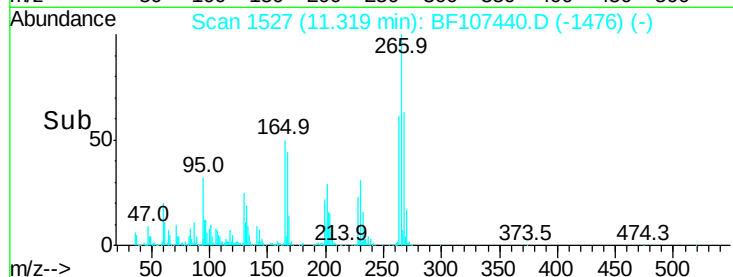
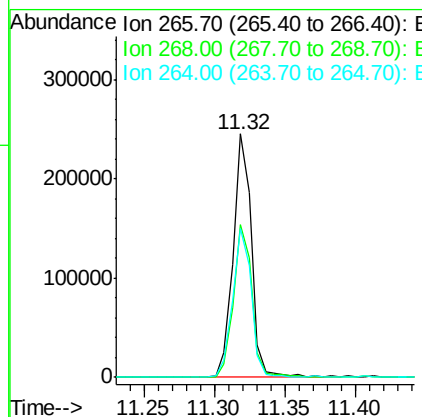
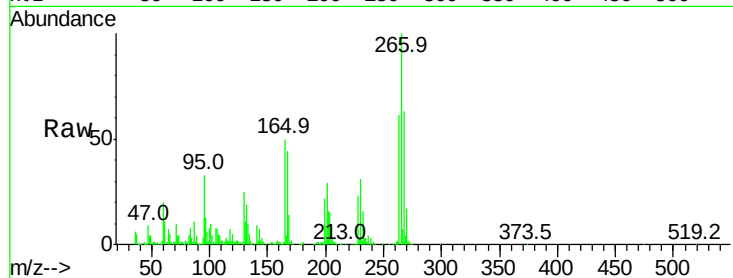
#69
 Pentachlorophenol
 Concen: 45.767 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	60.9	49.5	74.3

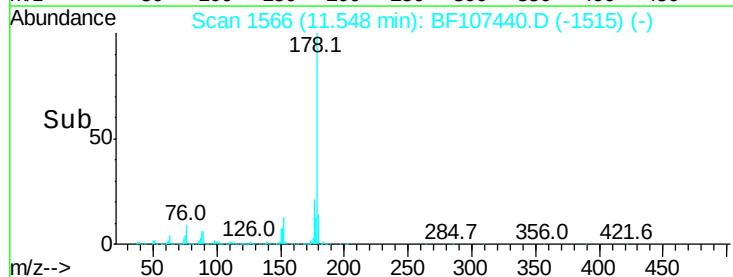
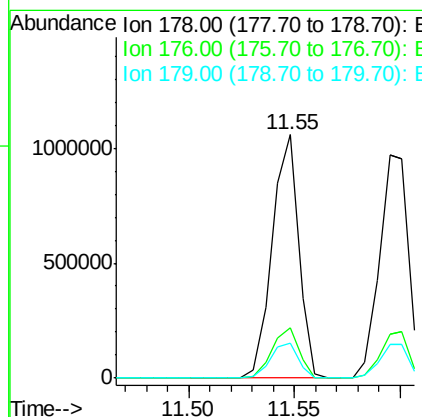
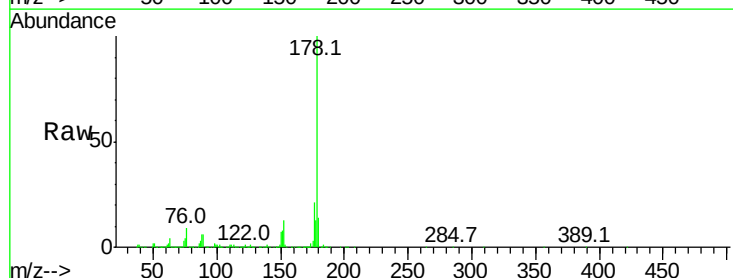
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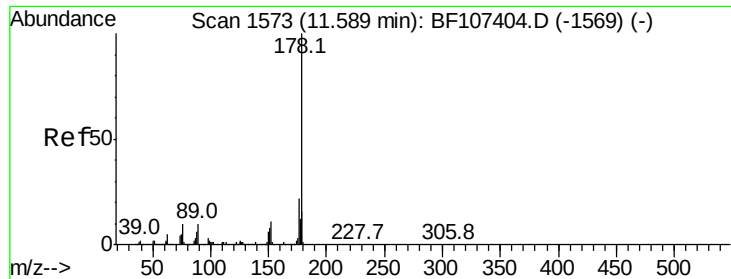
Sohil
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#70
 Phenanthrene
 Concen: 30.065 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	14.4	13.0	19.6





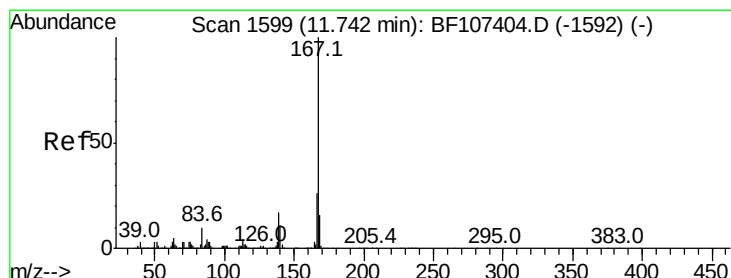
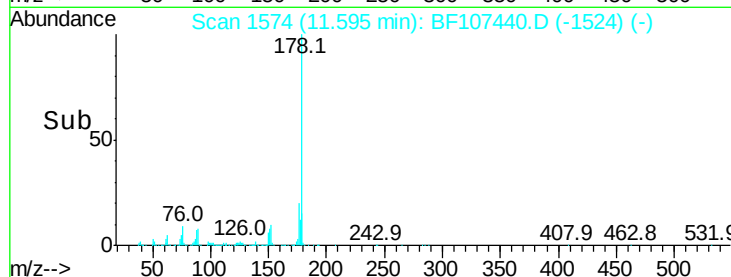
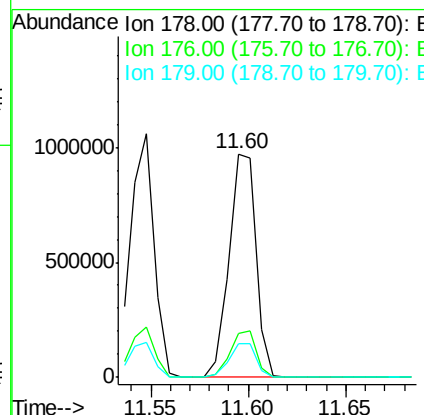
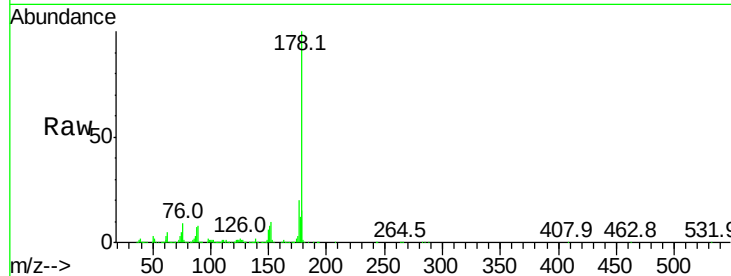
#71
 Anthracene
 Concen: 30.458 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.3	12.6	19.0

