

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103437.D
 Acq On : 6 Mar 2018 3:58
 Operator : SJ/JU
 Sample : J1786-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-24+31-WESTMSD

Manual Integrations
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 3/6/2018 4:24:11 PM

Quant Time: Mar 06 09:15:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116359	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	458037	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	187825	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	287703	20.00	ng	0.00
75) Chrysene-d12	14.07	240	160772	20.00	ng	0.00
86) Perylene-d12	15.58	264	124223	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	669706	87.05	ng	0.00
7) Phenol-d6	6.52	99	777714	82.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	473043	58.98	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	101862	64.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	617582	51.31	ng	0.00
78) Terphenyl-d14	12.99	244	424003	63.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	101171	24.898	ng	92
3) Pyridine	3.48	79	263454	24.286	ng	98
4) n-Nitrosodimethylamine	3.40	42	137838	31.505	ng	98
6) Aniline	6.54	93	181736	13.376	ng	# 31
8) 2-Chlorophenol	6.66	128	242177	30.301	ng	91
9) Benzaldehyde	6.43	77	98902	14.310	ng	95
10) Phenol	6.53	94	316213	28.934	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	243599	29.368	ng	93
12) 1,3-Dichlorobenzene	6.82	146	246901	27.033	ng	97
13) 1,4-Dichlorobenzene	6.89	146	254346	27.776	ng	98
14) 1,2-Dichlorobenzene	7.05	146	231959	27.472	ng	98
15) Benzyl Alcohol	7.02	79	187975	26.498	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	379167	26.620	ng	67
17) 2-Methylphenol	7.13	107	199450	27.461	ng	# 85
18) Hexachloroethane	7.37	117	44766	13.429	ng	90
19) n-Nitroso-di-n-propylamine	7.28	70	184349	31.464	ng	93
20) 3+4-Methylphenols	7.29	107	272060	30.728	ng	# 83
22) Acetophenone	7.28	105	345310	32.298	ng	# 94
24) Nitrobenzene	7.46	77	268366	30.391	ng	93
25) Isophorone	7.69	82	477780	30.246	ng	96
26) 2-Nitrophenol	7.77	139	78670	18.924	ng	93
27) 2,4-Dimethylphenol	7.81	122	213841	33.653	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	299052	32.200	ng	97
29) 2,4-Dichlorophenol	8.03	162	184407	30.312	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	173932	26.848	ng	97
31) Naphthalene	8.18	128	636375	28.378	ng	99
32) Benzoic acid	7.92	122	25986m	11.632	ng	
33) 4-Chloroaniline	8.23	127	135820	14.036	ng	# 94
34) Hexachlorobutadiene	8.29	225	86119	25.528	ng	98
35) Caprolactam	8.60	113	60971	28.516	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	204218	29.761	ng	95
37) 2-Methylnaphthalene	8.87	142	403056	27.811	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	143694	27.985	ng	98
42) 2,4,6-Trichlorophenol	9.16	196	102479	29.661	ng	98

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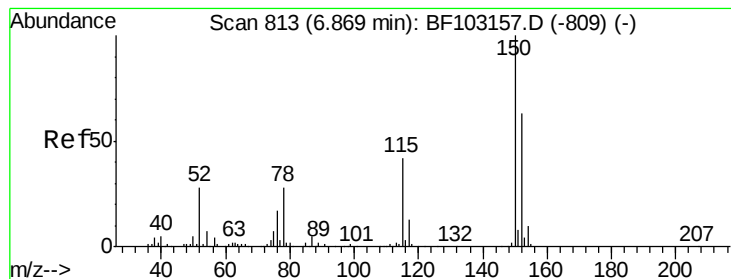
Manual Integrations
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Quant Time: Mar 06 09:15:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	106111	26.703	ng	98
45) 1,1'-Biphenyl	9.33	154	465643	29.586	ng	98
46) 2-Chloronaphthalene	9.36	162	351573	28.235	ng	99
47) 2-Nitroaniline	9.47	65	170607	36.990	ng	85
48) Acenaphthylene	9.78	152	527855	27.553	ng	99
49) Dimethylphthalate	9.63	163	473861	31.449	ng	100
50) 2,6-Dinitrotoluene	9.70	165	69441	21.961	ng #	87
51) Acenaphthene	9.95	154	308699	27.633	ng	99
52) 3-Nitroaniline	9.88	138	124900	31.134	ng	95
54) Dibenzofuran	10.12	168	447327	29.170	ng	96
55) 4-Nitrophenol	10.06	139	105767	42.539	ng #	86
56) 2,4-Dinitrotoluene	10.12	165	73955	18.493	ng #	57
57) Fluorene	10.47	166	335136	25.654	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	69057	25.869	ng #	94
59) Diethylphthalate	10.33	149	421658	29.260	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	150292	27.130	ng	95
61) 4-Nitroaniline	10.50	138	123801	30.897	ng	99
62) Azobenzene	10.62	77	373857	25.487	ng	97
65) n-Nitrosodiphenylamine	10.57	169	298740	29.822	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	80864	26.982	ng	98
67) Hexachlorobenzene	11.02	284	80598	24.777	ng	99
68) Atrazine	11.10	200	70019	23.255	ng	96
69) Pentachlorophenol	11.22	266	49374	31.391	ng	97
70) Phenanthrene	11.43	178	493512	31.169	ng	99
71) Anthracene	11.49	178	473074	29.137	ng	100
72) Carbazole	11.65	167	445915	27.580	ng	99
73) Di-n-butylphthalate	11.96	149	845930	41.813	ng	99
74) Fluoranthene	12.63	202	520456	32.711	ng	98
76) Benzidine	12.75	184	217844	36.244	ng	99
77) Pyrene	12.86	202	539786	43.063	ng	100
79) Butylbenzylphthalate	13.46	149	222786	33.640	ng	94
80) Benzo(a)anthracene	14.06	228	369077	35.381	ng	98
81) 3,3'-Dichlorobenzidine	14.02	252	100626	27.030	ng	99
82) Chrysene	14.10	228	350419	34.597	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	304150	34.033	ng #	98
84) Di-n-octyl phthalate	14.64	149	464432	32.164	ng	96
85) Indeno(1,2,3-cd)pyrene	17.13	276	243846	30.410	ng	98
87) Benzo(b)fluoranthene	15.14	252	296190	36.264	ng	96
88) Benzo(k)fluoranthene	15.17	252	248355	32.291	ng	99
89) Benzo(a)pyrene	15.52	252	281052	38.534	ng	96
90) Dibenzo(a,h)anthracene	17.14	278	178693	31.706	ng	97
91) Benzo(g,h,i)perylene	17.60	276	215861	39.189	ng	96

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



#1

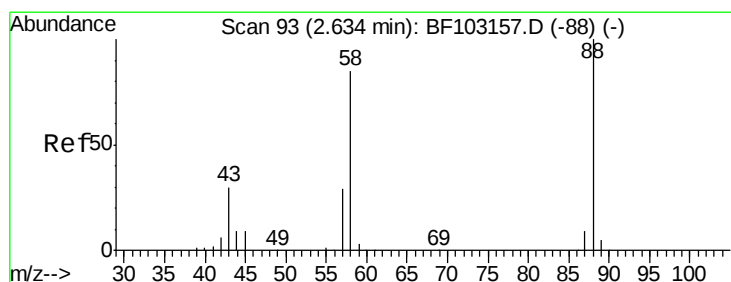
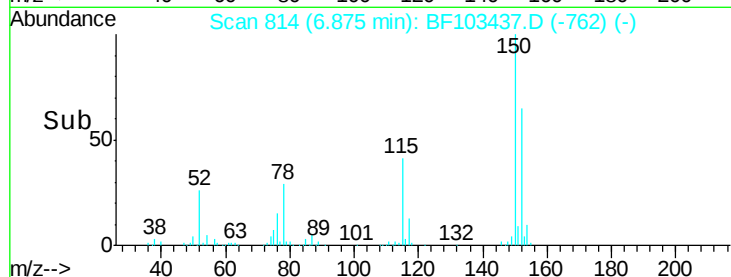
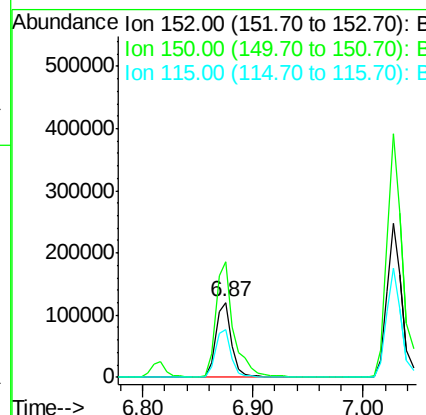
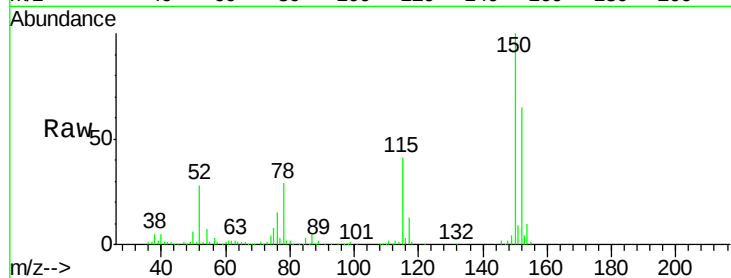
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	63.6	50.1	75.1

