

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098796.D
 Acq On : 25 Sep 2017 21:33
 Operator : SJ/JU
 Sample : I5388-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Manual Integrations
 APPROVED

Sohil
 9/26/2017 4:58:36 PM

Quant Time: Sep 26 07:18:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147319	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	624295	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	301209	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	559598	20.00	ng	0.00
75) Chrysene-d12	14.09	240	397866	20.00	ng	0.00
86) Perylene-d12	15.57	264	296196	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1152450	124.53	ng	0.00
7) Phenol-d6	6.55	99	1421165	124.49	ng	0.00
23) Nitrobenzene-d5	7.48	82	871407	89.51	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	329369	133.63	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1563468	86.65	ng	0.00
78) Terphenyl-d14	13.03	244	1461685	83.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	159214	36.016	ng	97
3) Pyridine	3.55	79	429694	35.931	ng	98
4) n-Nitrosodimethylamine	3.49	42	221389	43.657	ng	95
6) Aniline	6.58	93	582005	37.773	ng	99
8) 2-Chlorophenol	6.70	128	457782	43.681	ng	96
9) Benzaldehyde	6.46	77	112371	16.969	ng	98
10) Phenol	6.56	94	586483	45.935	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	443330	44.665	ng	99
12) 1,3-Dichlorobenzene	6.86	146	471340	42.944	ng	98
13) 1,4-Dichlorobenzene	6.93	146	473280	42.382	ng	99
14) 1,2-Dichlorobenzene	7.09	146	449733	43.586	ng	99
15) Benzyl Alcohol	7.06	79	401177	47.902	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	705434	45.617	ng	99
17) 2-Methylphenol	7.16	107	400608	46.718	ng	98
18) Hexachloroethane	7.43	117	171971	42.844	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	321503	44.109	ng	99
20) 3+4-Methylphenols	7.32	107	487561	44.944	ng	# 89
22) Acetophenone	7.33	105	629896	41.644	ng	# 96
24) Nitrobenzene	7.50	77	484187	43.846	ng	98
25) Isophorone	7.74	82	918534	45.637	ng	99
26) 2-Nitrophenol	7.81	139	255112	48.041	ng	99
27) 2,4-Dimethylphenol	7.85	122	450380	44.910	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	581411	46.354	ng	99
29) 2,4-Dichlorophenol	8.05	162	404555	46.985	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	386309	44.859	ng	98
31) Naphthalene	8.22	128	1306365	44.554	ng	99
32) Benzoic acid	7.96	122	226914	27.546	ng	99
33) 4-Chloroaniline	8.26	127	460436	37.604	ng	99
34) Hexachlorobutadiene	8.33	225	192716	43.448	ng	99
35) Caprolactam	8.65	113	146848m	53.169	ng	
36) 4-Chloro-3-methylphenol	8.75	107	444341	45.913	ng	98
37) 2-Methylnaphthalene	8.91	142	929147	48.746	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	352777	39.272	ng	99
40) Hexachlorocyclopentadiene	9.06	237	382909	93.275	ng	99

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Quant Time: Sep 26 07:18:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	282500	44.392	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	292621	46.063	ng	98
45) 1,1'-Biphenyl	9.37	154	1069063	41.297	ng	100
46) 2-Chloronaphthalene	9.40	162	847957	43.627	ng	97
47) 2-Nitroaniline	9.50	65	283953	47.711	ng	94
48) Acenaphthylene	9.82	152	1291764	43.415	ng	100
49) Dimethylphthalate	9.68	163	1244179	54.729	ng	99
50) 2,6-Dinitrotoluene	9.74	165	232884	47.054	ng	95
51) Acenaphthene	9.99	154	900801	47.793	ng	100
52) 3-Nitroaniline	9.91	138	236433	40.970	ng	# 90
53) 2,4-Dinitrophenol	10.02	184	207594	80.524	ng	89
54) Dibenzofuran	10.16	168	1184959	47.219	ng	99
55) 4-Nitrophenol	10.07	139	457481	93.753	ng	90
56) 2,4-Dinitrotoluene	10.15	165	317246	49.390	ng	# 90
57) Fluorene	10.50	166	901735	44.706	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	225670	51.425	ng	99
59) Diethylphthalate	10.37	149	1023205	46.061	ng	98
60) 4-Chlorophenyl-phenylether	10.49	204	403519	44.536	ng	100
61) 4-Nitroaniline	10.53	138	264143	47.444	ng	95
62) Azobenzene	10.66	77	984922	48.221	ng	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	149709	43.971	ng	86
65) n-Nitrosodiphenylamine	10.62	169	840672	43.364	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	240378	43.884	ng	93
67) Hexachlorobenzene	11.05	284	242871	41.515	ng	99
68) Atrazine	11.14	200	247800	42.485	ng	99
69) Pentachlorophenol	11.25	266	292735	80.401	ng	98
70) Phenanthrene	11.47	178	1324550	44.220	ng	100
71) Anthracene	11.52	178	1360603	44.394	ng	100
72) Carbazole	11.67	167	1316217	43.855	ng	100
73) Di-n-butylphthalate	12.00	149	1612083	44.624	ng	100
74) Fluoranthene	12.66	202	1389432	45.808	ng	100
76) Benzidine	12.77	184	511943	34.789	ng	97
77) Pyrene	12.89	202	1430629	47.155	ng	100
79) Butylbenzylphthalate	13.50	149	722464	50.669	ng	92
80) Benzo(a)anthracene	14.07	228	1091536	45.307	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	302251	34.223	ng	100
82) Chrysene	14.11	228	1020425	44.489	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	977395	49.783	ng	99
84) Di-n-octyl phthalate	14.67	149	1560983	49.377	ng	97
85) Indeno(1,2,3-cd)pyrene	17.08	276	799996	43.602	ng	97
87) Benzo(b)fluoranthene	15.13	252	844601	46.378	ng	97
88) Benzo(k)fluoranthene	15.17	252	839391	46.666	ng	99
89) Benzo(a)pyrene	15.51	252	775222	46.374	ng	# 97
90) Dibenzo(a,h)anthracene	17.10	278	662937	49.553	ng	99
91) Benzo(g,h,i)perylene	17.54	276	678100	51.277	ng	96

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

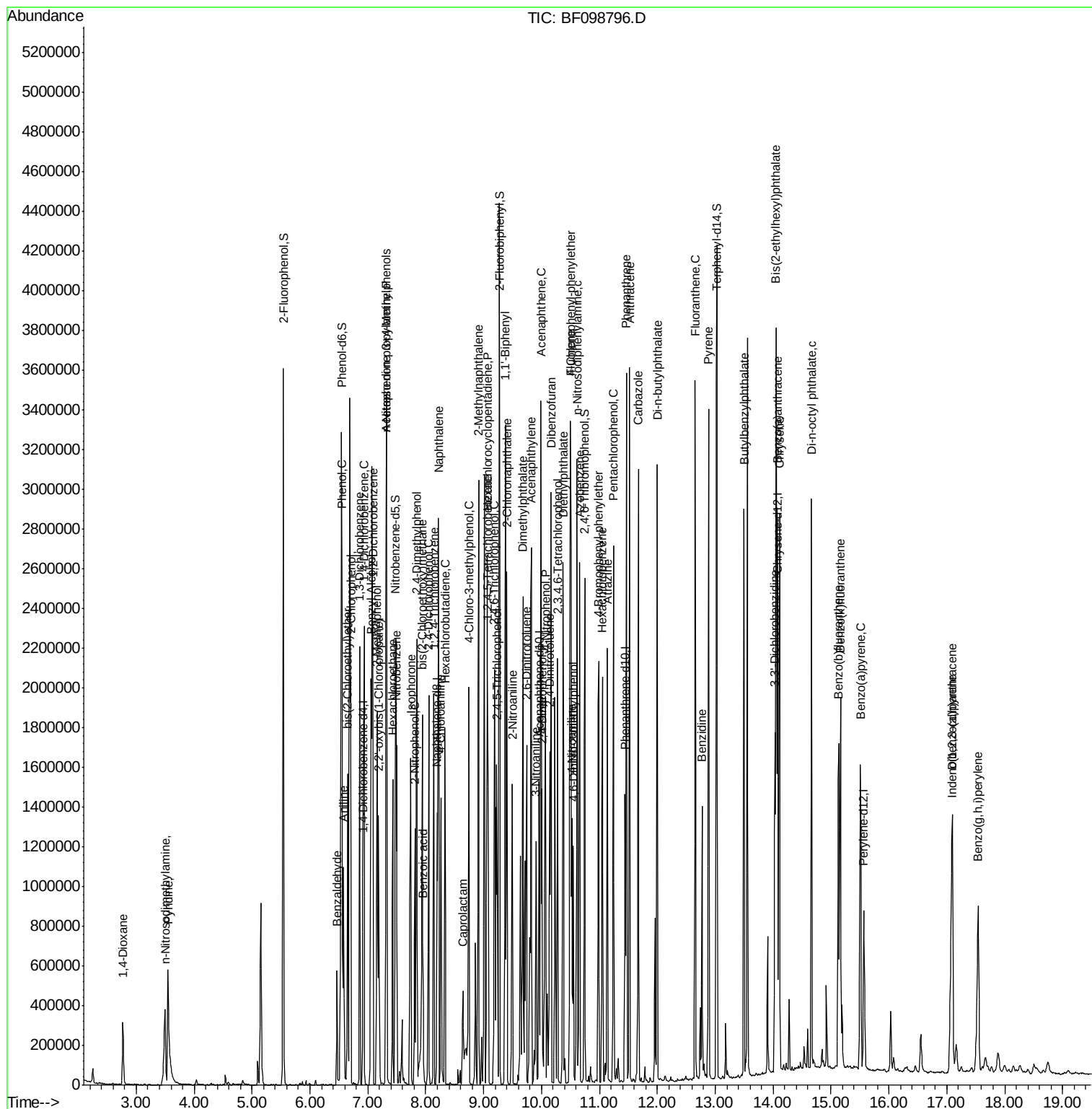
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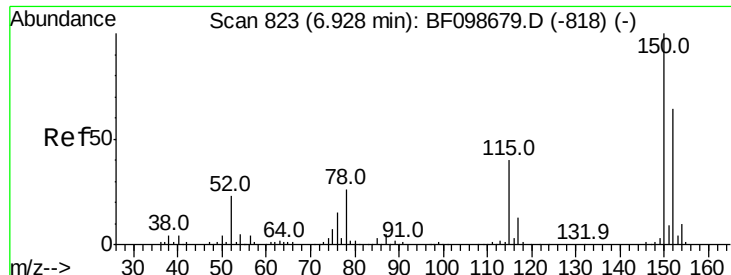
Instrument :
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#1

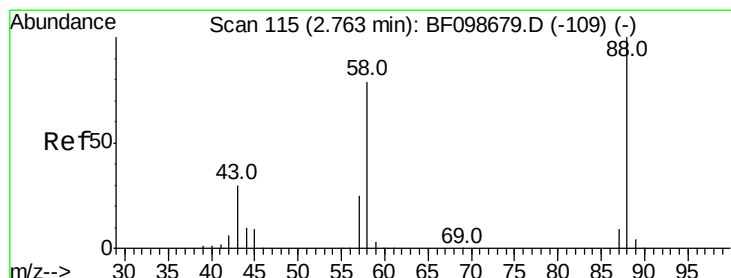
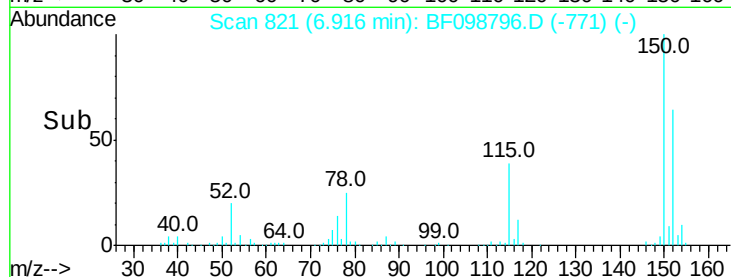
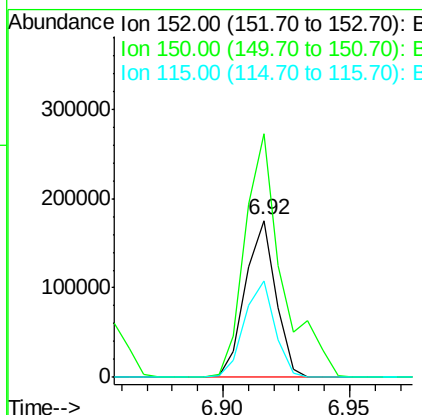
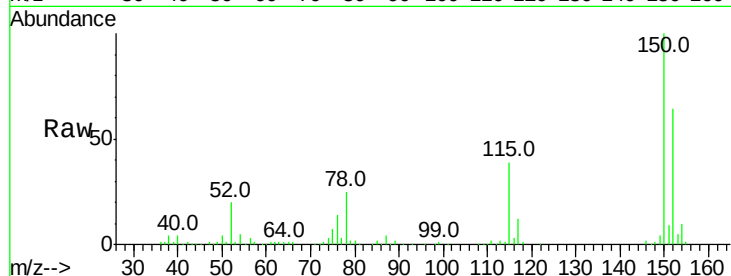
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.1	50.1	75.1

Manual Integrations
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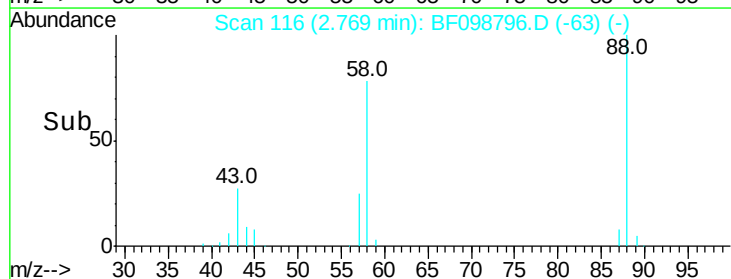
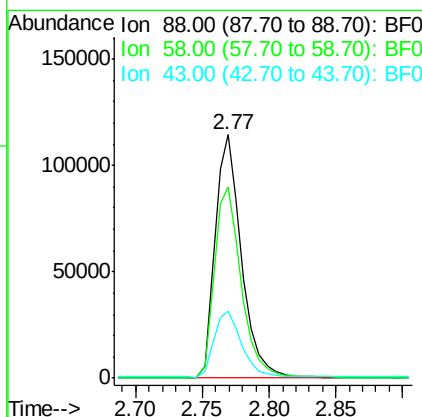
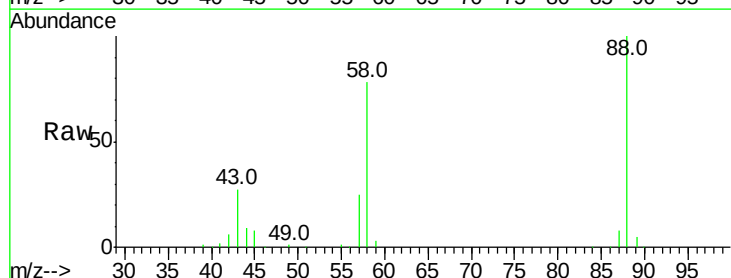
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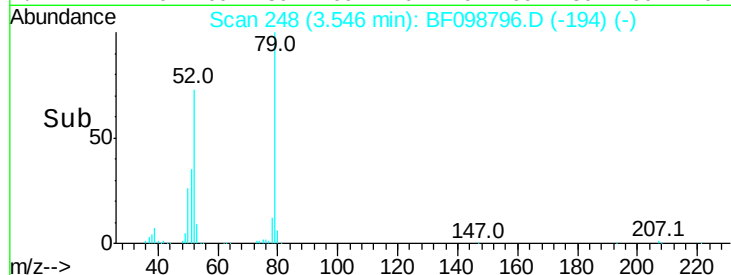
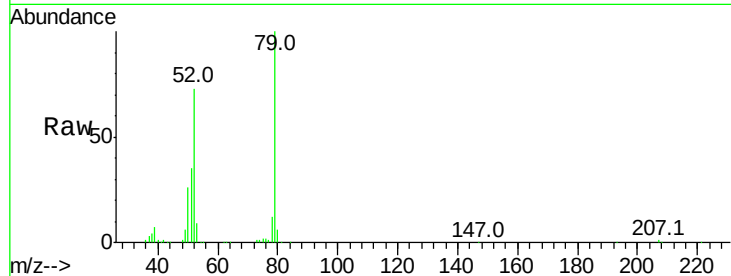
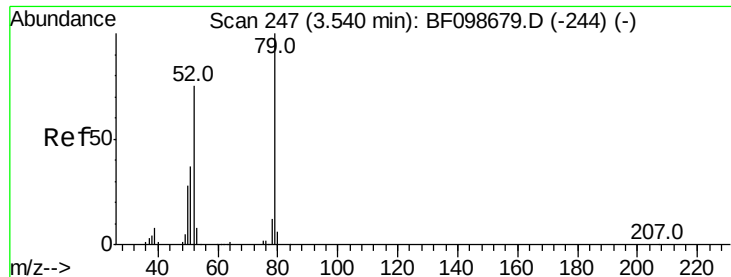


#2

1,4-Dioxane
Concen: 36.016 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	62.6	93.8
43	28.0	24.6	37.0





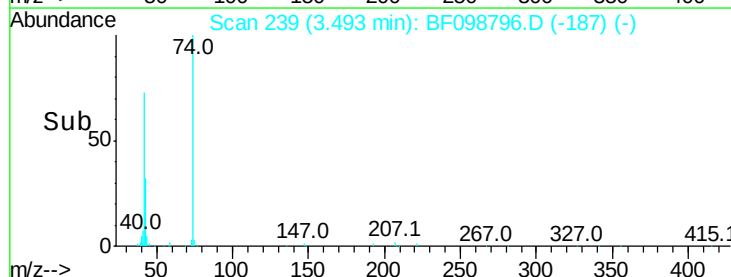
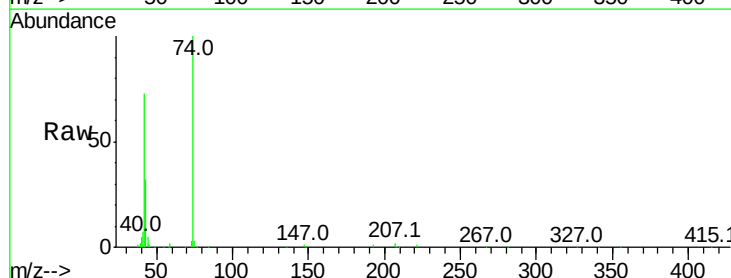
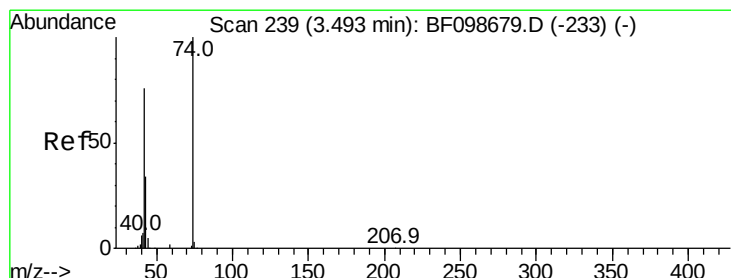
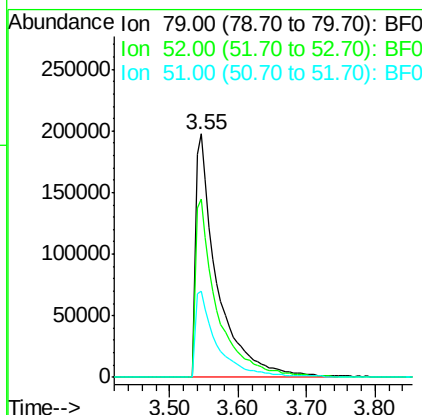
#3
 Pvridine
 Concen: 35.931 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.02 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.3	59.8	89.6
51	35.4	29.8	44.8

Instrument :
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 ClientSampleId :
 FK-PS-01-016MS

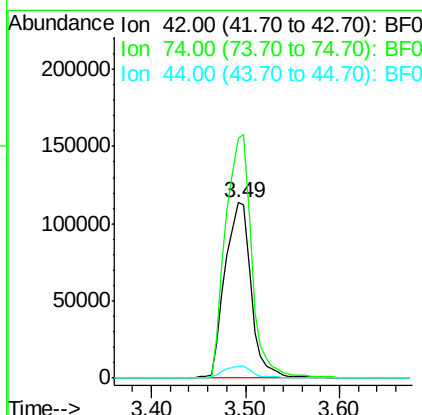
Manual Integrations
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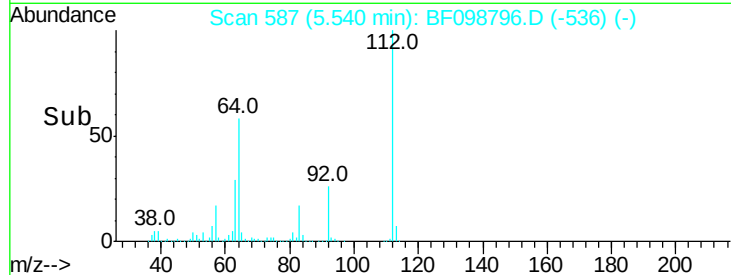
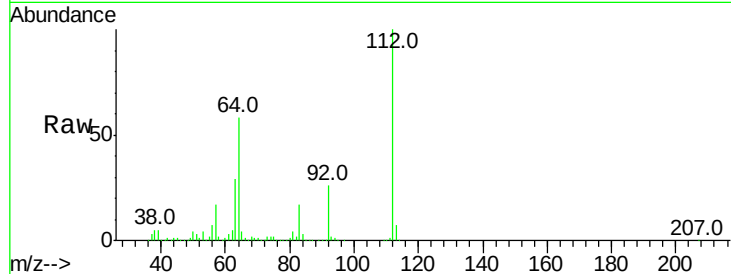
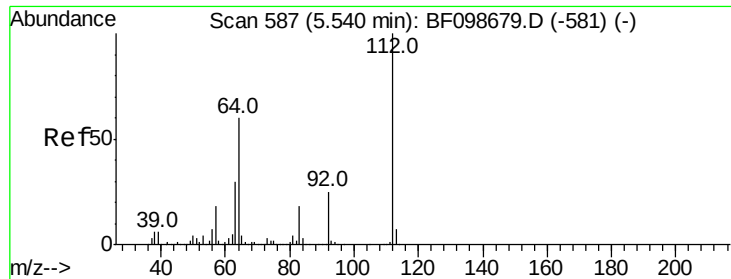
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#4
 n-Nitrosodimethylamine
 Concen: 43.657 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.6	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 124.532 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100				
64	58.1	47.9	71.9		
63	28.5	23.7	35.5		

Instrument :

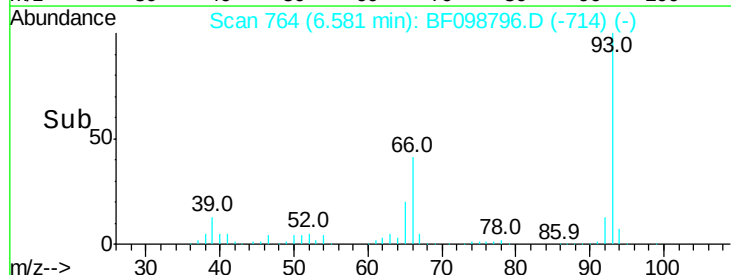
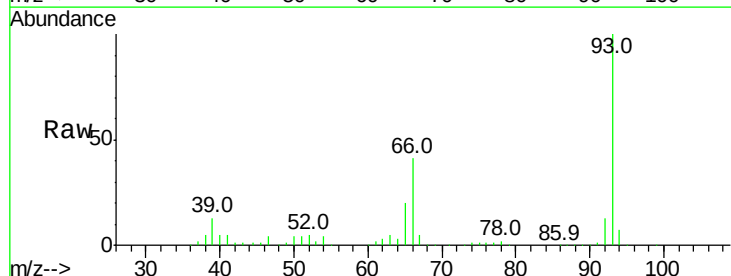
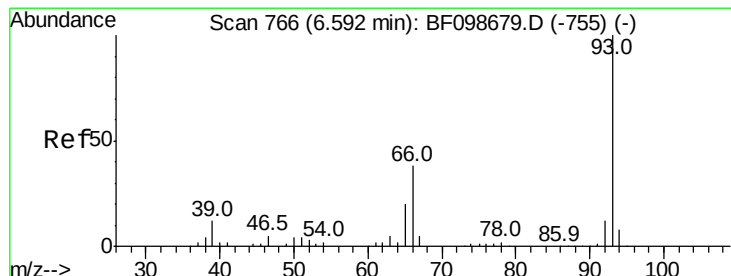
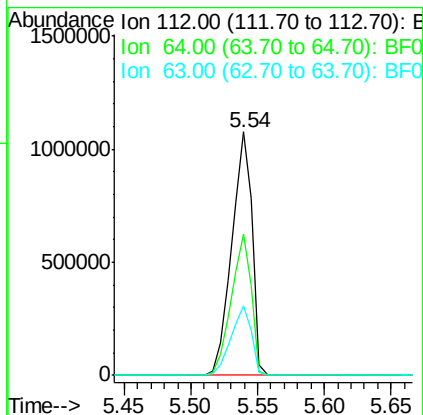
BNA_F

ClientSampleId :

FK-PS-01-016MS

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#6

Aniline

Concen: 37.773 ng

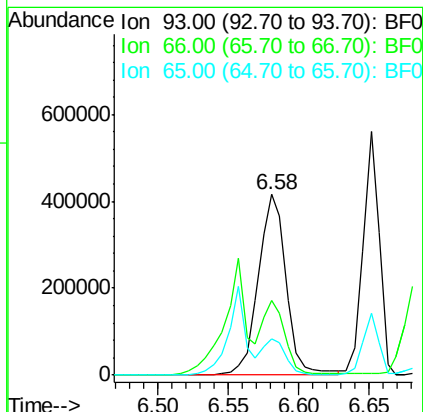
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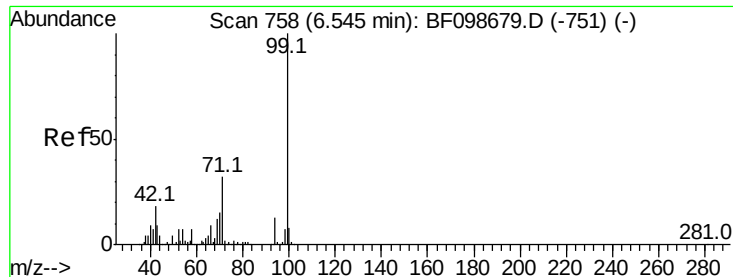
Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
66	41.0	32.2	48.2		
65	19.7	16.4	24.6		





#7

Phenol-d6

Concen: 124.487 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MS

Tot Ion: 99 Resp: 1421165

Ion Ratio Lower Upper

99 100

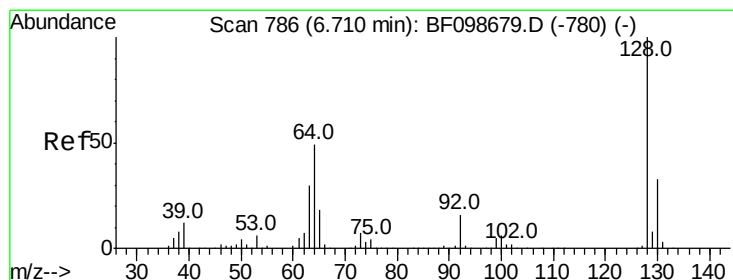
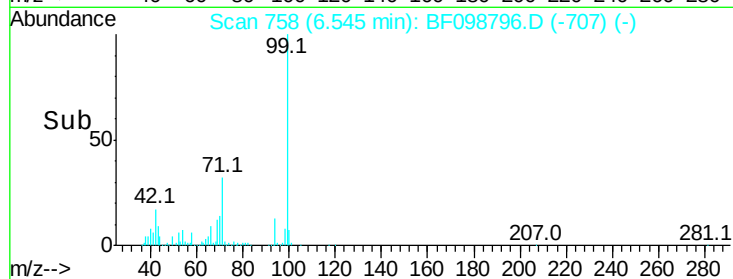
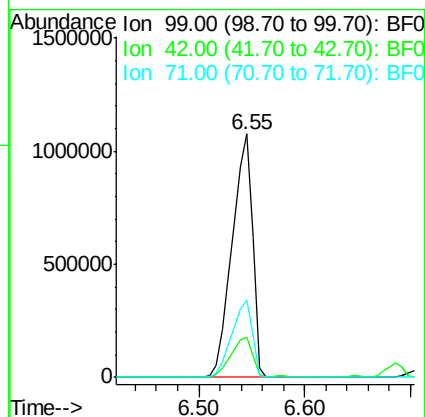
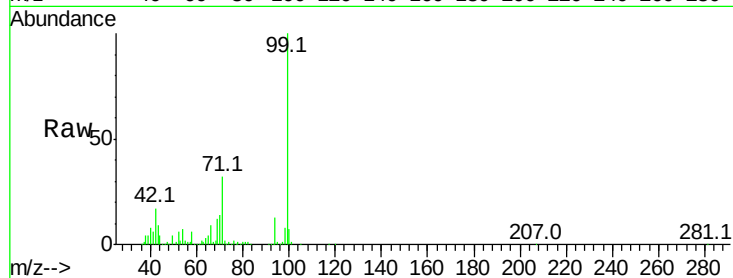
42 16.5 14.5 21.7

71 31.8 25.4 38.0

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#8

2-Chlorophenol

Concen: 43.681 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

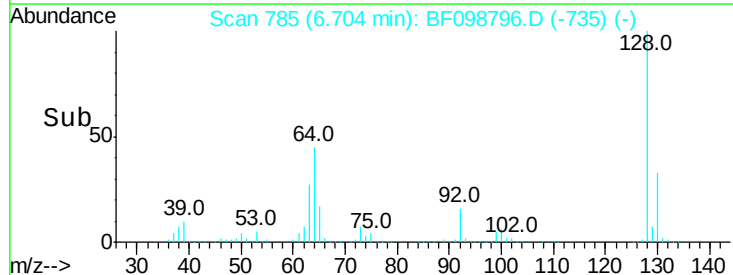
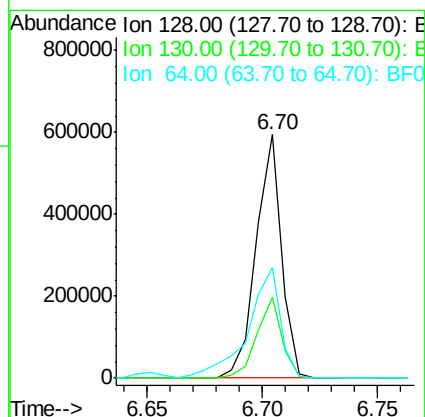
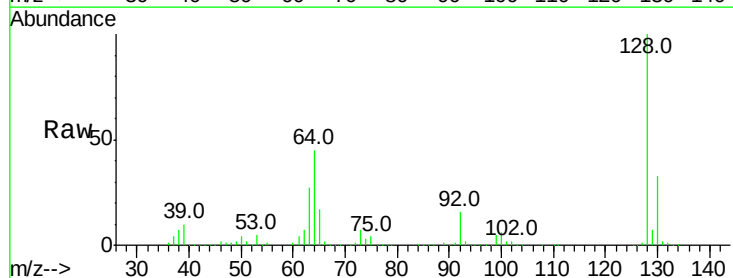
Tgt Ion: 128 Resp: 457782