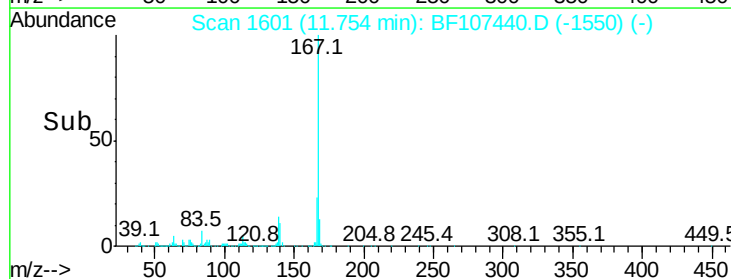
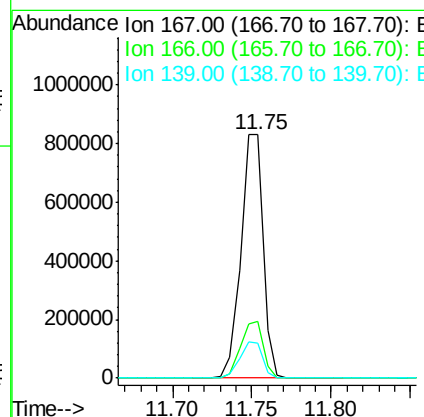
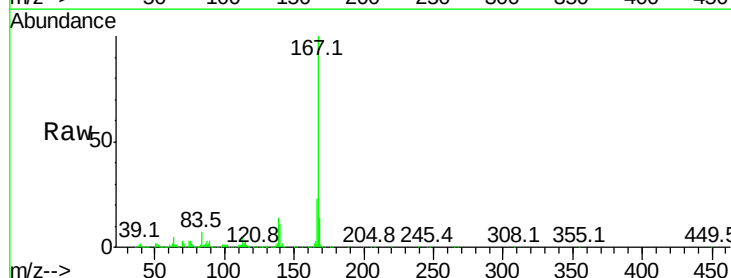
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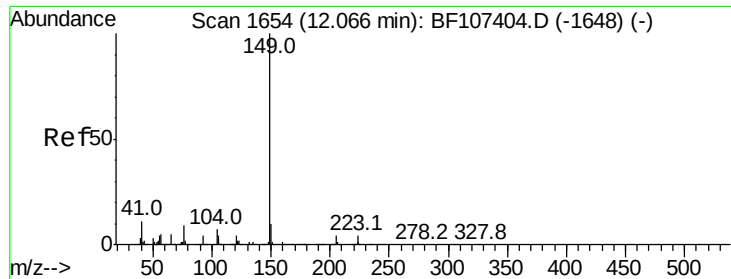
Sohil
 7/18/2018 10:43:48 AM



#72
 Carbazole
 Concen: 27.885 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	14.3	10.9	16.3





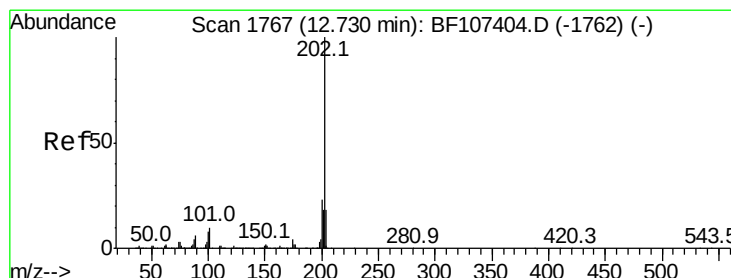
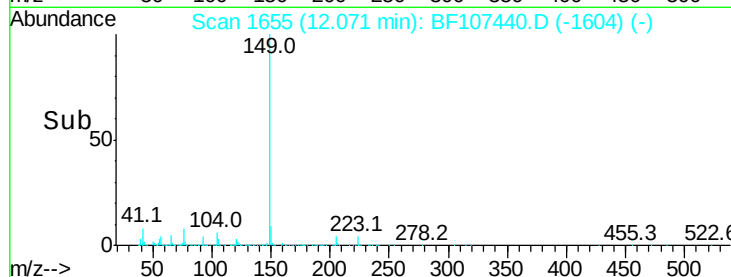
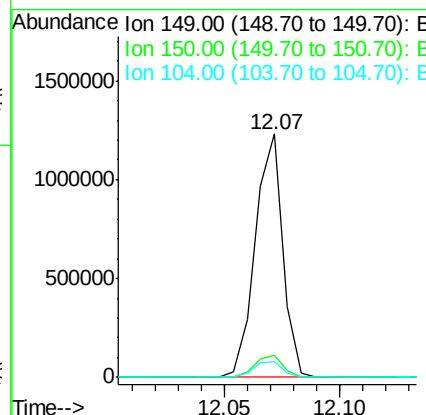
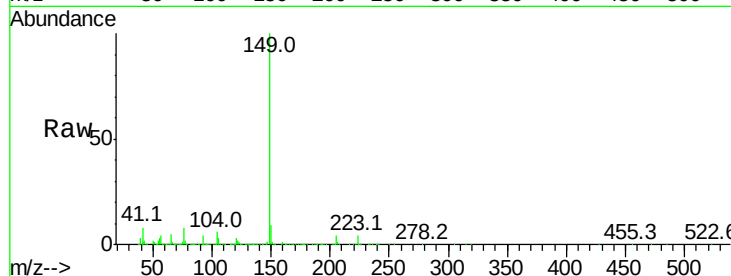
#73
Di-n-butylphthalate
Concen: 30.661 ng
RT: 12.07 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.4	3.8	5.8

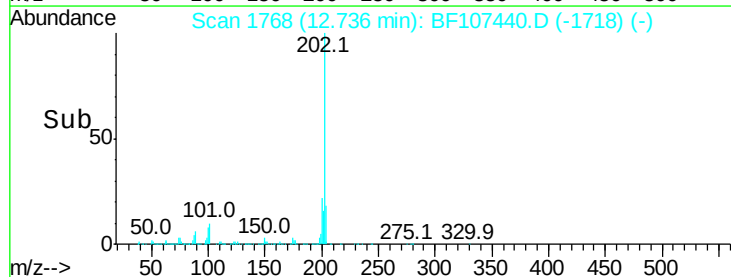
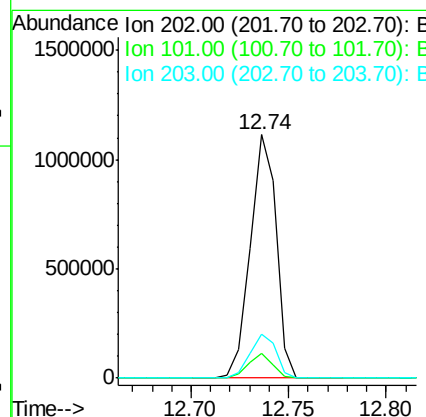
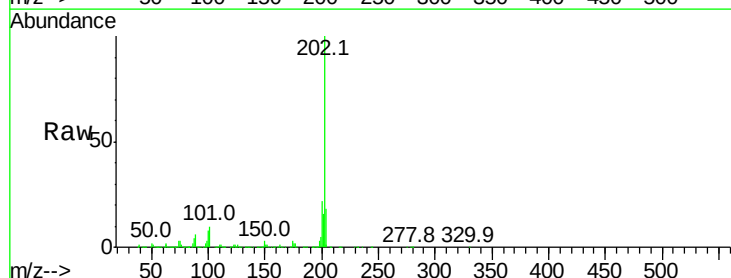
Manual Integrations
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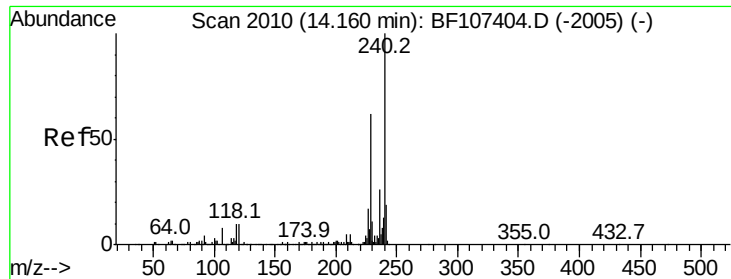
Sohil
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#74
Fluoranthene
Concen: 29.240 ng
RT: 12.74 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

