

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103718.D
 Acq On : 17 Mar 2018 1:07
 Operator : JU/SJ
 Sample : J1945-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:02:49 PM

Quant Time: Mar 17 04:09:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164304	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	664876	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	285544	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	431938	20.00	ng	0.00
75) Chrysene-d12	14.16	240	294435	20.00	ng	0.00
86) Perylene-d12	15.69	264	246985	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1335850	123.66	ng	0.02
7) Phenol-d6	6.60	99	1663902	125.90	ng	0.01
23) Nitrobenzene-d5	7.54	82	981300	102.92	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	308350	125.59	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1467520	81.98	ng	0.00
78) Terphenyl-d14	13.09	244	1105010	87.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	182768	34.361	ng	93
3) Pyridine	3.65	79	509704	34.839	ng	89
4) n-Nitrosodimethylamine	3.61	42	223498	41.431	ng	# 86
6) Aniline	6.63	93	357234	18.930	ng	99
8) 2-Chlorophenol	6.76	128	458540	40.521	ng	98
9) Benzaldehyde	6.52	77	184740	21.277	ng	99
10) Phenol	6.61	94	595623	42.413	ng	100
11) bis(2-Chloroethyl)ether	6.71	93	454785	39.229	ng	94
12) 1,3-Dichlorobenzene	6.92	146	470024	36.469	ng	99
13) 1,4-Dichlorobenzene	6.99	146	476194	36.768	ng	98
14) 1,2-Dichlorobenzene	7.15	146	439496	36.570	ng	99
15) Benzyl Alcohol	7.11	79	399158	38.981	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	619278	37.557	ng	96
17) 2-Methylphenol	7.22	107	388220	38.524	ng	99
18) Hexachloroethane	7.49	117	139391	30.598	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	311817	36.816	ng	95
20) 3+4-Methylphenols	7.37	107	478806	37.439	ng	92
22) Acetophenone	7.38	105	613430	35.899	ng	# 95
24) Nitrobenzene	7.56	77	475150	42.450	ng	99
25) Isophorone	7.79	82	890131	40.330	ng	99
26) 2-Nitrophenol	7.87	139	196719	46.549	ng	97
27) 2,4-Dimethylphenol	7.90	122	416257	44.024	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	563500	42.163	ng	99
29) 2,4-Dichlorophenol	8.11	162	360384	41.894	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	364216	36.504	ng	99
31) Naphthalene	8.28	128	1262899	37.602	ng	100
32) Benzoic acid	7.94	122	12601m	11.404	ng	
33) 4-Chloroaniline	8.32	127	158003	11.213	ng	99
34) Hexachlorobutadiene	8.39	225	195780	35.790	ng	98
35) Caprolactam	8.69	113	113297	38.249	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	386106	40.714	ng	97
37) 2-Methylnaphthalene	8.97	142	789108	37.049	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	321557	39.473	ng	99
40) Hexachlorocyclopentadiene	9.12	237	62528	14.875	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	232022	44.529	nq	98
43) 2,4,5-Trichlorophenol	9.28	196	241877	41.128	nq	97
45) 1,1'-Biphenyl	9.43	154	897557	37.696	nq	100
46) 2-Chloronaphthalene	9.46	162	720917	38.121	nq	97
47) 2-Nitroaniline	9.55	65	235107	47.591	nq	97
48) Acenaphthylene	9.87	152	1060869	36.175	nq	100
49) Dimethylphthalate	9.73	163	1002041	45.996	nq	99
50) 2,6-Dinitrotoluene	9.79	165	176061	42.293	nq	98
51) Acenaphthene	10.05	154	622315	35.739	nq	100
52) 3-Nitroaniline	9.96	138	175677	35.832	nq	97
53) 2,4-Dinitrophenol	10.06	184	7946	18.257	nq #	54
54) Dibenzofuran	10.22	168	935151	37.603	nq	98
55) 4-Nitrophenol	10.12	139	295612	74.481	nq	99
56) 2,4-Dinitrotoluene	10.20	165	214045	41.114	nq	98
57) Fluorene	10.56	166	697634	36.151	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	178359	42.801	nq	97
59) Diethylphthalate	10.43	149	822959	38.060	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	333361	37.799	nq	99
61) 4-Nitroaniline	10.58	138	180251	37.933	nq	98
62) Azobenzene	10.72	77	784402	35.682	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	13005	16.600	nq	91
65) n-Nitrosodiphenylamine	10.67	169	639914	43.524	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	192290	43.359	nq	94
67) Hexachlorobenzene	11.12	284	194811	38.487	nq #	88
68) Atrazine	11.20	200	184448	40.555	nq	96
69) Pentachlorophenol	11.30	266	192417	66.122	nq	96
70) Phenanthrene	11.53	178	1014902	42.953	nq	99
71) Anthracene	11.59	178	927405	38.645	nq	99
72) Carbazole	11.73	167	865295	37.097	nq	100
73) Di-n-butylphthalate	12.06	149	1158029	41.377	nq	100
74) Fluoranthene	12.72	202	958471	39.375	nq	99
76) Benzidine	12.85	184	514418	40.964	nq	98
77) Pyrene	12.96	202	915607	42.344	nq	100
79) Butylbenzylphthalate	13.56	149	404214	42.193	nq	98
80) Benzo(a)anthracene	14.14	228	753446	40.426	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	244997	39.299	nq	98
82) Chrysene	14.19	228	712445	40.101	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	568247	41.520	nq	99
84) Di-n-octyl phthalate	14.75	149	937724	47.096	nq	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	551185	35.525	nq	98
87) Benzo(b)fluoranthene	15.24	252	668141	42.819	nq	99
88) Benzo(k)fluoranthene	15.27	252	626840	41.791	nq	99
89) Benzo(a)pyrene	15.63	252	591410	41.787	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	451925	36.877	nq	98
91) Benzo(g,h,i)perylene	17.74	276	444148	37.254	nq	96

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

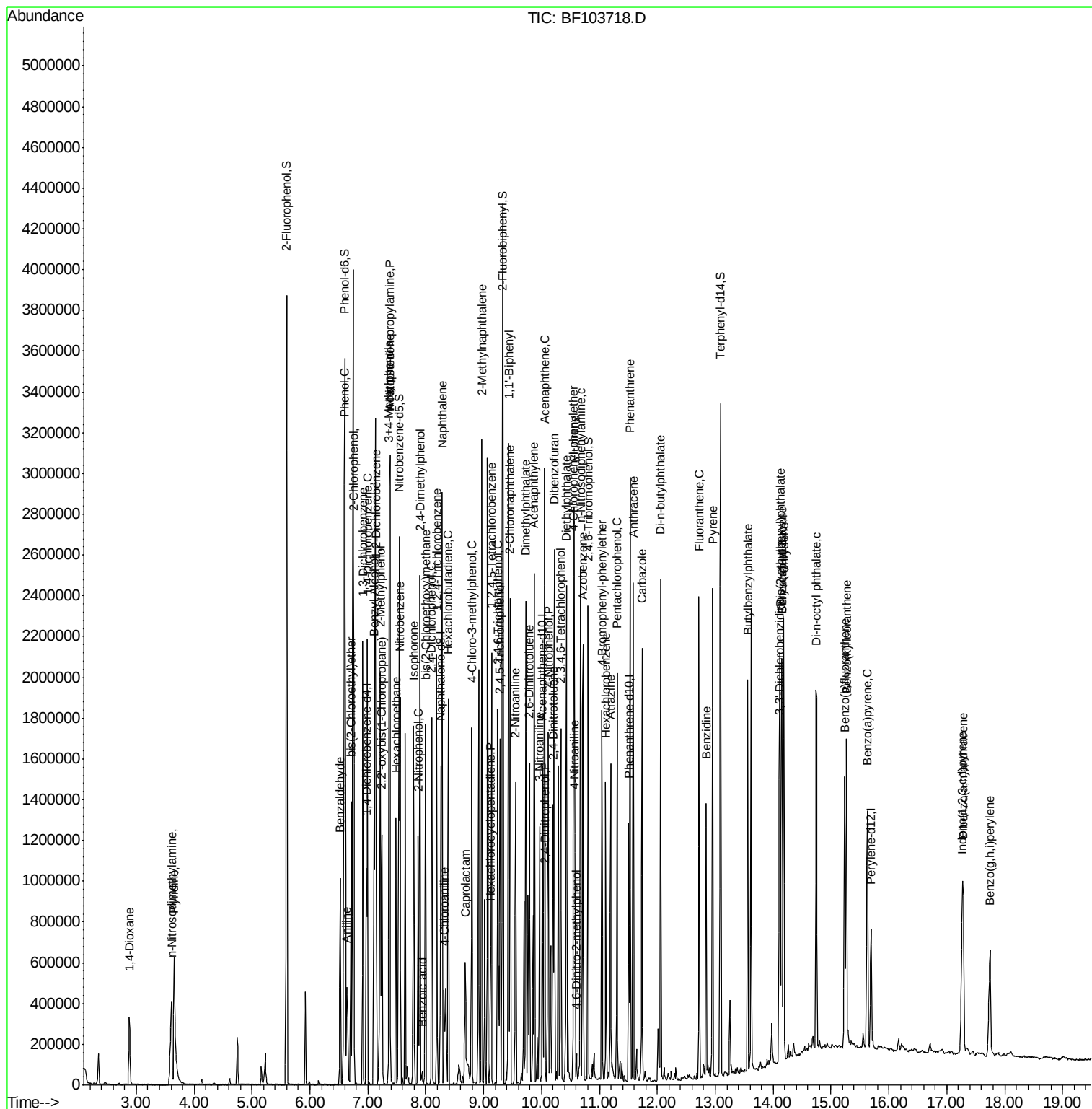
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
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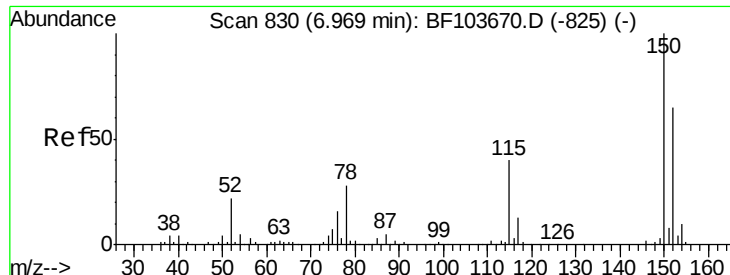
Instrument :
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ClientSampleId :
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#1

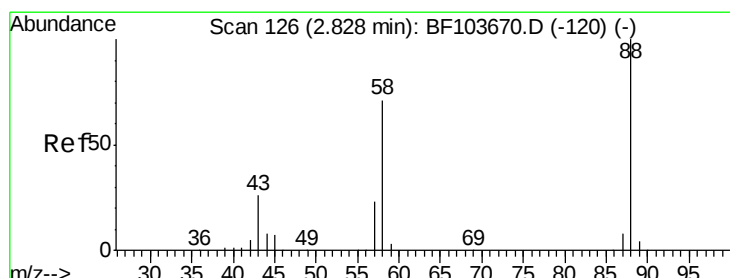
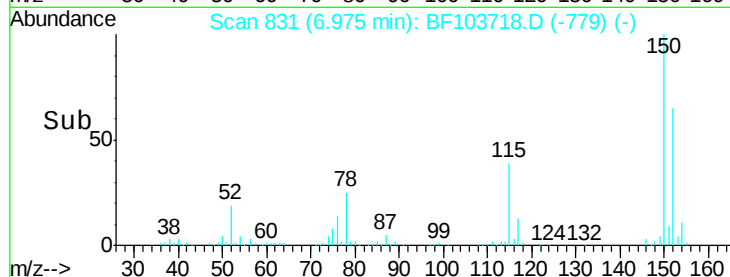
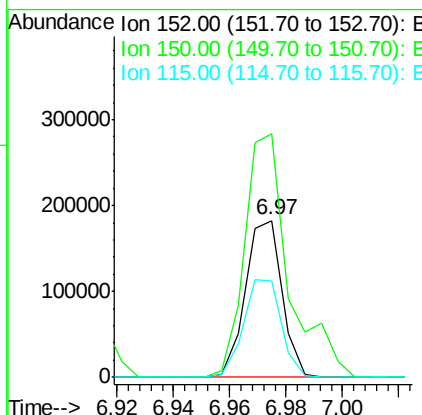
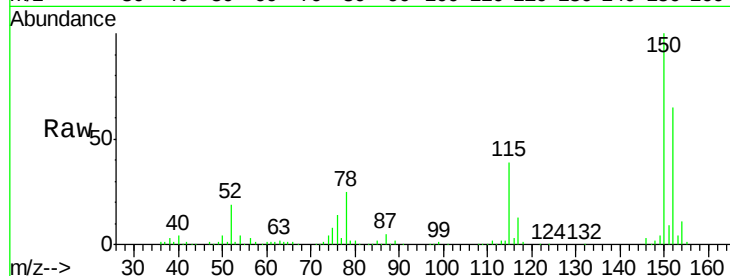
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	61.1	50.1	75.1

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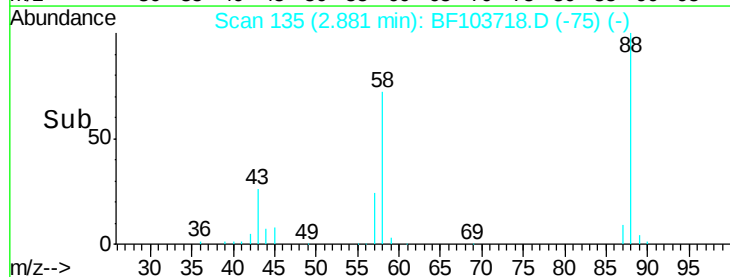
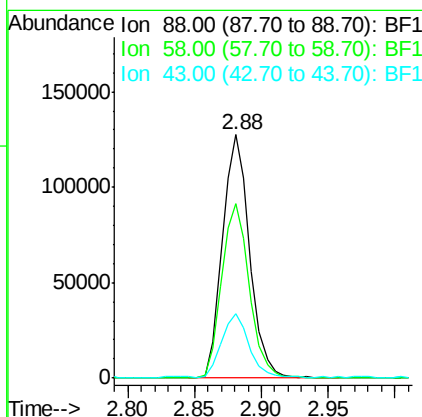
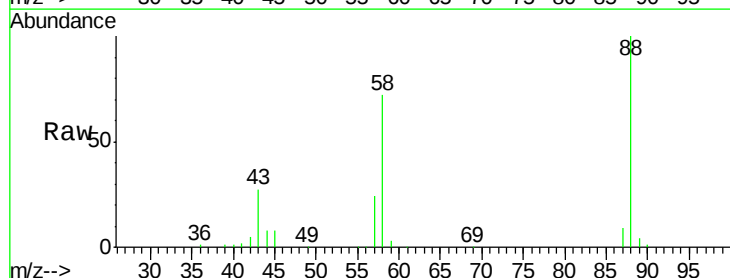
Sohil
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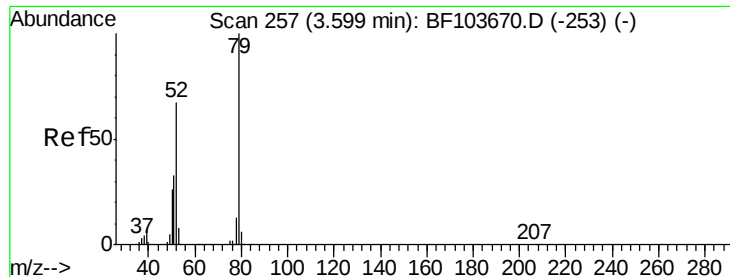


#2

1,4-Dioxane
Concen: 34.361 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.05 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	62.6	93.8
43	26.2	24.6	37.0





#3

Pvridine

Concen: 34.839 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.05 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

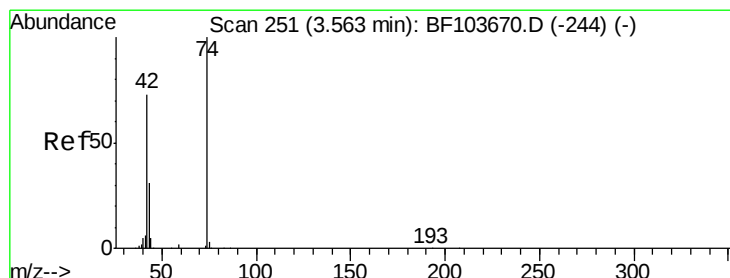
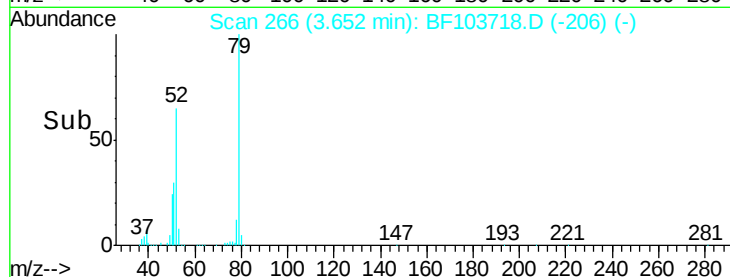
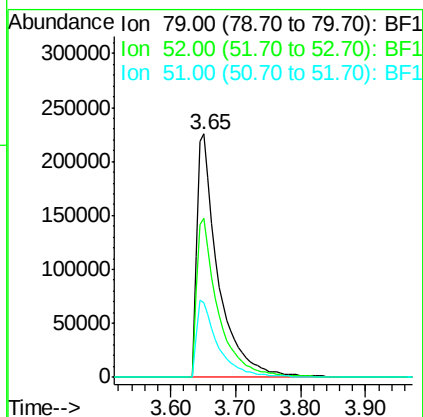
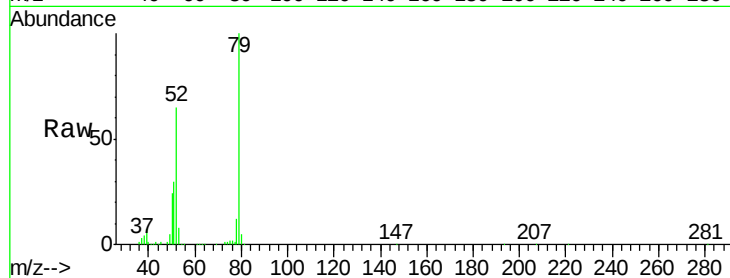
ClientSampleId :

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Tot Ion:	79	Resp:	509704
Ion Ratio	Lower	Upper	
79	100		
52	65.2	59.8	89.6
51	30.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 41.431 ng

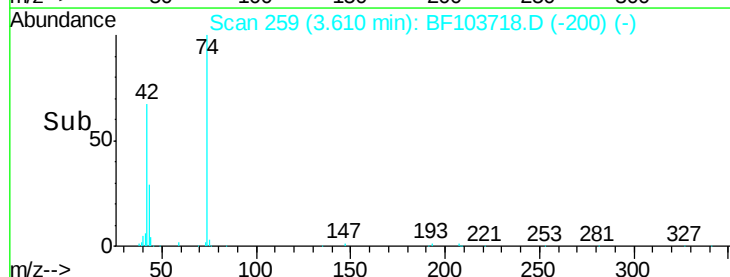
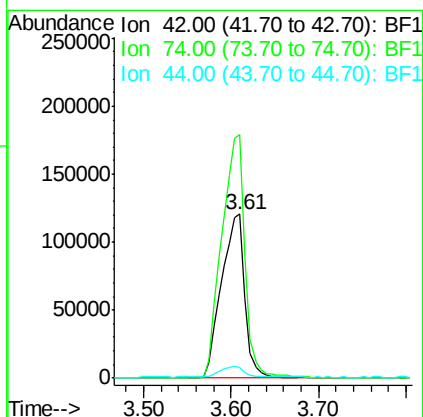
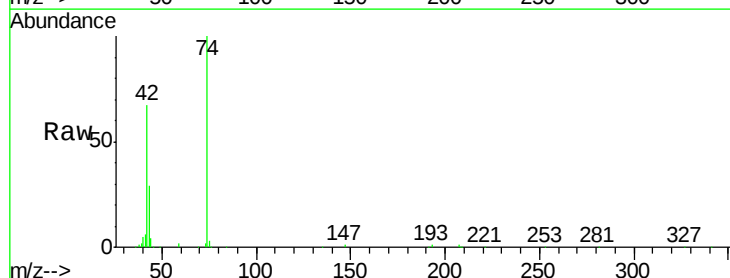
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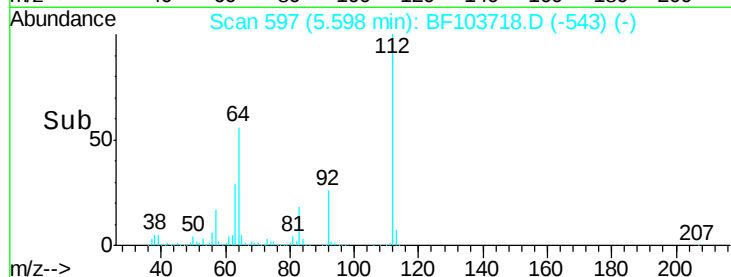
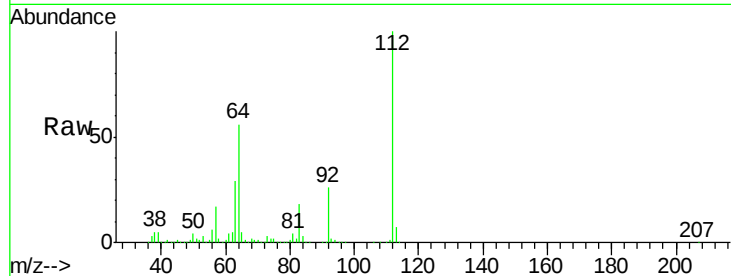
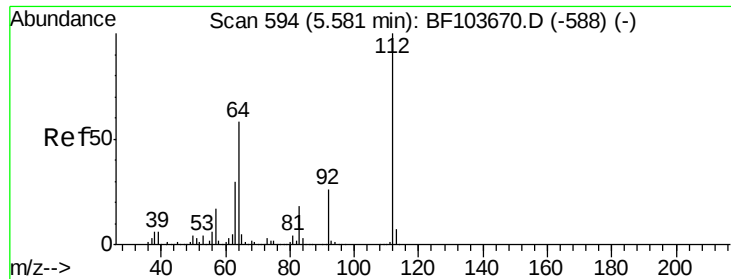
Delta R.T. 0.05 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tgt Ion:	42	Resp:	223498
Ion Ratio	Lower	Upper	
42	100		
74	148.5	104.9	157.3
44	6.6	6.9	10.3#





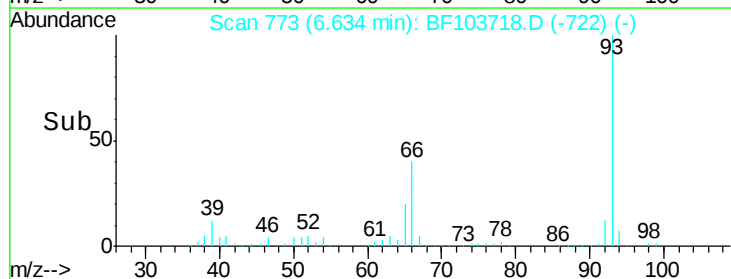
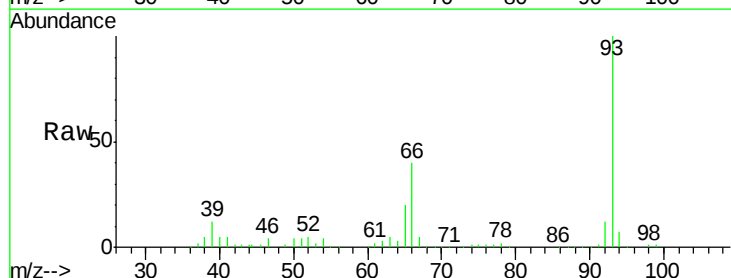
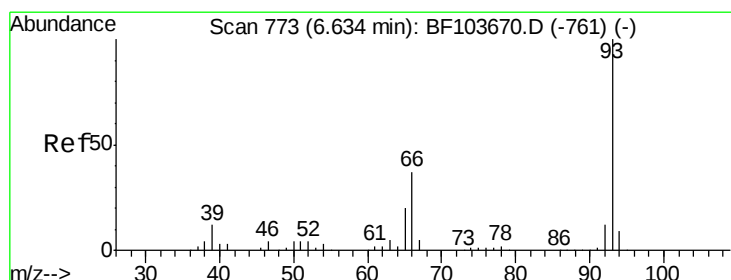
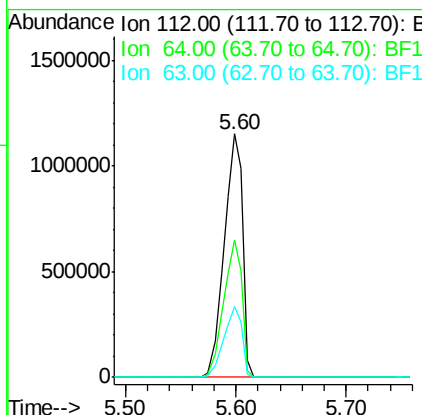
#5
2-Fluorophenol
Concen: 123.662 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tot Ion: 112 Resp: 1335850
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.9 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
SP-AMS

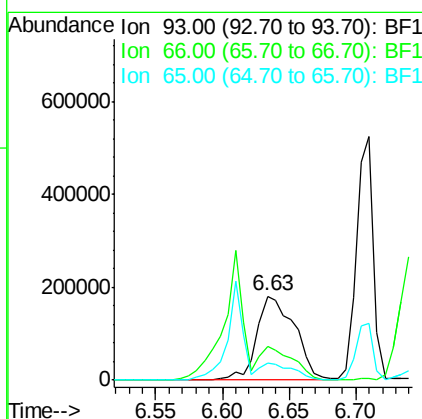
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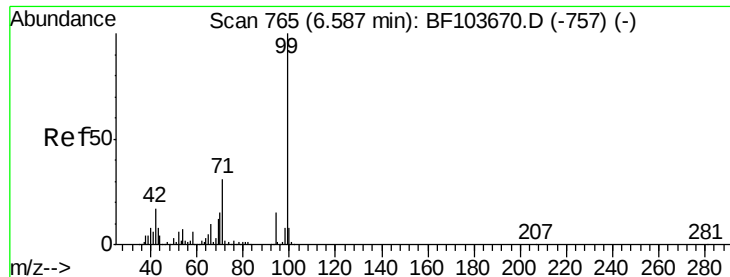
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#6
Aniline
Concen: 18.930 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion: 93 Resp: 357234
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.2
65 19.8 16.4 24.6





#7

Phenol-d6

Concen: 125.901 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampled :

SP-AMS

Tot Ion: 99 Resp: 1663902

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

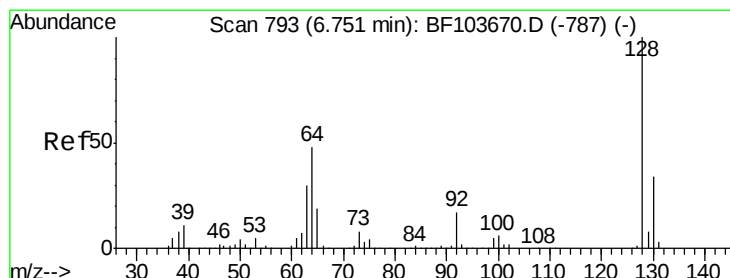
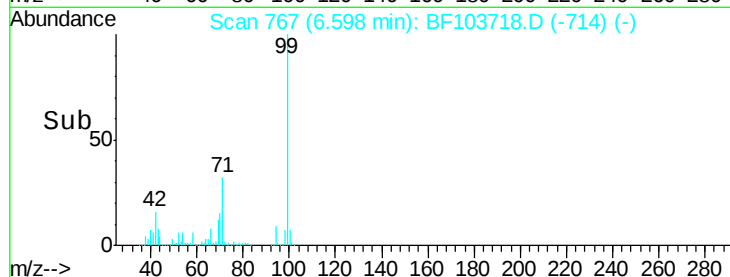
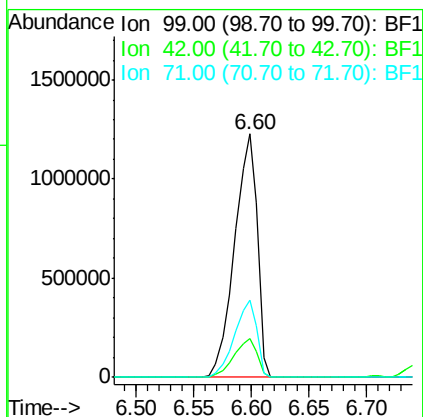
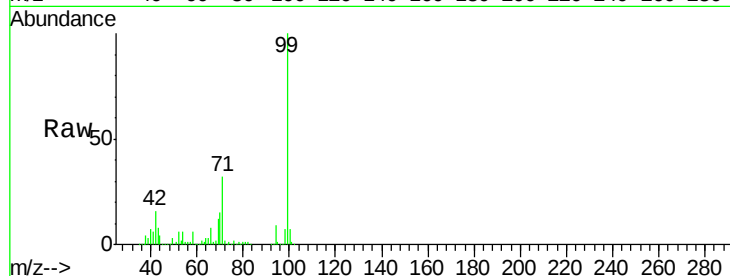
71 31.9 25.4 38.0

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#8

2-Chlorophenol

Concen: 40.521 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

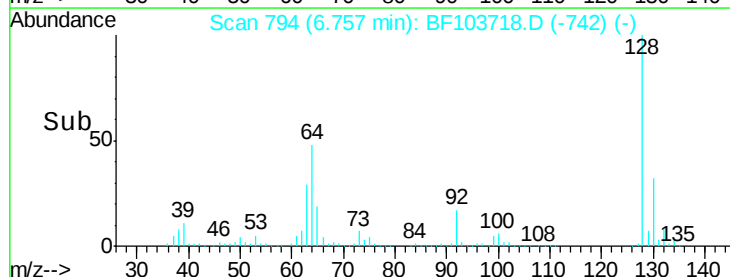
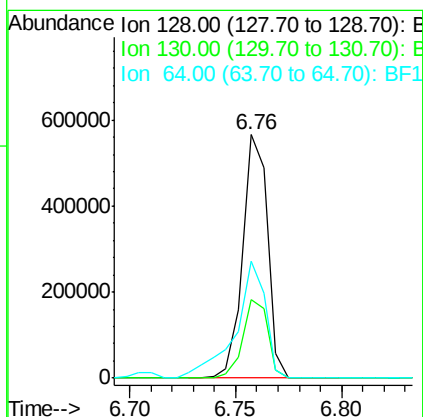
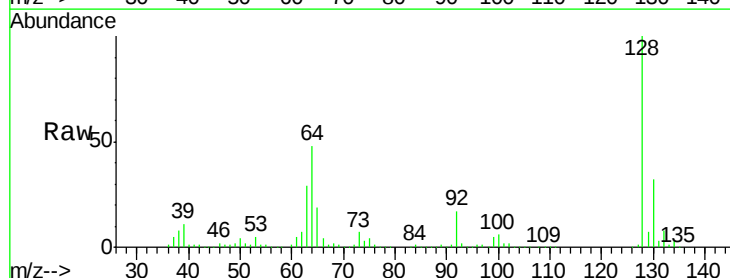
Tgt Ion: 128 Resp: 458540