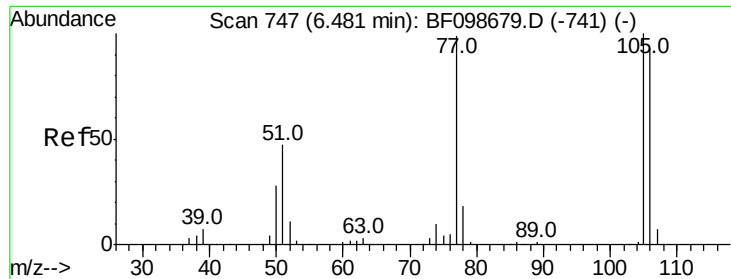
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.5 29.4 69.4





#9

Benzaldehyde

Concen: 16.969 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

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Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

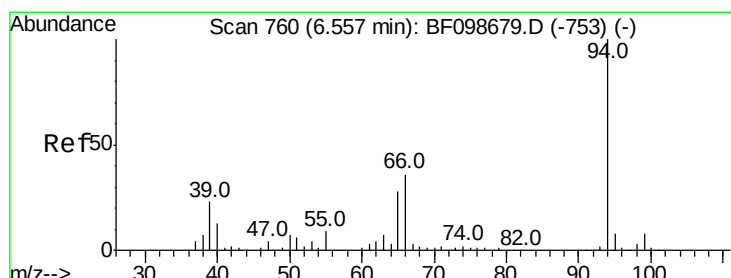
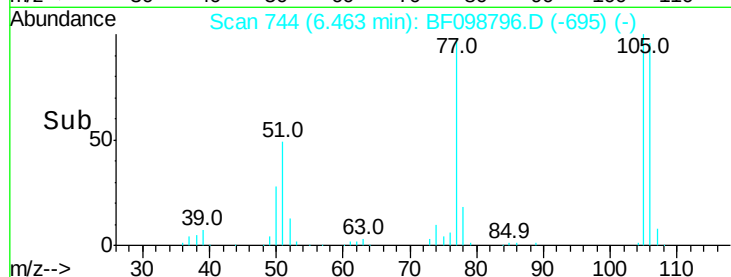
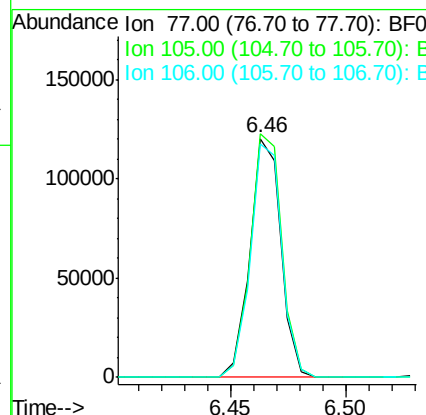
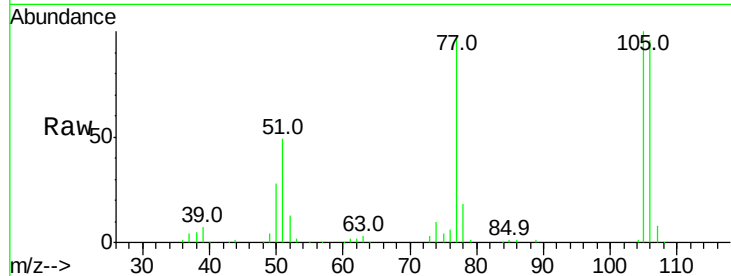
ClientSampleId :

FK-PS-01-016MS

Tot Ion:	77	Resp:	112371
Ion Ratio	Lower	Upper	
77	100		
105	101.9	81.1	121.1
106	97.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 45.935 ng

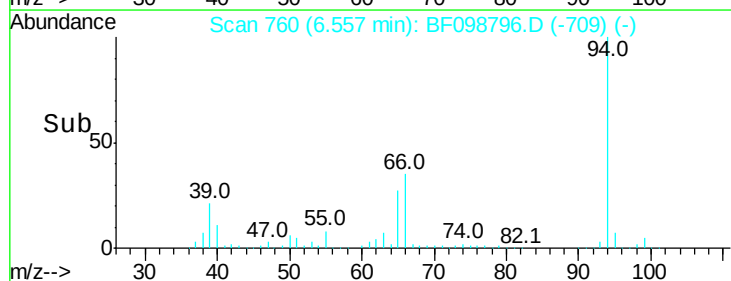
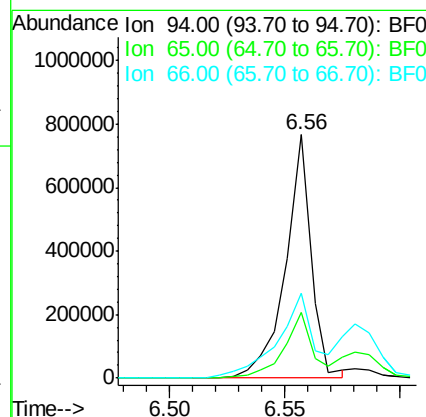
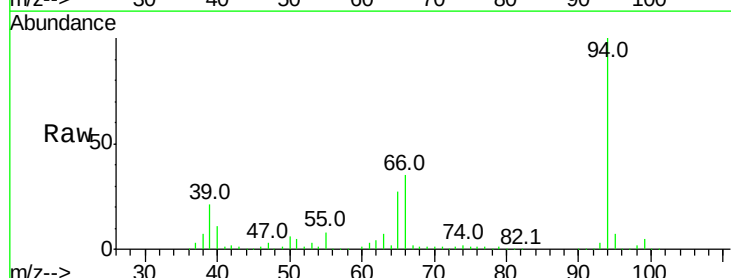
RT: 6.56 min Scan# 760

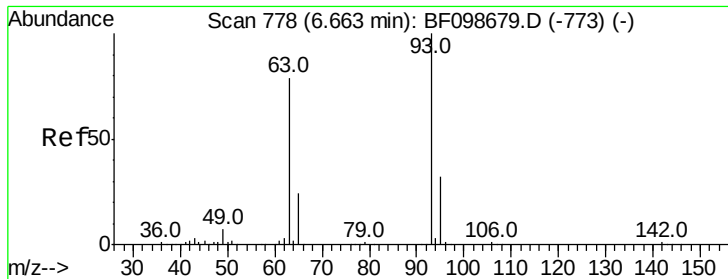
Delta R.T. -0.00 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion:	94	Resp:	586483
Ion Ratio	Lower	Upper	
94	100		
65	26.8	7.9	47.9
66	35.0	16.2	56.2





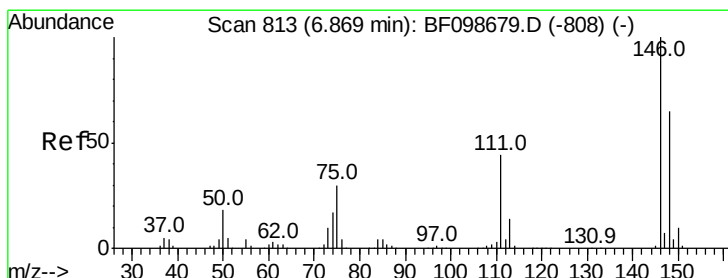
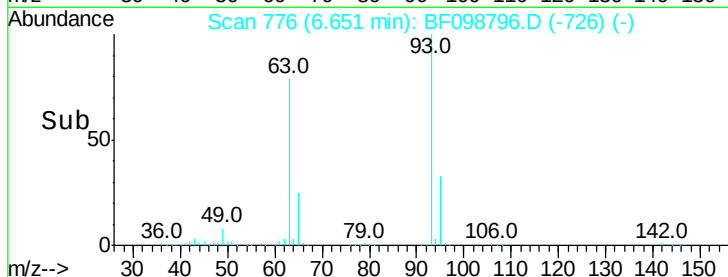
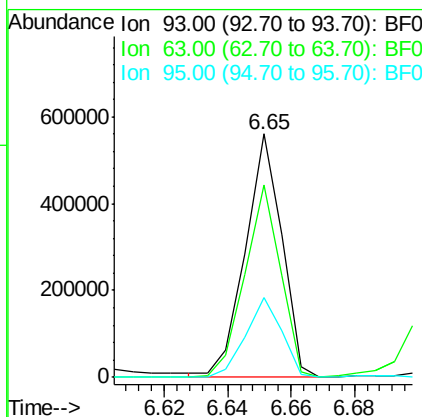
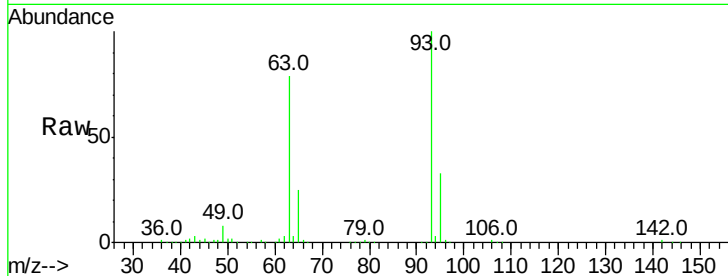
#11
bis(2-Chloroethyl)ether
Concen: 44.665 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	58.6	98.6
95	32.6	11.8	51.8

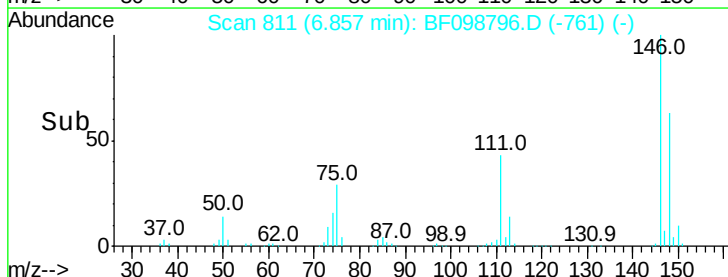
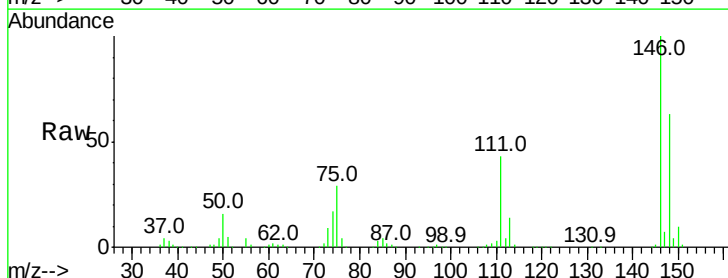
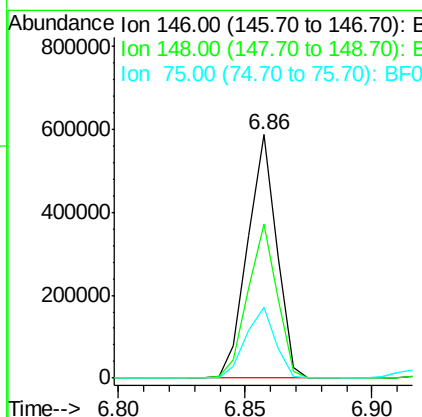
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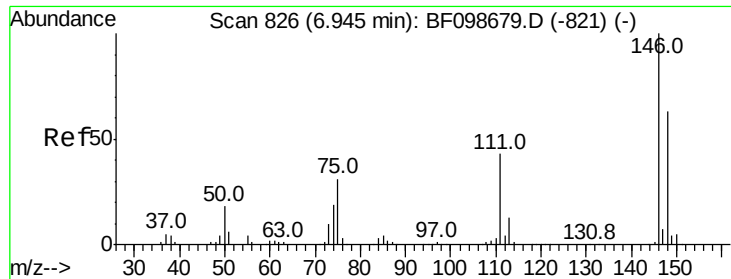
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.944 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	29.1	24.2	36.4





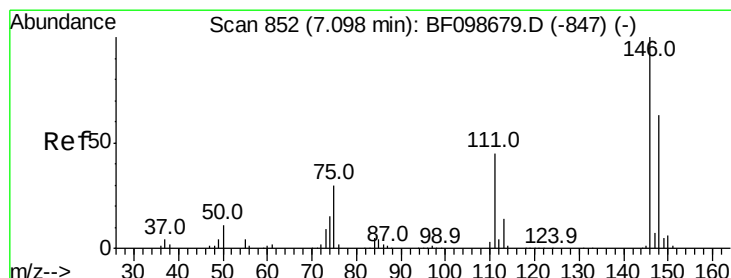
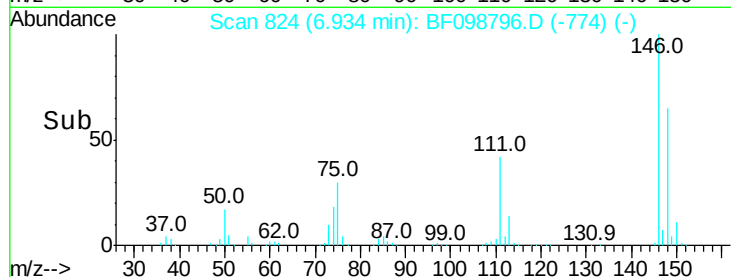
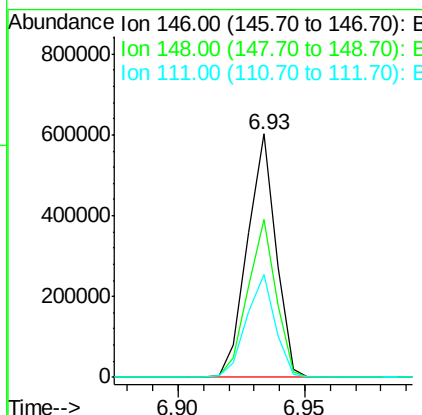
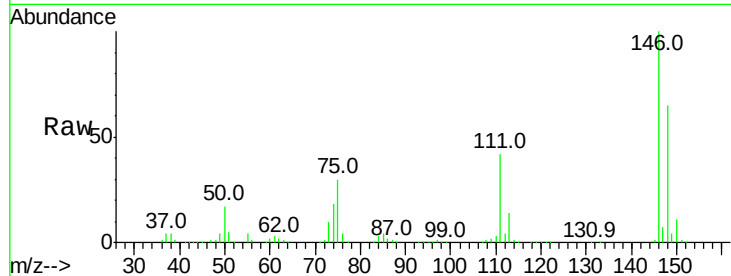
#13
 1,4-Dichlorobenzene
 Concen: 42.382 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	42.1	34.2	51.2

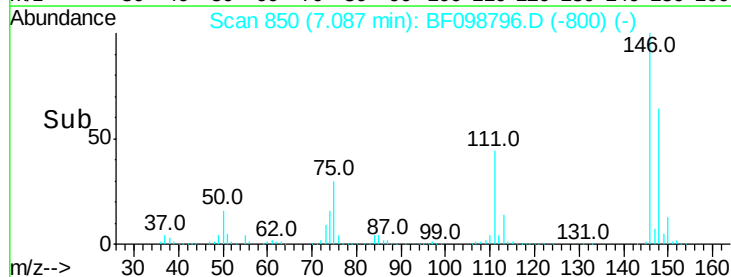
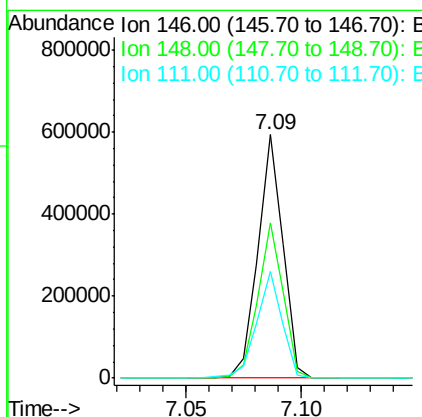
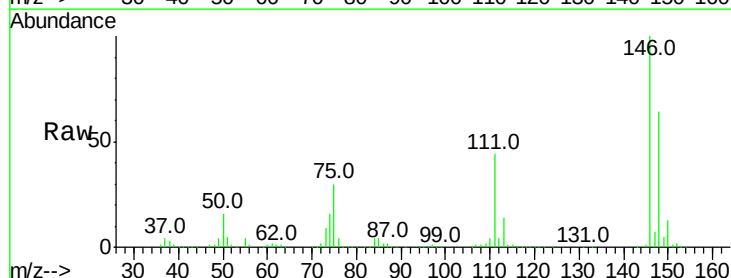
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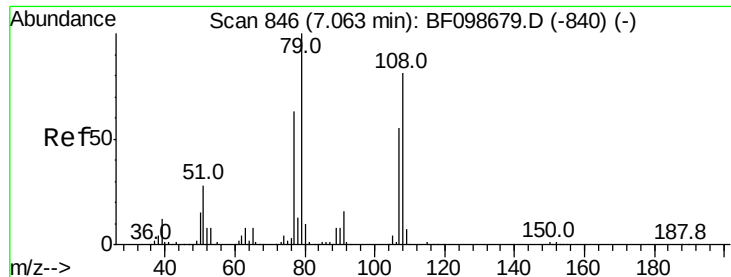
Sohil
 9/26/2017 4:58:36 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.586 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	44.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 47.902 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

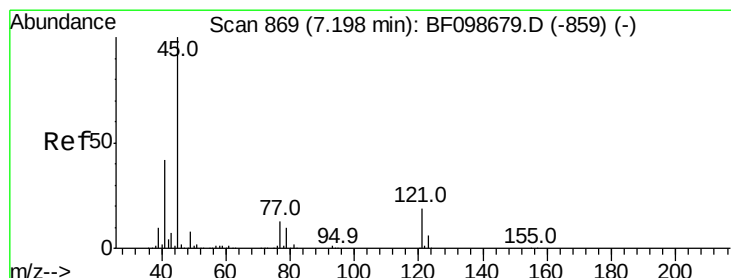
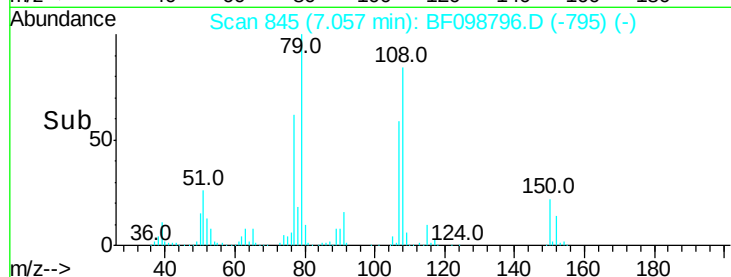
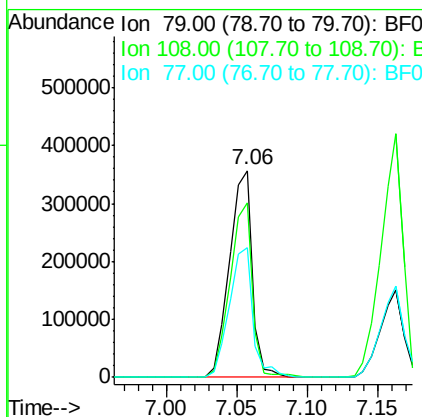
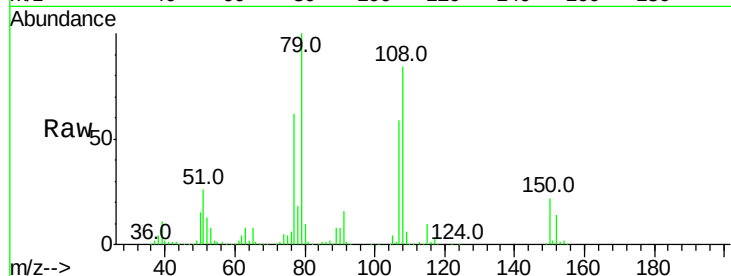
ClientSampleId :

FK-PS-01-016MS

Tot Ion:	79	Resp:	401177
Ion	Ratio	Lower	Upper
79	100		
108	84.2	65.1	97.7
77	62.5	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.617 ng

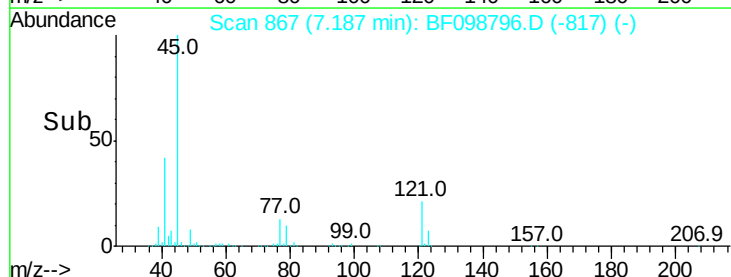
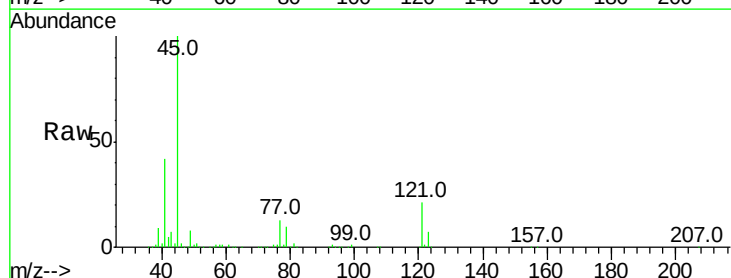
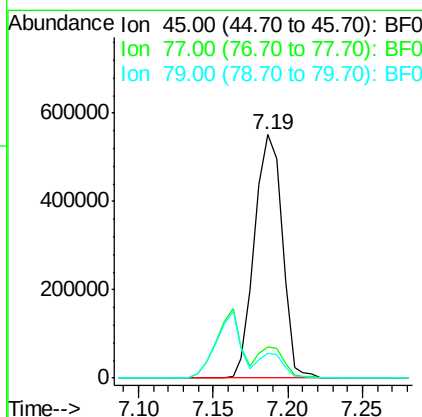
RT: 7.19 min Scan# 867

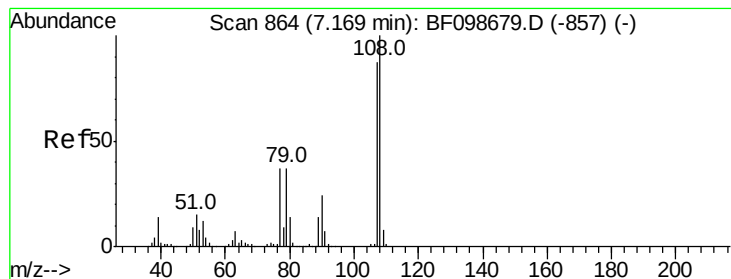
Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion:	45	Resp:	705434
Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.9
79	10.3	0.0	29.6





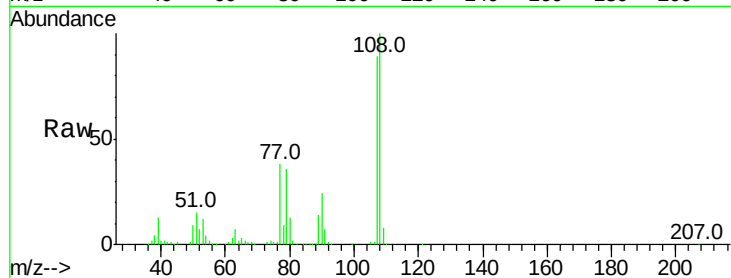
#17
2-Methylphenol
Concen: 46.718 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

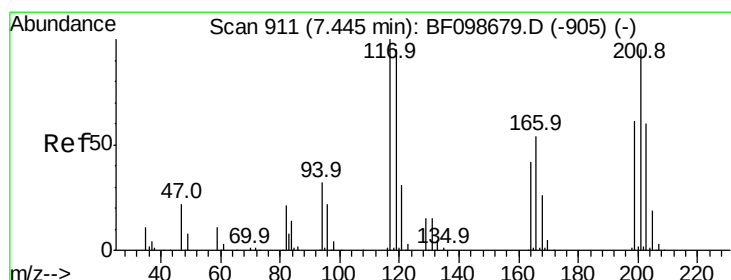
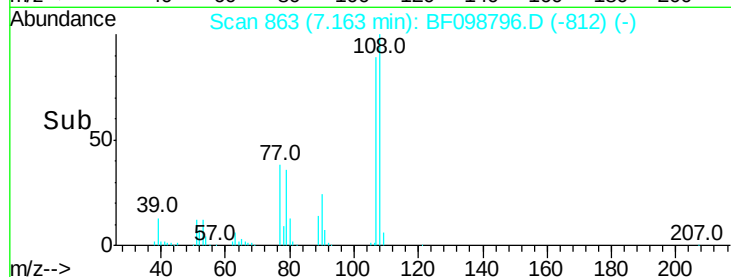
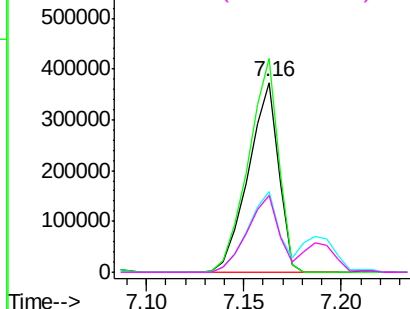
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.7	137.5	
77	42.4	33.8	50.8	
79	40.5	33.8	50.8	

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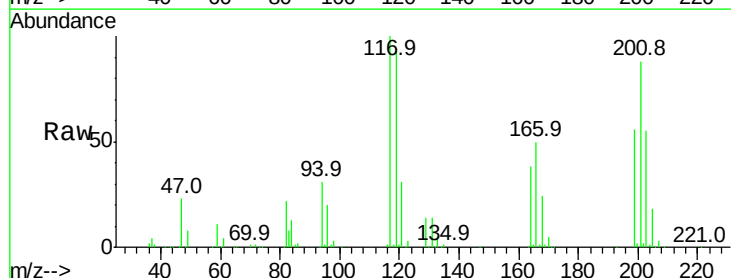


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

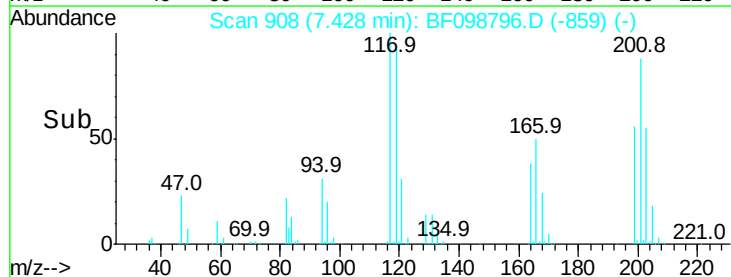
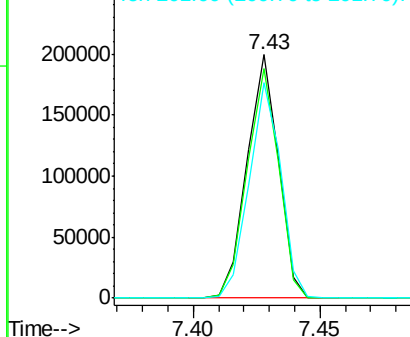


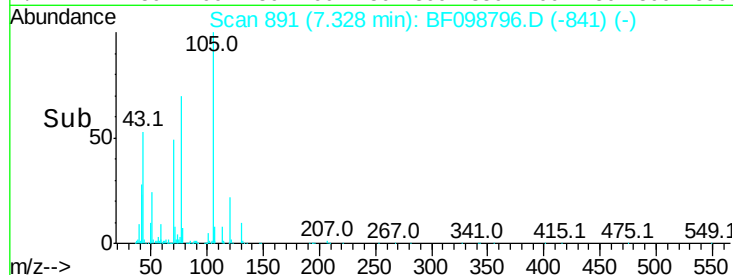
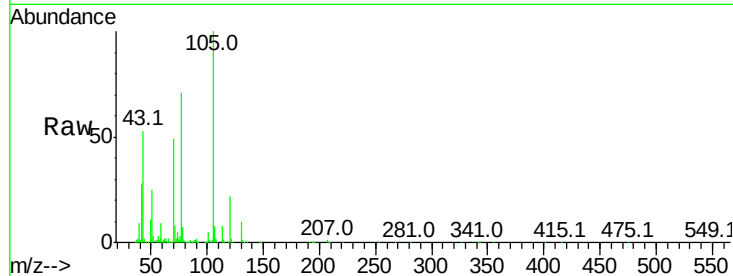
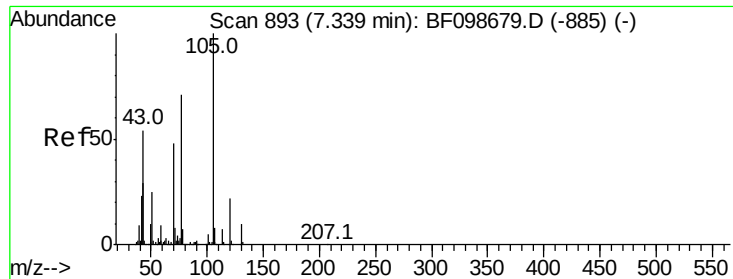
#18
Hexachloroethane
Concen: 42.844 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.8	113.8	
201	88.5	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





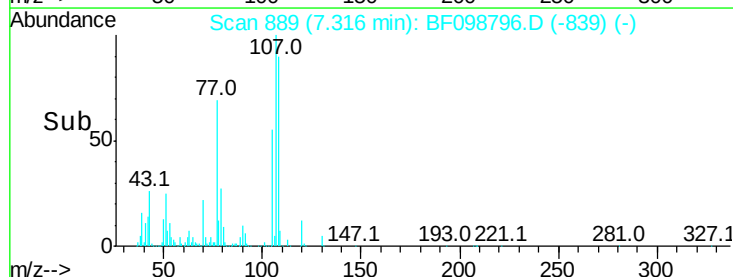
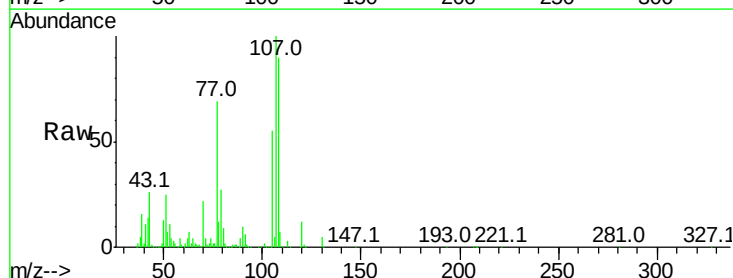
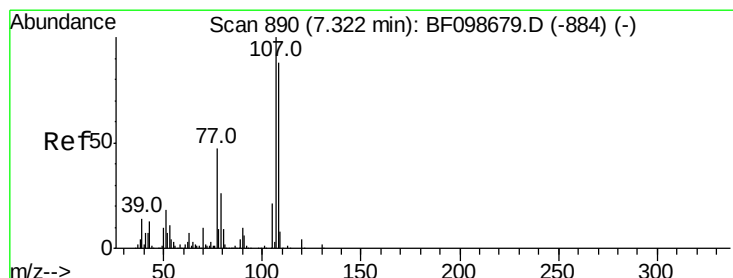
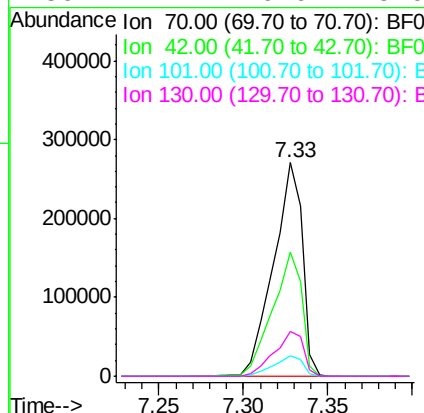
#19
n-Nitroso-di-n-propylamine
Concen: 44.109 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	70	Resp	321503
Ion Ratio	Lower	Upper	
70	100		
42	58.2	47.5	71.3
101	9.7	7.4	11.2
130	21.2	16.6	25.0

