

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096957.D
 Acq On : 21 Jul 2017 21:23
 Operator : SJ/JU
 Sample : I4352-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Manual Integrations
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Sohil
 7/24/2017 3:05:22 PM

Quant Time: Jul 22 02:03:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	110128	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	451751	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	174302	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	236073	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	178987	20.00	ng	-0.04
86) Perylene-d12	15.05	264	194337	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.17	112	811803	110.84	ng	-0.02
7) Phenol-d6	6.23	99	930883	105.91	ng	-0.02
23) Nitrobenzene-d5	7.13	82	567818	77.86	ng	-0.04
41) 2,4,6-Tribromophenol	10.37	330	138965	93.40	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	891465	80.80	ng	-0.04
78) Terphenyl-d14	12.64	244	508183	49.24	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	112413	29.827	ng	# 72
3) Pyridine	2.82	79	374236	47.249	ng	# 68
4) n-Nitrosodimethylamine	2.76	42	226772	51.198	ng	# 85
6) Aniline	6.22	93	239970	22.165	ng	# 66
8) 2-Chlorophenol	6.35	128	286215	36.223	ng	# 96
9) Benzaldehyde	6.10	77	113398	22.322	ng	# 98
10) Phenol	6.24	94	394494	39.703	ng	# 93
11) bis(2-Chloroethyl)ether	6.30	93	289482	38.743	ng	# 92
12) 1,3-Dichlorobenzene	6.50	146	307106	36.564	ng	# 100
13) 1,4-Dichlorobenzene	6.57	146	311920	36.671	ng	# 96
14) 1,2-Dichlorobenzene	6.73	146	280626	36.273	ng	# 97
15) Benzyl Alcohol	6.72	79	214903	37.346	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.85	45	571488	37.061	ng	# 79
17) 2-Methylphenol	6.84	107	222914	36.279	ng	# 91
18) Hexachloroethane	7.07	117	98671	32.715	ng	# 82
19) n-Nitroso-di-n-propylamine	6.99	70	194633	36.756	ng	# 84
20) 3+4-Methylphenols	6.99	107	295446	39.624	ng	# 63
22) Acetophenone	6.97	105	378371	37.474	ng	# 95
24) Nitrobenzene	7.15	77	281960	37.381	ng	# 93
25) Isophorone	7.39	82	508139	37.453	ng	# 97
26) 2-Nitrophenol	7.46	139	156108	37.220	ng	# 91
27) 2,4-Dimethylphenol	7.52	122	251768	36.488	ng	# 97
28) bis(2-Chloroethoxy)methane	7.60	93	344682	37.596	ng	# 99
29) 2,4-Dichlorophenol	7.71	162	226575	36.276	ng	# 96
30) 1,2,4-Trichlorobenzene	7.79	180	214991	36.203	ng	# 99
31) Naphthalene	7.86	128	791159	36.969	ng	# 100
32) Benzoic acid	7.65	122	88138	19.986	ng	# 93
33) 4-Chloroaniline	7.92	127	140262	16.543	ng	# 98
34) Hexachlorobutadiene	7.99	225	112653	35.535	ng	# 96
35) Caprolactam	8.29	113	69983m	34.970	ng	# 91
36) 4-Chloro-3-methylphenol	8.42	107	223754	33.318	ng	# 97
37) 2-Methylnaphthalene	8.55	142	520232	38.130	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	174592	37.054	ng	# 99
40) Hexachlorocyclopentadiene	8.71	237	32861	22.372	ng	# 97

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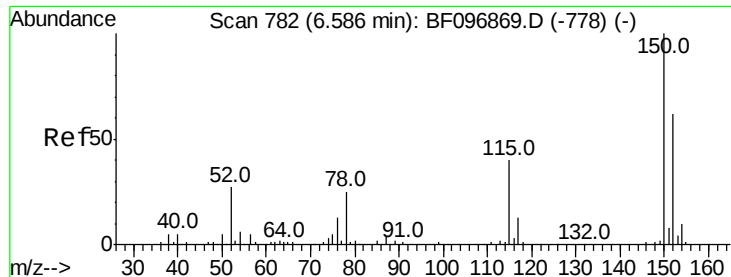
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	130449	37.533	nq	99
43) 2,4,5-Trichlorophenol	8.89	196	128851	36.760	nq	96
45) 1,1'-Biphenyl	9.02	154	560094	37.467	nq	98
46) 2-Chloronaphthalene	9.04	162	423330	38.458	nq	95
47) 2-Nitroaniline	9.14	65	149229	39.440	nq	95
48) Acenaphthylene	9.45	152	642230	36.618	nq	99
49) Dimethylphthalate	9.33	163	652474	49.715	nq	98
50) 2,6-Dinitrotoluene	9.39	165	107704	37.887	nq #	91
51) Acenaphthene	9.62	154	362213	34.960	nq	97
52) 3-Nitroaniline	9.55	138	79605	23.638	nq	96
53) 2,4-Dinitrophenol	9.66	184	40970	33.395	nq #	75
54) Dibenzofuran	9.79	168	527749	36.349	nq	98
55) 4-Nitrophenol	9.73	139	122842	49.930	nq #	58
56) 2,4-Dinitrotoluene	9.79	165	118473	32.432	nq #	63
57) Fluorene	10.13	166	382465	35.648	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	87153	35.851	nq	98
59) Diethylphthalate	10.02	149	453719	35.512	nq	100
60) 4-Chlorophenyl-phenylether	10.13	204	165827	35.200	nq	98
61) 4-Nitroaniline	10.16	138	98630	31.188	nq	91
62) Azobenzene	10.29	77	414839	36.805	nq	93
64) 4,6-Dinitro-2-methylphenol	10.20	198	34602	23.345	nq	81
65) n-Nitrosodiphenylamine	10.25	169	352093	41.724	nq	98
66) 4-Bromophenyl-phenylether	10.62	248	97952	40.640	nq	98
67) Hexachlorobenzene	10.68	284	95674	35.641	nq #	87
68) Atrazine	10.78	200	98148	40.824	nq	94
69) Pentachlorophenol	10.88	266	72973	56.271	nq	99
70) Phenanthrene	11.09	178	508899	39.646	nq	100
71) Anthracene	11.14	178	504396	38.865	nq	98
72) Carbazole	11.30	167	471348	37.504	nq	98
73) Di-n-butylphthalate	11.64	149	596716	38.124	nq	98
74) Fluoranthene	12.27	202	514692	41.891	nq	99
76) Benzidine	12.39	184	221286	37.738	nq #	92
77) Pyrene	12.49	202	528248	32.520	nq	98
79) Butylbenzylphthalate	13.12	149	228605	29.619	nq #	77
80) Benzo(a)anthracene	13.68	228	438200	39.293	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	134598	33.562	nq #	97
82) Chrysene	13.72	228	416332	37.921	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	290908	30.950	nq #	99
84) Di-n-octyl phthalate	14.30	149	587159	37.791	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.32	276	373751	36.972	nq	98
87) Benzo(b)fluoranthene	14.69	252	503340	42.944	nq	98
88) Benzo(k)fluoranthene	14.71	252	357130	32.177	nq #	95
89) Benzo(a)pyrene	15.00	252	415084	38.612	nq	97
90) Dibenzo(a,h)anthracene	16.33	278	297208	30.046	nq	96
91) Benzo(g,h,i)perylene	16.69	276	297375	28.074	nq	97

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



#1

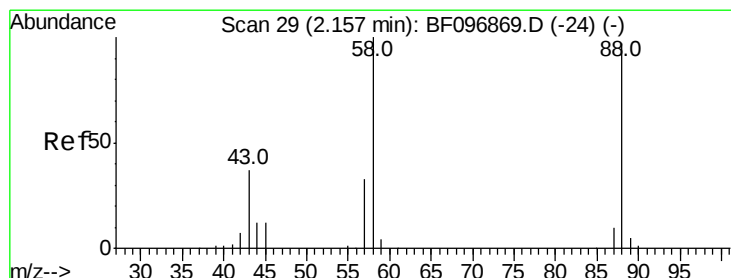
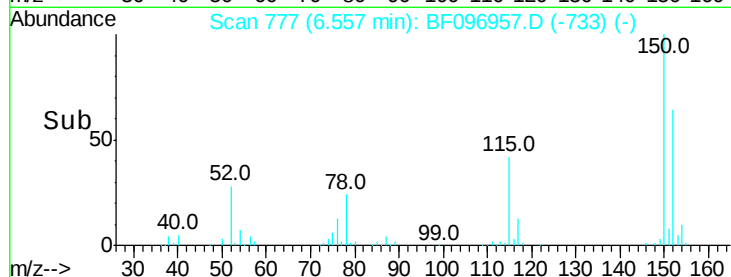
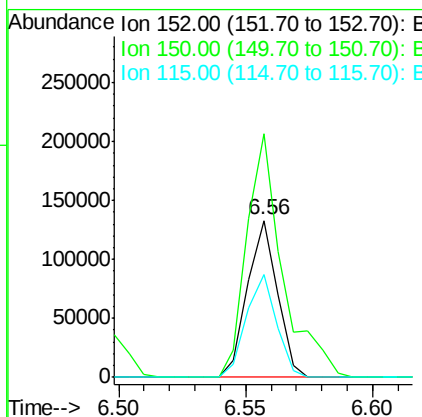
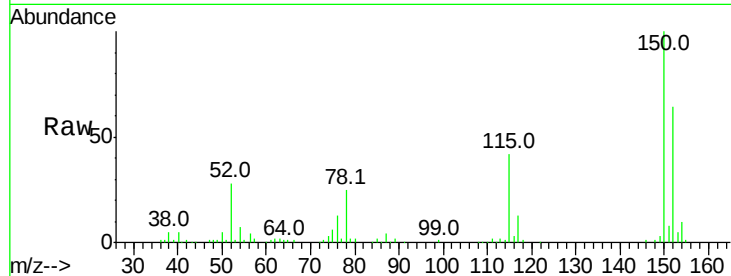
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Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	65.3	52.2	78.2

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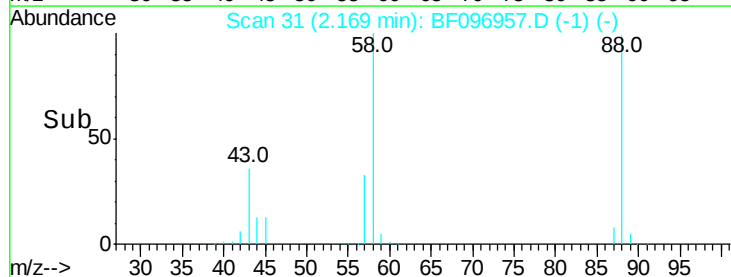
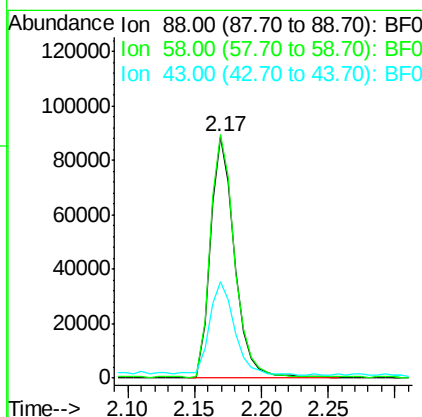
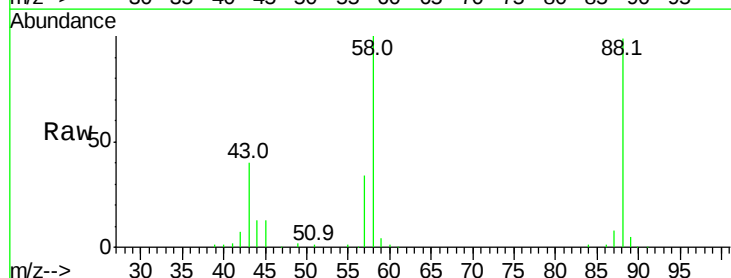
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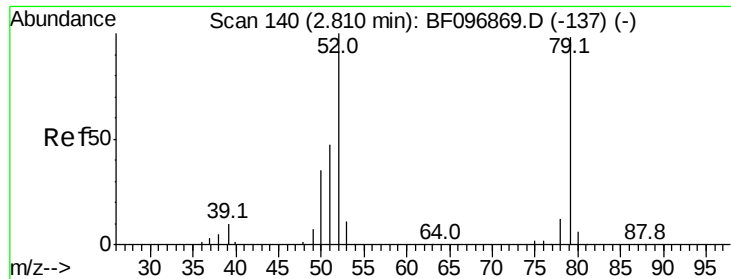


#2

1,4-Dioxane
Concen: 29.827 ng
RT: 2.17 min Scan# 31
Delta R.T. -0.02 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.8	61.4	92.0#
43	40.8	23.4	35.0#





#3

Pvridine

Concen: 47.249 ng

RT: 2.82 min Scan# 142

Delta R.T. -0.02 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-AMS

Tot Ion: 79 Resp: 374236

Ion Ratio Lower Upper

79 100

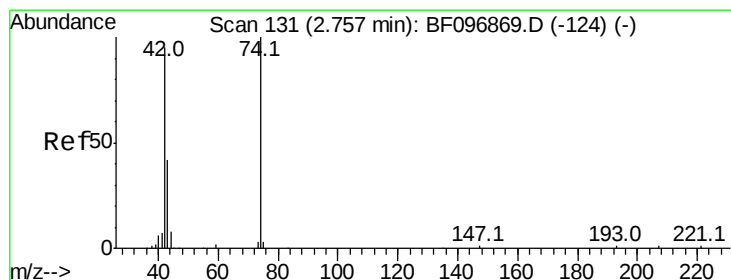
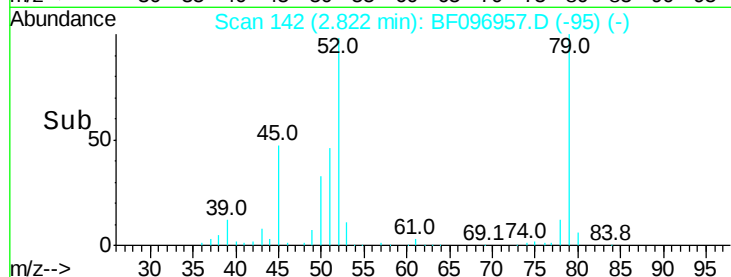
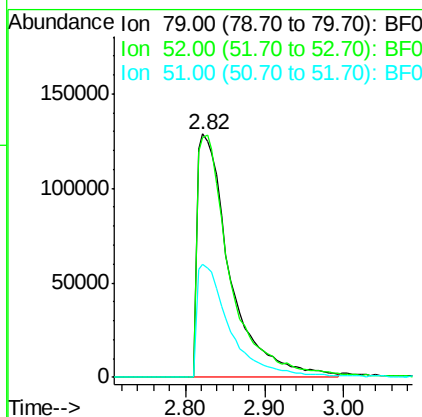
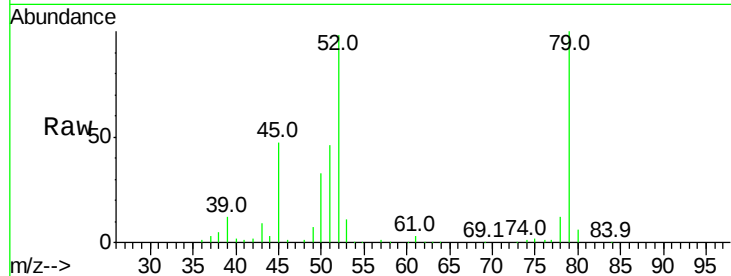
52 98.4 54.8 82.2#

51 46.3 27.0 40.4#

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#4

n-Nitrosodimethylamine

Concen: 51.198 ng

RT: 2.76 min Scan# 132

Delta R.T. -0.04 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

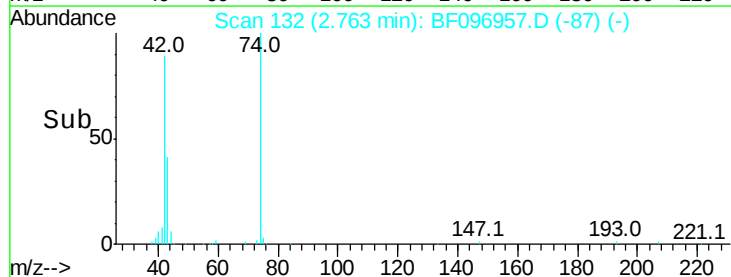
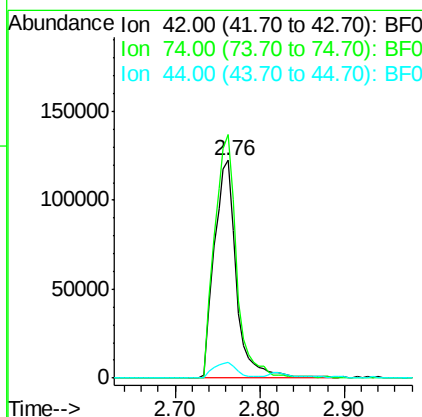
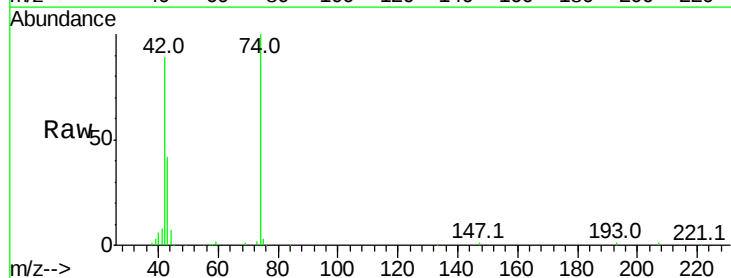
Tgt Ion: 42 Resp: 226772

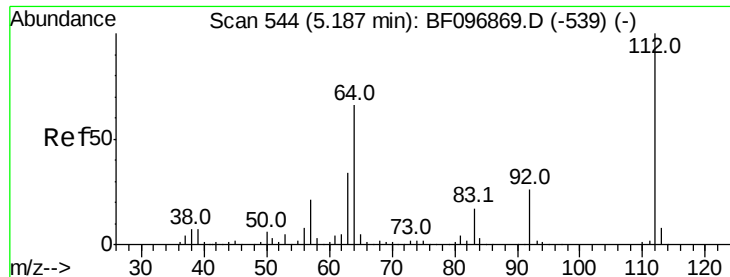
Ion Ratio Lower Upper

42 100

74 112.0 103.9 155.9

44 7.4 5.7 8.5





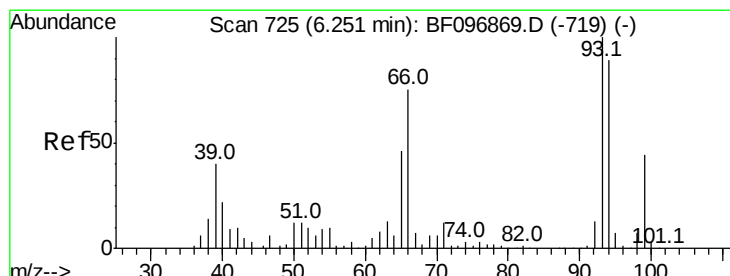
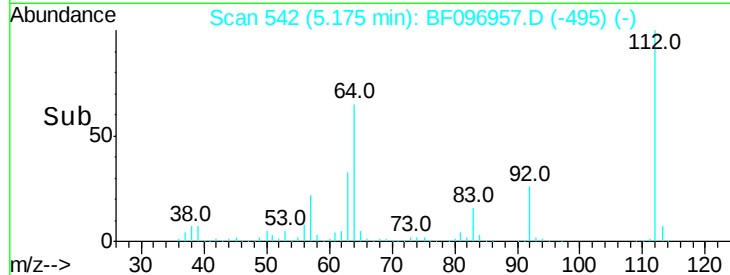
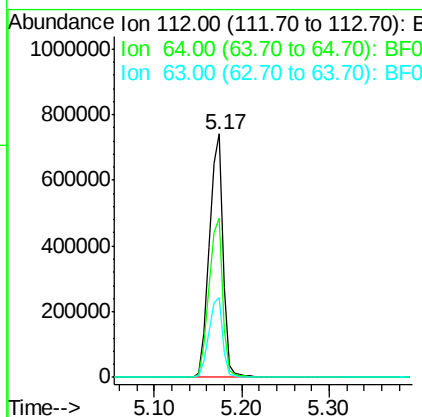
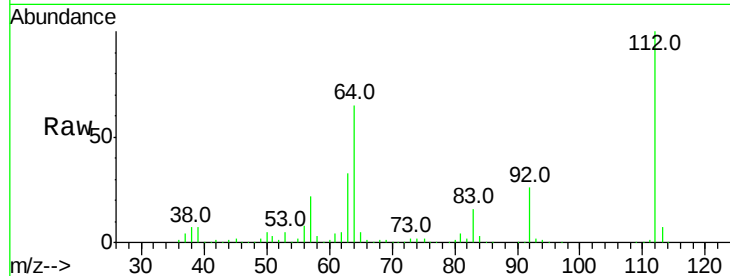
#5
 2-Fluorophenol
 Concen: 110.836 ng
 RT: 5.17 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion:	112	Resp:	811803
Ion Ratio	Lower	Upper	
112	100		
64	65.3	46.0	69.0
63	32.7	23.4	35.0

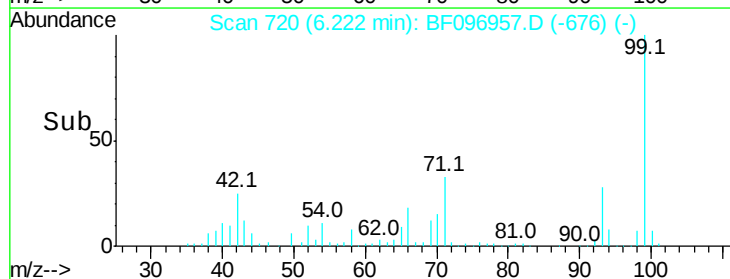
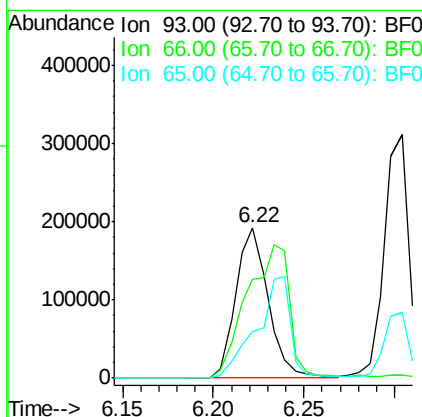
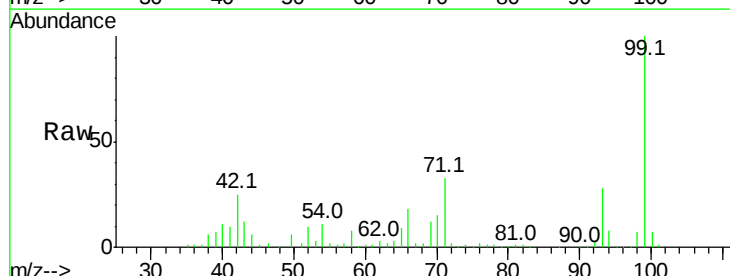
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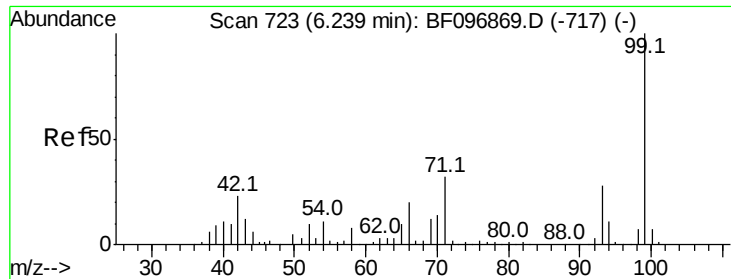
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#6
 Aniline
 Concen: 22.165 ng
 RT: 6.22 min Scan# 720
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion:	93	Resp:	239970
Ion Ratio	Lower	Upper	
93	100		
66	65.6	32.9	49.3#
65	31.4	16.0	24.0#





#7

Phenol-d6

Concen: 105.909 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

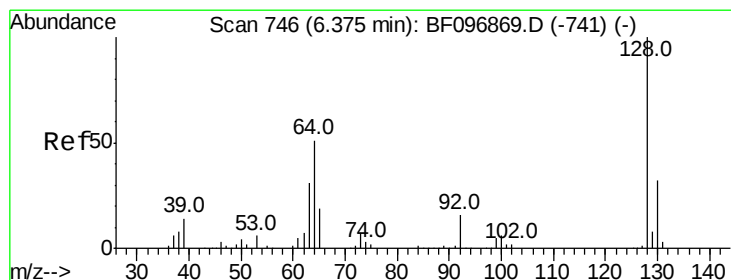
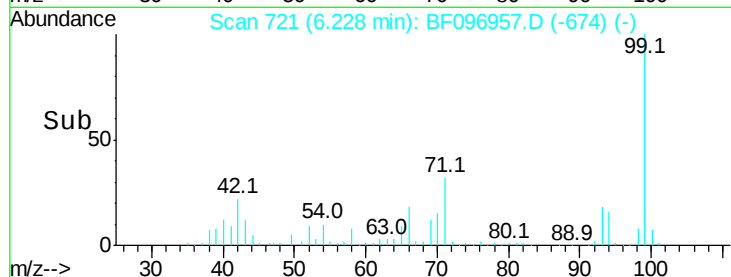
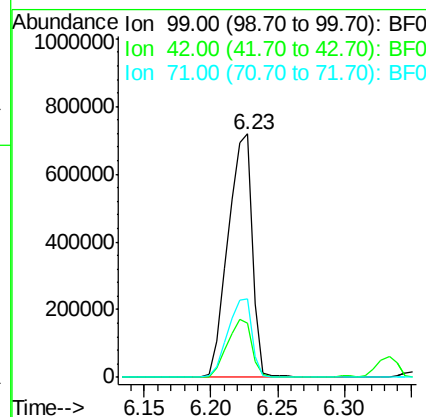
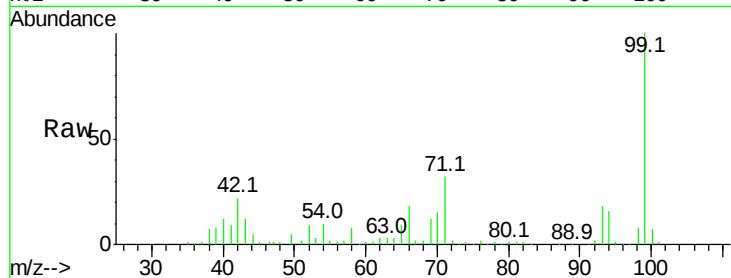
ClientSampleId :

FK-SF-03-001-AMS

Tot Ion:	99	Resp:	930883
Ion Ratio	Lower	Upper	
99	100		
42	22.4	13.5	20.3#
71	32.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 36.223 ng

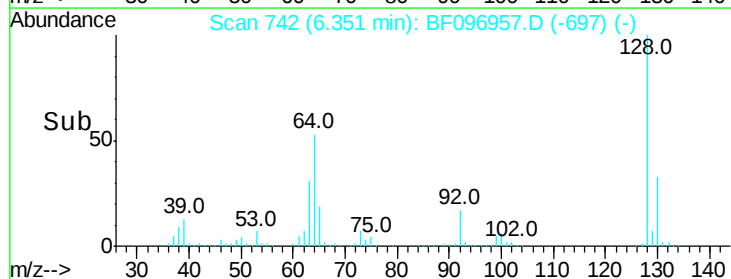
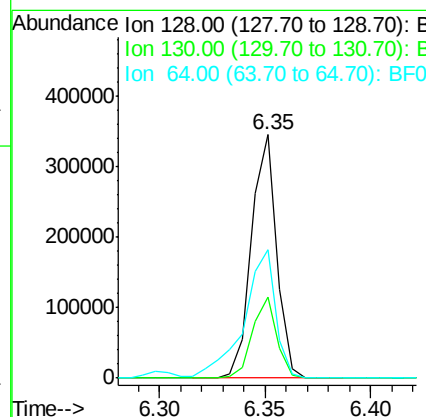
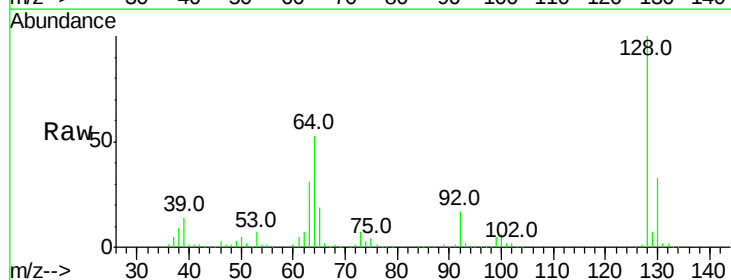
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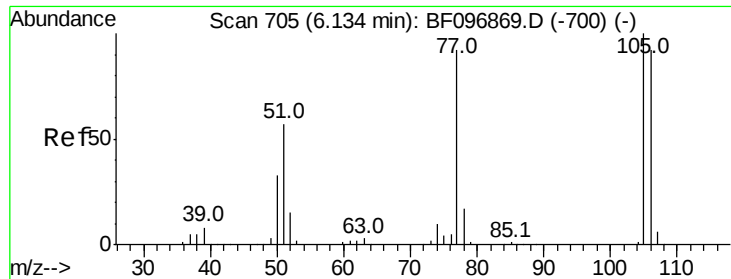
Delta R.T. -0.04 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Tgt Ion:	128	Resp:	286215
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	52.6	28.4	68.4





#9

Benzaldehyde

Concen: 22.322 ng

RT: 6.10 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-AMS

Tot Ion: 77 Resp: 113398

Ion Ratio Lower Upper

77 100

105 101.8 83.8 123.8

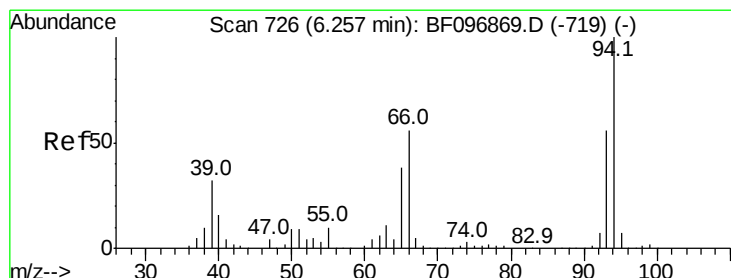
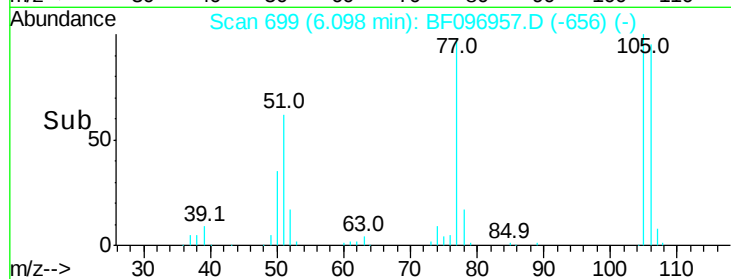
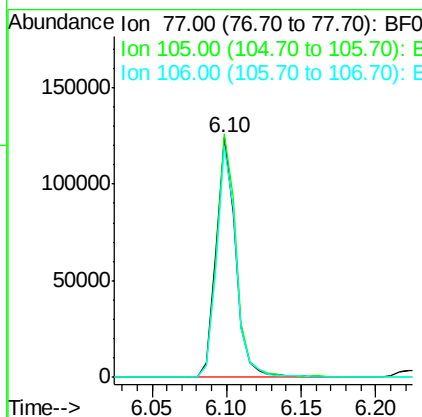
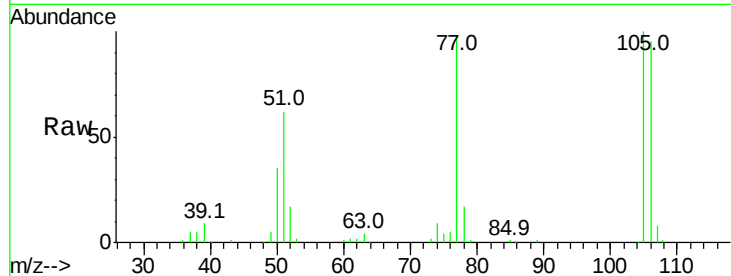
106 96.6 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 39.703 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