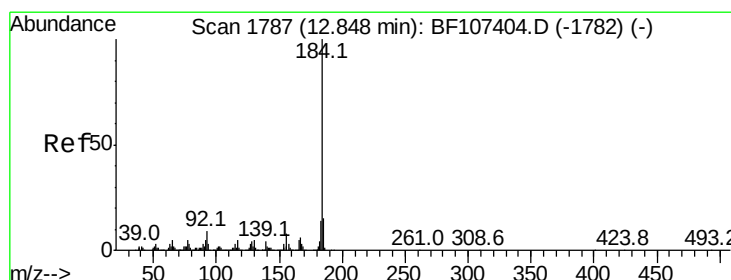
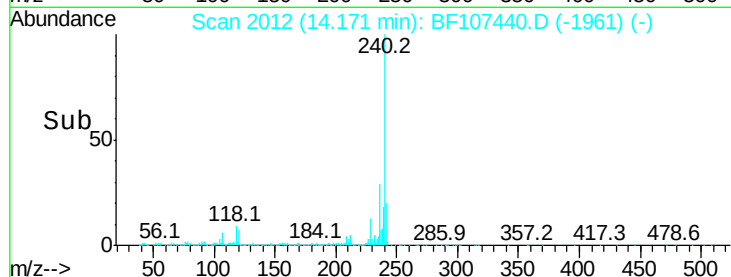
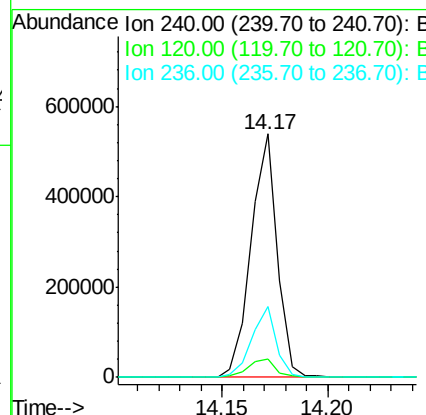
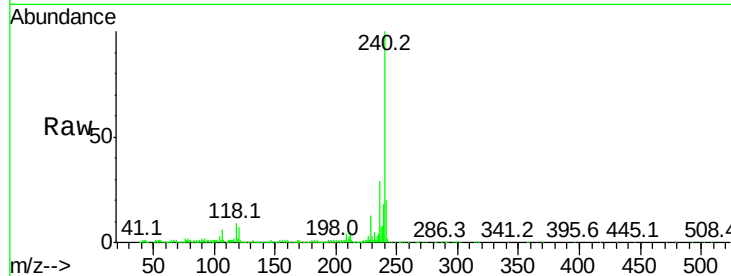
ClientSampleId :

FK-PS-01-033MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.5	14.3#
236	28.9	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 15.887 ng

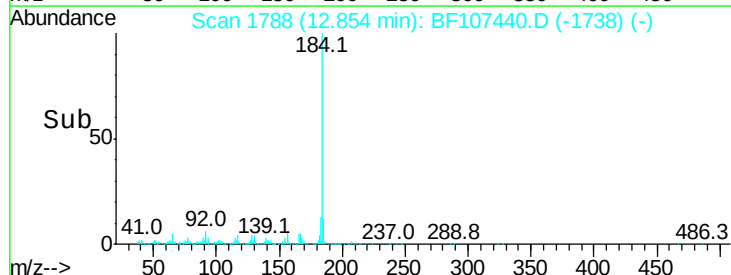
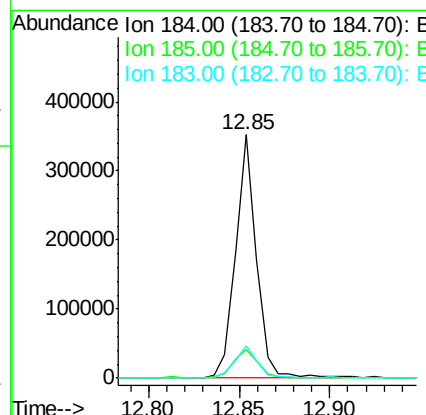
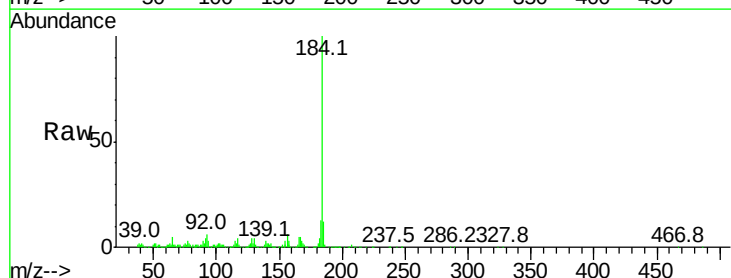
RT: 12.85 min Scan# 1788

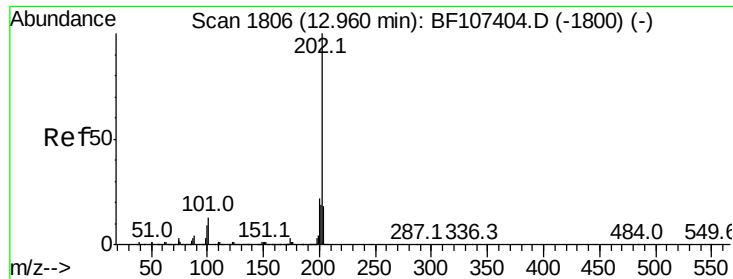
Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	11.8	12.6	18.8#
183	13.3	9.3	13.9





#77

Pvrene

Concen: 32.654 ng

RT: 12.97 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tot Ion:202 Resp: 1024729