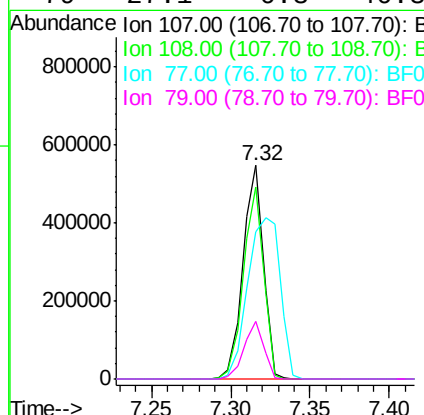
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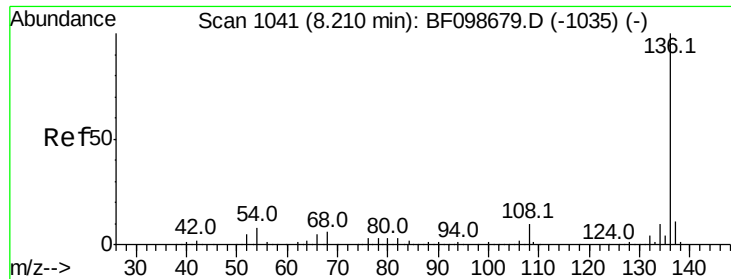
Sohil
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#20
3+4-Methylphenols
Concen: 44.944 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	107	Resp	487561
Ion Ratio	Lower	Upper	
107	100		
108	90.1	68.2	108.2
77	69.1	26.7	66.7#
79	27.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

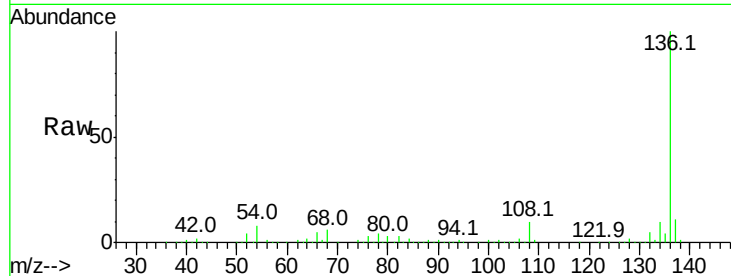
ClientSampleId :

FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	624295		
137	11.2	8.9	13.3	
54	8.0	6.6	9.8	
68	6.2	5.0	7.4	

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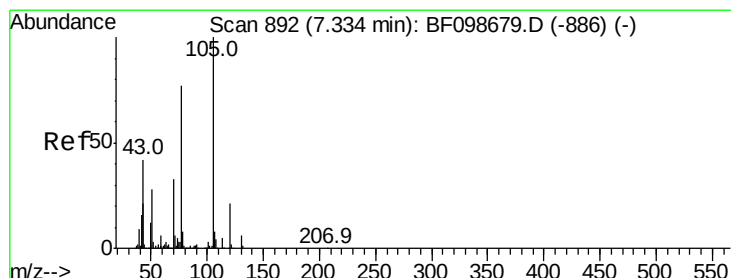
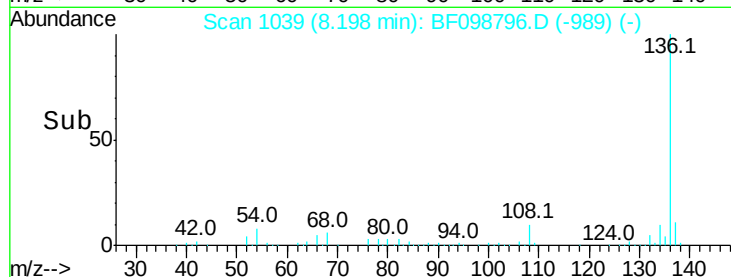
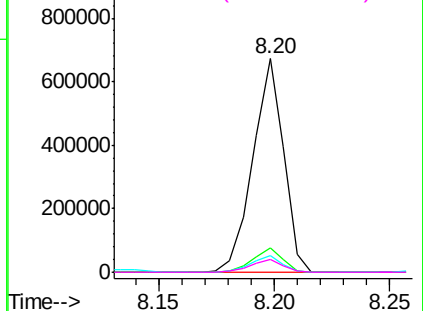
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.644 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	629896		
71	8.3	4.4	6.6#	
51	24.7	22.3	33.5	
120	21.7	16.9	25.3	

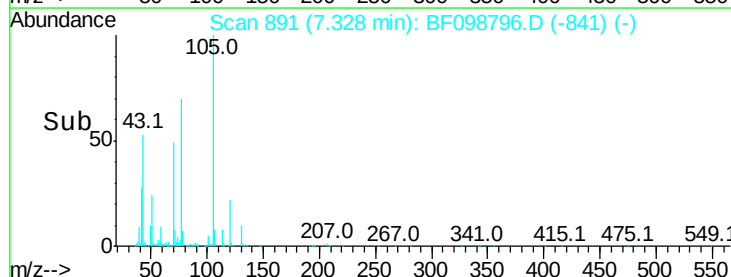
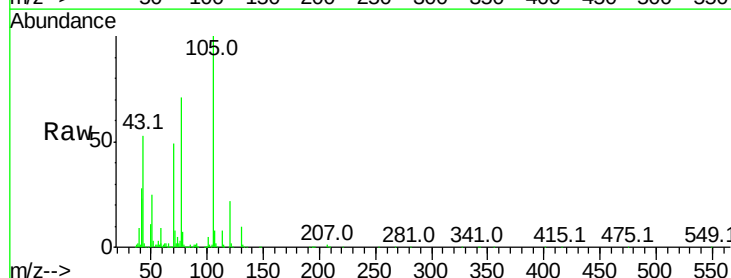
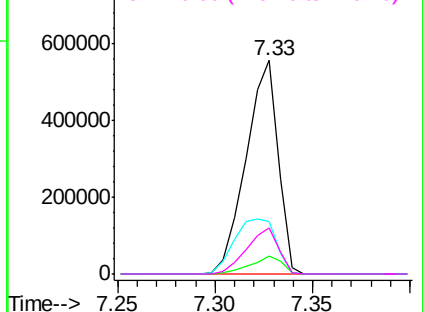
Abundance

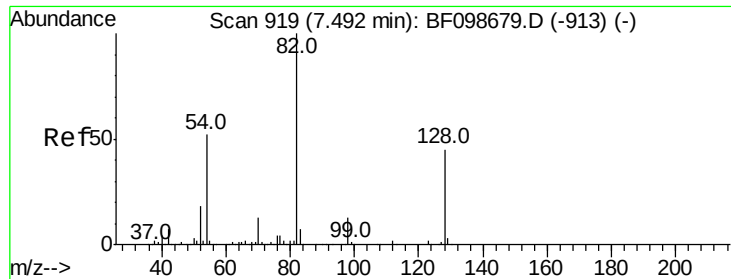
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





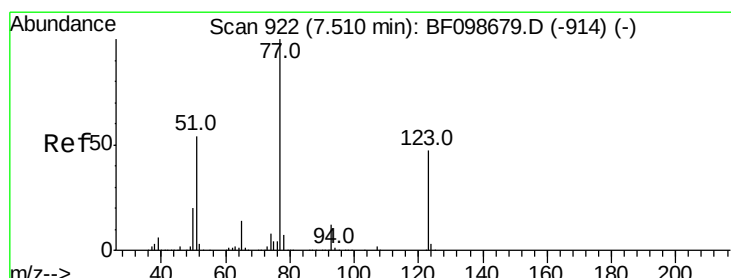
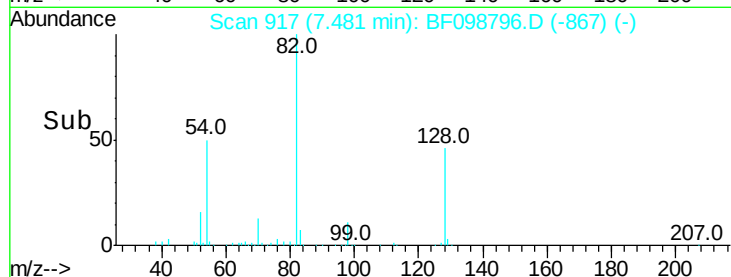
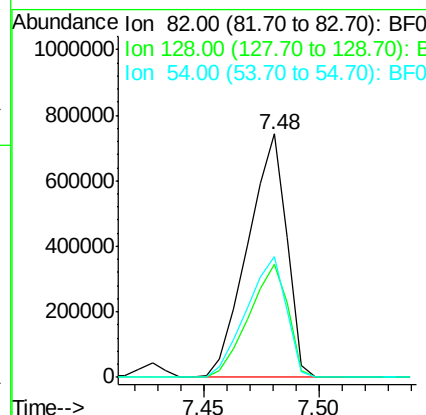
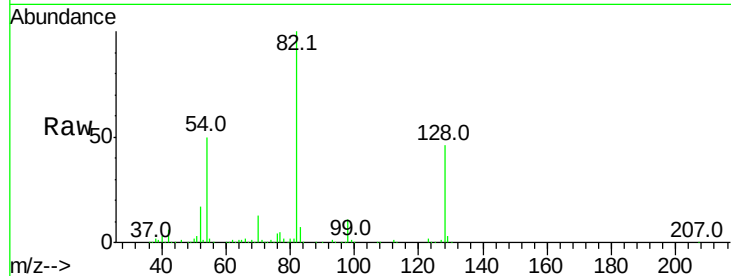
#23
Nitrobenzene-d5
Concen: 89.514 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	871407		
128	46.2	36.1	54.1	
54	49.8	41.4	62.2	

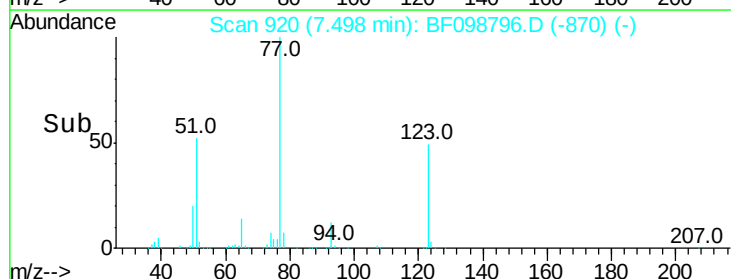
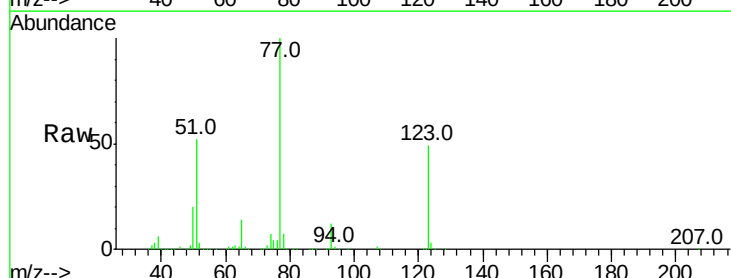
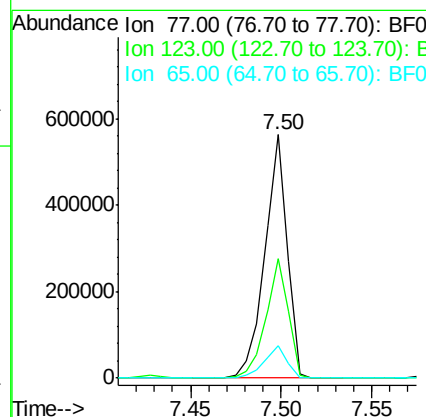
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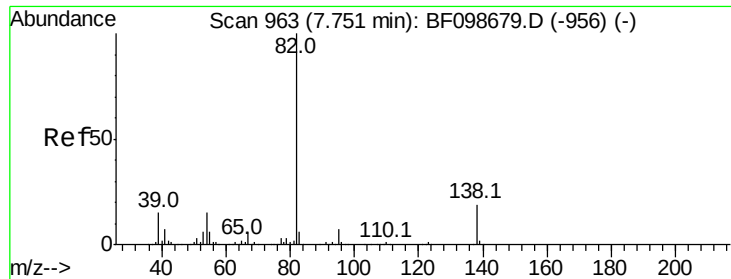
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#24
Nitrobenzene
Concen: 43.846 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	484187		
123	49.2	37.9	56.9	
65	13.5	11.0	16.4	





#25

Isophorone

Concen: 45.637 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

ClientSampleId :

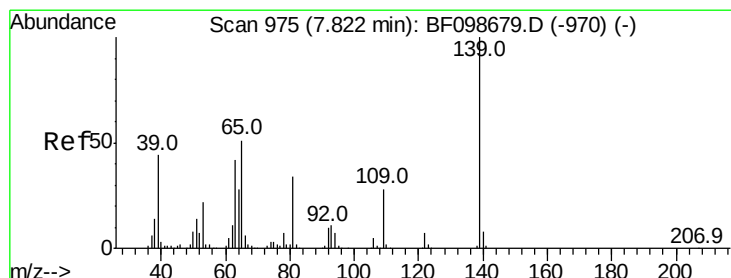
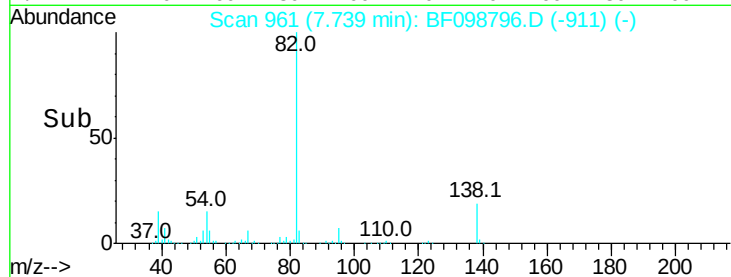
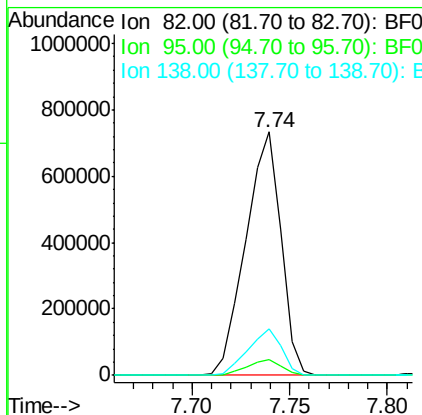
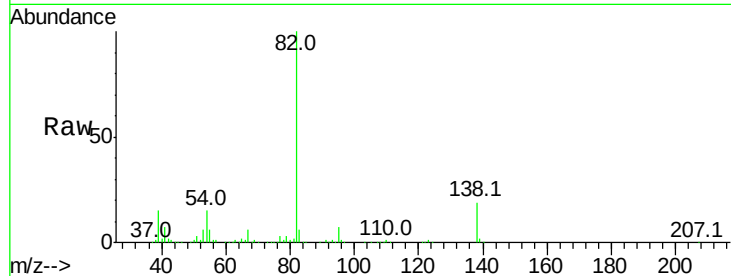
FK-PS-01-016MS

Tot Ion:	82	Resp:	918534
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.041 ng

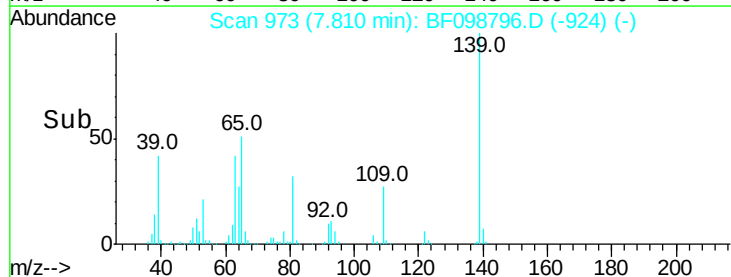
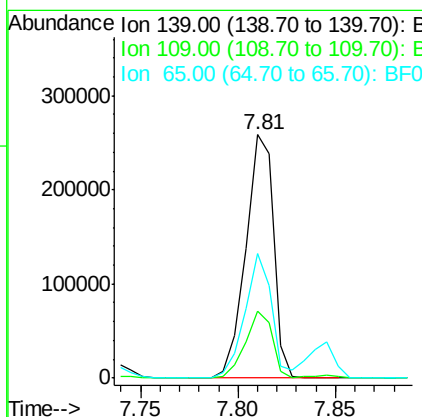
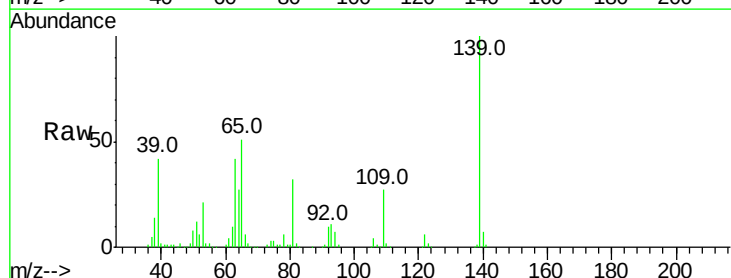
RT: 7.81 min Scan# 973

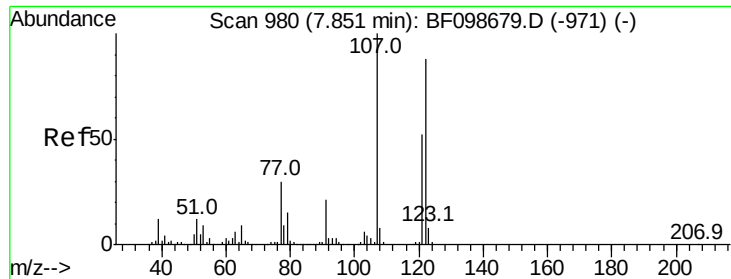
Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion:	139	Resp:	255112
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.7	34.1
65	51.0	40.5	60.7





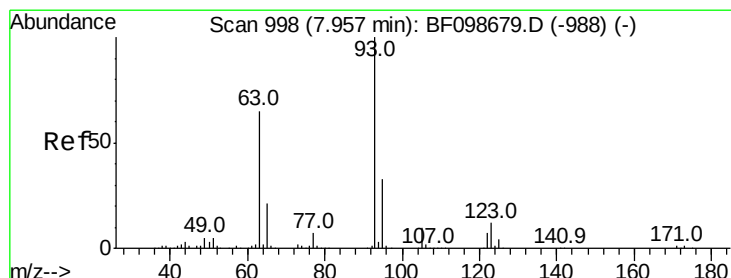
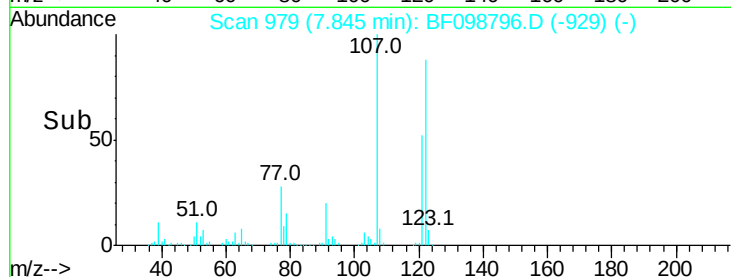
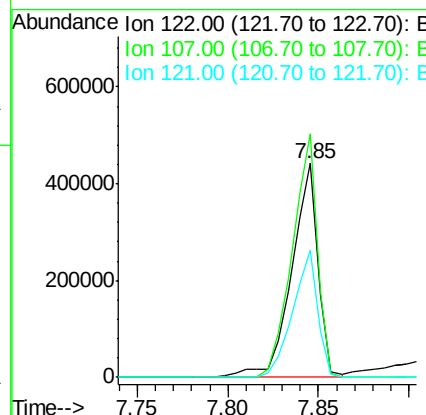
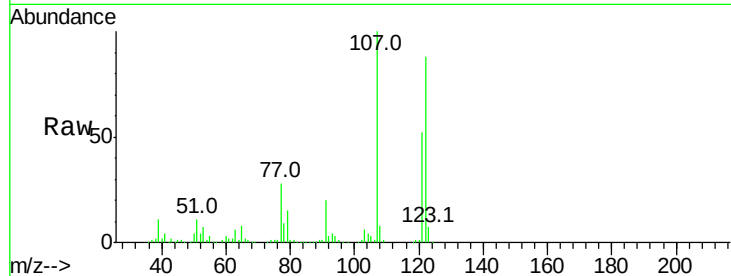
#27
 2,4-Dimethylphenol
 Concen: 44.910 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	450380		
107	113.7	91.2	136.8	
121	59.2	47.2	70.8	

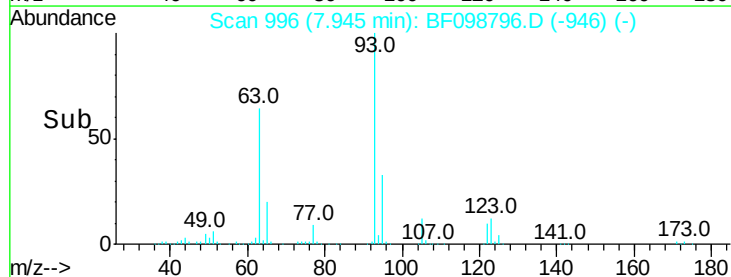
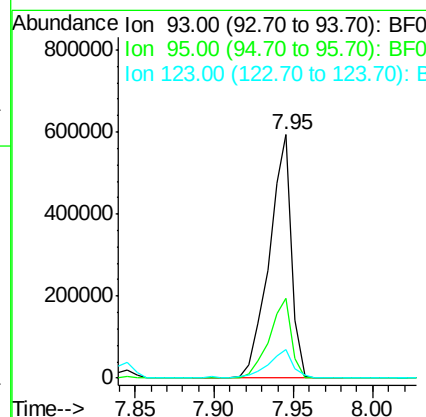
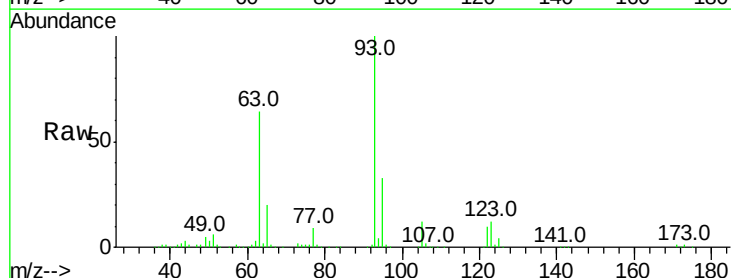
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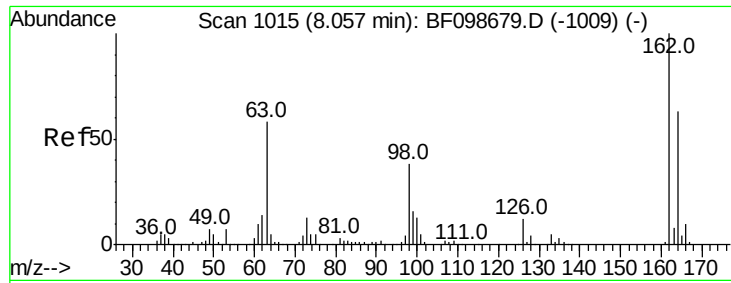
Sohil
 9/26/2017 4:58:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.354 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	581411		
95	32.6	26.3	39.5	
123	11.8	9.8	14.6	





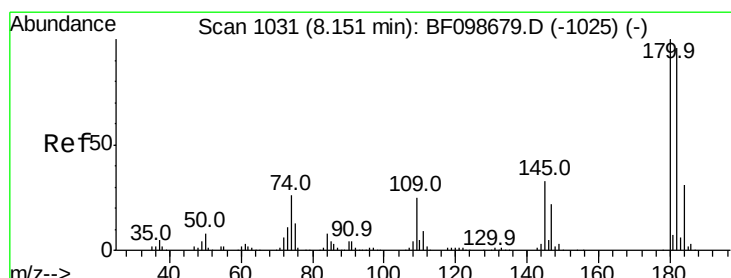
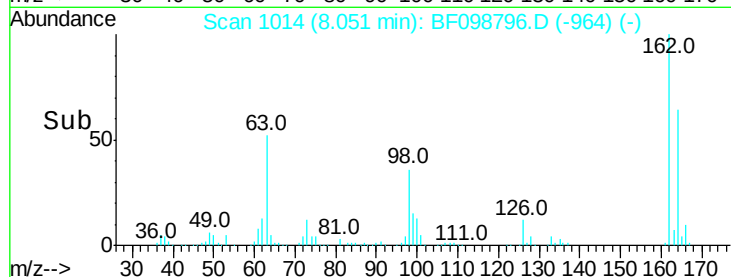
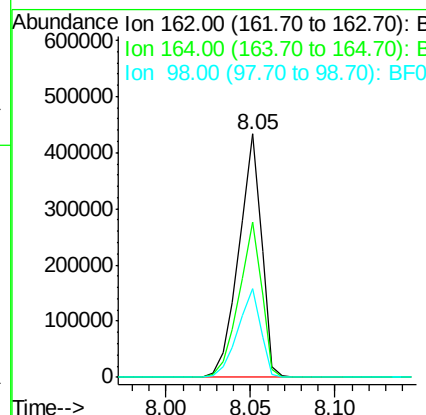
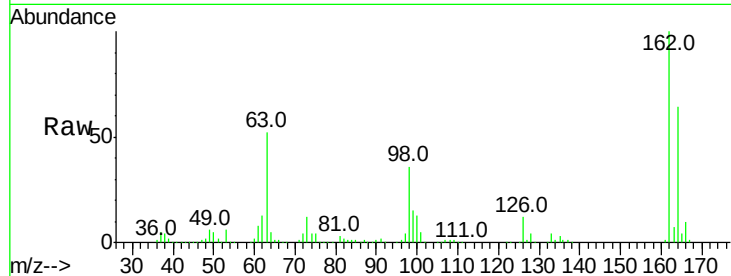
#29
 2,4-Dichlorophenol
 Concen: 46.985 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		404555		
164	63.9	42.7	82.7		
98	36.2	18.1	58.1		

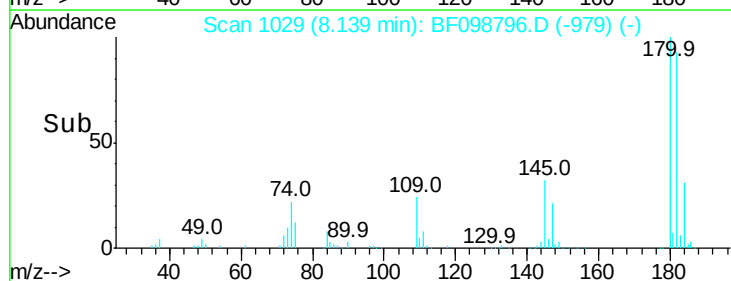
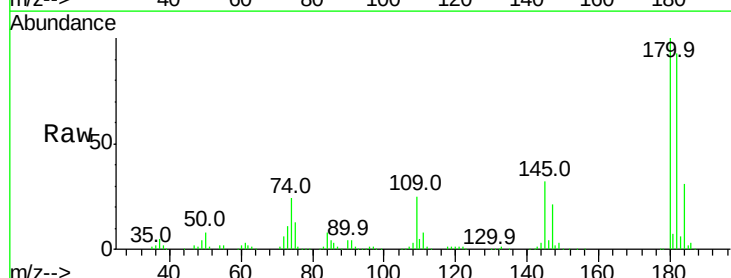
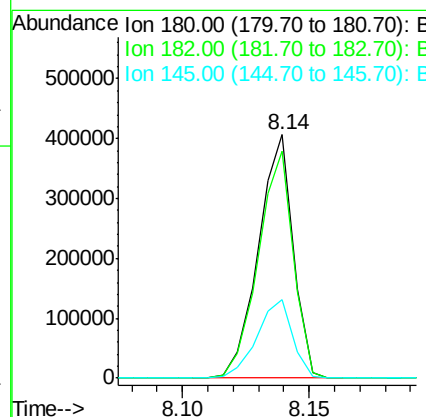
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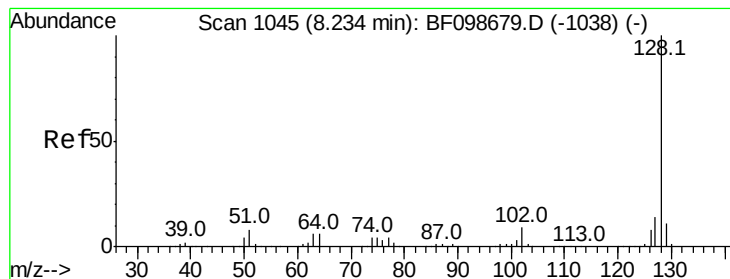
Sohil
 9/26/2017 4:58:36 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.859 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		386309		
182	93.4	76.8	115.2		
145	32.3	26.5	39.7		





#31

Naphthalene

Concen: 44.554 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MS

Tot Ion:128 Resp: 1306365

Ion Ratio Lower Upper

128 100

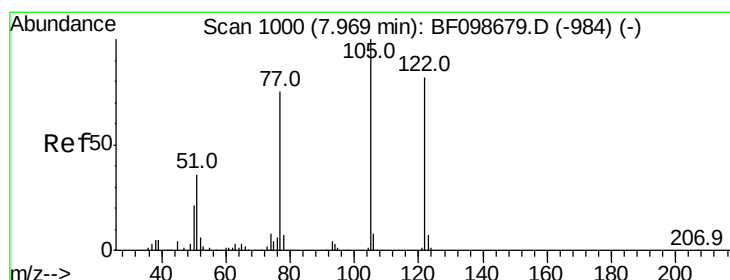
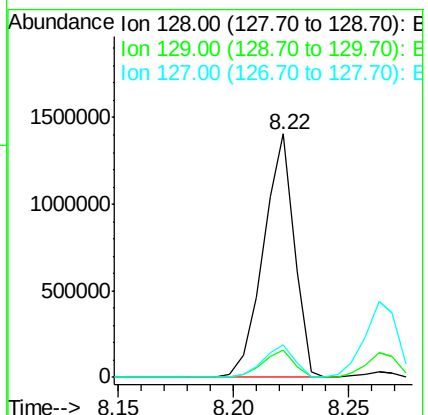
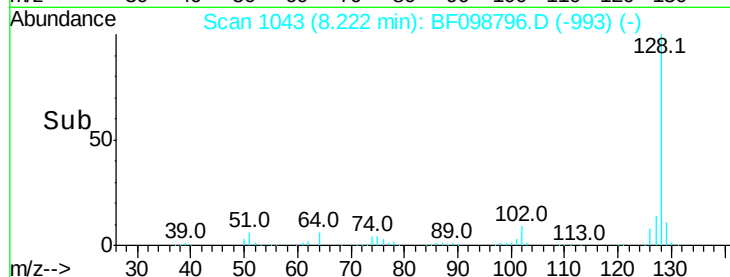
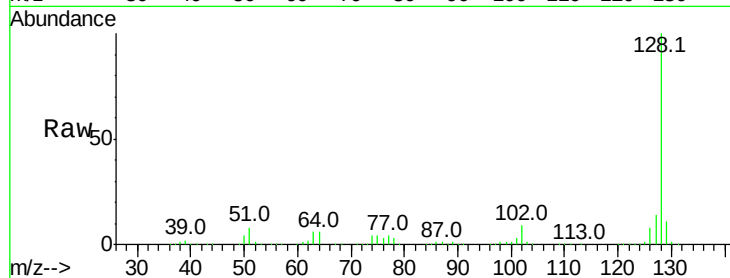
129 11.3 8.8 13.2