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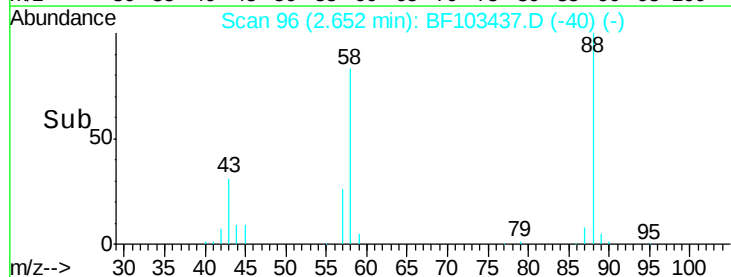
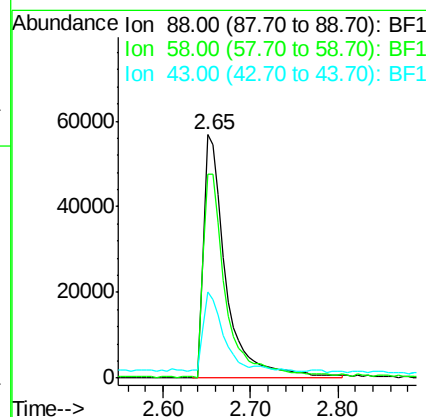
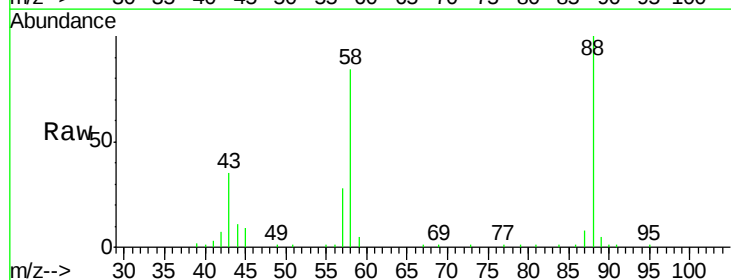
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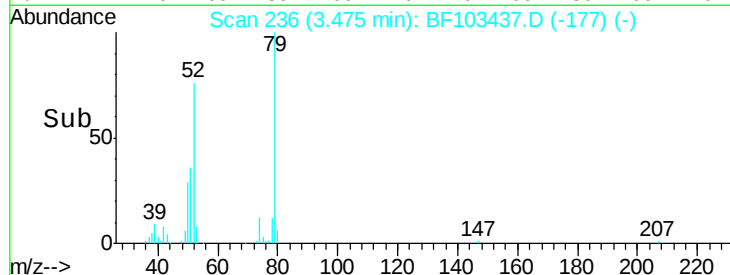
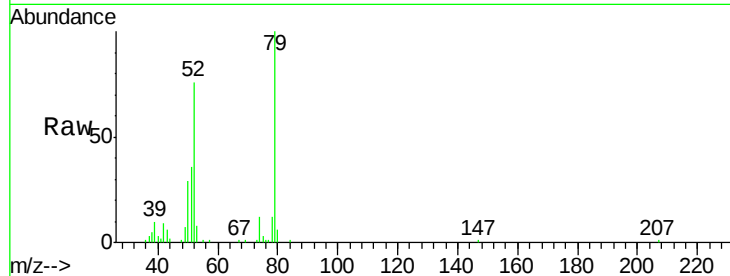


#2

1,4-Dioxane
Concen: 24.898 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.03 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	62.6	93.8
43	30.9	24.6	37.0





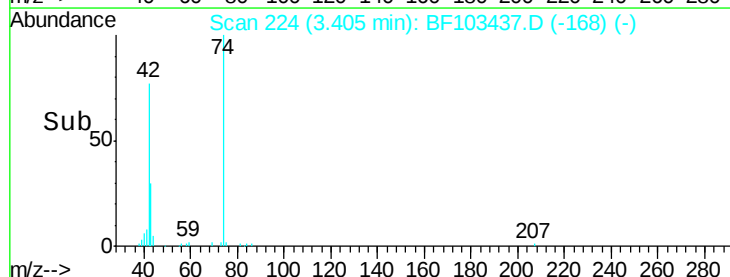
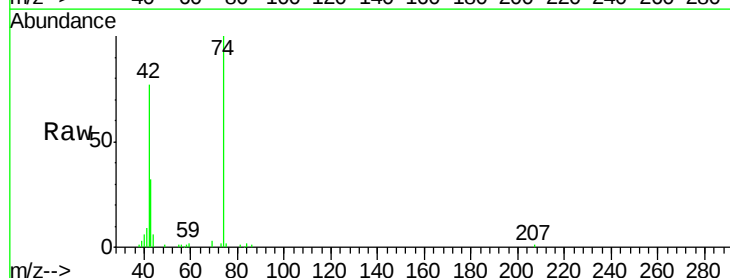
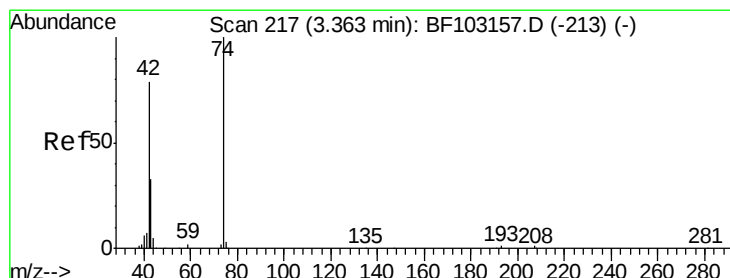
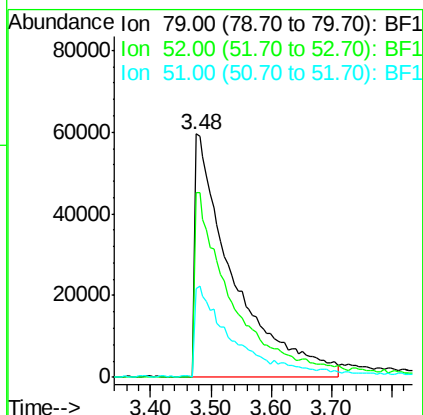
#3
 Pvridine
 Concen: 24.286 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.05 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tot Ion:	79	Resp:	263454
Ion Ratio	Lower	Upper	
79	100		
52	76.0	59.8	89.6
51	36.3	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-24+31-WESTMSD

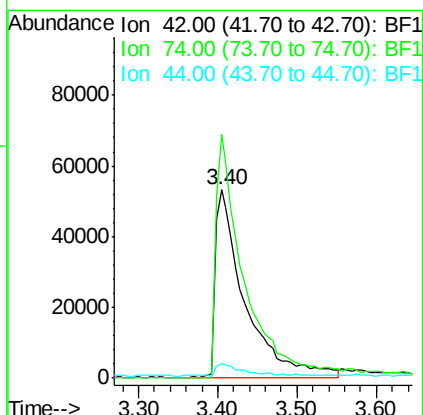
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 31.505 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.03 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion:	42	Resp:	137838
Ion Ratio	Lower	Upper	
42	100		
74	129.4	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 87.048 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