Ion Ratio Lower Upper

202 100

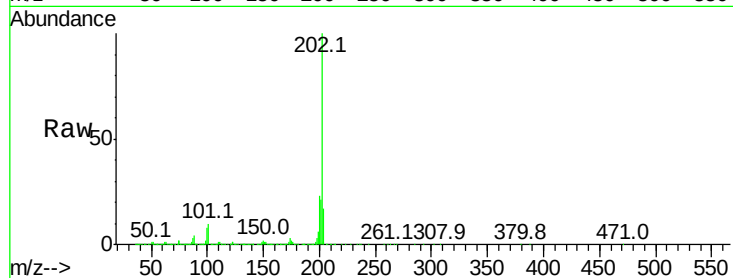
200 22.9 17.4 26.2

203 16.6 14.3 21.5

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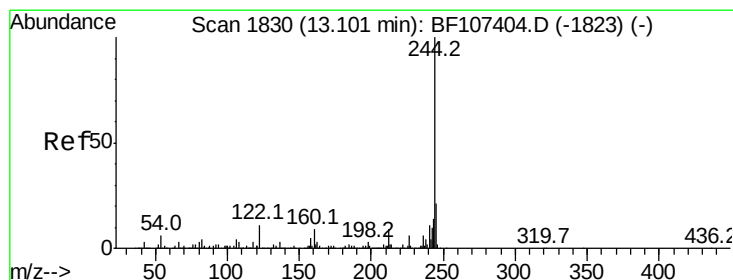
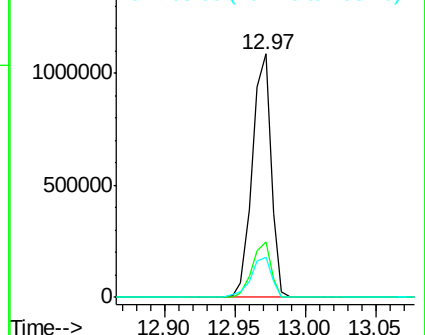
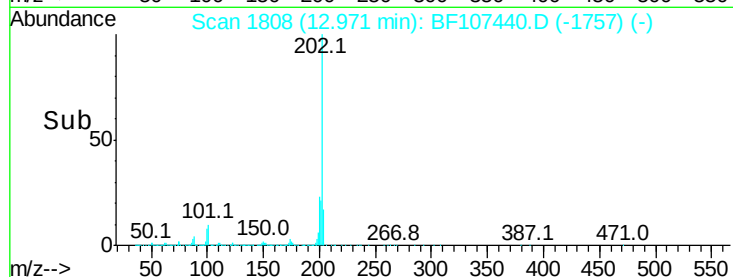
7/18/2018 10:43:48 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.775 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

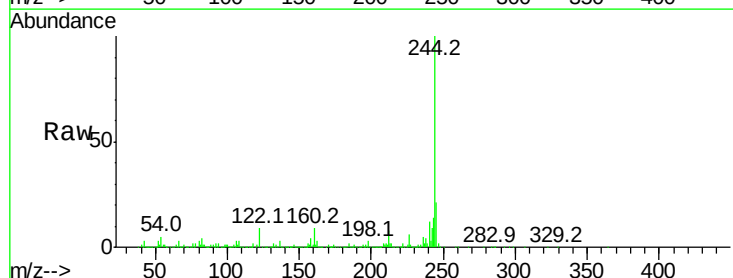
Tgt Ion:244 Resp: 1203105

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

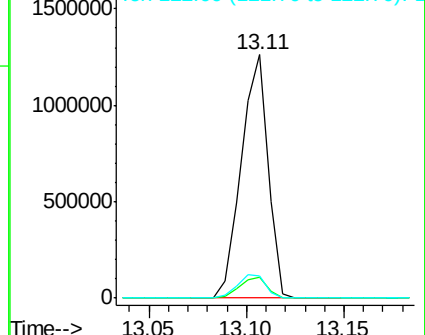
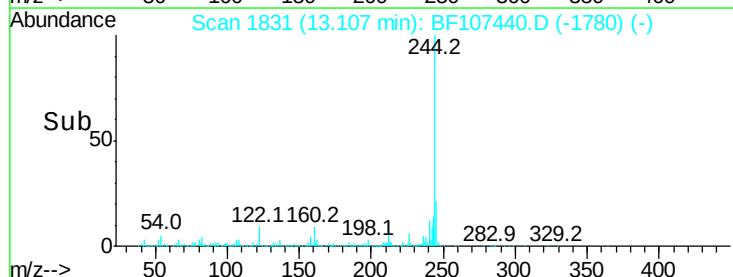
122 9.3 11.0 16.4#

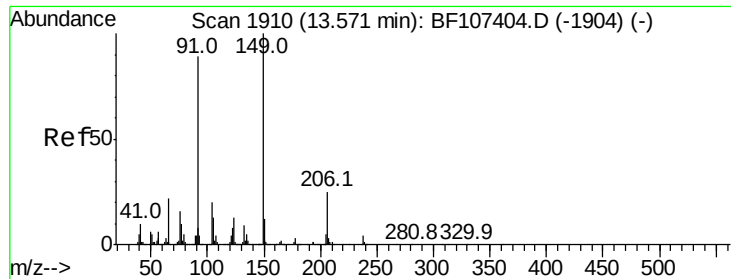


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





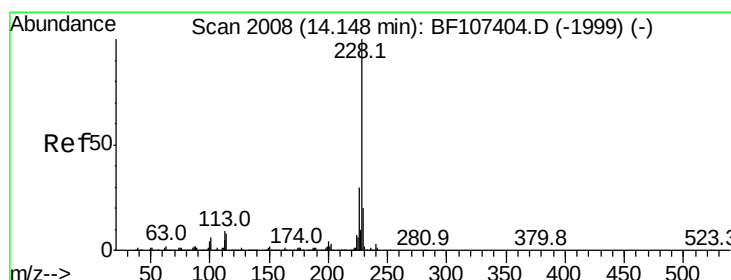
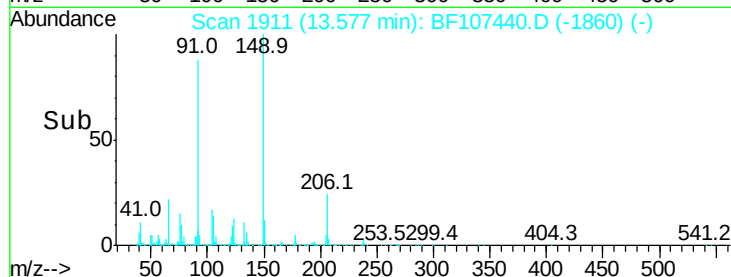
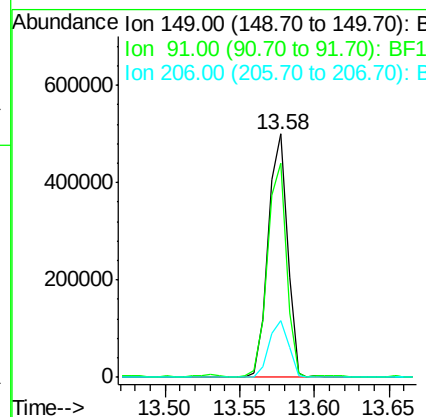
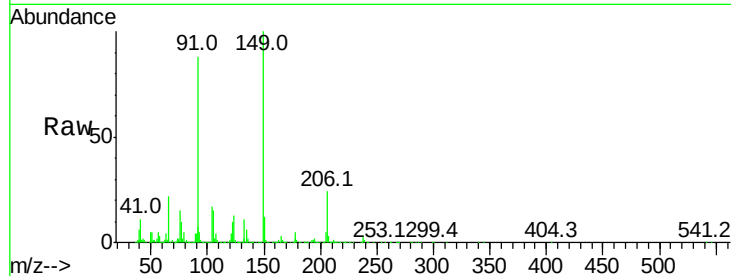
#79
Butylbenzylphthalate
Concen: 38.768 ng
RT: 13.58 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.9	56.8	85.2#
206	23.6	14.1	21.1#