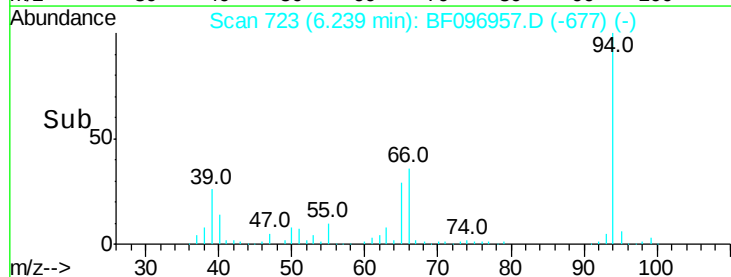
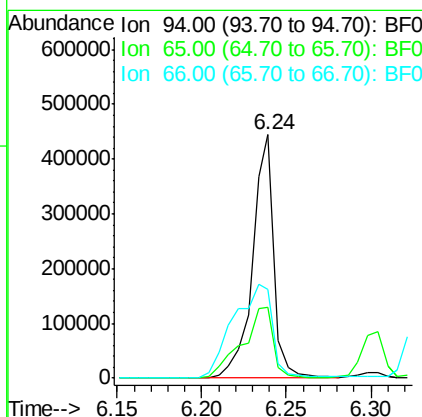
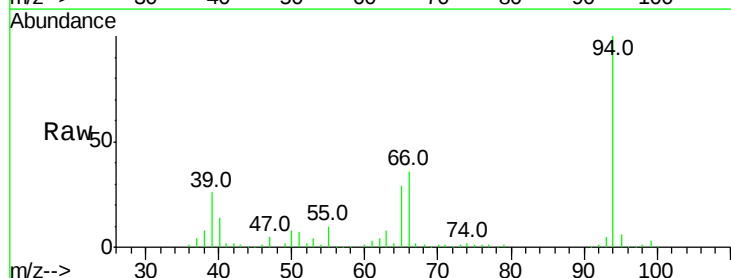
Tgt Ion: 94 Resp: 394494

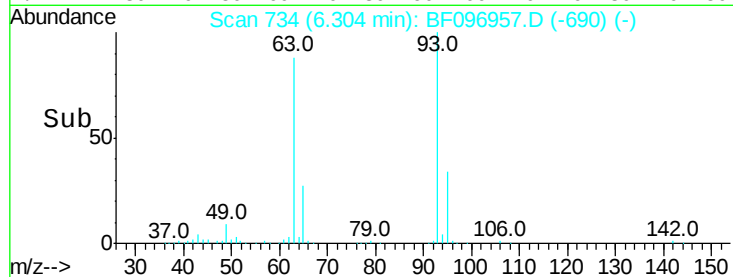
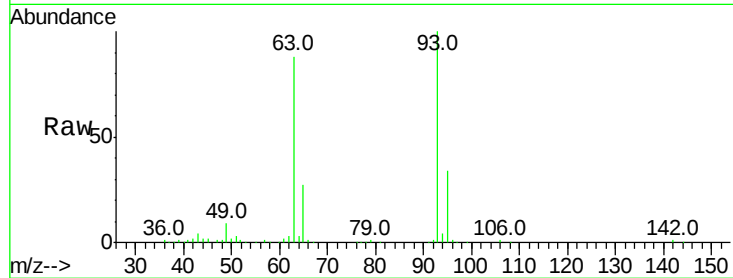
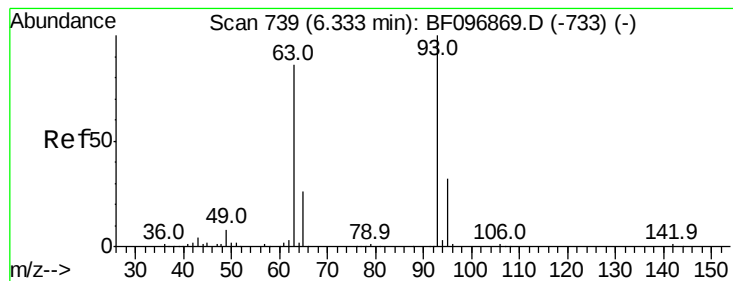
Ion Ratio Lower Upper

94 100

65 29.3 9.9 49.9

66 36.4 23.1 63.1





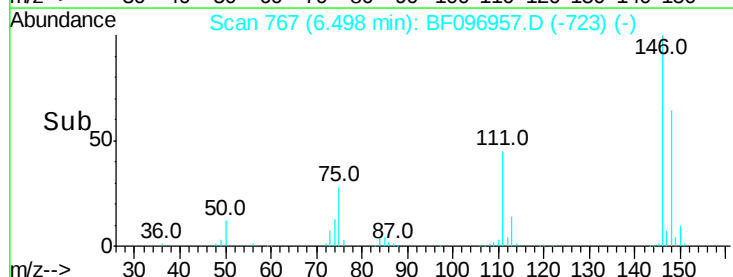
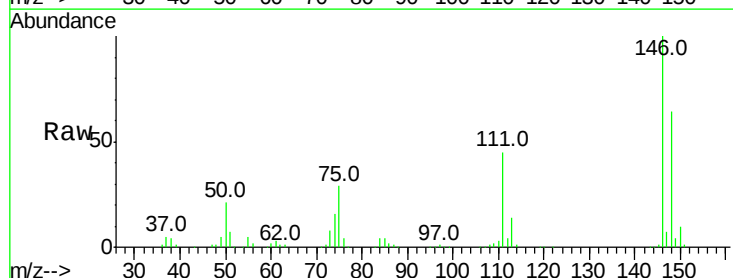
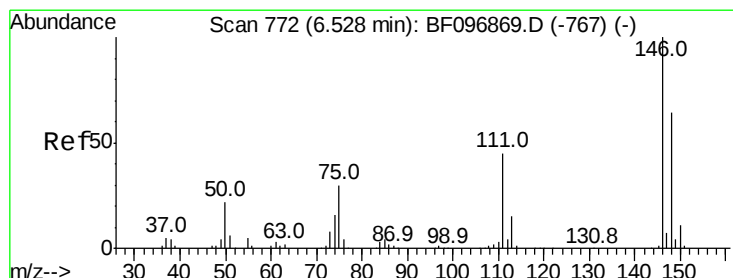
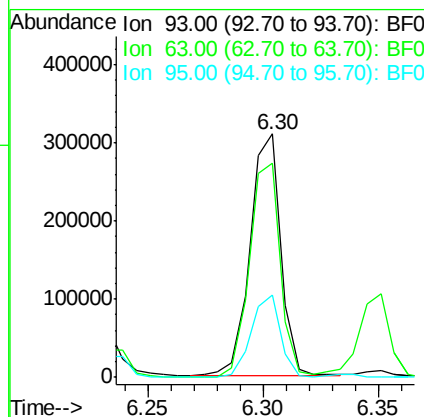
#11
bis(2-Chloroethyl)ether
Concen: 38.743 ng
RT: 6.30 min Scan# 734
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tot Ion	93	Resp	289482
Ion Ratio	100	Lower	Upper
93	100		
63	88.1	59.2	99.2
95	33.6	12.8	52.8

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

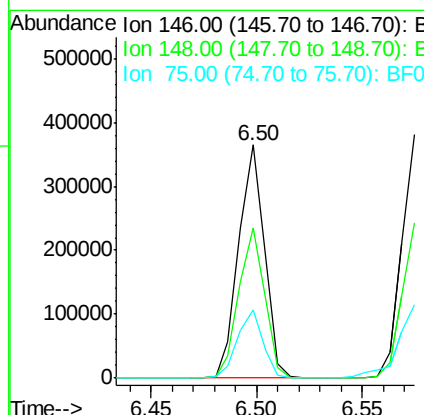
Manual Integrations
APPROVED

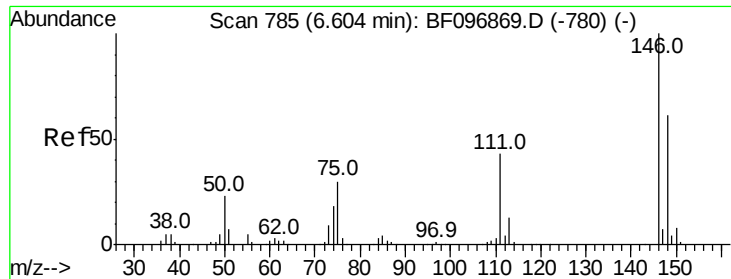
Sohil
7/24/2017 3:05:22 PM



#12
1,3-Dichlorobenzene
Concen: 36.564 ng
RT: 6.50 min Scan# 767
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	146	Resp	307106
Ion Ratio	100	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	29.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 36.671 ng

RT: 6.57 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

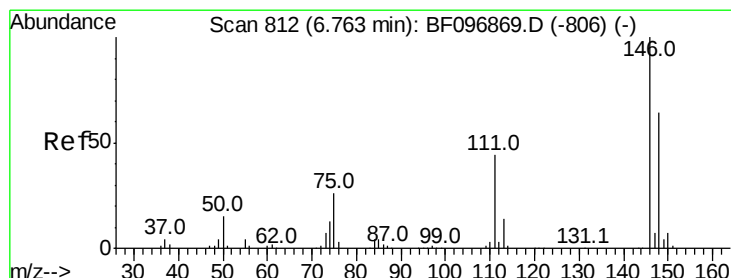
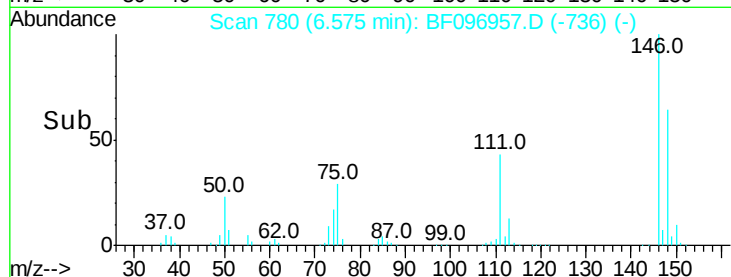
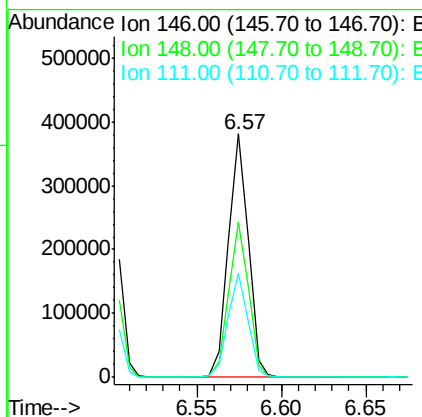
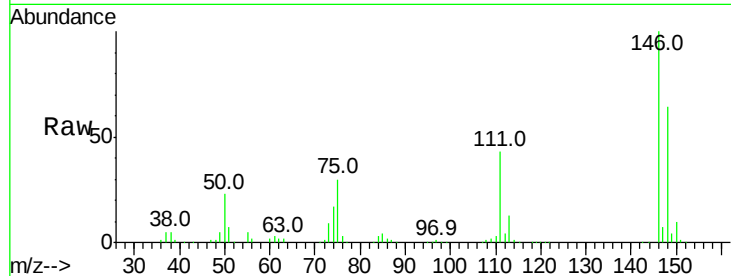
ClientSampleId :

FK-SF-03-001-AMS

Tot Ion:	146	Resp:	311920
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	42.7	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.273 ng

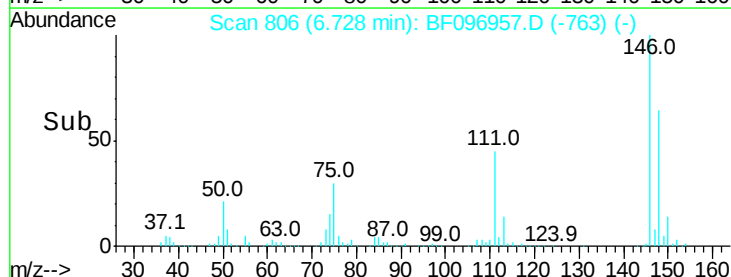
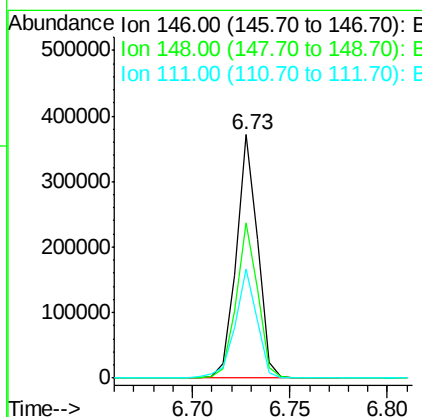
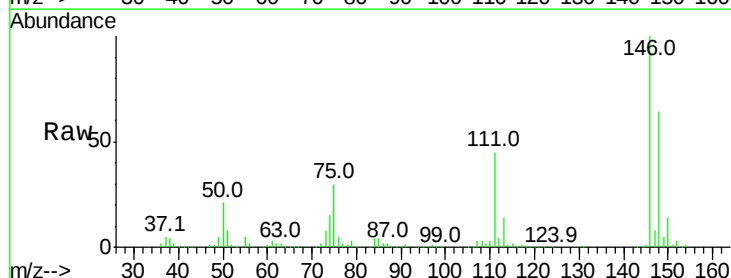
RT: 6.73 min Scan# 806

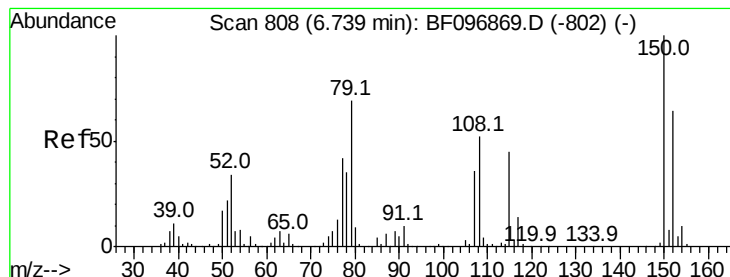
Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Tgt Ion:	146	Resp:	280626
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
111	44.8	38.2	57.4





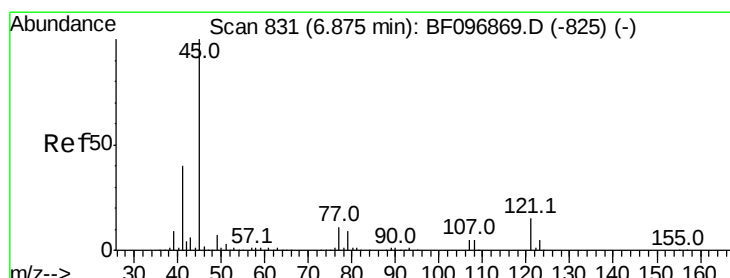
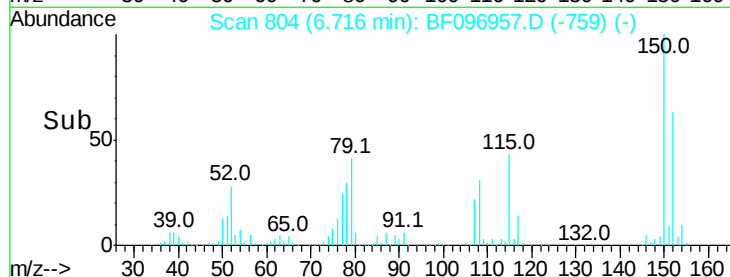
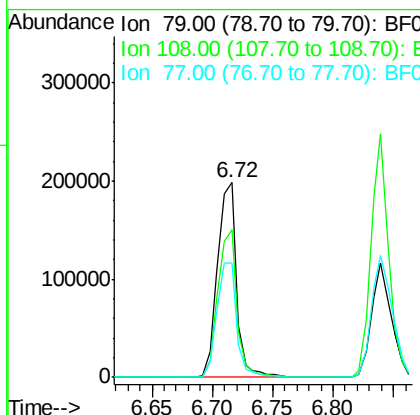
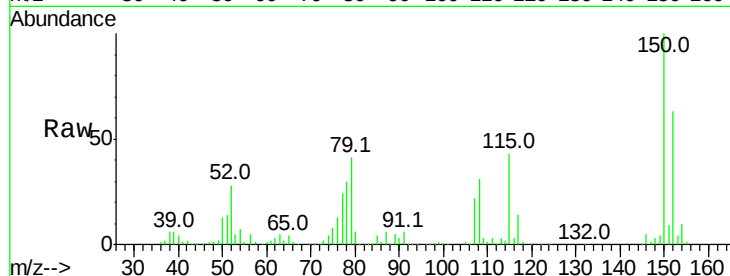
#15
Benzyl Alcohol
Concen: 37.346 ng
RT: 6.72 min Scan# 804
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	63.4	95.0
77	59.0	49.2	73.8

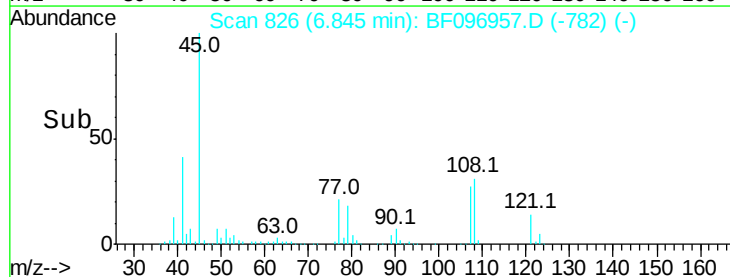
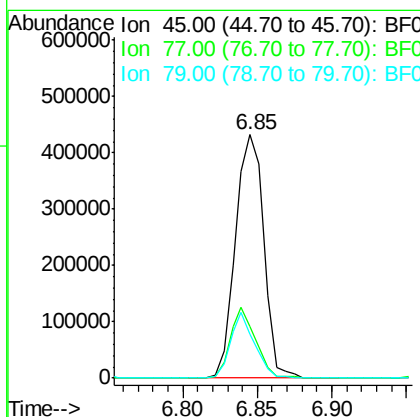
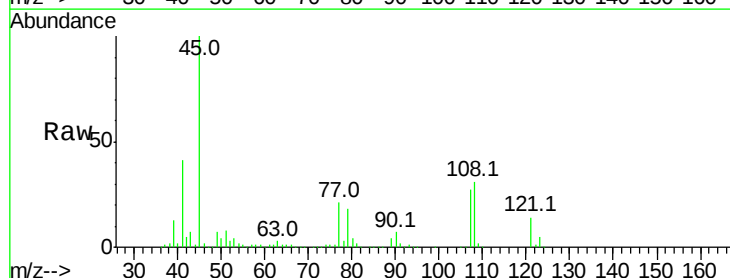
Manual Integrations
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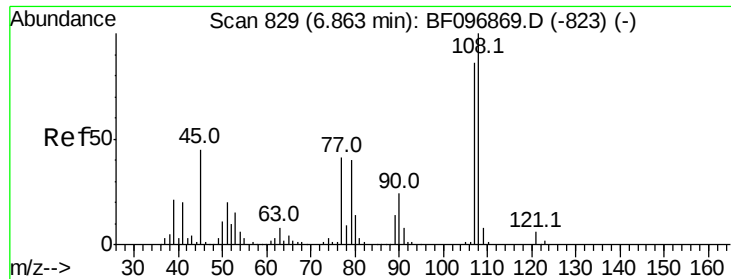
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.061 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.3	0.0	33.2
79	17.8	0.0	30.0





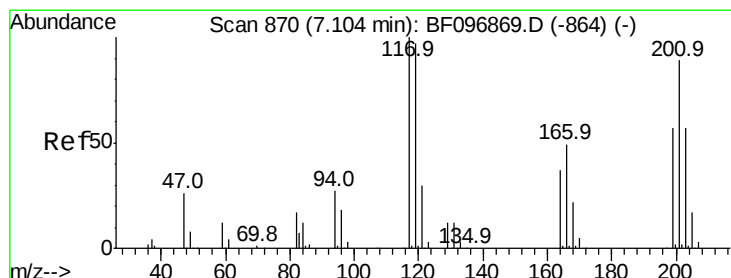
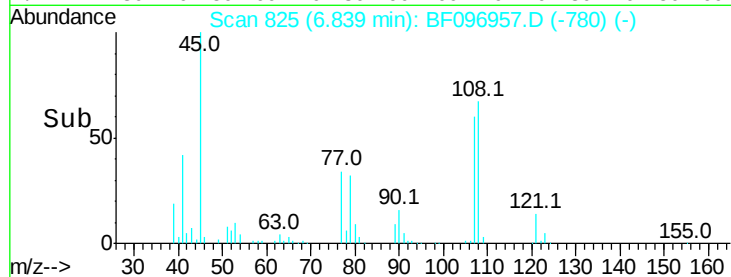
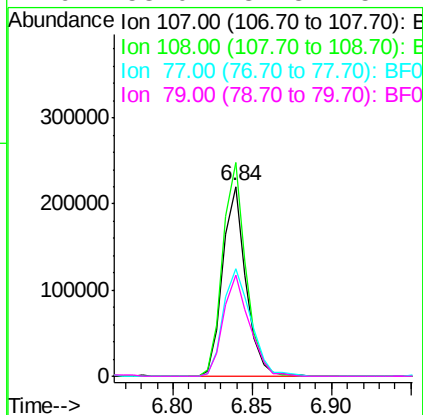
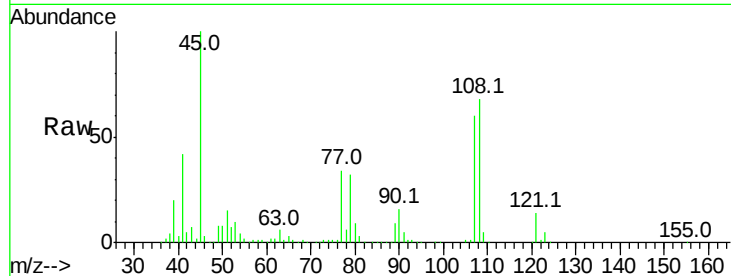
#17
2-Methylphenol
Concen: 36.279 ng
RT: 6.84 min Scan# 825
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	222914		
108	112.6	93.4	140.0	
77	56.7	35.8	53.6#	
79	53.0	34.8	52.2#	

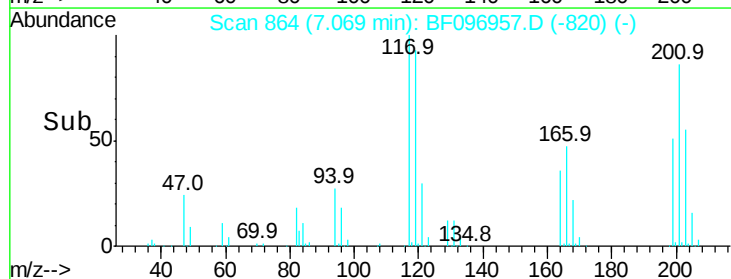
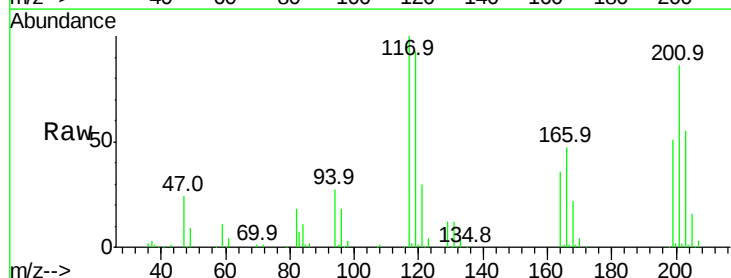
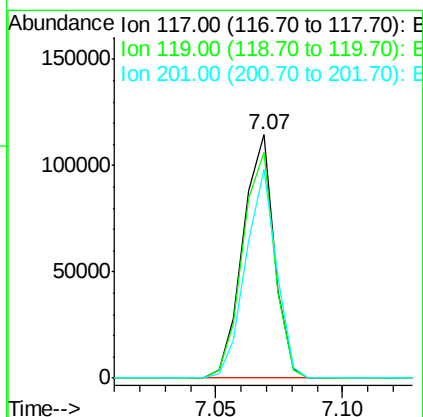
Manual Integrations
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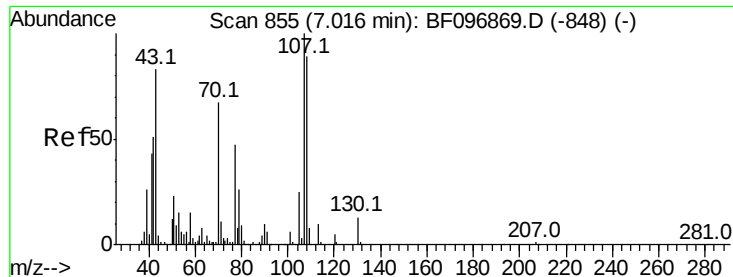
Sohil
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#18
Hexachloroethane
Concen: 32.715 ng
RT: 7.07 min Scan# 864
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	98671		
119	92.8	77.4	116.0	
201	85.7	94.6	141.8#	





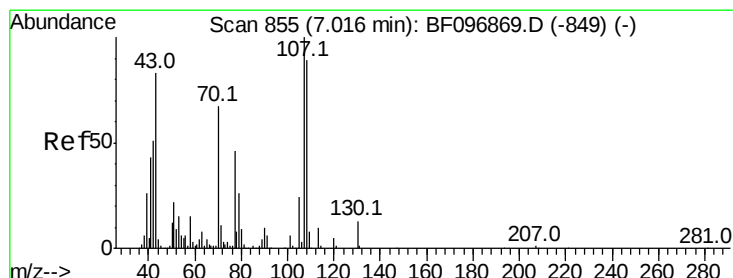
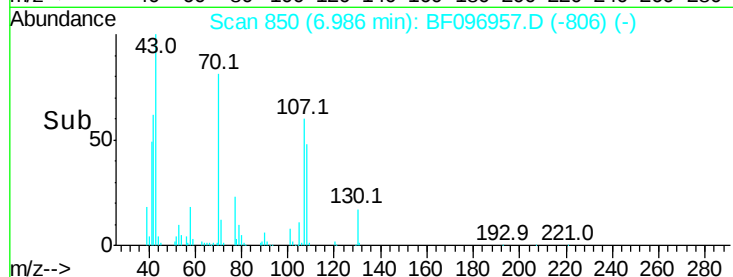
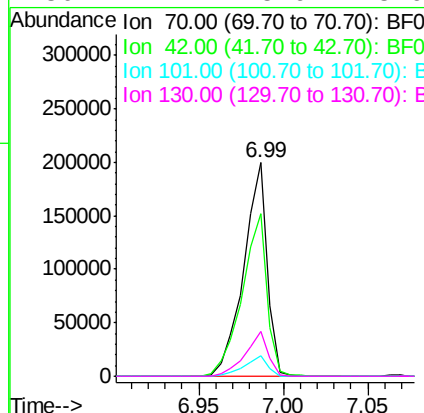
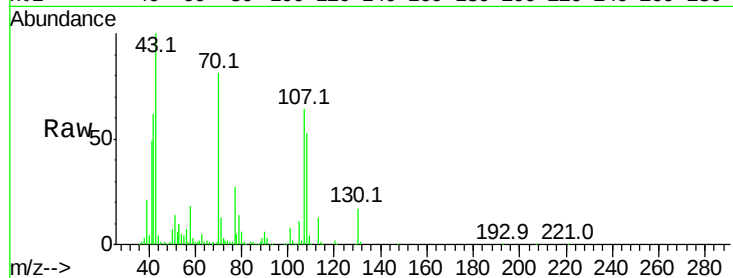
#19
n-Nitroso-di-n-propylamine
Concen: 36.756 ng
RT: 6.99 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	76.4	47.2	70.8#		
101	9.7	7.2	10.8		
130	21.1	15.9	23.9		

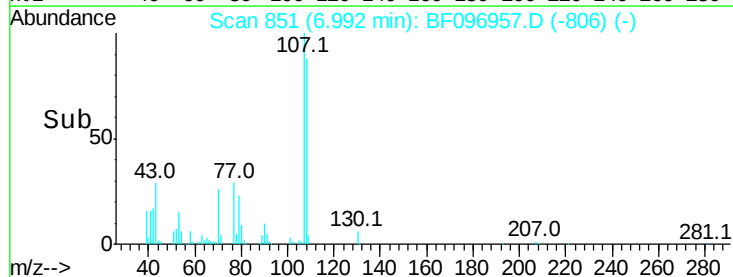
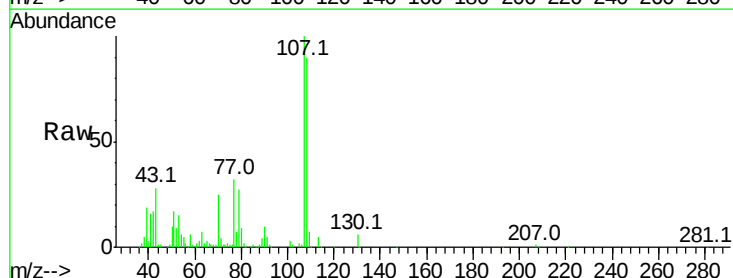
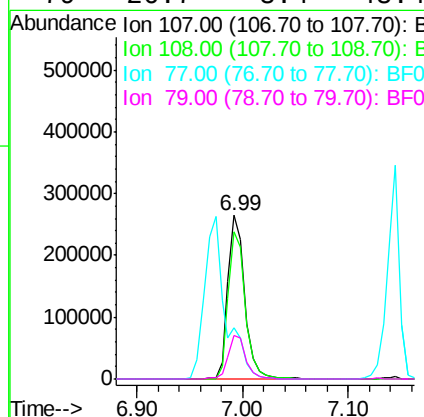
Manual Integrations
APPROVED

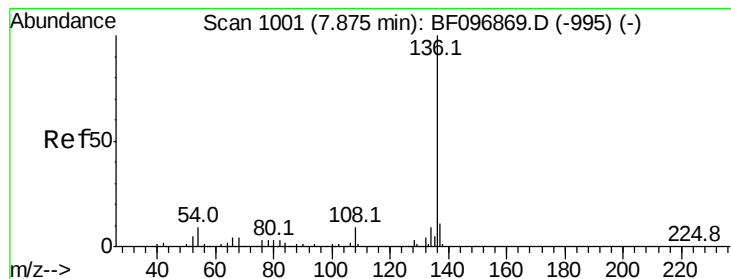
Sohil
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#20
3+4-Methylphenols
Concen: 39.624 ng
RT: 6.99 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.7	71.0	111.0		
77	31.6	90.5	130.5#		
79	26.7	8.4	48.4		