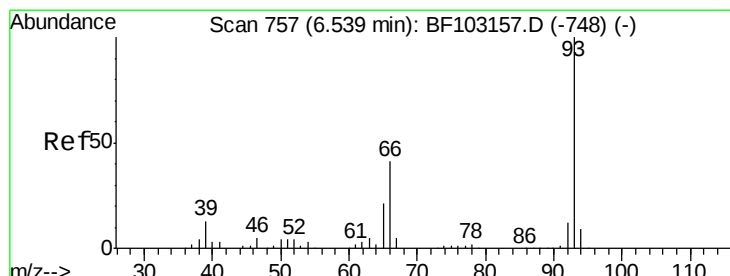
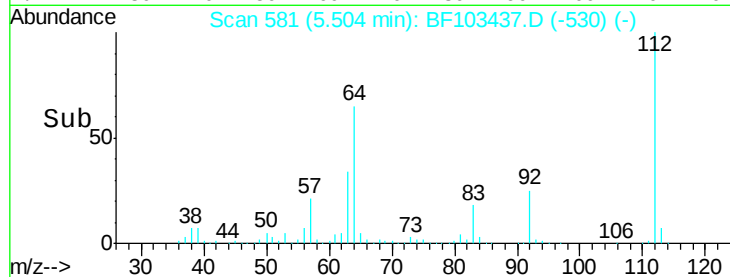
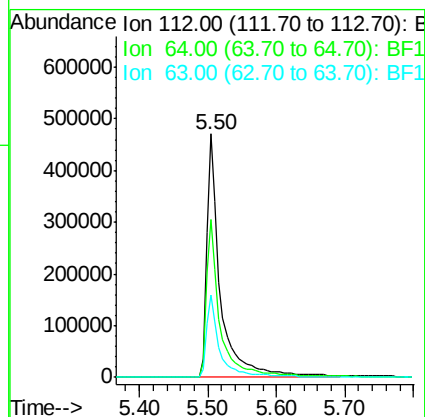
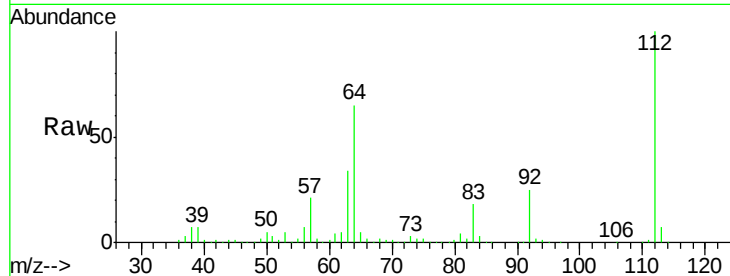
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	112	Resp:	669706
Ion Ratio	Lower	Upper	
112	100		
64	65.0	47.9	71.9
63	34.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 13.376 ng

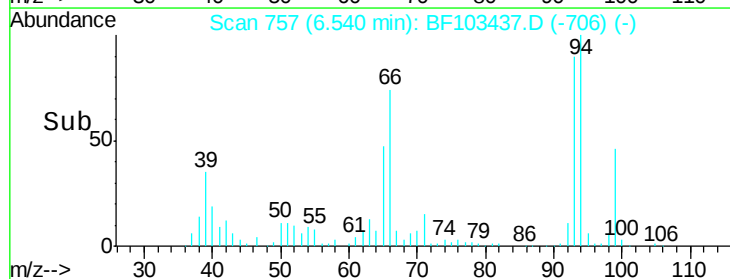
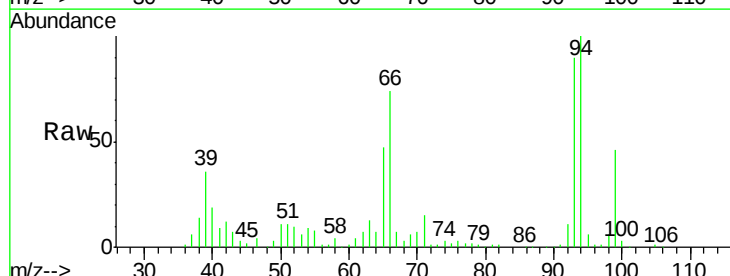
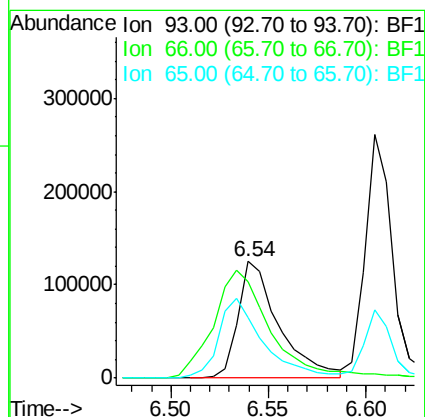
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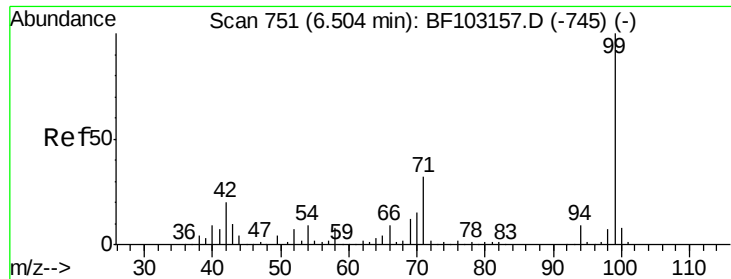
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	93	Resp:	181736
Ion Ratio	Lower	Upper	
93	100		
66	82.6	32.2	48.2#
65	52.5	16.4	24.6#





#7

Phenol-d6

Concen: 82.611 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

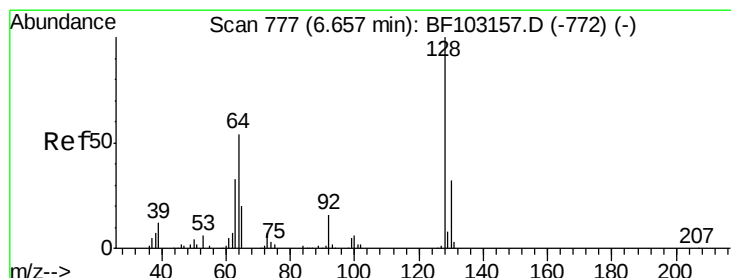
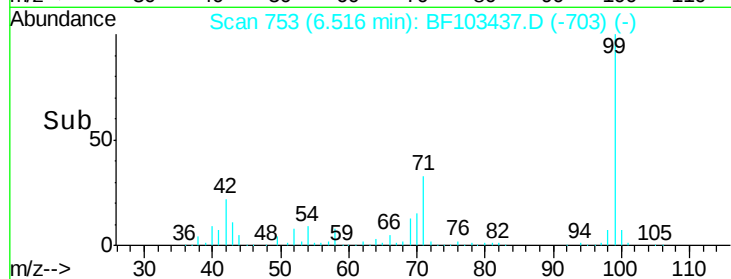
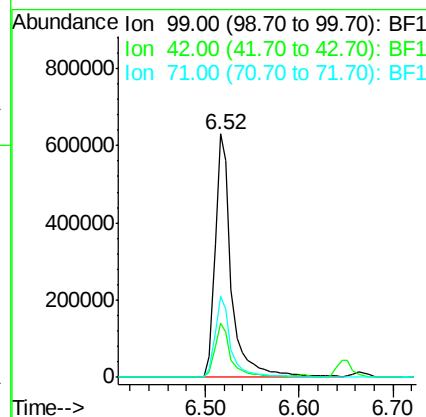
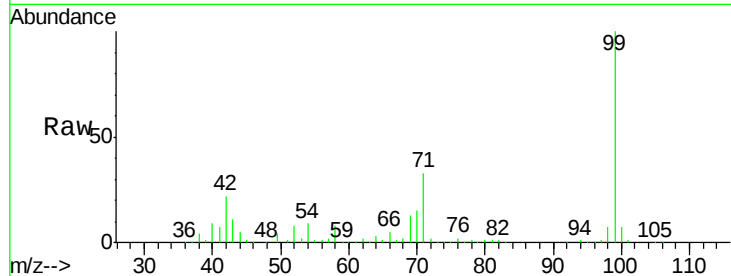
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	99	Resp:	777714
Ion Ratio	Lower	Upper	
99	100		
42	22.4	14.5	21.7#
71	33.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 30.301 ng

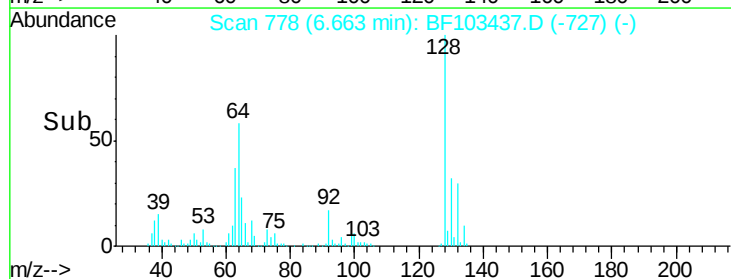
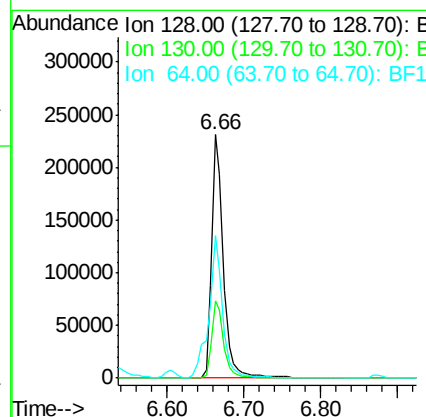
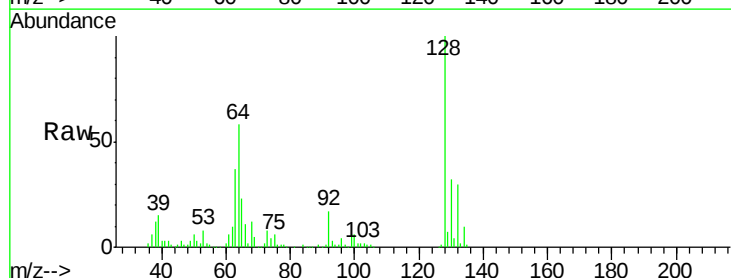
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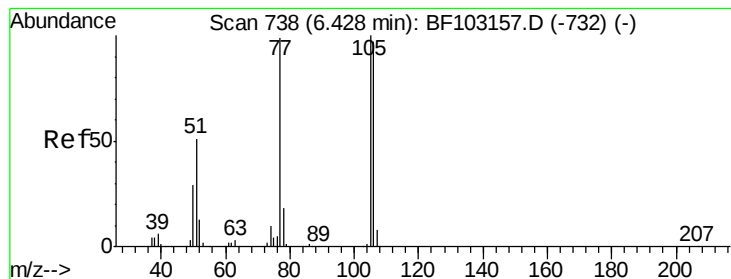
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	128	Resp:	242177
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	58.4	29.4	69.4