127 13.5 10.9 16.3

Manual Integrations
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#32

Benzoic acid

Concen: 27.546 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

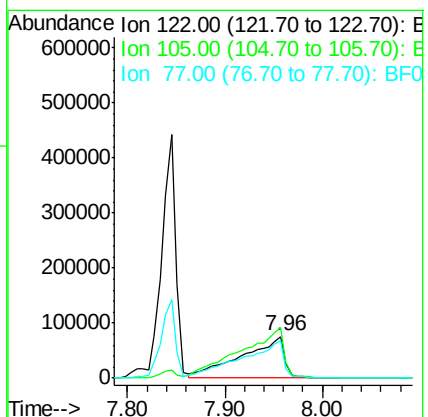
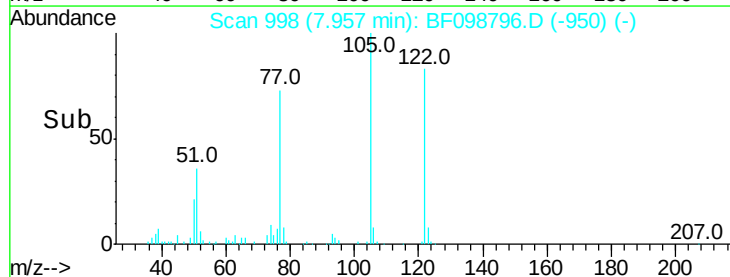
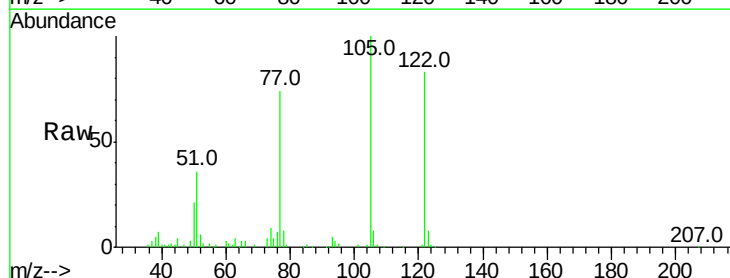
Tgt Ion:122 Resp: 226914

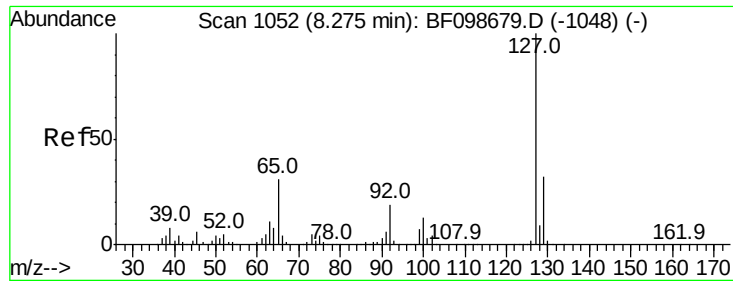
Ion Ratio Lower Upper

122 100

105 120.7 101.1 141.1

77 88.7 70.7 110.7





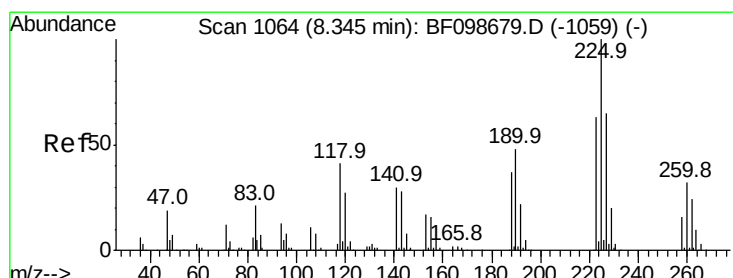
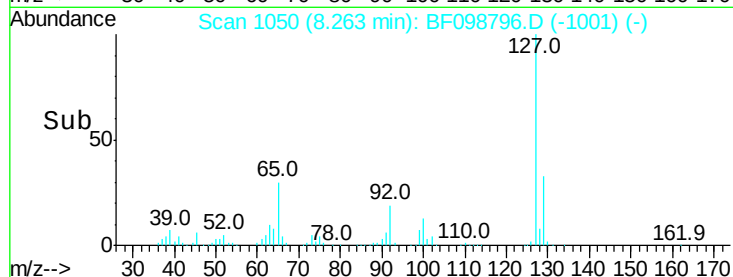
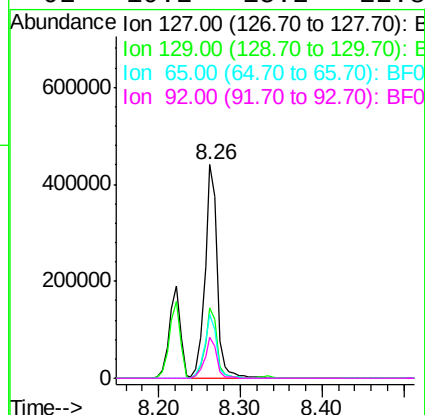
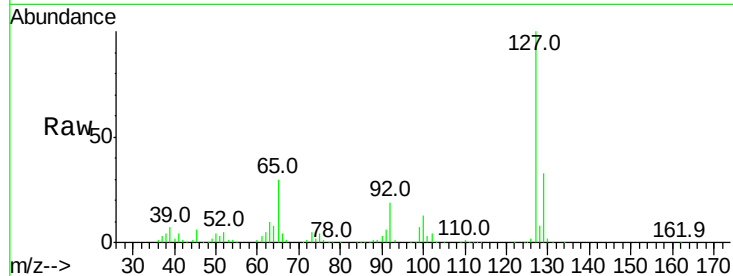
#33
 4-Chloroaniline
 Concen: 37.604 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		460436		
129	32.9	25.9	38.9		
65	30.2	25.0	37.4		
92	19.2	15.2	22.8		

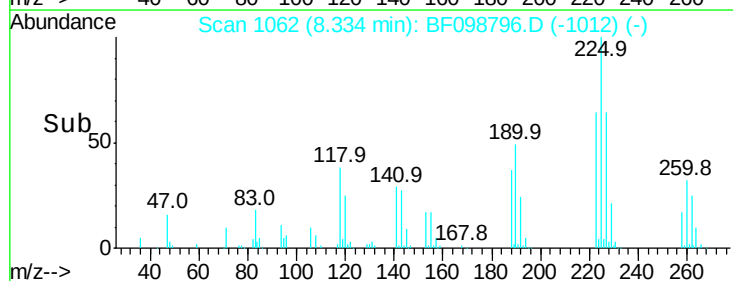
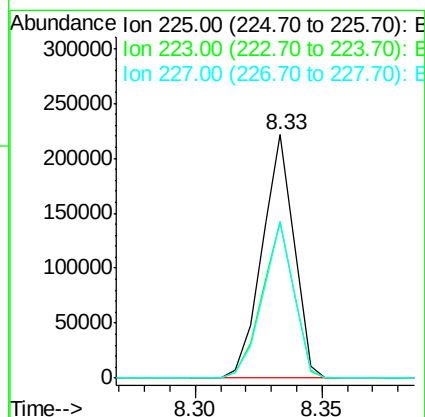
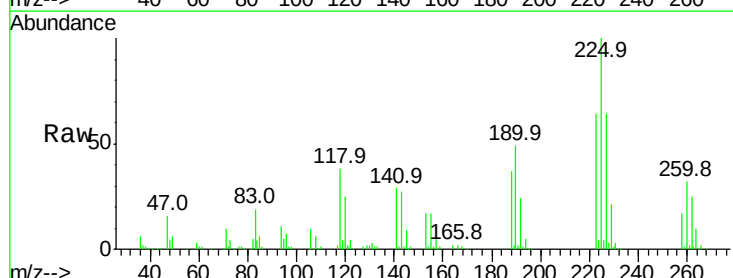
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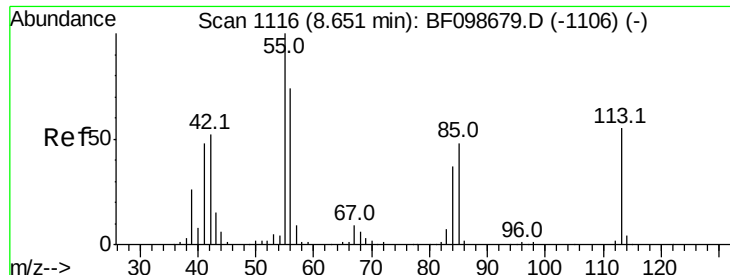
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#34
 Hexachlorobutadiene
 Concen: 43.448 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		192716		
223	64.1	50.6	76.0		
227	64.4	51.9	77.9		





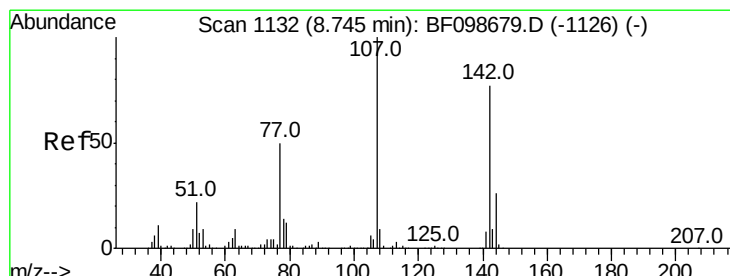
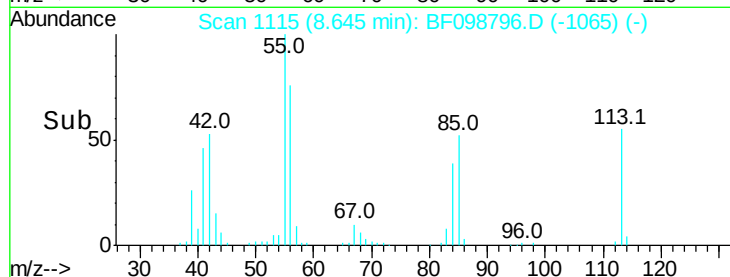
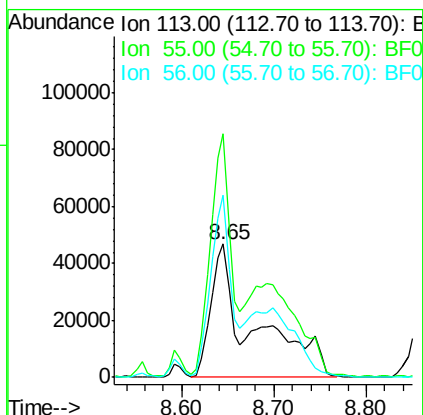
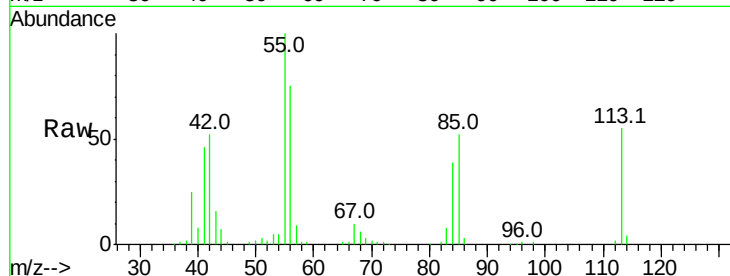
#35
 Caprolactam
 Concen: 53.169 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.0	163.3	203.3
56	137.4	115.7	155.7

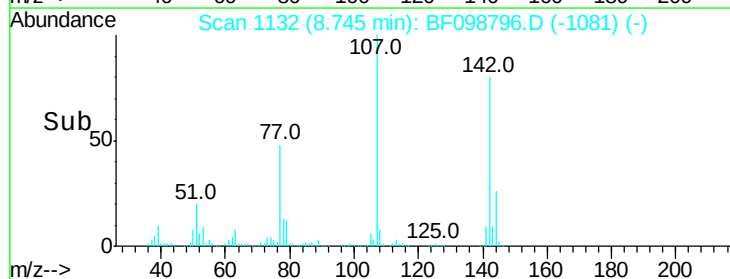
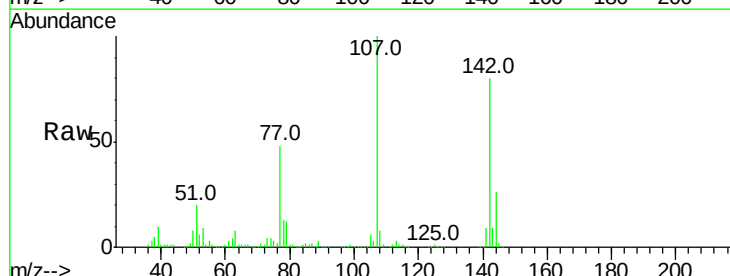
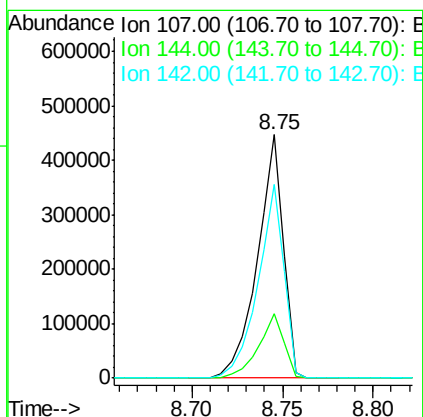
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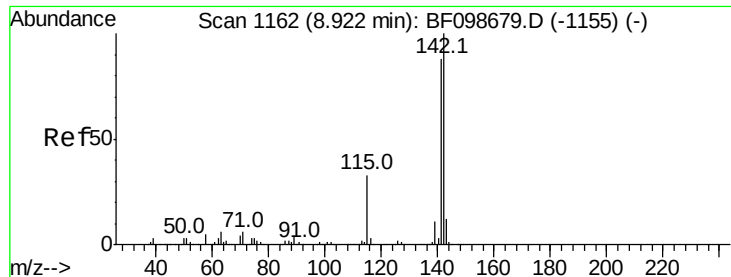
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#36
 4-Chloro-3-methylphenol
 Concen: 45.913 ng/ml
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	79.5	62.0	93.0





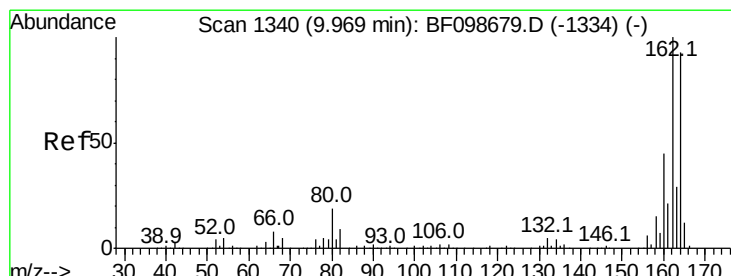
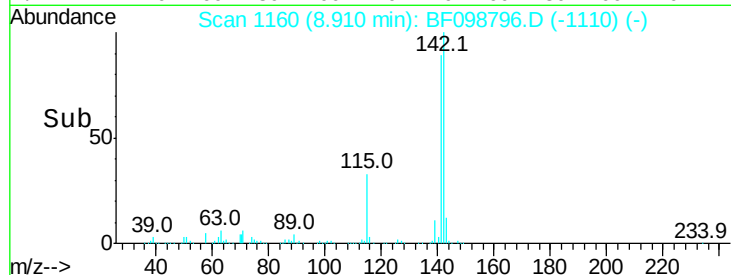
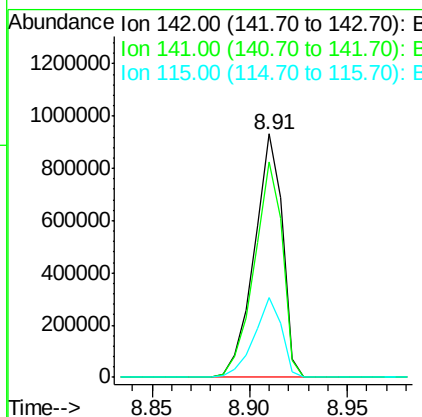
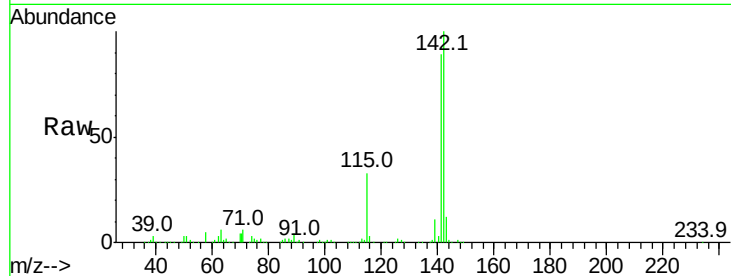
#37
2-Methylnaphthalene
Concen: 48.746 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.6	26.1	39.1

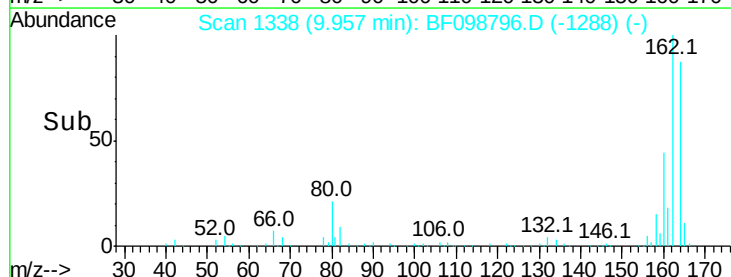
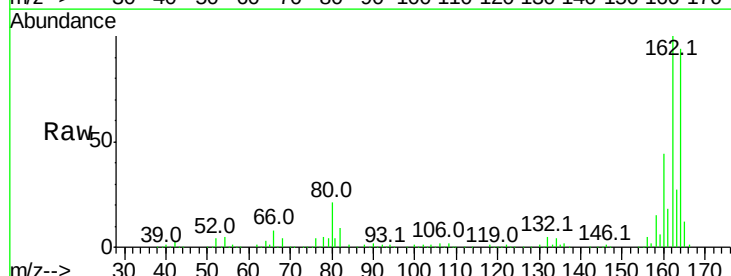
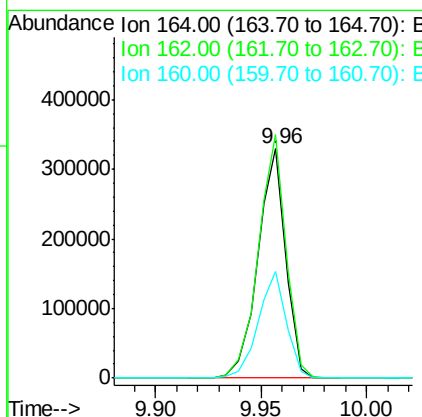
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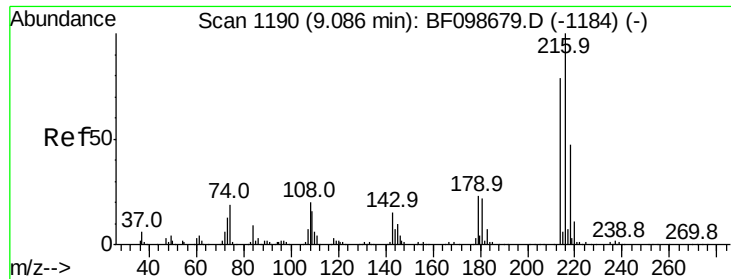
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	46.6	38.3	57.5





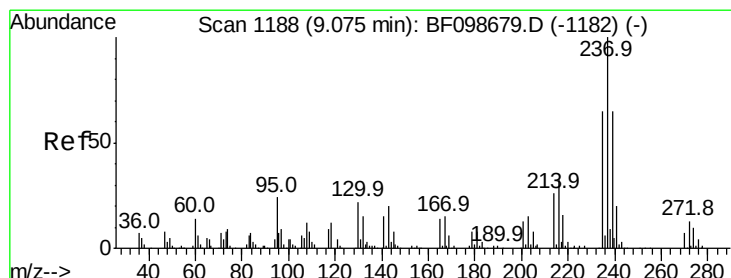
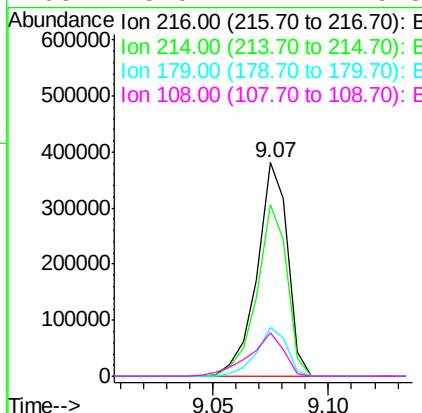
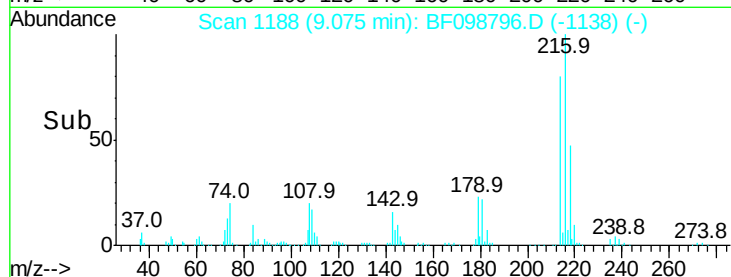
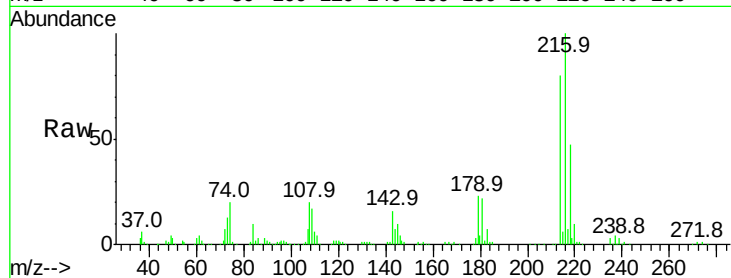
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.272 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.0	94.4
179	22.5	18.1	27.1
108	23.0	17.2	25.8

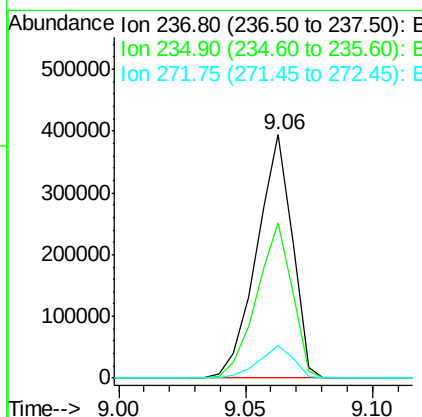
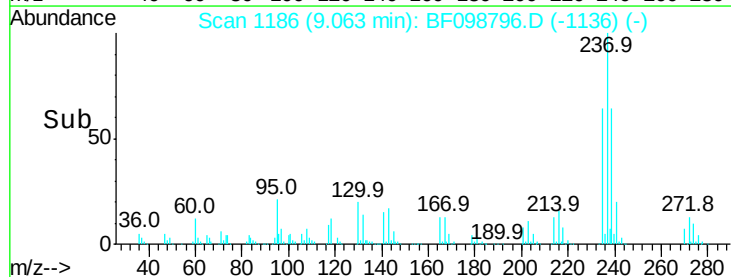
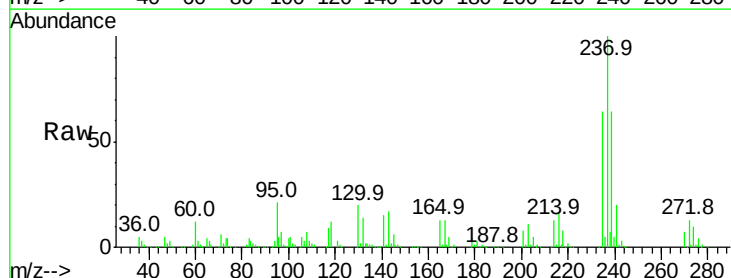
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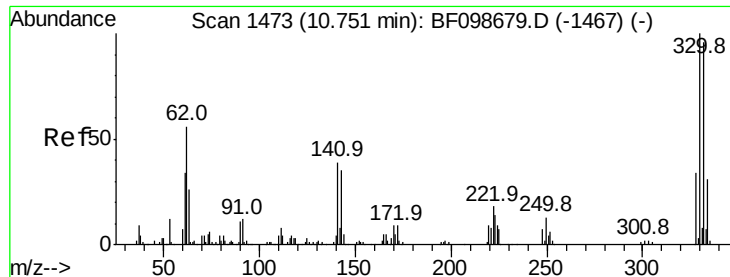
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#40
 Hexachlorocyclopentadiene
 Concen: 93.275 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	44.8	84.8
272	13.1	0.0	33.3





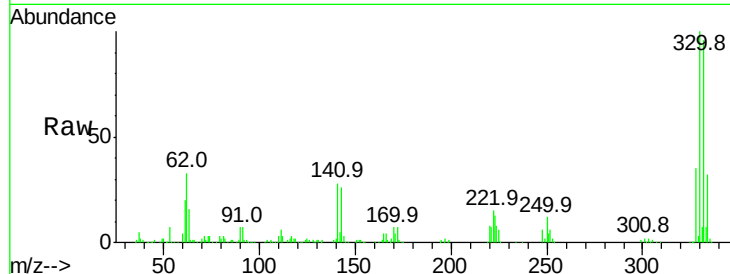
#41
 2,4,6-Tribromophenol
 Concen: 133.634 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

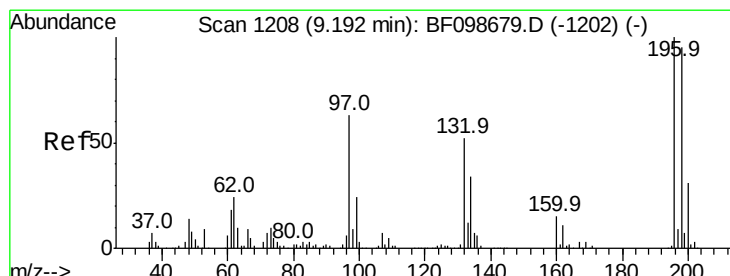
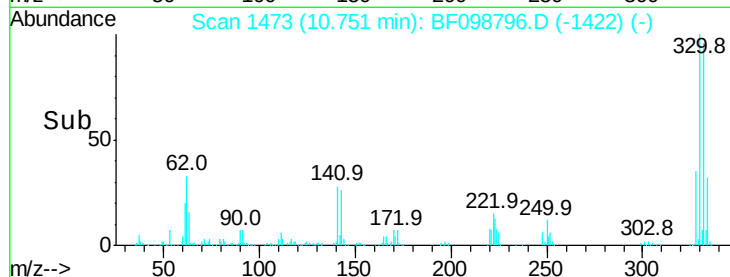
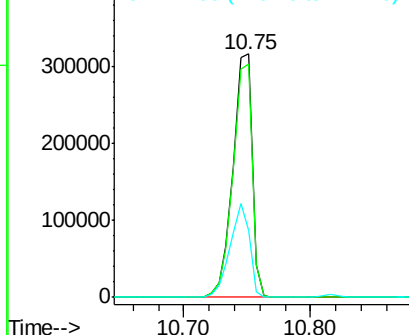
Tot Ion	Ratio	Resp	Lower	Upper
330	100	329369		
332	96.4	77.0	115.6	
141	38.9	29.9	44.9	

Manual Integrations
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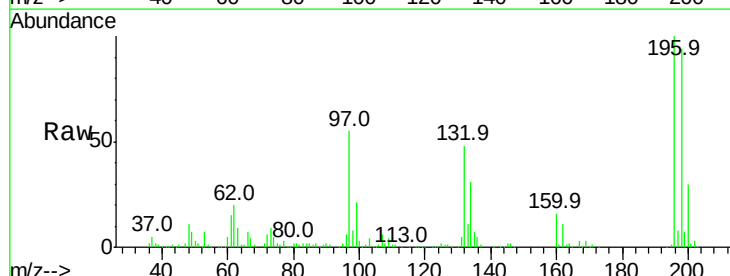


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

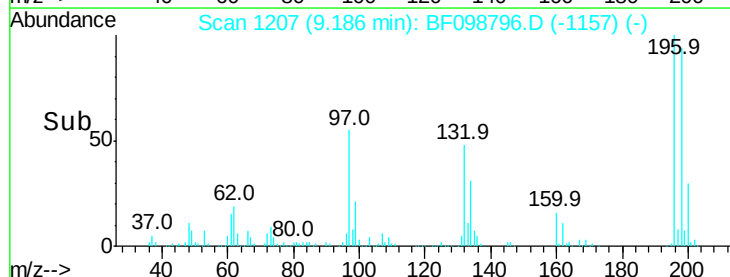
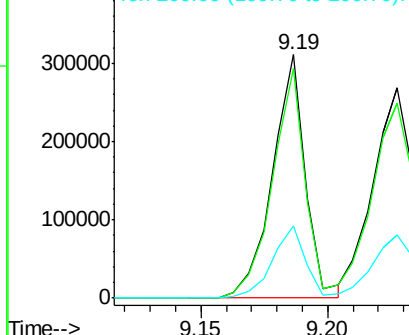


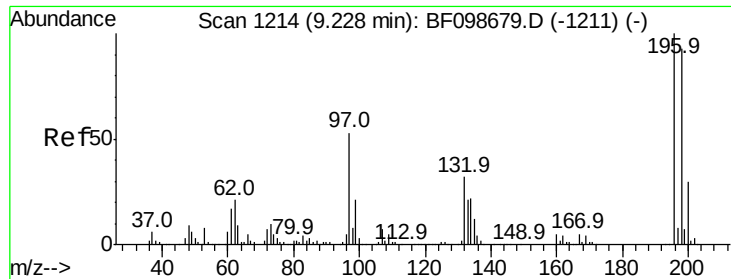
#42
 2,4,6-Trichlorophenol
 Concen: 44.392 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282500		
198	94.4	75.7	113.5	
200	29.7	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





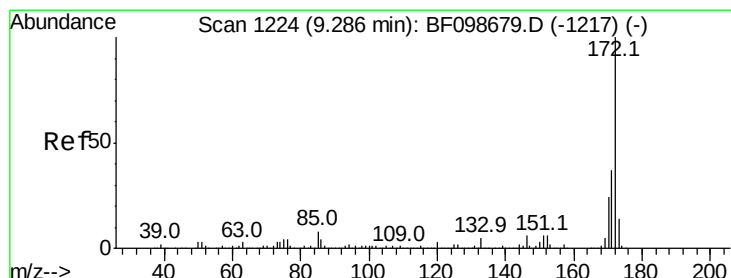
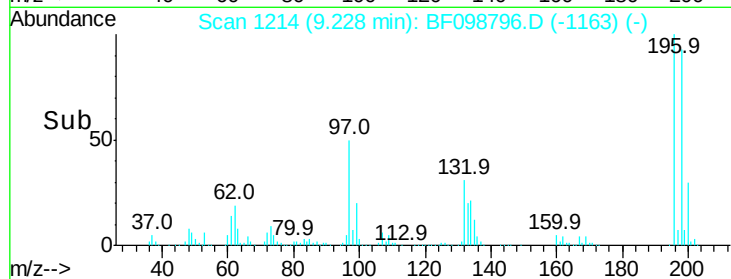
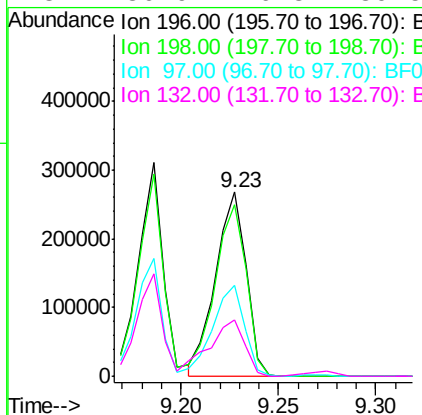
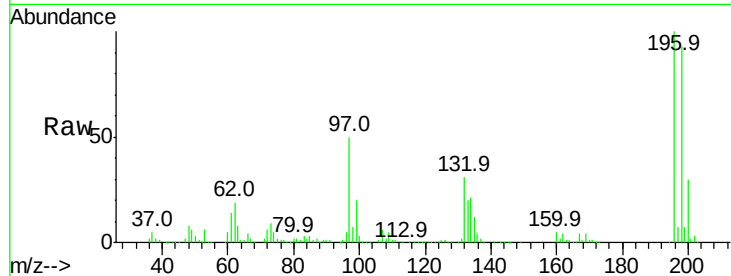
#43
 2,4,5-Trichlorophenol
 Concen: 46.063 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	292621		
198	93.1	74.6	112.0	
97	49.7	42.9	64.3	
132	30.9	26.3	39.5	