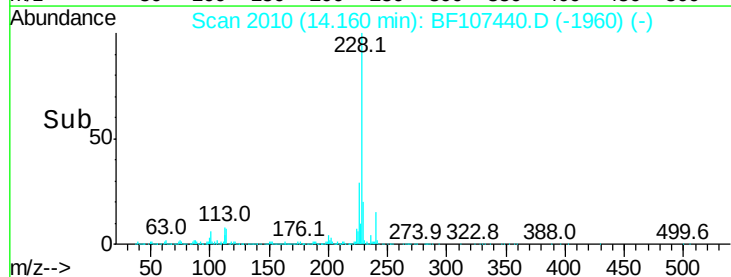
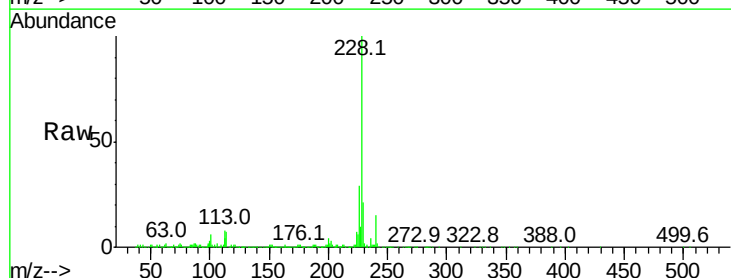
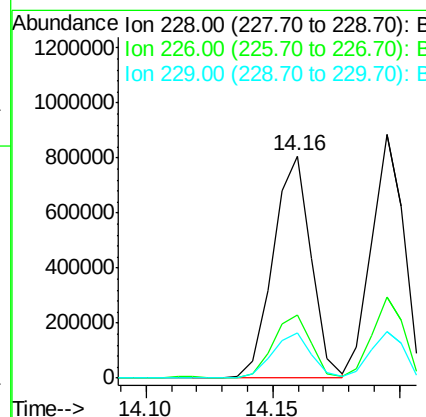
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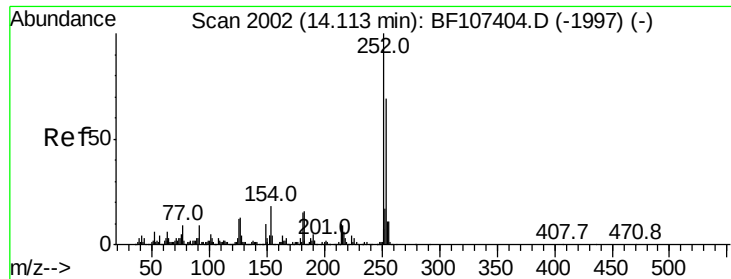
Sohil
7/18/2018 10:43:48 AM



#80
Benzo(a)anthracene
Concen: 29.847 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107440.D
Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.6	15.8	23.6





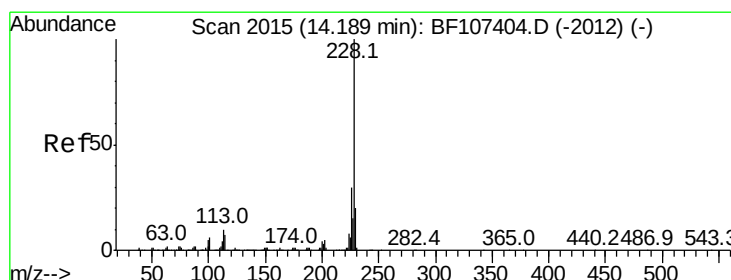
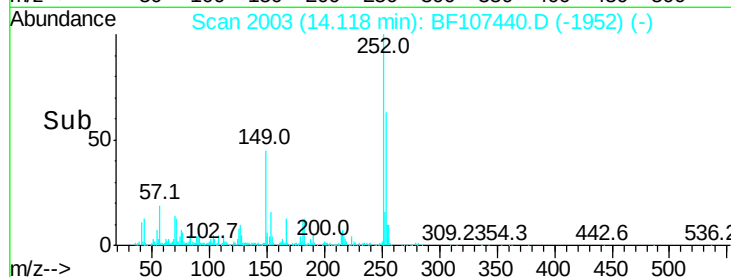
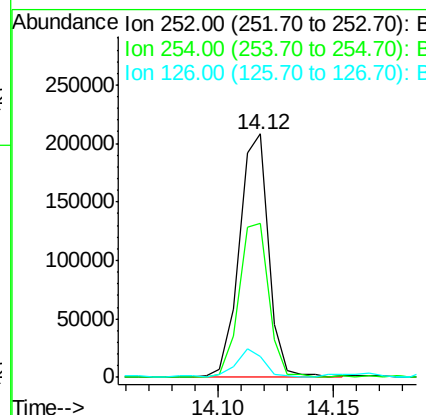
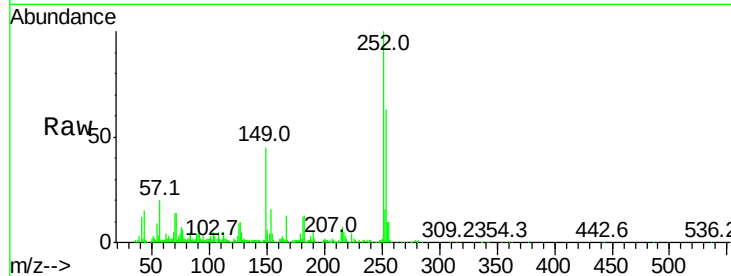
#81
 3,3'-Dichlorobenzidine
 Concen: 19.507 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	8.8	11.3	16.9

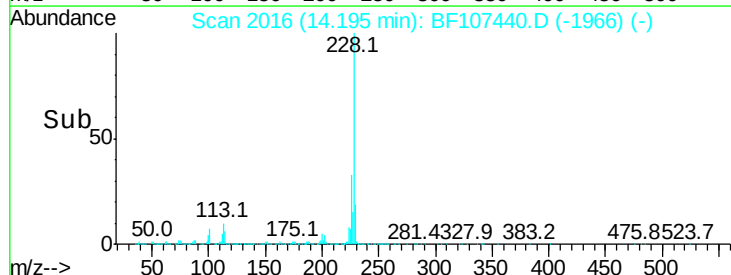
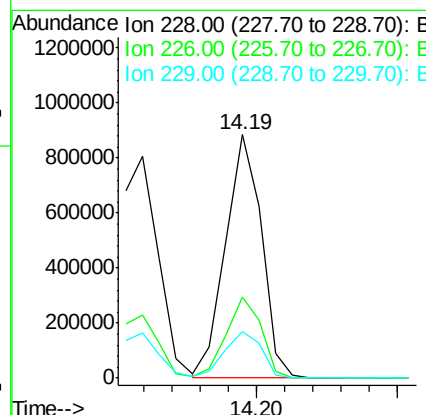
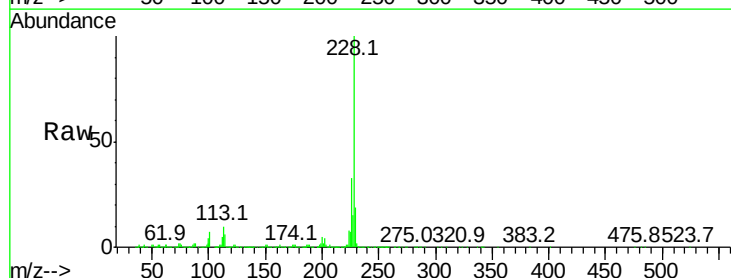
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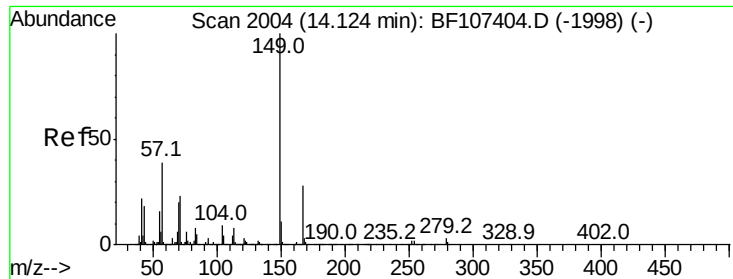
Sohil
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#82
 Chrysene
 Concen: 28.915 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.0	37.6
229	19.1	16.2	24.4