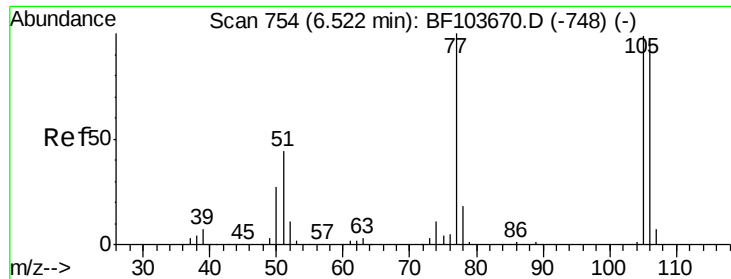
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 48.0 29.4 69.4





#9

Benzaldehyde

Concen: 21.277 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103718.D

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Instrument :

BNA_F

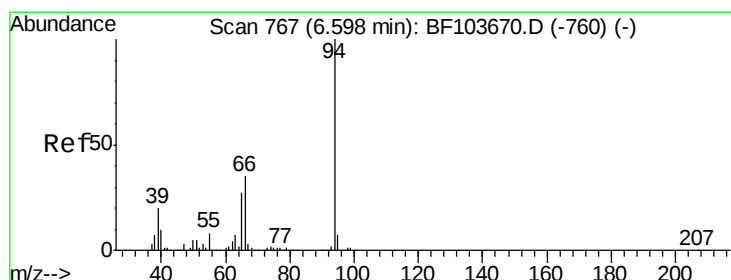
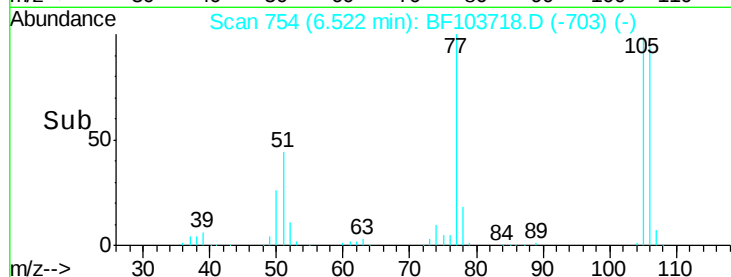
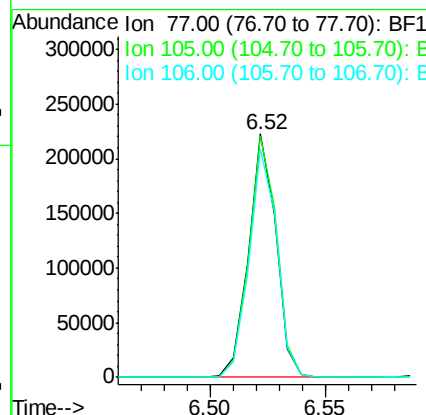
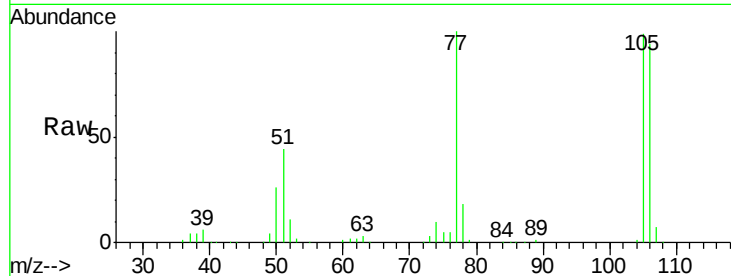
ClientSampleId :

SP-AMS

Tot Ion:	77	Resp:	184740
Ion Ratio	Lower	Upper	
77	100		
105	99.2	81.1	121.1
106	93.6	74.5	114.5

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#10

Phenol

Concen: 42.413 ng

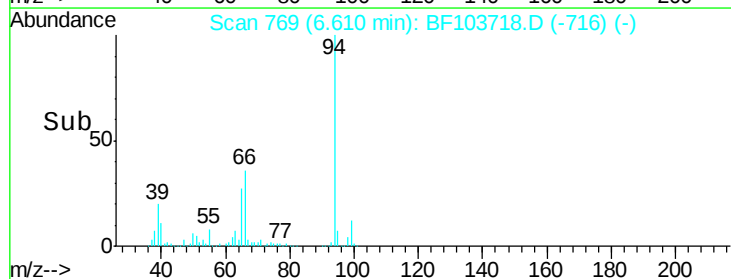
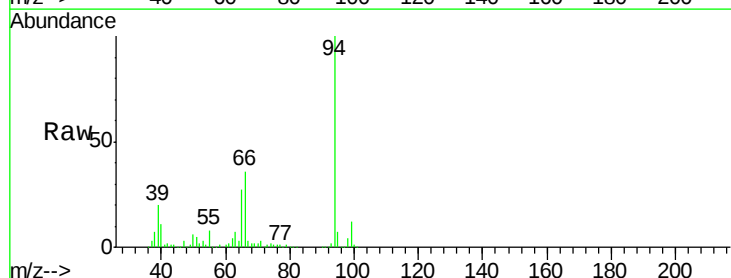
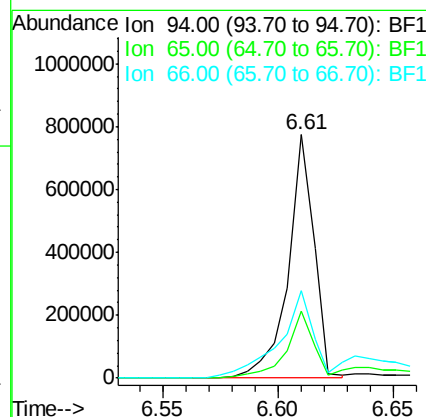
RT: 6.61 min Scan# 769

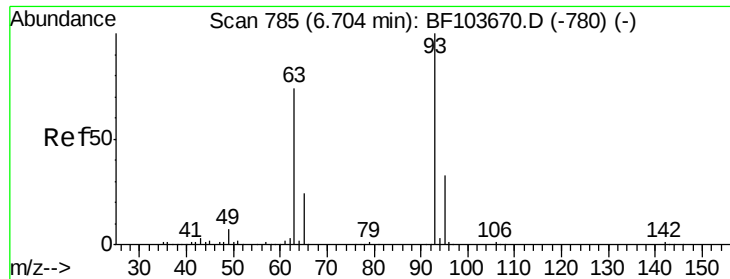
Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tgt Ion:	94	Resp:	595623
Ion Ratio	Lower	Upper	
94	100		
65	27.5	7.9	47.9
66	36.2	16.2	56.2





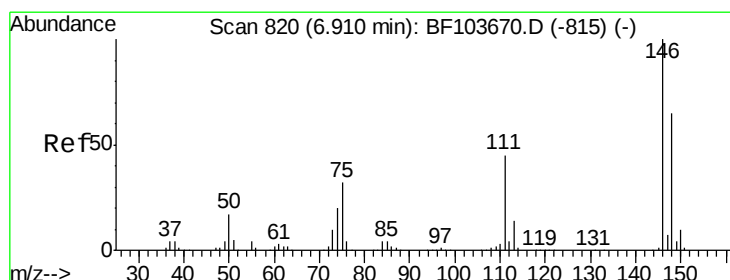
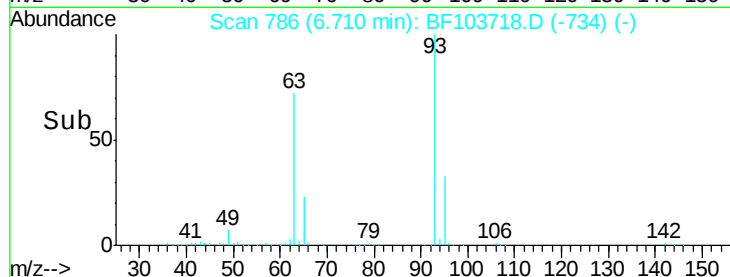
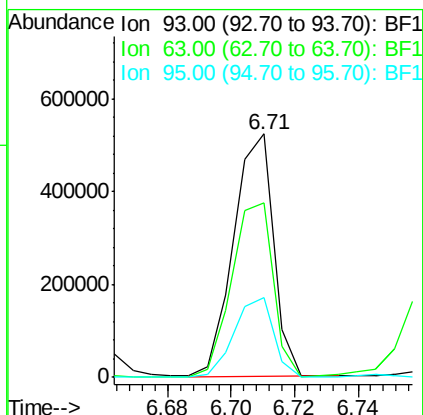
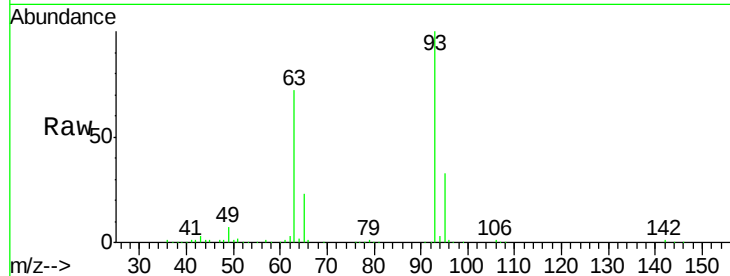
#11
bis(2-Chloroethyl)ether
Concen: 39.229 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.6	58.6	98.6
95	32.6	11.8	51.8

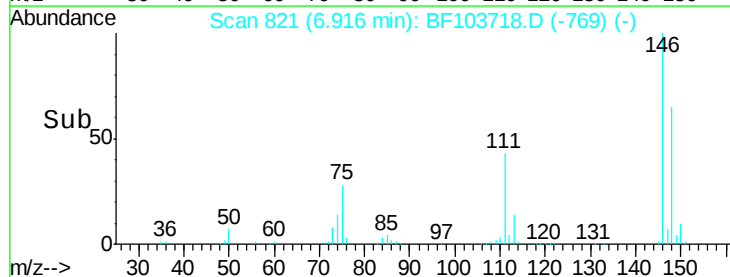
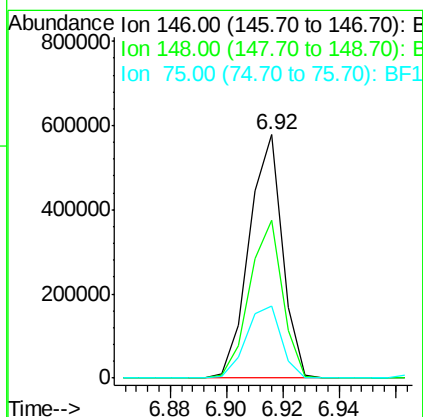
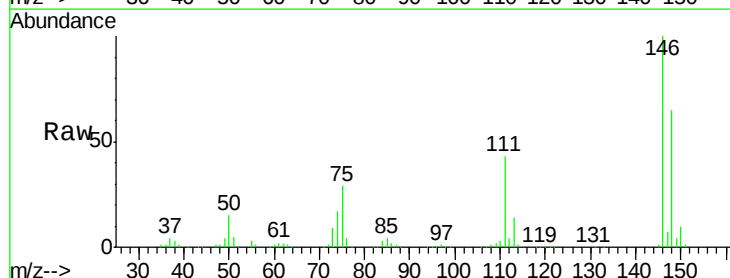
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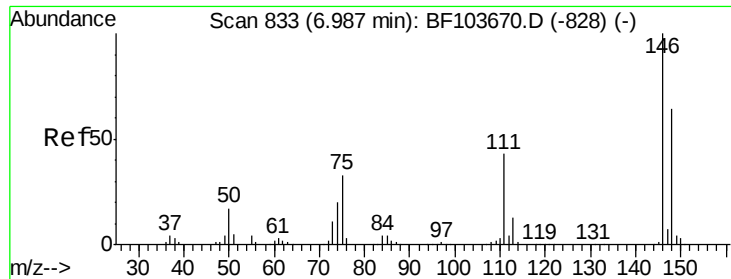
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.469 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	29.4	24.2	36.4





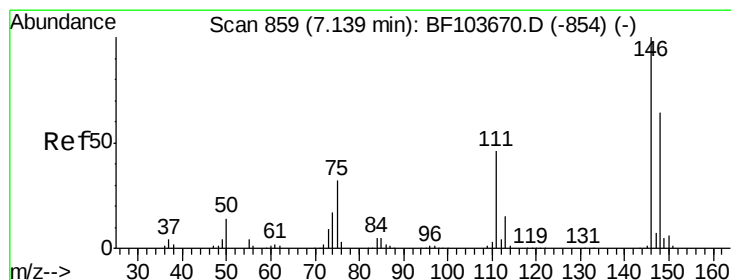
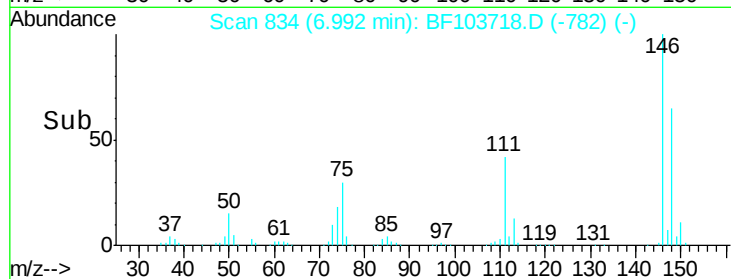
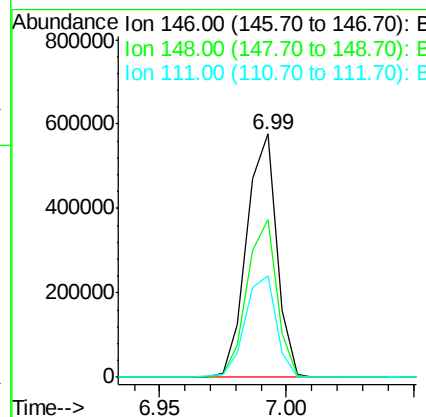
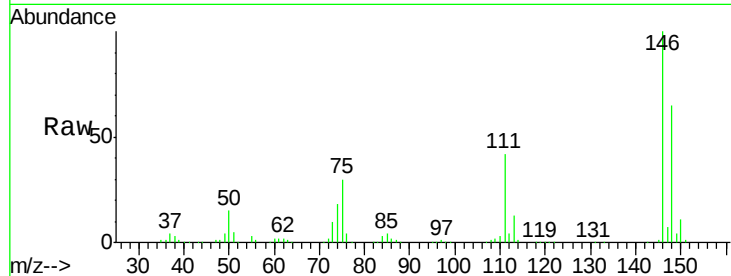
#13
 1,4-Dichlorobenzene
 Concen: 36.768 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	476194		
148	65.0	50.8	76.2	
111	42.0	34.2	51.2	

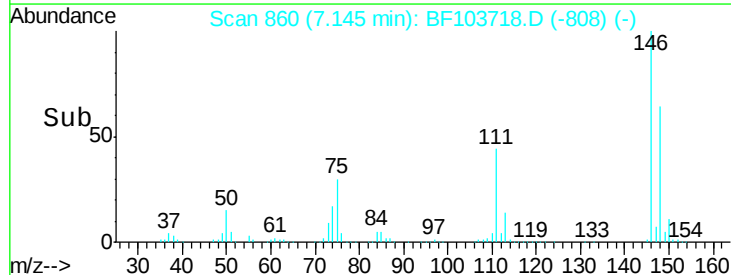
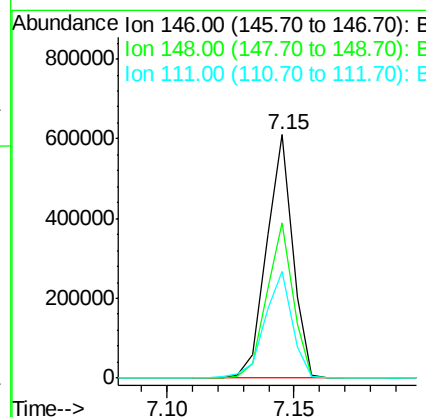
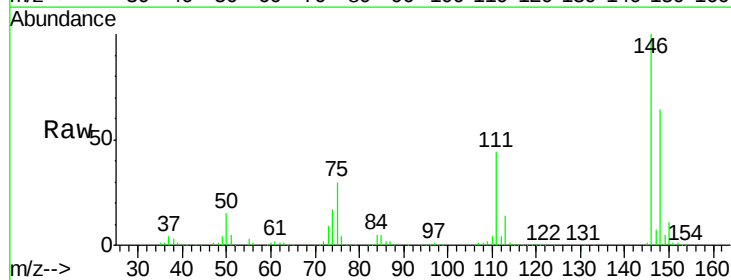
Manual Integrations
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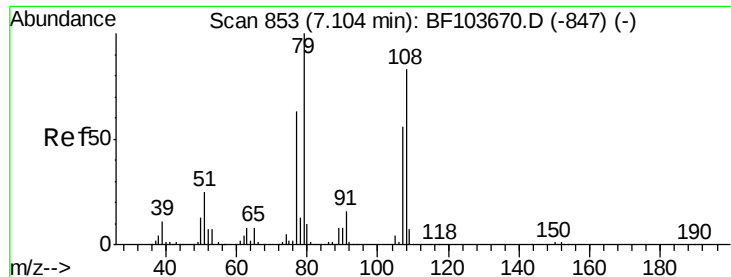
Sohil
 3/19/2018 2:02:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.570 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	439496		
148	63.7	50.6	75.8	
111	43.9	36.0	54.0	





#15

Benzyl Alcohol

Concen: 38.981 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

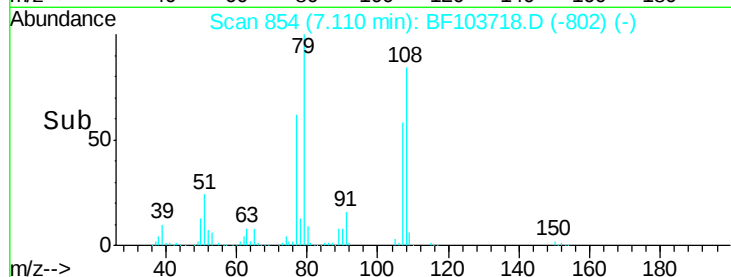
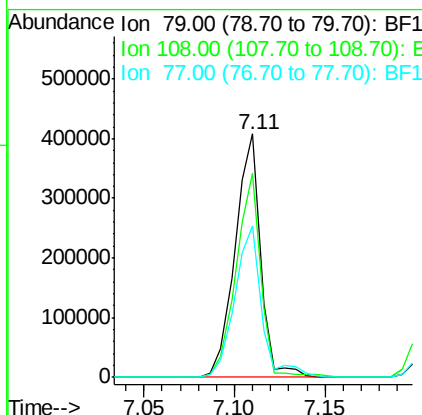
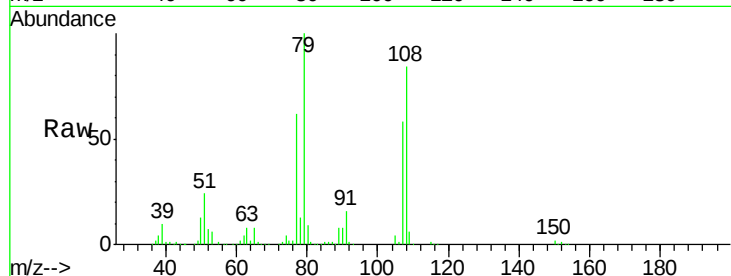
ClientSampled :

SP-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.5	65.1	97.7
77	62.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.557 ng

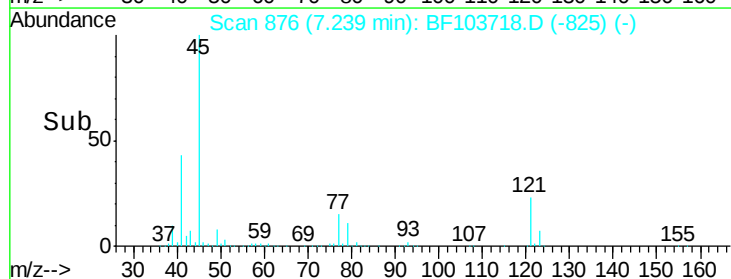
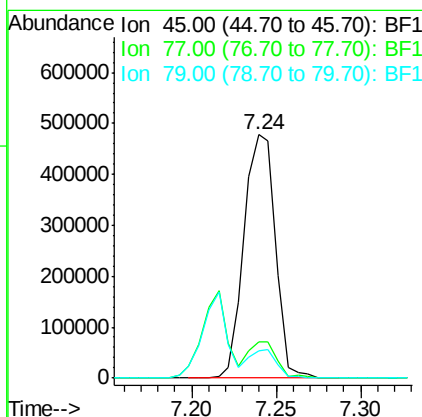
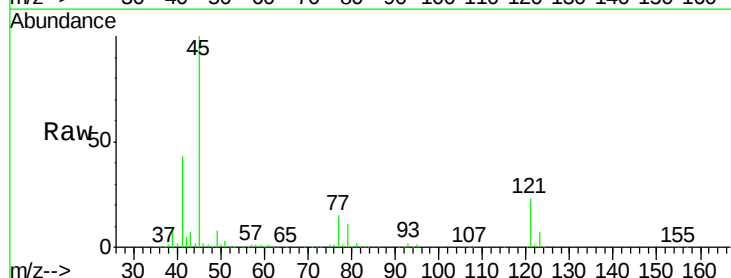
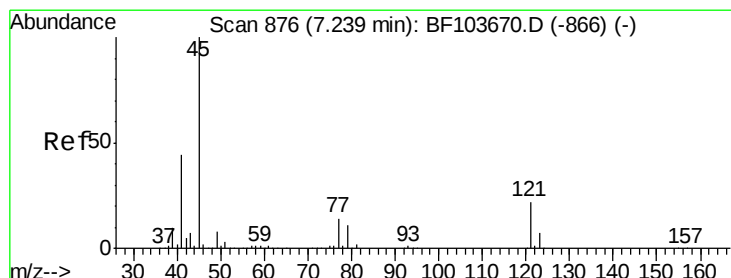
RT: 7.24 min Scan# 876

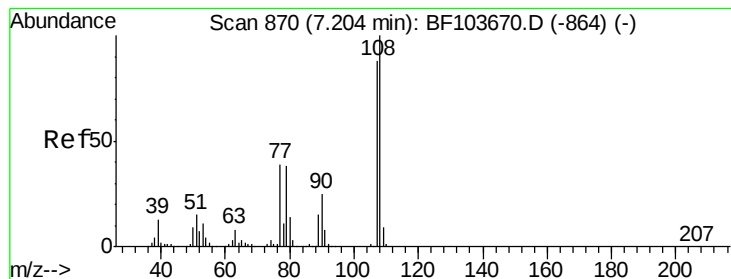
Delta R.T. 0.00 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	32.9
79	11.1	0.0	29.6





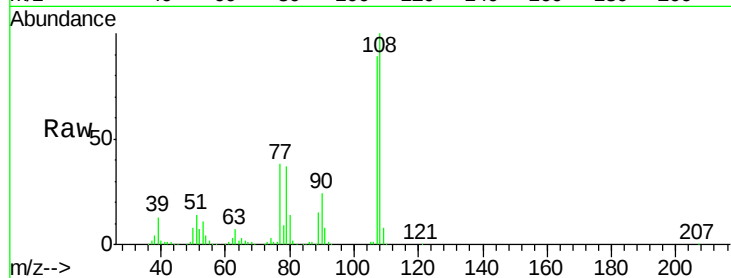
#17
2-Methylphenol
Concen: 38.524 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampled :
SP-AMS

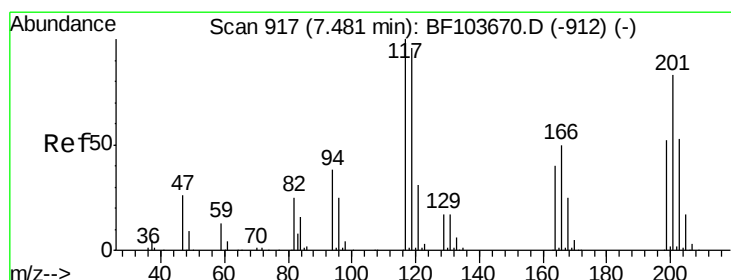
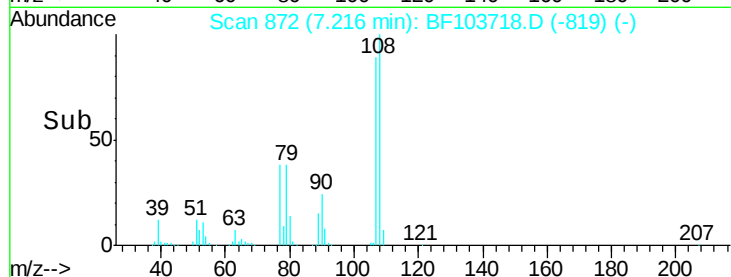
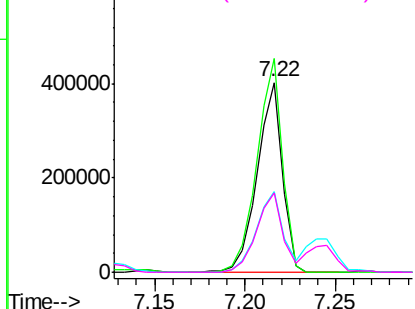
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	42.8	33.8	50.8	
79	42.1	33.8	50.8	

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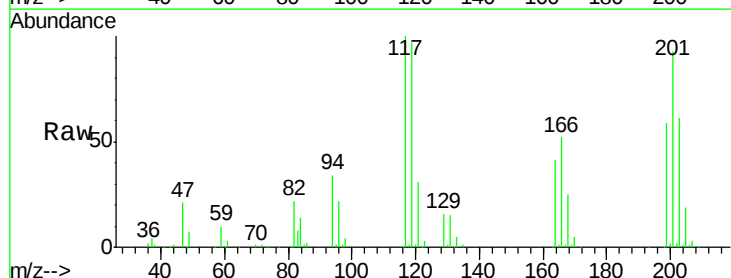


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

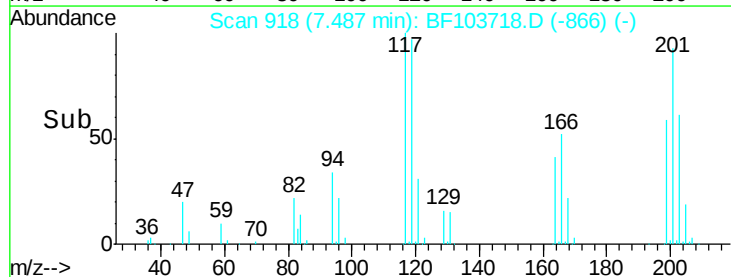
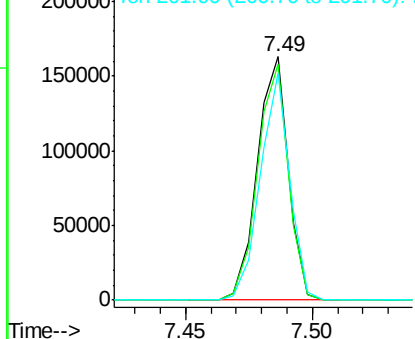


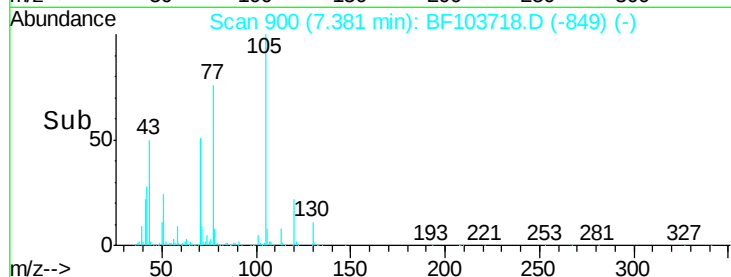
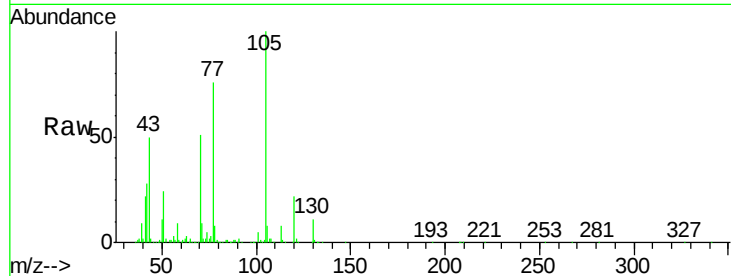
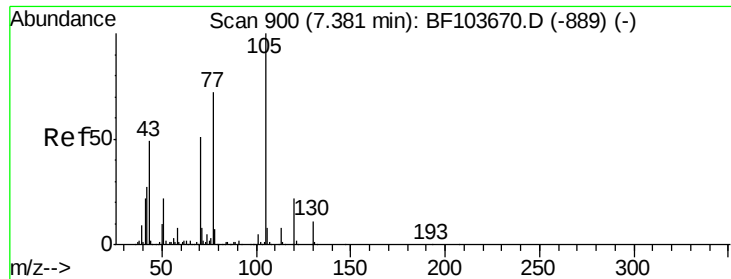
#18
Hexachloroethane
Concen: 30.598 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	75.8	113.8	
201	93.3	75.7	113.5	



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





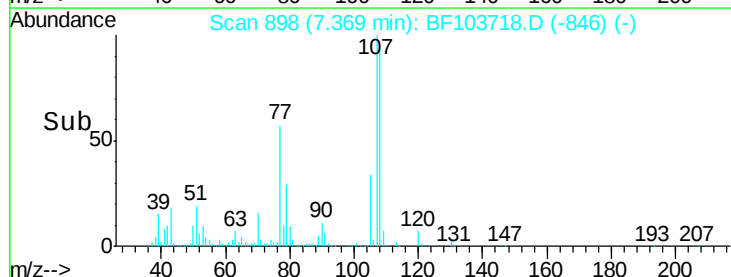
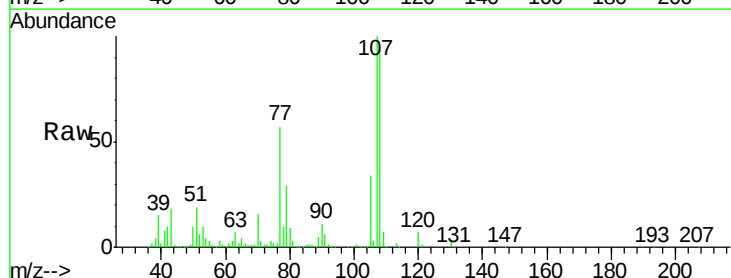
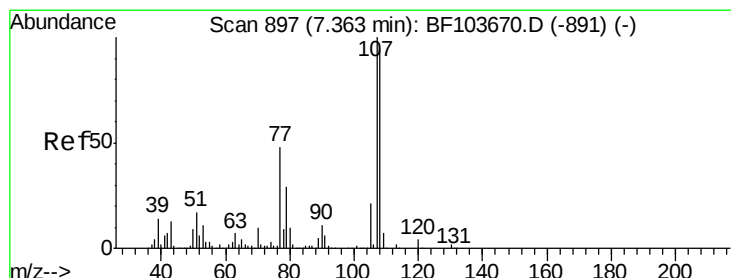
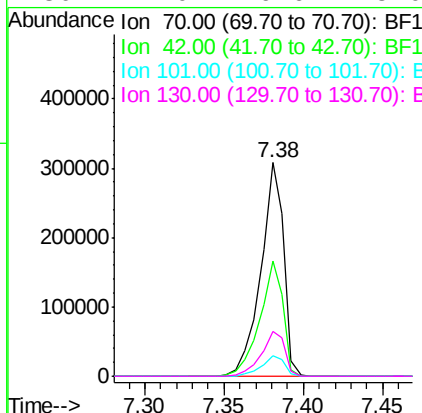
#19
n-Nitroso-di-n-propylamine
Concen: 36.816 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	70	Resp	311817
Ion Ratio	Lower	Upper	
70	100		
42	54.2	47.5	71.3
101	9.5	7.4	11.2
130	21.0	16.6	25.0