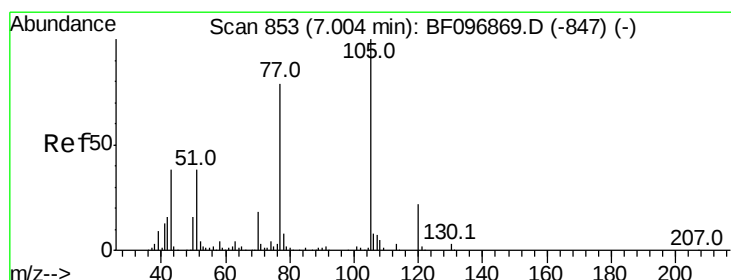
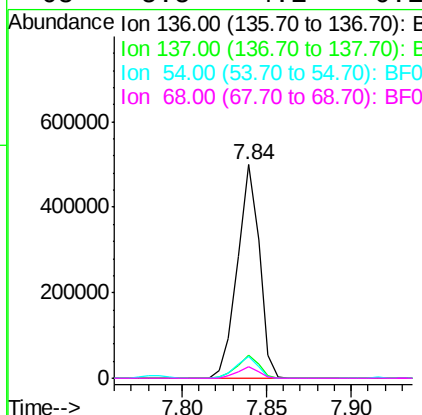
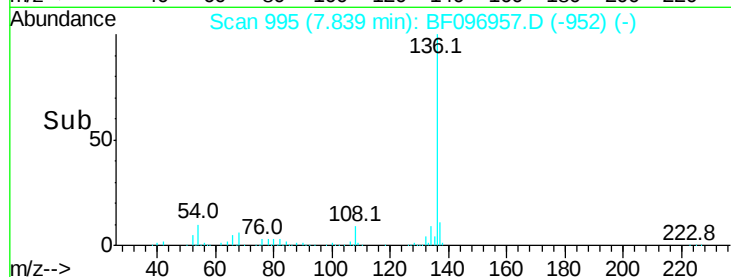
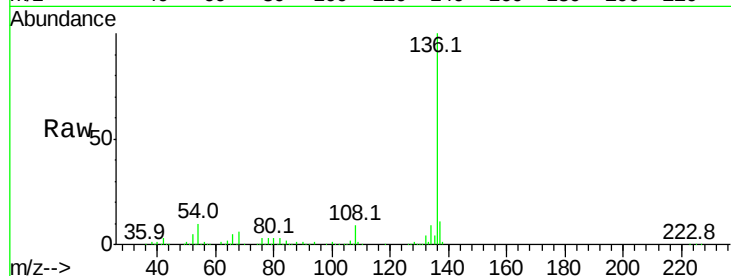
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	451751		
137	10.5	8.5	12.7	
54	10.3	4.9	7.3	
68	5.5	4.1	6.1	

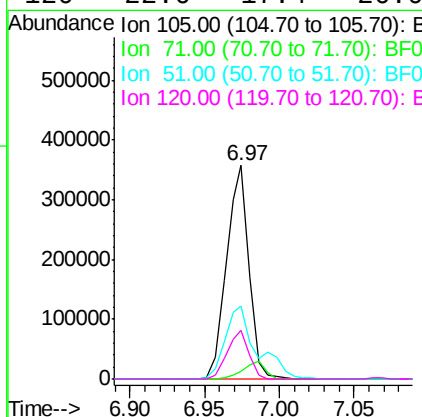
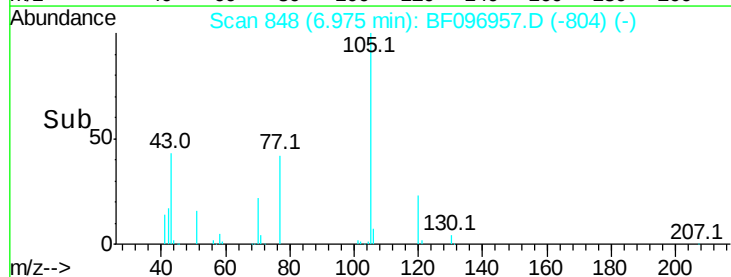
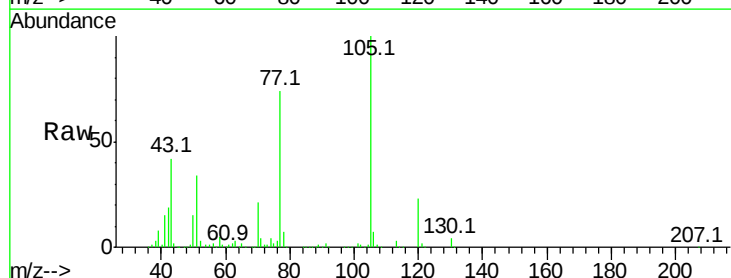
Manual Integrations
APPROVED

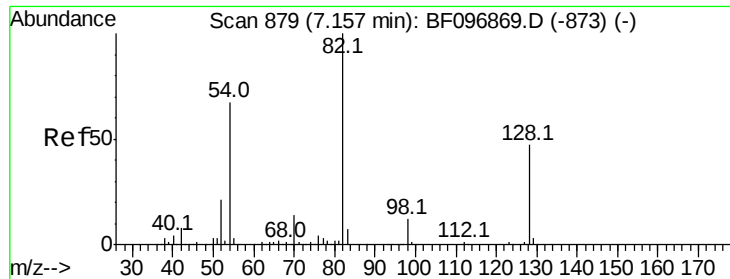
Sohil
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#22
Acetophenone
Concen: 37.474 ng
RT: 6.97 min Scan# 848
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	378371		
71	3.8	2.8	4.2	
51	34.3	30.7	46.1	
120	22.6	17.4	26.0	





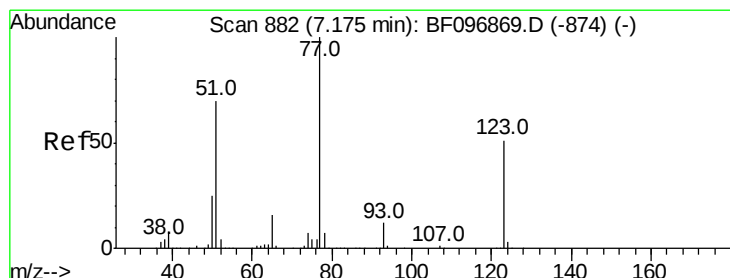
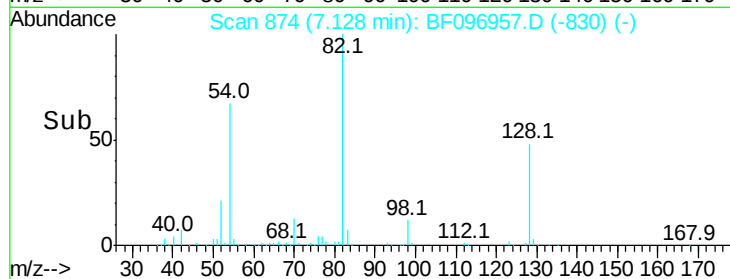
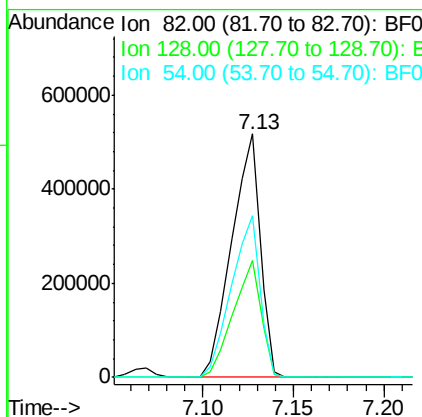
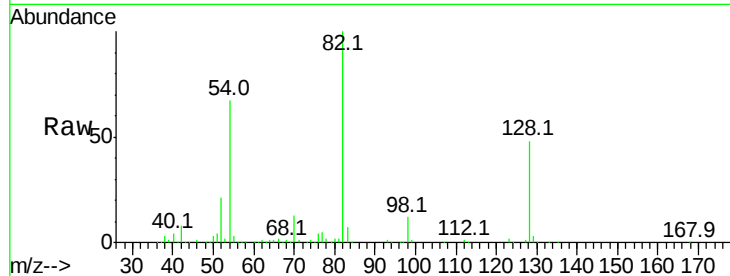
#23
Nitrobenzene-d5
Concen: 77.855 ng
RT: 7.13 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.0	34.0	51.0	
54	66.5	42.2	63.2	

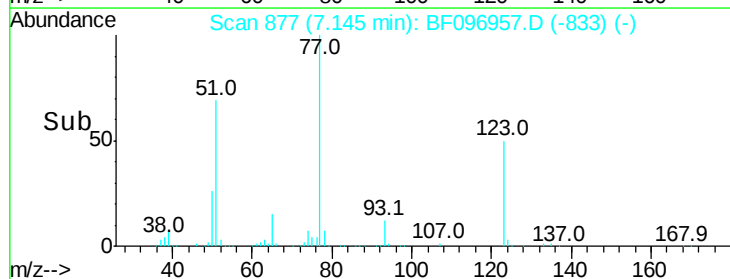
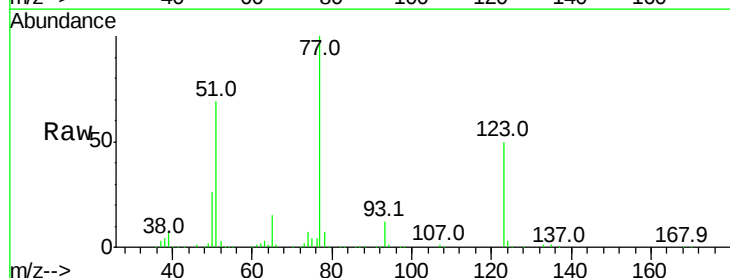
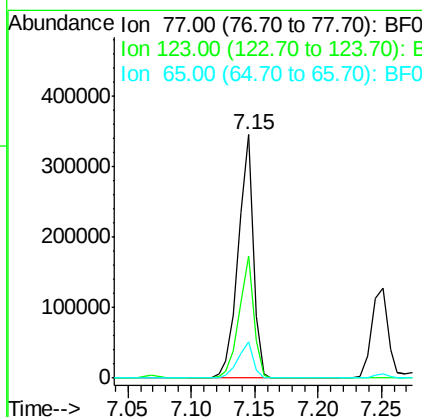
Manual Integrations
APPROVED

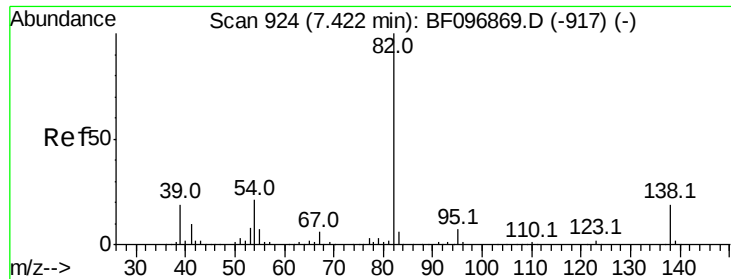
Sohil
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#24
Nitrobenzene
Concen: 37.381 ng
RT: 7.15 min Scan# 877
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.0	35.8	53.8	
65	15.1	10.6	15.8	





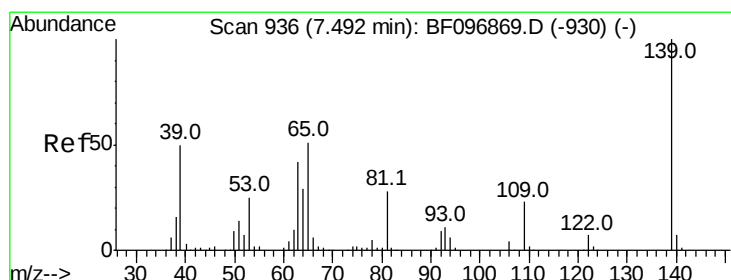
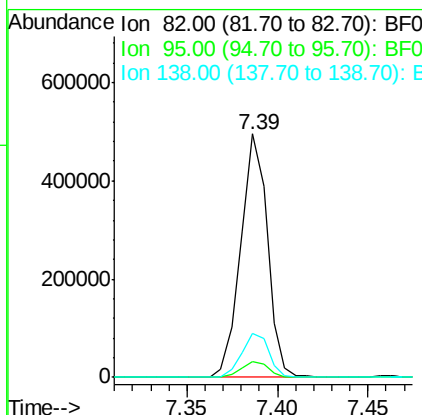
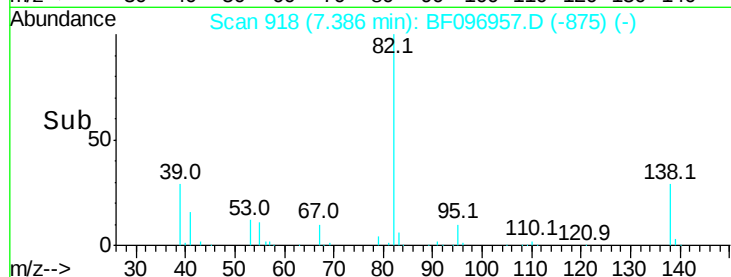
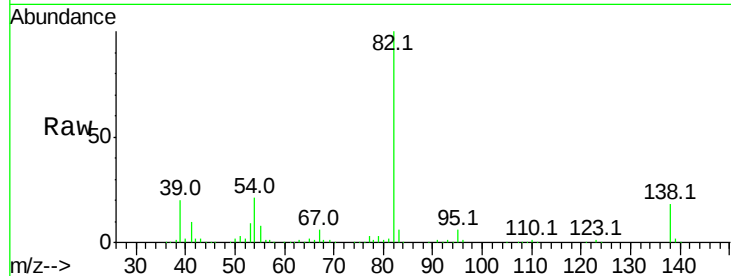
#25
Isophorone
Concen: 37.453 ng
RT: 7.39 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.3	7.9	
138	18.1	13.1	19.7	

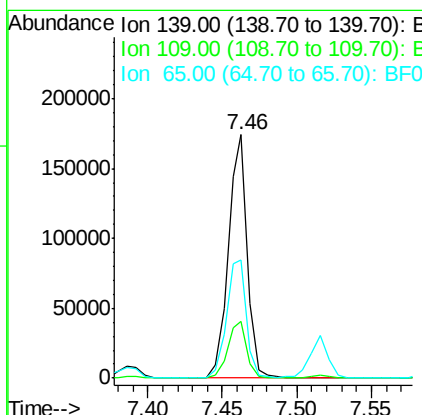
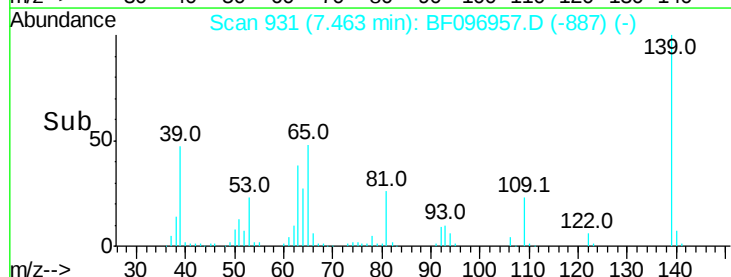
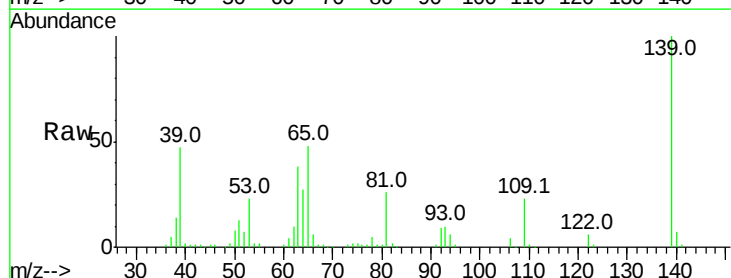
Manual Integrations
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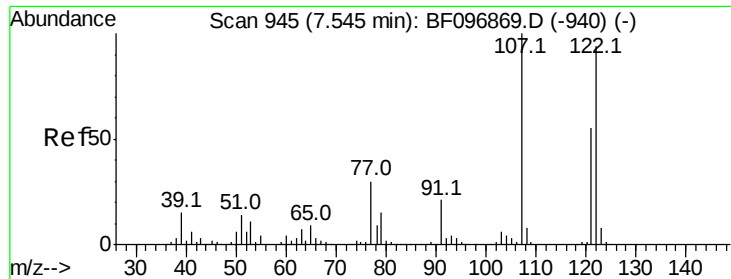
Sohil
7/24/2017 3:05:22 PM



#26
2-Nitrophenol
Concen: 37.220 ng
RT: 7.46 min Scan# 931
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.2	21.0	31.6	
65	48.5	33.0	49.6	





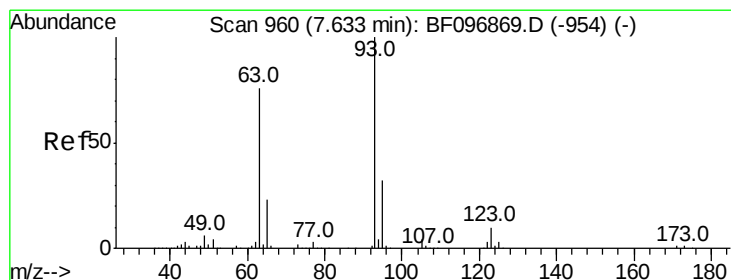
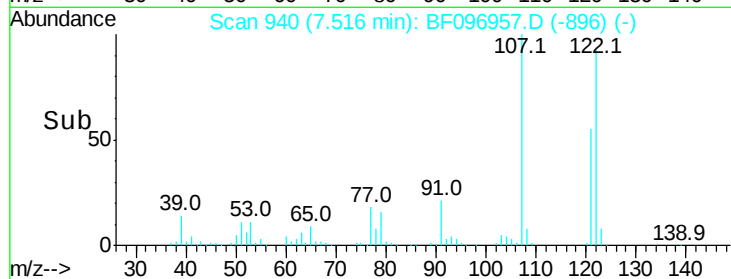
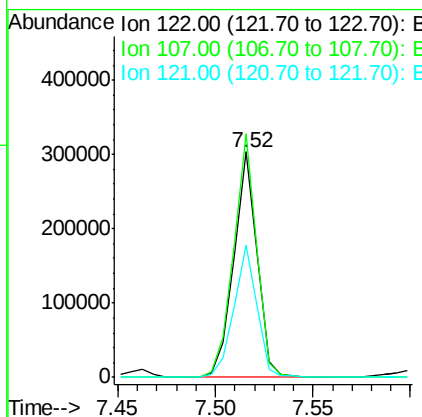
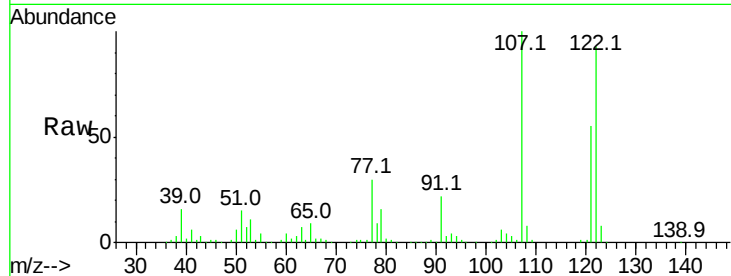
#27
2,4-Dimethylphenol
Concen: 36.488 ng
RT: 7.52 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	251768		
107	107.9	89.2	133.8	
121	58.8	45.2	67.8	

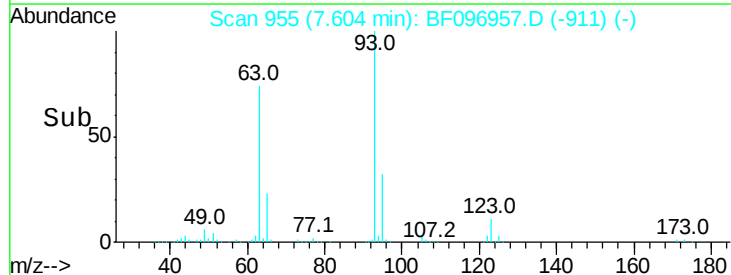
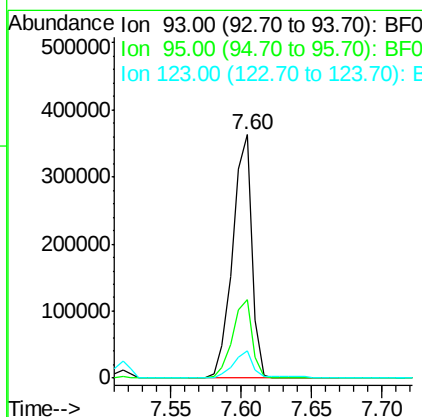
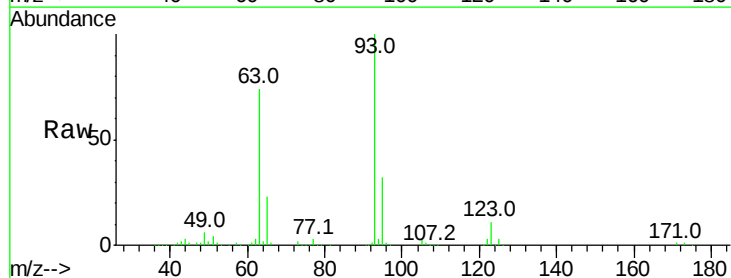
Manual Integrations
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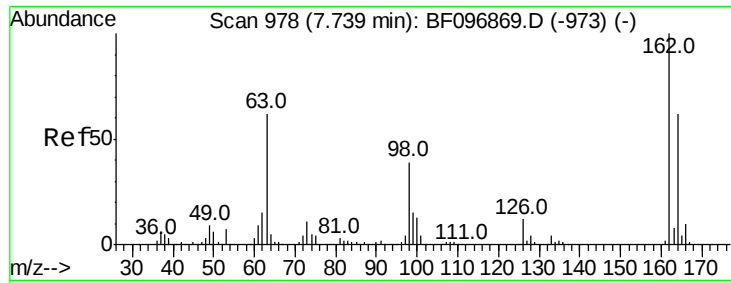
Sohil
7/24/2017 3:05:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.596 ng
RT: 7.60 min Scan# 955
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	344682		
95	32.3	26.5	39.7	
123	11.0	9.0	13.4	





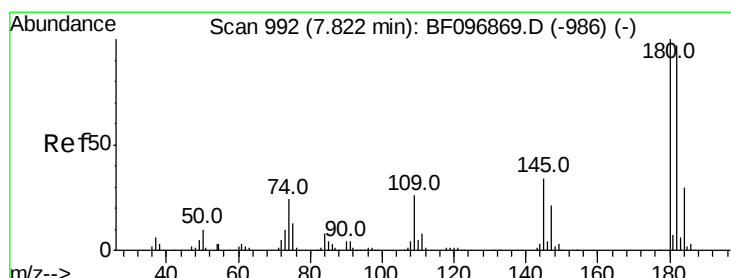
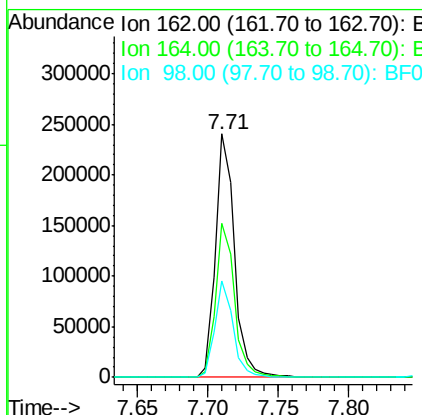
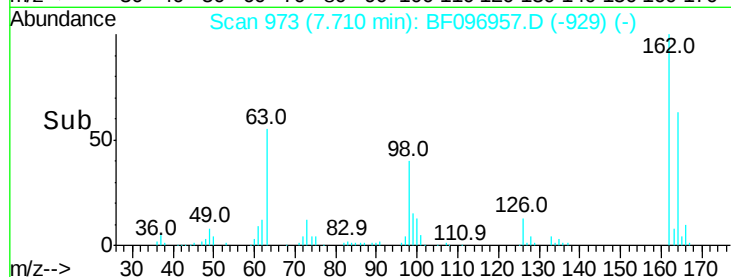
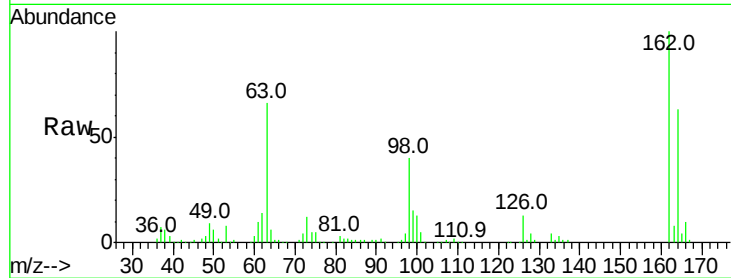
#29
 2,4-Dichlorophenol
 Concen: 36.276 ng
 RT: 7.71 min Scan# 973
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion:	162	Resp:	226575
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.6	84.6
98	39.6	14.8	54.8

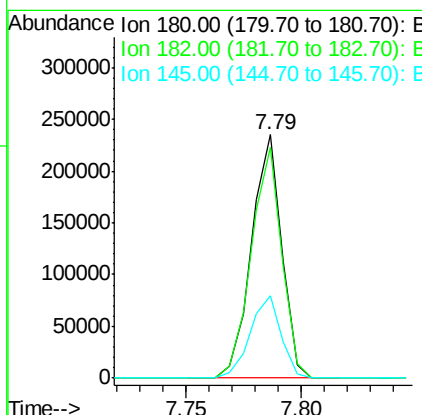
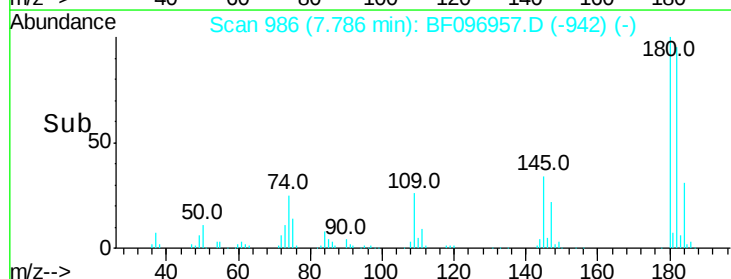
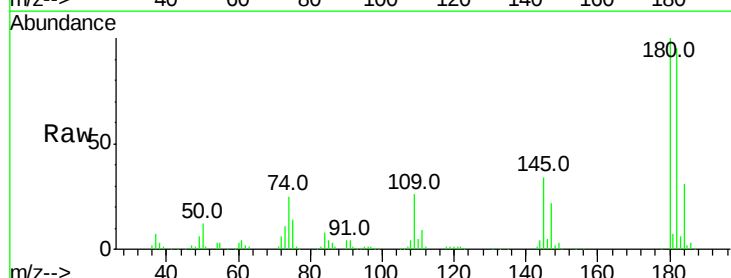
Manual Integrations
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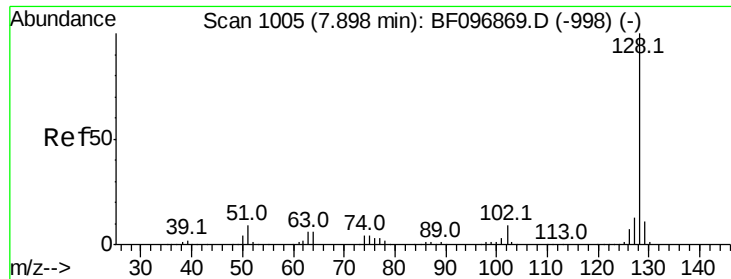
Sohil
 7/24/2017 3:05:22 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.203 ng
 RT: 7.79 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion:	180	Resp:	214991
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.8	113.6
145	34.0	25.3	37.9





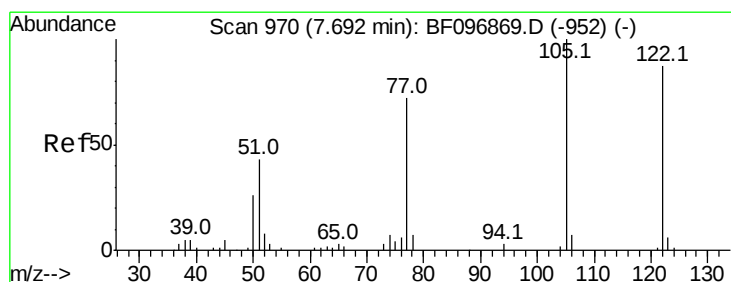
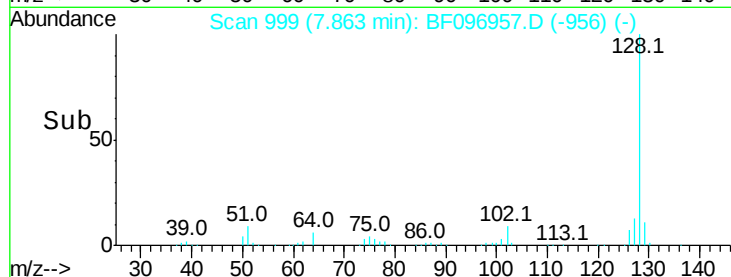
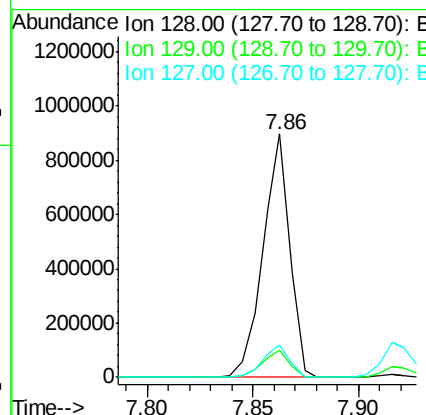
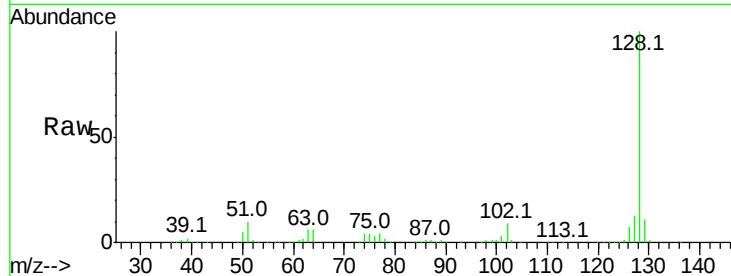
#31
Naphthalene
Concen: 36.969 ng
RT: 7.86 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	9.0	13.6
127	13.4	10.8	16.2

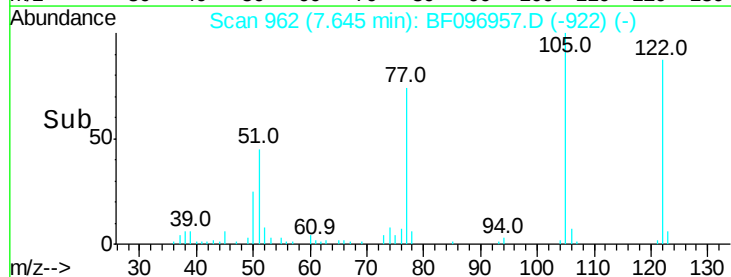
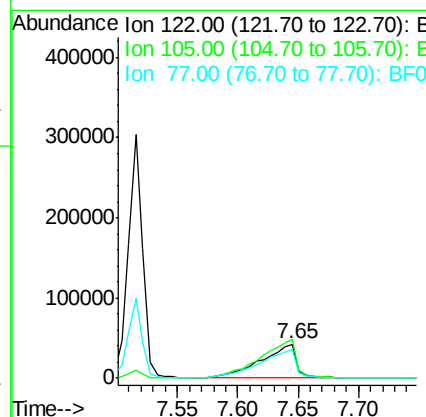
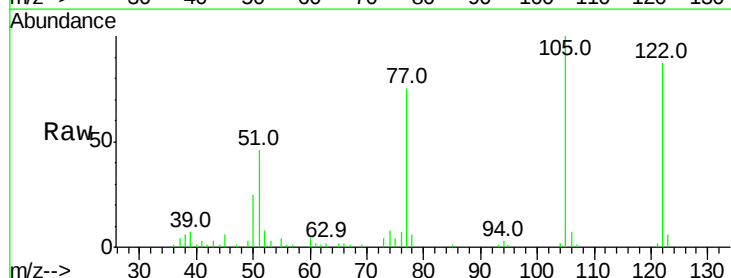
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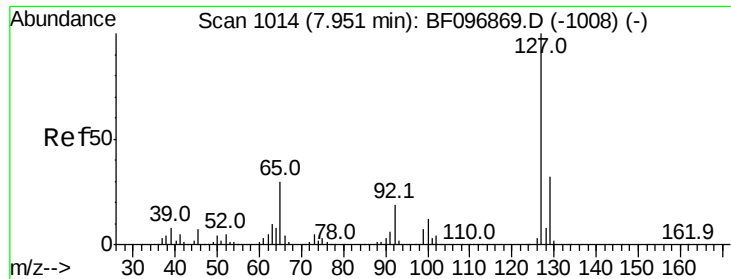
Sohil
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#32
Benzoic acid
Concen: 19.986 ng
RT: 7.65 min Scan# 962
Delta R.T. -0.06 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	115.0	103.3	143.3
77	86.3	73.7	113.7