#9

Benzaldehyde

Concen: 14.310 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

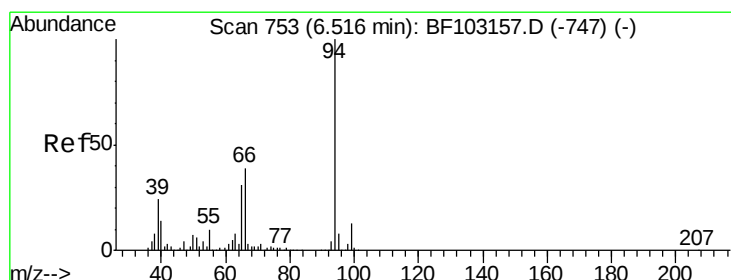
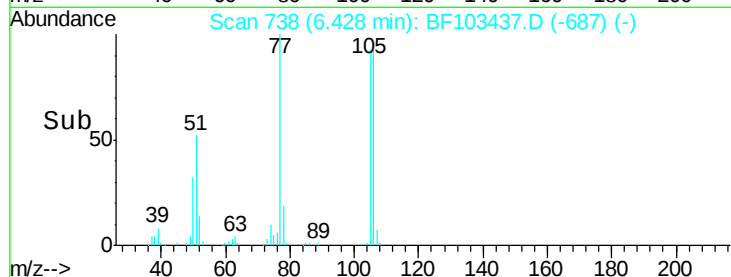
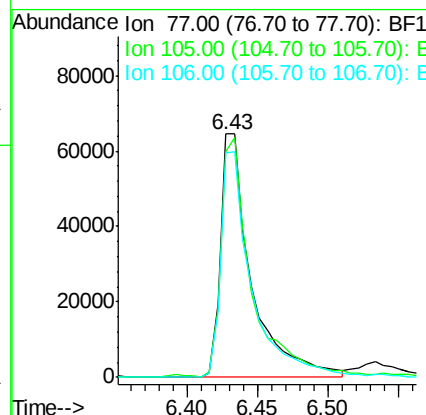
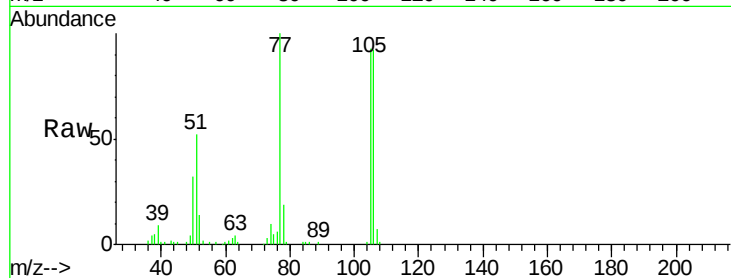
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.7	81.1	121.1
106	92.3	74.5	114.5

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#10

Phenol

Concen: 28.934 ng

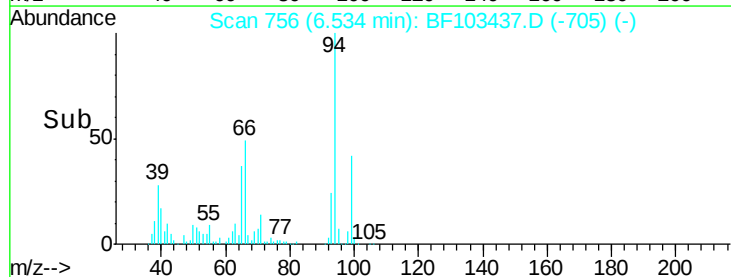
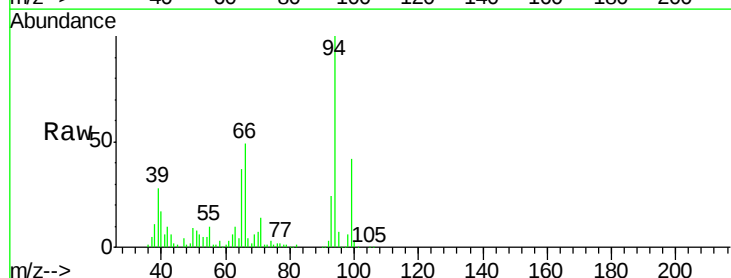
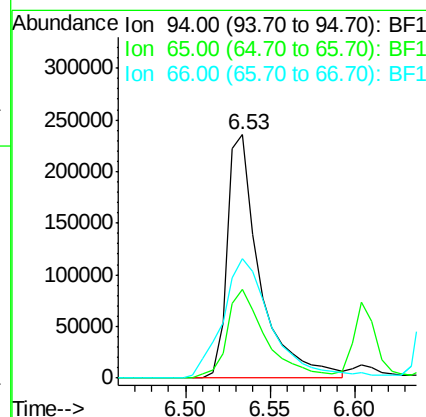
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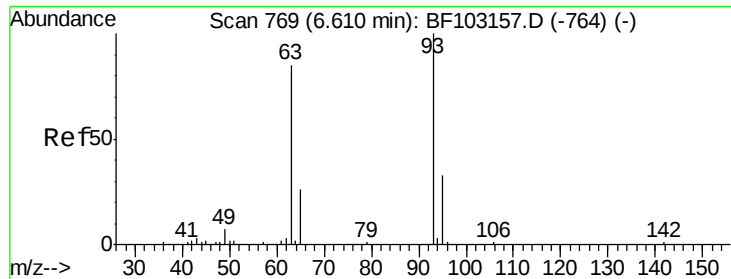
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.6	7.9	47.9
66	49.0	16.2	56.2





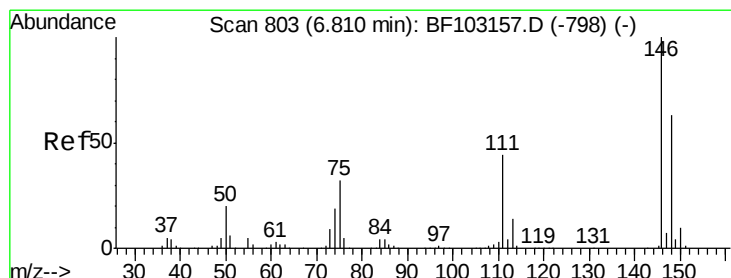
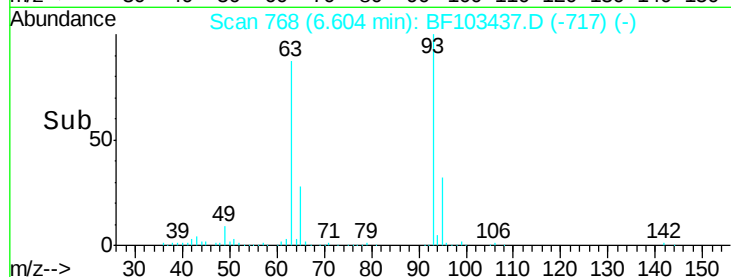
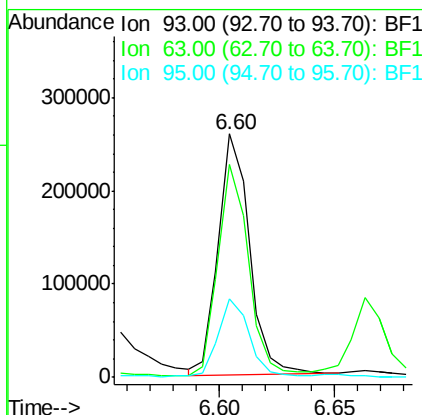
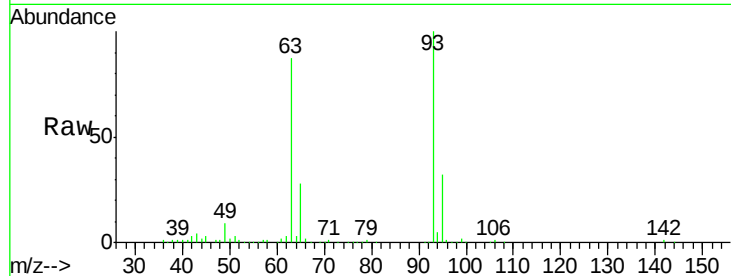
#11
bis(2-Chloroethyl)ether
Concen: 29.368 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.2	58.6	98.6
95	32.5	11.8	51.8