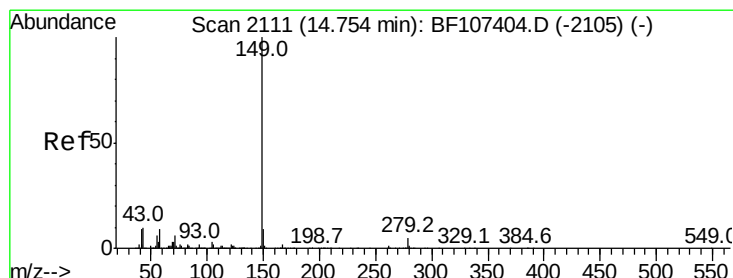
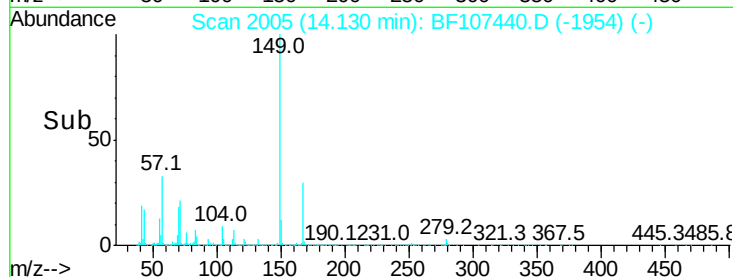
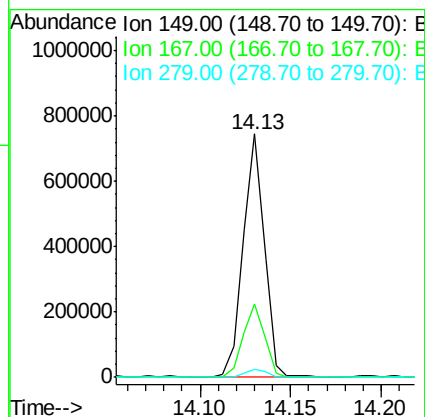
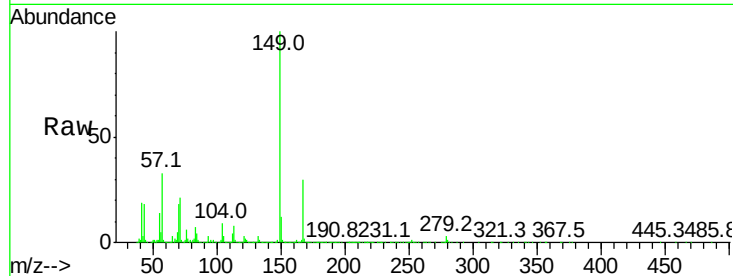
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.559 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.3	31.9
279	3.4	3.0	4.4

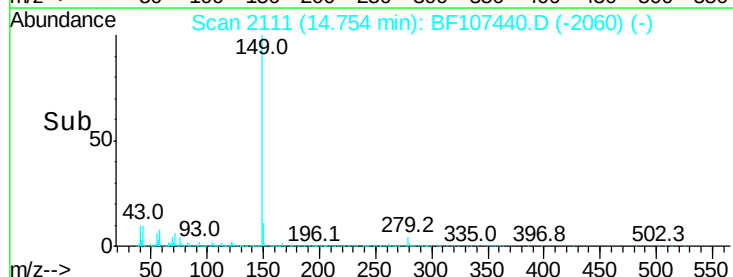
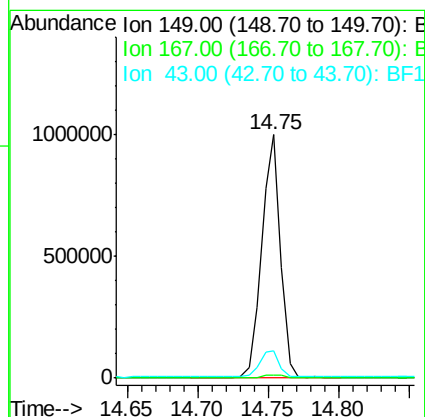
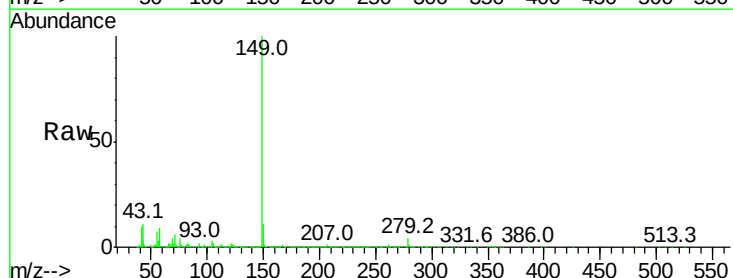
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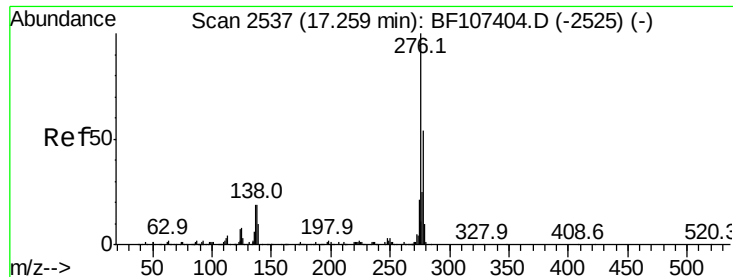
Sohil
 7/18/2018 10:43:48 AM



#84
 Di-n-octyl phthalate
 Concen: 36.834 ng
 RT: 14.75 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.736 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

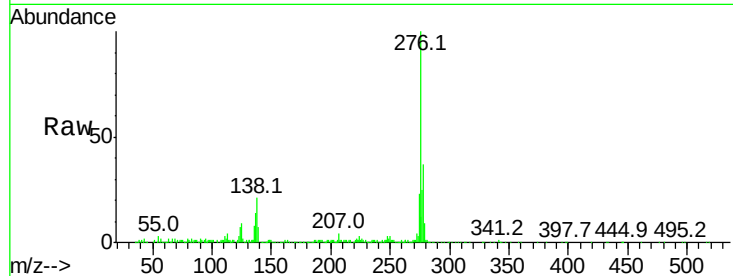
ClientSampleId :

FK-PS-01-033MSD

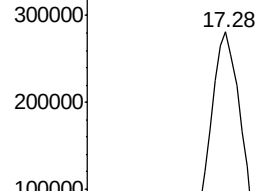
Tot Ion:	276	Resp:	743697
Ion Ratio	Lower	Upper	
276	100		
138	20.6	25.0	37.6#
277	25.3	20.1	30.1