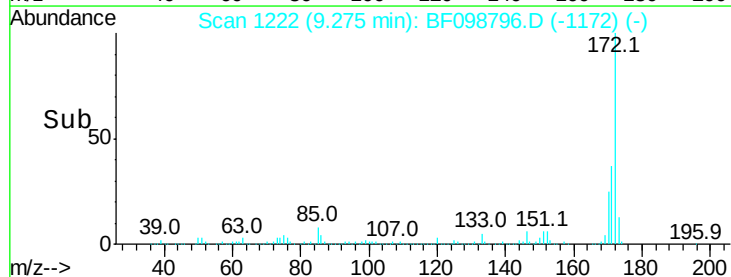
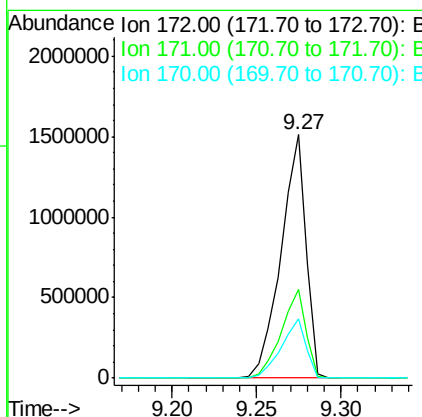
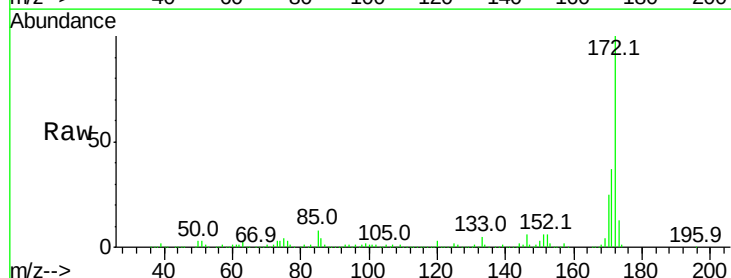
Manual Integrations
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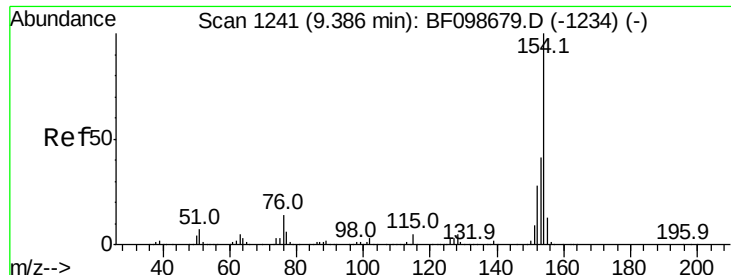
Sohil
 9/26/2017 4:58:36 PM



#44
 2-Fluorobiphenyl
 Concen: 86.653 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1563468		
171	36.6	29.7	44.5	
170	24.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 41.297 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MS

Tot Ion:154 Resp: 1069063

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

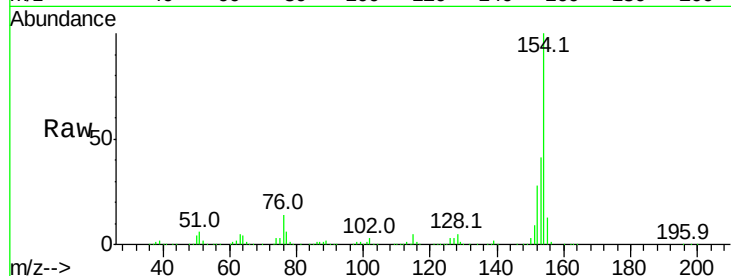
76 13.9 0.0 34.0

Manual Integrations

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Sohil

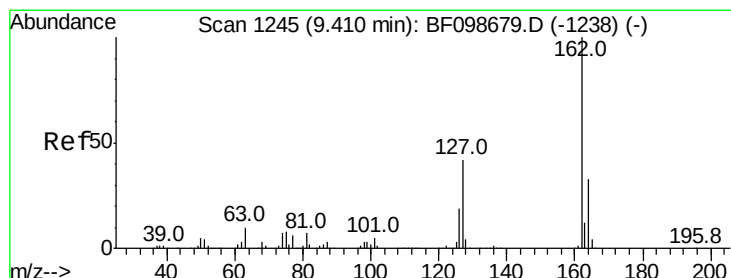
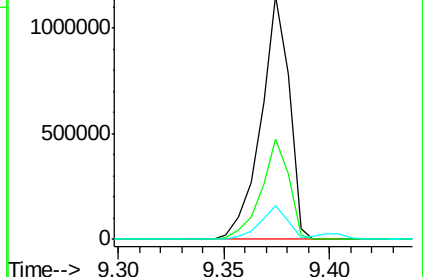
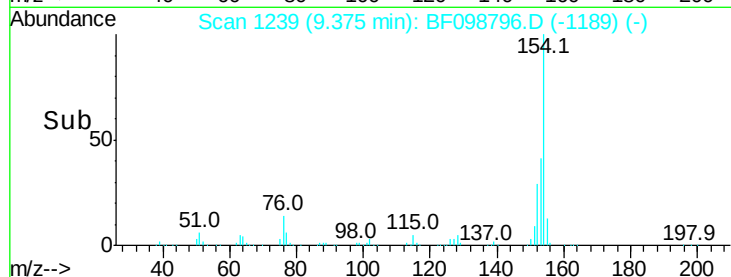
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.627 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

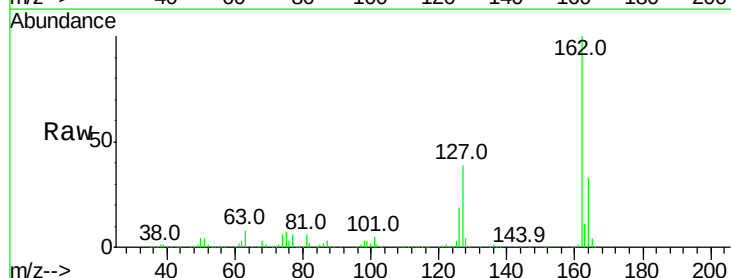
Tgt Ion:162 Resp: 847957

Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

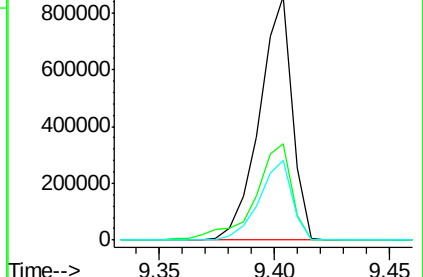
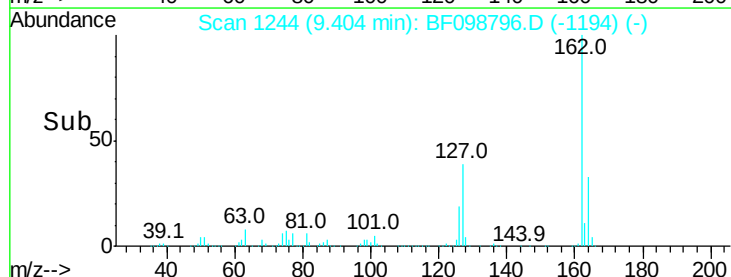
164 32.9 26.5 39.7

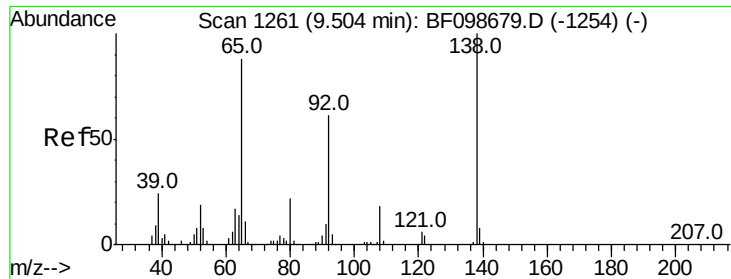


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





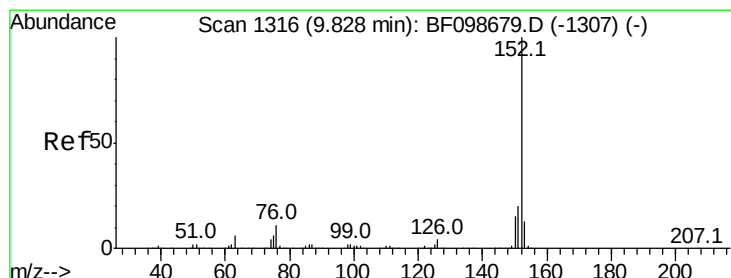
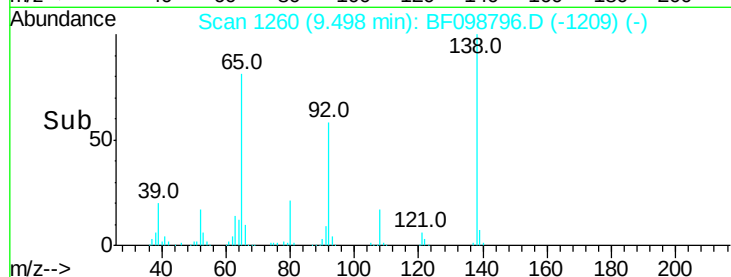
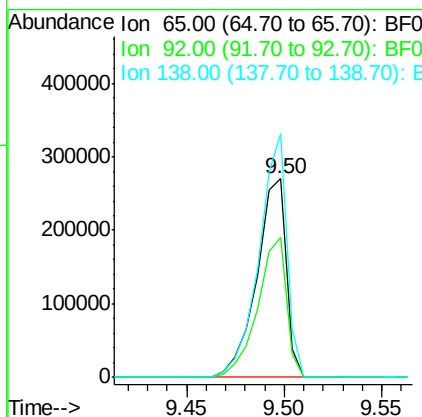
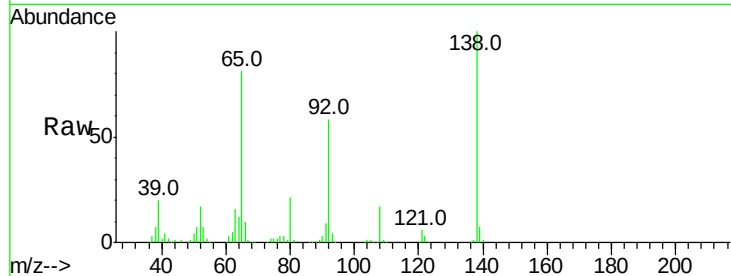
#47
2-Nitroaniline
Concen: 47.711 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	122.8	91.2	136.8

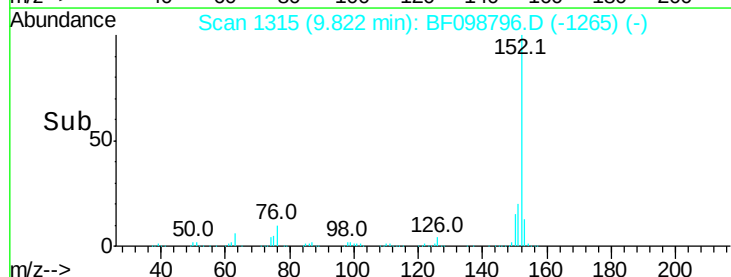
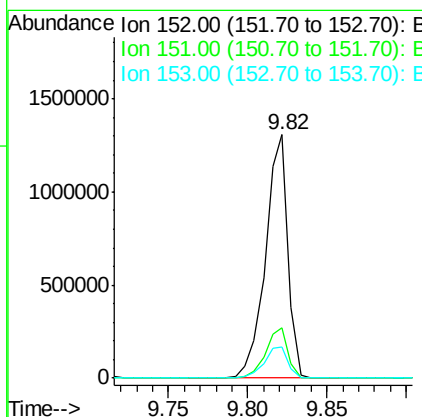
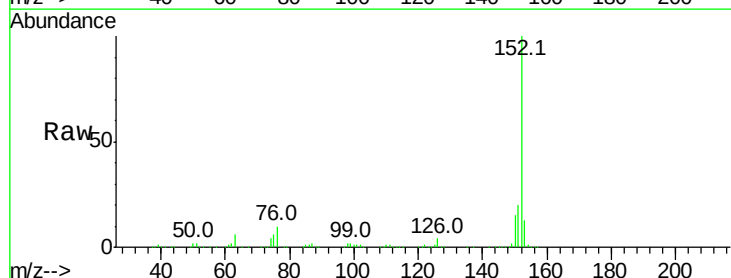
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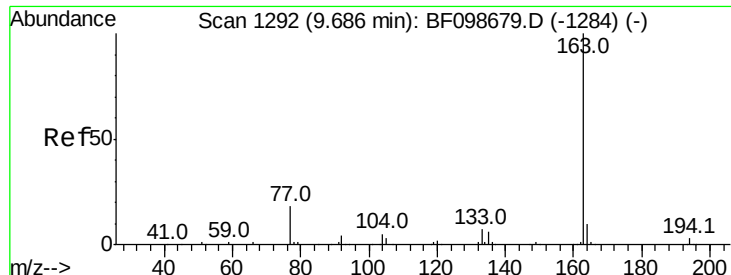
Sohil
9/26/2017 4:58:36 PM



#48
Acenaphthylene
Concen: 43.415 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.0	10.7	16.1





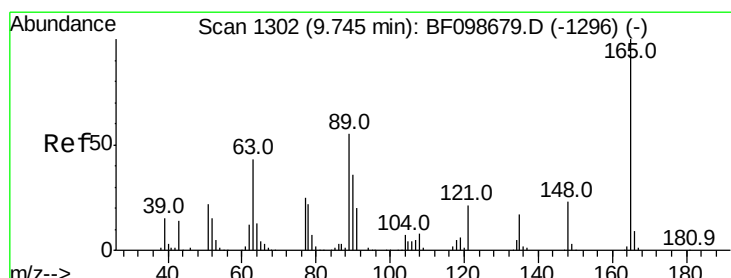
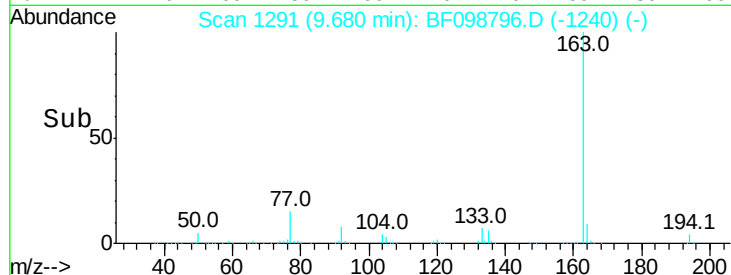
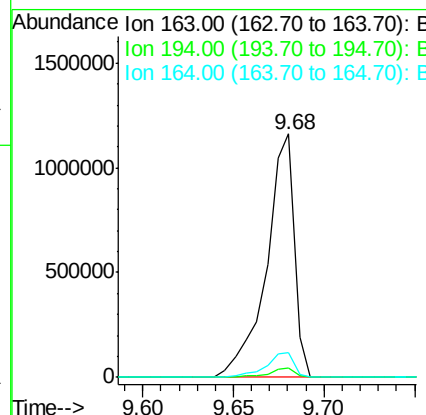
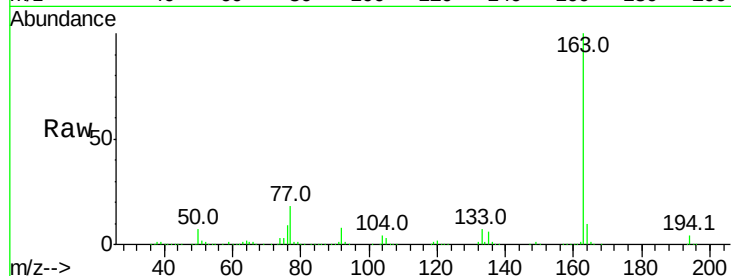
#49
 Dimethylphthalate
 Concen: 54.729 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

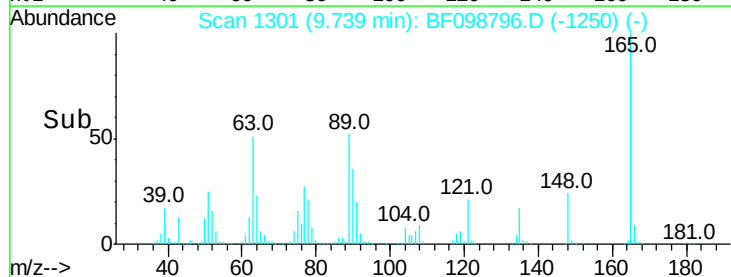
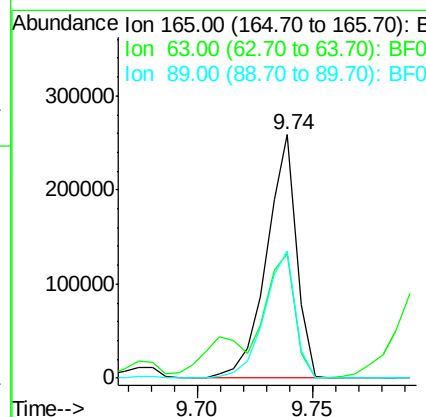
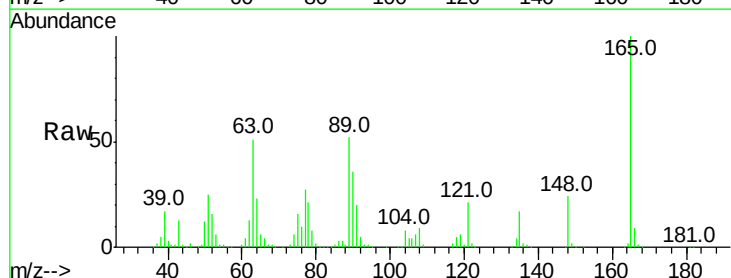
Manual Integrations
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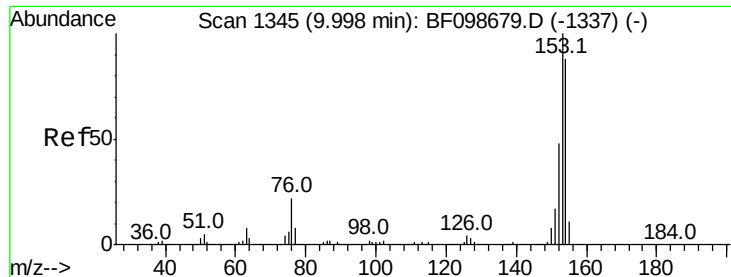
Sohil
 9/26/2017 4:58:36 PM



#50
 2,6-Dinitrotoluene
 Concen: 47.054 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	44.7	67.1
89	52.3	44.0	66.0





#51

Acenaphthene

Concen: 47.793 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

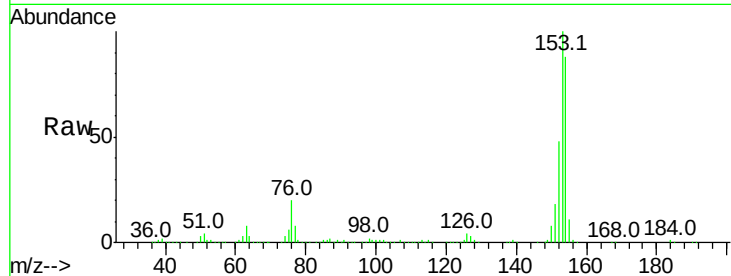
ClientSampleId :

FK-PS-01-016MS

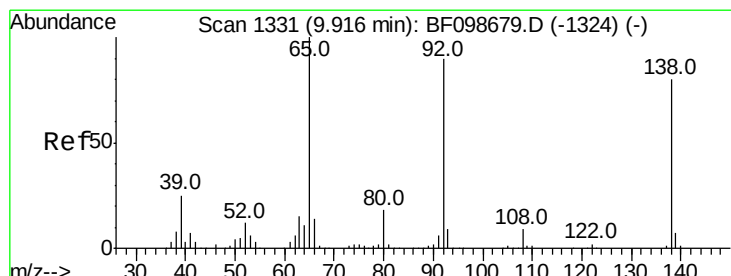
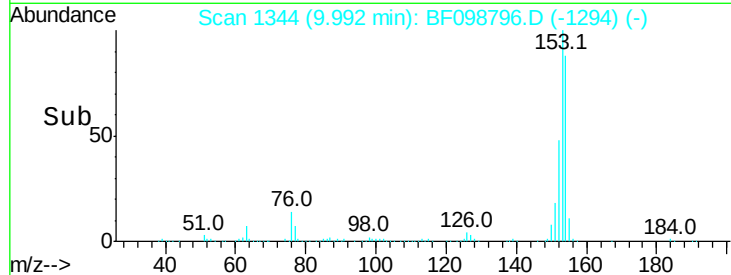
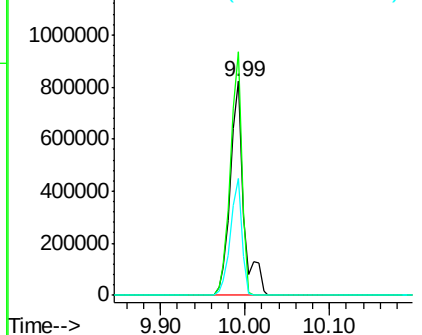
Tot Ion:	154	Resp:	900801
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	54.6	43.8	65.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.970 ng

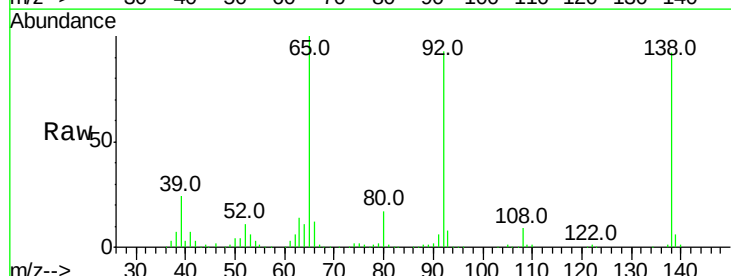
RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

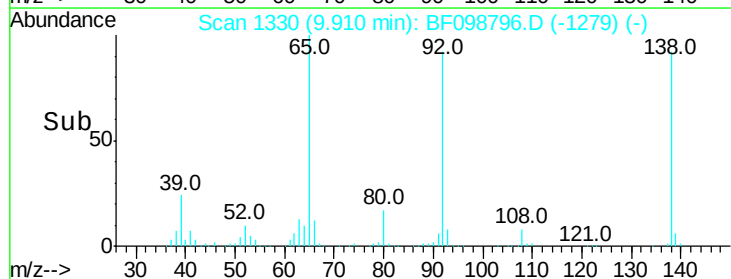
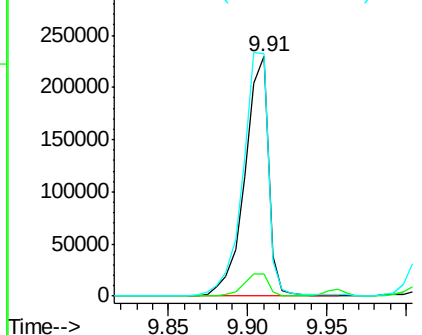
Lab File: BF098796.D

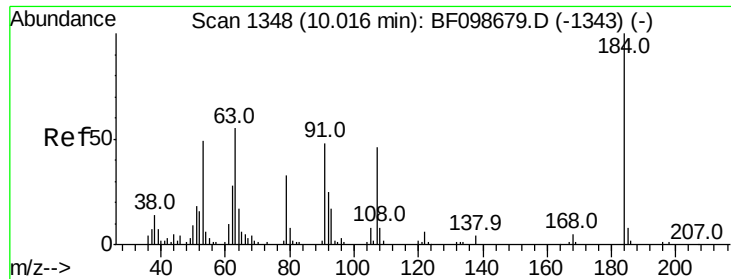
Acq: 25 Sep 2017 21:33

Tgt Ion:	138	Resp:	236433
Ion Ratio	Lower	Upper	
138	100		
108	9.4	9.4	14.0#
92	101.0	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





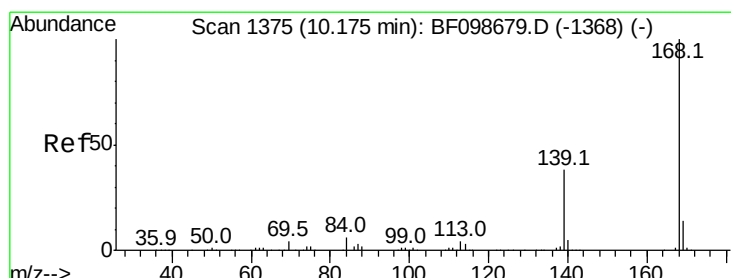
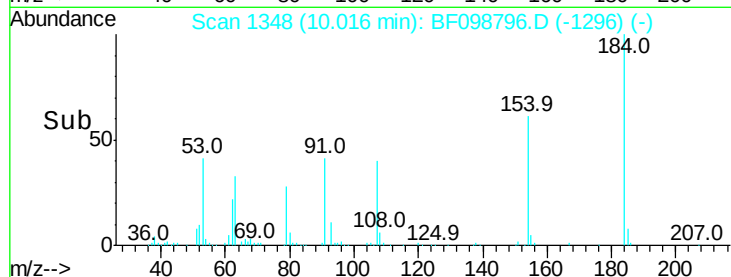
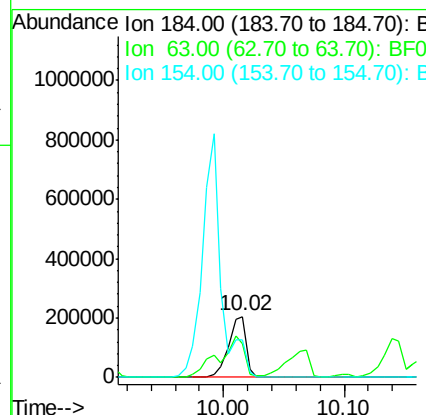
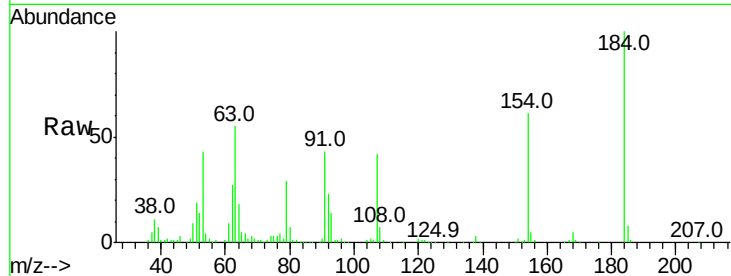
#53
2,4-Dinitrophenol
Concen: 80.524 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	207594		
63	54.8		54.2	81.2
154	61.5		53.5	80.3

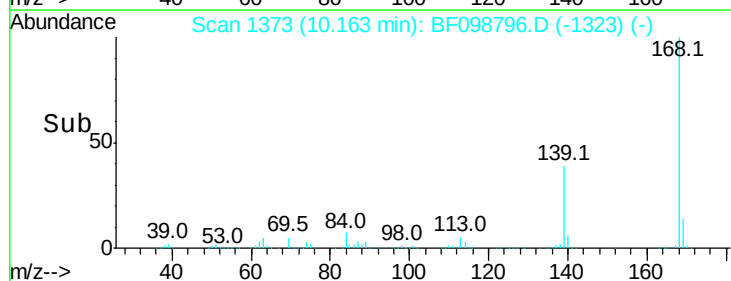
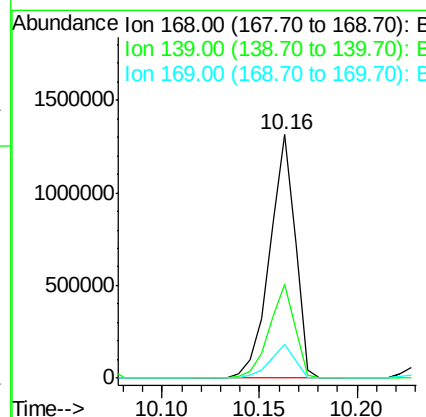
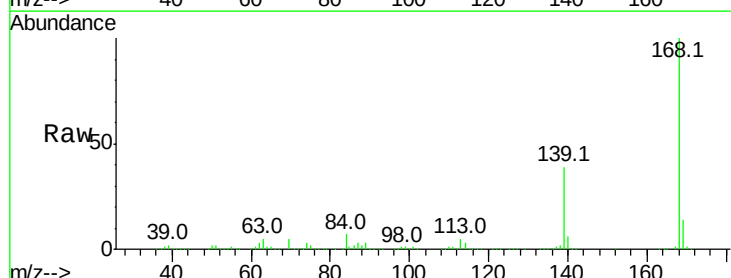
Manual Integrations
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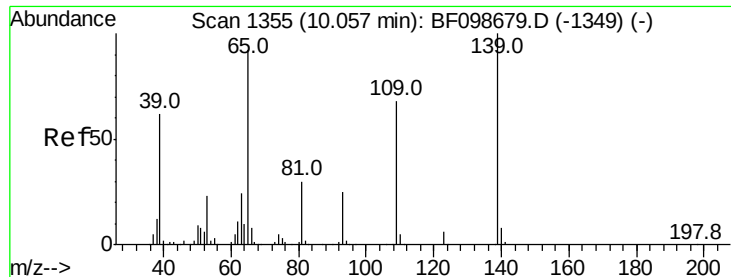
Sohil
9/26/2017 4:58:36 PM



#54
Dibenzofuran
Concen: 47.219 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1184959		
139	38.5		30.1	45.1
169	13.7		10.9	16.3





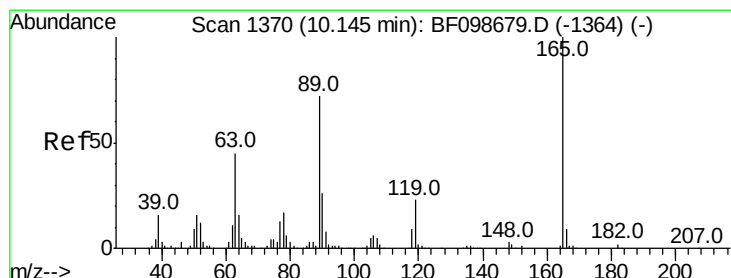
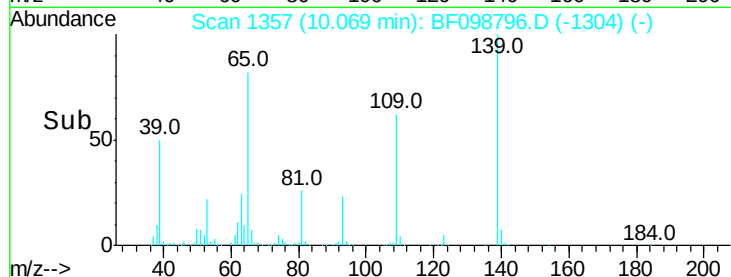
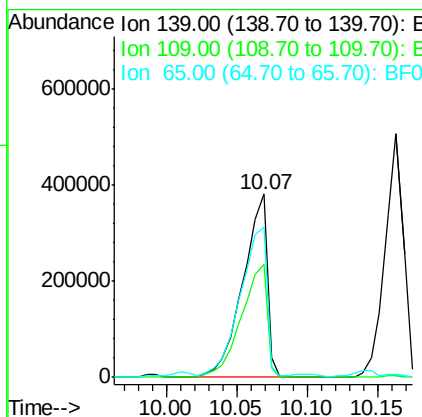
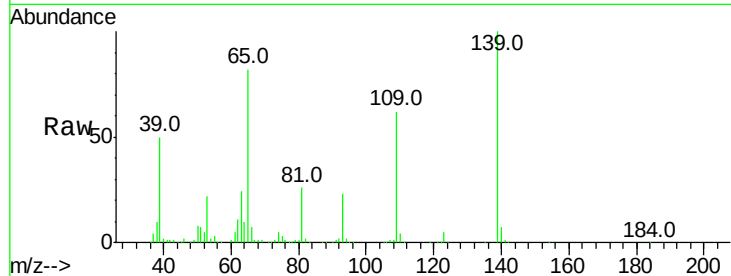
#55
4-Nitrophenol
Concen: 93.753 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	457481		
109	62.1	48.4	88.4	
65	81.9	72.6	112.6	