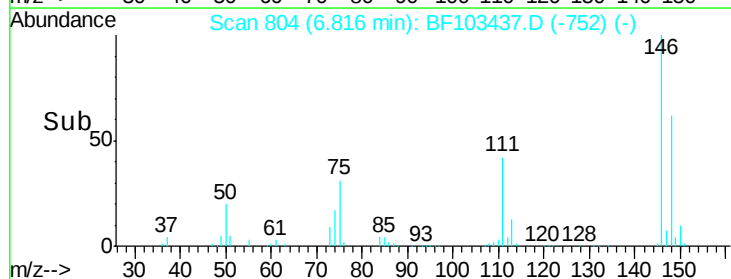
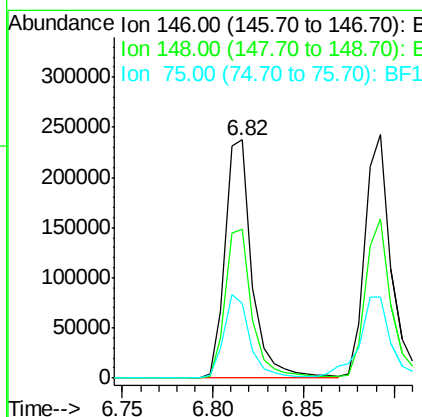
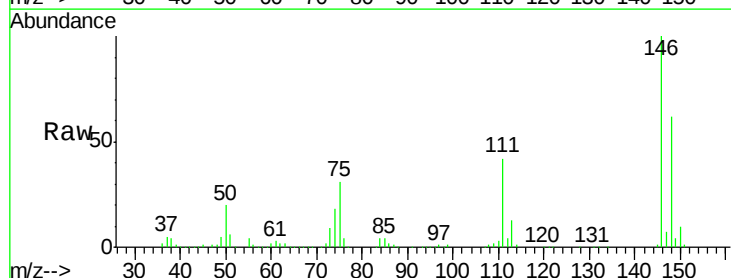
Manual Integrations
APPROVED

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#12
1,3-Dichlorobenzene
Concen: 27.033 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.8
75	31.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 27.776 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

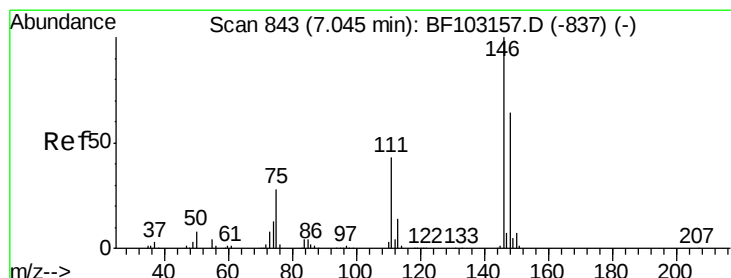
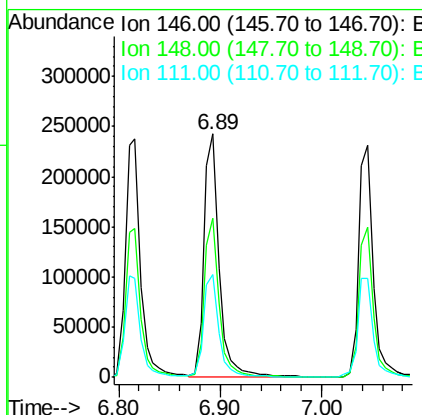
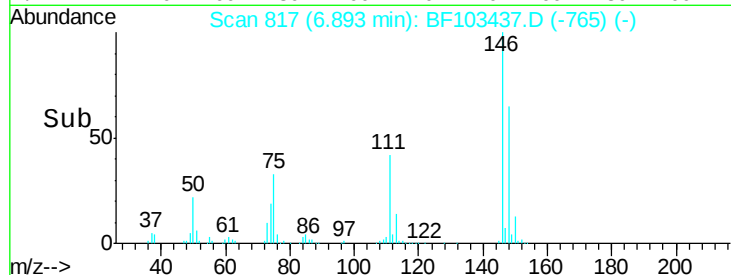
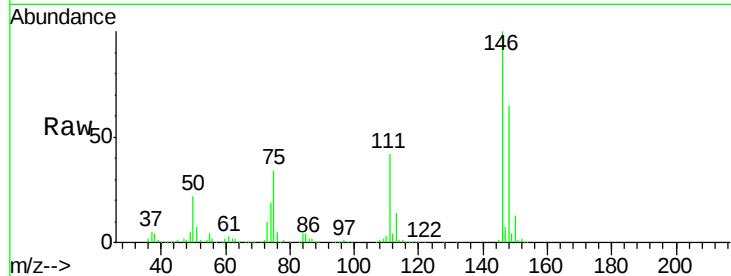
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	146	Resp:	254346
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.8	76.2
111	42.3	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 27.472 ng

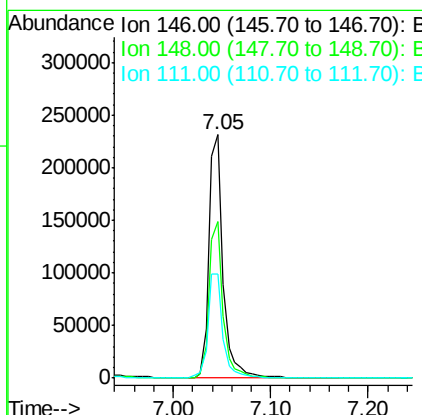
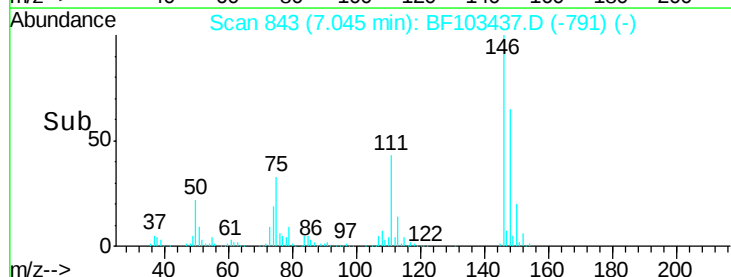
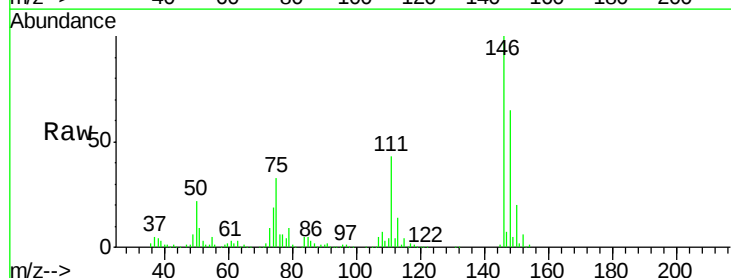
RT: 7.05 min Scan# 843

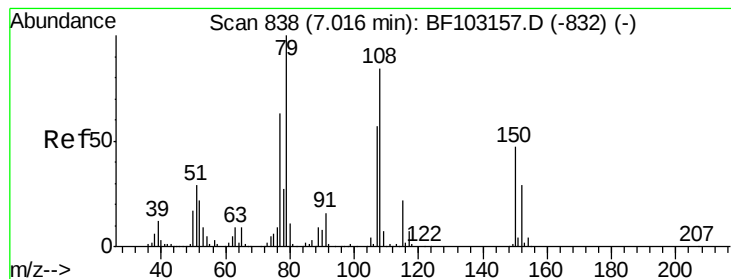
Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	146	Resp:	231959
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 26.498 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