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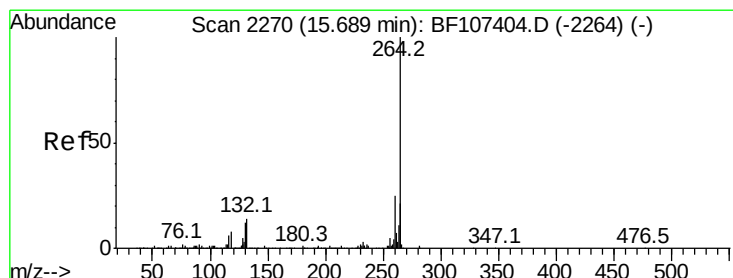
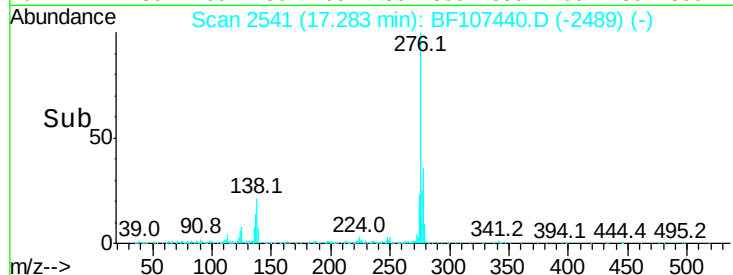
Sohil
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

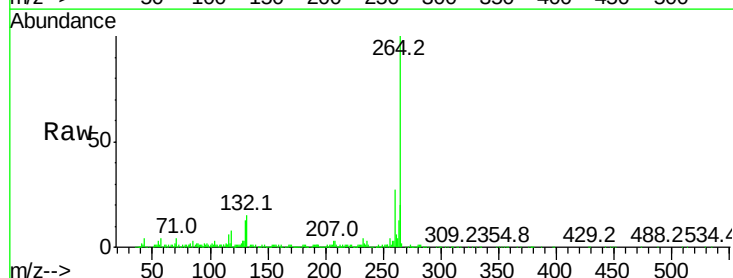
RT: 15.70 min Scan# 2272

Delta R.T. -0.01 min

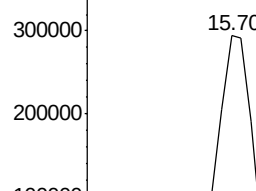
Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

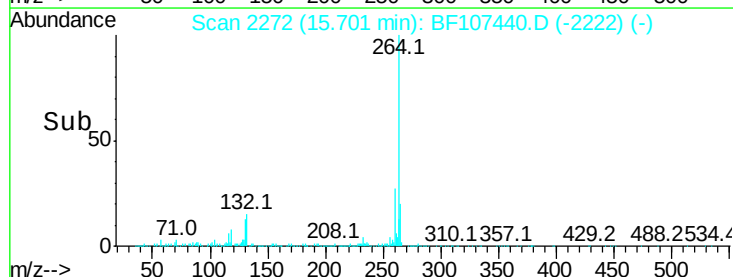
Tgt Ion:	264	Resp:	420074
Ion Ratio	Lower	Upper	
264	100		
260	26.9	19.2	28.8
265	20.1	17.5	26.3

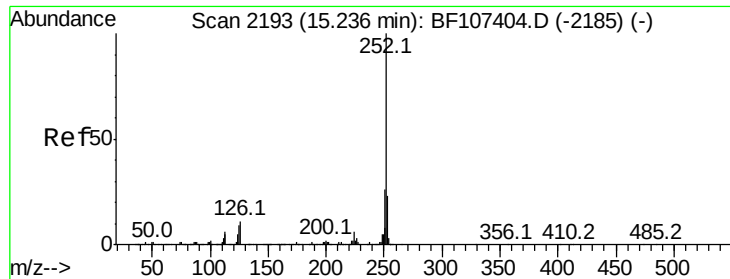


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 30.046 ng

RT: 15.25 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

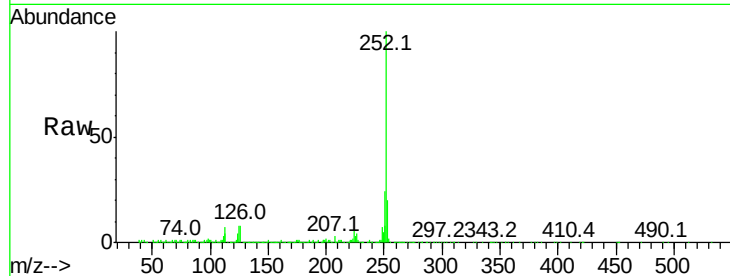
ClientSampleId :

FK-PS-01-033MSD

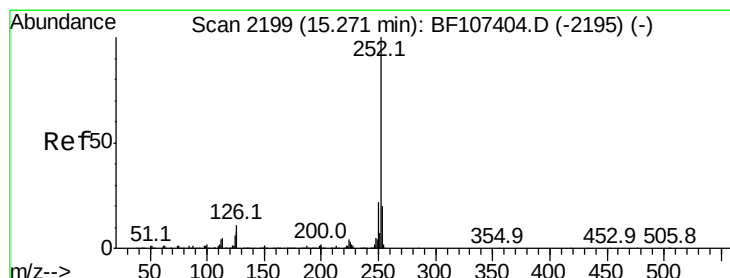
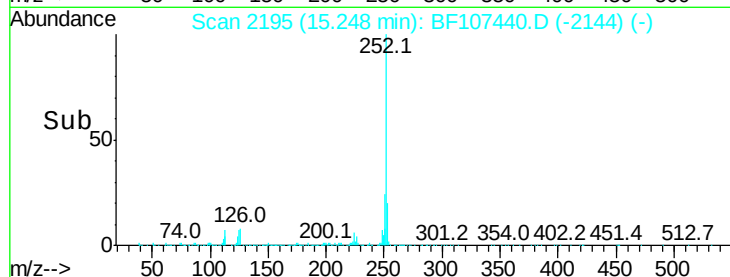
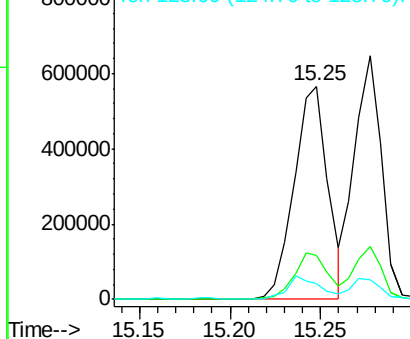
Tot Ion:	252	Resp:	738762
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.0	25.6
125	7.6	9.0	13.6#

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



#88

Benzo(k)fluoranthene

Concen: 28.372 ng

RT: 15.28 min Scan# 2200

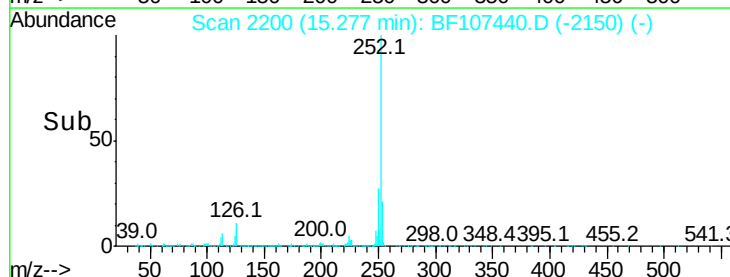
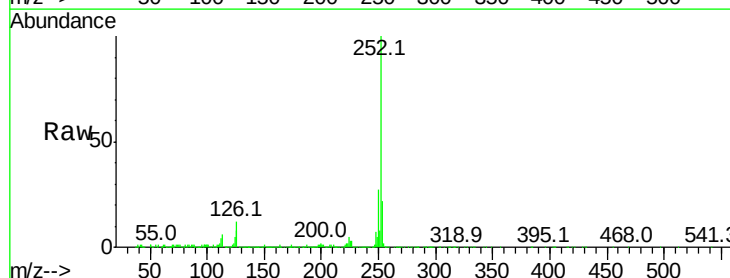
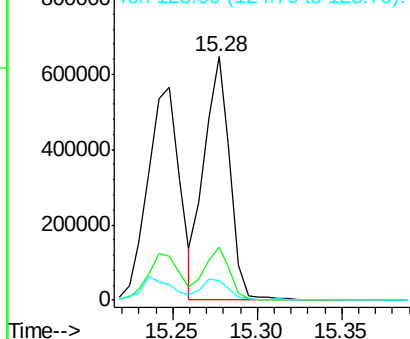
Delta R.T. -0.01 min