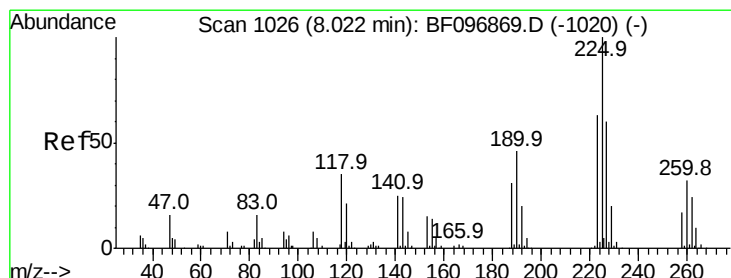
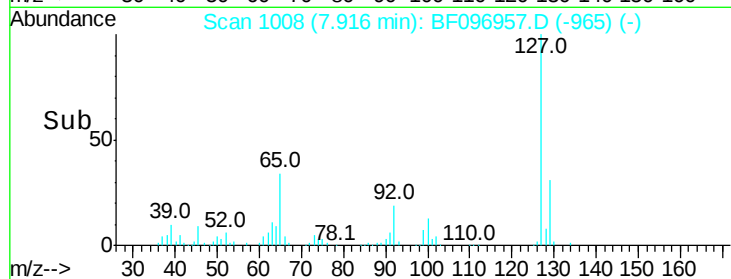
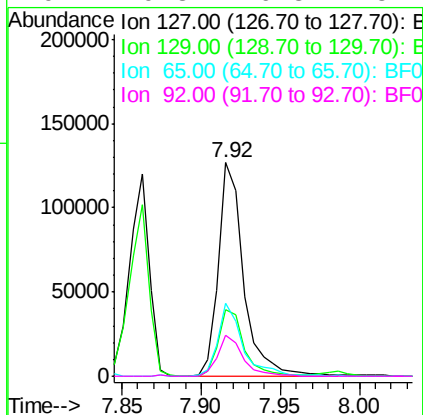
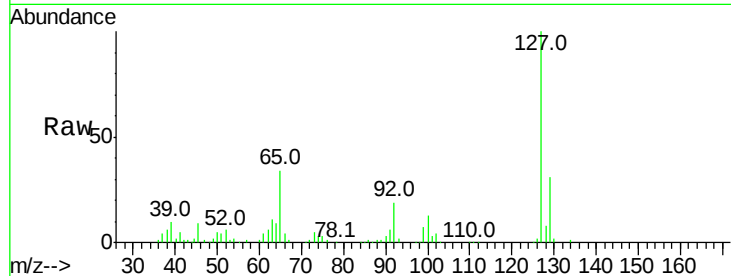
#33
 4-Chloroaniline
 Concen: 16.543 ng
 RT: 7.92 min Scan# 1008
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.2	39.2	
65	34.2	27.8	41.8	
92	19.3	16.8	25.2	

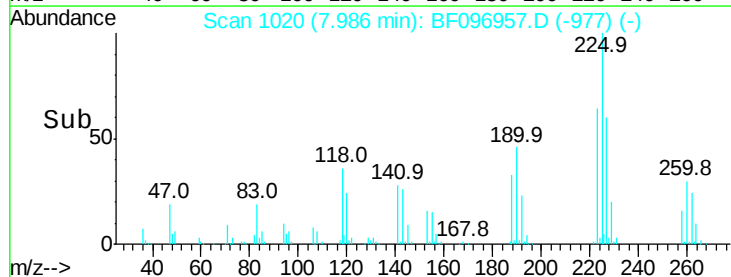
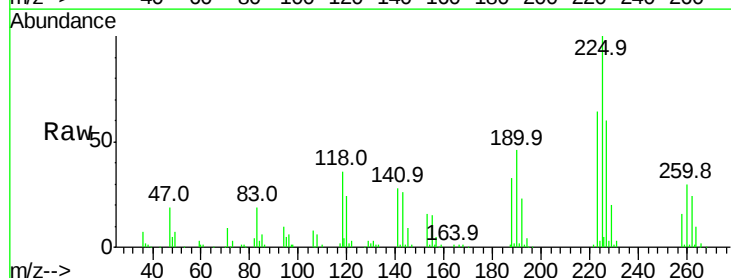
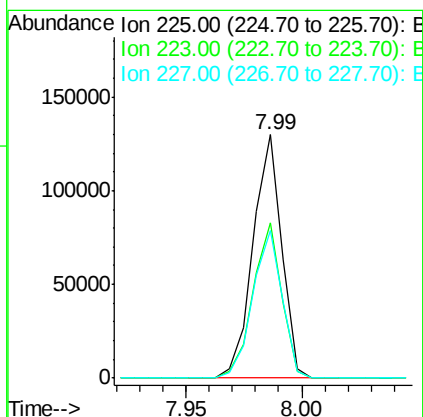
Manual Integrations
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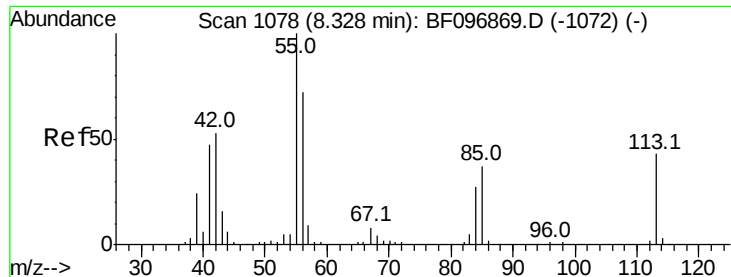
Sohil
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#34
 Hexachlorobutadiene
 Concen: 35.535 ng
 RT: 7.99 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	48.8	73.2	
227	60.4	51.1	76.7	





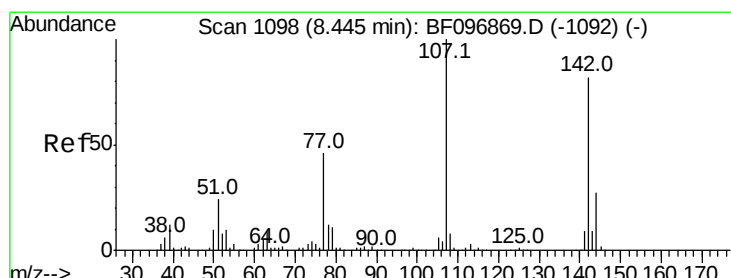
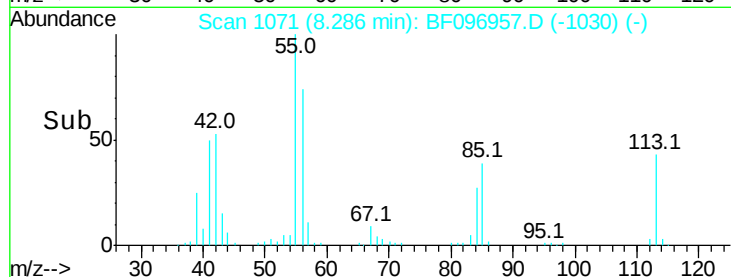
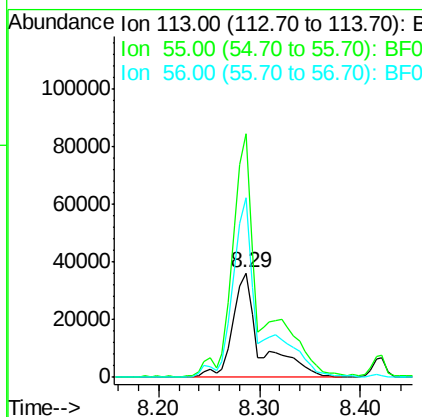
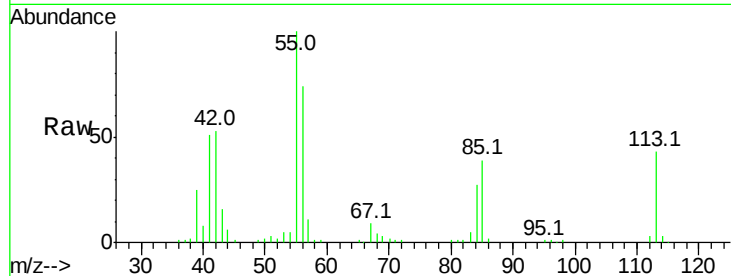
#35
 Caprolactam
 Concen: 34.970 ng/ml
 RT: 8.29 min Scan# 1071
 Delta R.T. -0.06 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion:113 Resp: 69983
 Ion Ratio Lower Upper
 113 100
 55 234.0 150.2 190.2#
 56 172.6 107.8 147.8#

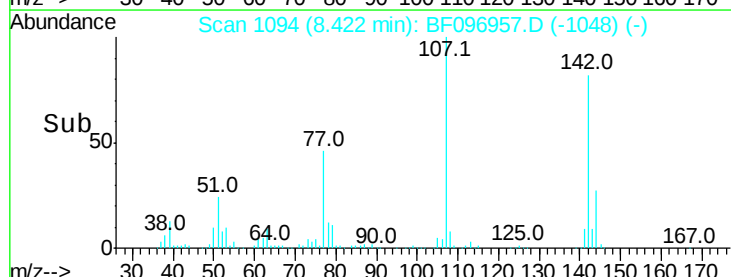
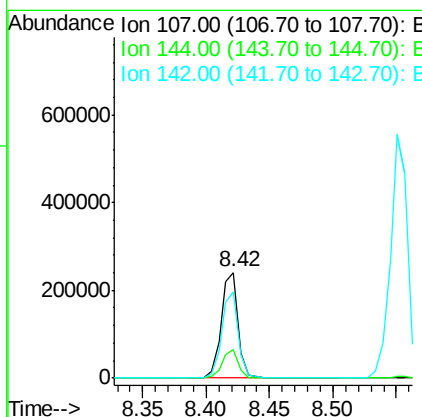
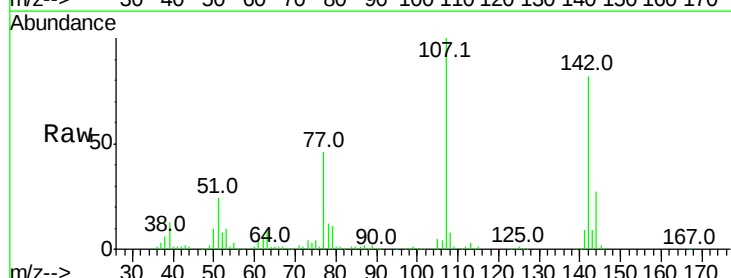
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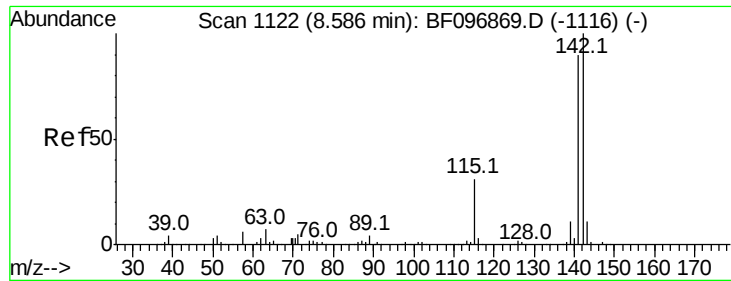
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#36
 4-Chloro-3-methylphenol
 Concen: 33.318 ng/ml
 RT: 8.42 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion:107 Resp: 223754
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 82.0 73.4 110.0





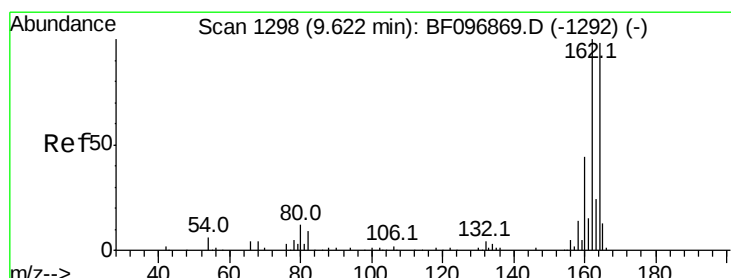
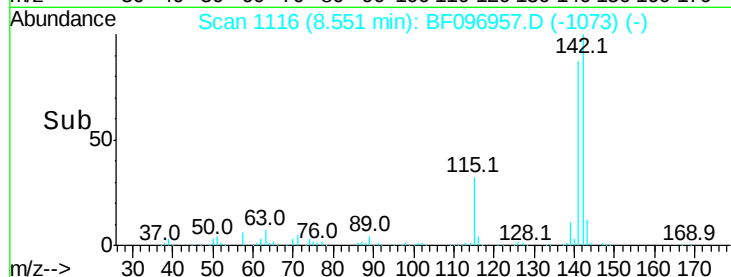
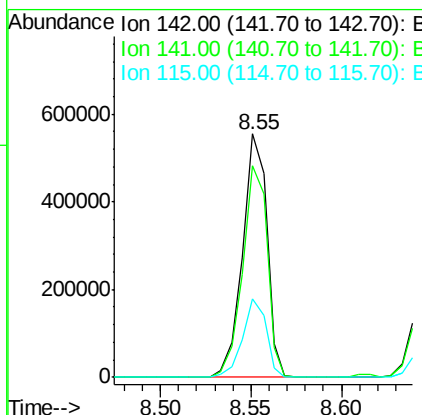
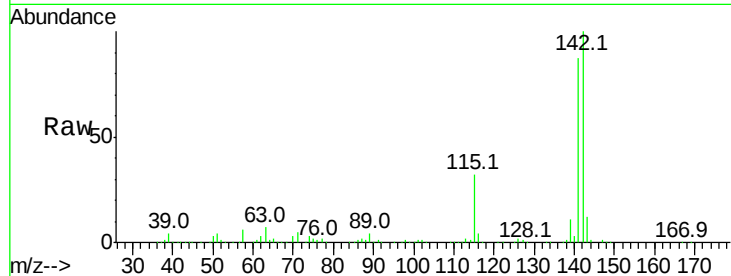
#37
 2-Methylnaphthalene
 Concen: 38.130 ng
 RT: 8.55 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.3	106.9
115	32.2	27.1	40.7

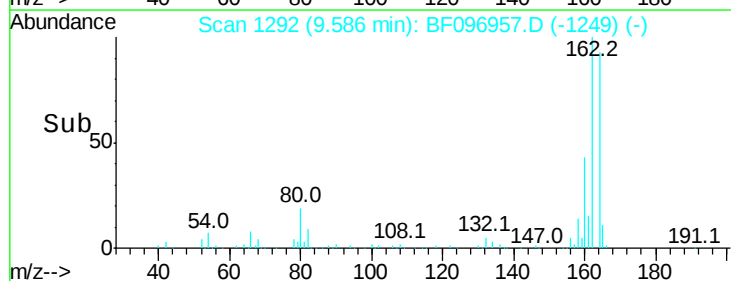
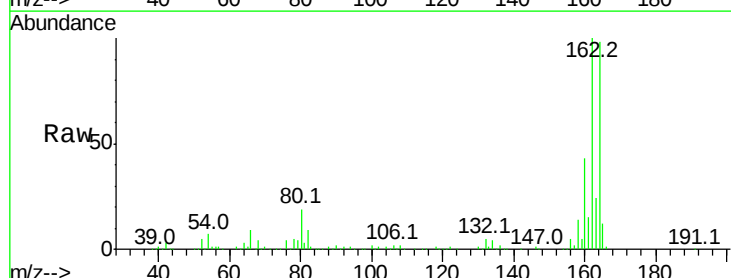
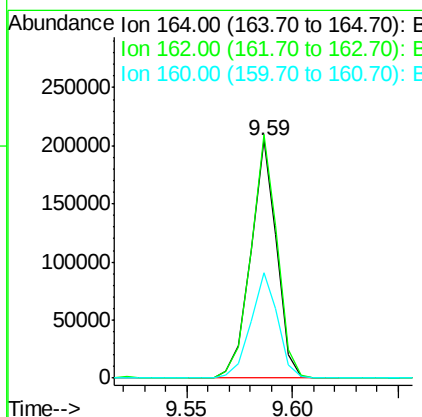
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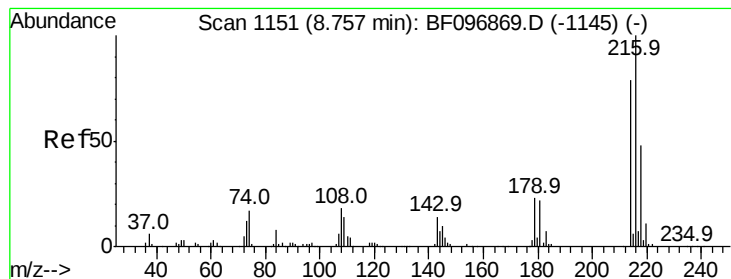
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.054 ng

RT: 8.72 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

ClientSampleId :

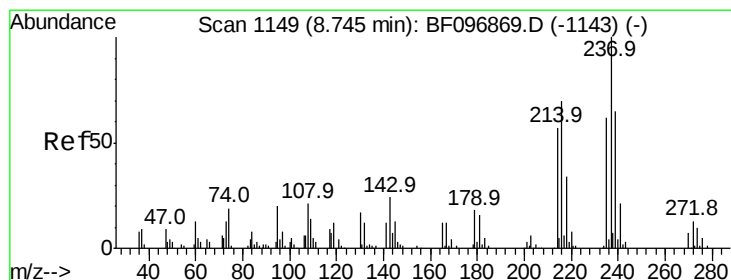
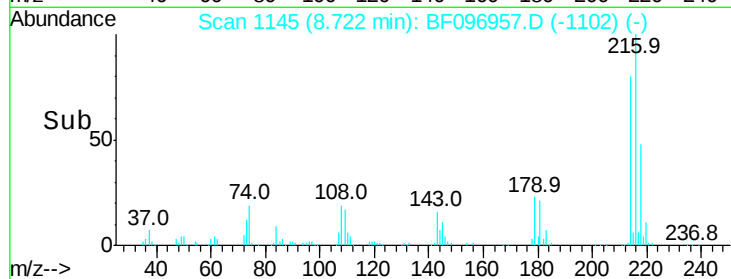
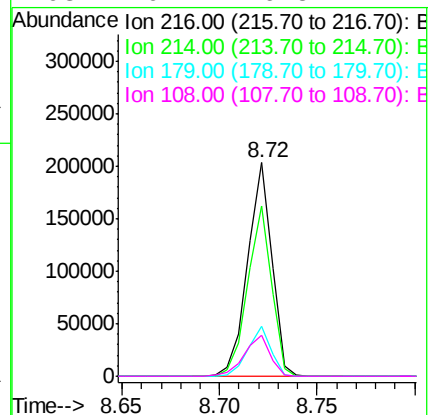
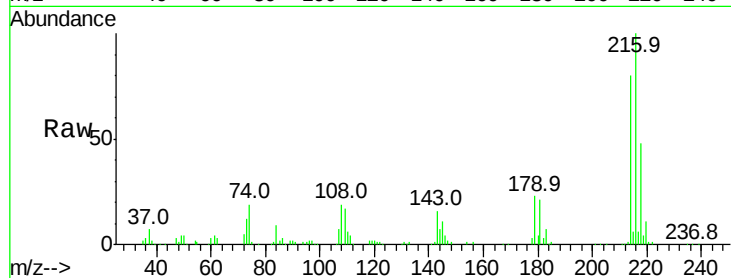
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	174592		
214	78.8	63.4	95.2	
179	22.4	17.9	26.9	
108	20.1	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 22.372 ng

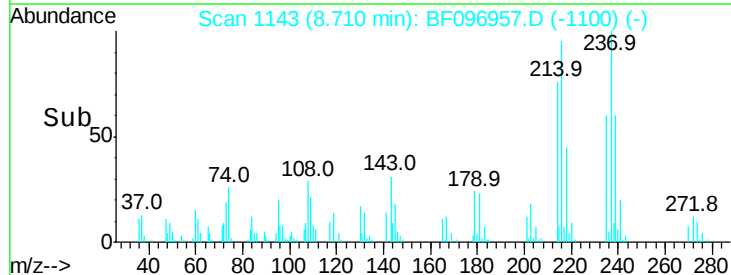
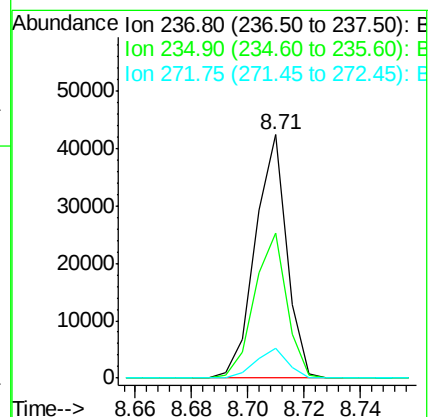
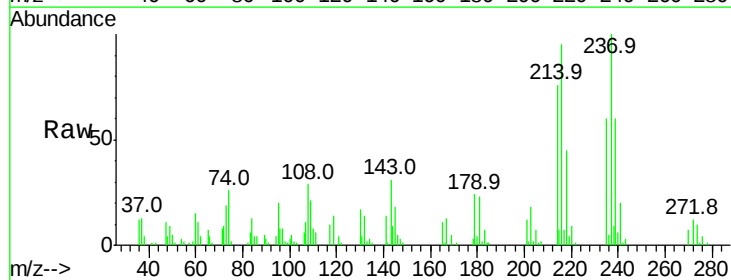
RT: 8.71 min Scan# 1143

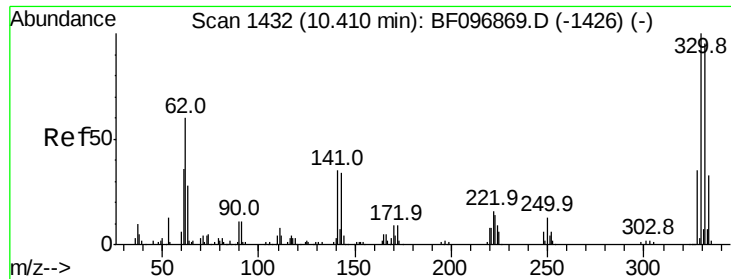
Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	32861		
235	59.6	42.6	82.6	
272	12.4	0.0	31.9	





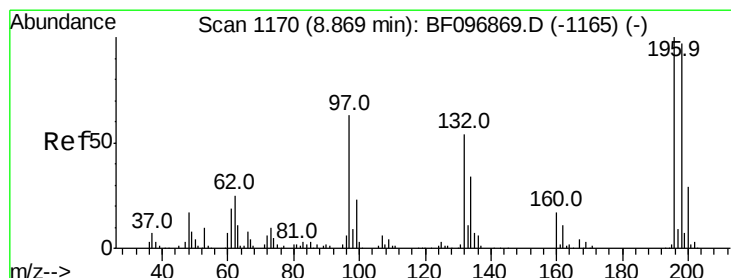
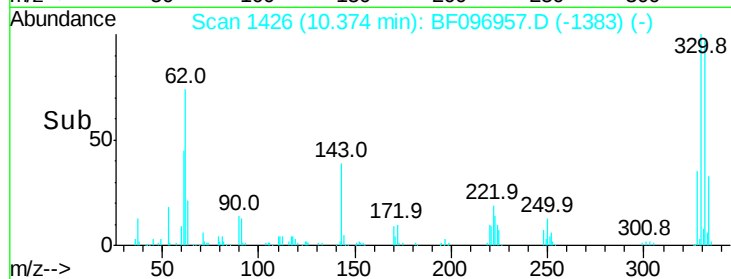
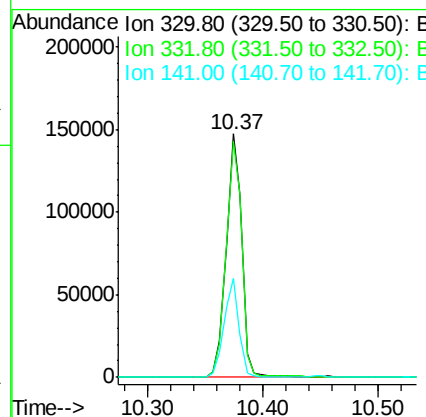
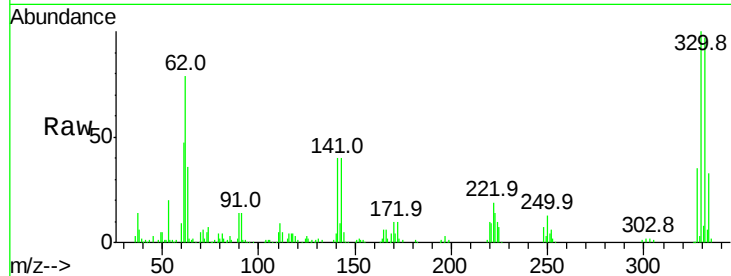
#41
 2,4,6-Tribromophenol
 Concen: 93.402 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.7	76.6	115.0	
141	39.2	31.4	47.2	

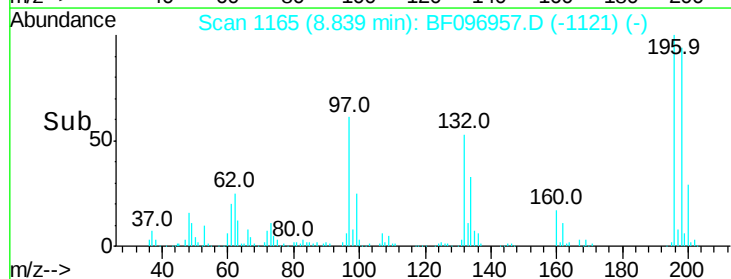
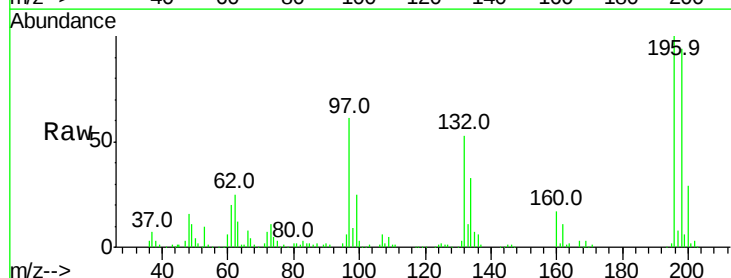
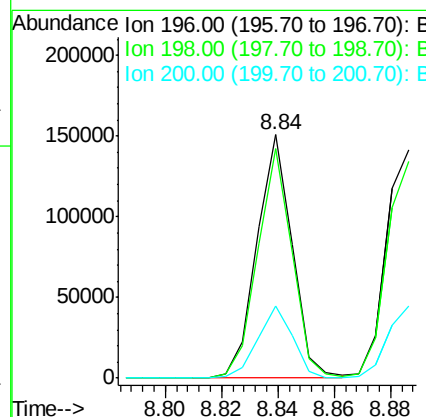
Manual Integrations
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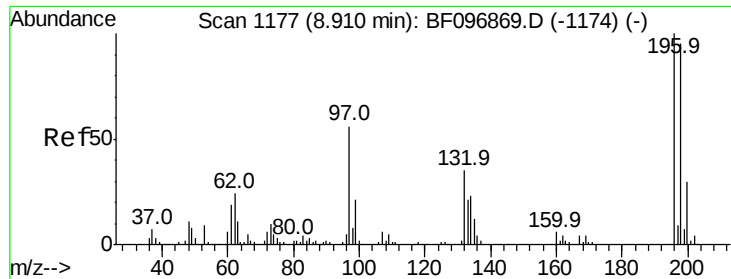
Sohil
 7/24/2017 3:05:22 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.533 ng
 RT: 8.84 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.2	74.2	111.4	
200	29.4	24.0	36.0	





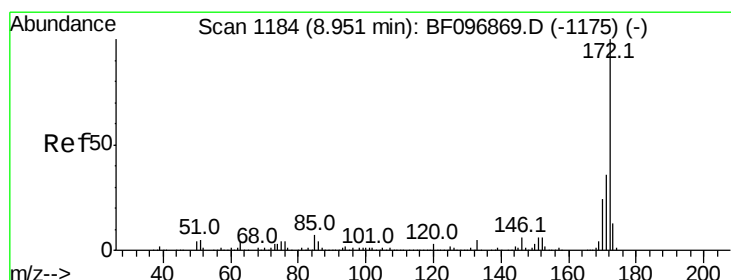
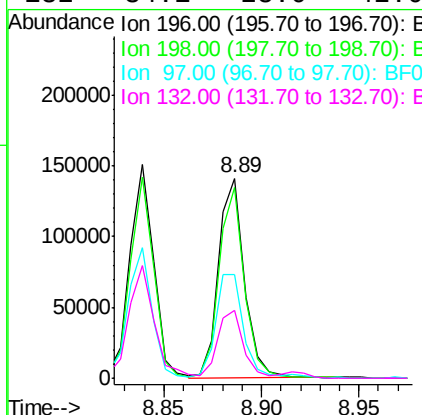
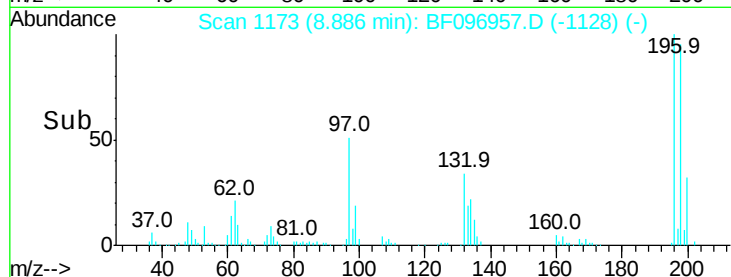
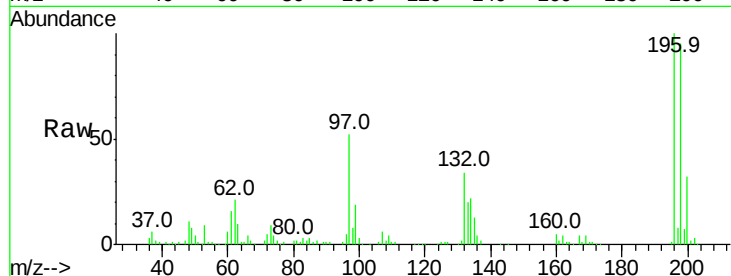
#43
 2,4,5-Trichlorophenol
 Concen: 36.760 ng
 RT: 8.89 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	128851		
198	95.2	75.7	113.5	
97	51.9	47.7	71.5	
132	34.1	28.0	42.0	

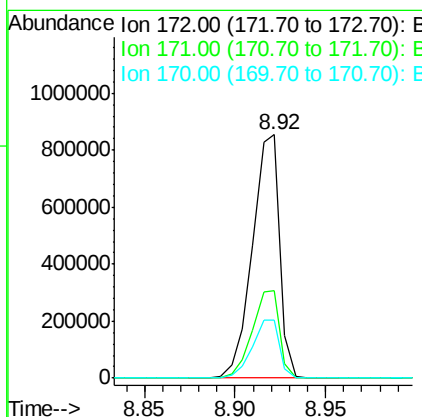
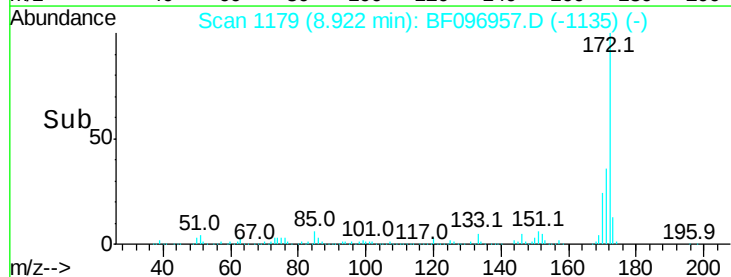
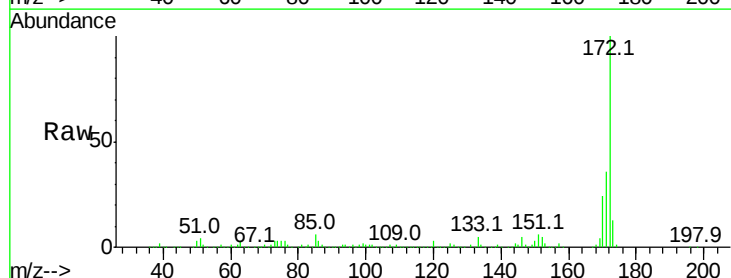
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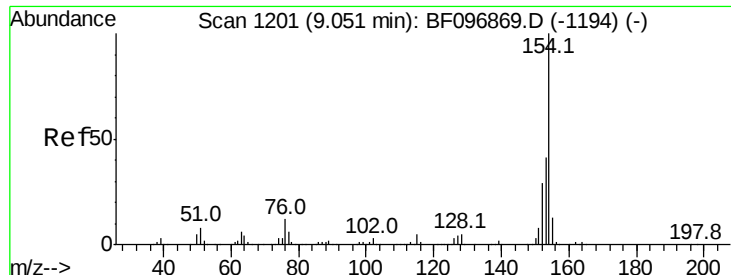
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 80.805 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	891465		
171	35.9	29.6	44.4	
170	23.9	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 37.467 ng