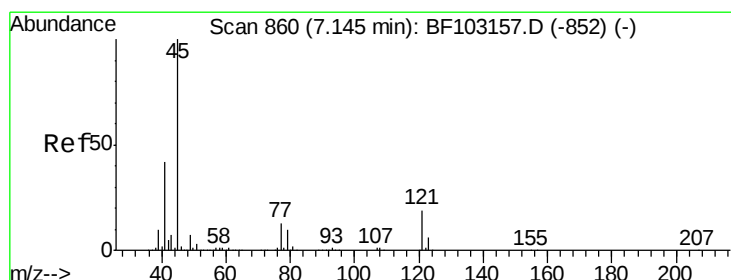
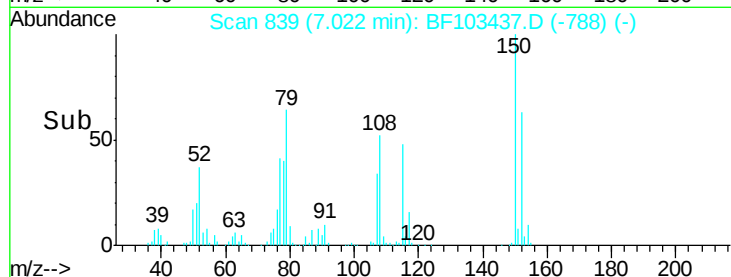
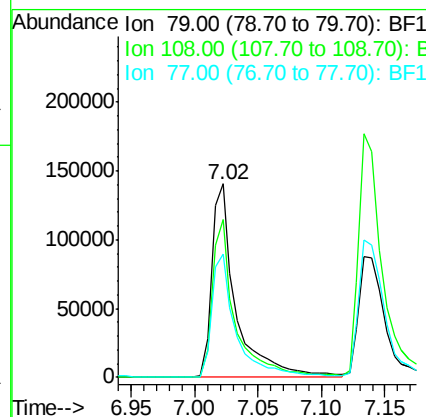
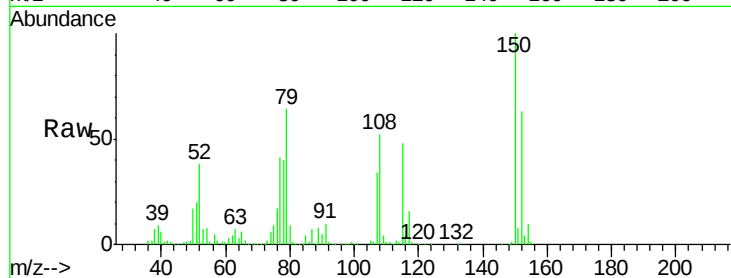
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	79	Resp:	187975
Ion Ratio	Lower	Upper	
79	100		
108	81.8	65.1	97.7
77	64.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.620 ng

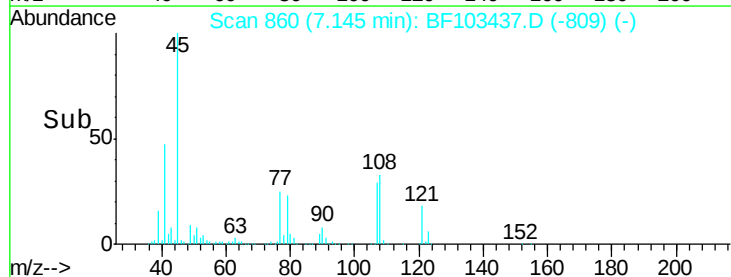
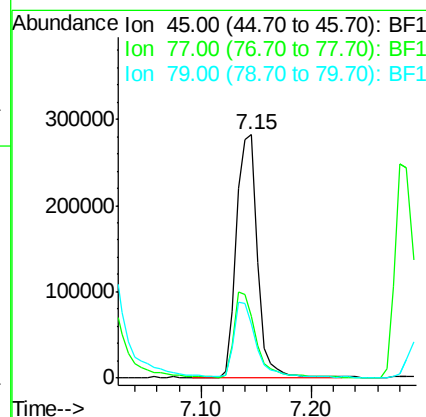
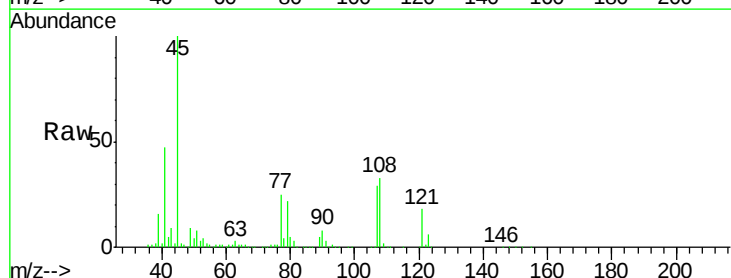
RT: 7.15 min Scan# 860

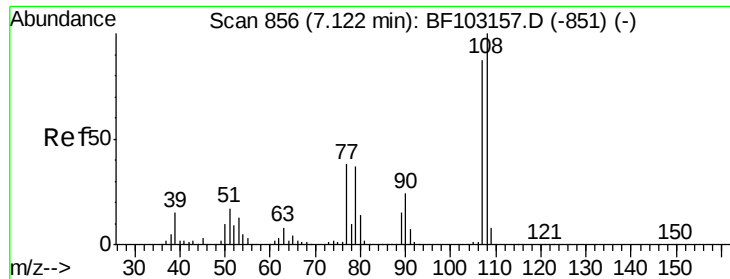
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	45	Resp:	379167
Ion Ratio	Lower	Upper	
45	100		
77	25.3	0.0	32.9
79	22.5	0.0	29.6





#17

2-Methylphenol

Concen: 27.461 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

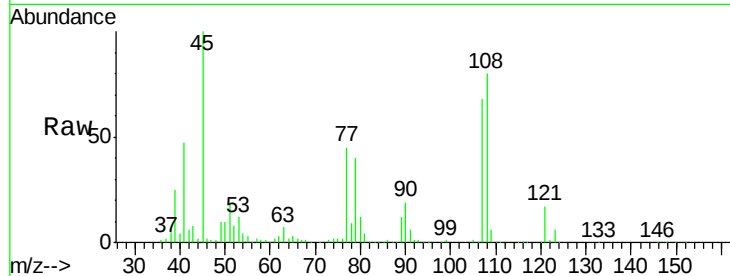
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

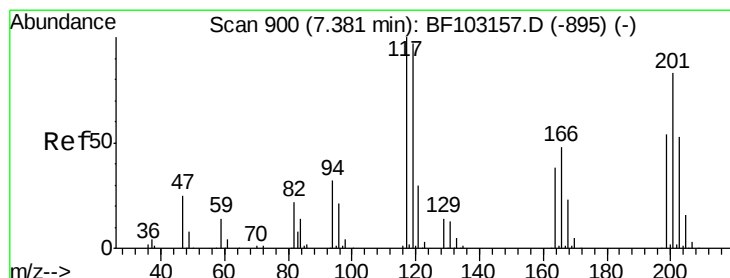
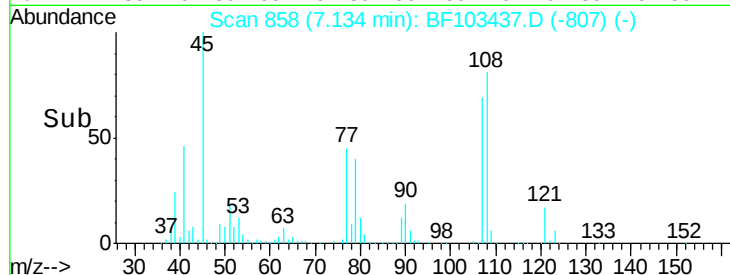
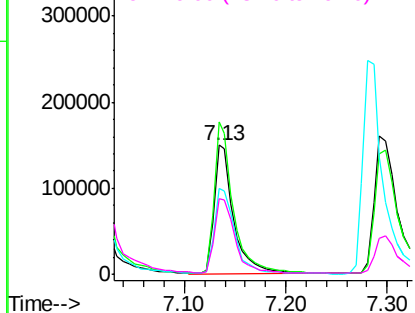
Tot Ion:	107	Resp:	199450
Ion Ratio	Lower	Upper	
107	100		
108	117.8	91.7	137.5
77	66.2	33.8	50.8#
79	58.6	33.8	50.8#

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



#18

Hexachloroethane

Concen: 13.429 ng

RT: 7.37 min Scan# 899

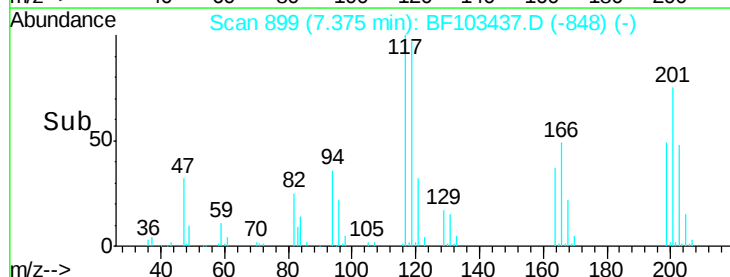
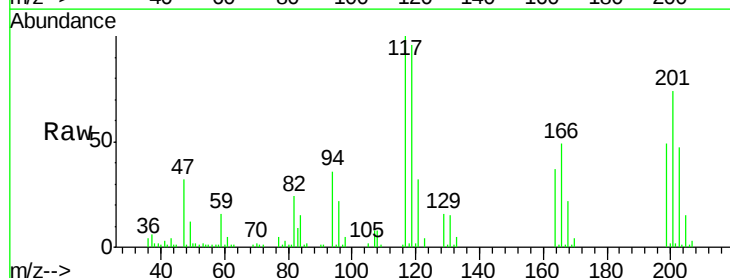
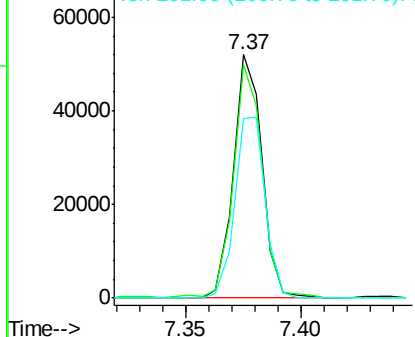
Delta R.T. 0.00 min