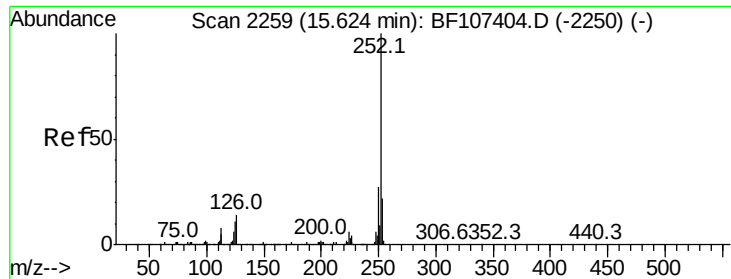
Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	252	Resp:	680788
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	8.2	10.2	15.2#

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





#89

Benzo(a)pyrene

Concen: 30.587 ng

RT: 15.64 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Instrument :

BNA_F

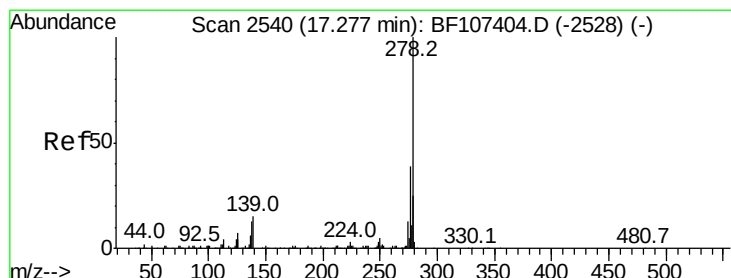
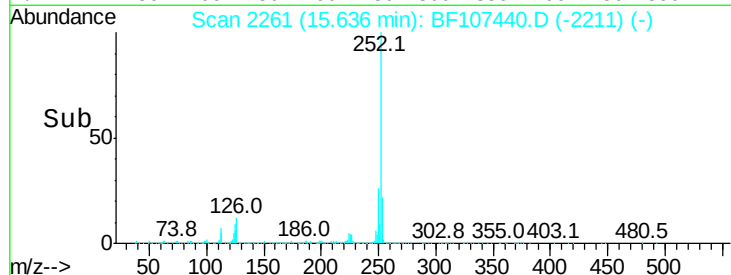
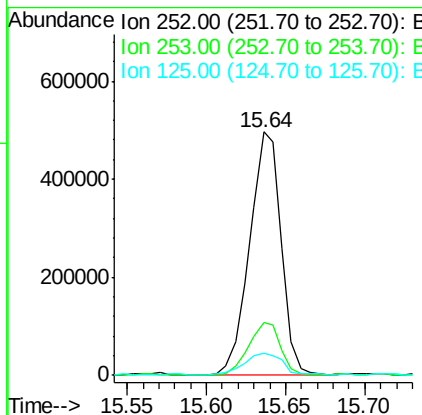
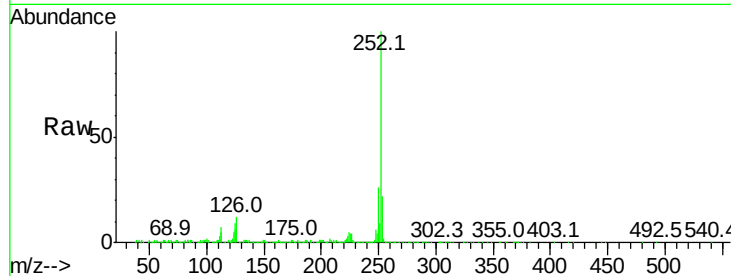
ClientSampleId :

FK-PS-01-033MSD

Tot Ion:	252	Resp:	690280
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	8.9	9.8	14.6#

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#90

Dibenzo(a,h)anthracene

Concen: 35.109 ng

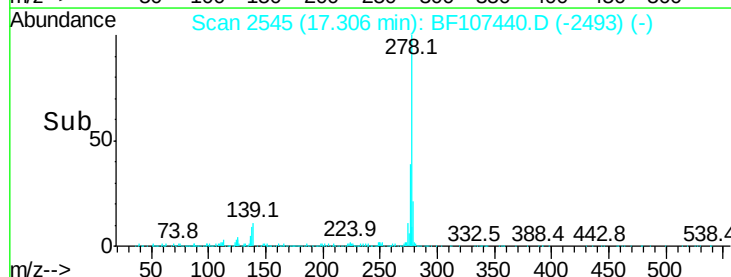
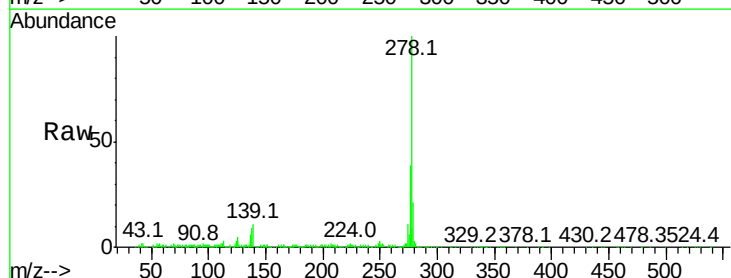
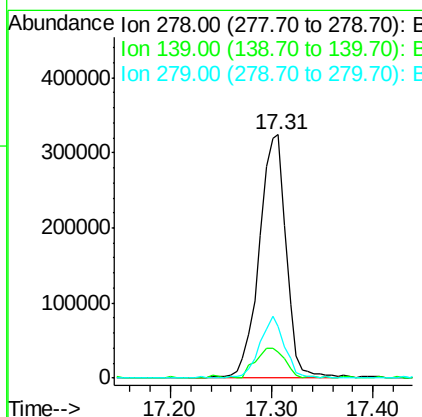
RT: 17.31 min Scan# 2545

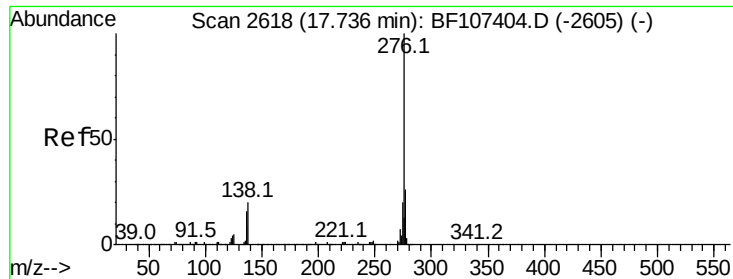
Delta R.T. 0.01 min

Lab File: BF107440.D

Acq: 17 Jul 2018 11:06

Tgt Ion:	278	Resp:	597975
Ion Ratio	Lower	Upper	
278	100		
139	10.9	15.9	23.9#
279	21.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.256 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF107440.D
 Acq: 17 Jul 2018 11:06

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	16.5	21.8	32.8

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