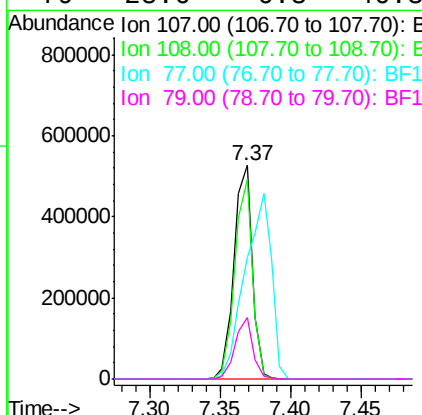
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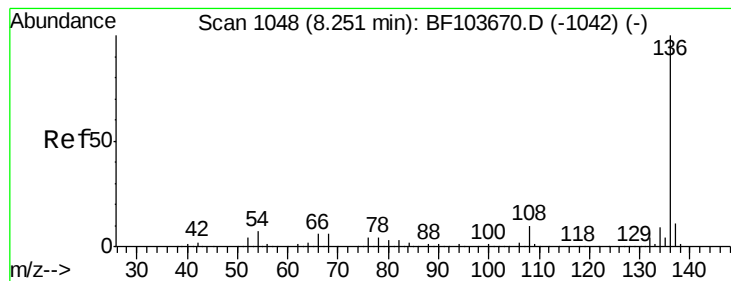
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#20
3+4-Methylphenols
Concen: 37.439 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	107	Resp	478806
Ion Ratio	Lower	Upper	
107	100		
108	93.7	68.2	108.2
77	56.9	26.7	66.7
79	28.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

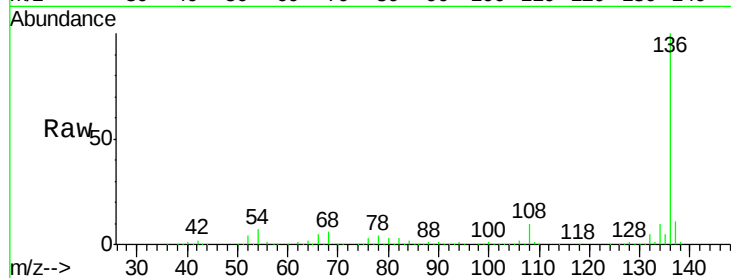
ClientSampleId :

SP-AMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	6.1	5.0	7.4

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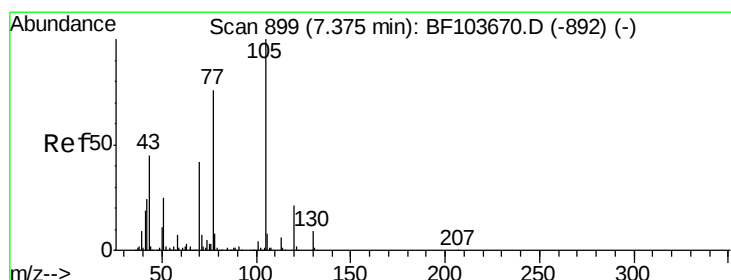
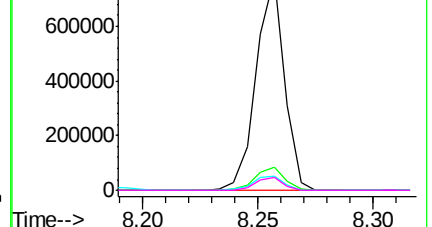
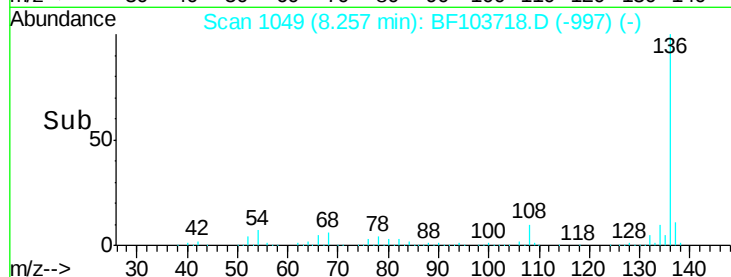


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.899 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

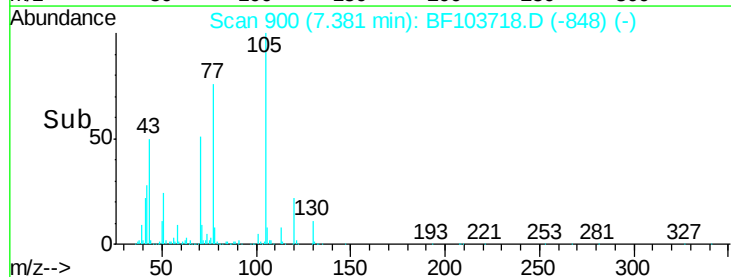
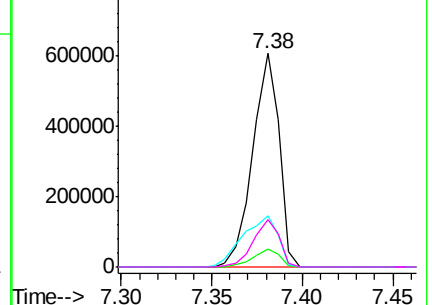
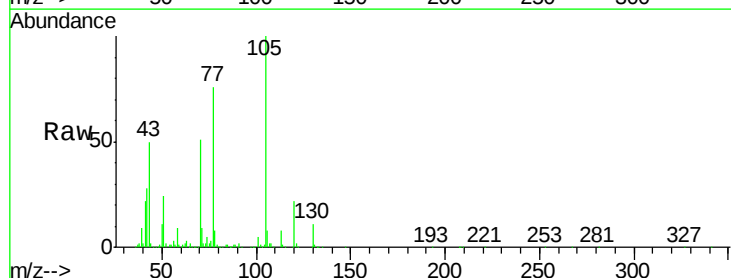
Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.4	6.6#
51	24.0	22.3	33.5
120	22.0	16.9	25.3

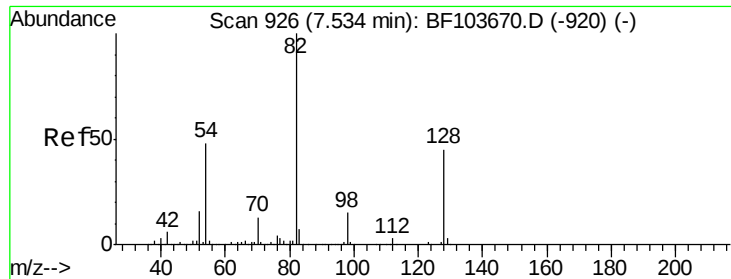
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





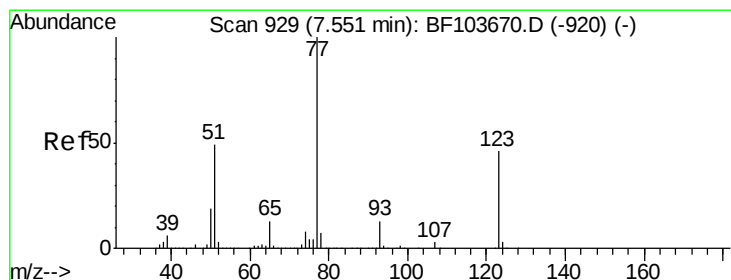
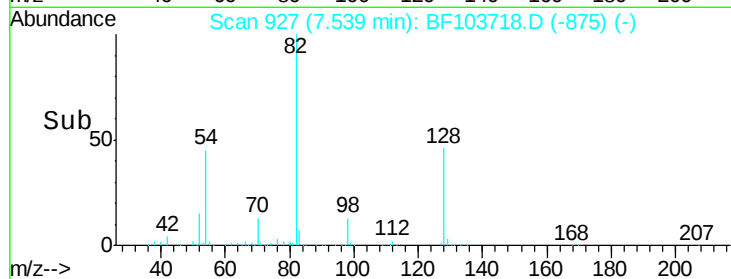
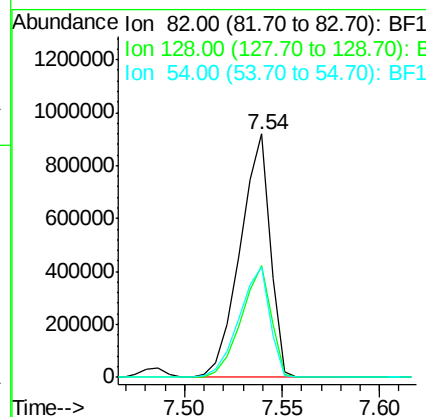
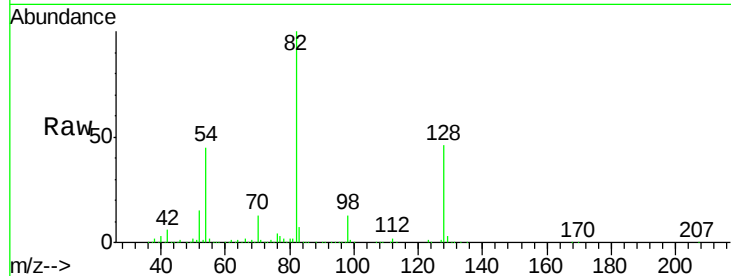
#23
 Nitrobenzene-d5
 Concen: 102.924 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

Tot Ion	82	Resp	981300
Ion Ratio	100	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	45.4	41.4	62.2

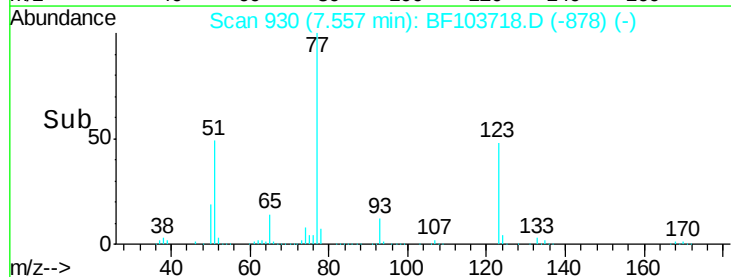
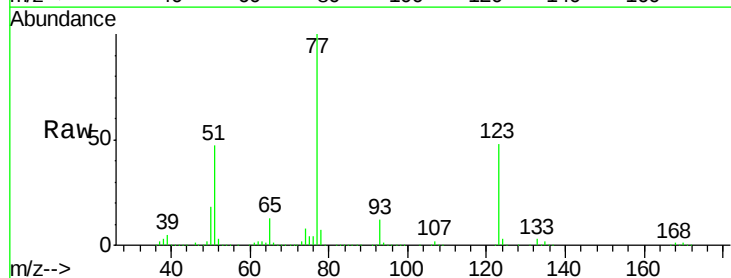
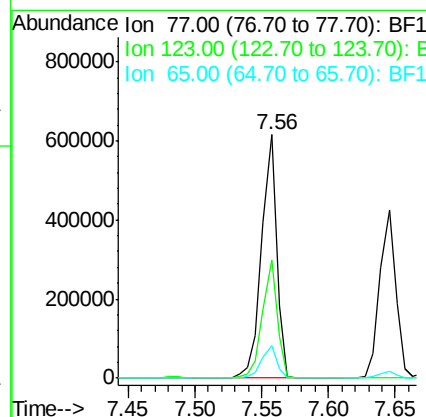
Manual Integrations
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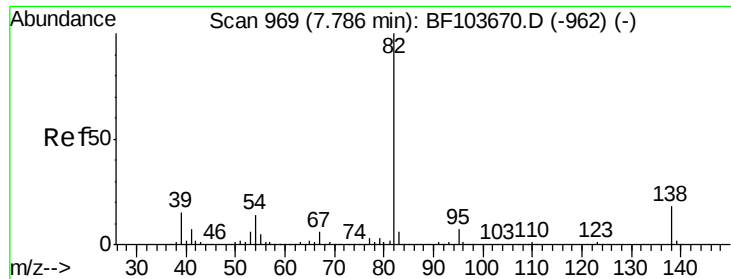
Sohil
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#24
 Nitrobenzene
 Concen: 42.450 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	77	Resp	475150
Ion Ratio	100	Lower	Upper
77	100		
123	48.3	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 40.330 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

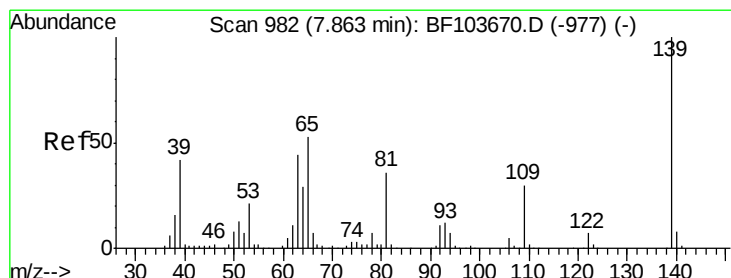
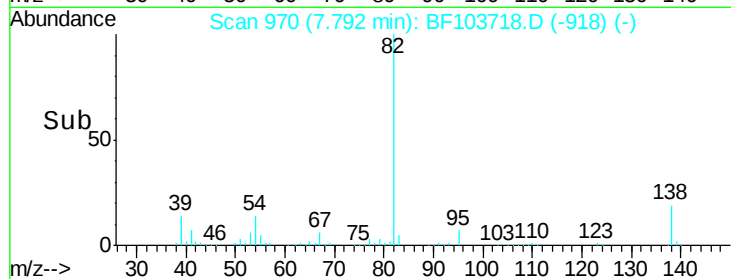
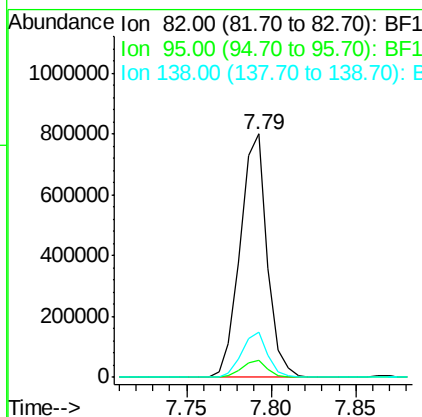
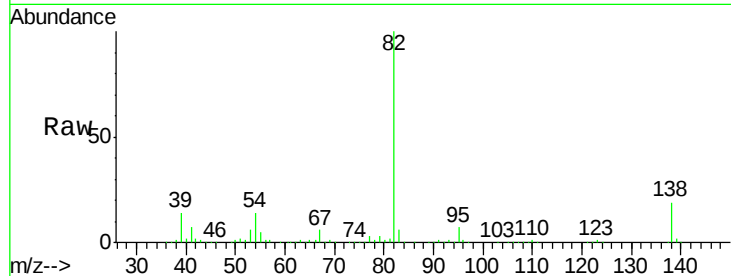
ClientSampleId :

SP-AMS

Tot Ion:	82	Resp:	890131
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.549 ng

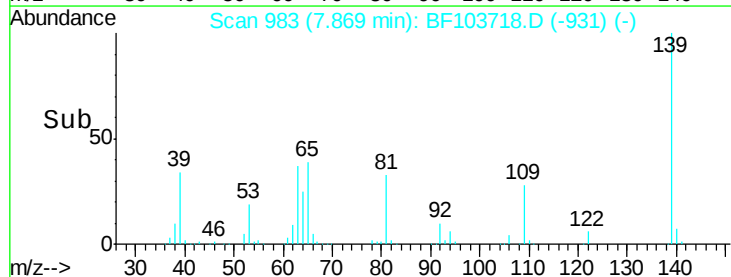
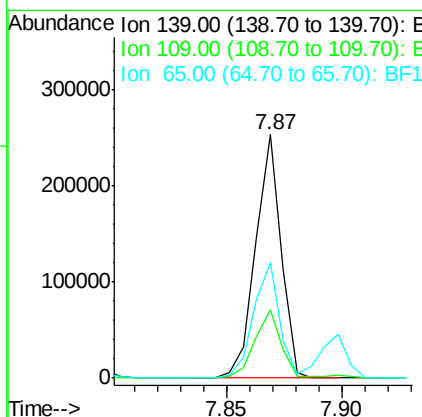
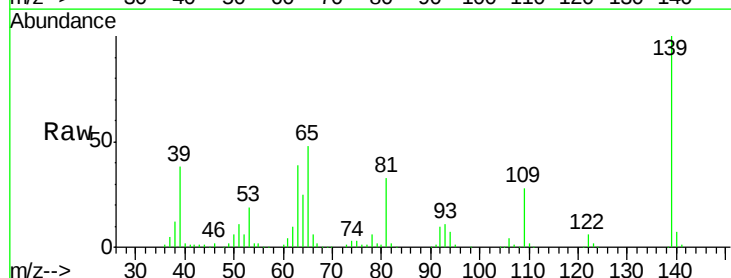
RT: 7.87 min Scan# 983

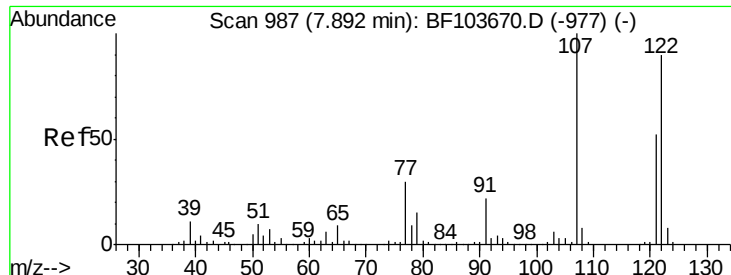
Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tgt Ion:	139	Resp:	196719
Ion Ratio		Lower	Upper
139	100		
109	28.2	22.7	34.1
65	47.7	40.5	60.7





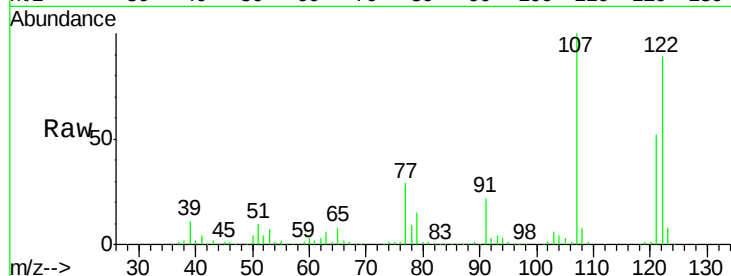
#27
2,4-Dimethylphenol
Concen: 44.024 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

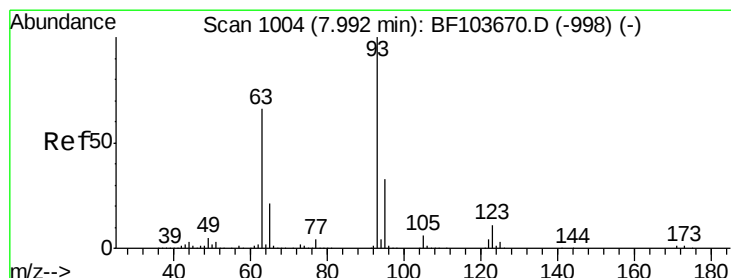
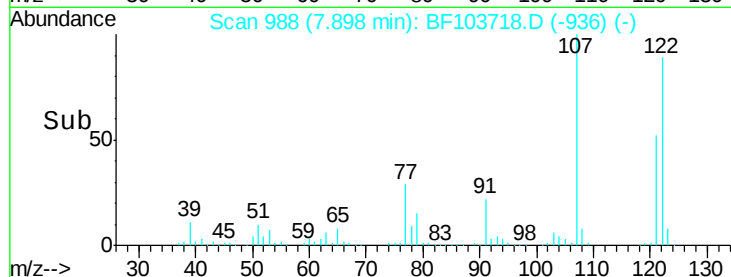
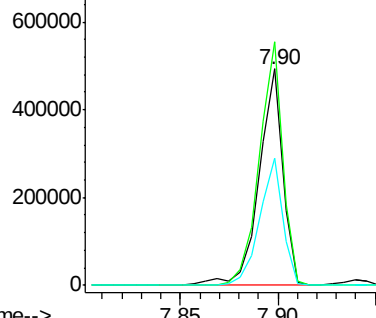
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	58.8	47.2	70.8

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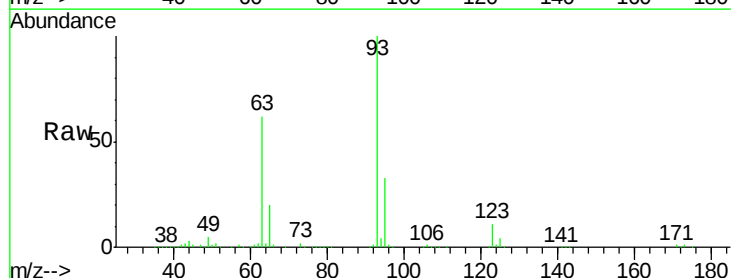


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

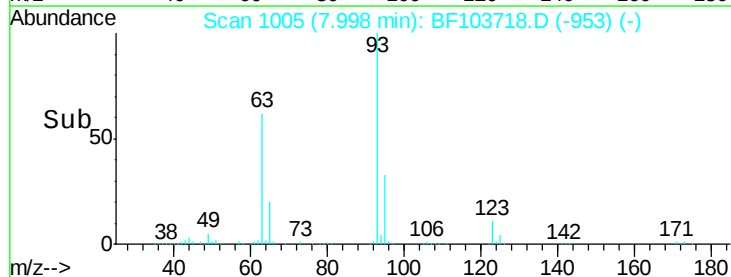
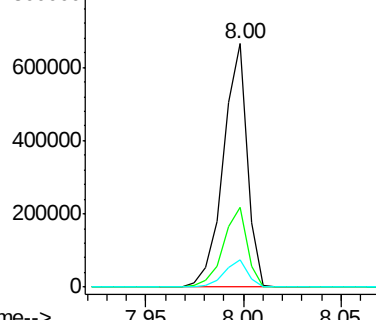


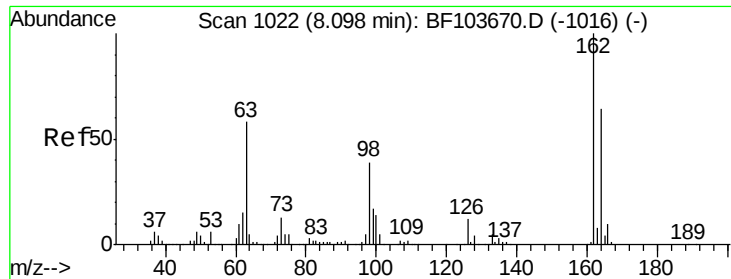
#28
bis(2-Chloroethoxy)methane
Concen: 42.163 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.5	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





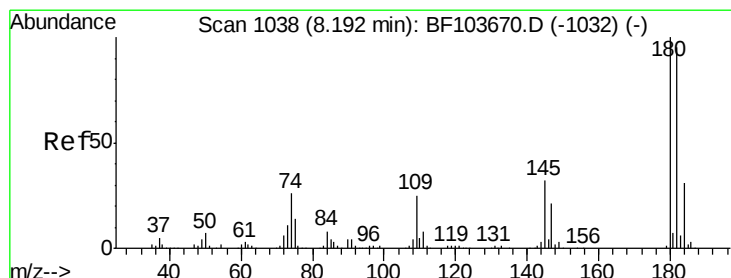
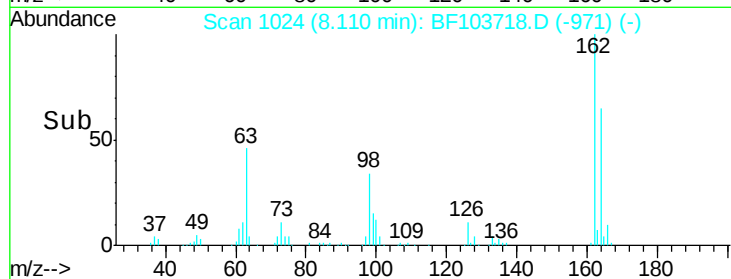
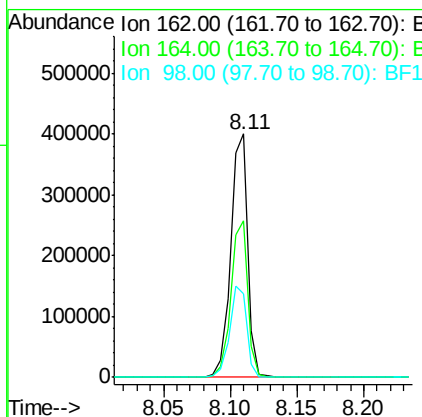
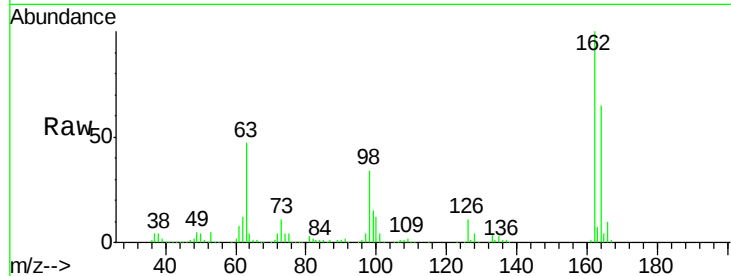
#29
2,4-Dichlorophenol
Concen: 41.894 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	42.7	82.7
98	34.4	18.1	58.1

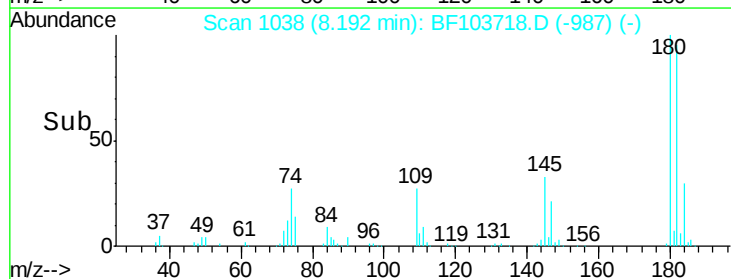
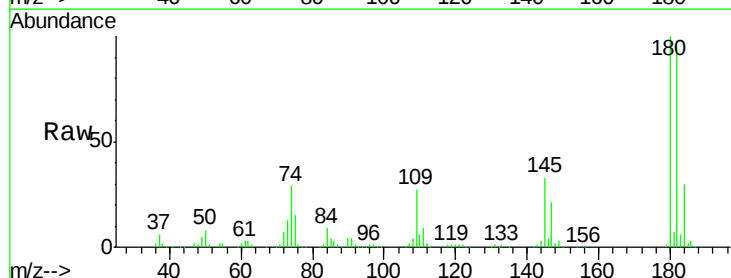
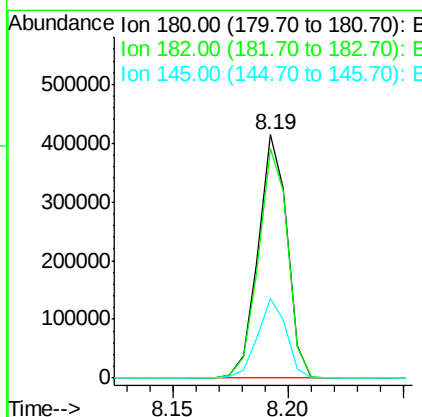
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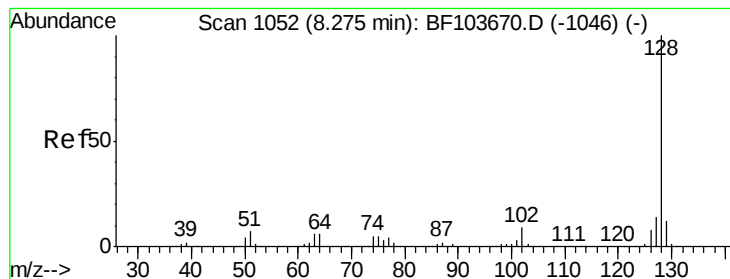
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 36.504 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.8	115.2
145	33.0	26.5	39.7





#31

Naphthalene

Concen: 37.602 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SP-AMS

Tot Ion:128 Resp: 1262899

Ion Ratio Lower Upper

128 100

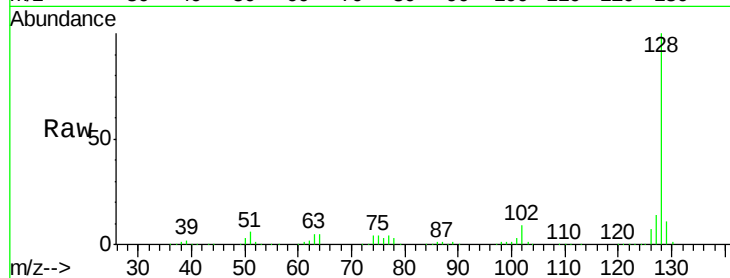
129 11.0 8.8 13.2

127 13.5 10.9 16.3

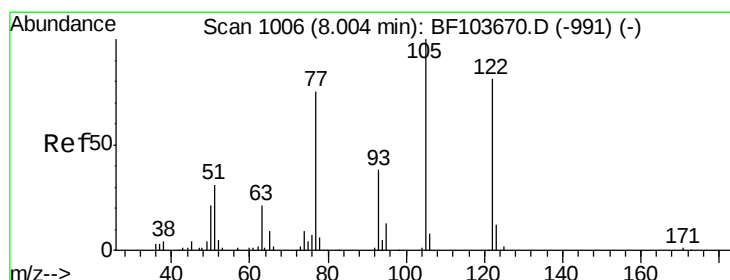
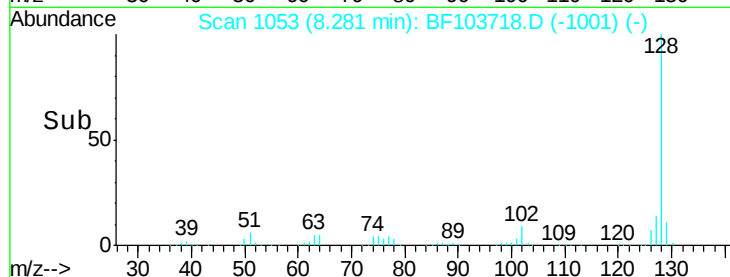
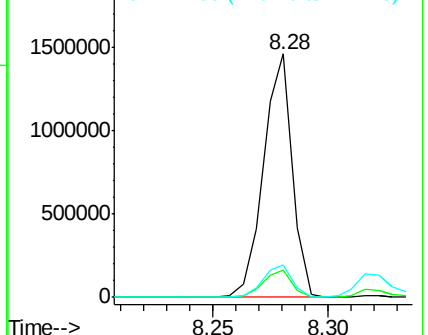
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.404 ng m