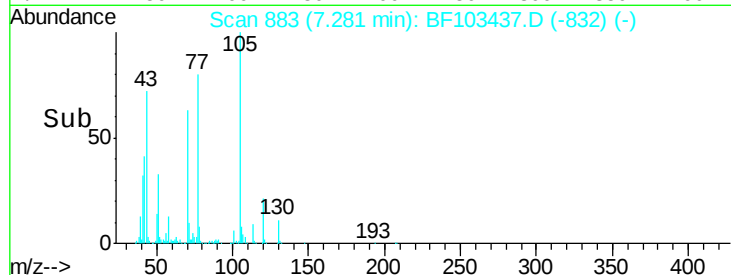
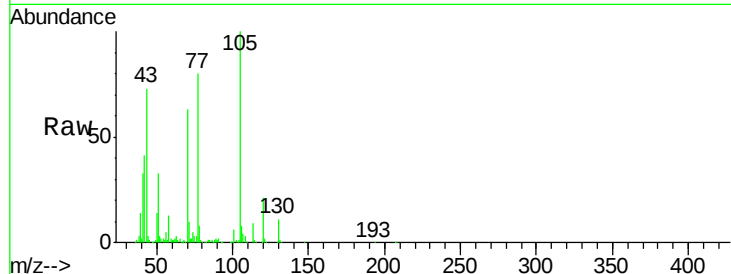
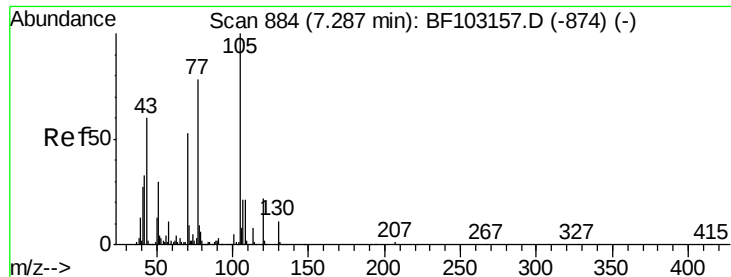
Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	117	Resp:	44766
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.8	113.8
201	76.0	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





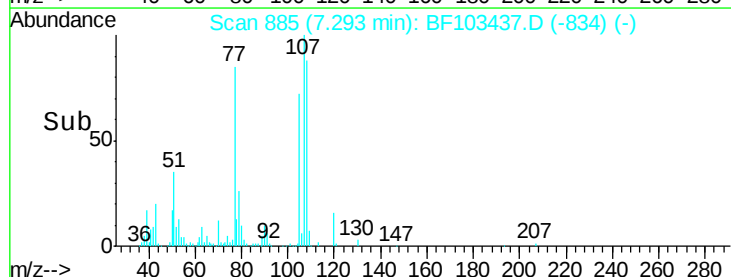
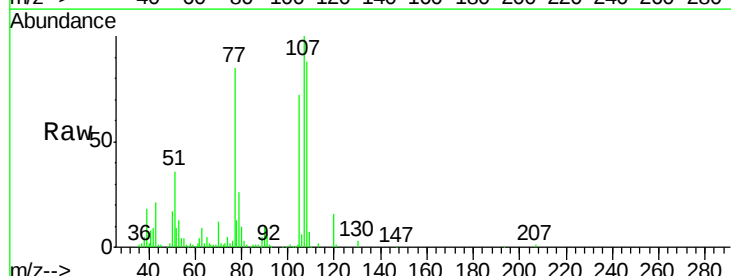
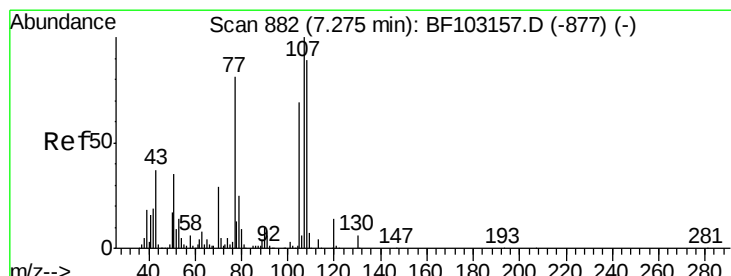
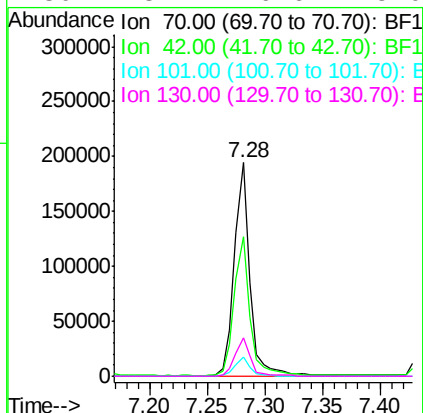
#19
n-Nitroso-di-n-propylamine
Concen: 31.464 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.2	47.5	71.3	
101	8.9	7.4	11.2	
130	18.2	16.6	25.0	

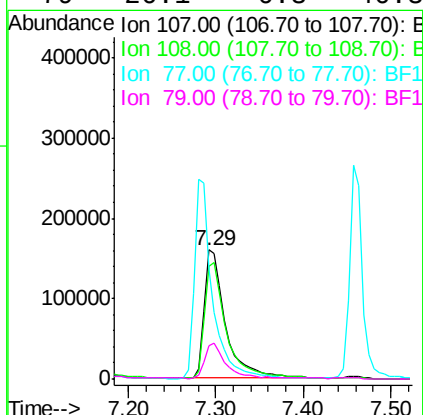
Manual Integrations
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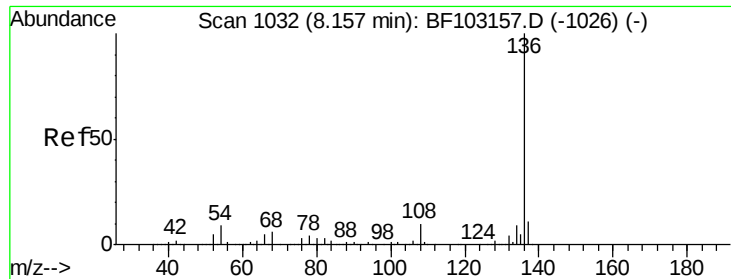
Sohil
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#20
3+4-Methylphenols
Concen: 30.728 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	68.2	108.2	
77	85.3	26.7	66.7#	
79	26.1	6.3	46.3	





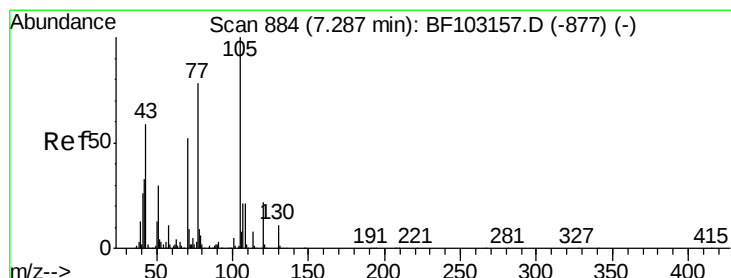
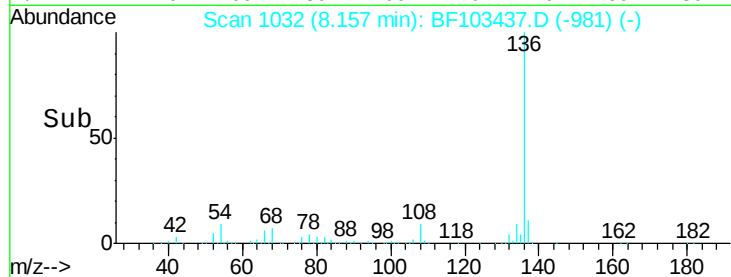
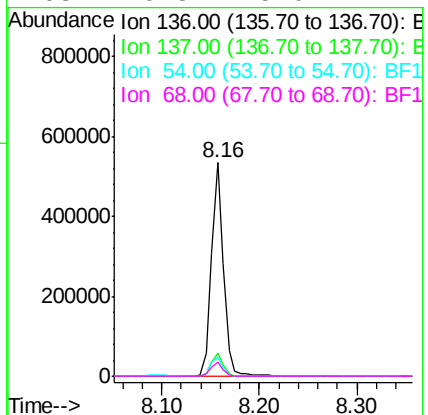
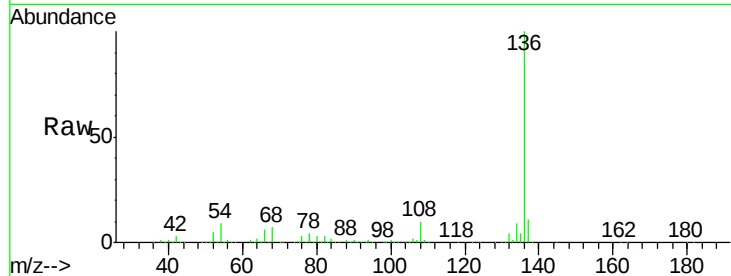
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		458037		
137	10.9		8.9	13.3	
54	9.0		6.6	9.8	
68	6.8		5.0	7.4	