RT: 9.02 min Scan# 1195

Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

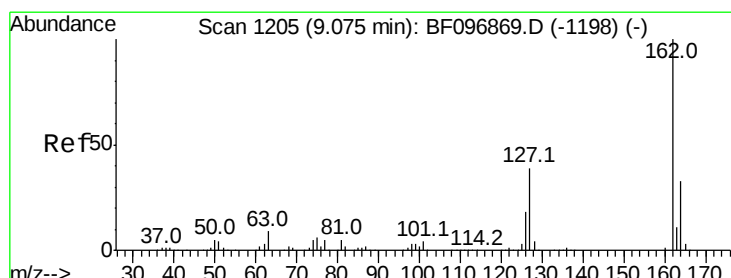
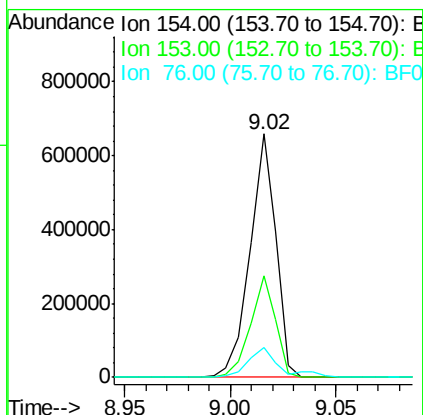
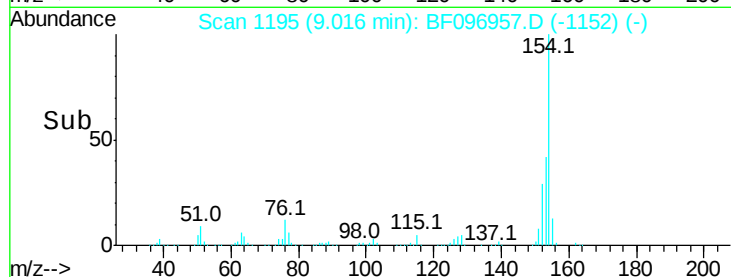
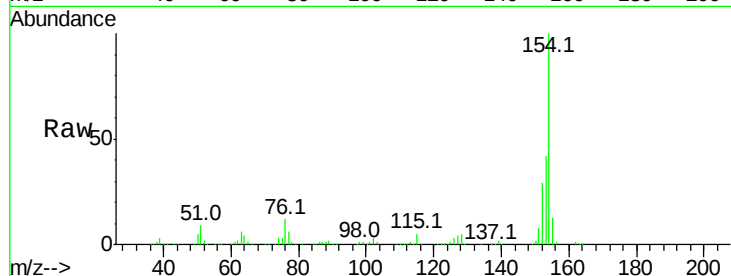
ClientSampleId :

FK-SF-03-001-AMS

Tot Ion:	154	Resp:	560094
Ion Ratio	Lower	Upper	
154	100		
153	41.9	21.2	61.2
76	12.3	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 38.458 ng

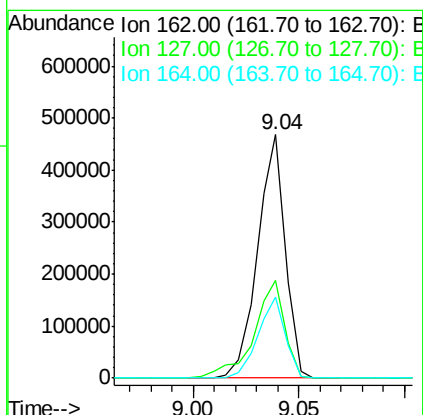
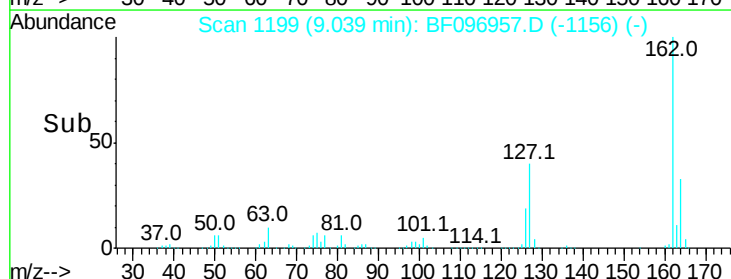
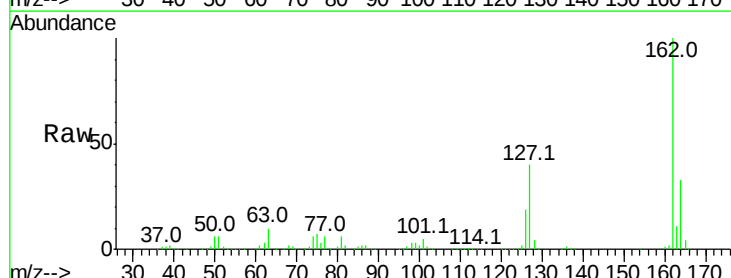
RT: 9.04 min Scan# 1199

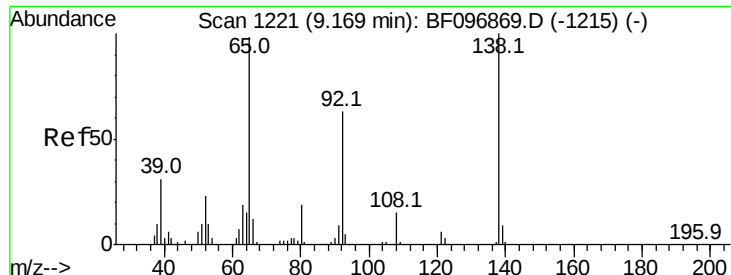
Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Tgt Ion:	162	Resp:	423330
Ion Ratio	Lower	Upper	
162	100		
127	40.1	28.3	42.5
164	33.1	27.0	40.4





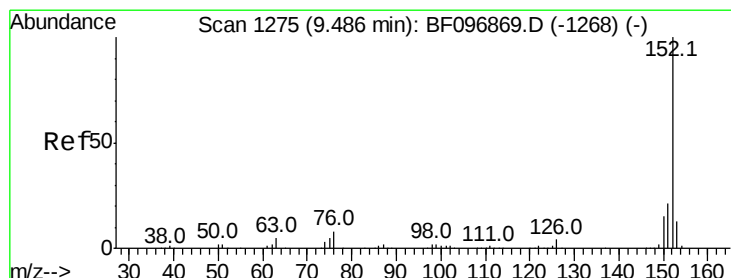
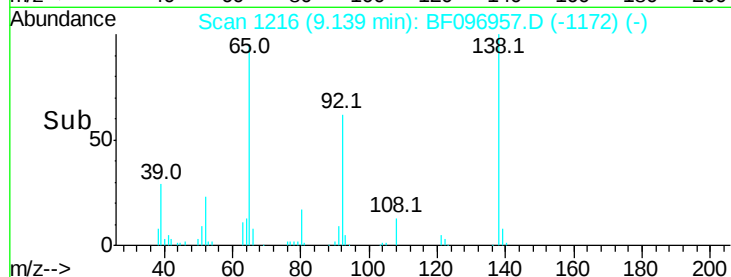
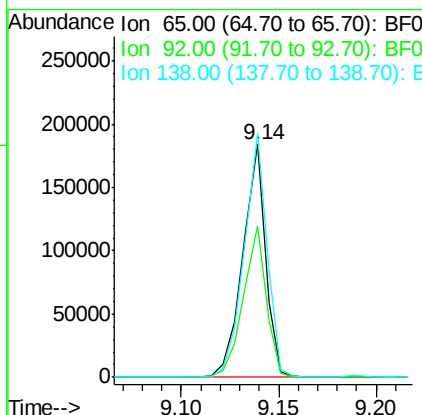
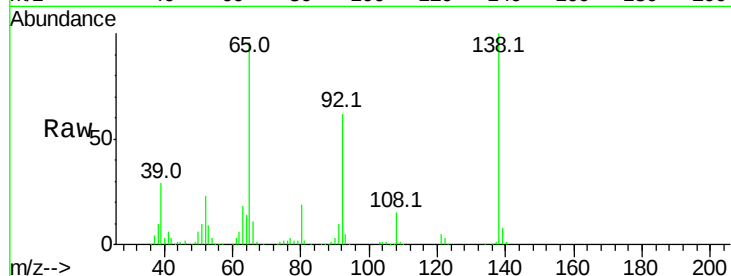
#47
2-Nitroaniline
Concen: 39.440 ng
RT: 9.14 min Scan# 1216
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	104.5	78.8	118.2

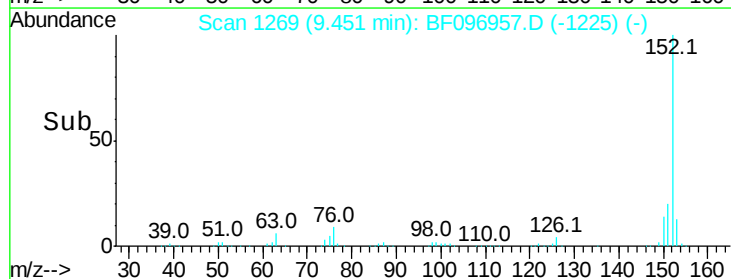
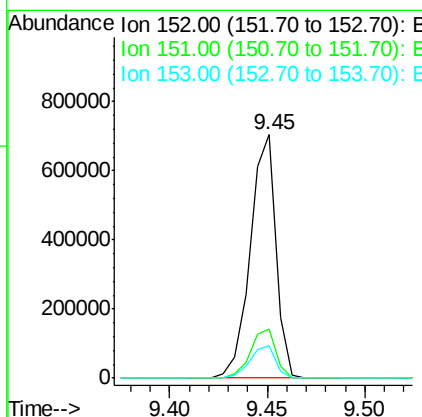
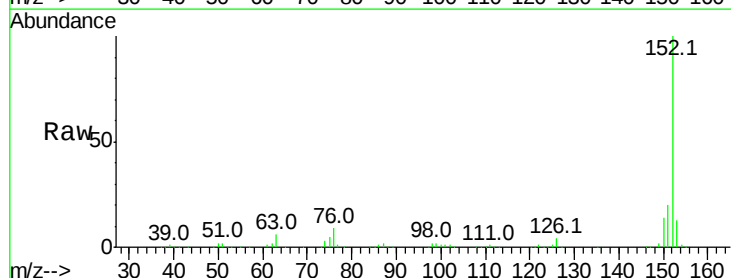
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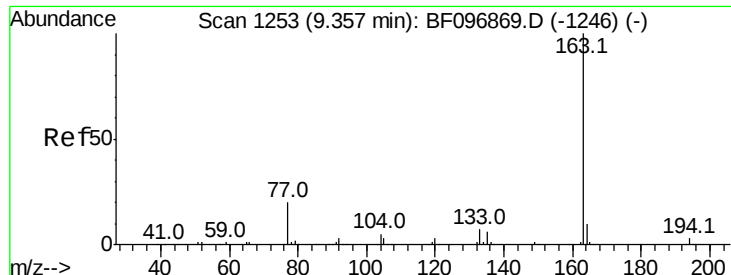
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#48
Acenaphthylene
Concen: 36.618 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.2	10.8	16.2





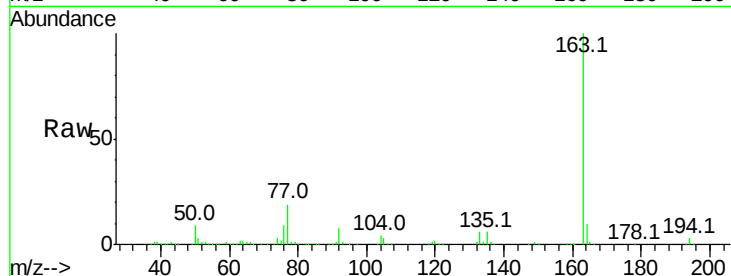
#49
Dimethylphthalate
Concen: 49.715 ng
RT: 9.33 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

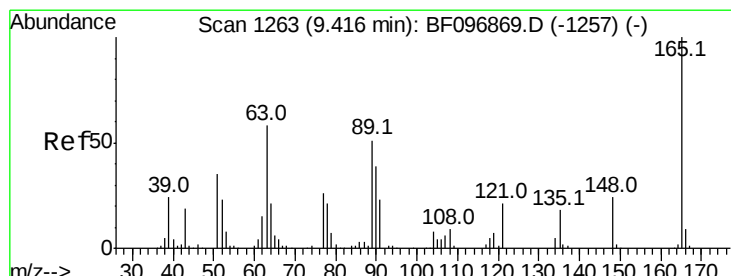
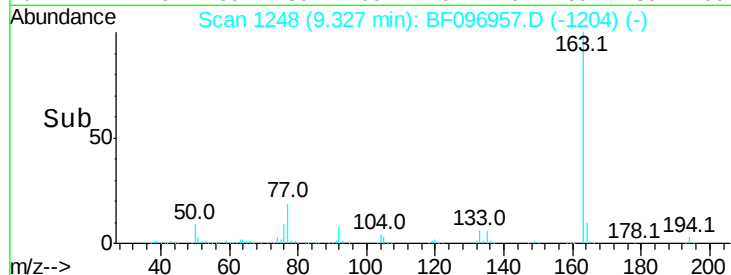
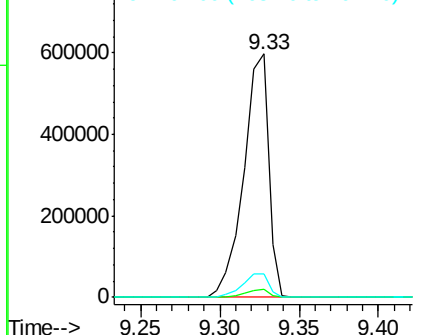
Tot Ion	Ratio	Resp	Lower	Upper
163	100	652474		
194	3.2		2.6	4.0
164	9.6		8.4	12.6

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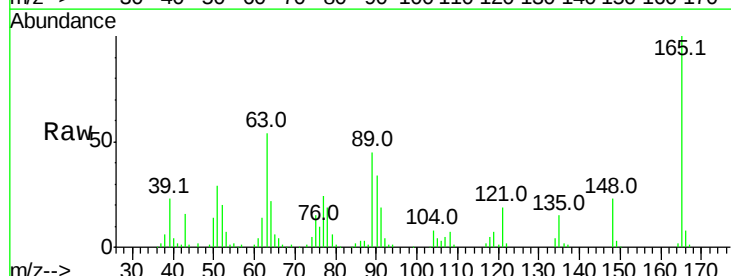


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

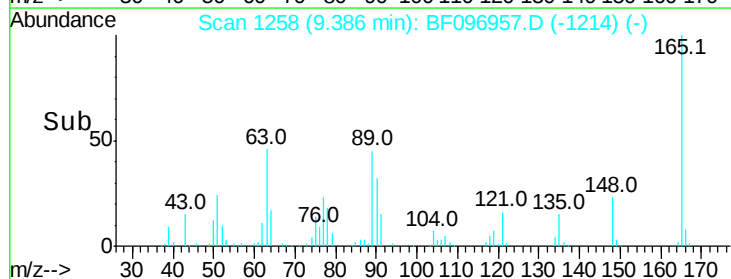
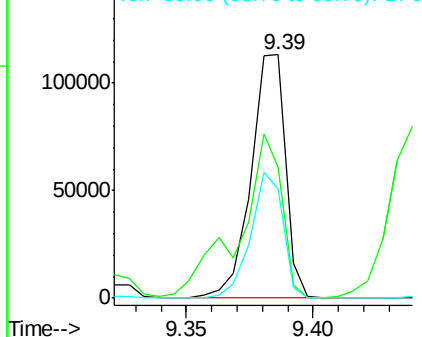


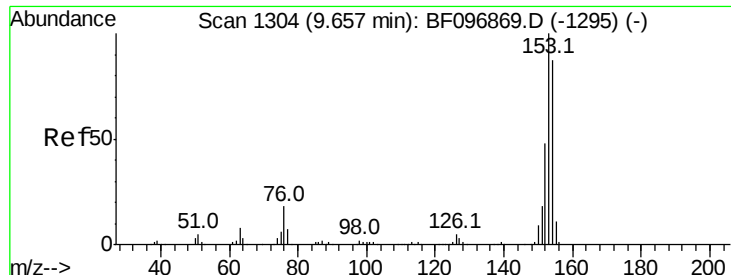
#50
2,6-Dinitrotoluene
Concen: 37.887 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	107704		
63	53.7		34.3	51.5#
89	45.0		37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.960 ng

RT: 9.62 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

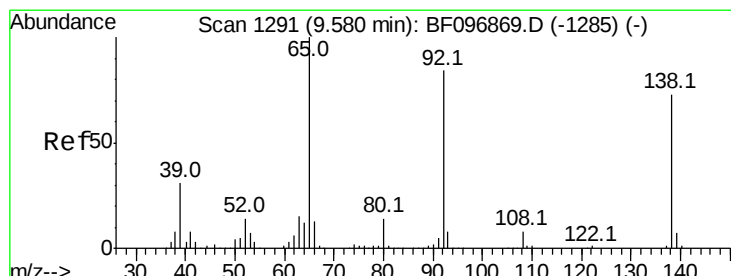
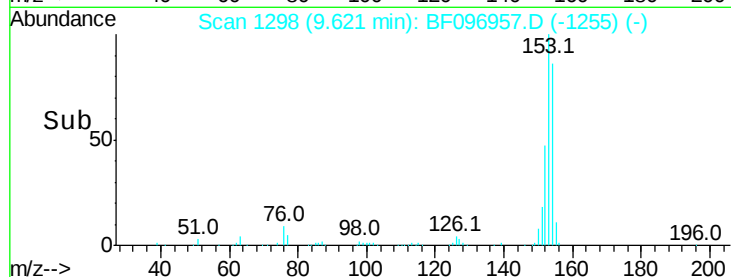
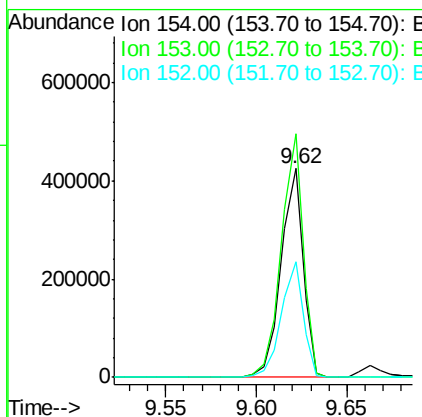
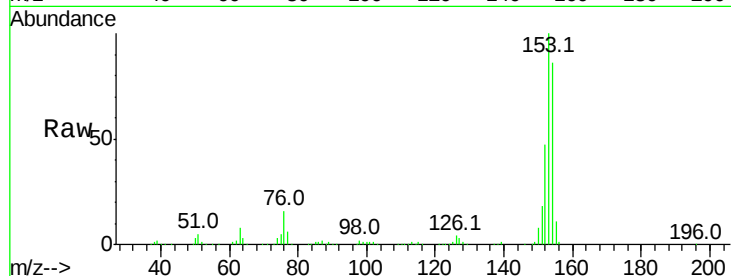
ClientSampleId :

FK-SF-03-001-AMS

Tot Ion:	154	Resp:	362213
Ion Ratio	Lower	Upper	
154	100		
153	116.7	90.5	135.7
152	55.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 23.638 ng

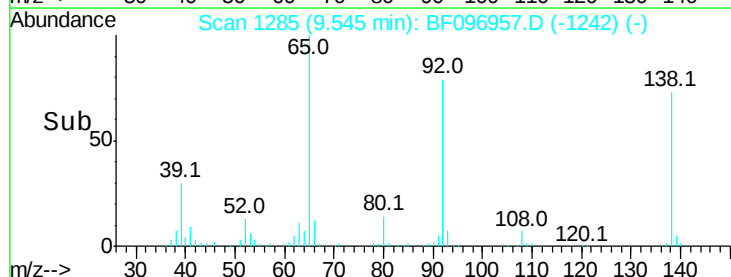
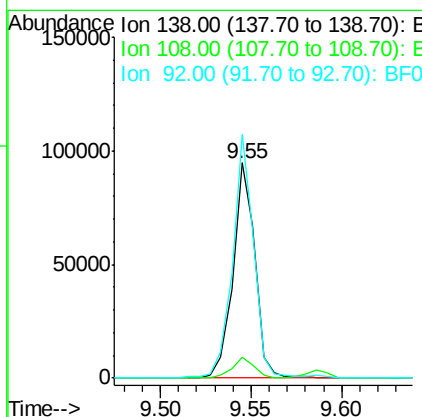
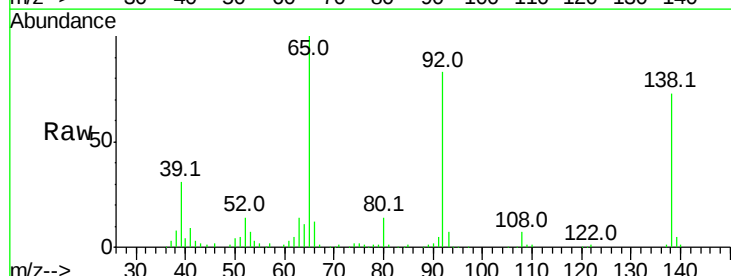
RT: 9.55 min Scan# 1285

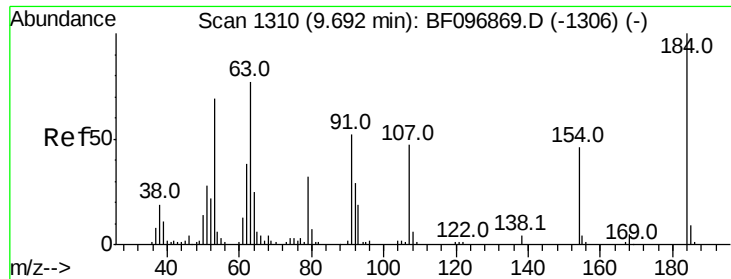
Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Tgt Ion:	138	Resp:	79605
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.1	13.7
92	113.3	93.8	140.6





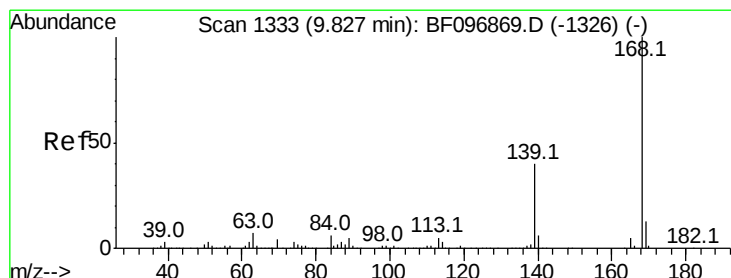
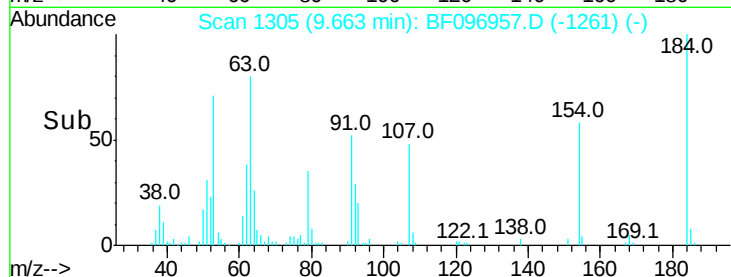
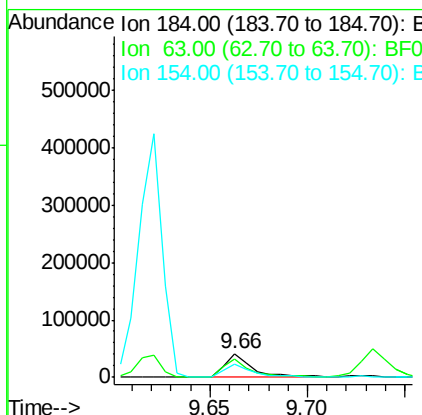
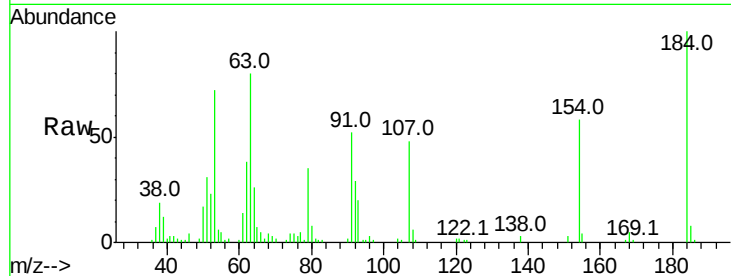
#53
 2,4-Dinitrophenol
 Concen: 33.395 ng
 RT: 9.66 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	80.3	62.7	94.1
154	57.6	81.1	121.7#

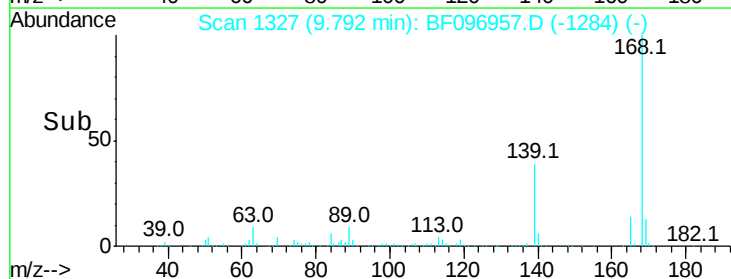
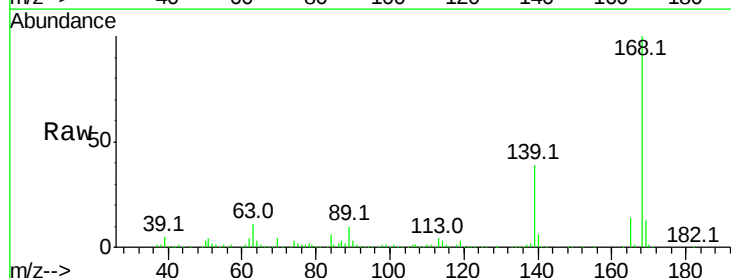
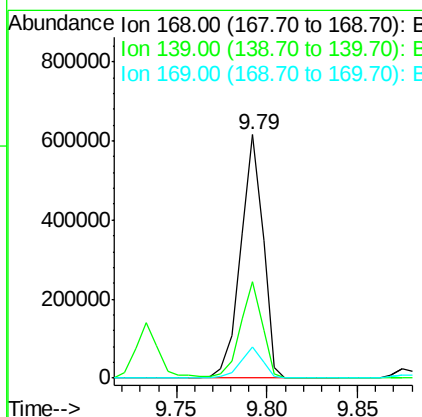
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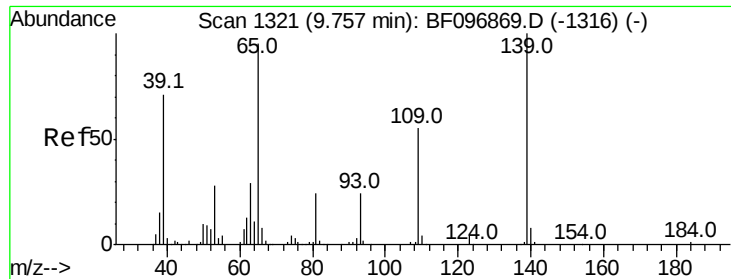
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#54
 Dibenzofuran
 Concen: 36.349 ng
 RT: 9.79 min Scan# 1327
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.6	45.8
169	12.9	10.8	16.2





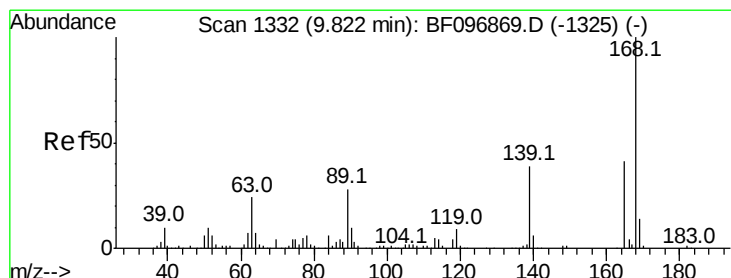
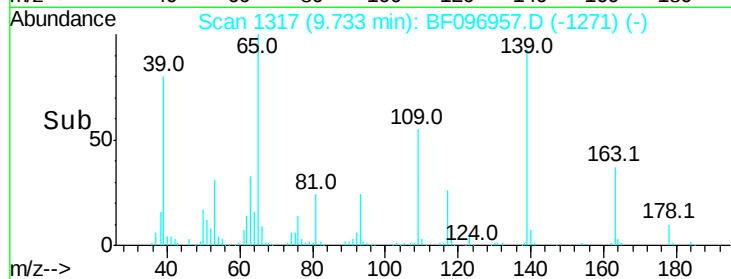
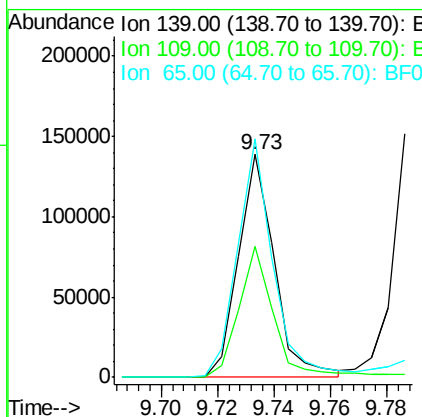
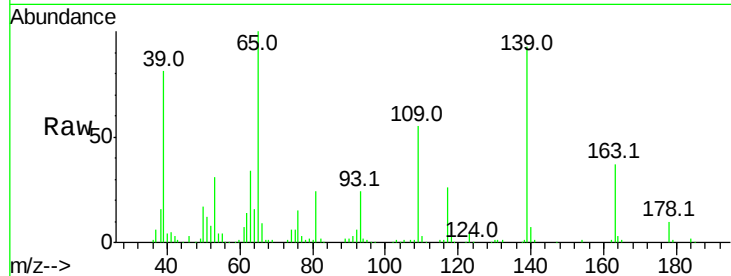
#55
4-Nitrophenol
Concen: 49.930 ng
RT: 9.73 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	122842		
109	58.6	34.1	74.1	
65	107.1	31.4	71.4	#