RT: 7.94 min Scan# 995

Delta R.T. -0.06 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

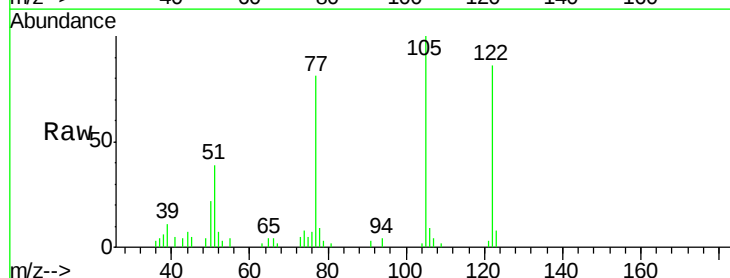
Tgt Ion:122 Resp: 12601

Ion Ratio Lower Upper

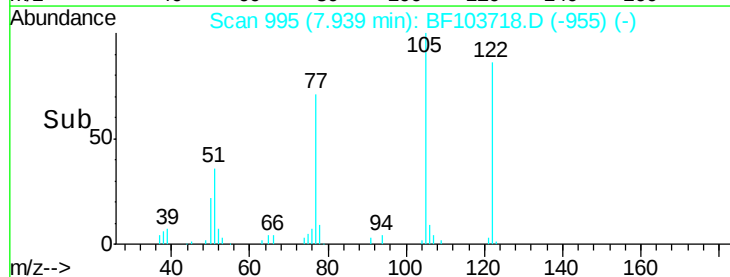
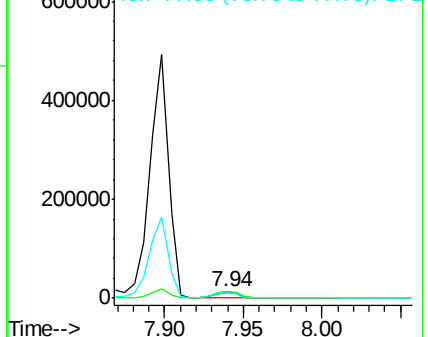
122 100

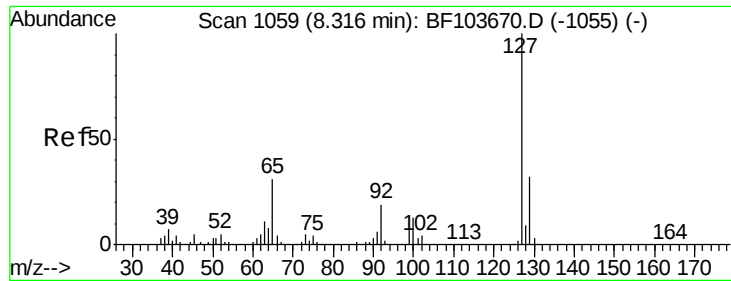
105 116.9 101.1 141.1

77 94.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





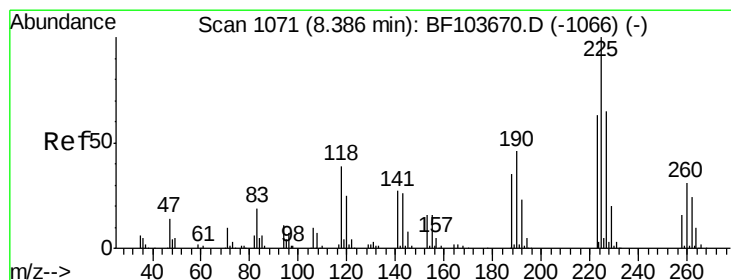
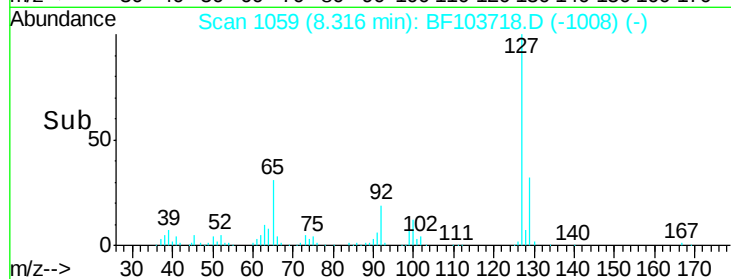
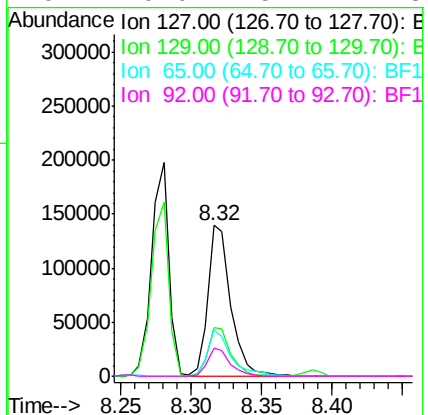
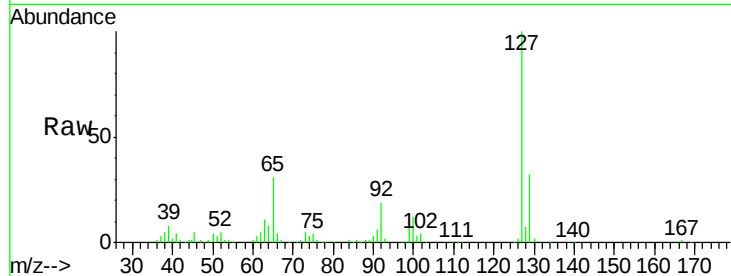
#33
4-Chloroaniline
Concen: 11.213 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.9	38.9		
65	30.6	25.0	37.4		
92	19.0	15.2	22.8		

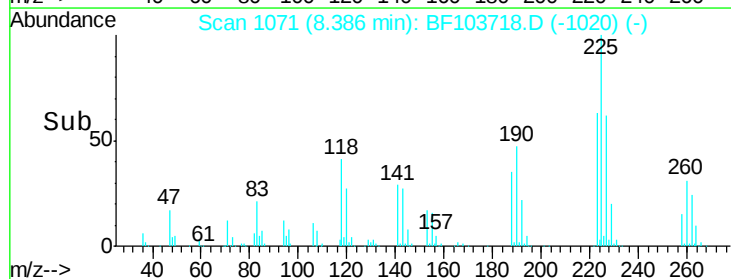
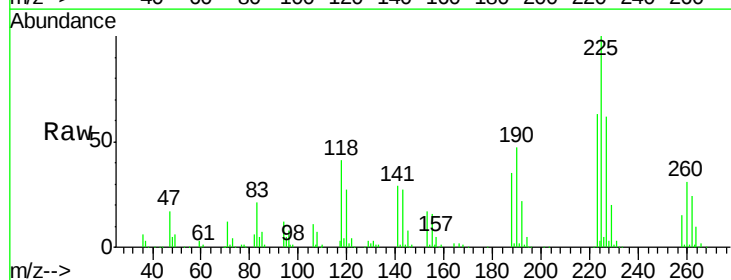
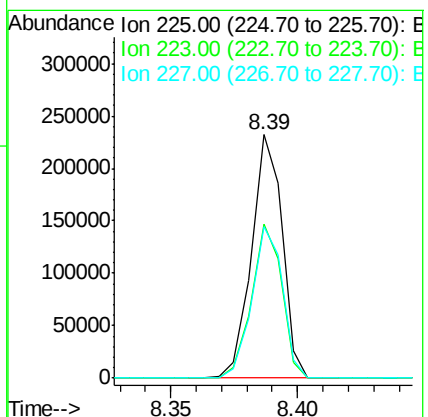
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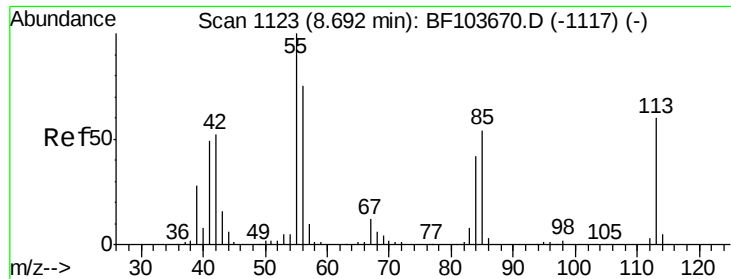
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#34
Hexachlorobutadiene
Concen: 35.790 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.6	76.0		
227	62.1	51.9	77.9		





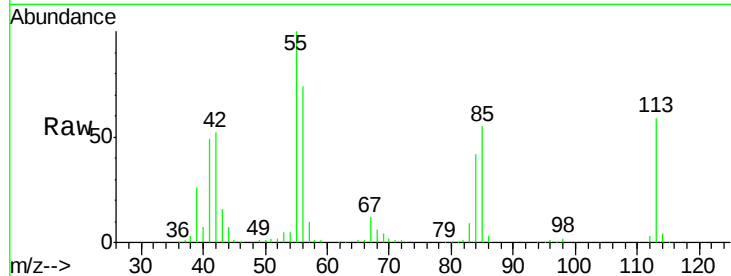
#35
Caprolactam
Concen: 38.249 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

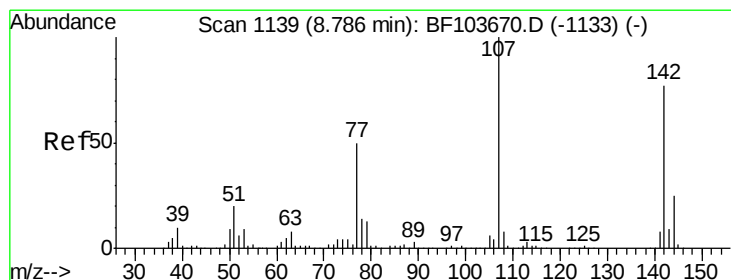
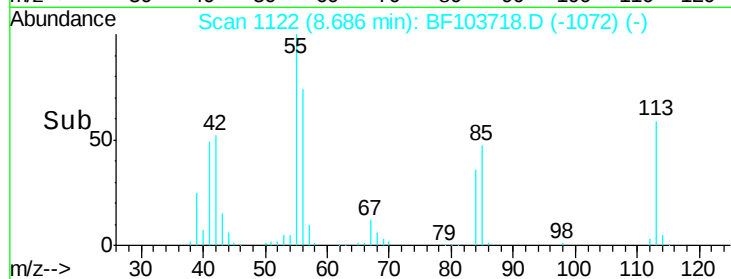
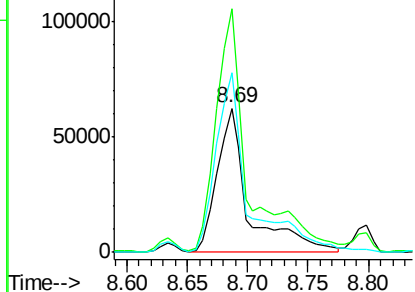
Tot Ion	Ratio	Lower	Upper
113	100		
55	169.0	163.3	203.3
56	124.5	115.7	155.7

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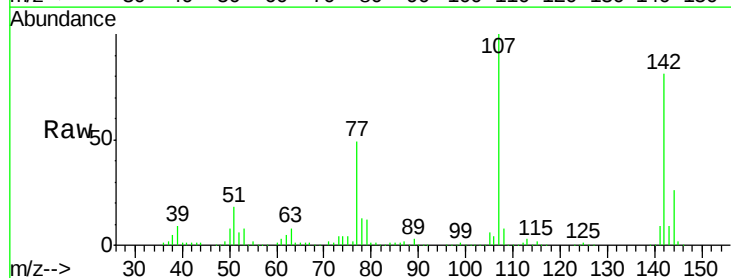


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

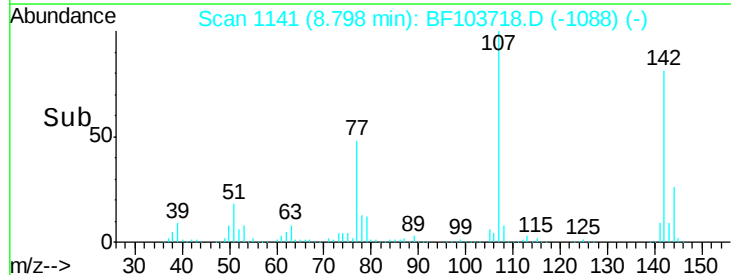
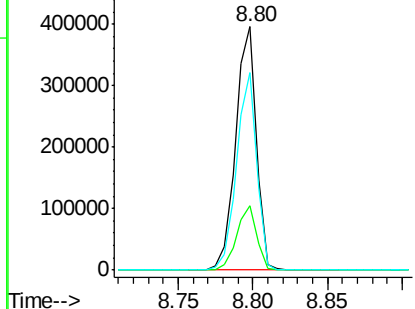


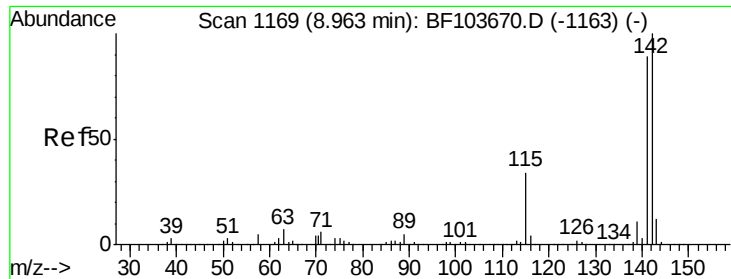
#36
4-Chloro-3-methylphenol
Concen: 40.714 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	81.1	62.0	93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





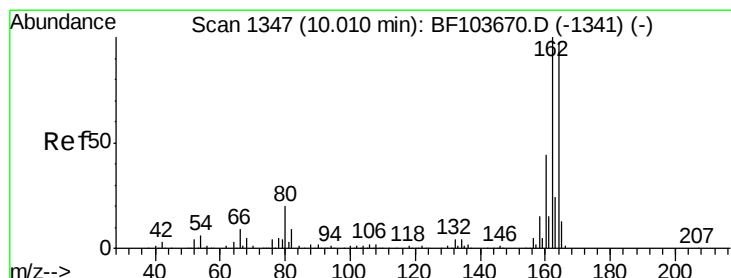
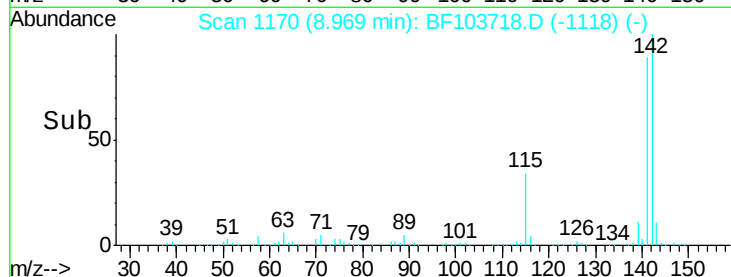
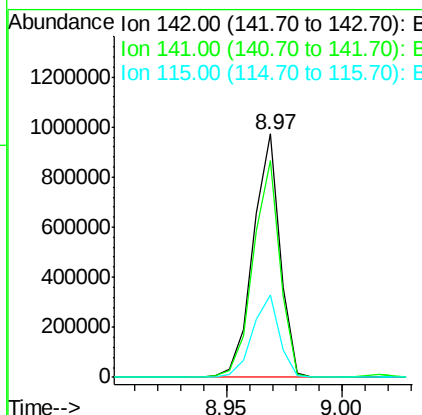
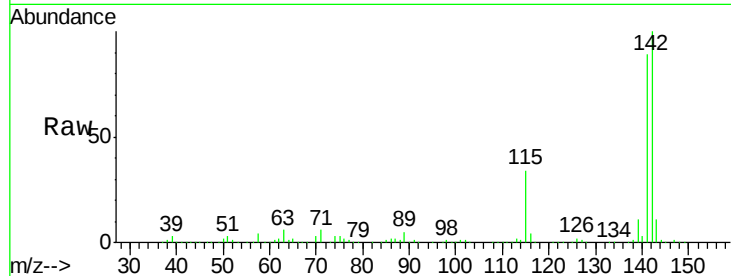
#37
2-Methylnaphthalene
Concen: 37.049 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	34.1	26.1	39.1

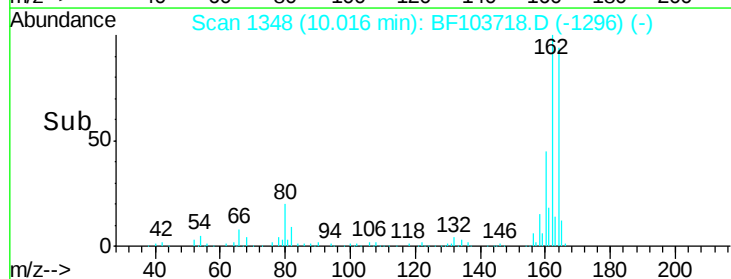
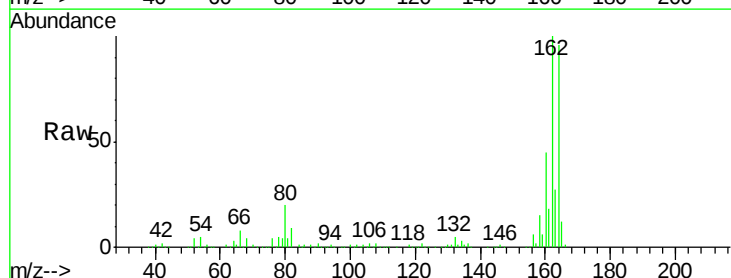
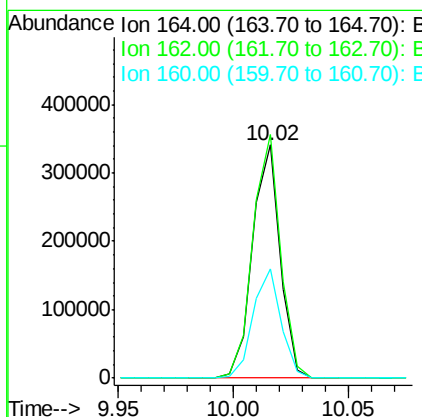
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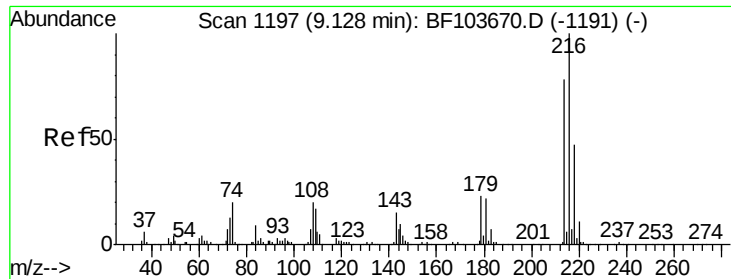
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.9	38.3	57.5





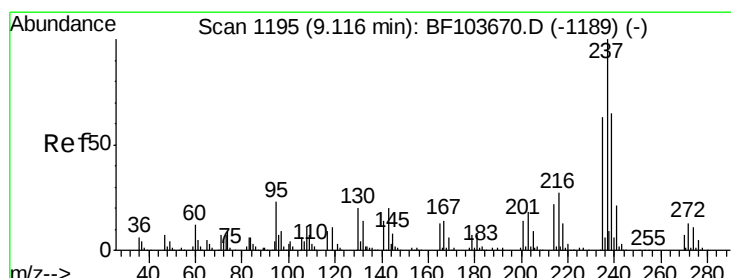
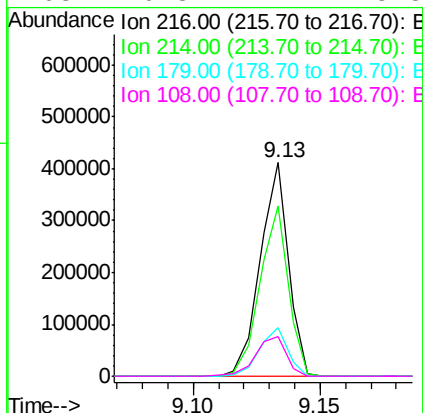
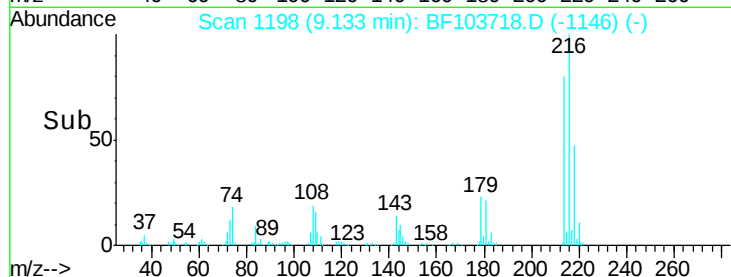
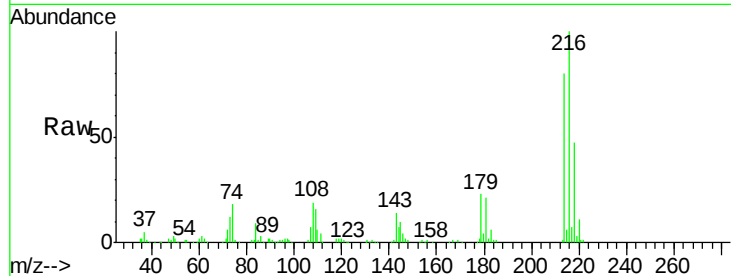
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.473 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
321557	216	100			
	216	100			
	214	80.0	63.0	94.4	
	179	23.1	18.1	27.1	
	108	20.8	17.2	25.8	

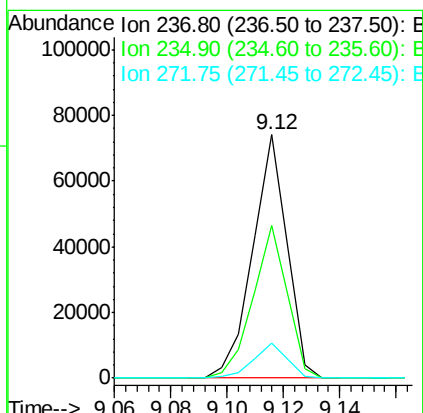
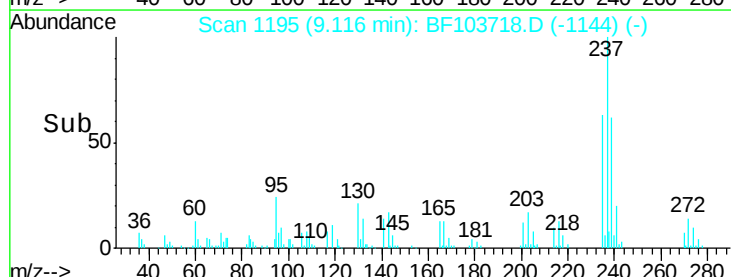
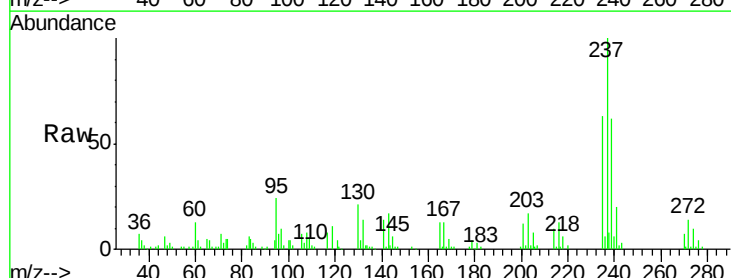
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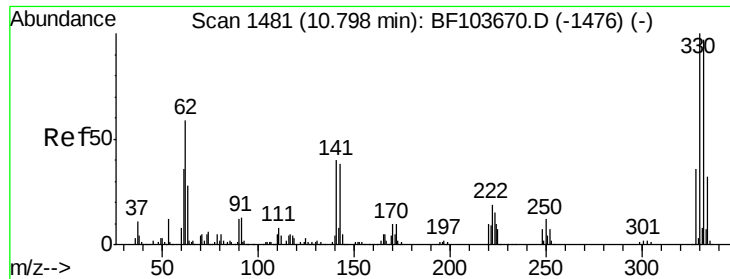
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 14.875 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62528	237	100			
	237	100			
	235	62.7	44.8	84.8	
	272	14.2	0.0	33.3	





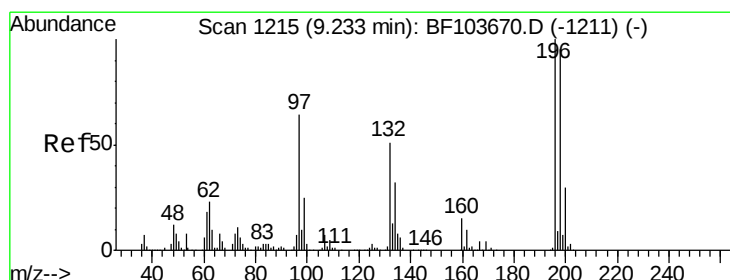
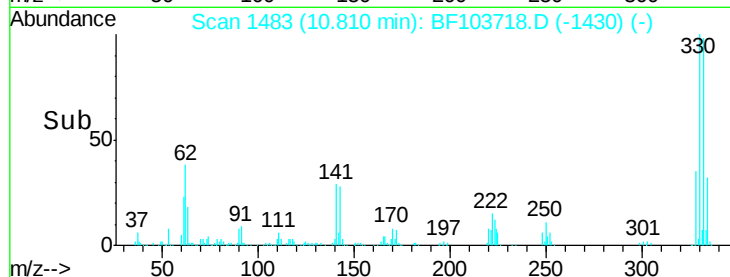
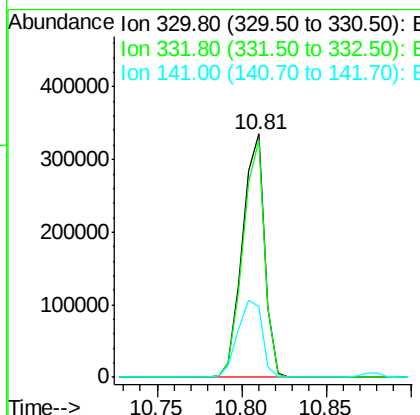
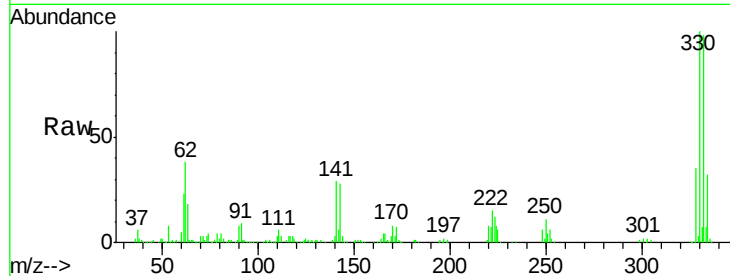
#41
 2,4,6-Tribromophenol
 Concen: 125.594 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	308350		
332	96.1	77.0	115.6	
141	35.2	29.9	44.9	

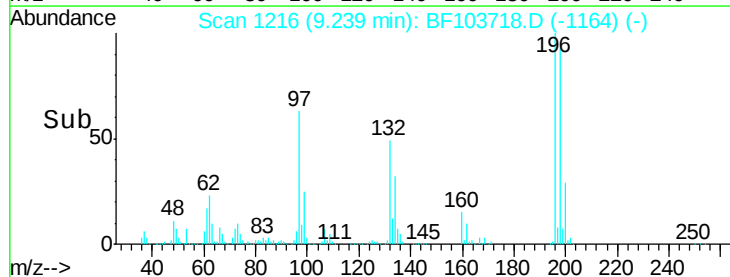
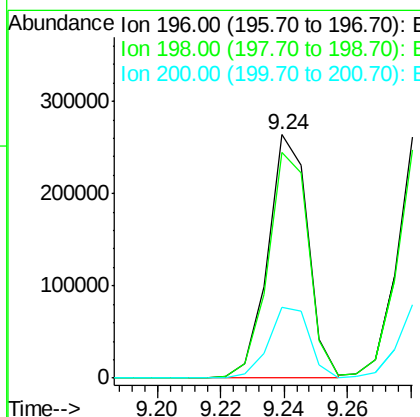
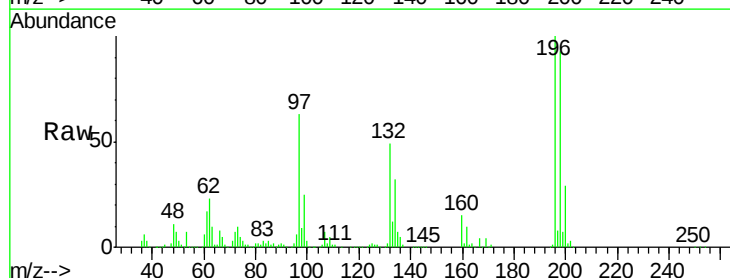
Manual Integrations
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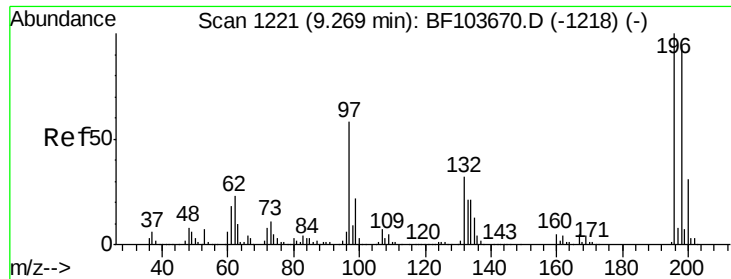
Sohil
 3/19/2018 2:02:49 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.529 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232022		
198	92.8	75.7	113.5	
200	29.3	24.5	36.7	





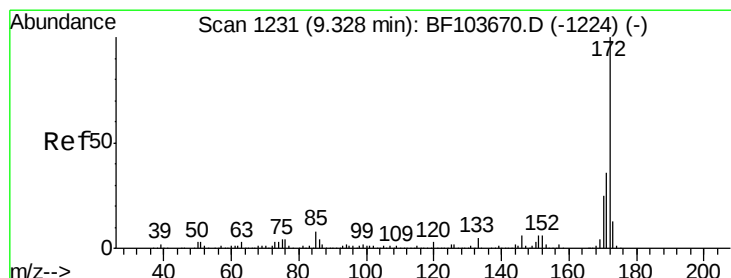
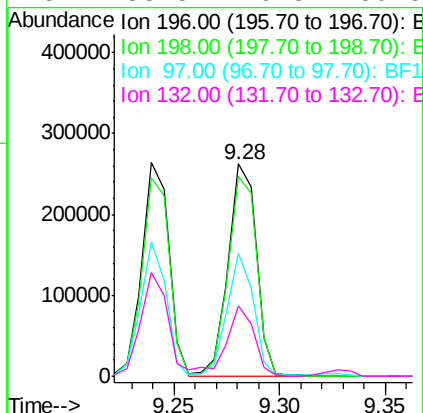
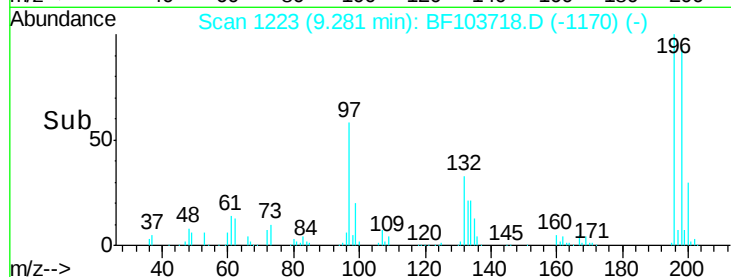
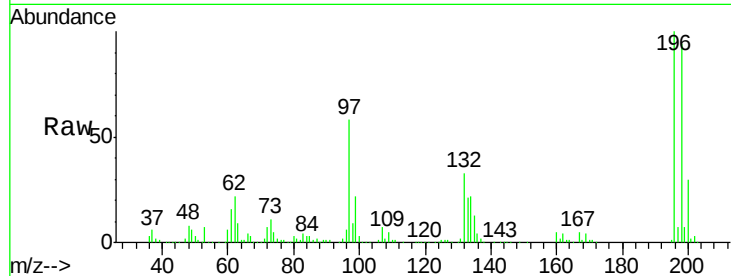
#43
 2,4,5-Trichlorophenol
 Concen: 41.128 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241877		
198	94.4	74.6	112.0	
97	58.2	42.9	64.3	
132	33.5	26.3	39.5	