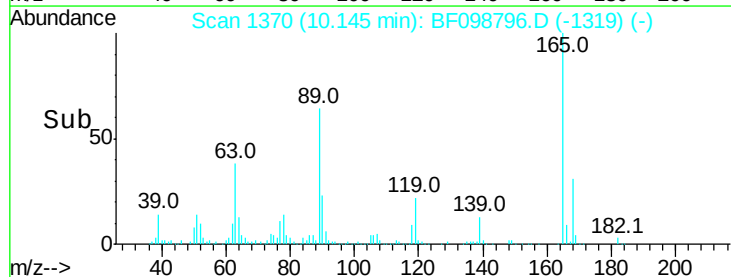
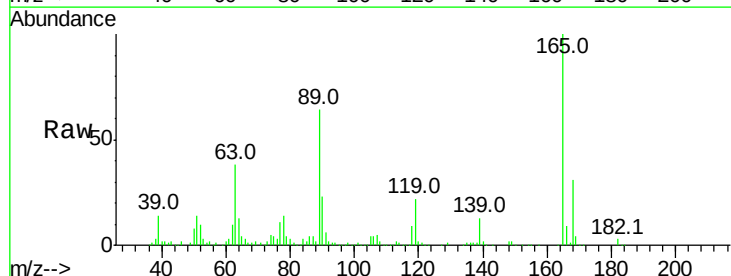
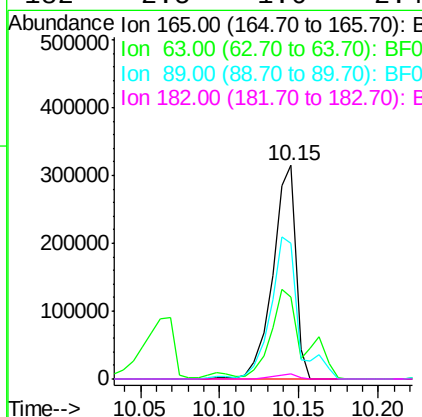
Manual Integrations
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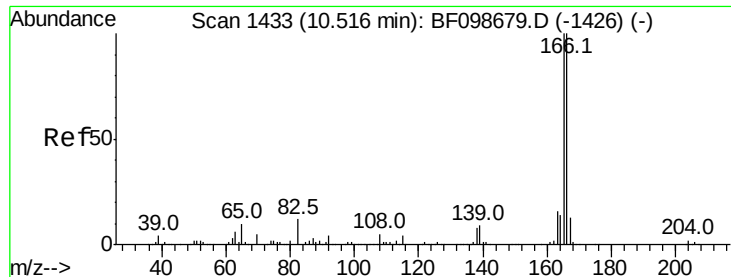
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.390 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	317246		
63	38.1	36.4	54.6	
89	63.8	57.8	86.6	
182	2.5	1.6	2.4	#





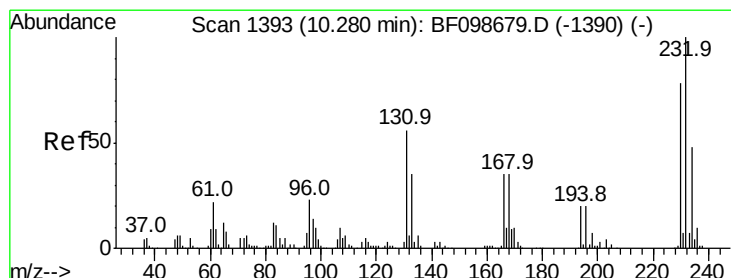
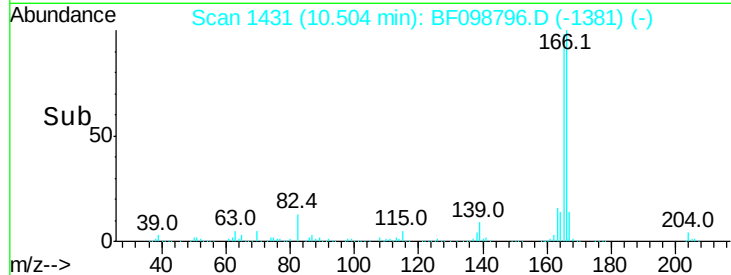
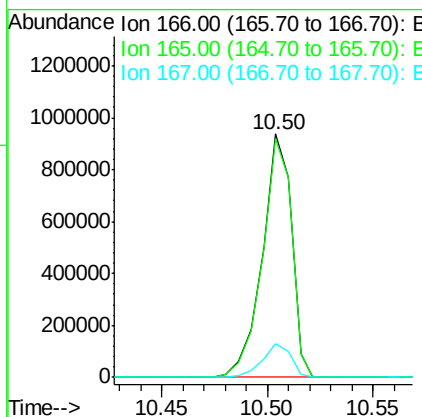
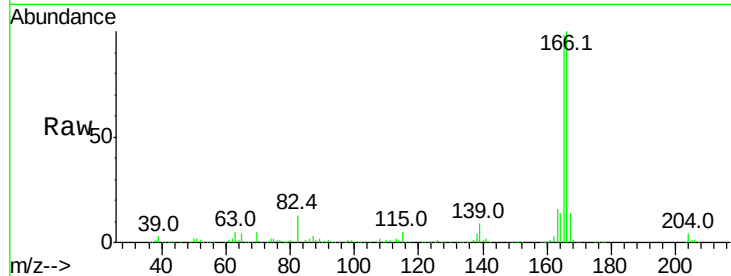
#57
 Fluorene
 Concen: 44.706 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	901735		
165	97.8	79.8	119.8	
167	13.6	10.6	16.0	

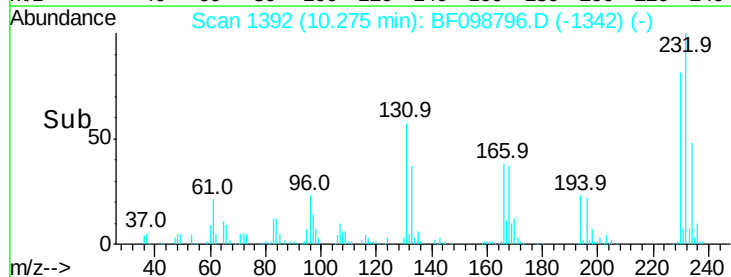
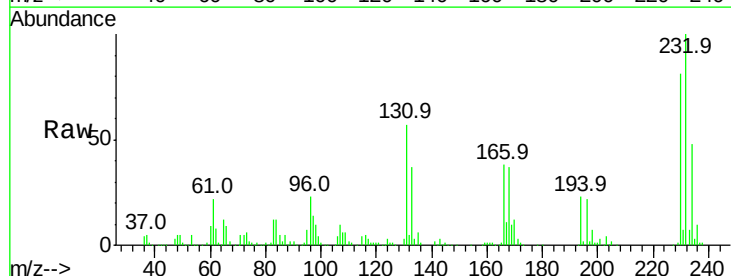
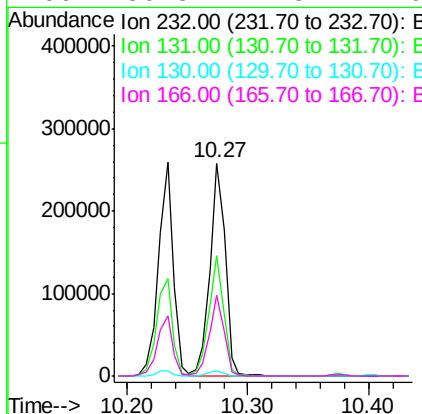
Manual Integrations
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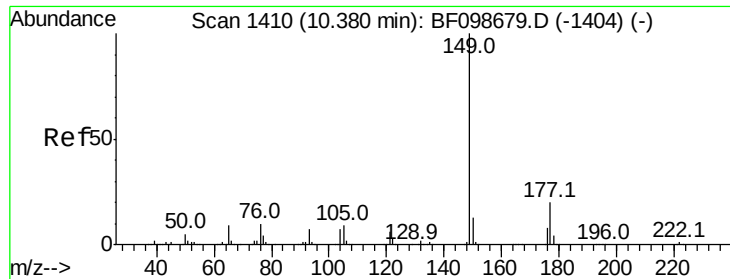
Sohil
 9/26/2017 4:58:36 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.425 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	225670		
131	54.9	43.8	65.8	
130	2.6	2.1	3.1	
166	36.3	27.8	41.6	





#59

Diethylphthalate

Concen: 46.061 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MS

Tot Ion:149 Resp: 1023205

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

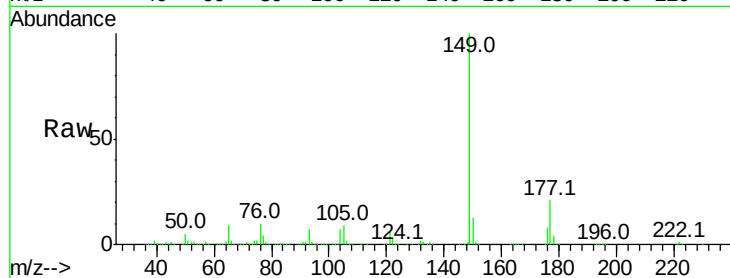
150 12.7 10.1 15.1

Manual Integrations

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Sohil

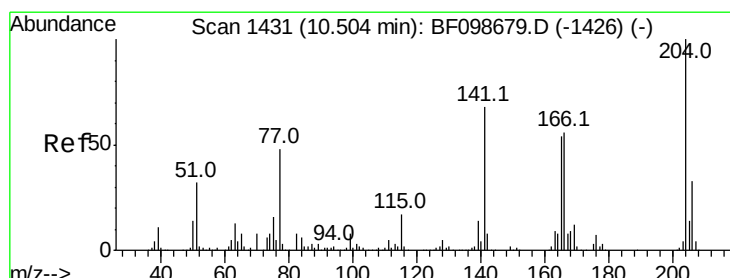
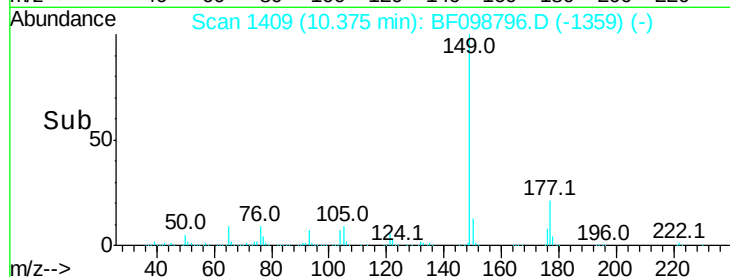
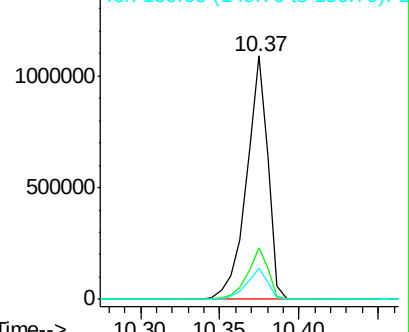
9/26/2017 4:58:36 PM



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: 44.536 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

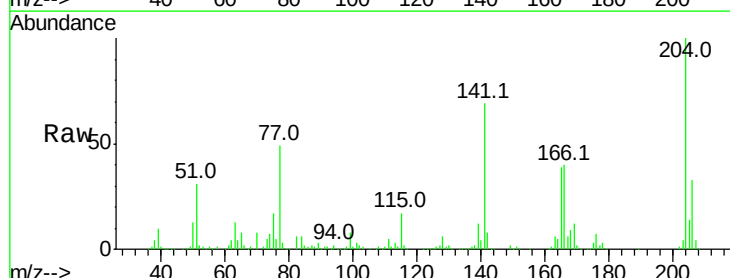
Tgt Ion:204 Resp: 403519

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

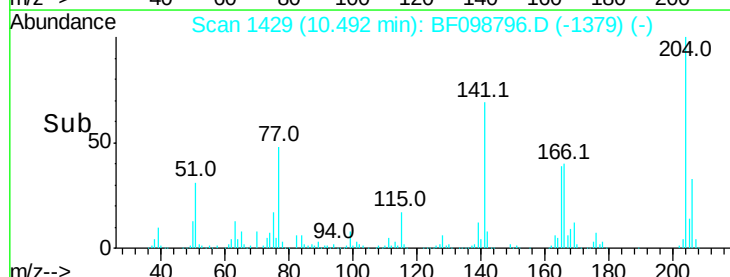
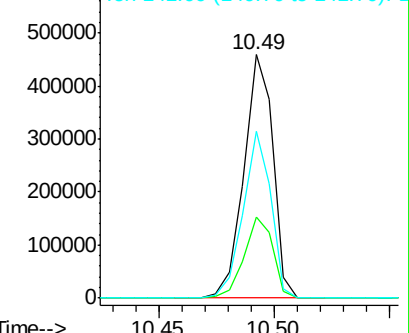
141 68.5 54.6 81.8

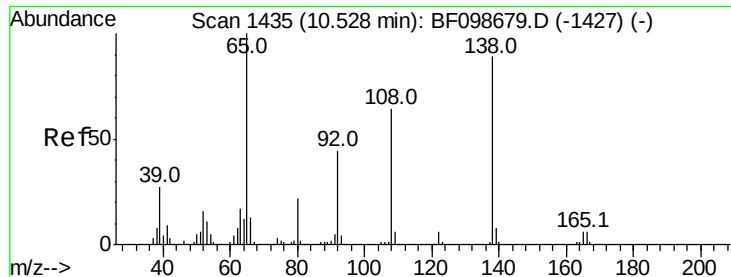


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





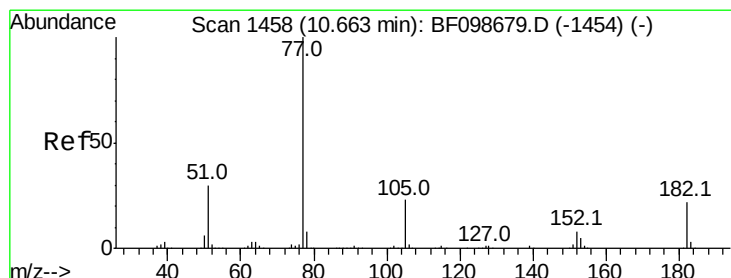
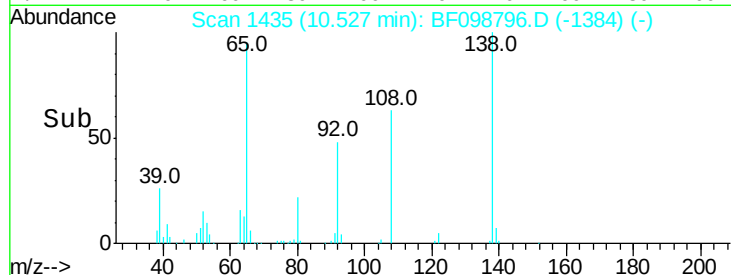
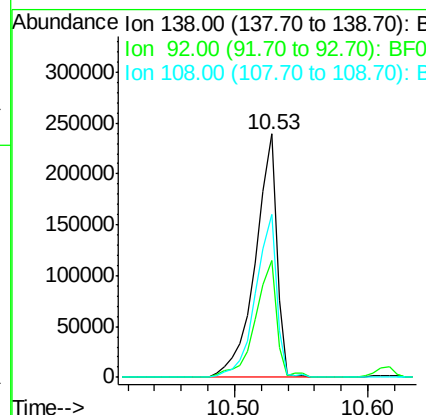
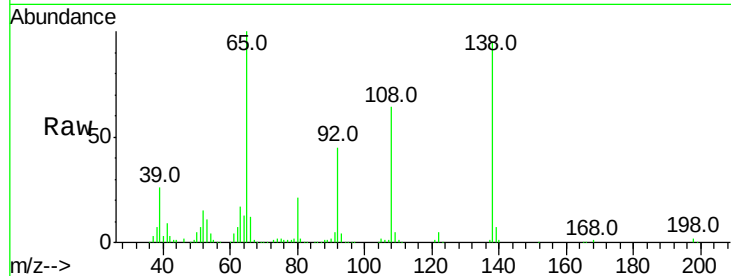
#61
4-Nitroaniline
Concen: 47.444 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.8	30.2	70.2
108	66.9	52.5	92.5

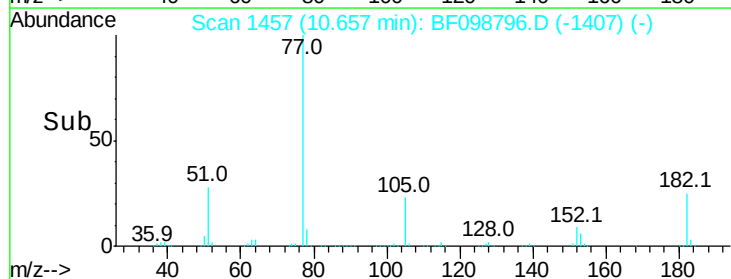
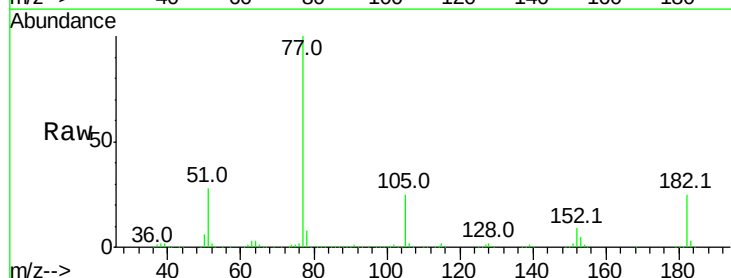
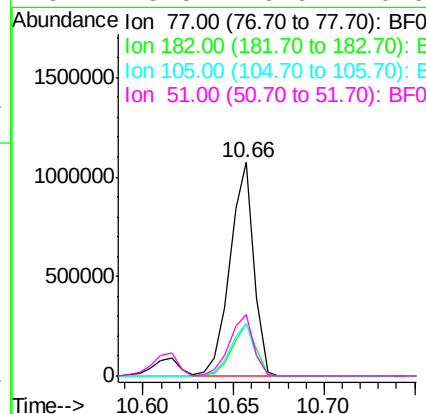
Manual Integrations
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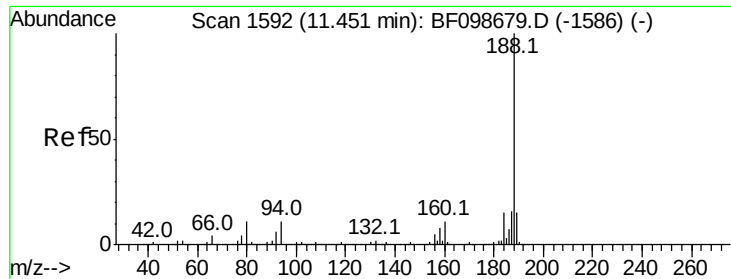
Sohil
9/26/2017 4:58:36 PM



#62
Azobenzene
Concen: 48.221 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.7	41.7
105	24.8	3.0	43.0
51	28.5	9.9	49.9





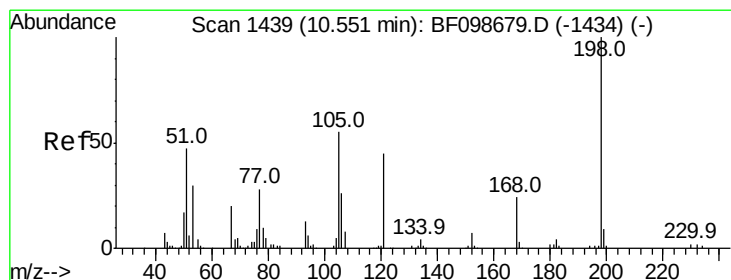
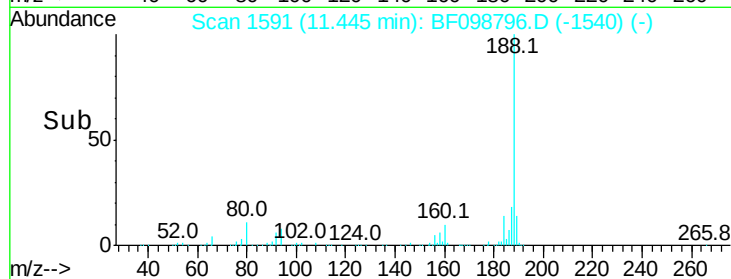
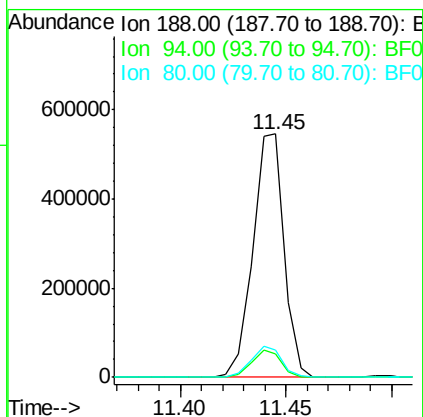
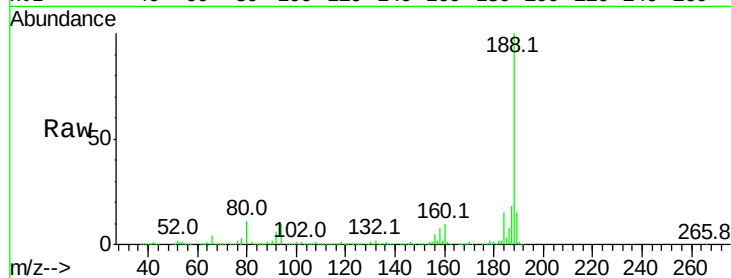
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	8.5	12.7
80	11.1	9.2	13.8

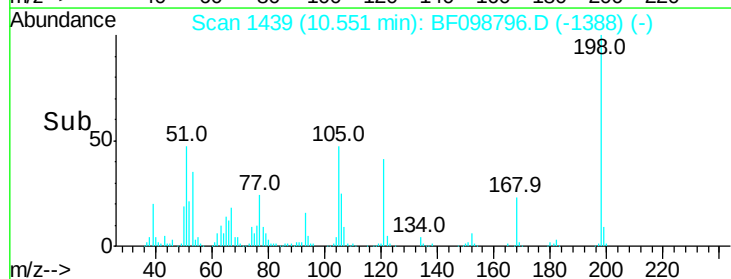
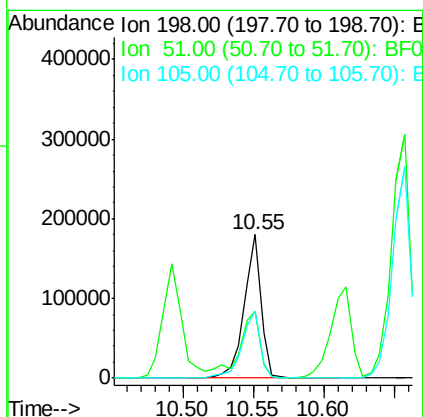
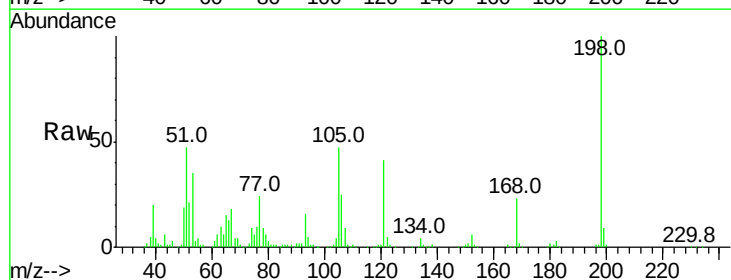
Manual Integrations
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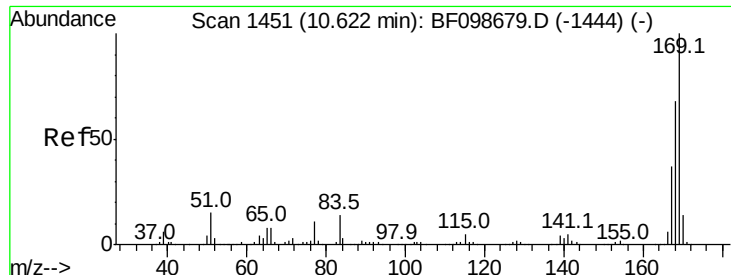
Sohil
9/26/2017 4:58:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.971 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	46.7	37.7	77.7
105	46.7	36.3	76.3





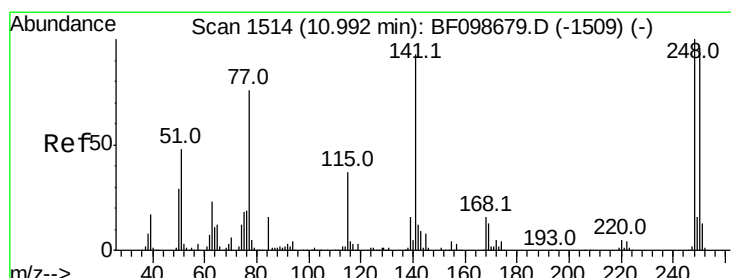
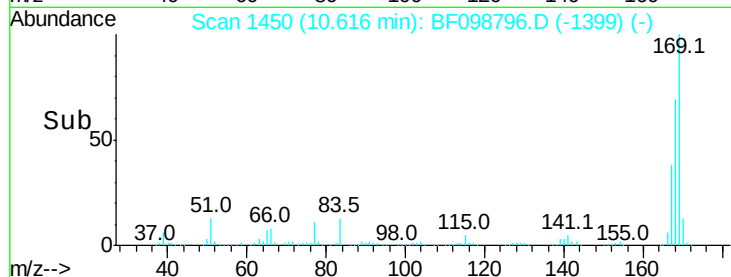
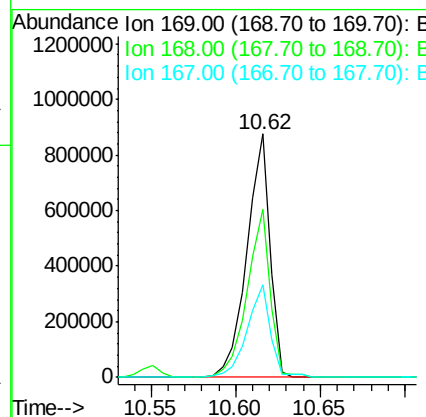
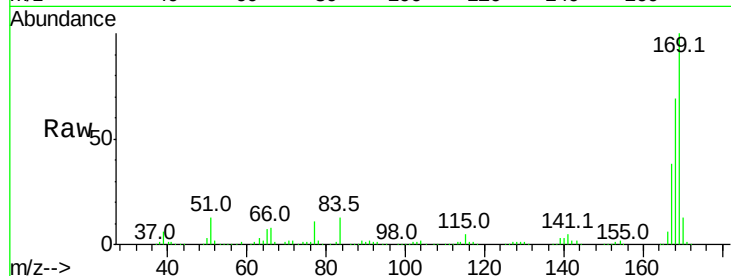
#65
 n-Nitrosodiphenylamine
 Concen: 43.364 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	840672		
168	68.9		54.4	81.6
167	38.1		29.8	44.6

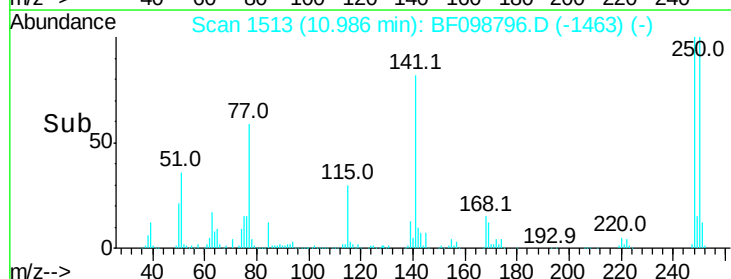
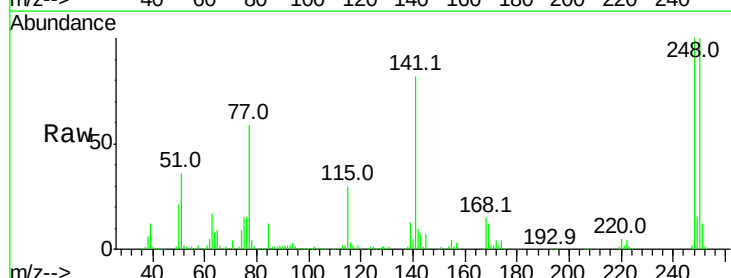
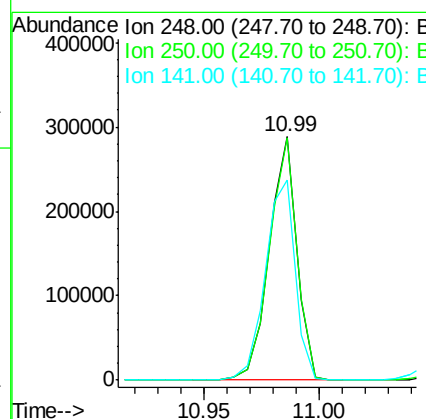
Manual Integrations
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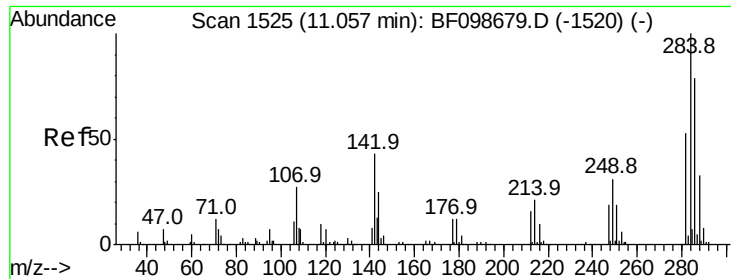
Sohil
 9/26/2017 4:58:36 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.884 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	240378		
250	99.7		76.9	115.3
141	82.4		74.4	111.6





#67

Hexachlorobenzene

Concen: 41.515 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

ClientSampleId :

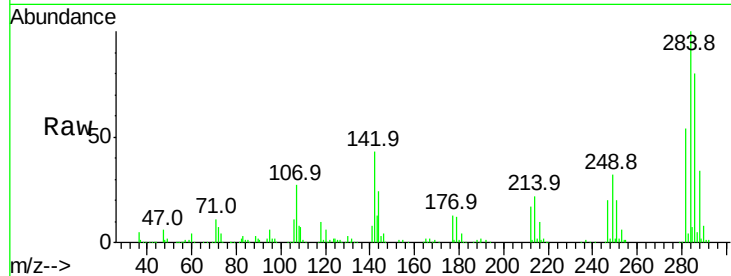
FK-PS-01-016MS

Tot Ion:	284	Resp:	242871
Ion Ratio	Lower	Upper	
284	100		
142	42.9	34.6	52.0
249	32.5	24.8	37.2