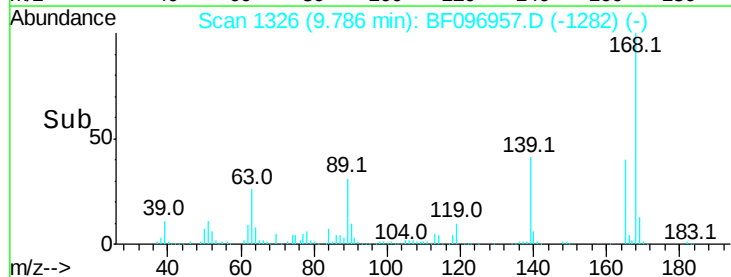
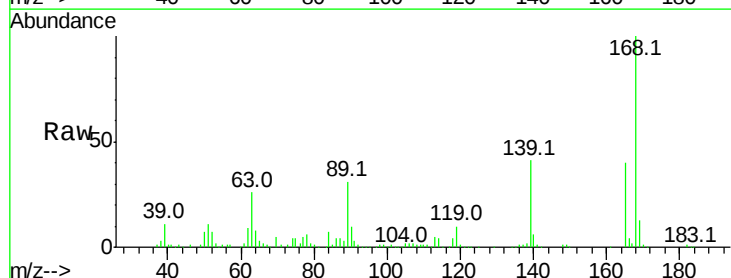
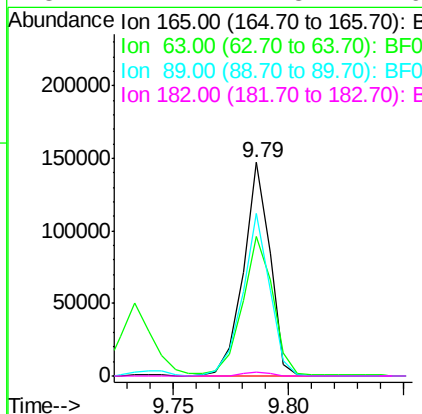
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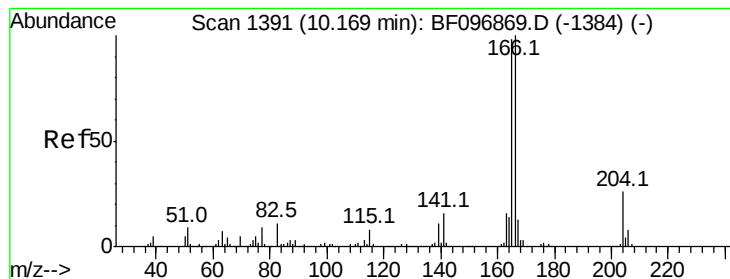
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#56
2,4-Dinitrotoluene
Concen: 32.432 ng
RT: 9.79 min Scan# 1326
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118473		
63	65.5	25.4	38.0	#
89	76.4	46.4	69.6	#
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 35.648 ng

RT: 10.13 min Scan# 1385

Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

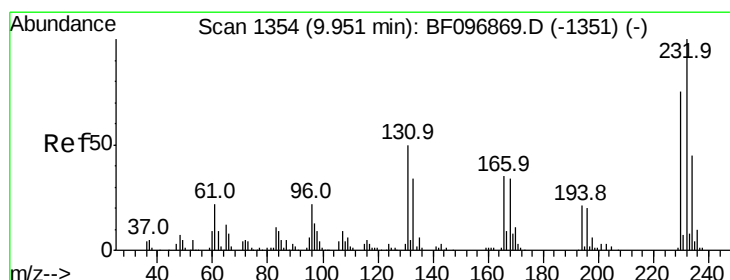
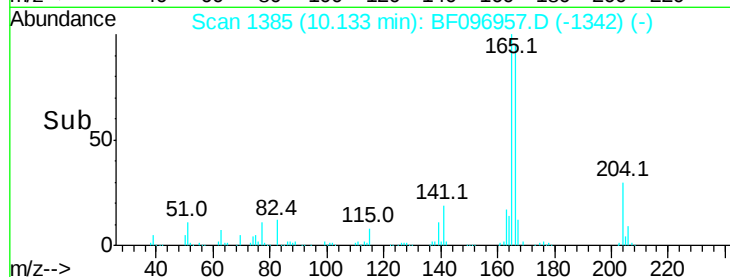
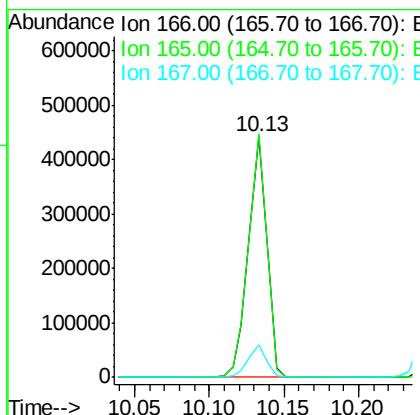
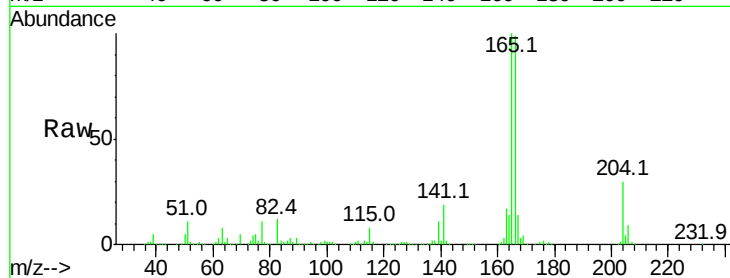
ClientSampleId :

FK-SF-03-001-AMS

Tot Ion:	166	Resp:	382465
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.8	118.2
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.851 ng

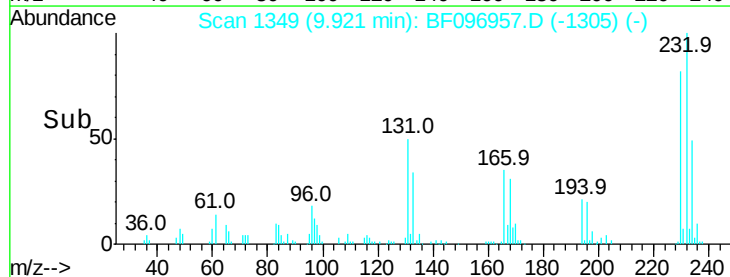
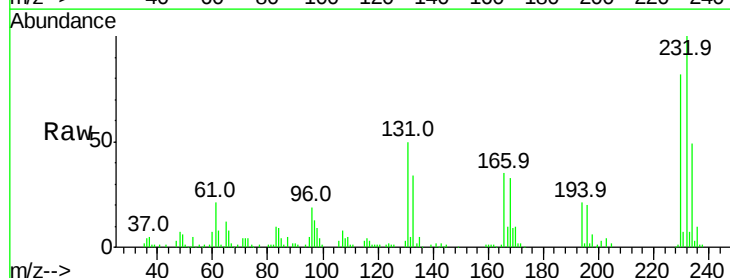
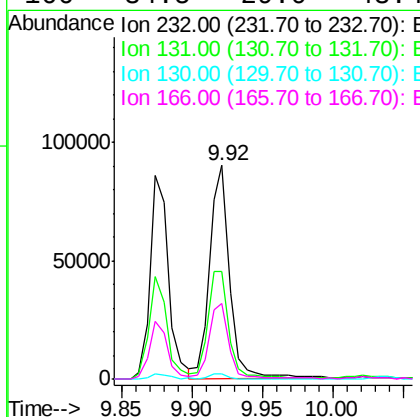
RT: 9.92 min Scan# 1349

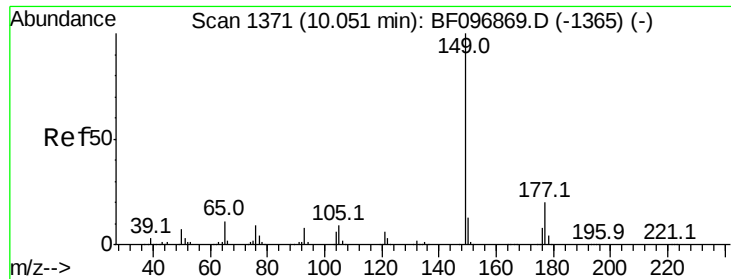
Delta R.T. -0.04 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Tgt Ion:	232	Resp:	87153
Ion Ratio	Lower	Upper	
232	100		
131	55.1	44.8	67.2
130	2.4	2.3	3.5
166	34.5	29.0	43.4





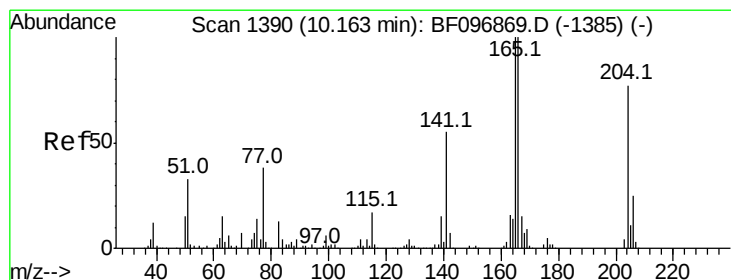
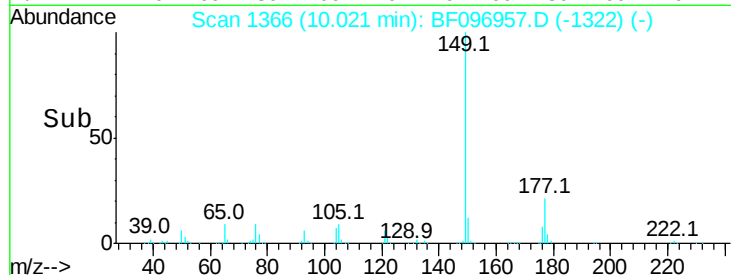
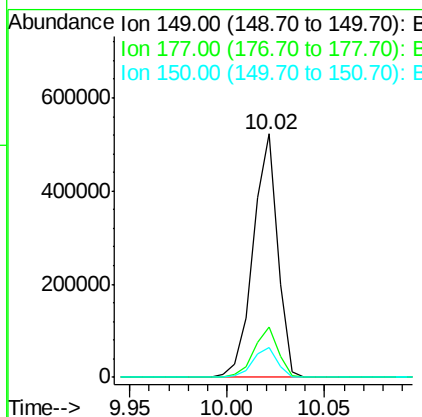
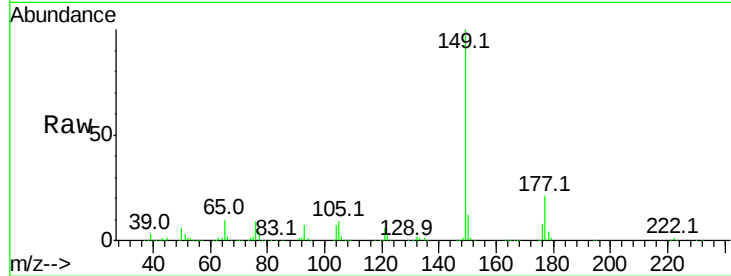
#59
Diethylphthalate
Concen: 35.512 ng
RT: 10.02 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.3	10.2	15.2

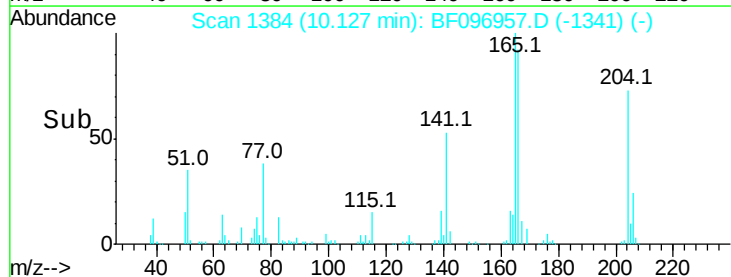
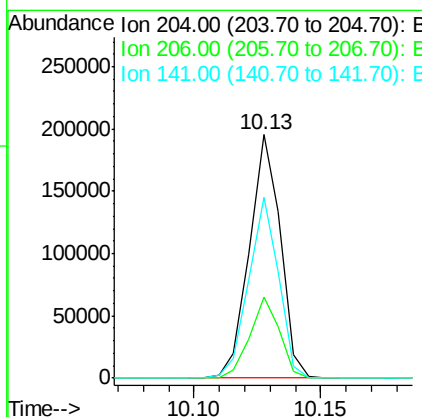
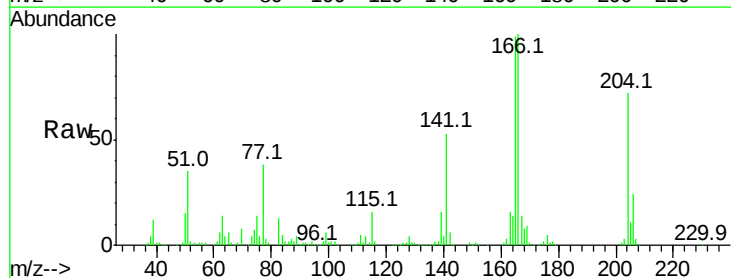
Manual Integrations
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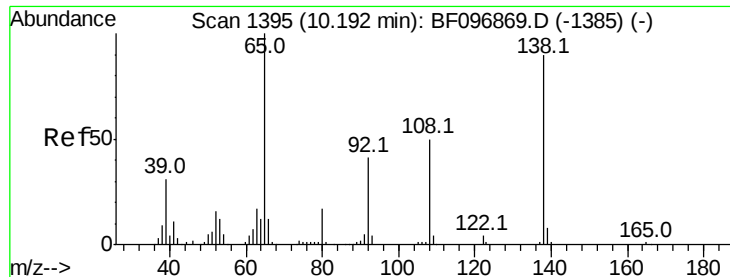
Sohil
7/24/2017 3:05:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.200 ng
RT: 10.13 min Scan# 1384
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	74.2	60.8	91.2





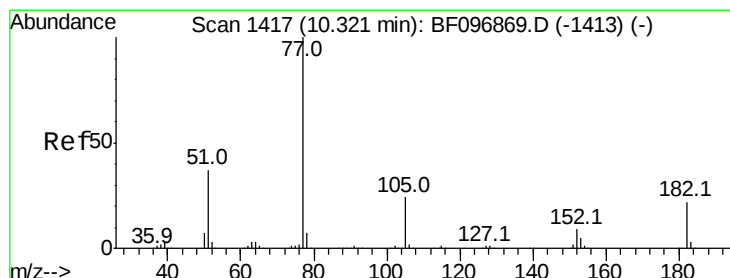
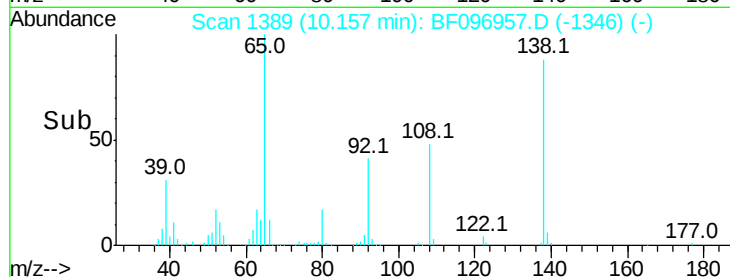
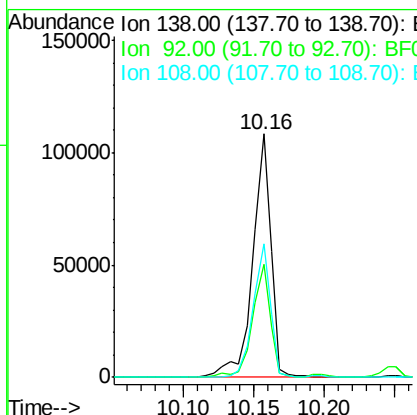
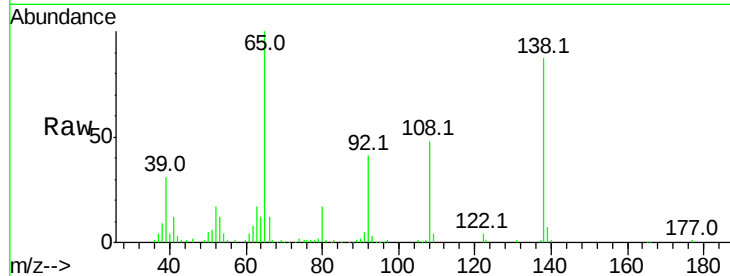
#61
4-Nitroaniline
Concen: 31.188 ng
RT: 10.16 min Scan# 1389
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.6	21.8	61.8	
108	55.0	42.3	82.3	

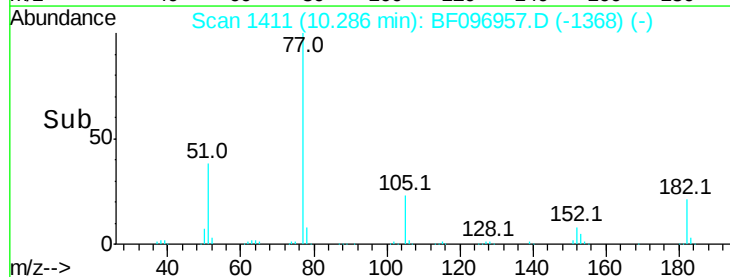
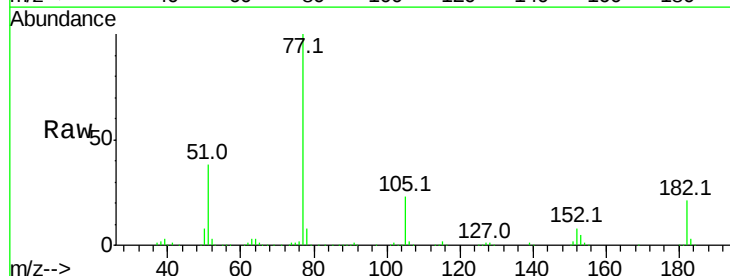
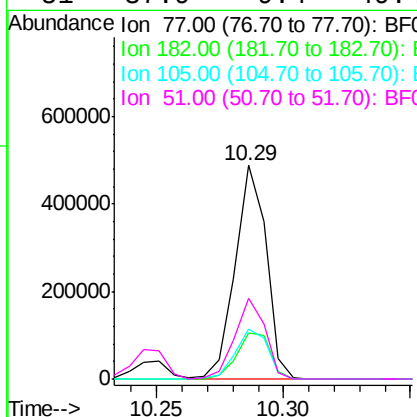
Manual Integrations
APPROVED

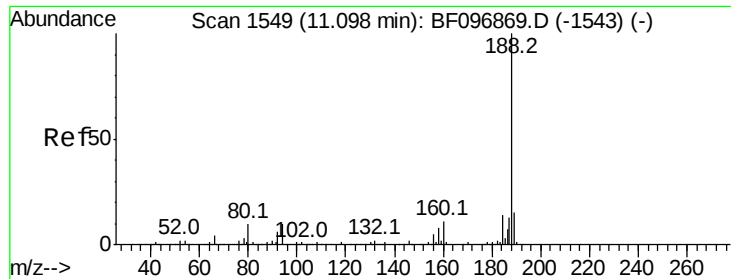
Sohil
7/24/2017 3:05:22 PM



#62
Azobenzene
Concen: 36.805 ng
RT: 10.29 min Scan# 1411
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.3	0.1	40.1	
105	23.4	3.6	43.6	
51	37.9	9.4	49.4	





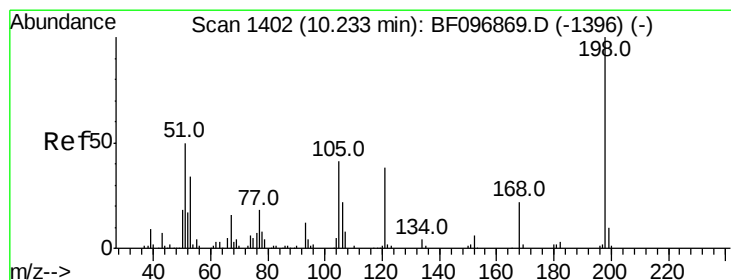
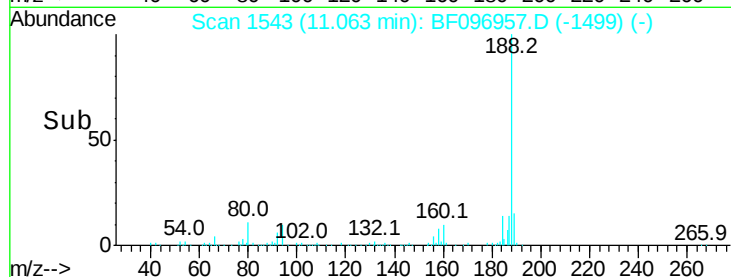
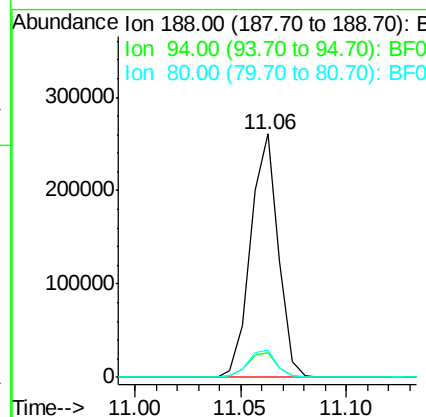
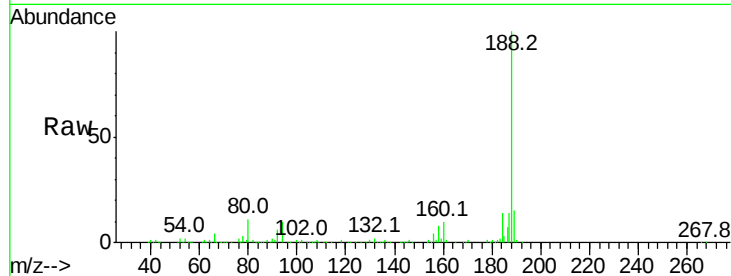
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	236073		
94	10.3		9.4	14.2
80	11.3		10.2	15.2

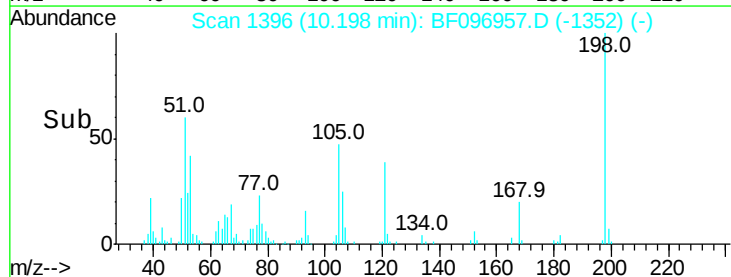
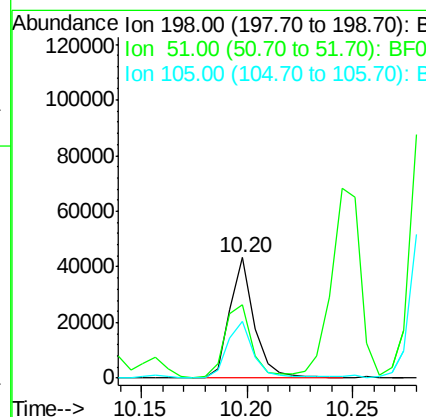
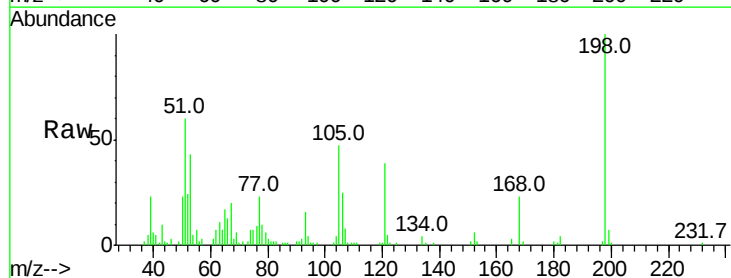
Manual Integrations
APPROVED

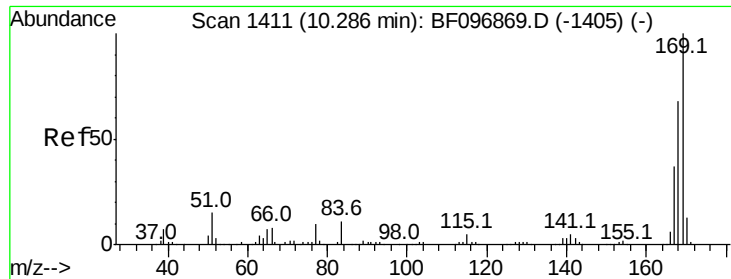
Sohil
7/24/2017 3:05:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 23.345 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34602		
51	60.4		53.2	93.2
105	47.3		45.8	85.8





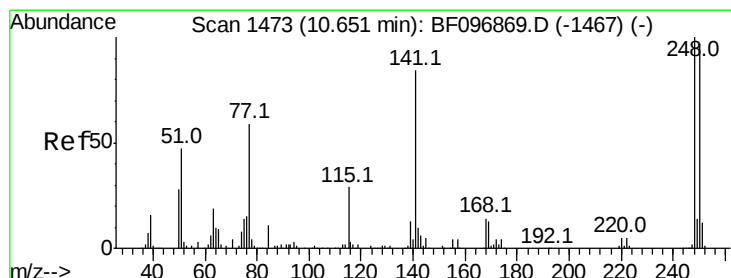
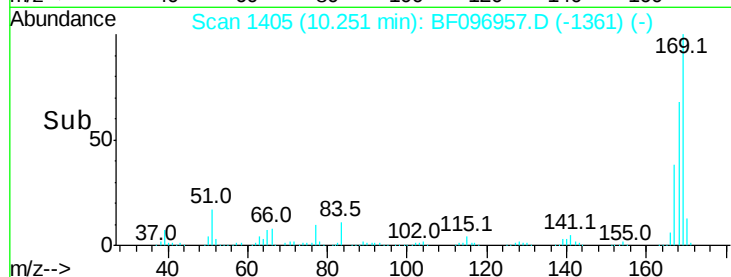
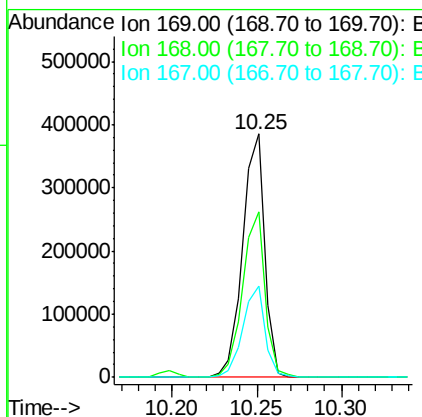
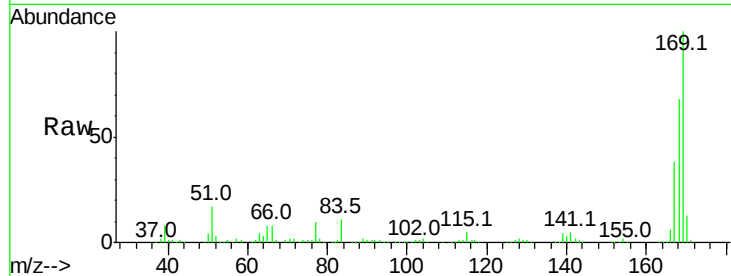
#65
 n-Nitrosodiphenylamine
 Concen: 41.724 ng
 RT: 10.25 min Scan# 1405
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.2	79.8
167	37.6	29.5	44.3

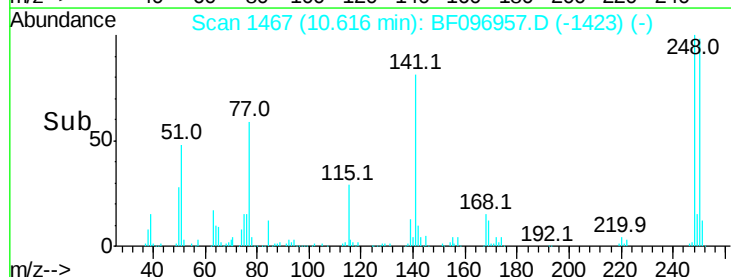
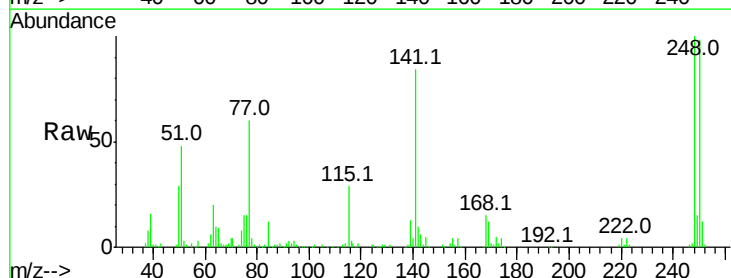
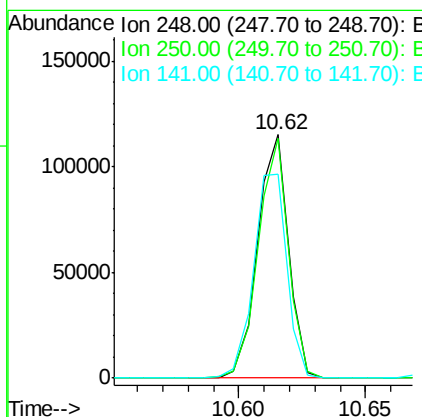
Manual Integrations
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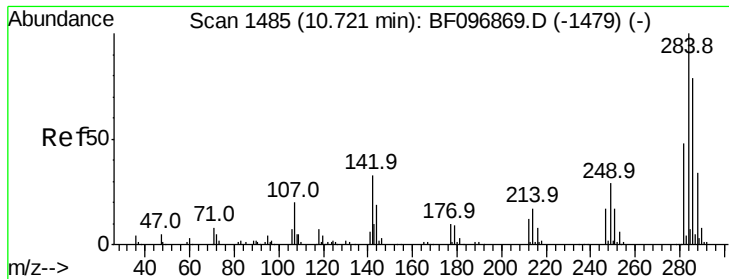
Sohil
 7/24/2017 3:05:22 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.640 ng
 RT: 10.62 min Scan# 1467
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.8	115.2
141	83.5	68.6	103.0





#67

Hexachlorobenzene

Concen: 35.641 ng

RT: 10.68 min Scan# 1478

Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

ClientSampled :

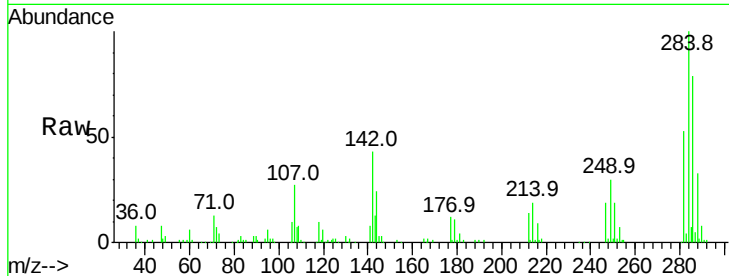
FK-SF-03-001-AMS

Tot Ion:	284	Resp:	95674
Ion Ratio	Lower	Upper	
284	100		
142	42.6	22.8	34.2#
249	30.2	24.0	36.0

Manual Integrations
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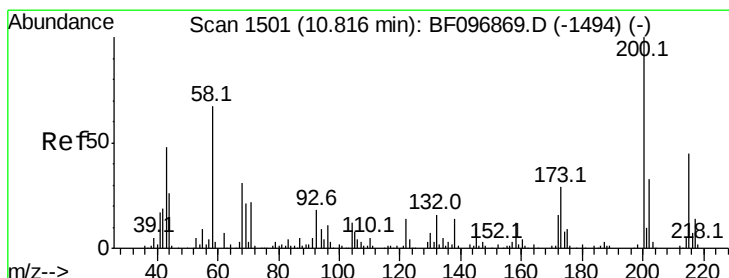
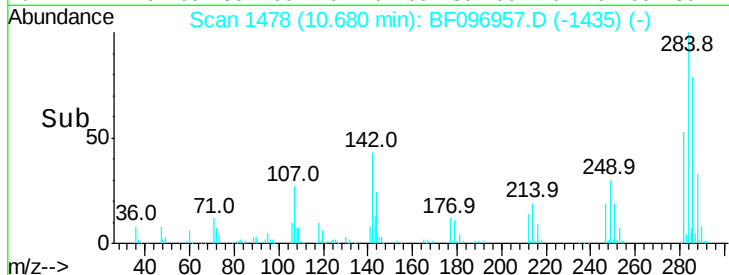
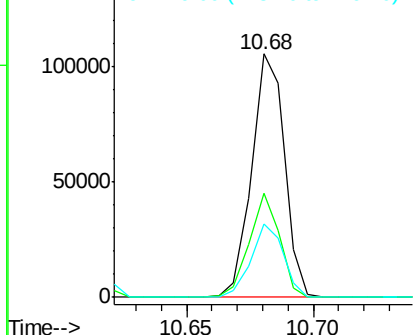
7/24/2017 3:05:22 PM