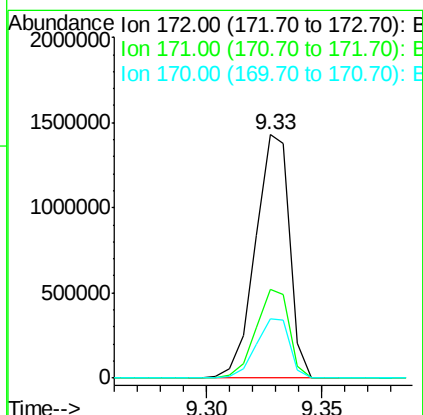
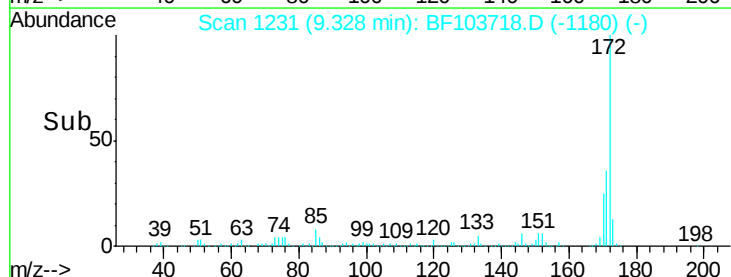
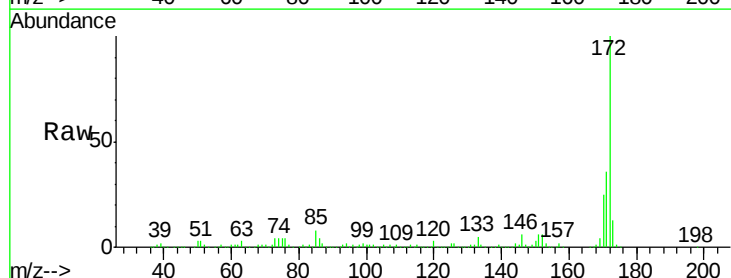
Manual Integrations
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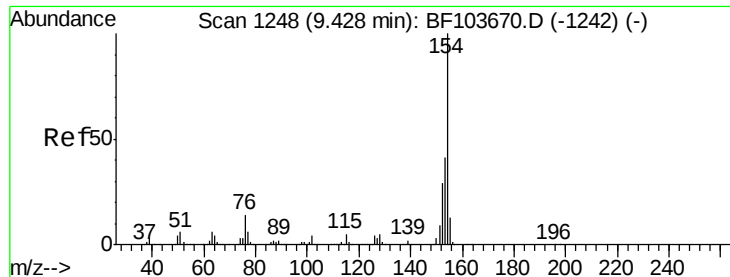
Sohil
 3/19/2018 2:02:49 PM



#44
 2-Fluorobiphenyl
 Concen: 81.981 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1467520		
171	36.3	29.7	44.5	
170	24.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 37.696 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

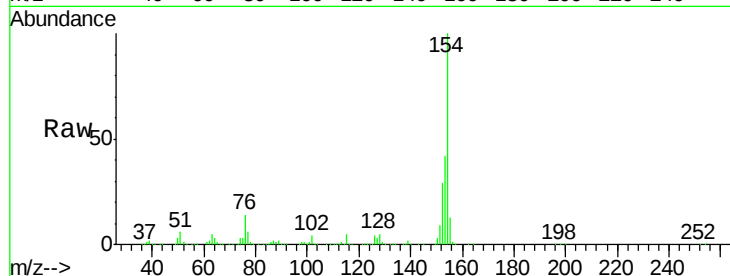
ClientSampleId :

SP-AMS

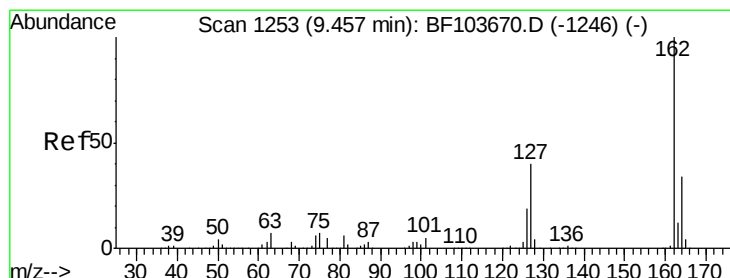
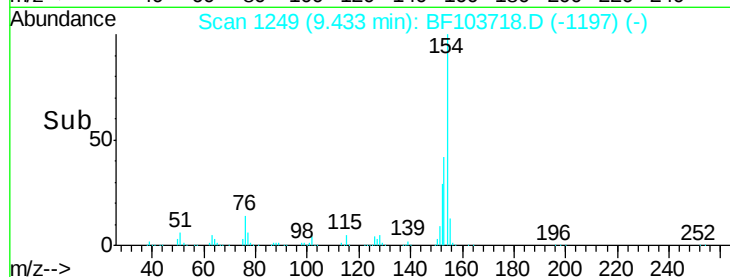
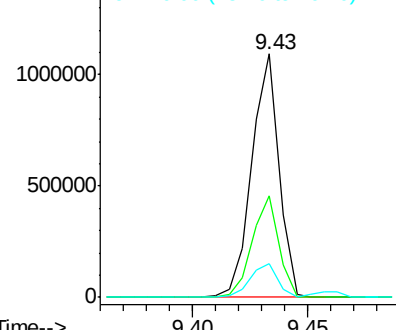
Tot Ion:	154	Resp:	897557
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	13.7	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 38.121 ng

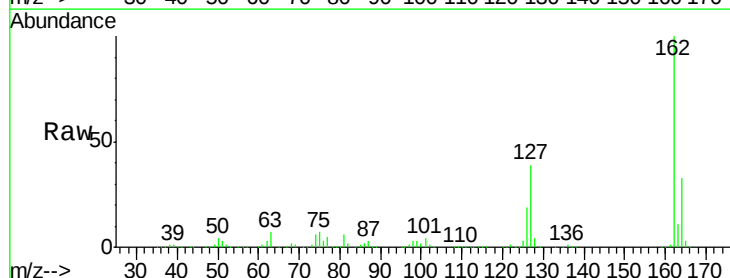
RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

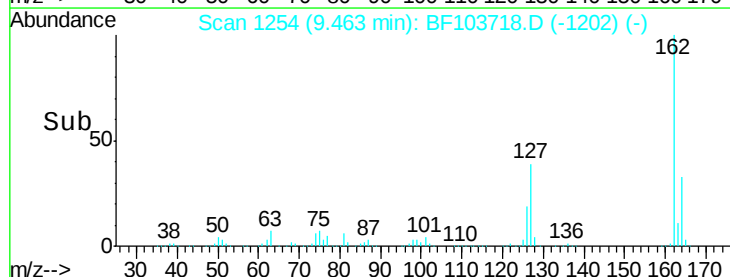
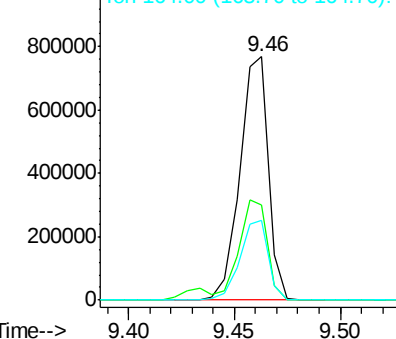
Lab File: BF103718.D

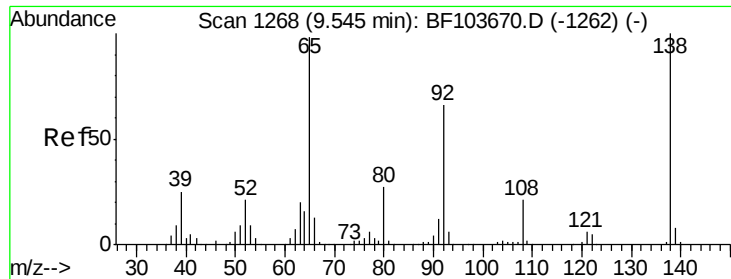
Acq: 17 Mar 2018 1:07

Tgt Ion:	162	Resp:	720917
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	32.6	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





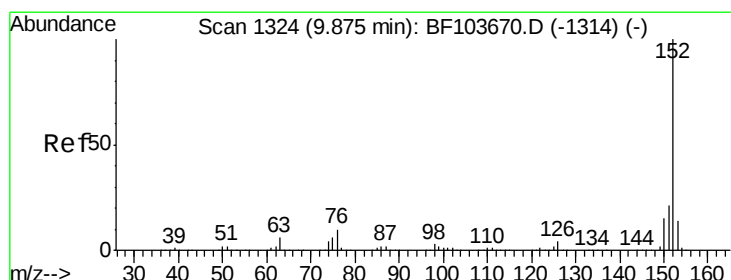
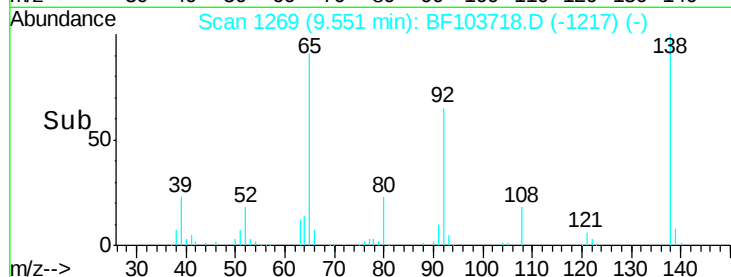
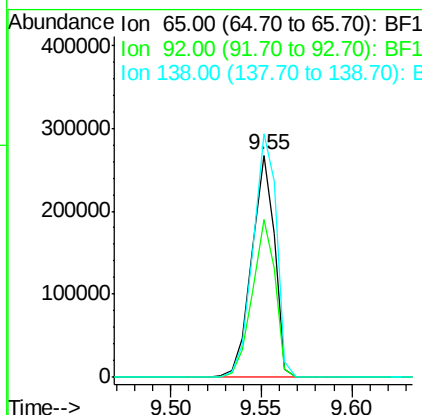
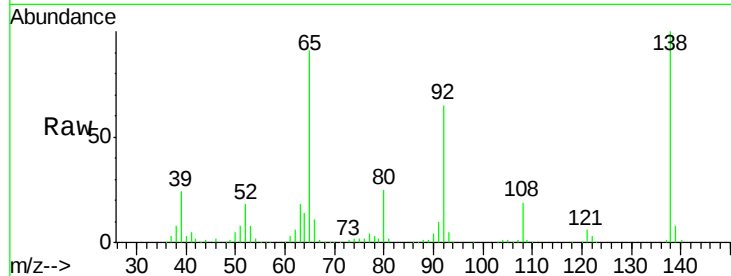
#47
2-Nitroaniline
Concen: 47.591 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	109.4	91.2	136.8

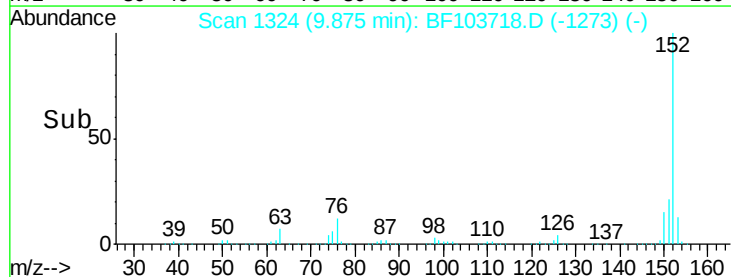
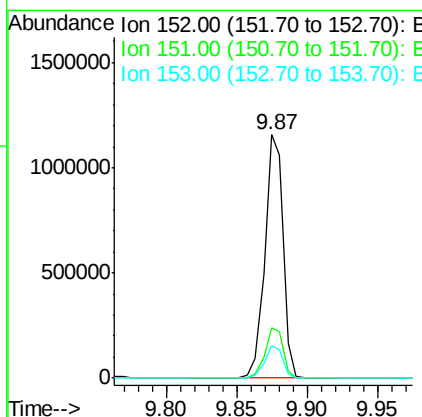
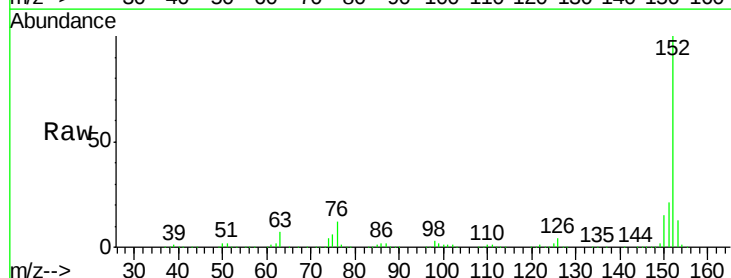
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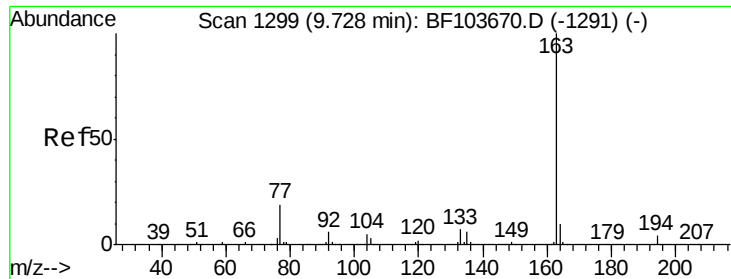
Sohil
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#48
Acenaphthylene
Concen: 36.175 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.5	10.7	16.1





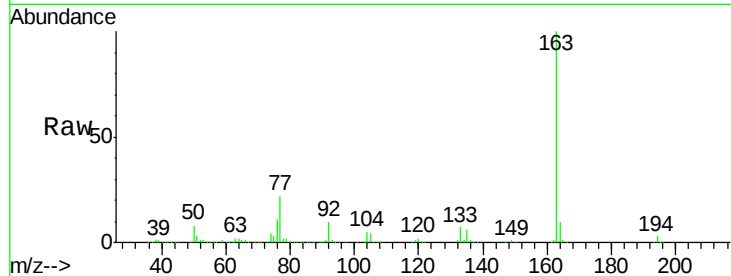
#49
Dimethylphthalate
Concen: 45.996 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampled :
SP-AMS

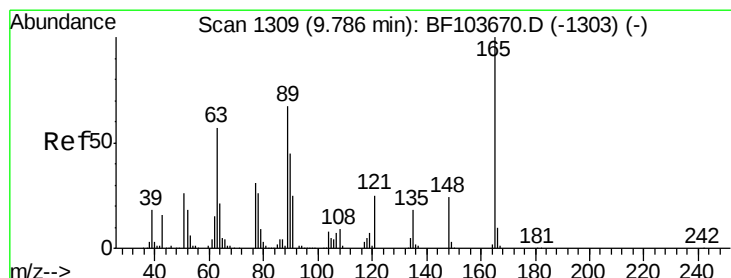
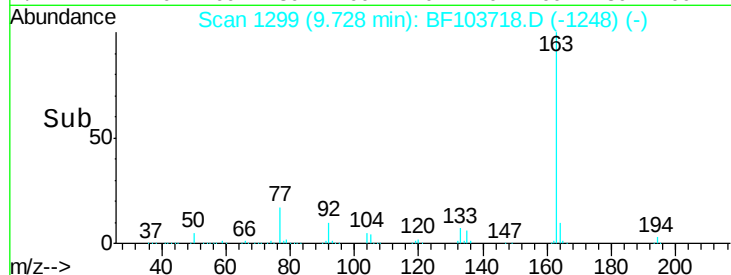
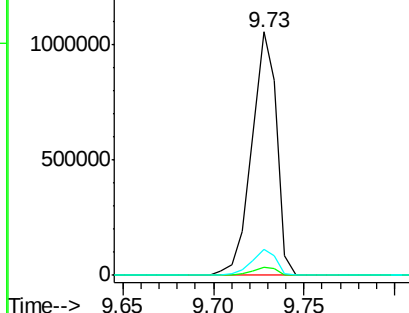
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

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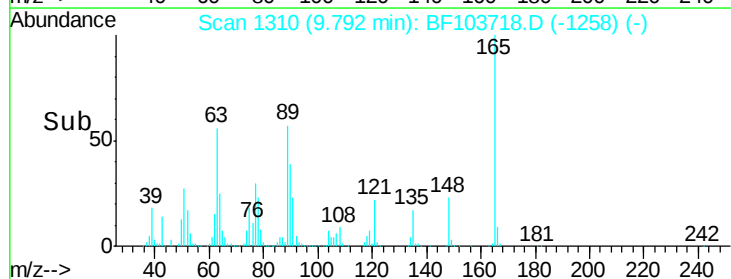
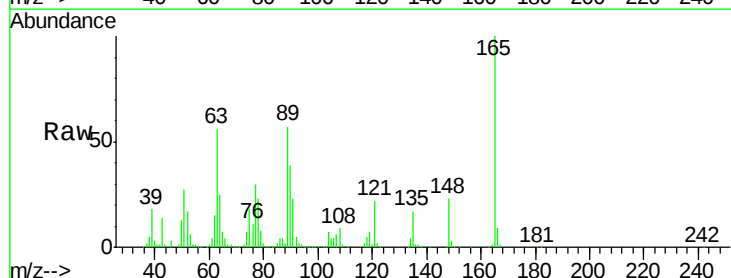
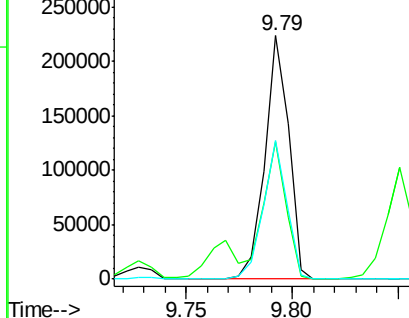
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

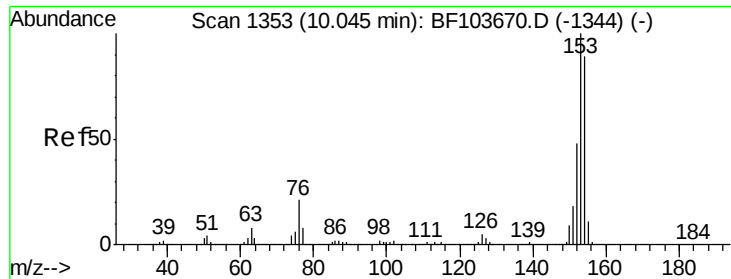


#50
2,6-Dinitrotoluene
Concen: 42.293 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.4	44.7	67.1
89	57.2	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.739 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

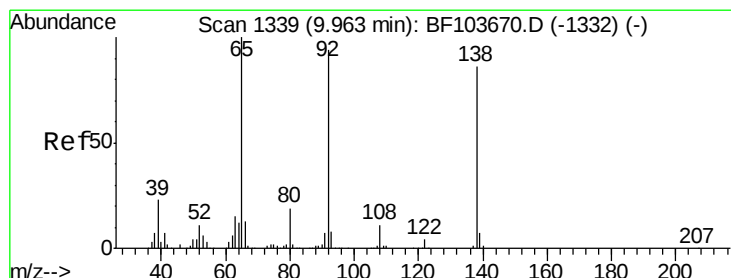
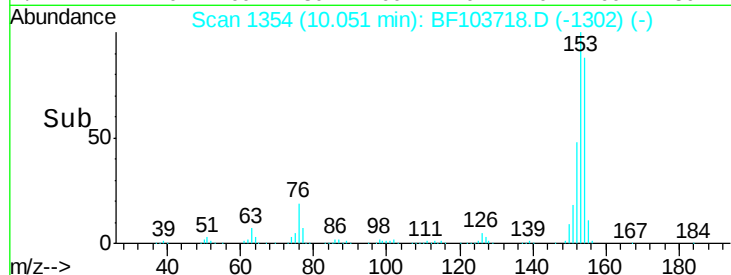
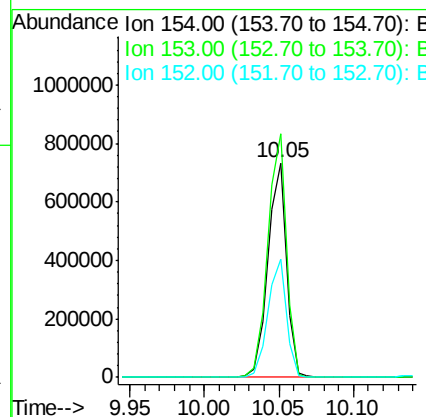
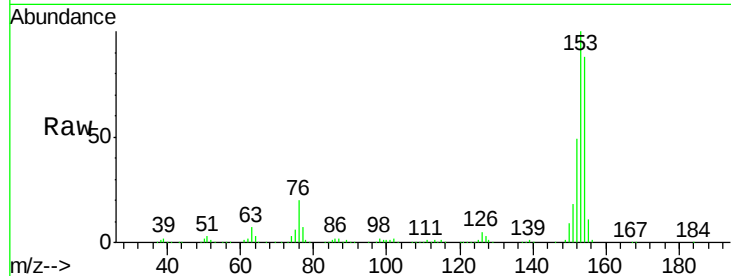
ClientSampled :

SP-AMS

Tot Ion:	154	Resp:	622315
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	55.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 35.832 ng

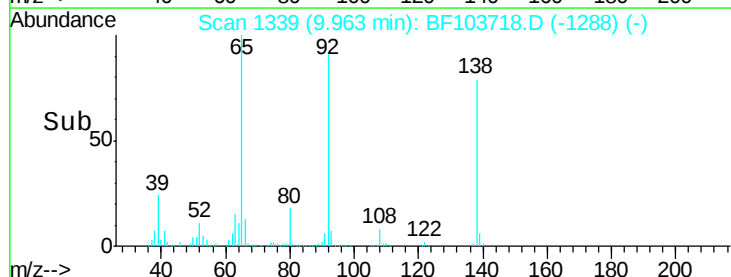
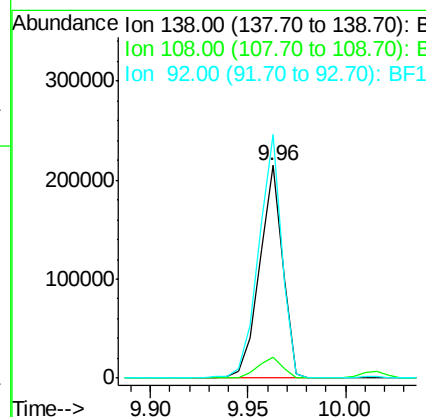
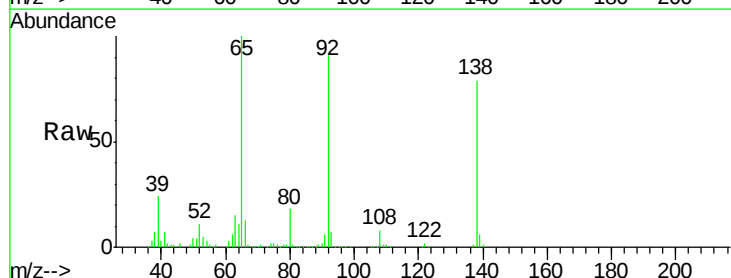
RT: 9.96 min Scan# 1339

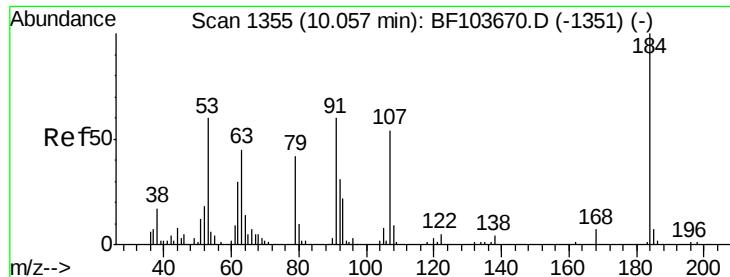
Delta R.T. 0.00 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tgt Ion:	138	Resp:	175677
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	114.6	89.4	134.2





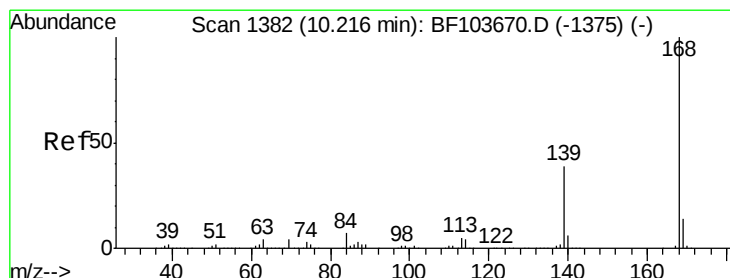
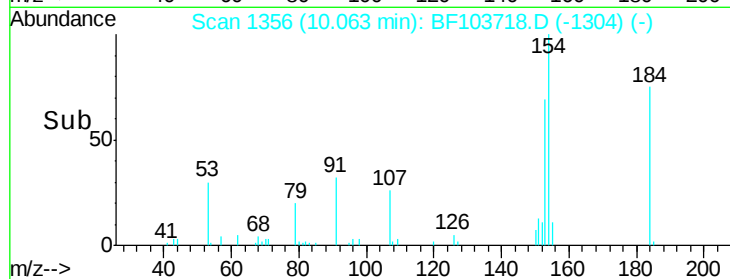
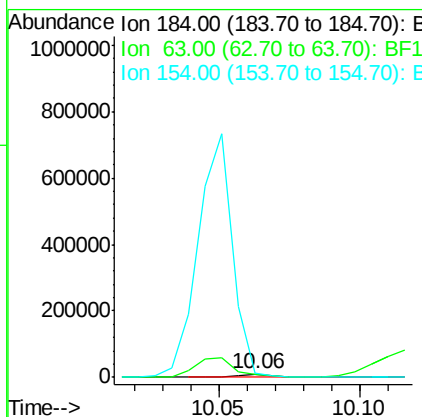
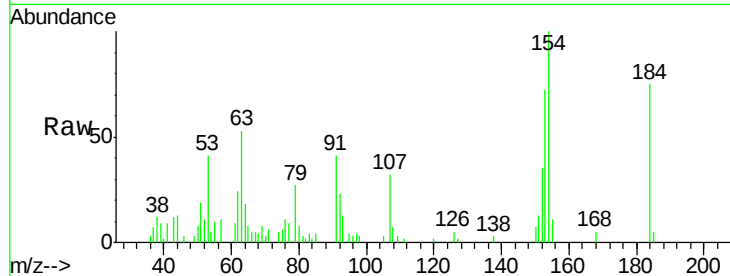
#53
 2,4-Dinitrophenol
 Concen: 18.257 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.5	54.2	81.2
154	132.8	184.0	276.0#

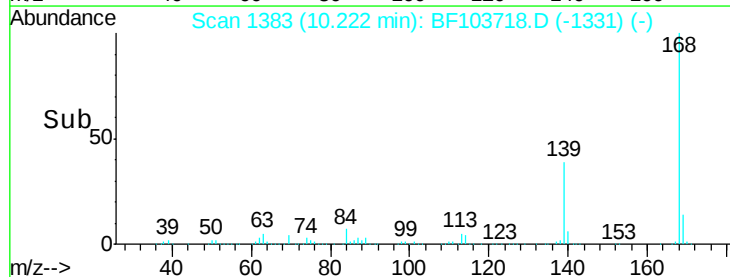
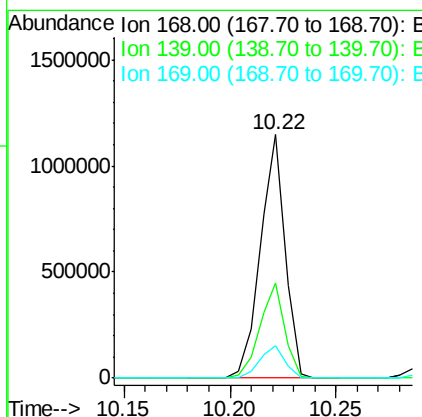
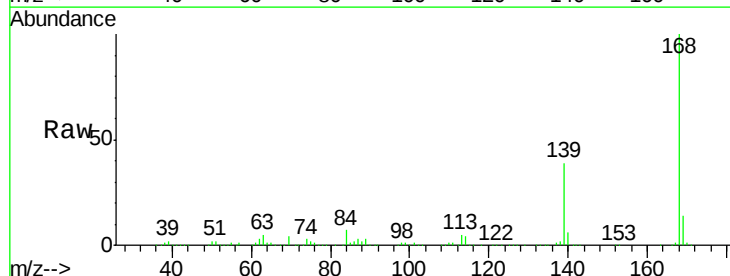
Manual Integrations
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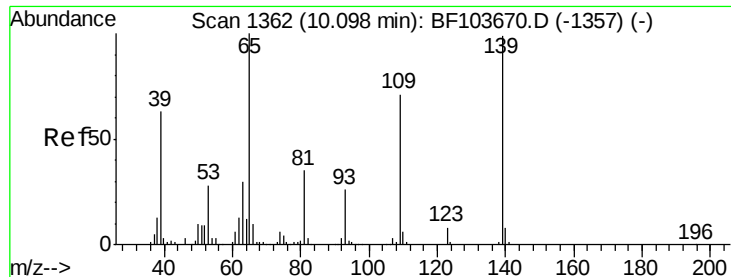
Sohil
 3/19/2018 2:02:49 PM



#54
 Dibenzofuran
 Concen: 37.603 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	13.5	10.9	16.3





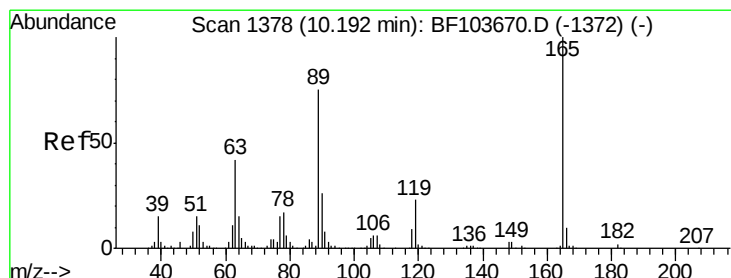
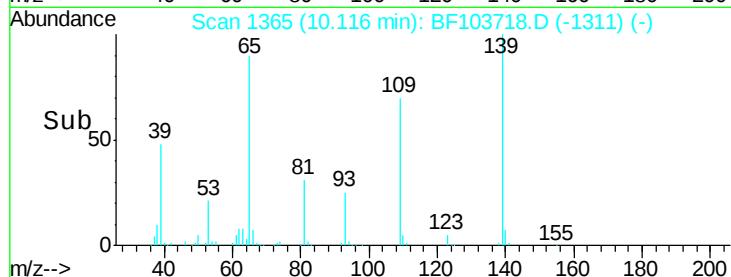
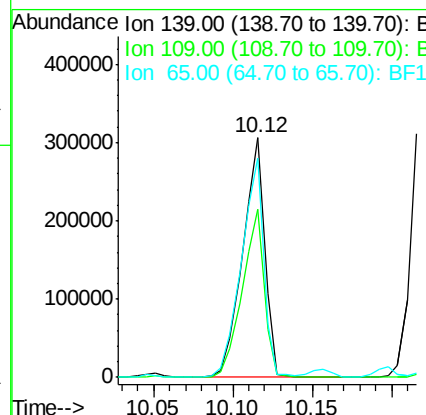
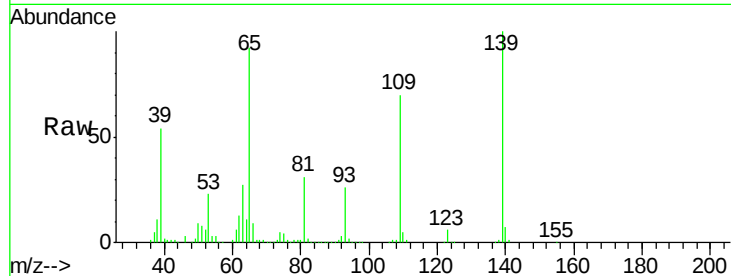
#55
4-Nitrophenol
Concen: 74.481 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.2	48.4	88.4	
65	91.8	72.6	112.6	