Manual Integrations
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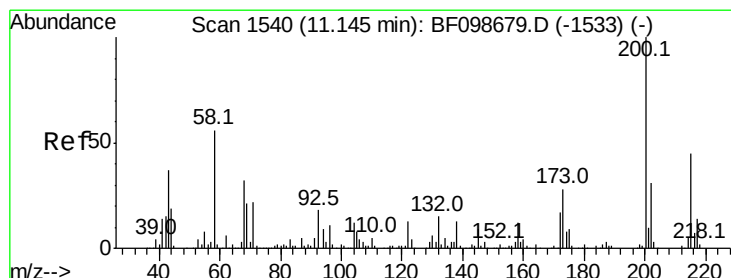
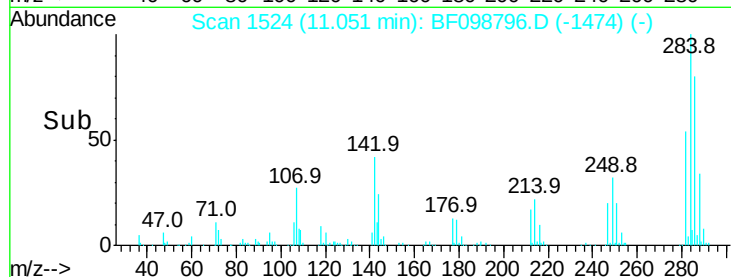
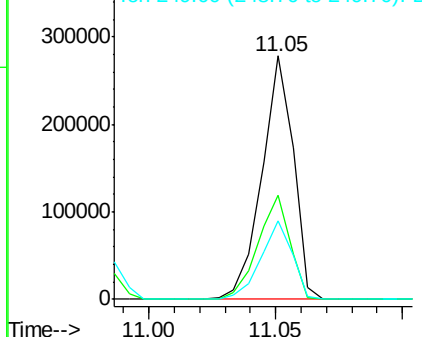
9/26/2017 4:58:36 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.485 ng

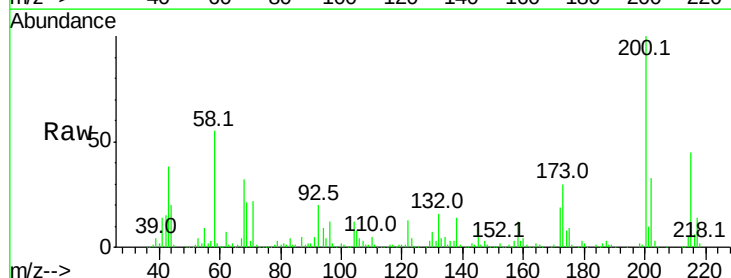
RT: 11.14 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

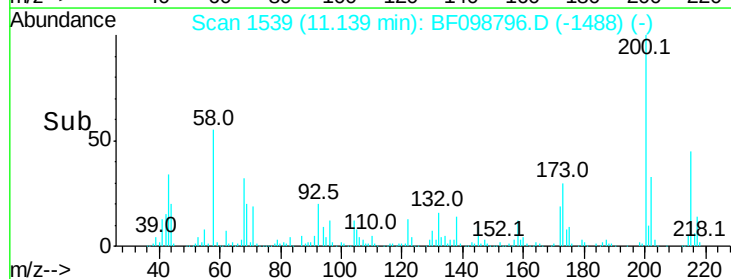
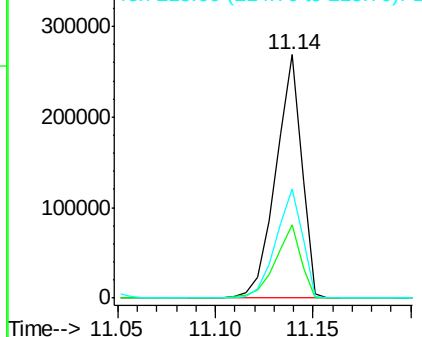
Tgt Ion:	200	Resp:	247800
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.6	48.6
215	44.9	25.1	65.1

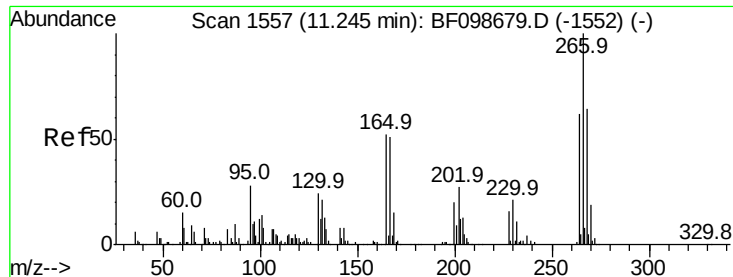


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





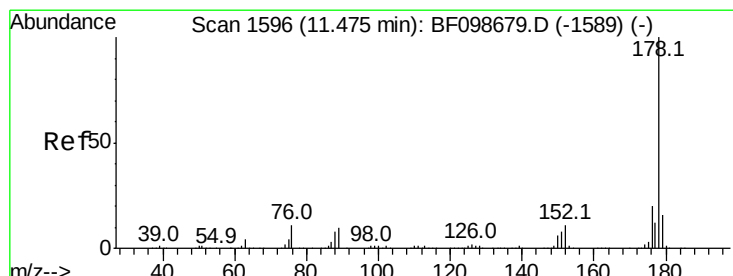
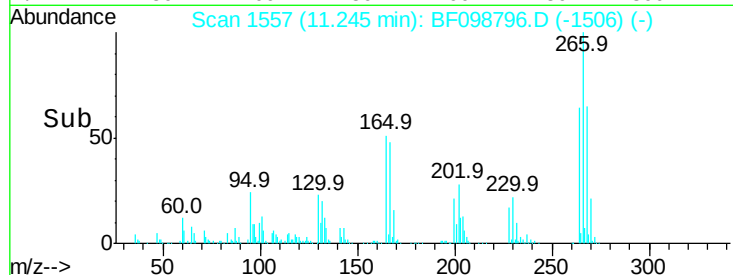
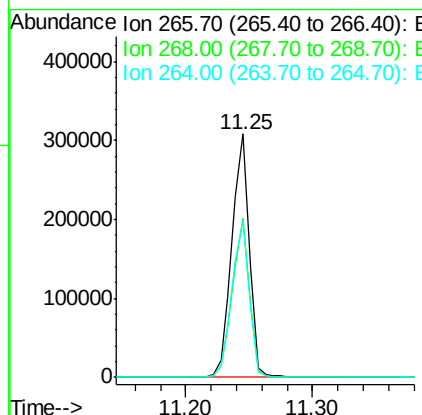
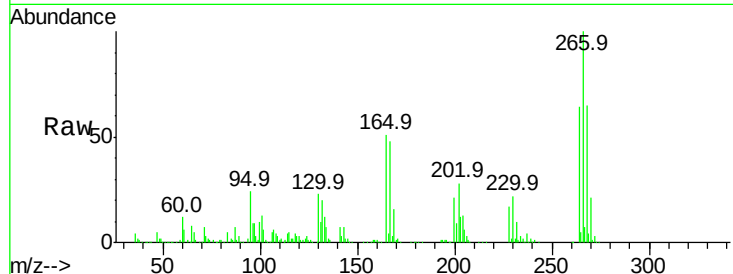
#69
 Pentachlorophenol
 Concen: 80.401 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	292735		
268	65.1		51.1	76.7
264	64.3		49.5	74.3

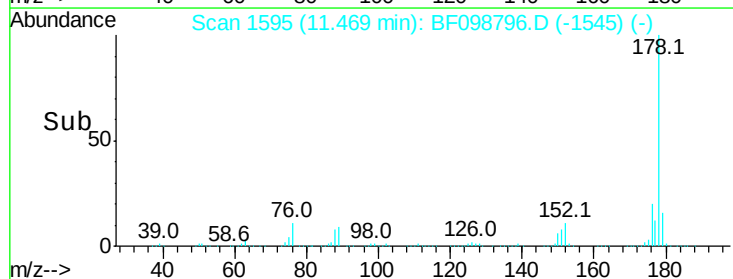
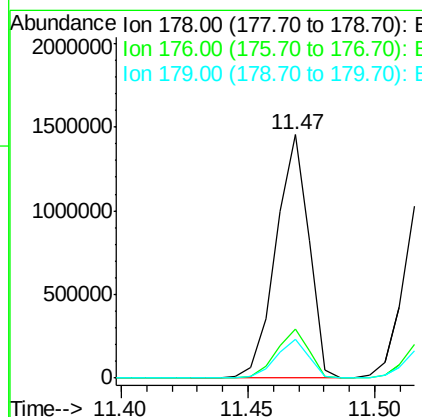
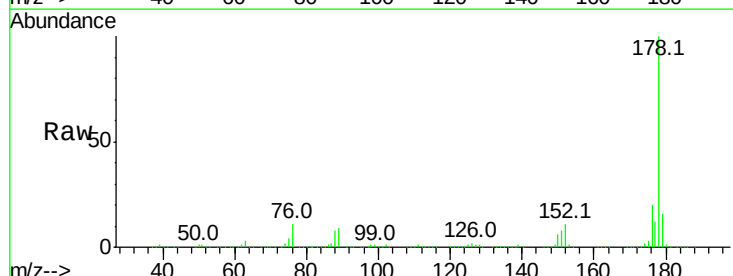
Manual Integrations
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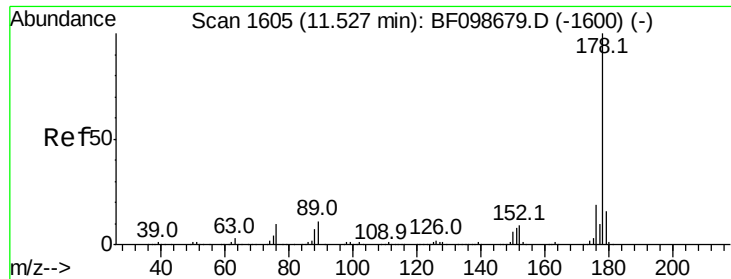
Sohil
 9/26/2017 4:58:36 PM



#70
 Phenanthrene
 Concen: 44.220 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1324550		
176	19.9		15.8	23.8
179	16.0		13.0	19.6





#71
 Anthracene
 Concen: 44.394 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

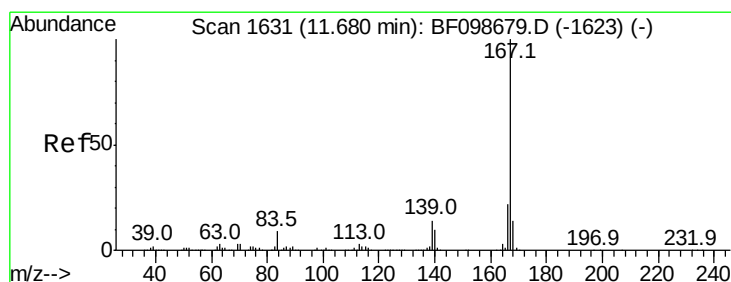
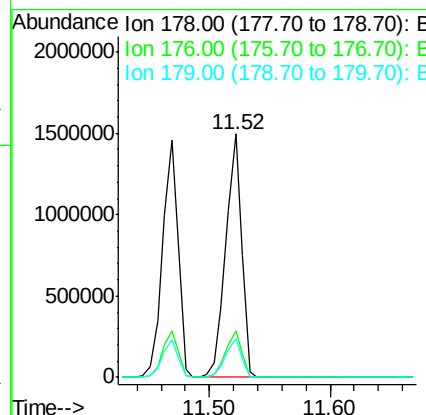
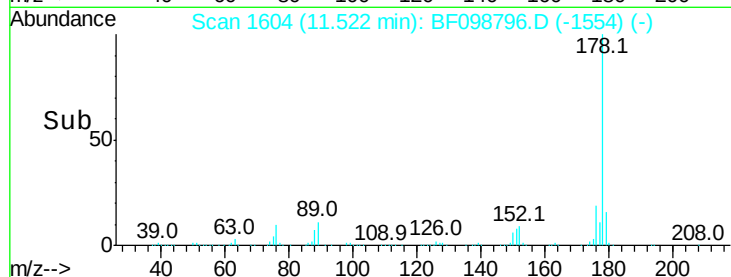
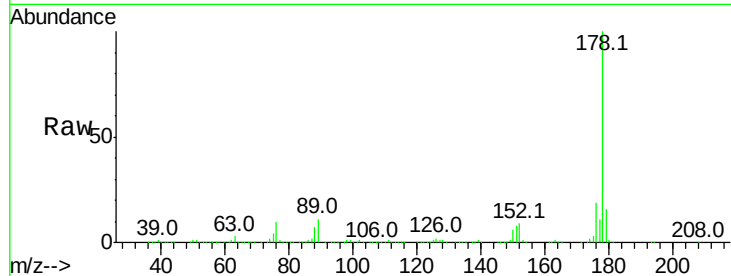
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion:178 Resp: 1360603

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

Manual Integrations
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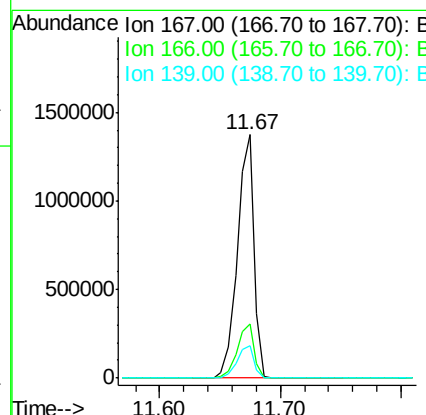
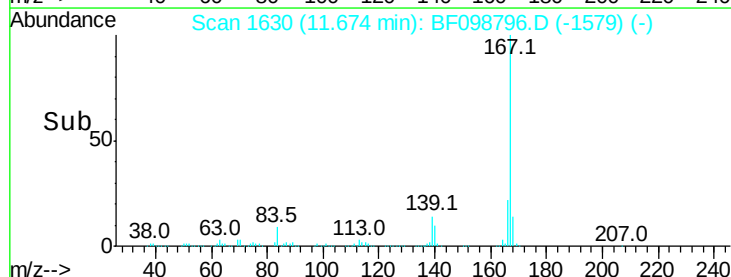
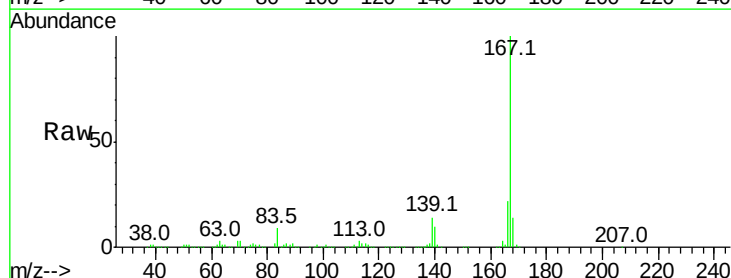
Sohil
 9/26/2017 4:58:36 PM

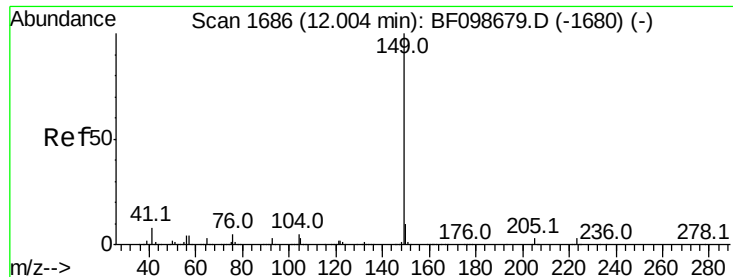


#72
 Carbazole
 Concen: 43.855 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion:167 Resp: 1316217

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.624 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016MS

Tot Ion:149 Resp: 1612083

Ion Ratio Lower Upper

149 100

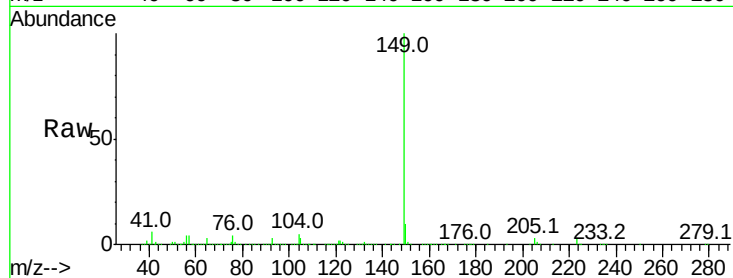
150 9.5 7.8 11.6

104 4.7 3.8 5.8

Manual Integrations
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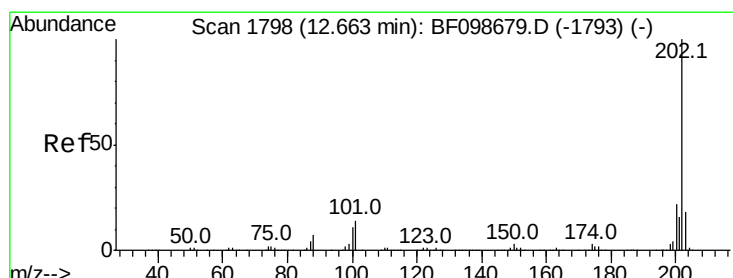
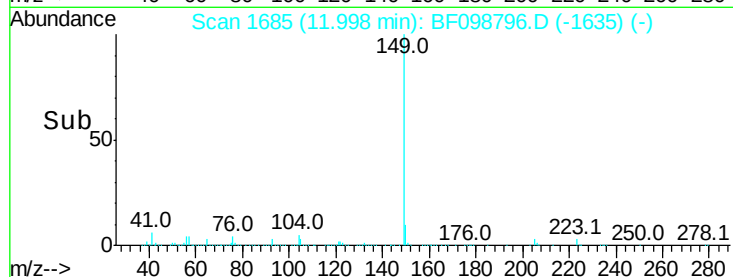
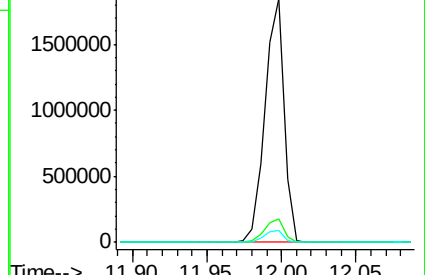
9/26/2017 4:58:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.808 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

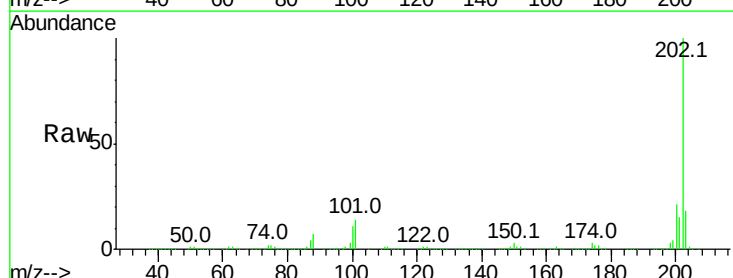
Tgt Ion:202 Resp: 1389432

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

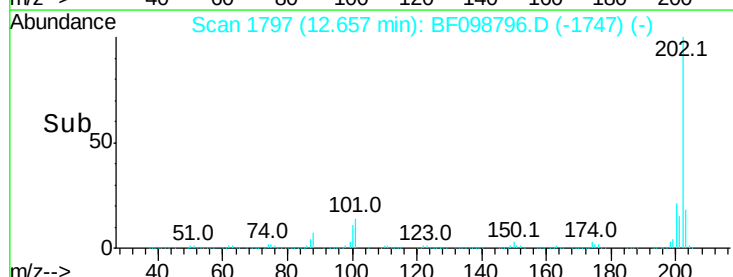
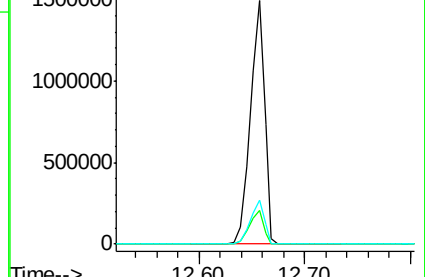
203 18.0 0.0 38.1

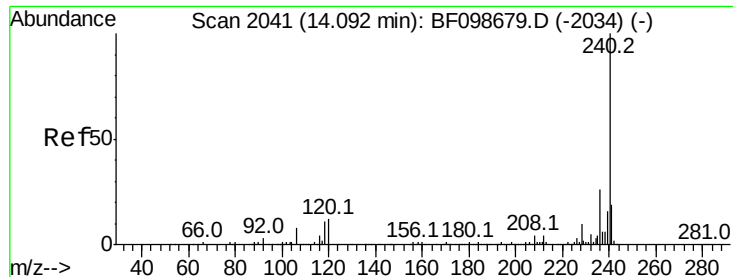


Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

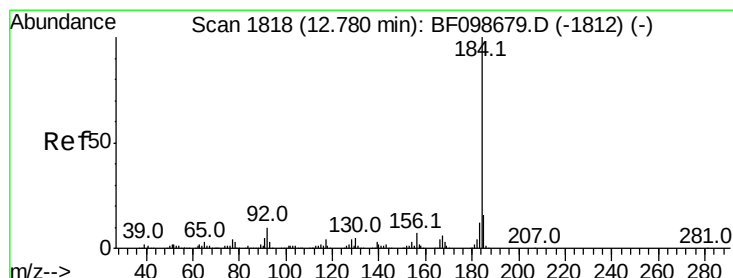
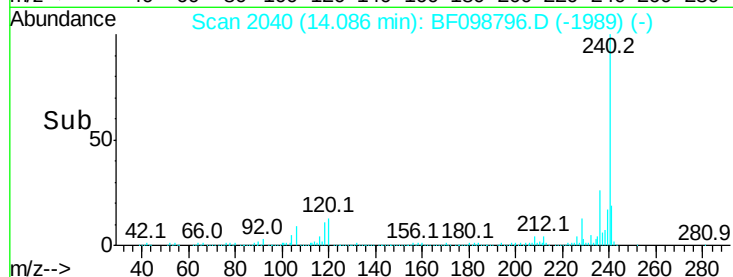
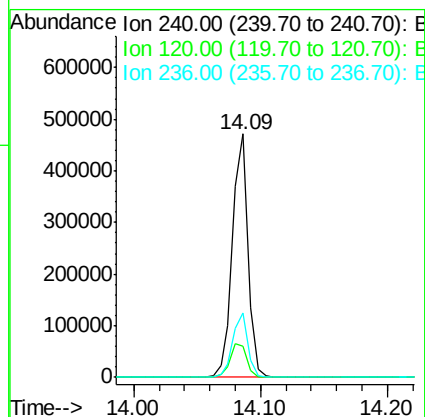
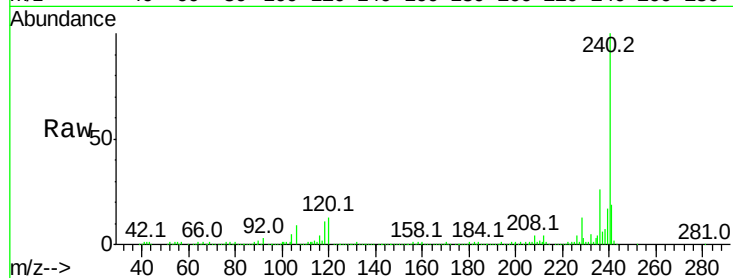
ClientSampleId :

FK-PS-01-016MS

Tot Ion:	240	Resp:	397866
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 34.789 ng

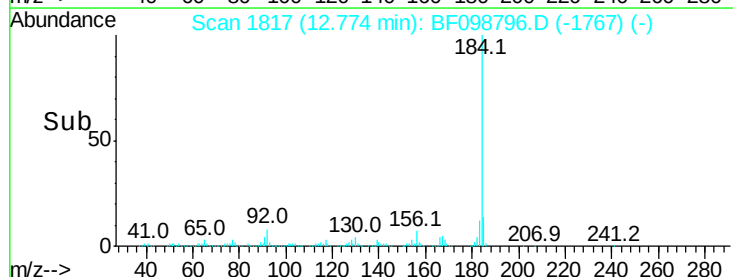
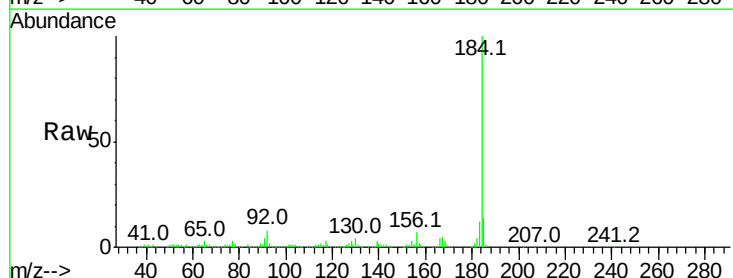
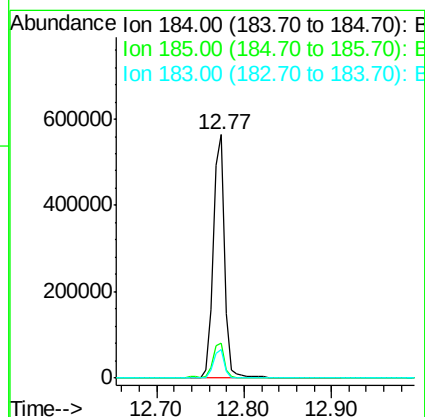
RT: 12.77 min Scan# 1817

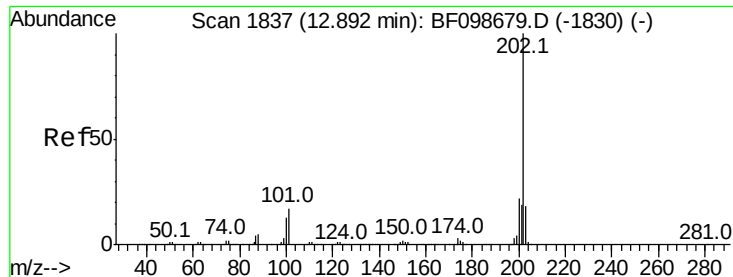
Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion:	184	Resp:	511943
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	12.0	9.3	13.9





#77

Pvrene

Concen: 47.155 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

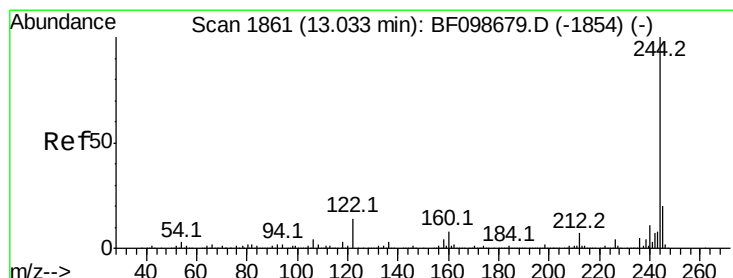
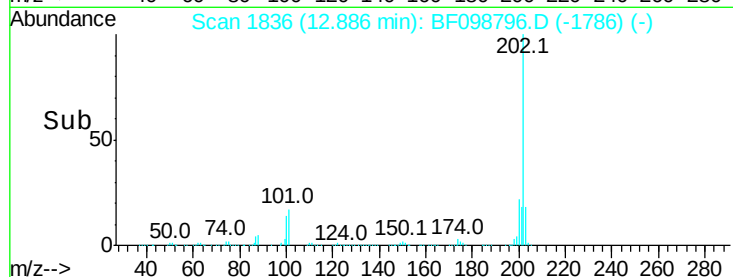
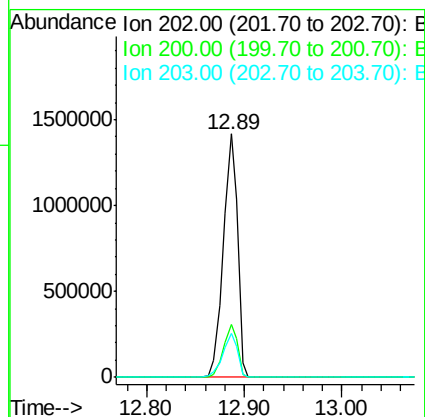
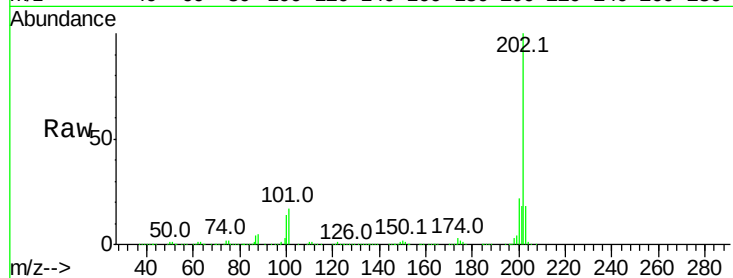
ClientSampleId :

FK-PS-01-016MS

Tot Ion:	202	Resp:	1430629
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 83.550 ng

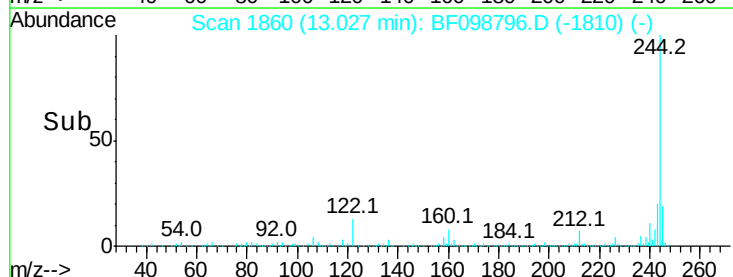
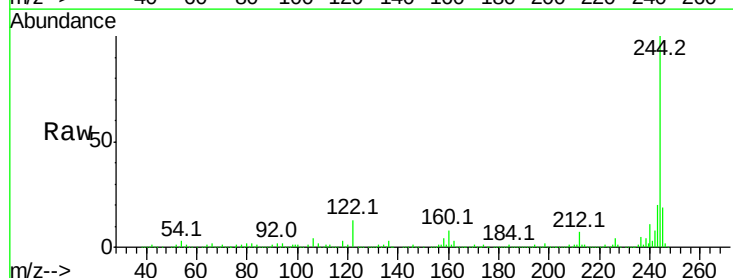
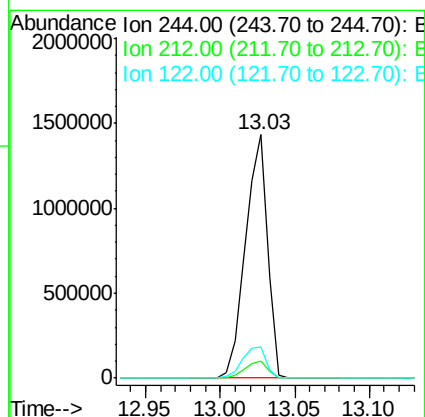
RT: 13.03 min Scan# 1860

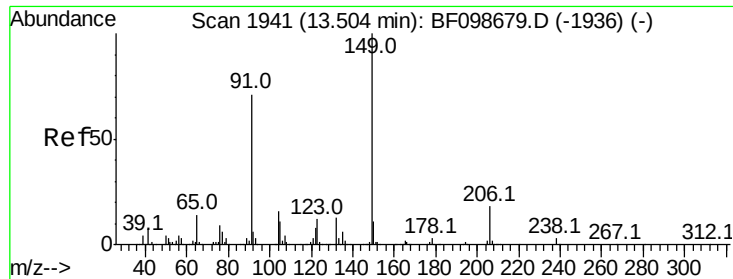
Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion:	244	Resp:	1461685
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4