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: 40.824 ng

RT: 10.78 min Scan# 1495

Delta R.T. -0.05 min

Lab File: BF096957.D

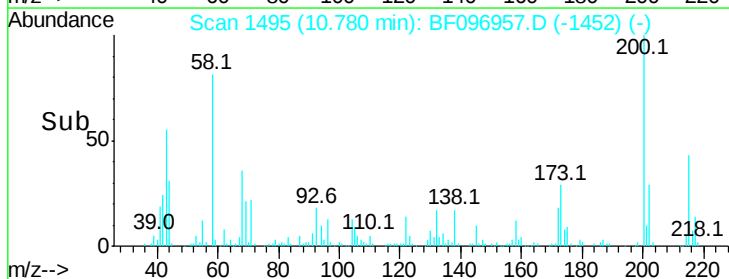
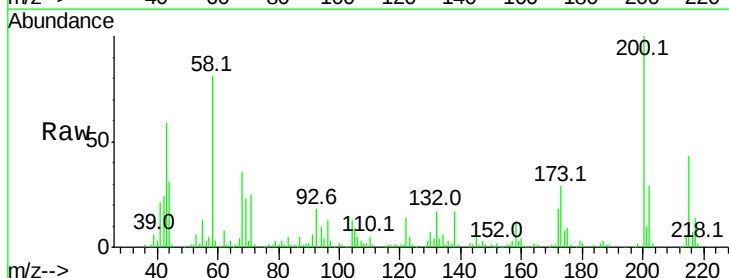
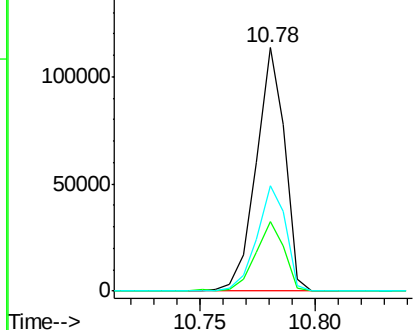
Acq: 21 Jul 2017 21:23

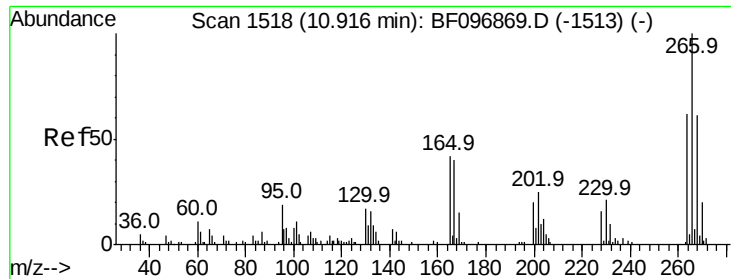
Tgt Ion:	200	Resp:	98148
Ion Ratio	Lower	Upper	
200	100		
173	28.7	6.3	46.3
215	43.1	27.2	67.2

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





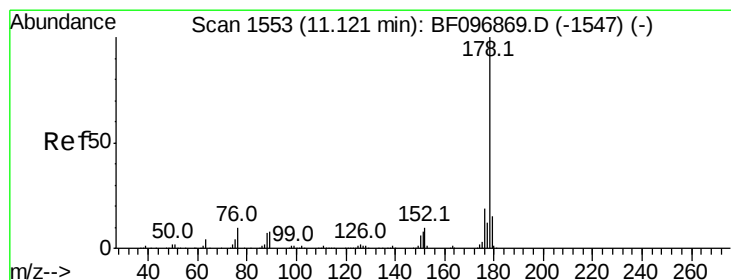
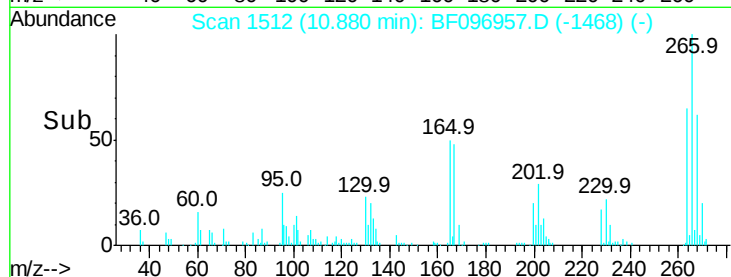
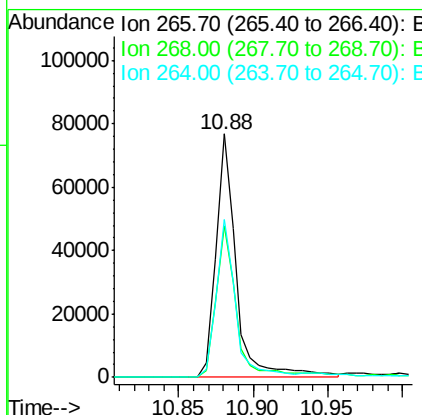
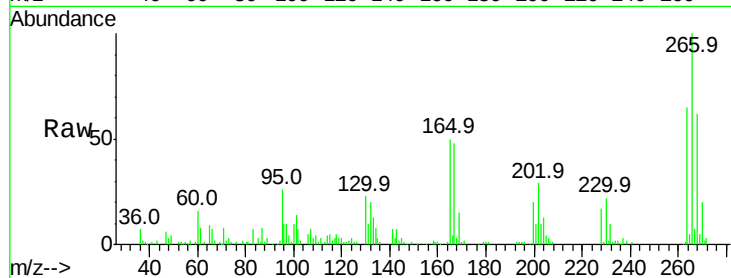
#69
 Pentachlorophenol
 Concen: 56.271 ng
 RT: 10.88 min Scan# 1512
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	64.8	51.7	77.5

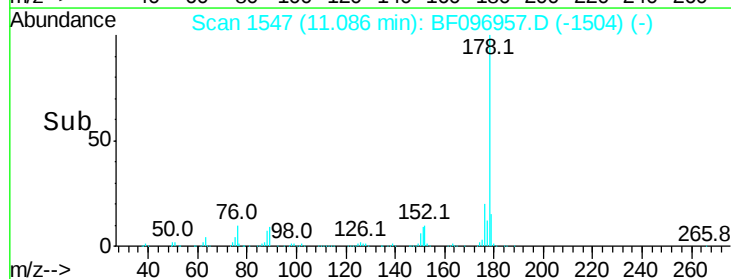
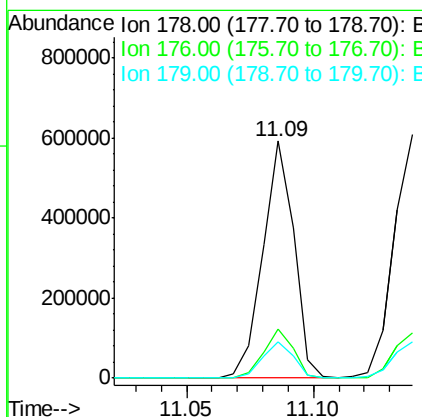
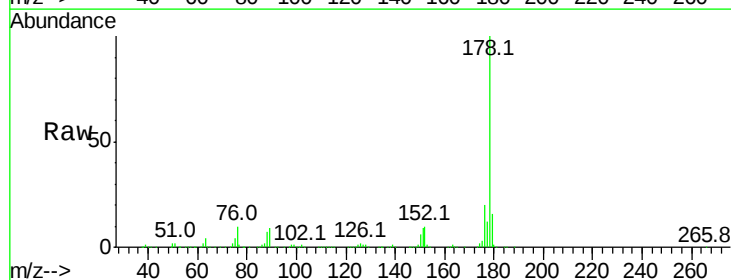
Manual Integrations
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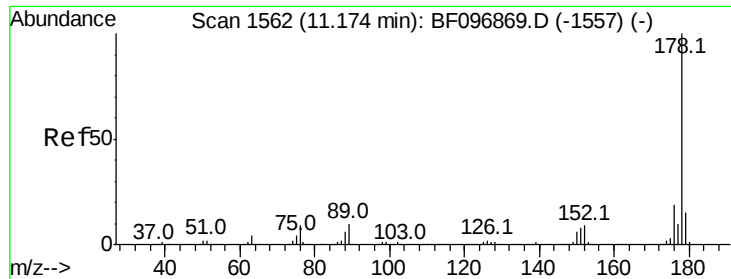
Sohil
 7/24/2017 3:05:22 PM



#70
 Phenanthrene
 Concen: 39.646 ng
 RT: 11.09 min Scan# 1547
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.5	12.6	19.0





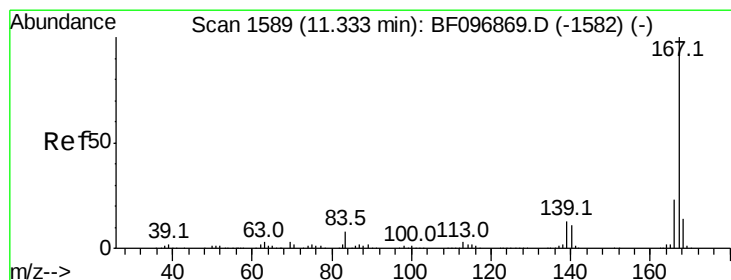
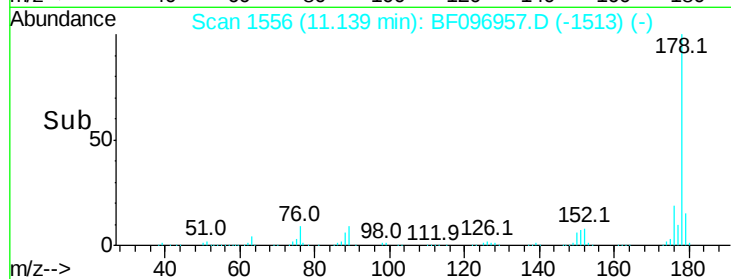
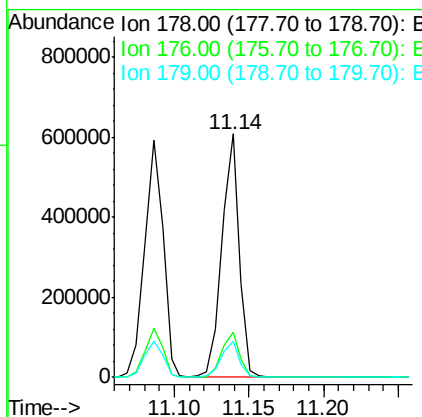
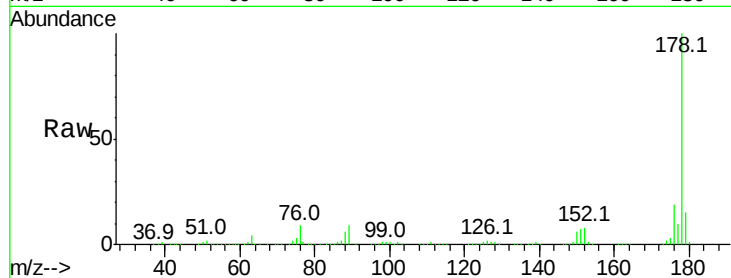
#71
 Anthracene
 Concen: 38.865 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	12.7	19.1

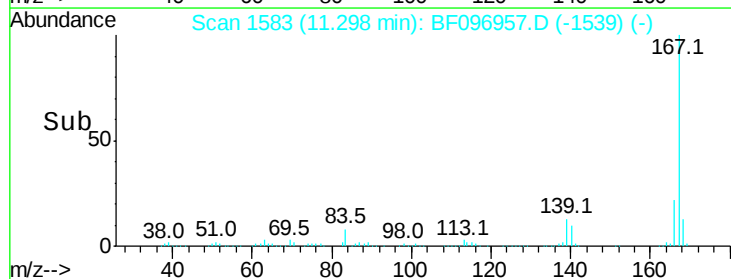
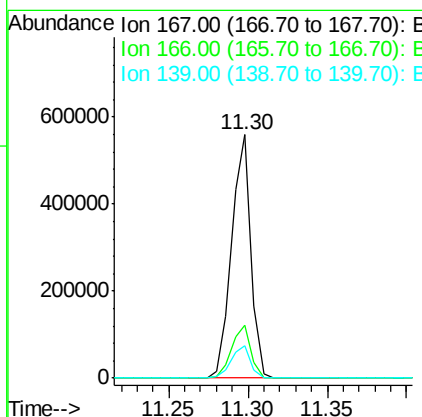
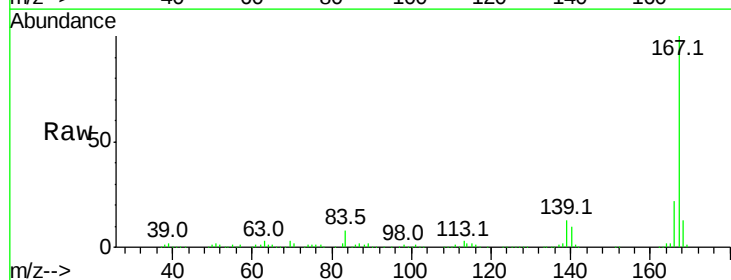
Manual Integrations
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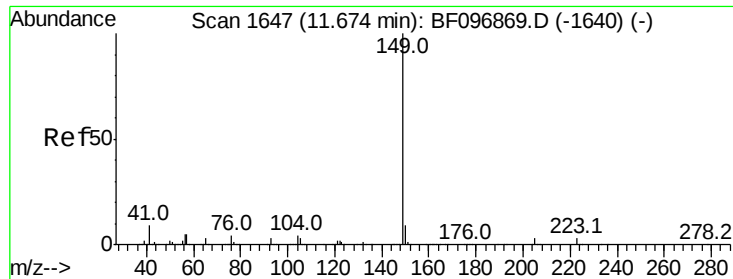
Sohil
 7/24/2017 3:05:22 PM



#72
 Carbazole
 Concen: 37.504 ng
 RT: 11.30 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.1	11.7	17.5





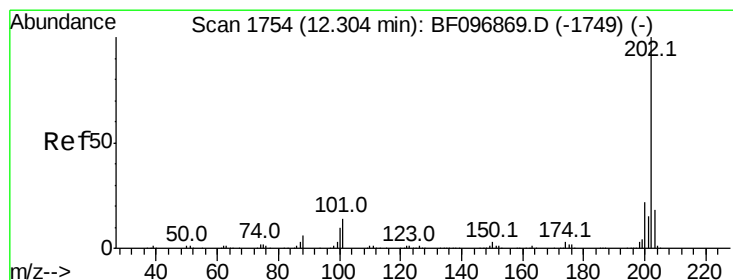
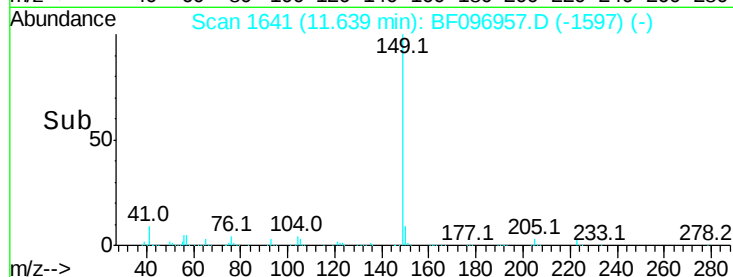
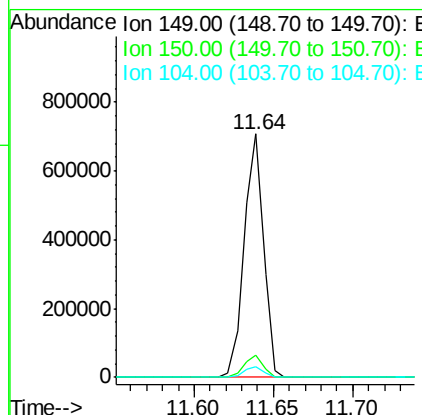
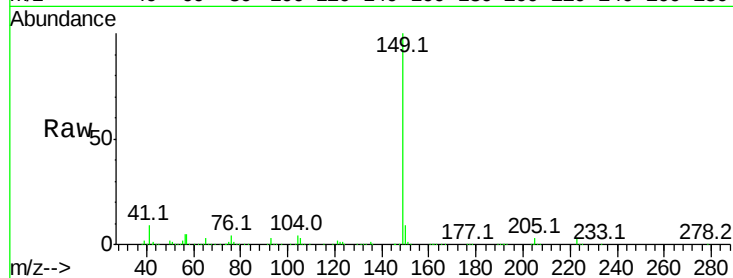
#73
Di-n-butylphthalate
Concen: 38.124 ng
RT: 11.64 min Scan# 1641
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.3	4.0	6.0

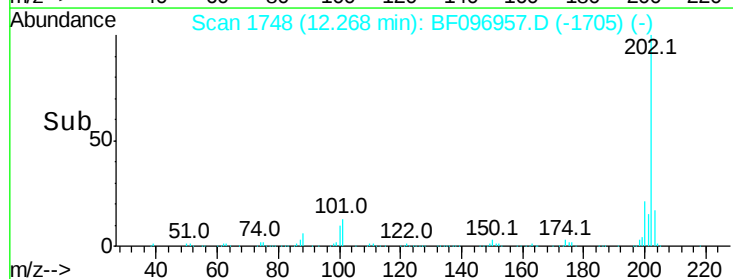
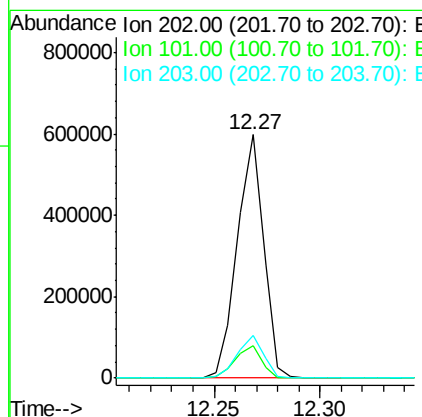
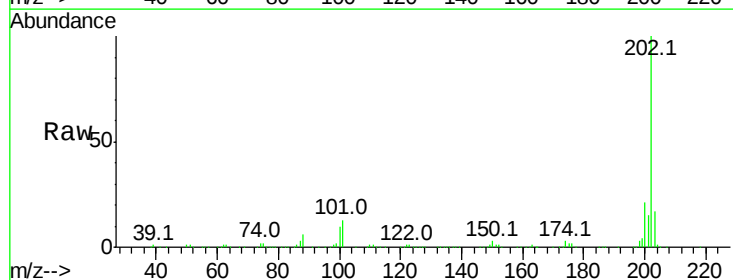
Manual Integrations
APPROVED

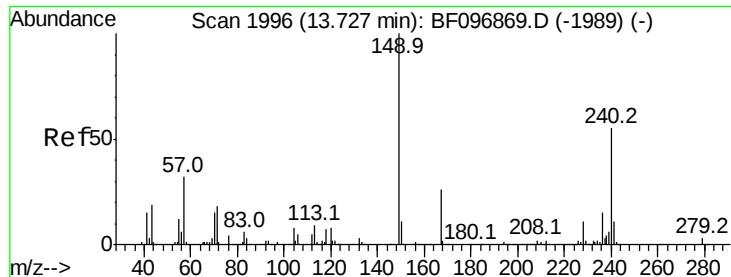
Sohil
7/24/2017 3:05:22 PM



#74
Fluoranthene
Concen: 41.891 ng
RT: 12.27 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-AMS

Tot Ion:240 Resp: 178987

Ion Ratio Lower Upper

240 100

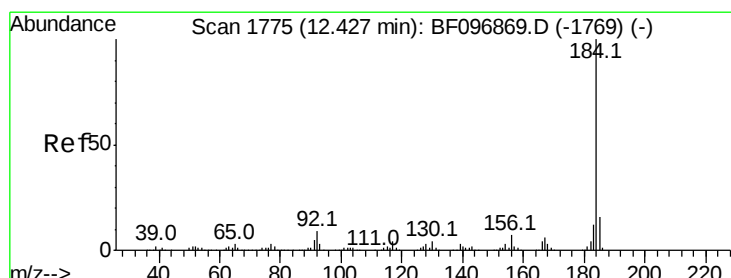
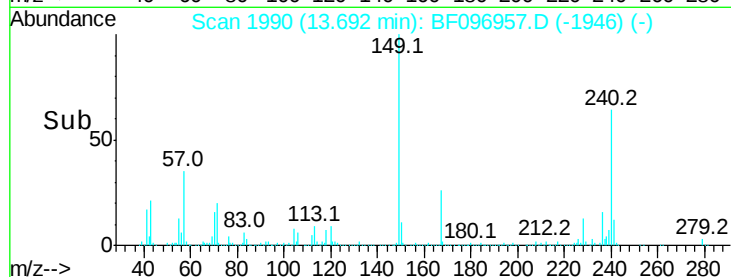
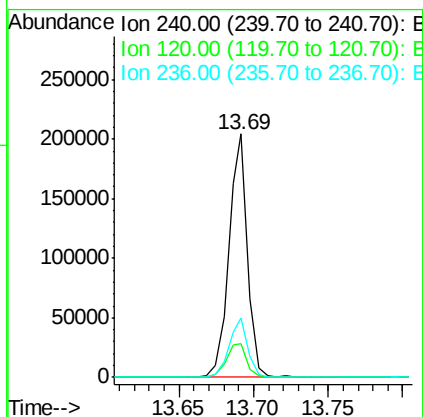
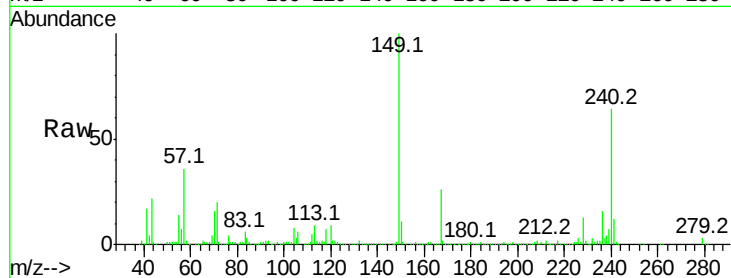
120 13.6 5.8 8.8#

236 24.5 20.5 30.7

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#76

Benzidine

Concen: 37.738 ng

RT: 12.39 min Scan# 1769

Delta R.T. -0.04 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

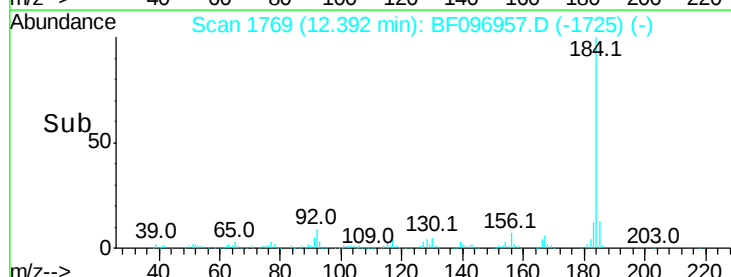
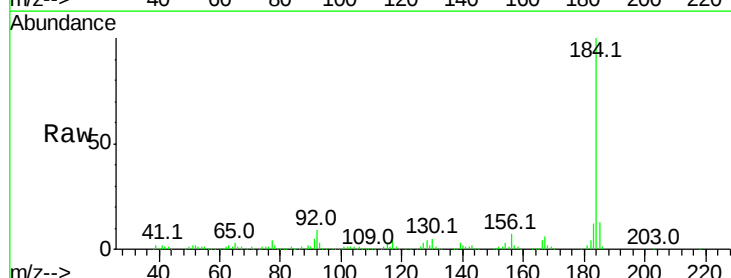
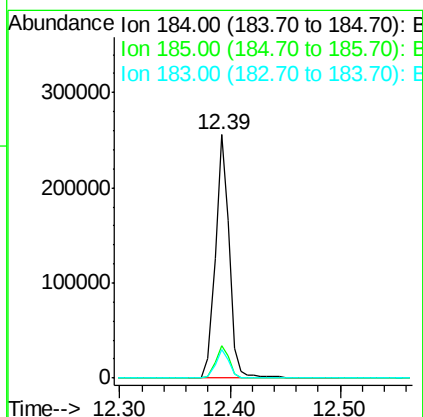
Tgt Ion:184 Resp: 221286

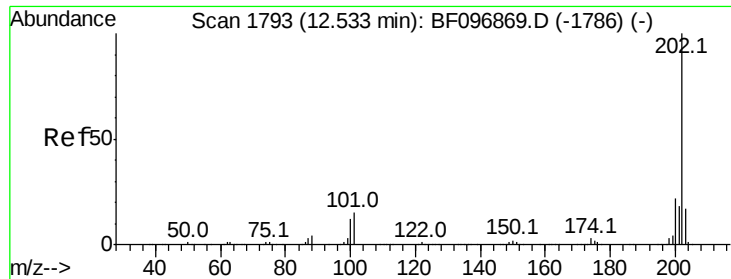
Ion Ratio Lower Upper

184 100

185 13.3 15.5 23.3#

183 11.9 9.8 14.6





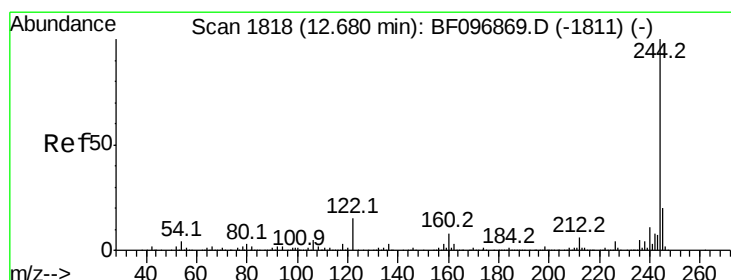
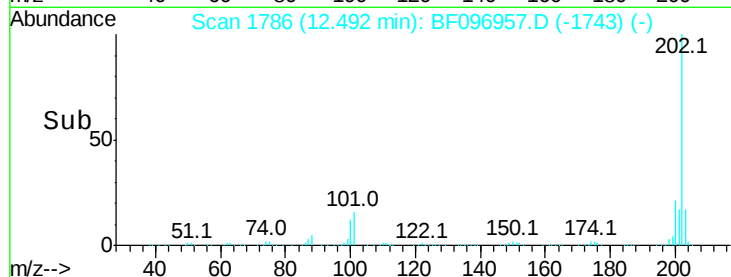
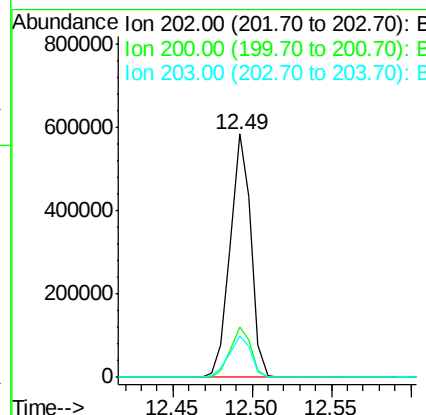
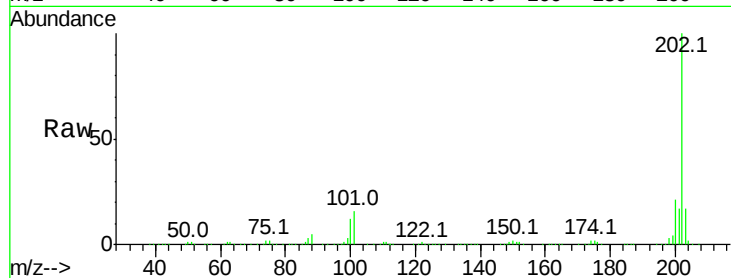
#77
Pvrene
Concen: 32.520 ng
RT: 12.49 min Scan# 1786
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.0	14.4	21.6

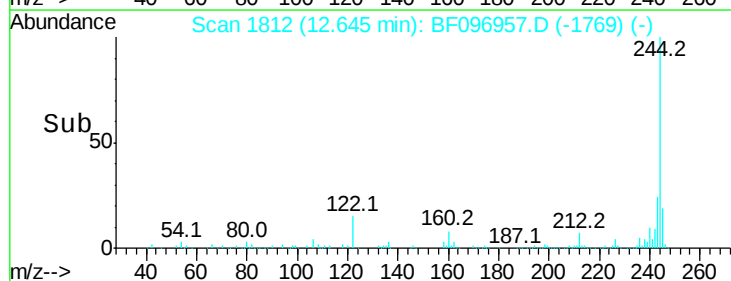
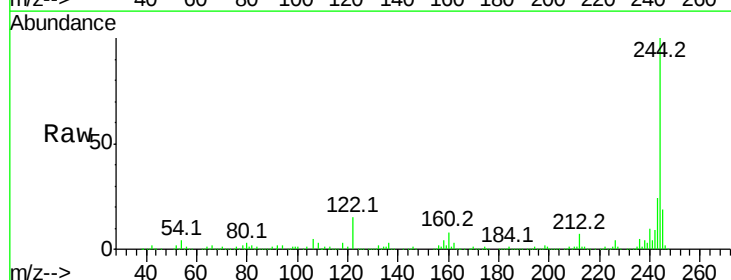
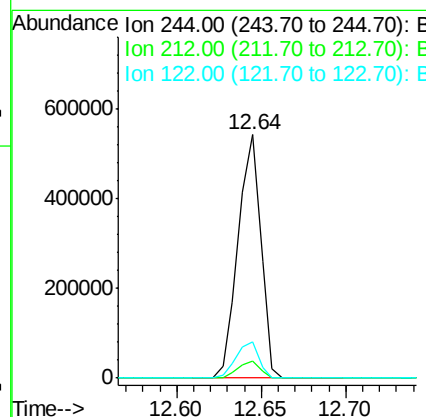
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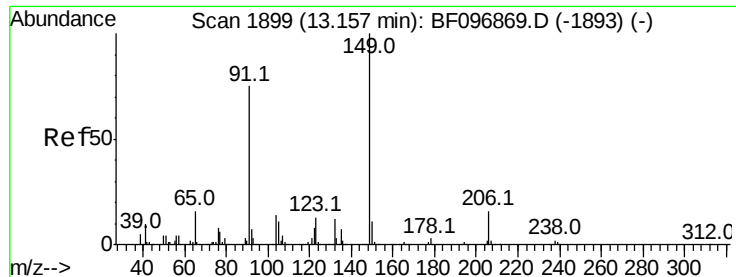
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#78
Terphenyl-d14
Concen: 49.239 ng
RT: 12.64 min Scan# 1812
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.7	10.3	15.5





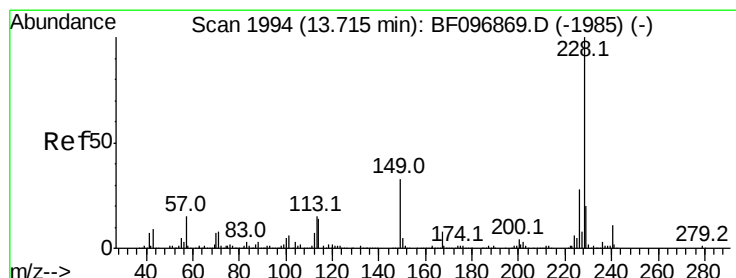
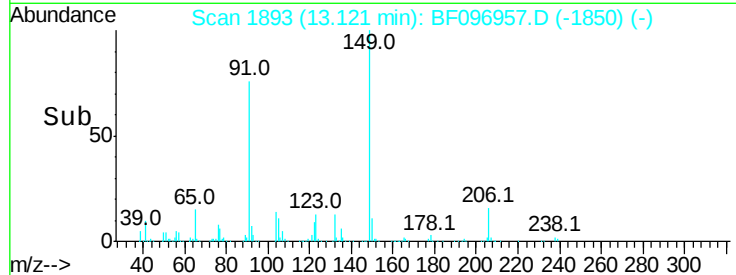
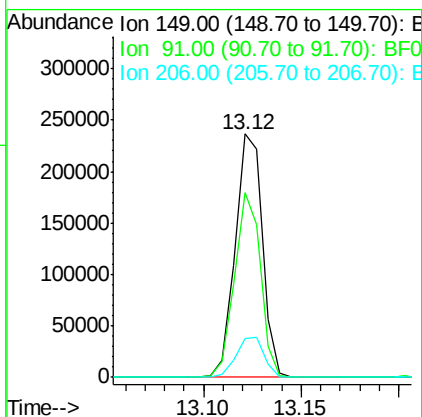
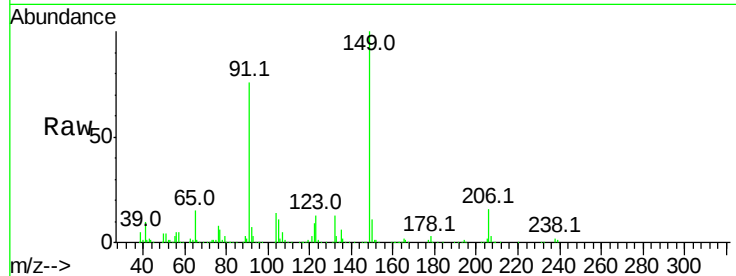
#79
Butylbenzylphthalate
Concen: 29.619 ng
RT: 13.12 min Scan# 1893
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	228605		
91	75.9	45.0	67.4#	
206	16.0	17.0	25.6#	