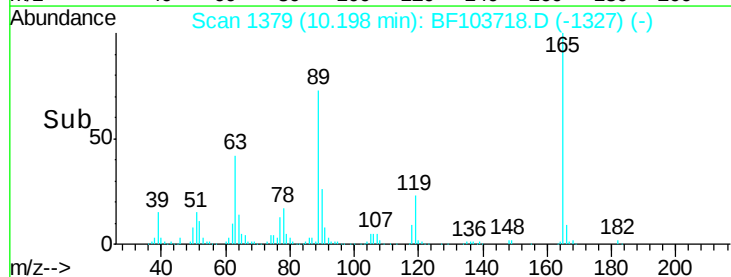
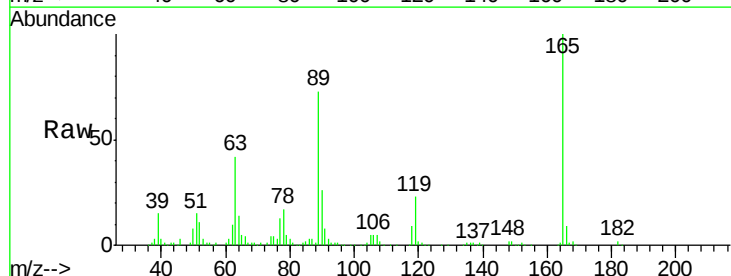
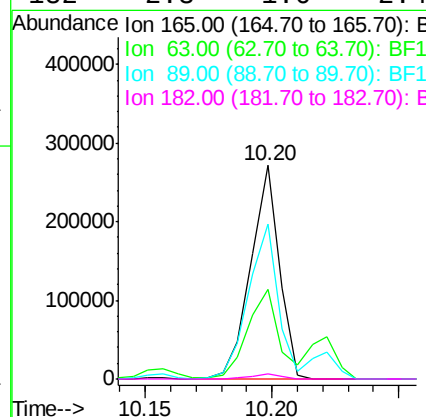
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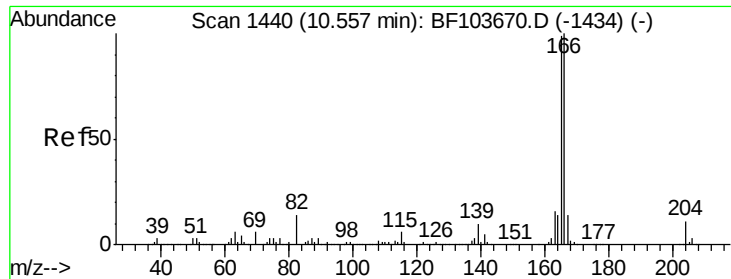
Sohil
3/19/2018 2:02:49 PM



#56
2,4-Dinitrotoluene
Concen: 41.114 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.2	36.4	54.6	
89	72.8	57.8	86.6	
182	2.3	1.6	2.4	





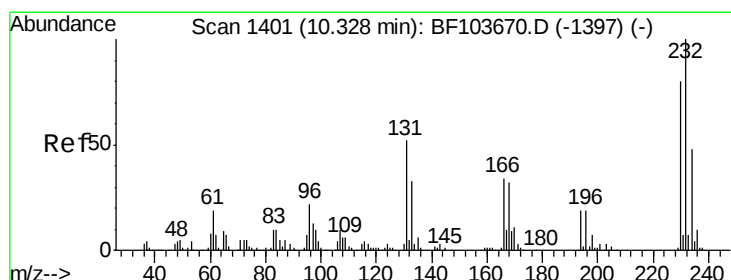
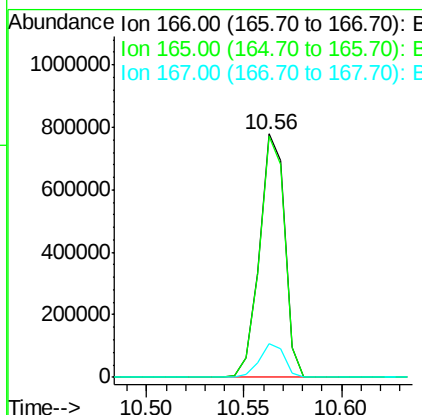
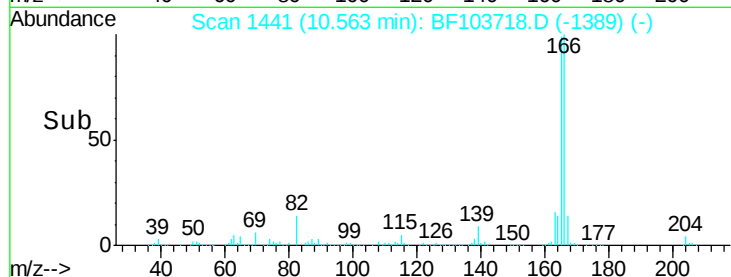
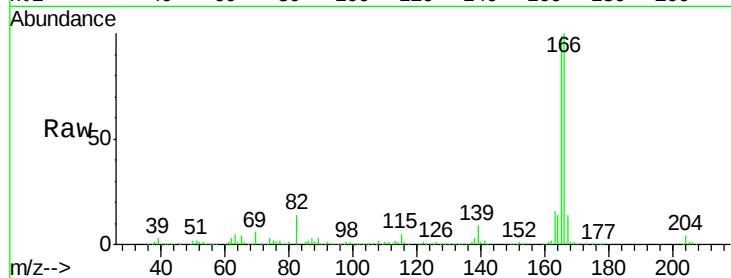
#57
 Fluorene
 Concen: 36.151 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.9	10.6	16.0

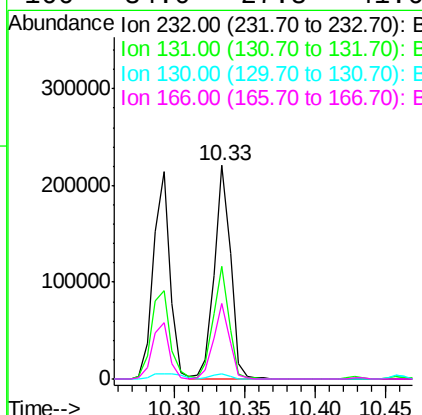
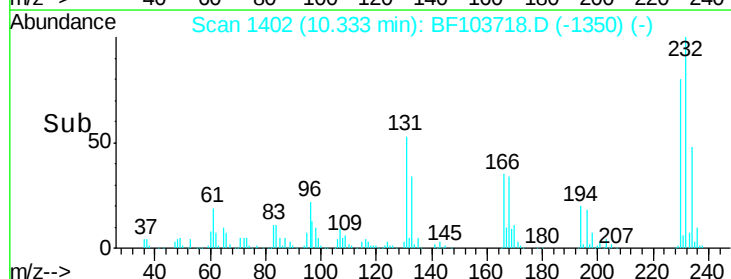
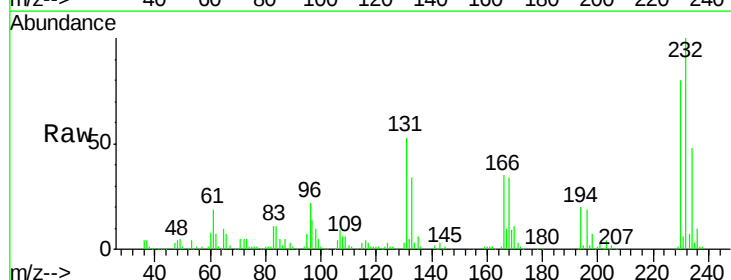
Manual Integrations
 APPROVED

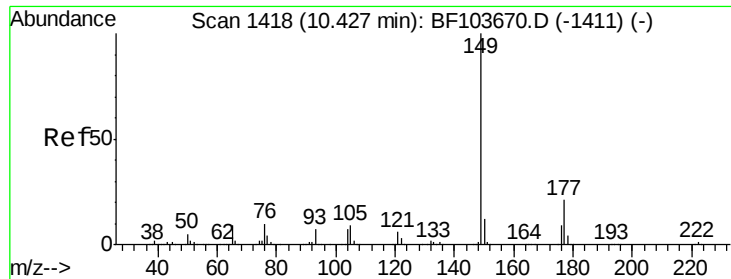
Sohil
 3/19/2018 2:02:49 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.801 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.6	43.8	65.8
130	2.6	2.1	3.1
166	34.0	27.8	41.6





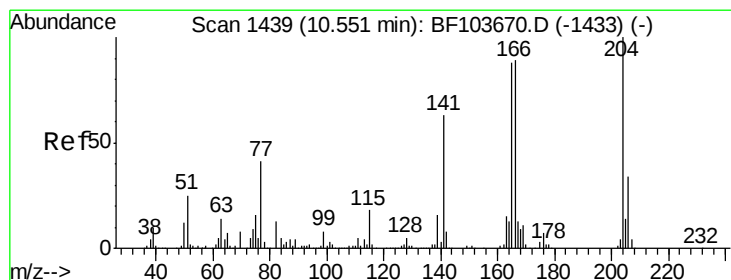
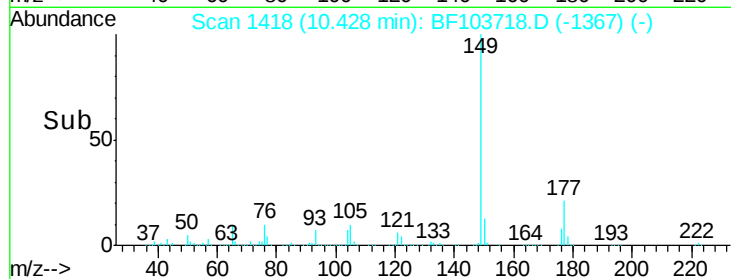
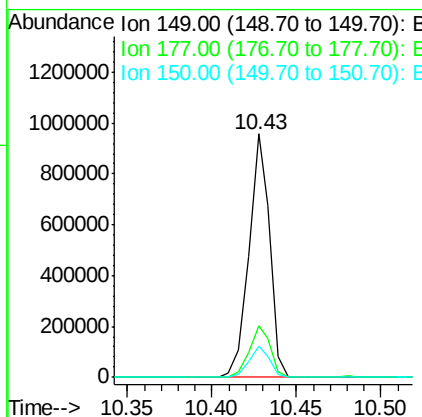
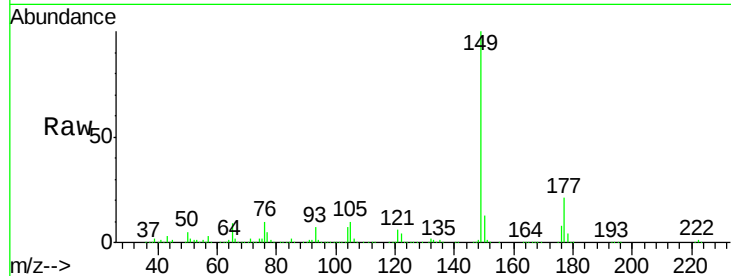
#59
Diethylphthalate
Concen: 38.060 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.6	10.1	15.1

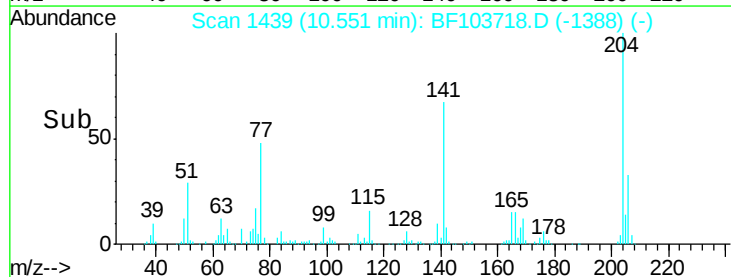
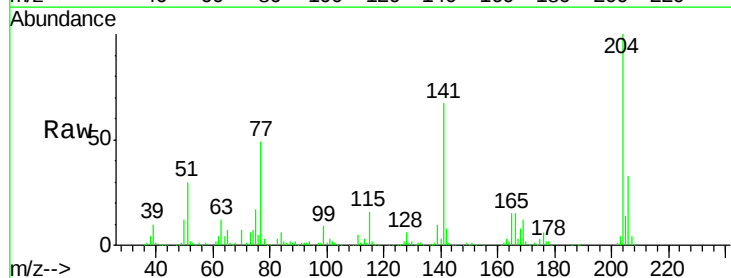
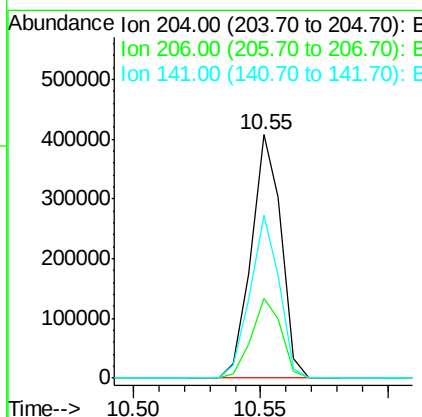
Manual Integrations
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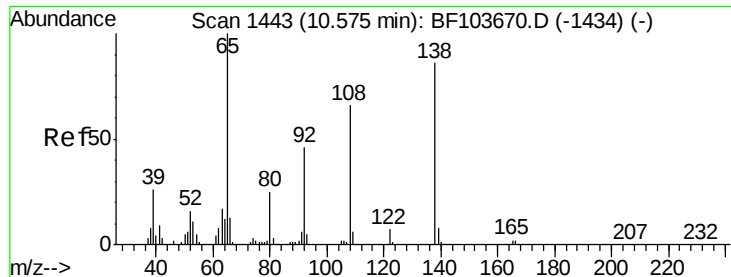
Sohil
3/19/2018 2:02:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.799 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	66.8	54.6	81.8





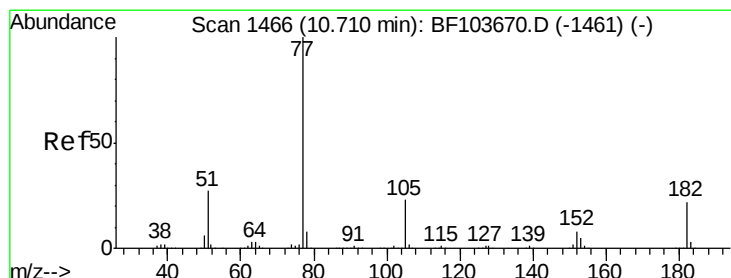
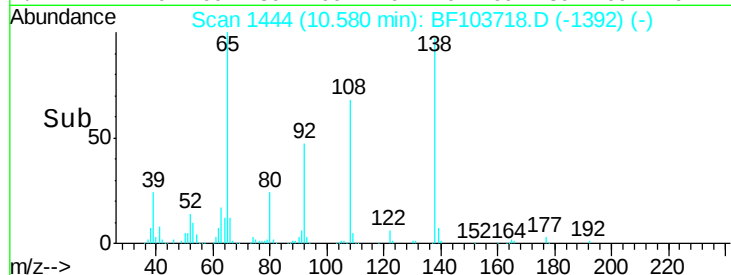
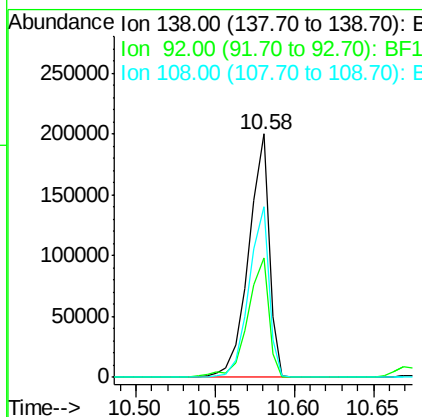
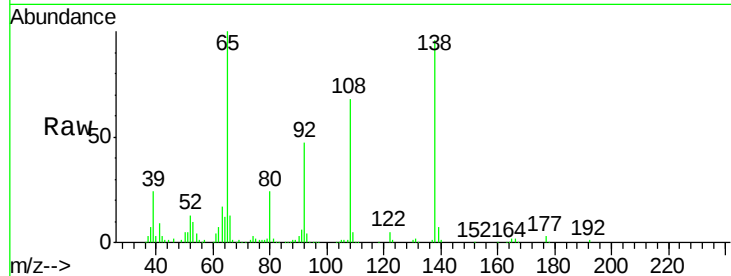
#61
4-Nitroaniline
Concen: 37.933 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.2	70.2
108	70.3	52.5	92.5

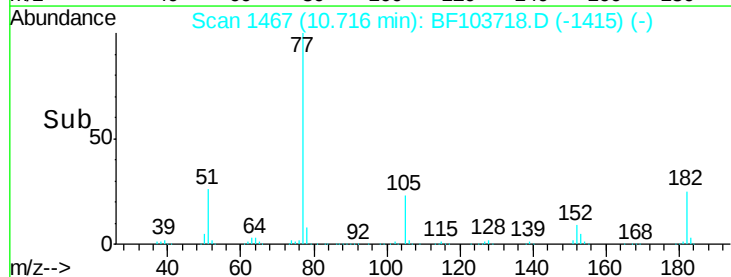
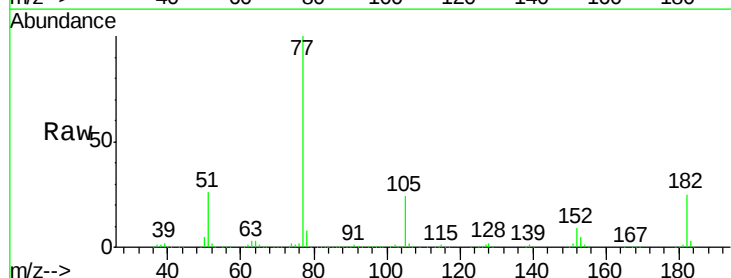
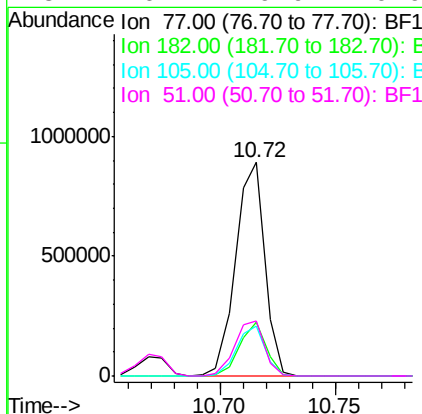
Manual Integrations
APPROVED

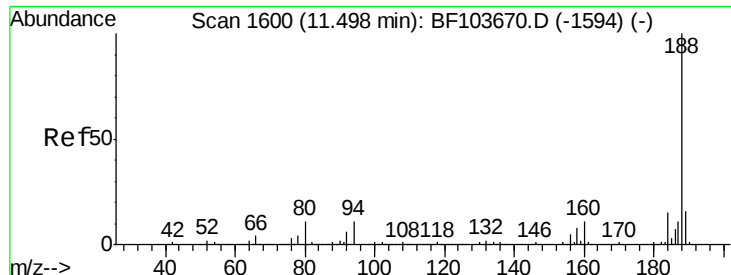
Sohil
3/19/2018 2:02:49 PM



#62
Azobenzene
Concen: 35.682 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.7	41.7
105	23.7	3.0	43.0
51	26.1	9.9	49.9





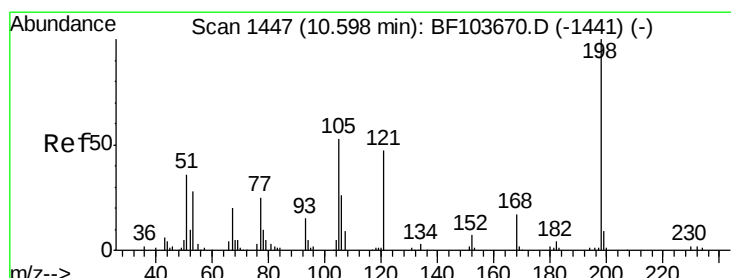
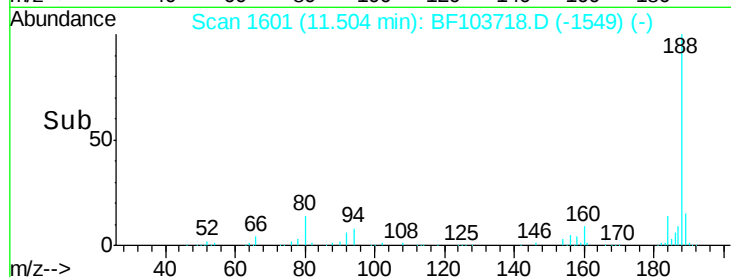
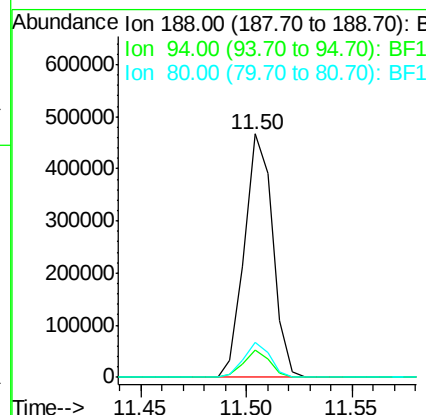
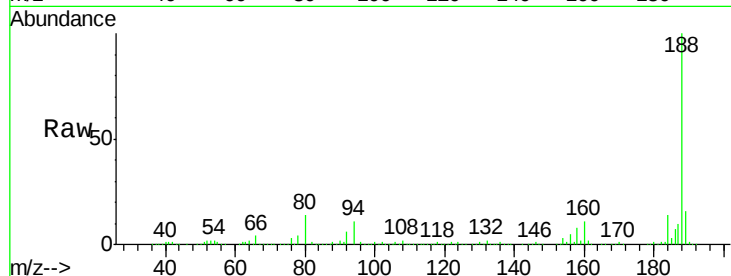
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	431938		
94	11.3		8.5	12.7
80	14.3		9.2	13.8

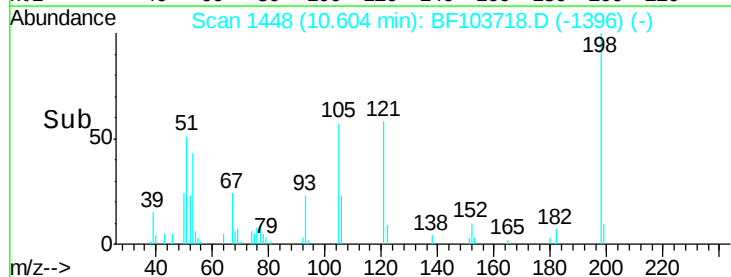
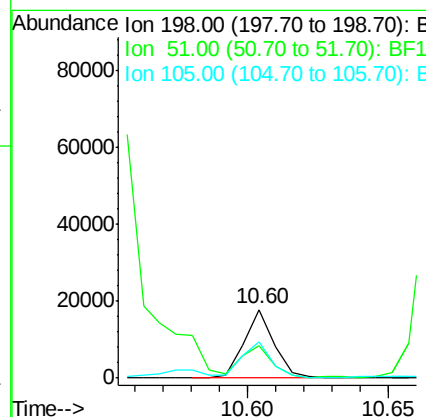
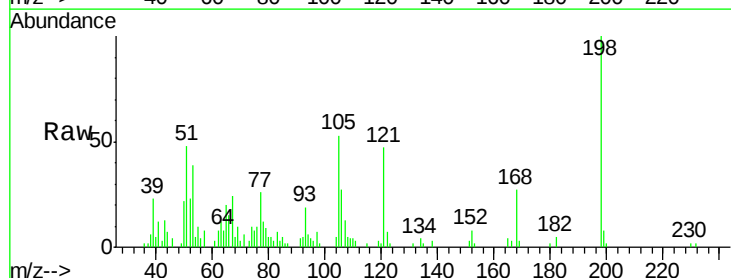
Manual Integrations
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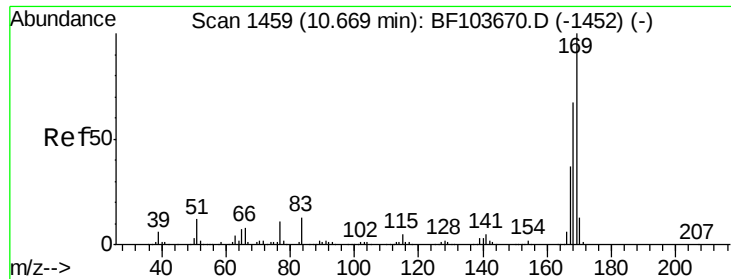
Sohil
 3/19/2018 2:02:49 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.600 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13005		
51	48.1		37.7	77.7
105	53.0		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 43.524 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

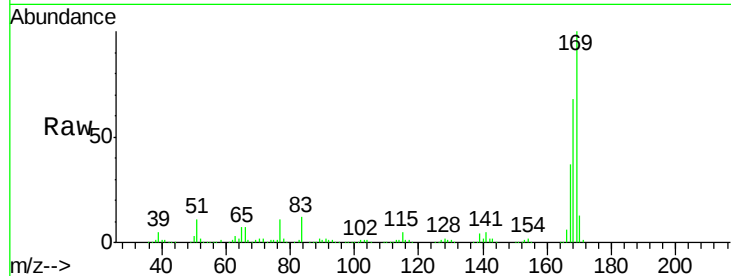
ClientSampled :

SP-AMS

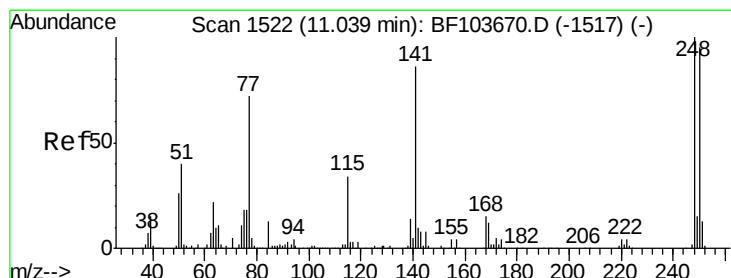
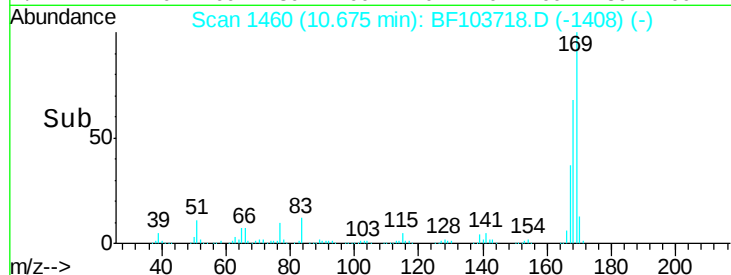
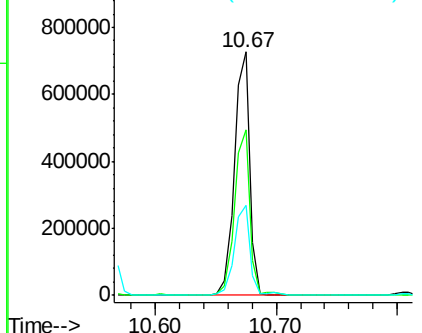
Tot Ion:	169	Resp:	639914
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.4	81.6
167	36.9	29.8	44.6

Manual Integrations
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3/19/2018 2:02:49 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.359 ng

RT: 11.05 min Scan# 1523

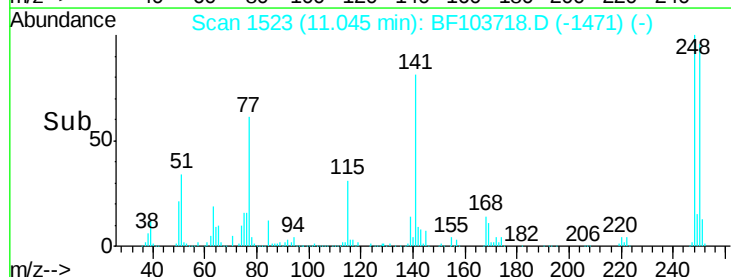
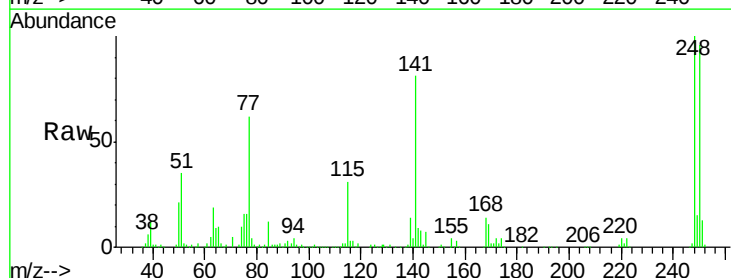
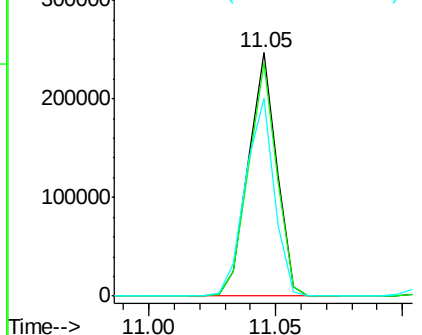
Delta R.T. 0.01 min

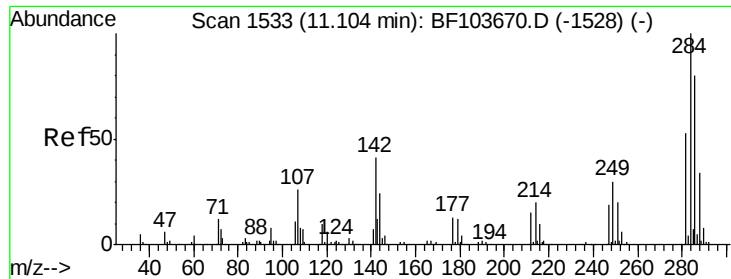
Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tgt Ion:	248	Resp:	192290
Ion Ratio	Lower	Upper	
248	100		
250	96.1	76.9	115.3
141	80.9	74.4	111.6

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





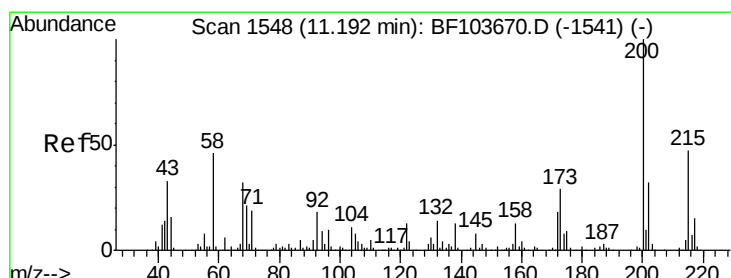
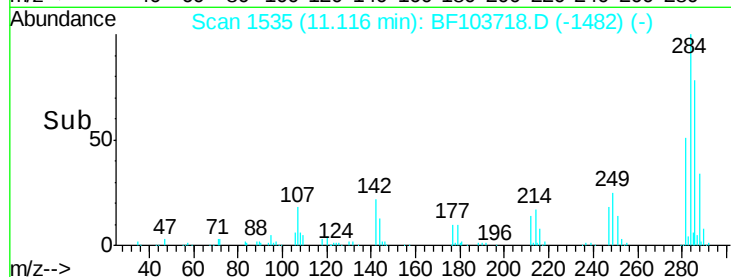
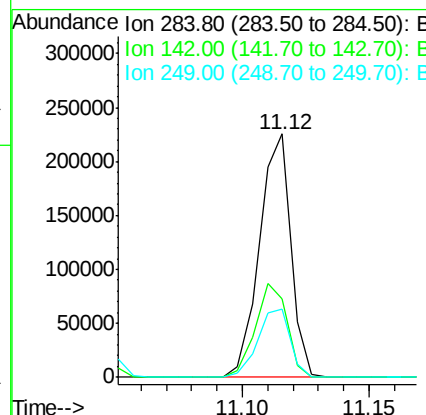
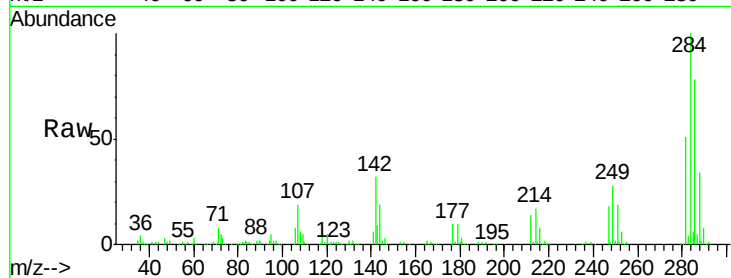
#67
Hexachlorobenzene
Concen: 38.487 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	194811		
142	32.2	34.6	52.0	
249	28.3	24.8	37.2	