#79

Butylbenzylphthalate

Concen: 50.669 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

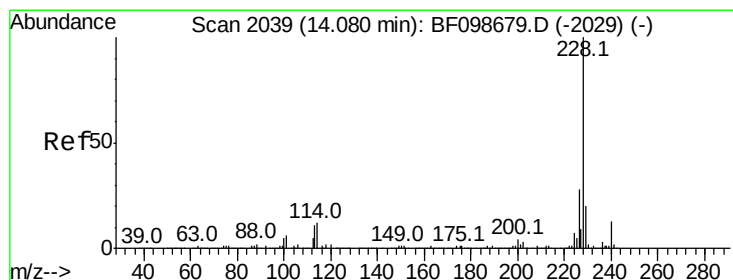
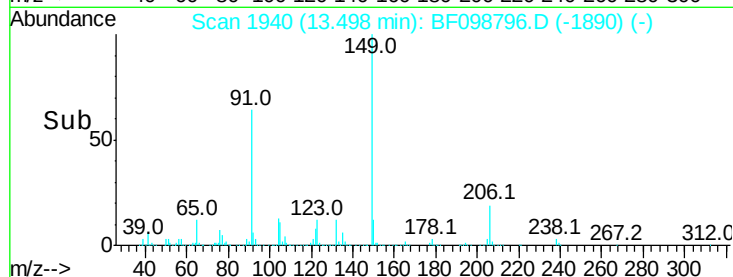
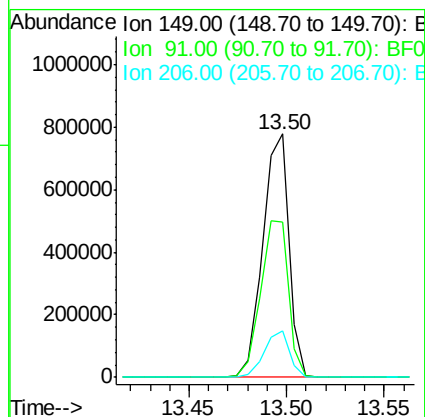
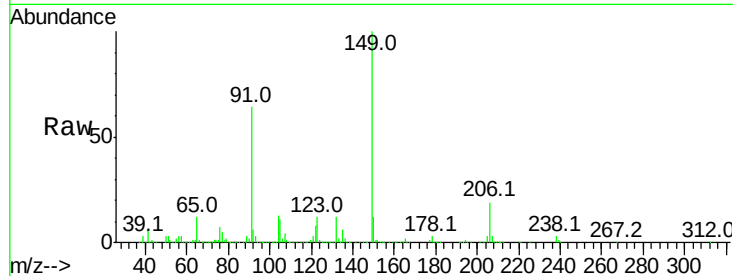
ClientSampleId :

FK-PS-01-016MS

Tot Ion:	149	Resp:	722464
Ion Ratio	Lower	Upper	
149	100		
91	64.0	56.8	85.2
206	19.3	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 45.307 ng

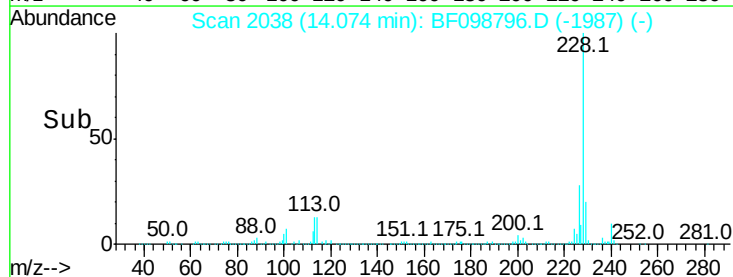
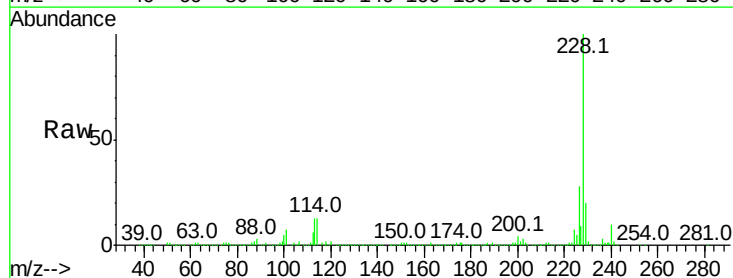
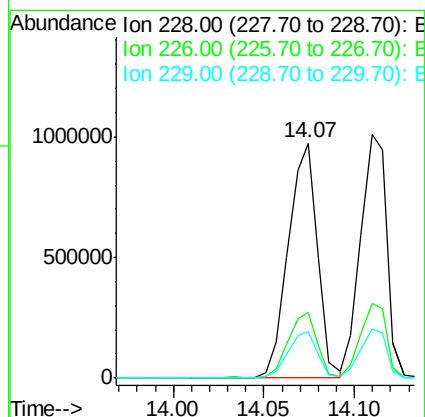
RT: 14.07 min Scan# 2038

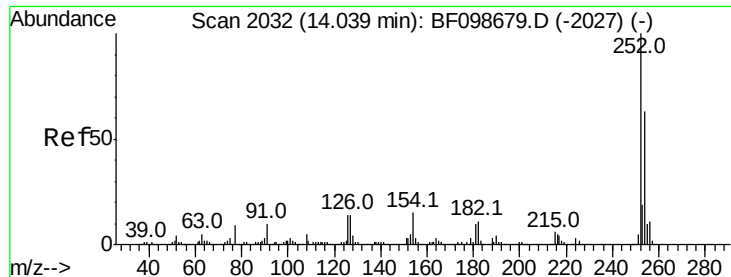
Delta R.T. -0.00 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion:	228	Resp:	1091536
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.1	15.8	23.6





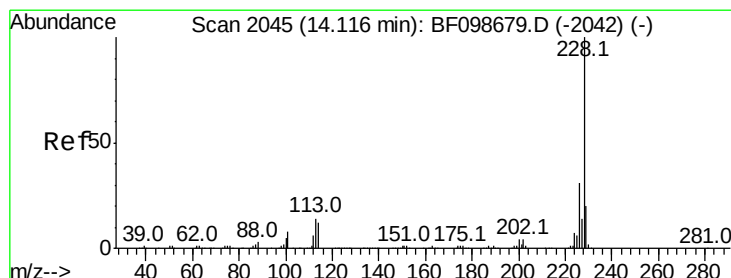
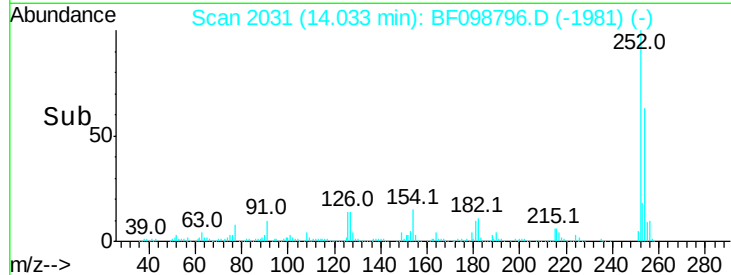
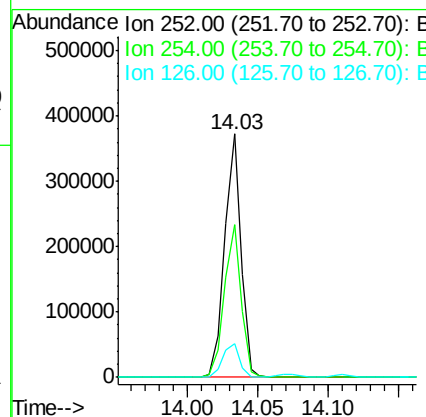
#81
 3,3'-Dichlorobenzidine
 Concen: 34.223 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampled :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	302251		
254	62.9	50.4	75.6	
126	13.6	11.3	16.9	

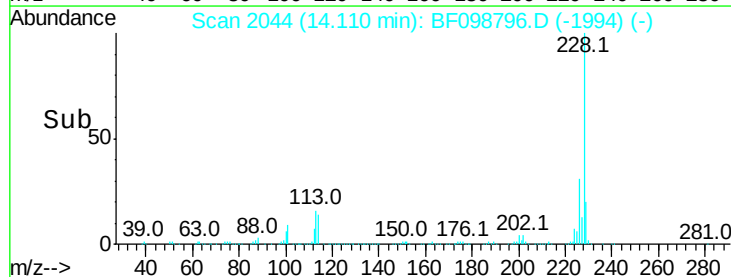
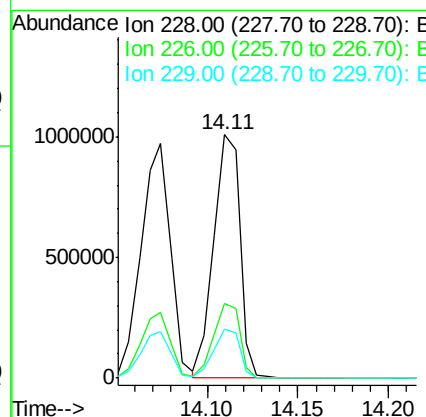
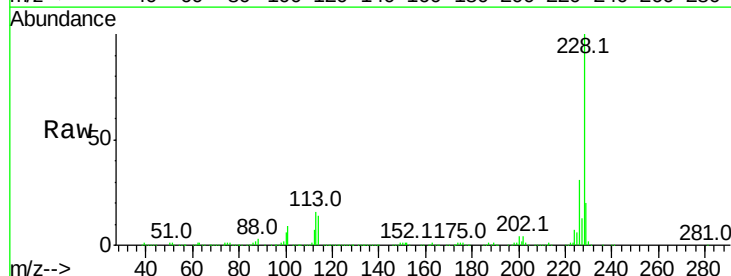
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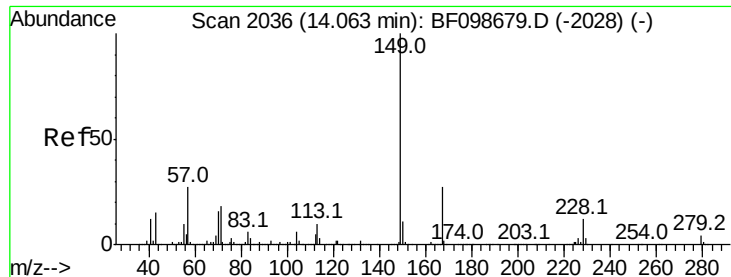
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#82
 Chrysene
 Concen: 44.489 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1020425		
226	30.9	25.0	37.6	
229	19.9	16.2	24.4	





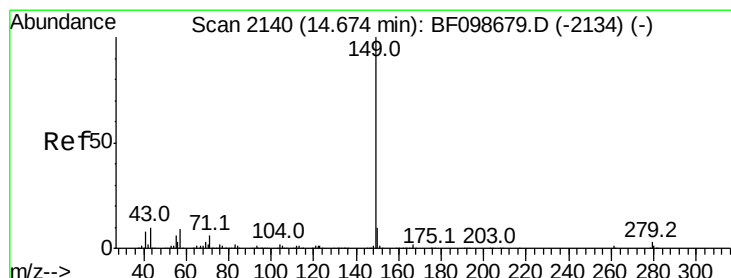
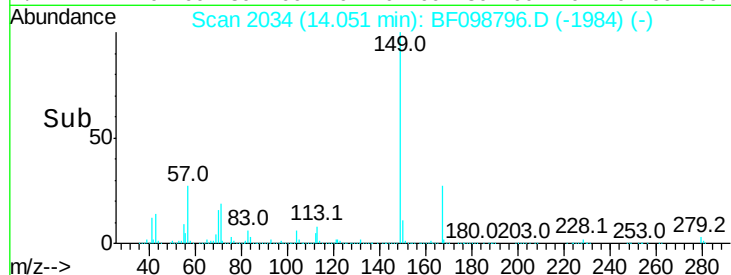
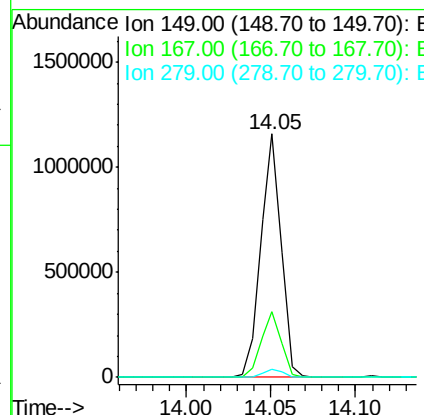
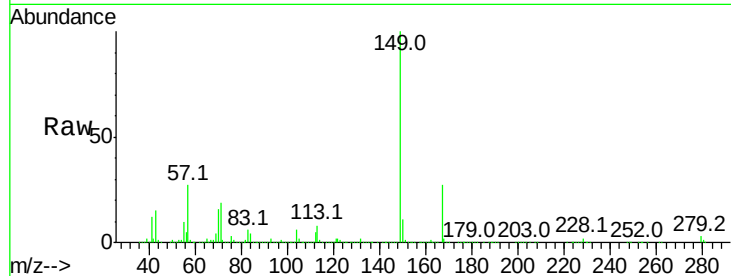
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.783 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	977395		
167	27.0		21.3	31.9
279	3.1		3.0	4.4

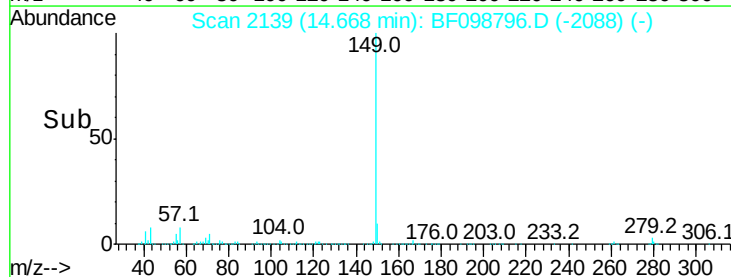
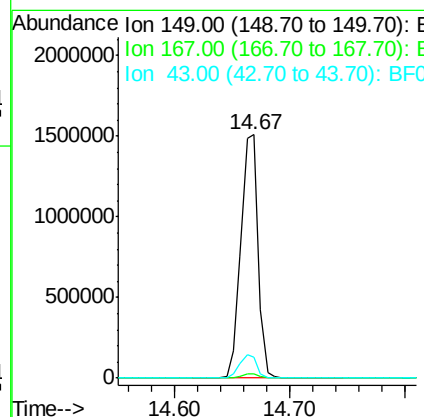
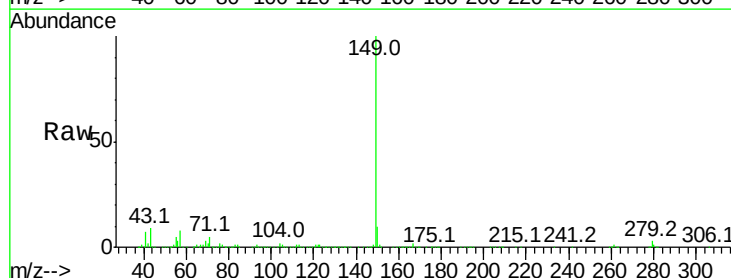
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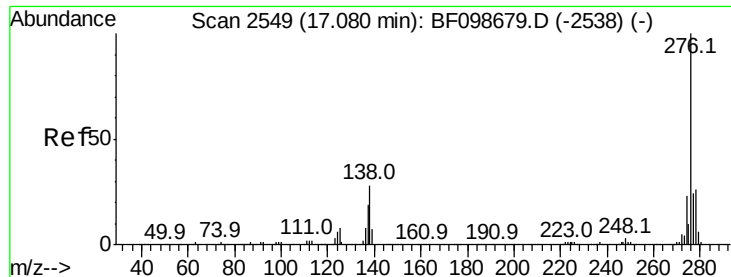
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#84
 Di-n-octyl phthalate
 Concen: 49.377 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1560983		
167	1.6		1.2	1.8
43	9.3		8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.602 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Instrument :

BNA_F

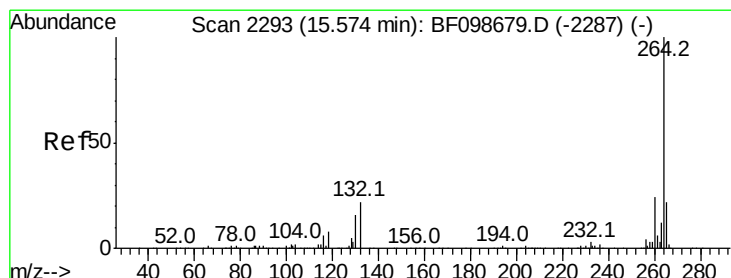
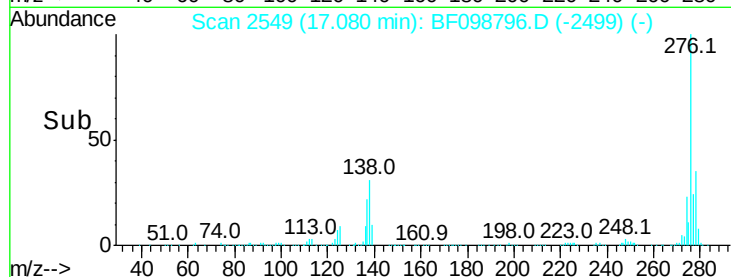
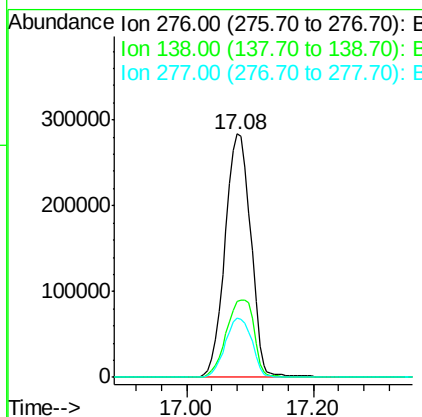
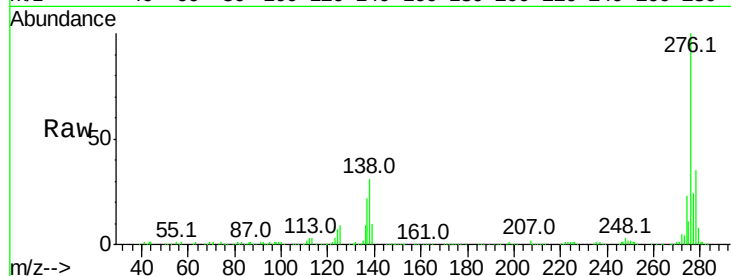
ClientSampleId :

FK-PS-01-016MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	799996		
138	34.3	25.0	37.6	
277	25.2	20.1	30.1	

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#86

Perylene-d12

Concen: 20.000 ng

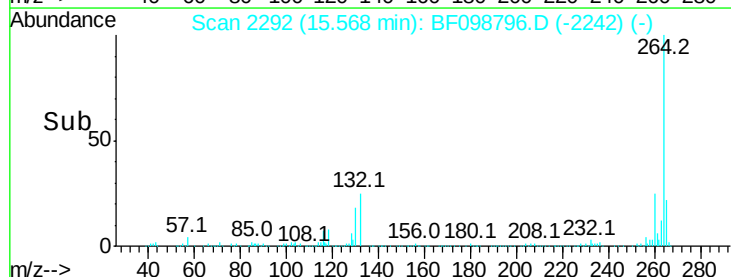
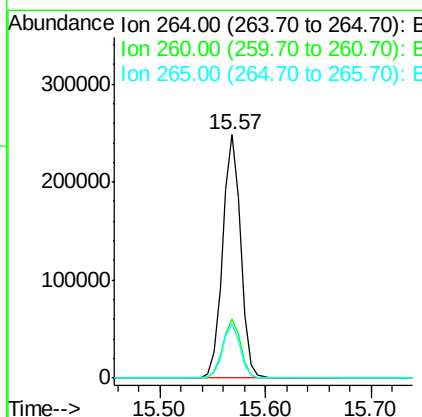
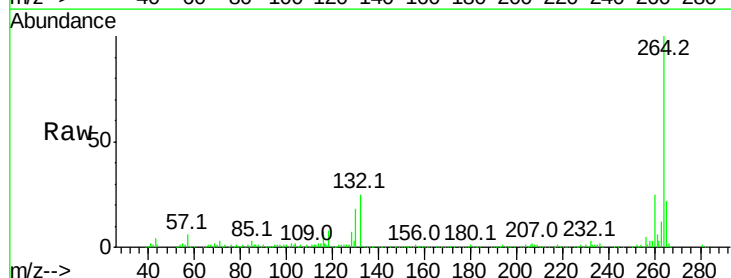
RT: 15.57 min Scan# 2292

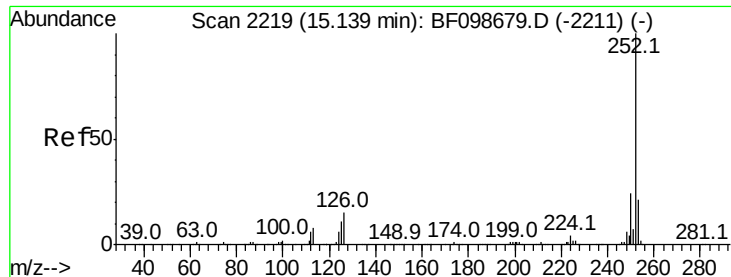
Delta R.T. -0.01 min

Lab File: BF098796.D

Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	296196		
260	24.6	19.2	28.8	
265	22.2	17.5	26.3	





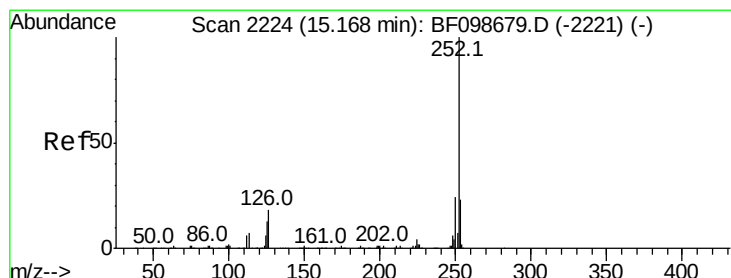
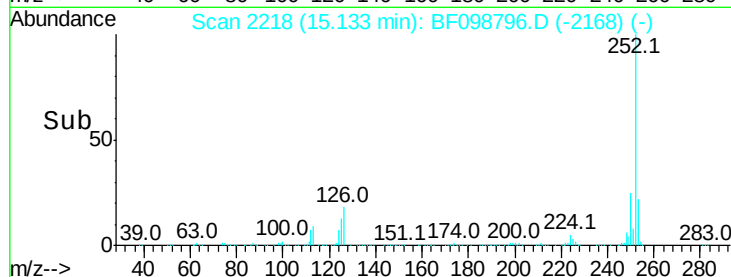
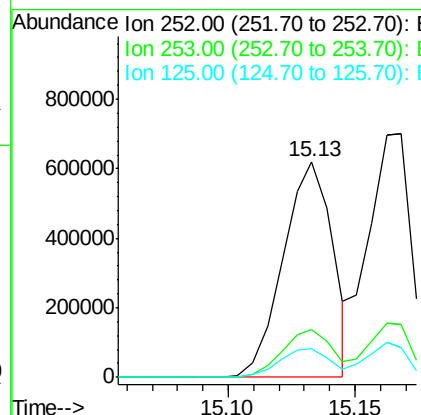
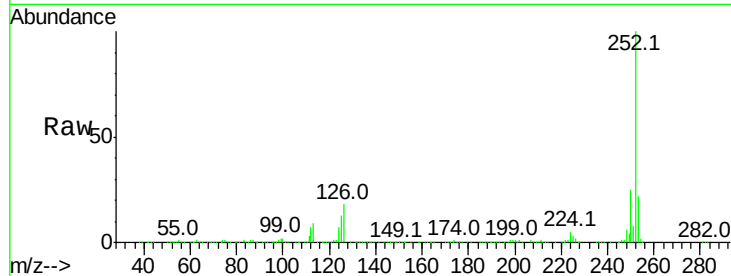
#87
Benzo(b)fluoranthene
Concen: 46.378 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion:	252	Resp:	844601
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	13.5	9.0	13.6

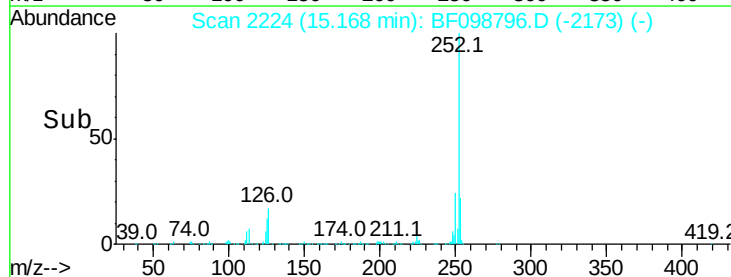
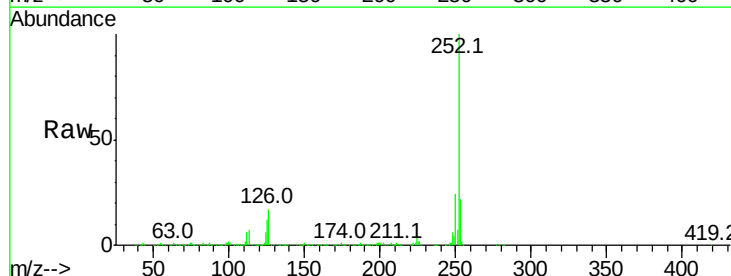
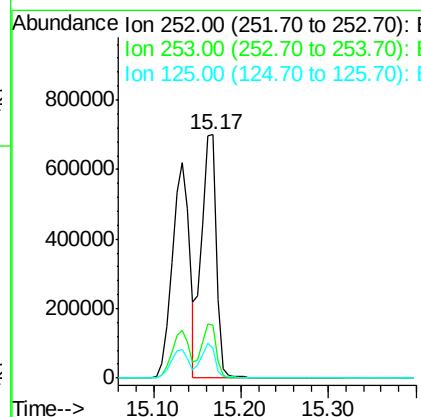
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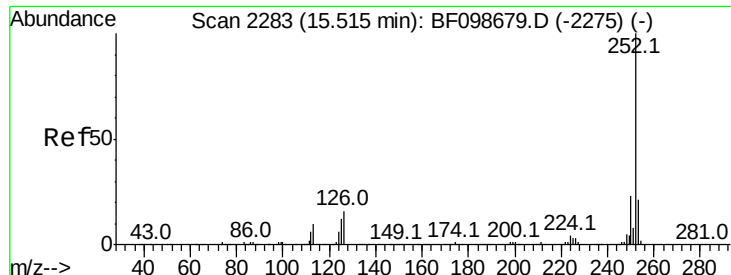
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#88
Benzo(k)fluoranthene
Concen: 46.666 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion:	252	Resp:	839391
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	12.3	10.2	15.2





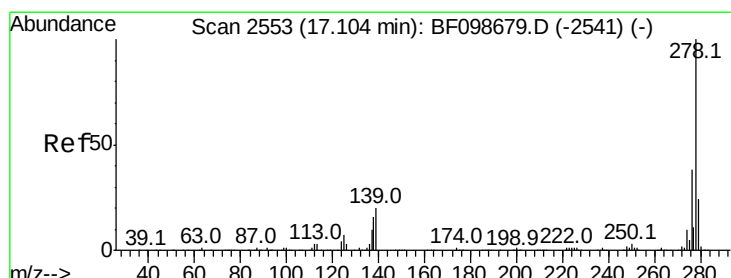
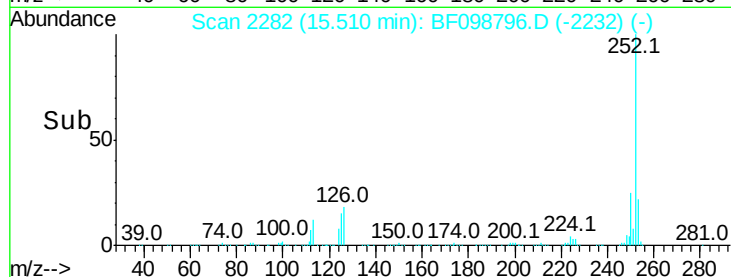
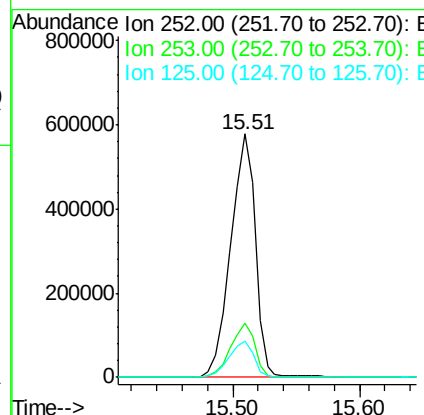
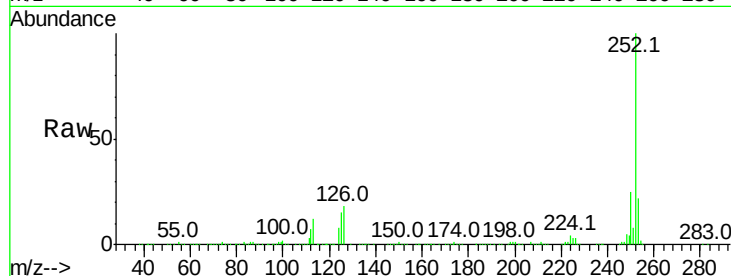
#89
Benzo(a)pyrene
Concen: 46.374 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.1	25.7
125	15.0	9.8	14.6

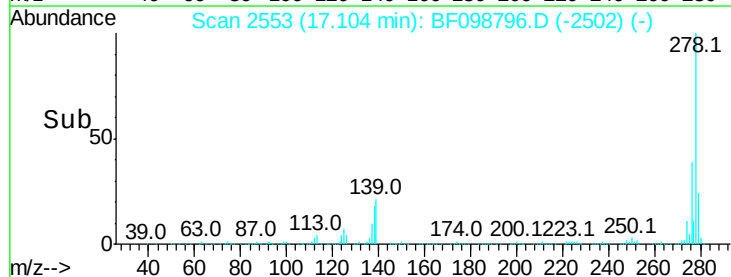
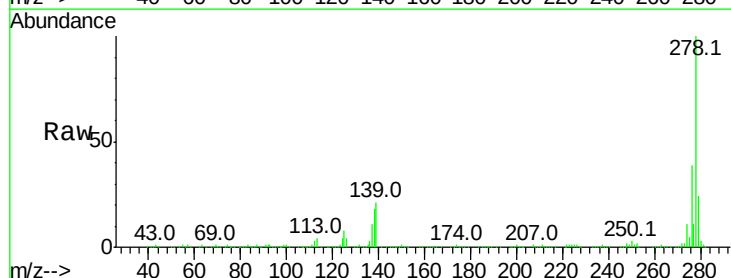
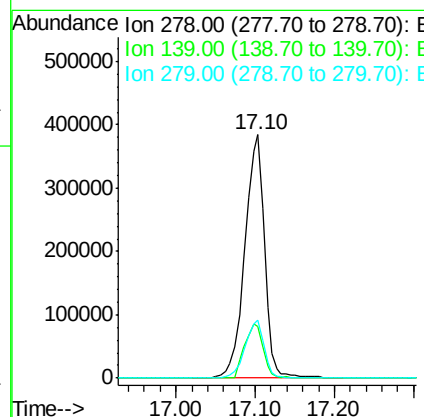
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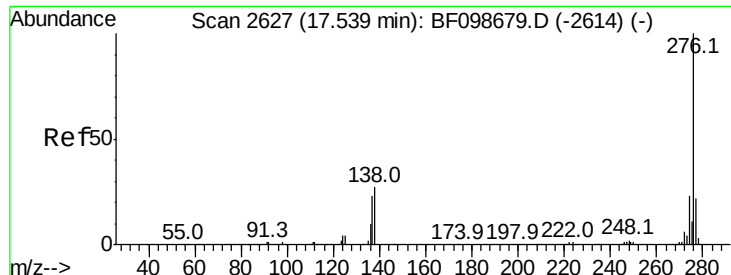
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#90
Dibenzo(a,h)anthracene
Concen: 49.553 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098796.D
Acq: 25 Sep 2017 21:33

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.277 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: BF098796.D
 Acq: 25 Sep 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016MS

Tot Ion:	276	Resp:	678100
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	29.6	21.8	32.8

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