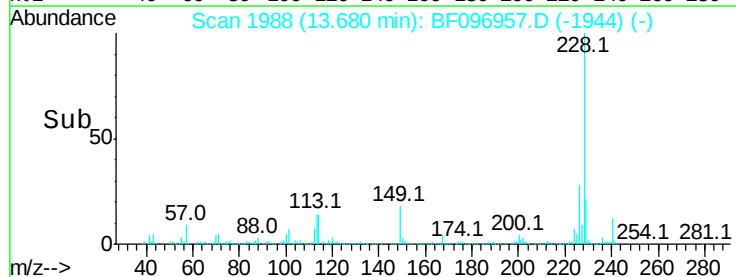
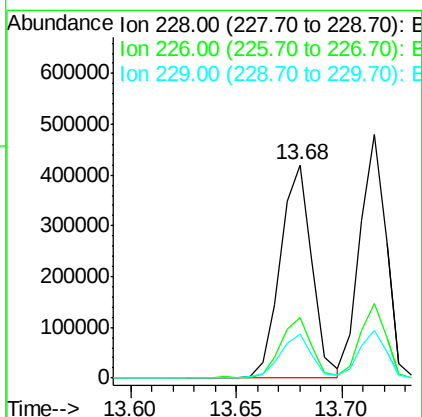
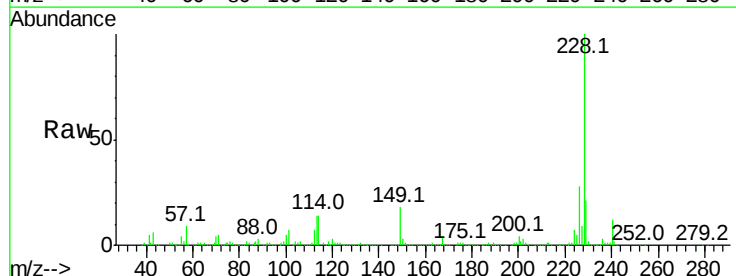
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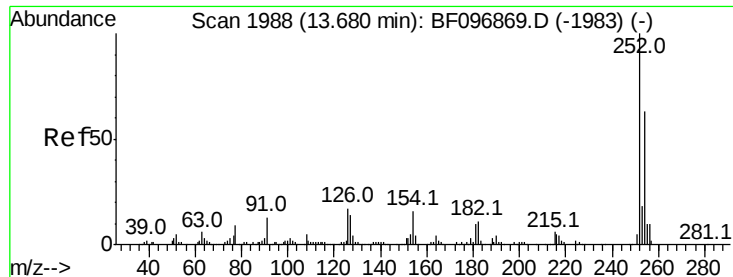
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#80
Benzo(a)anthracene
Concen: 39.293 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	438200		
226	28.2	22.6	33.8	
229	20.7	16.3	24.5	





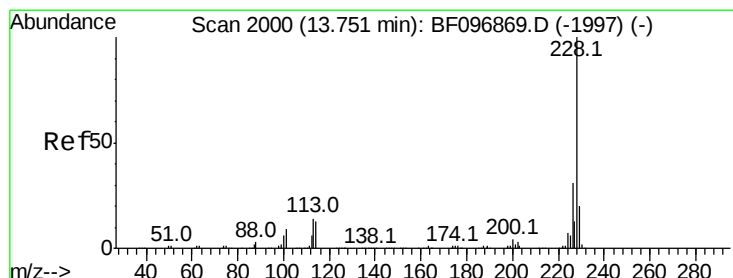
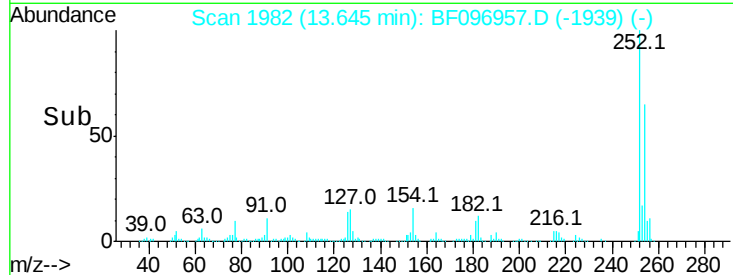
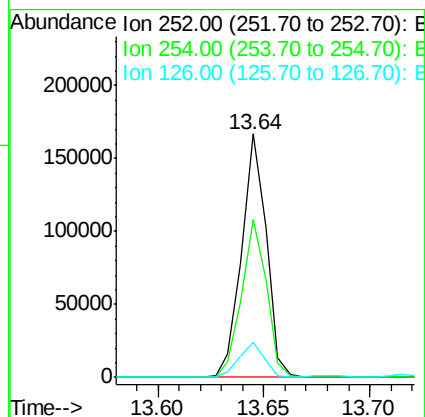
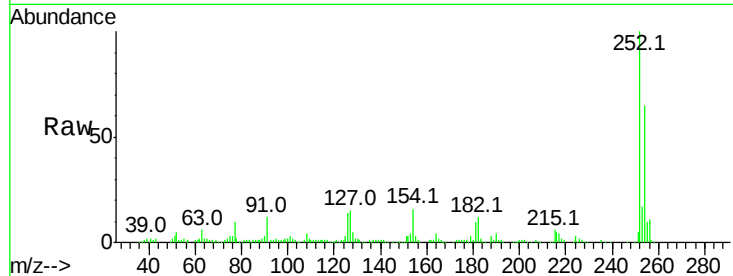
#81
 3,3'-Dichlorobenzidine
 Concen: 33.562 ng
 RT: 13.64 min Scan# 1982
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	51.5	77.3
126	14.2	15.8	23.8

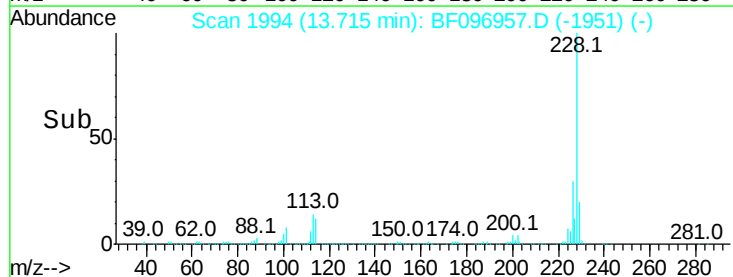
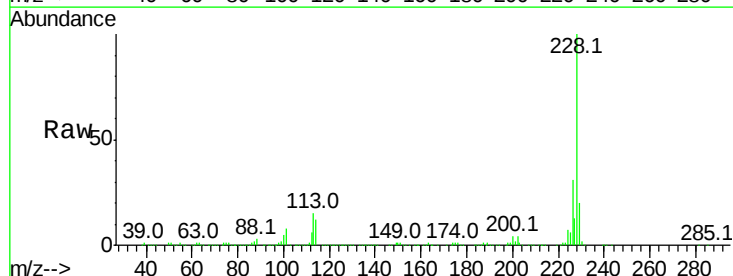
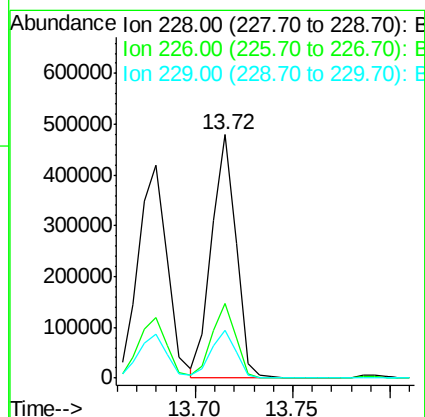
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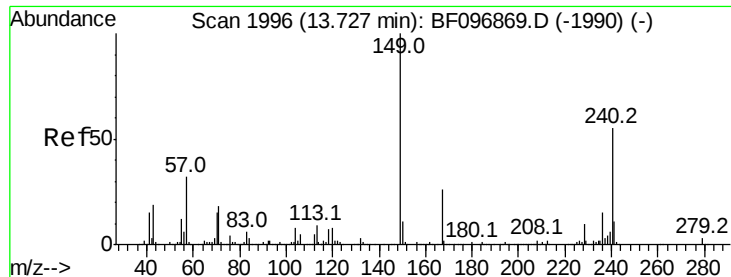
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#82
 Chrysene
 Concen: 37.921 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.05 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	15.8	23.6





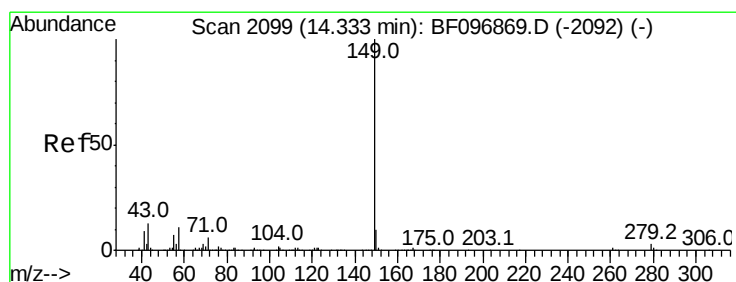
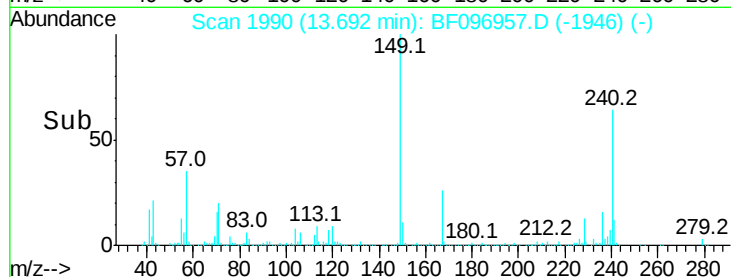
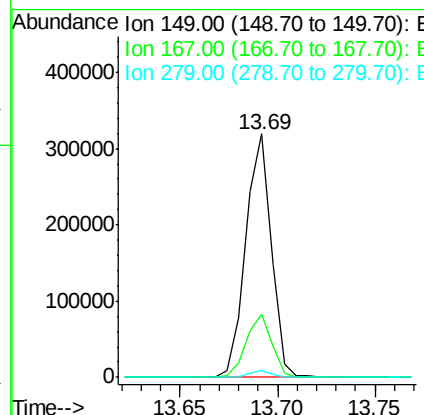
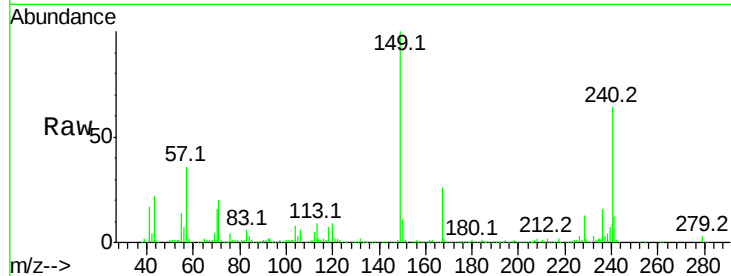
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.950 ng
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.0	21.0	31.4
279	2.9	1.9	2.9#

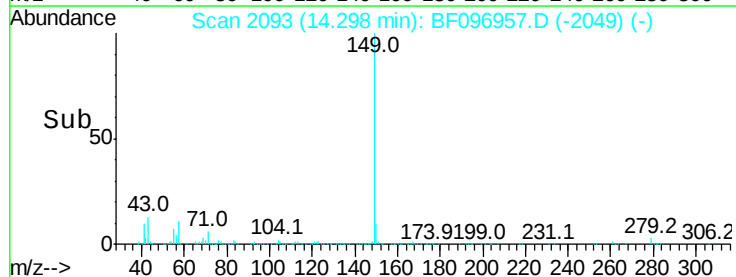
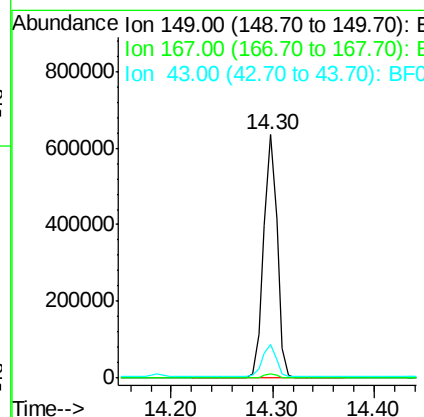
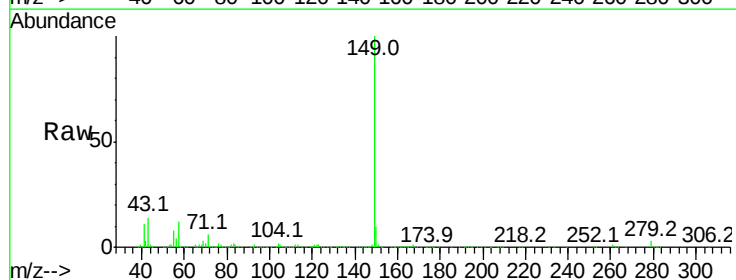
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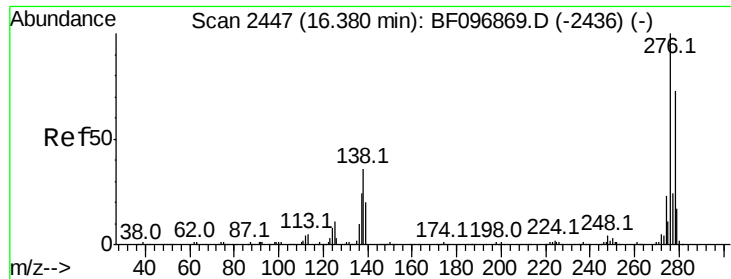
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#84
 Di-n-octyl phthalate
 Concen: 37.791 ng
 RT: 14.30 min Scan# 2093
 Delta R.T. -0.04 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.2	1.8
43	13.5	8.5	12.7#





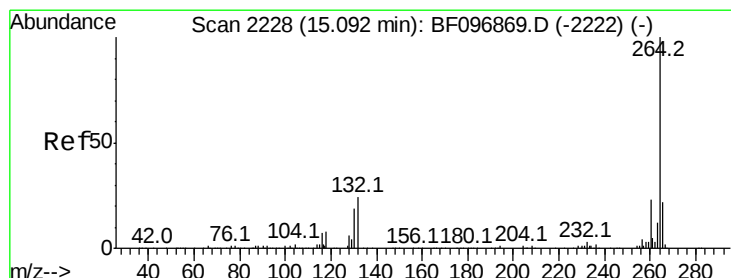
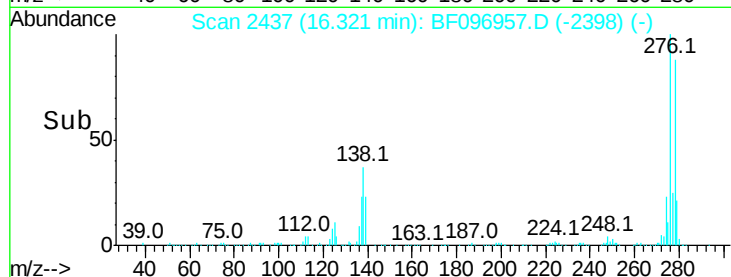
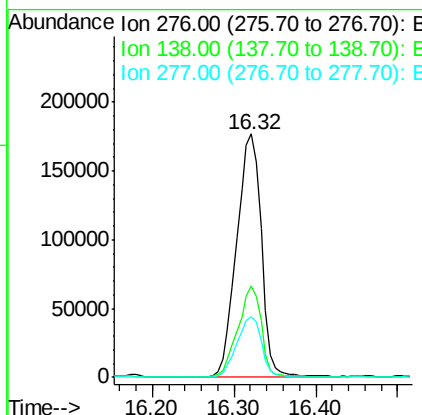
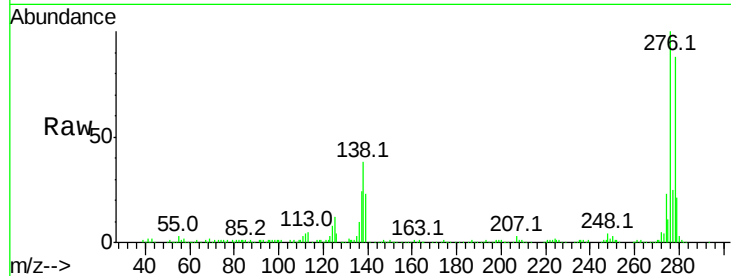
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.972 ng
RT: 16.32 min Scan# 2437
Delta R.T. -0.07 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	27.8	41.6
277	25.1	20.2	30.4

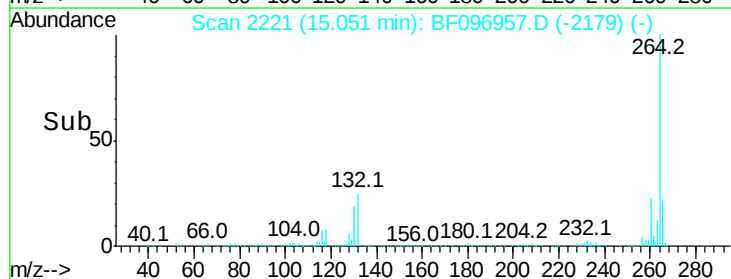
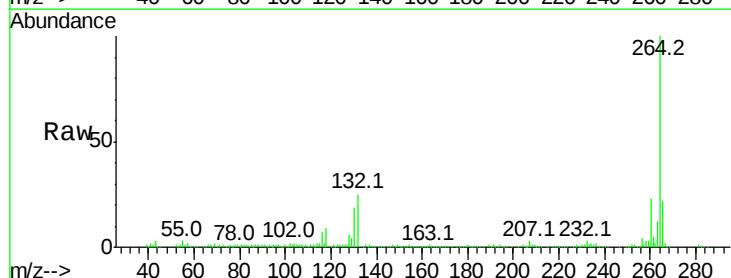
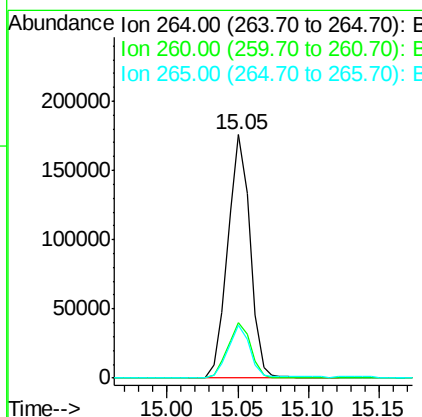
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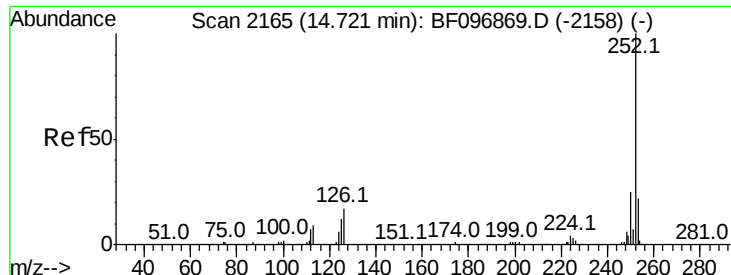
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.944 ng

RT: 14.69 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Instrument :

BNA_F

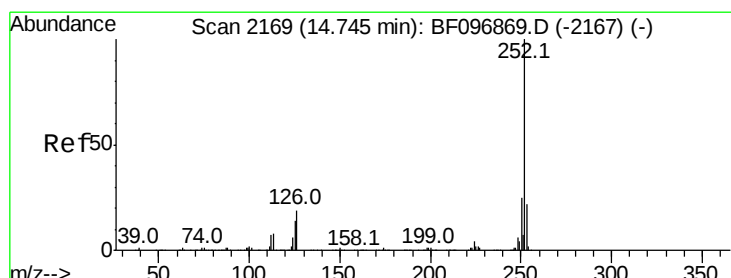
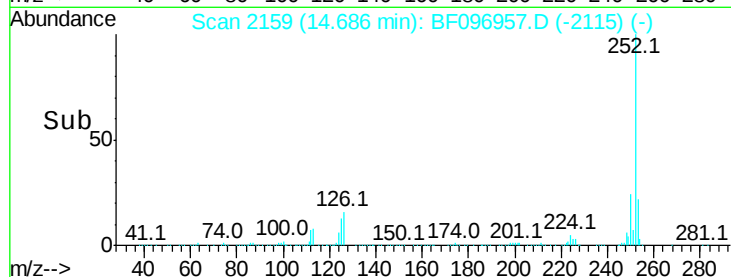
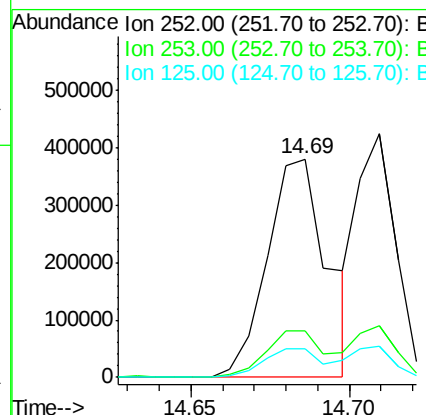
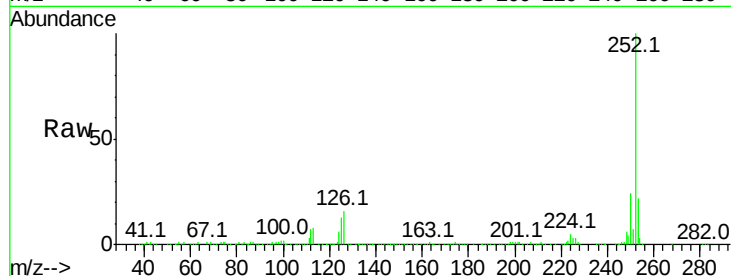
ClientSampleId :

FK-SF-03-001-AMS

Tot Ion:	252	Resp:	503340
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	12.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 32.177 ng

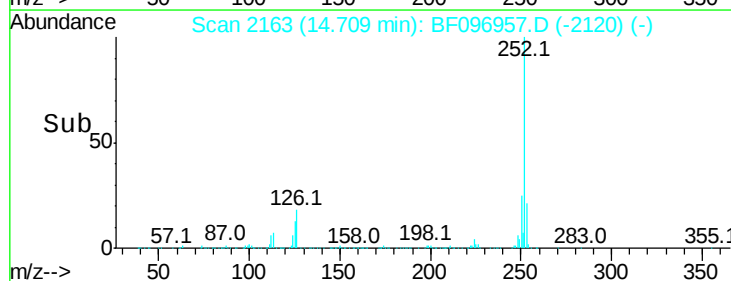
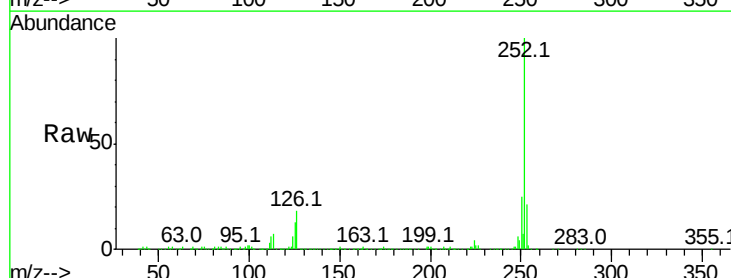
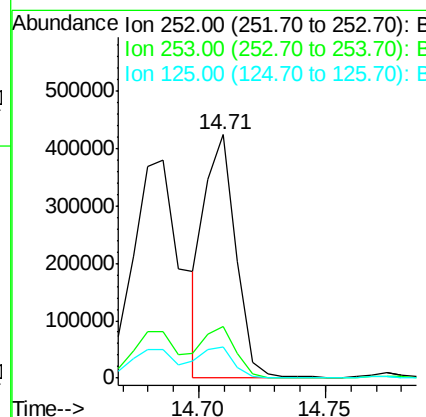
RT: 14.71 min Scan# 2163

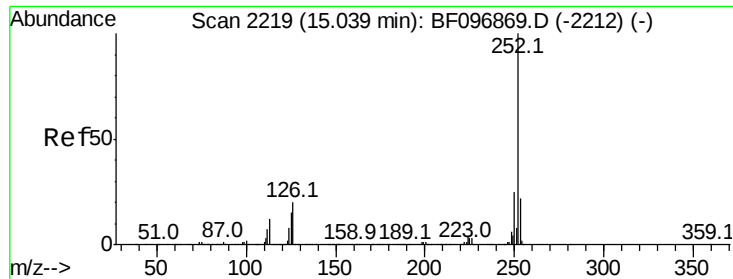
Delta R.T. -0.05 min

Lab File: BF096957.D

Acq: 21 Jul 2017 21:23

Tgt Ion:	252	Resp:	357130
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.4	27.6
125	12.8	13.1	19.7#





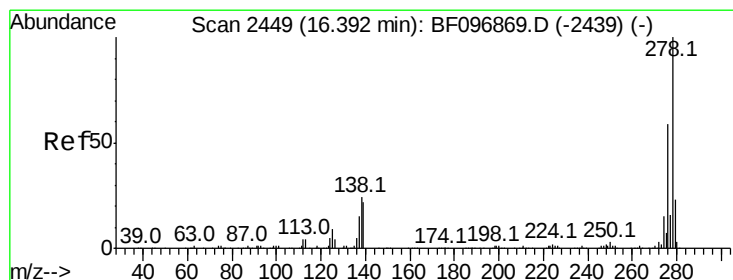
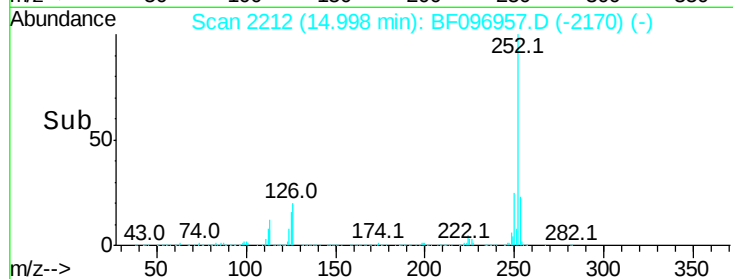
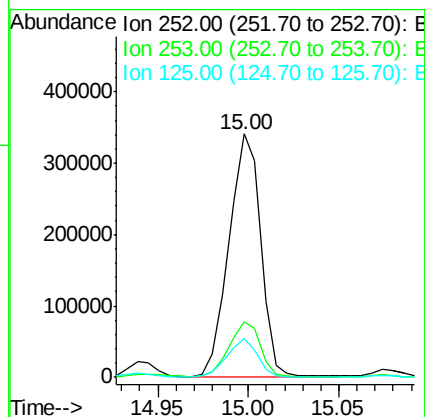
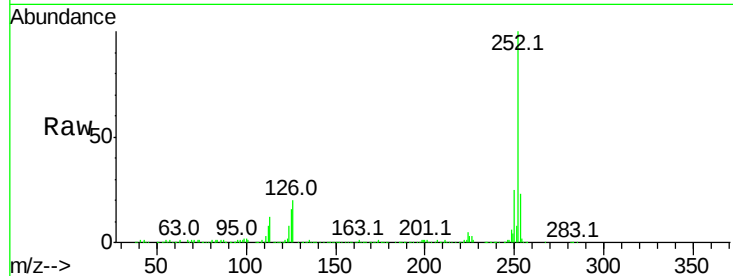
#89
Benzo(a)pyrene
Concen: 38.612 ng
RT: 15.00 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-AMS

Tot Ion:	252	Resp:	415084
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	15.7	11.0	16.4

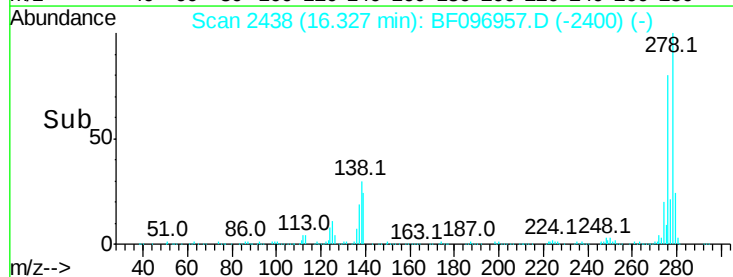
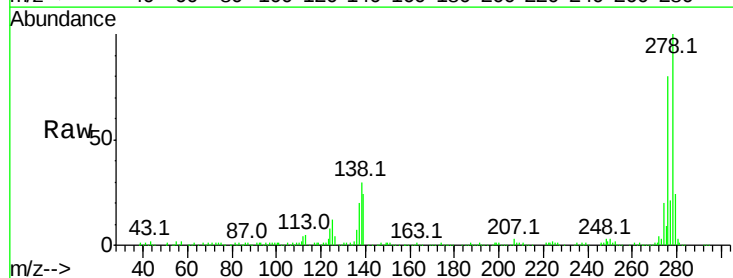
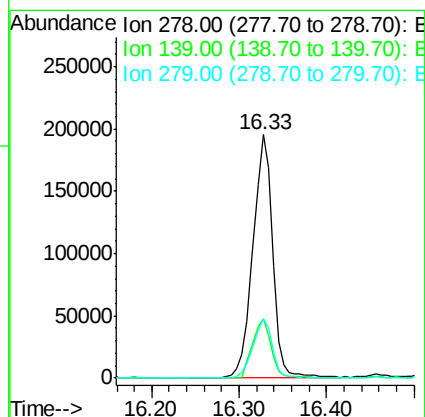
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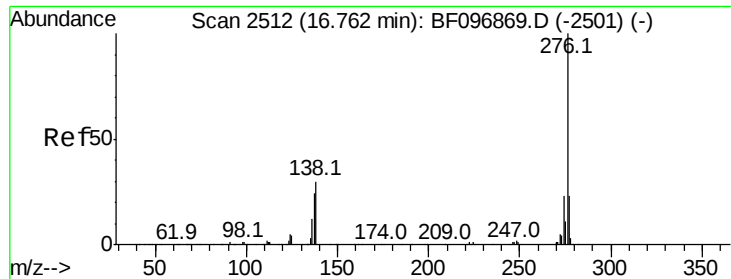
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#90
Dibenzo(a,h)anthracene
Concen: 30.046 ng
RT: 16.33 min Scan# 2438
Delta R.T. -0.08 min
Lab File: BF096957.D
Acq: 21 Jul 2017 21:23

Tgt Ion:	278	Resp:	297208
Ion Ratio	Lower	Upper	
278	100		
139	24.3	16.6	24.8
279	24.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 28.074 ng
 RT: 16.69 min Scan# 2500
 Delta R.T. -0.09 min
 Lab File: BF096957.D
 Acq: 21 Jul 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-AMS

Tot Ion:	276	Resp:	297375
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.6	28.0
138	32.9	25.4	38.0

Manual Integrations
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