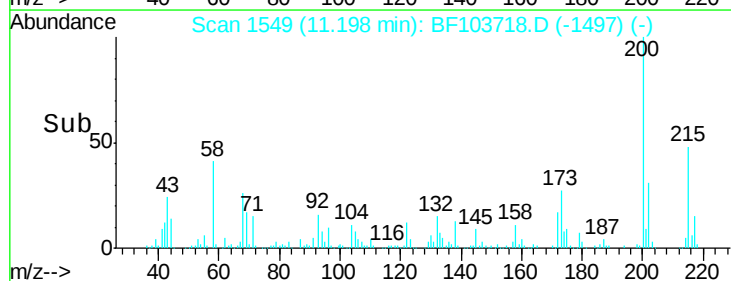
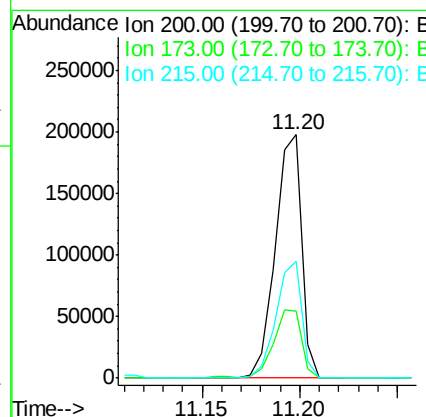
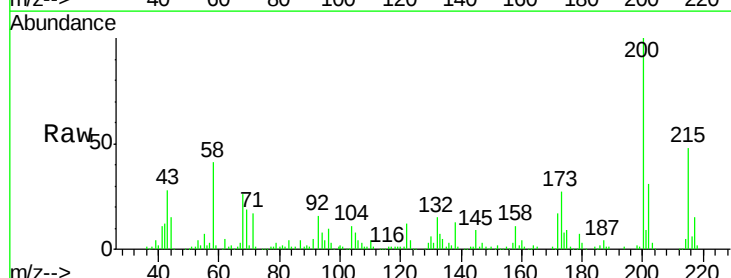
Manual Integrations
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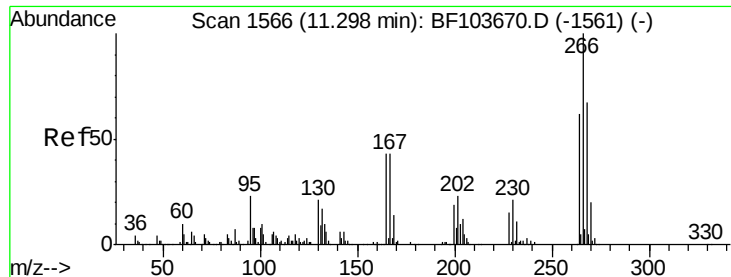
Sohil
3/19/2018 2:02:49 PM



#68
Atrazine
Concen: 40.555 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184448		
173	27.4	8.6	48.6	
215	47.9	25.1	65.1	





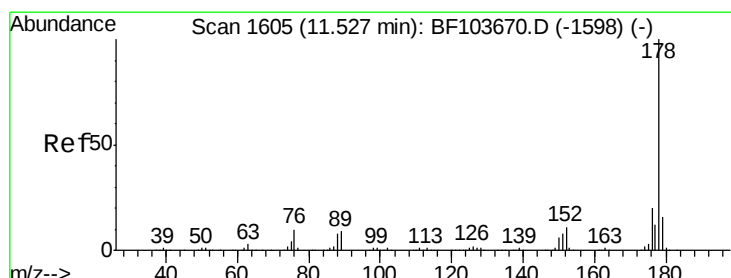
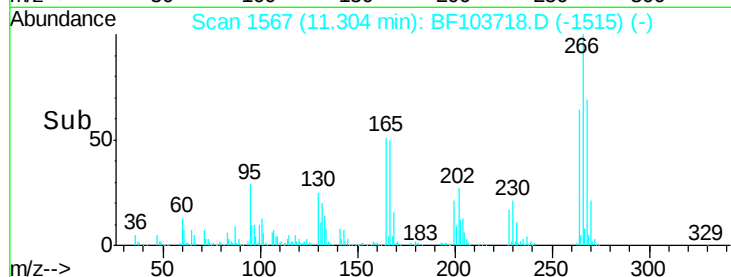
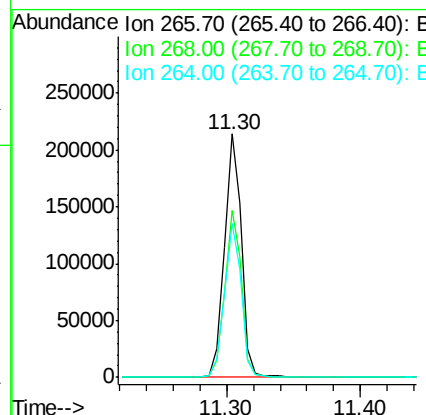
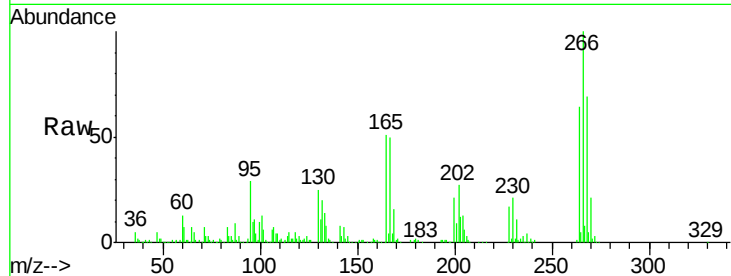
#69
 Pentachlorophenol
 Concen: 66.122 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.6	51.1	76.7
264	63.5	49.5	74.3

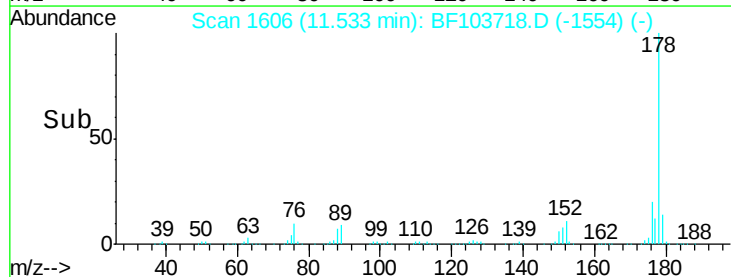
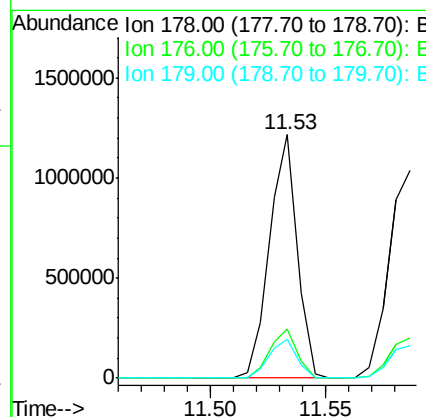
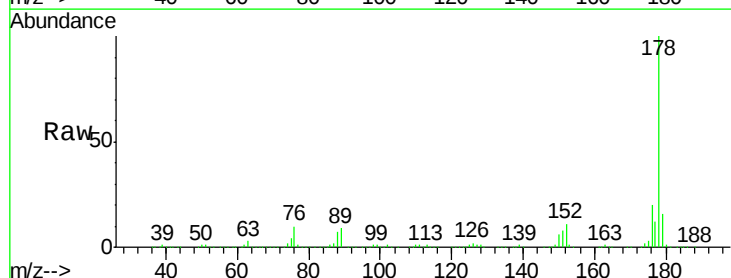
Manual Integrations
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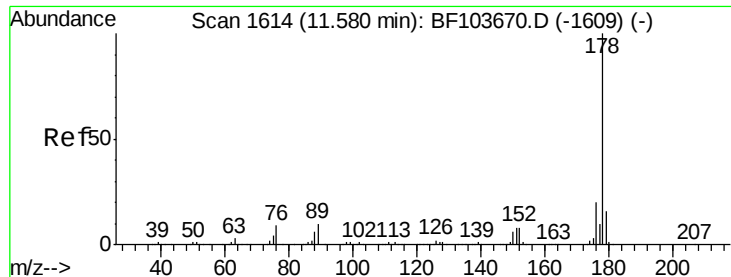
Sohil
 3/19/2018 2:02:49 PM



#70
 Phenanthrene
 Concen: 42.953 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.8	13.0	19.6





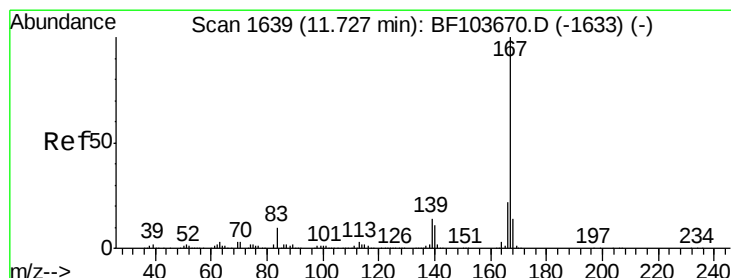
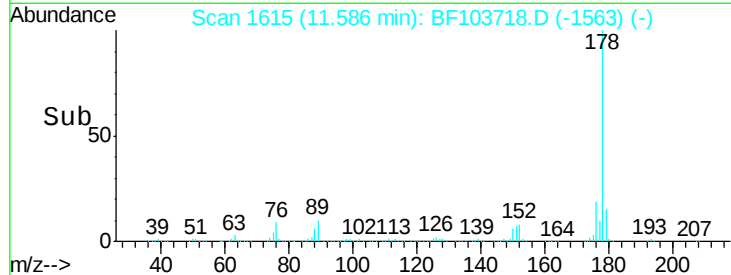
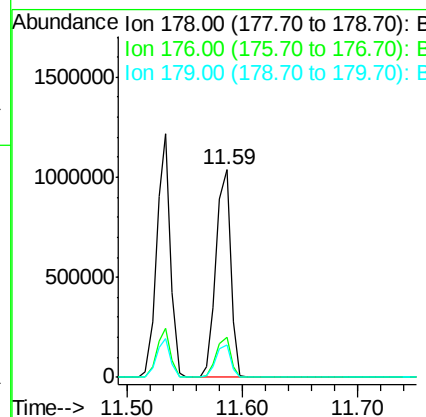
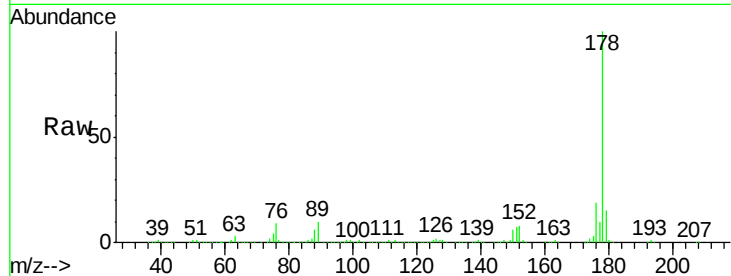
#71
 Anthracene
 Concen: 38.645 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.6	19.0

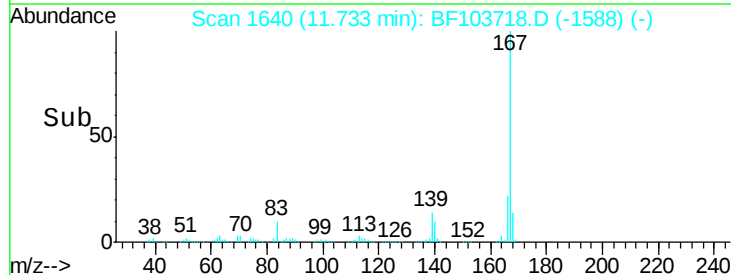
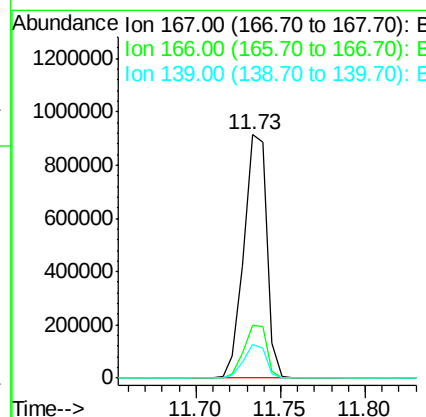
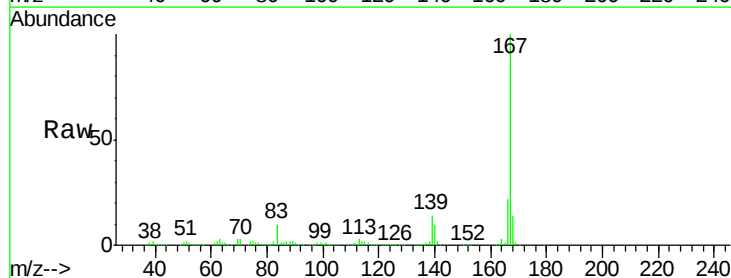
Manual Integrations
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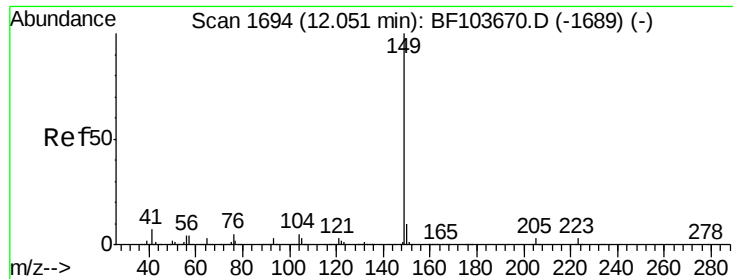
Sohil
 3/19/2018 2:02:49 PM



#72
 Carbazole
 Concen: 37.097 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.377 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

SP-AMS

Tot Ion:149 Resp: 1158029

Ion Ratio Lower Upper

149 100

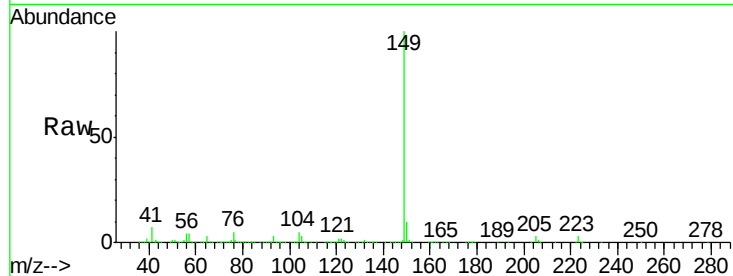
150 9.6 7.8 11.6

104 4.9 3.8 5.8

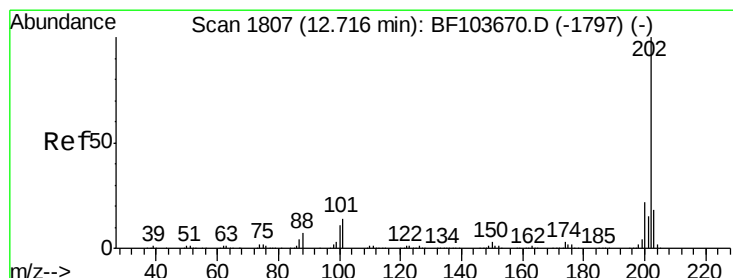
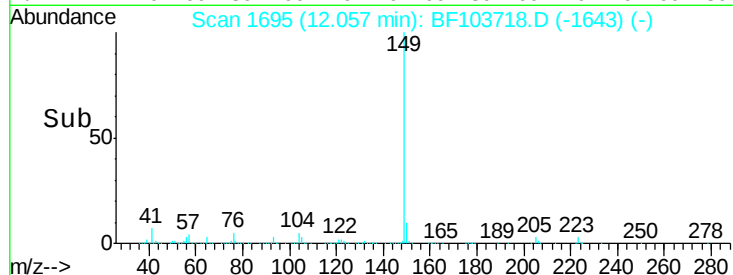
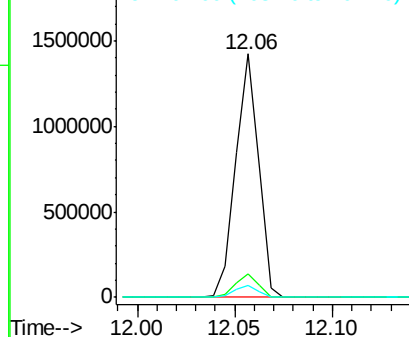
Manual Integrations
APPROVED

Sohil

3/19/2018 2:02:49 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.375 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

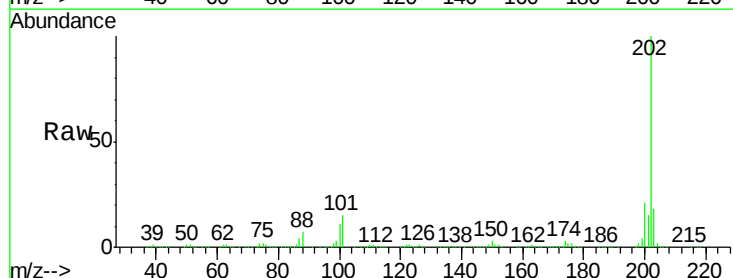
Tgt Ion:202 Resp: 958471

Ion Ratio Lower Upper

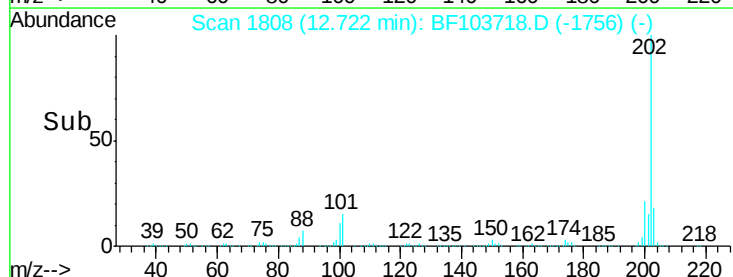
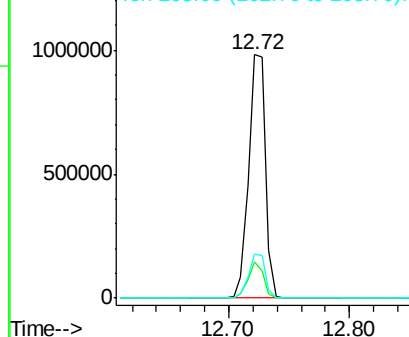
202 100

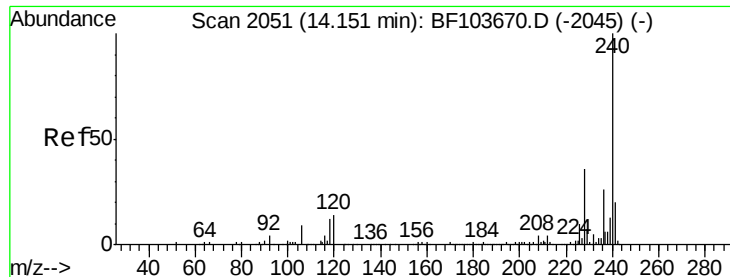
101 14.7 0.0 34.1

203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

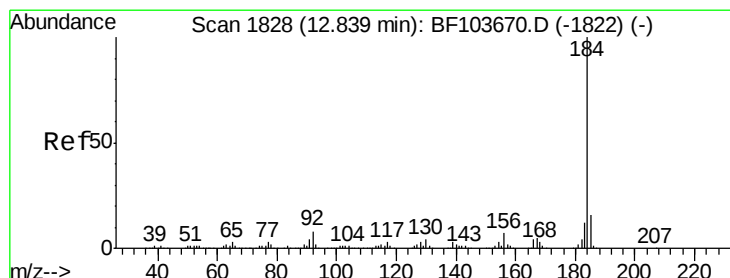
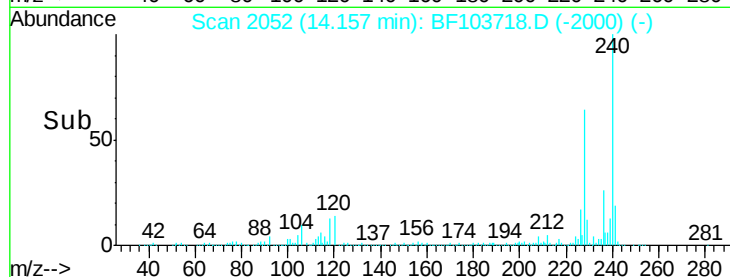
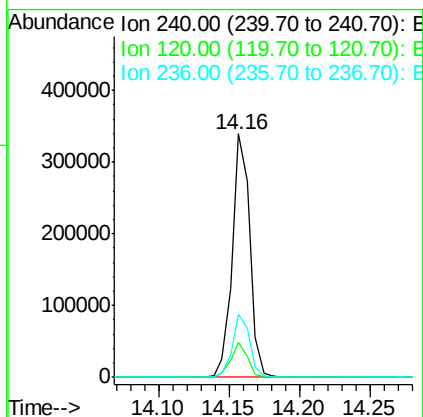
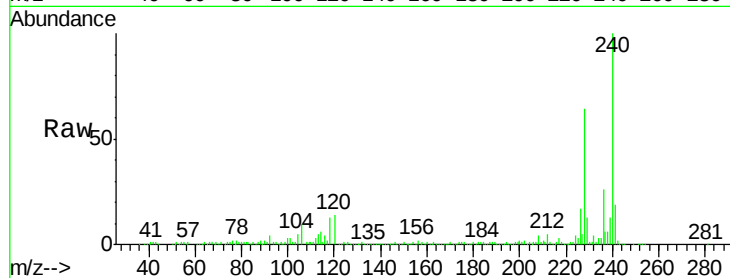
ClientSampleId :

SP-AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 40.964 ng

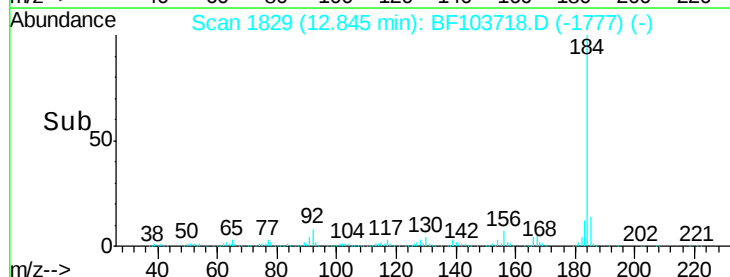
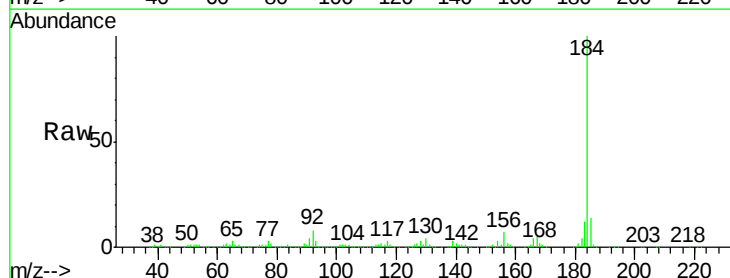
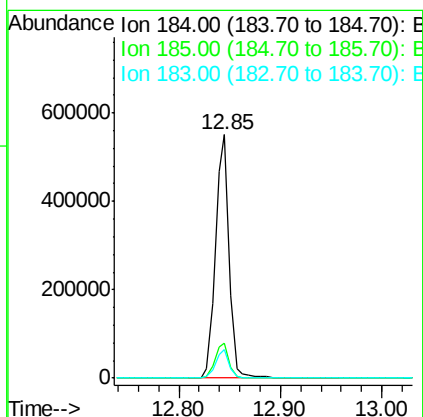
RT: 12.85 min Scan# 1829

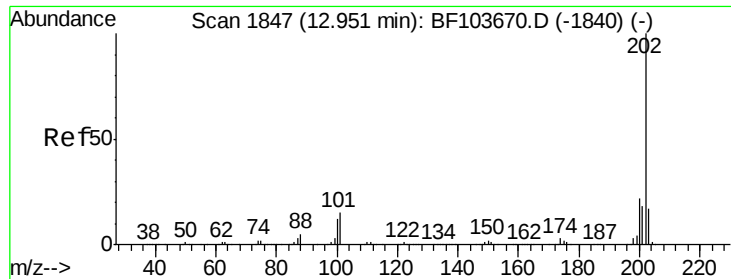
Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.6	9.3	13.9





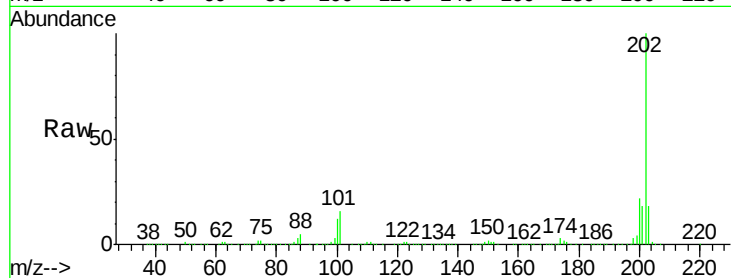
#77
Pvrene
Concen: 42.344 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

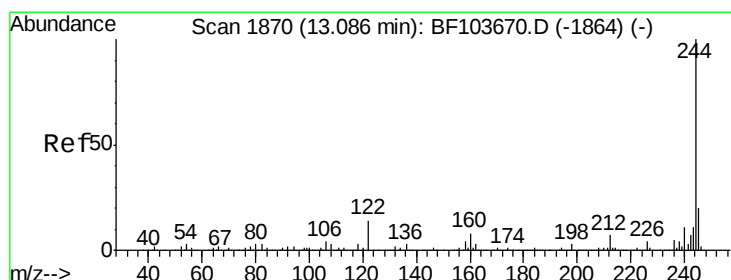
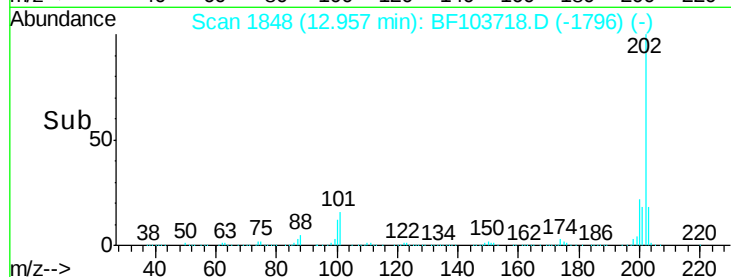
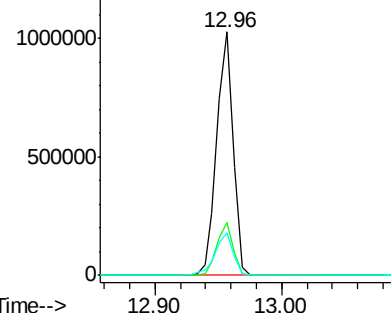
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

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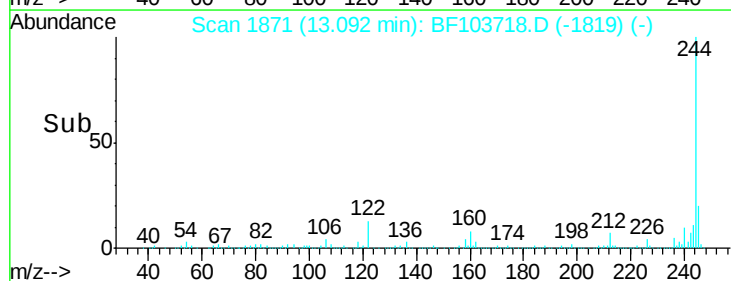
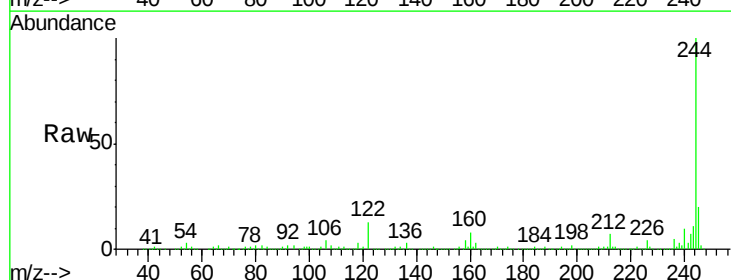
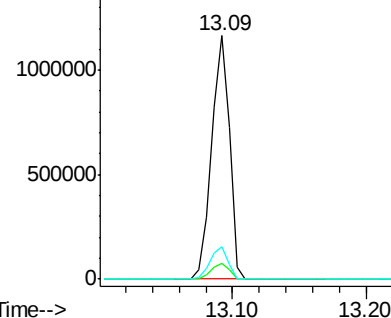
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

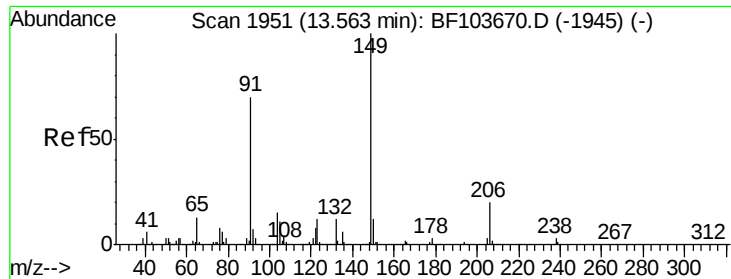


#78
Terphenyl-d14
Concen: 87.112 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





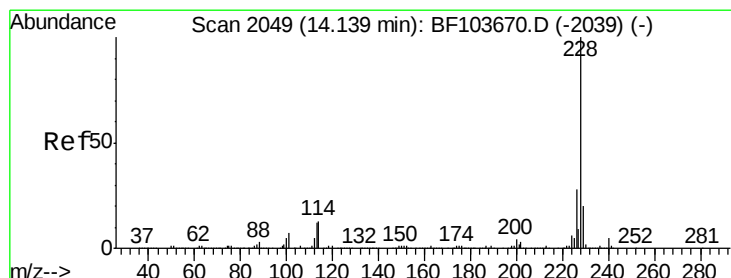
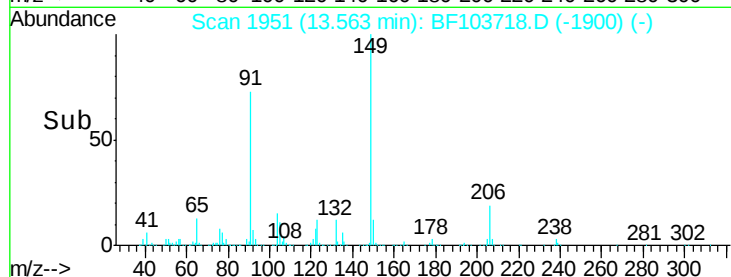
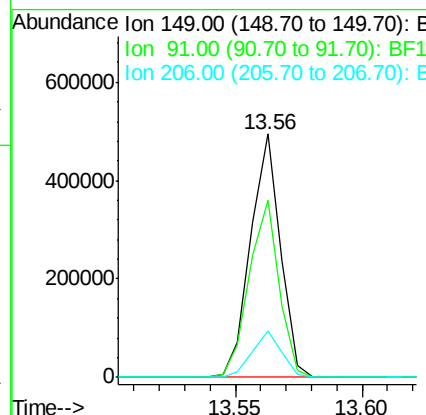
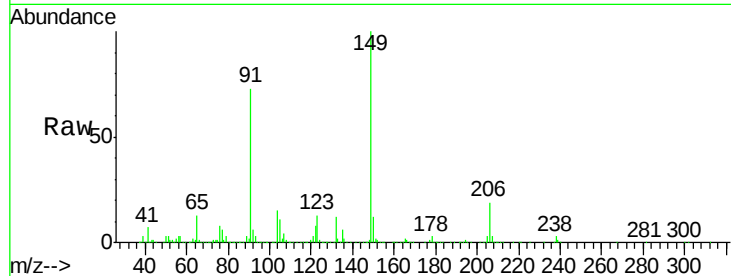
#79
Butylbenzylphthalate
Concen: 42.193 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.8	85.2
206	19.0	14.1	21.1

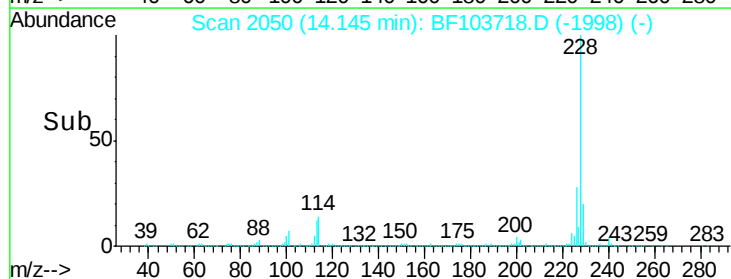
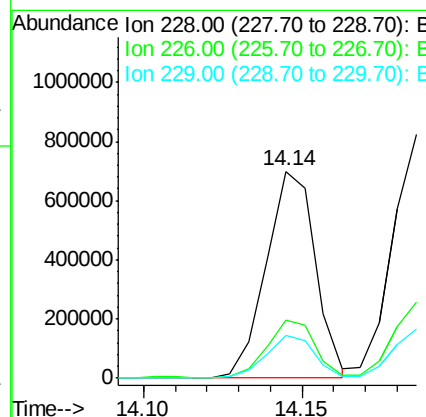
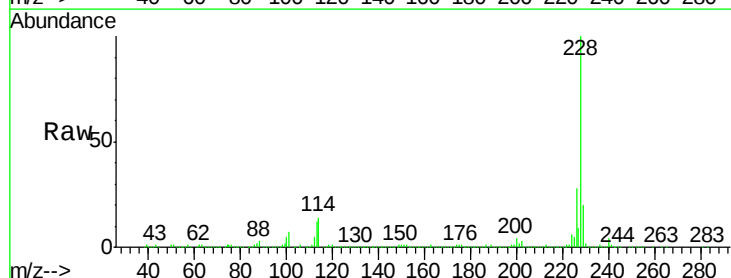
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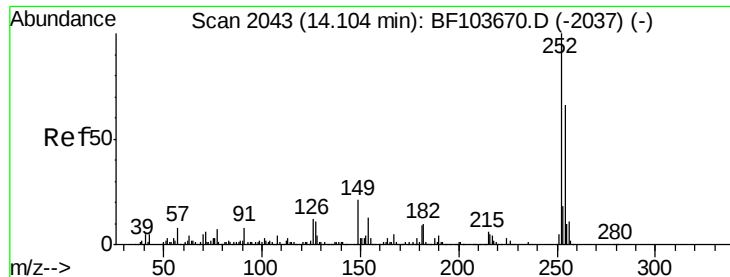
Sohil
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#80
Benzo(a)anthracene
Concen: 40.426 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.4	15.8	23.6





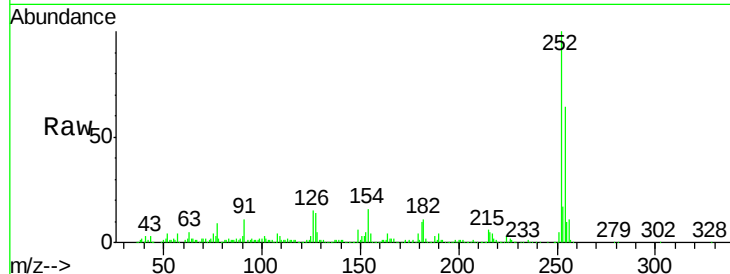
#81
 3,3'-Dichlorobenzidine
 Concen: 39.299 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	244997		
254	64.4		50.4	75.6
126	15.1		11.3	16.9

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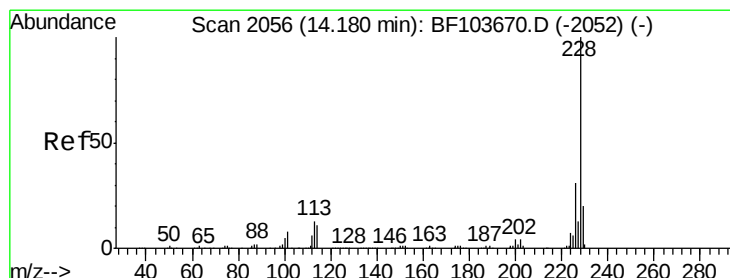
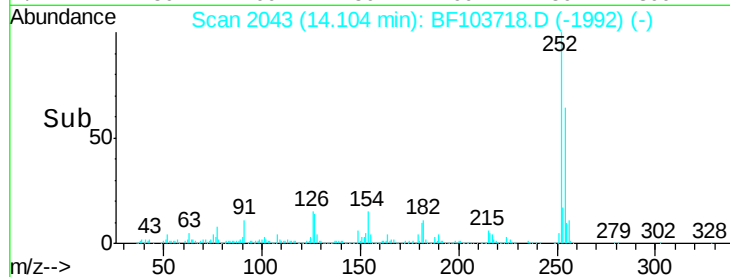
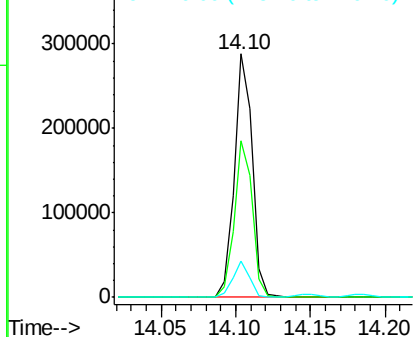


Abundance

Ion 252.00 (251.70 to 252.70): E

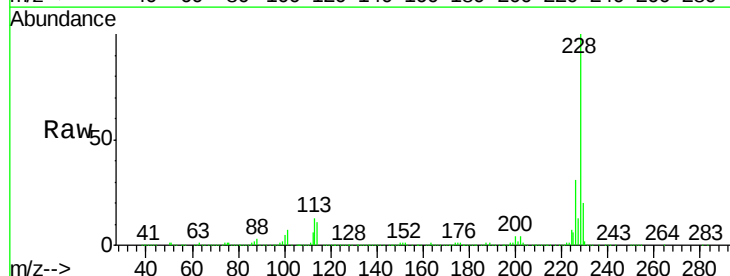
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.101 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	712445		
226	31.0		25.0	37.6
229	20.0		16.2	24.4

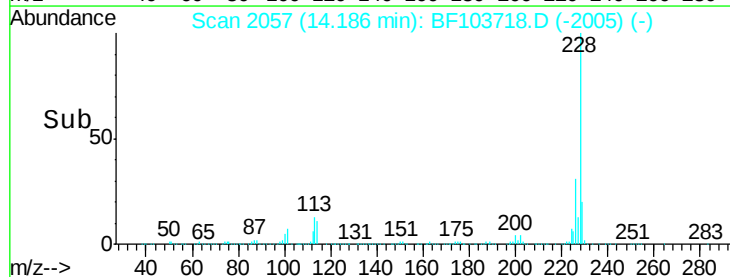
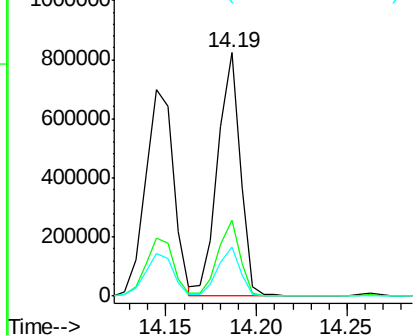


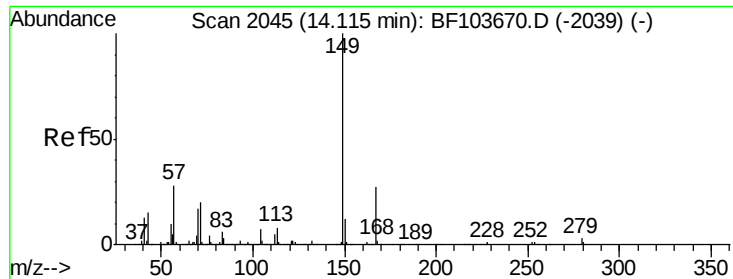
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





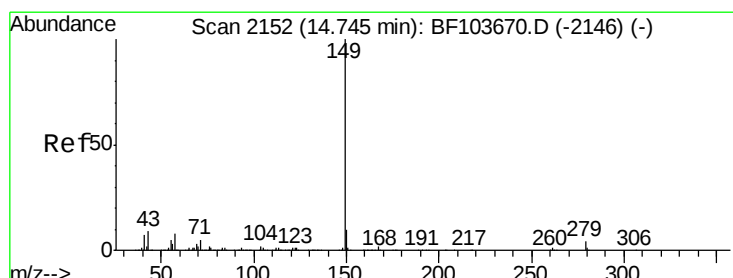
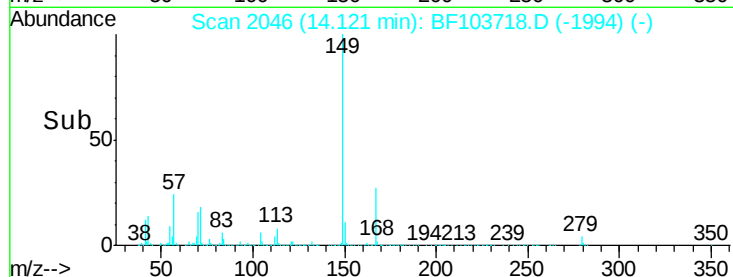
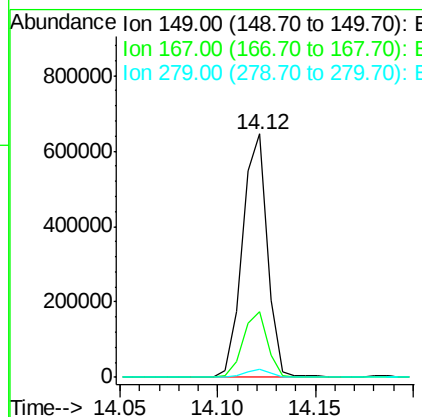
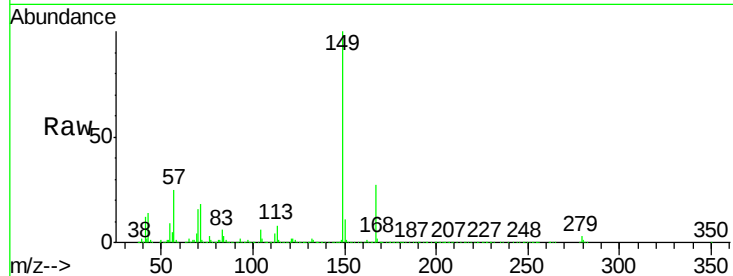
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.520 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.5	3.0	4.4

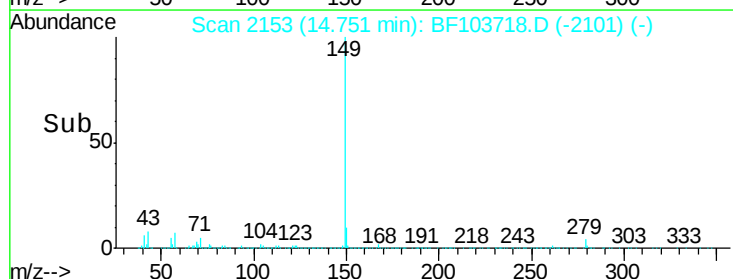
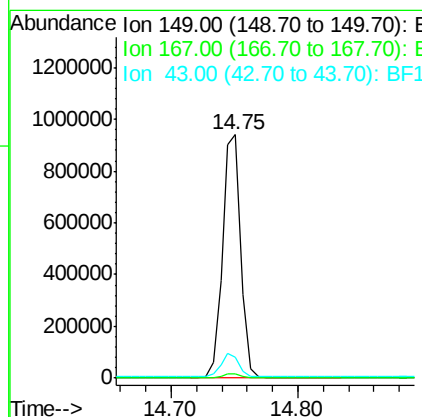
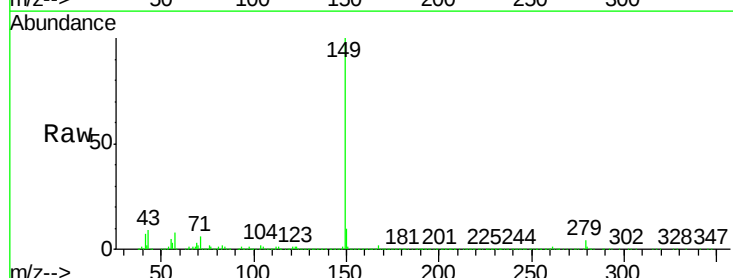
Manual Integrations
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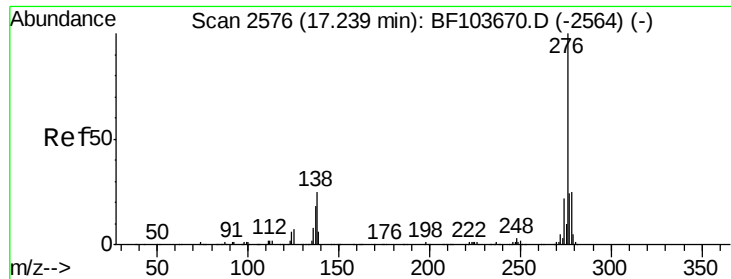
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 47.096 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	8.4	12.6





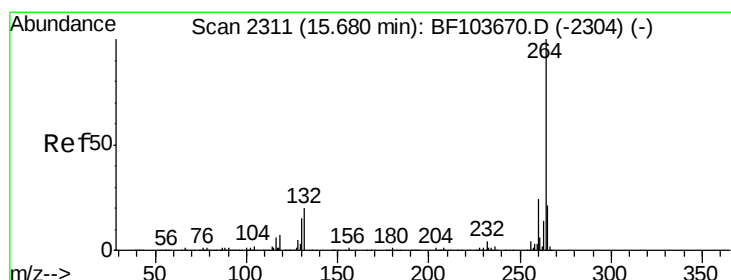
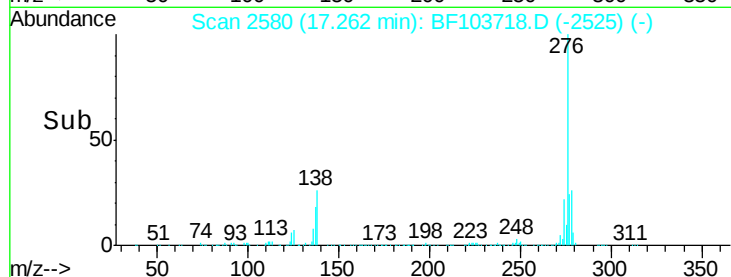
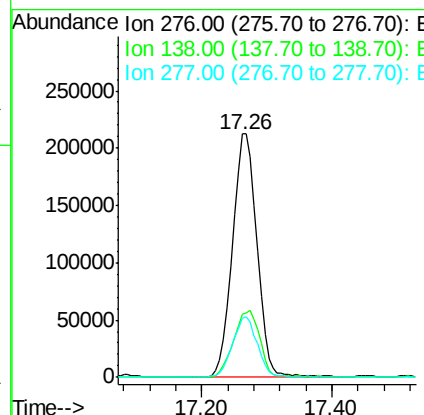
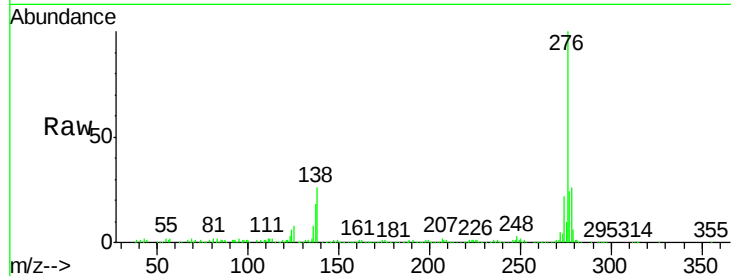
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.525 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. 0.02 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	24.8	20.1	30.1

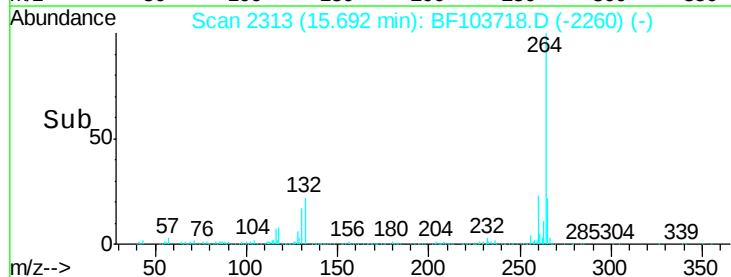
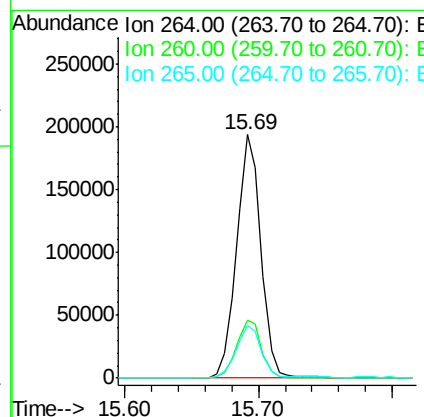
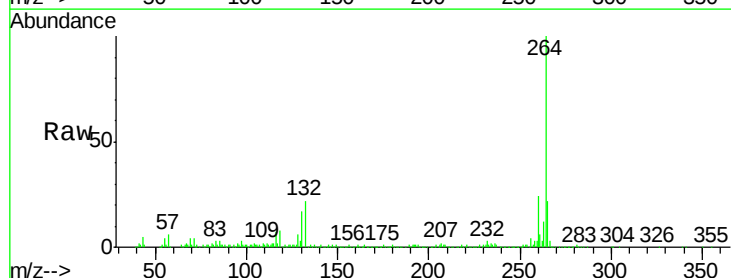
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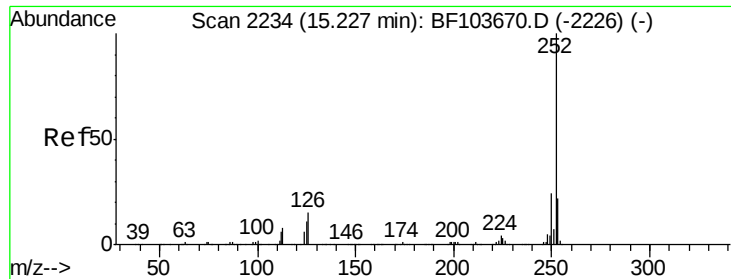
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3





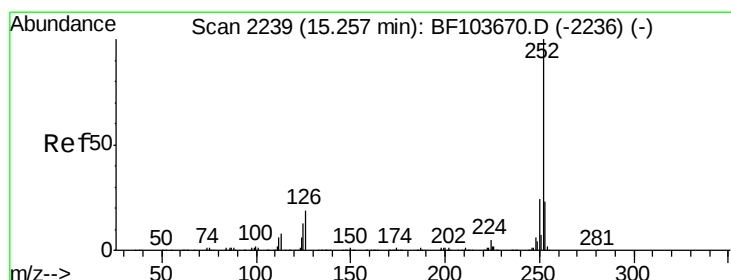
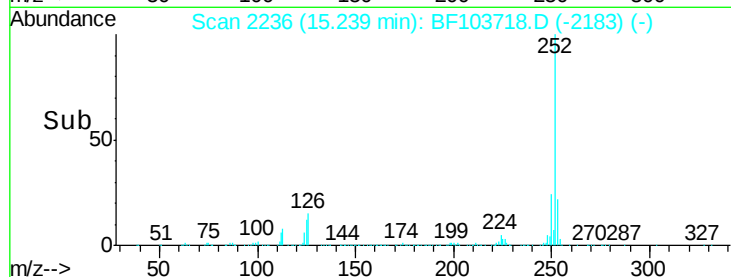
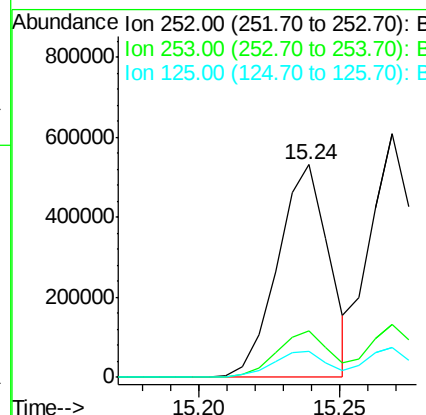
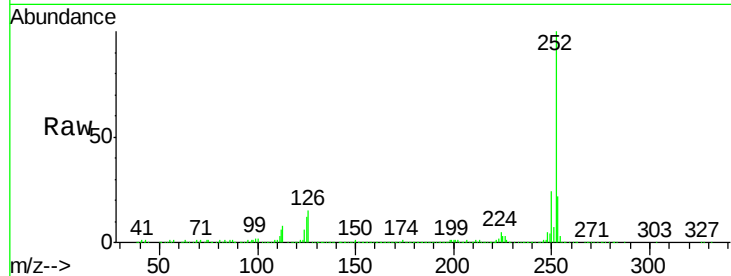
#87
Benzo(b)fluoranthene
Concen: 42.819 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.1	9.0	13.6

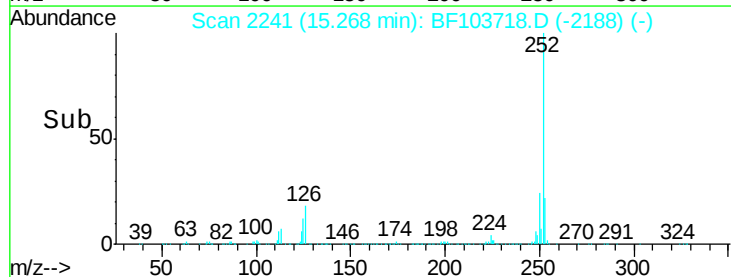
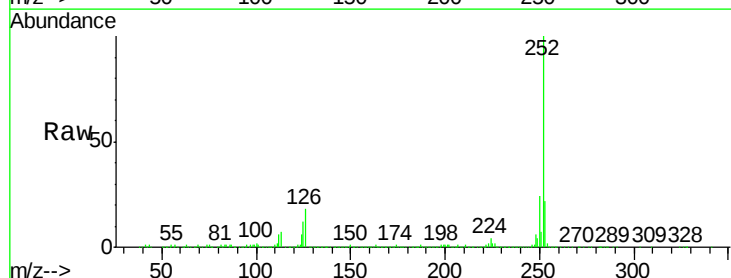
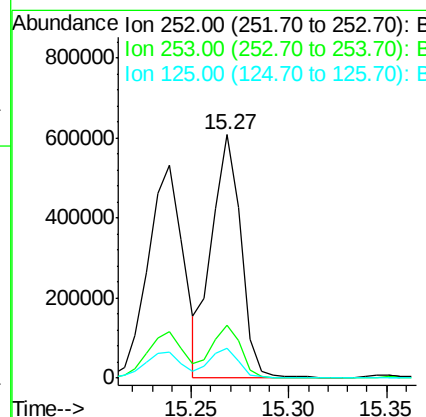
Manual Integrations
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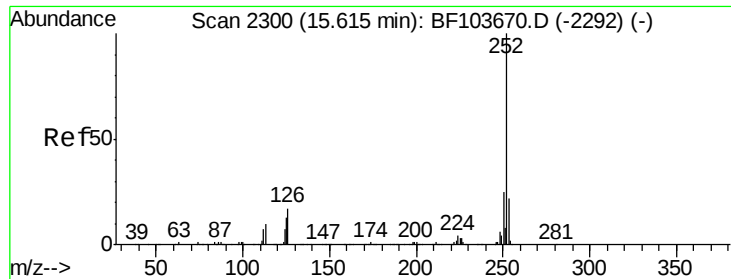
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.791 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.1	10.2	15.2





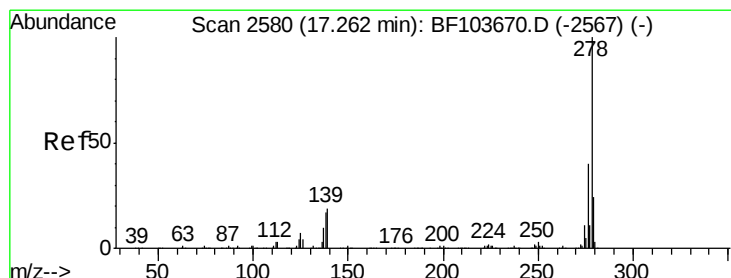
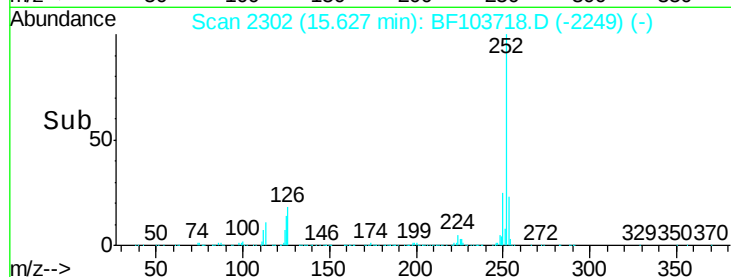
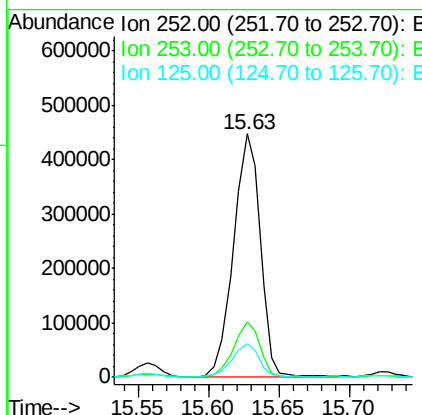
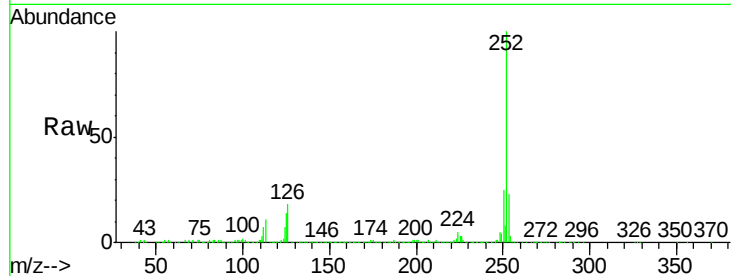
#89
Benzo(a)pyrene
Concen: 41.787 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.9	9.8	14.6

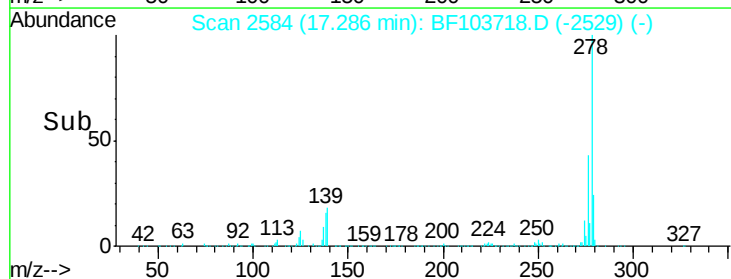
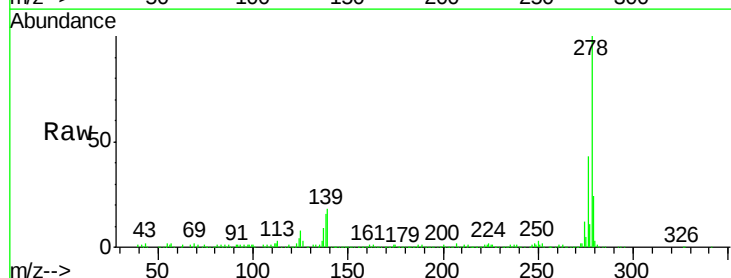
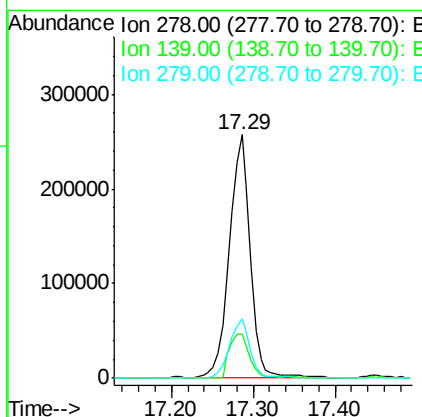
Manual Integrations
APPROVED

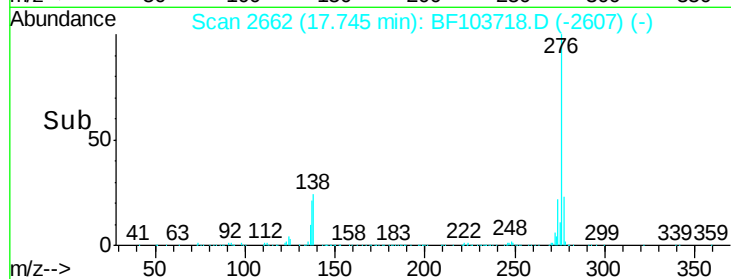
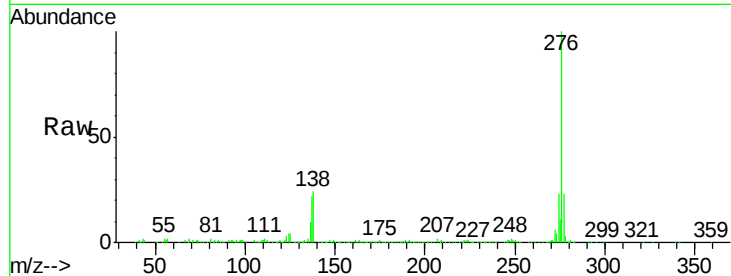
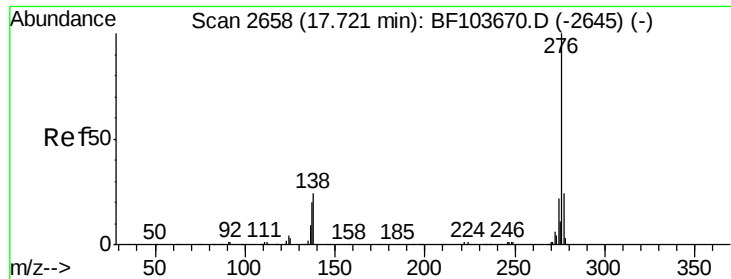
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.877 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 37.254 ng

RT: 17.74 min Scan# 2662

Delta R.T. 0.02 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Tot Ion:	276	Resp:	444148
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	24.4	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

SP-AMS

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