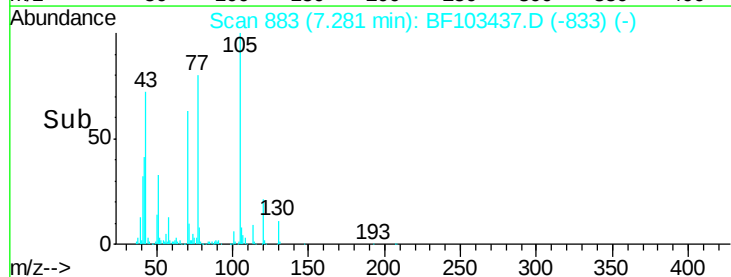
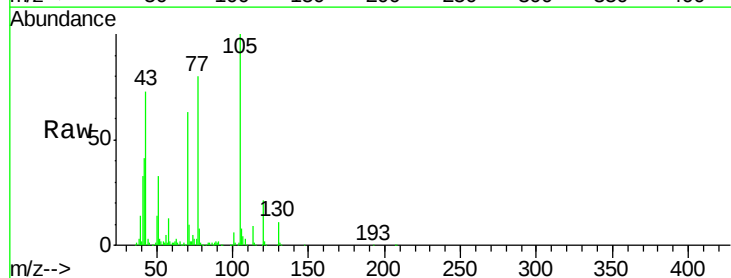
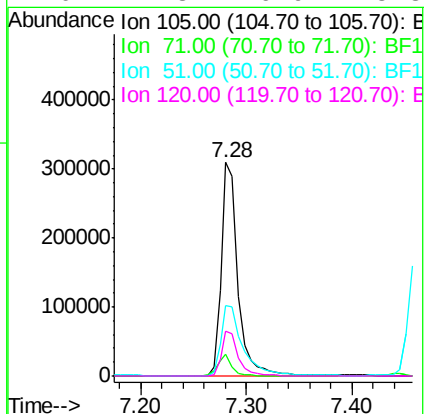
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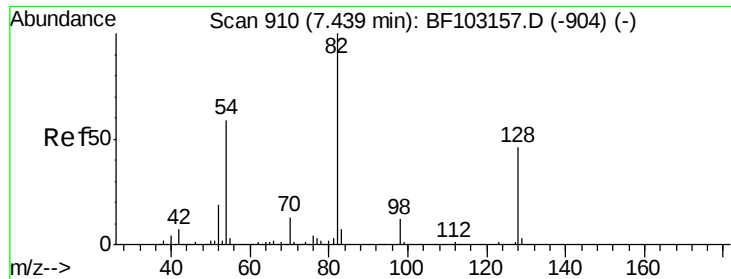
Sohil
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#22
Acetophenone
Concen: 32.298 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		345310		
71	10.5		4.4	6.6#	
51	32.7		22.3	33.5	
120	21.3		16.9	25.3	





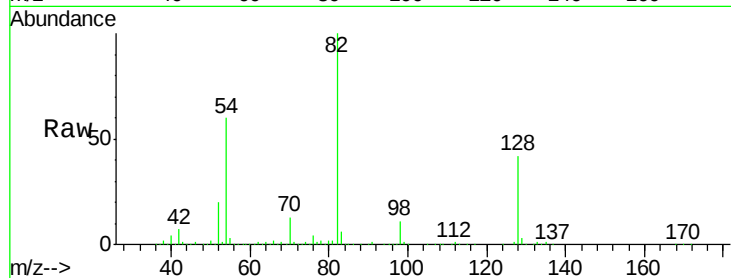
#23
Nitrobenzene-d5
Concen: 58.979 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

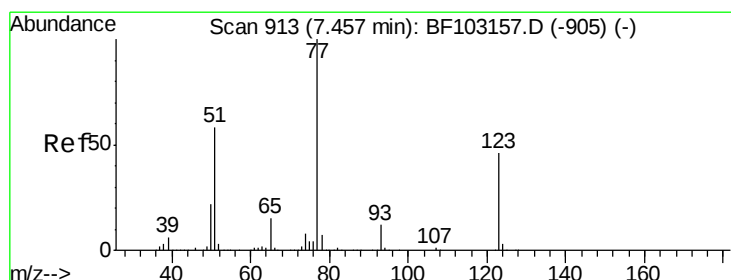
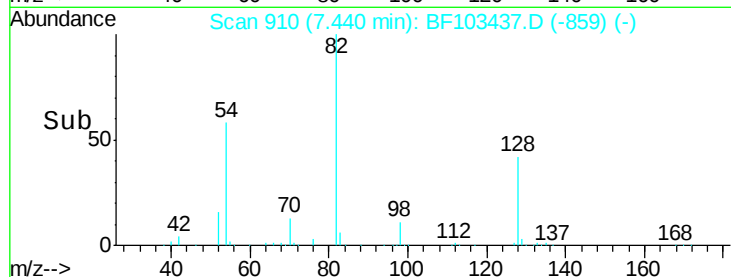
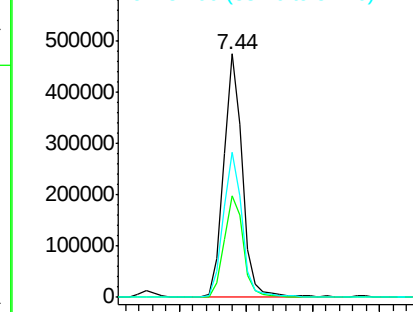
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	59.5	41.4	62.2

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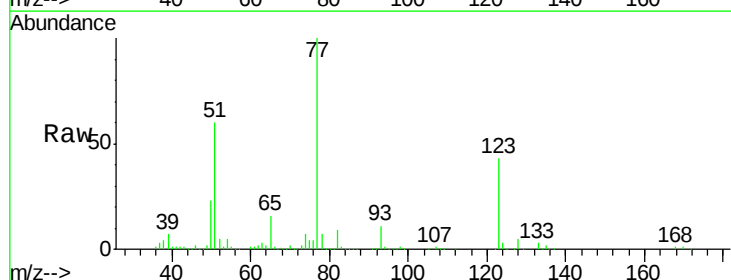


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

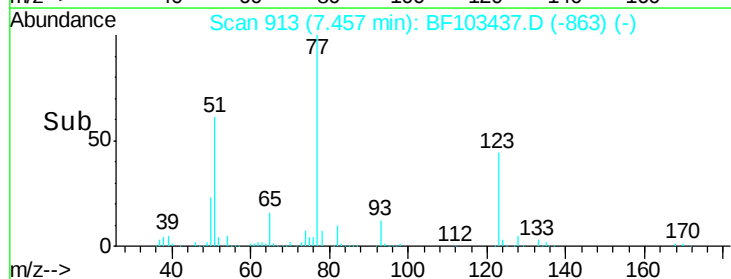
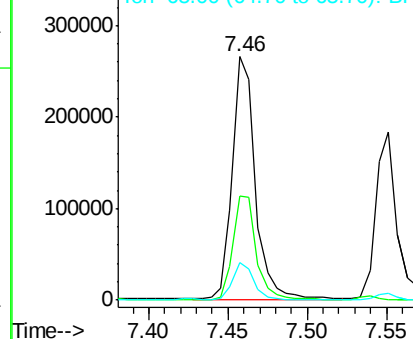


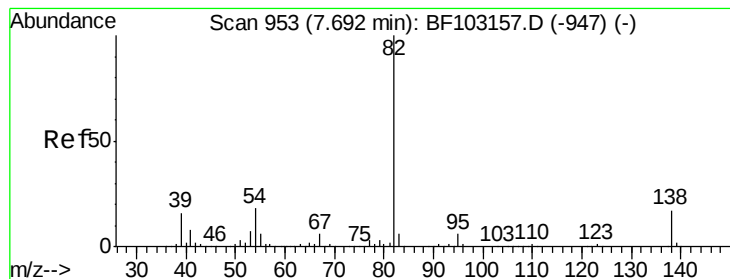
#24
Nitrobenzene
Concen: 30.391 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	37.9	56.9
65	15.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 30.246 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

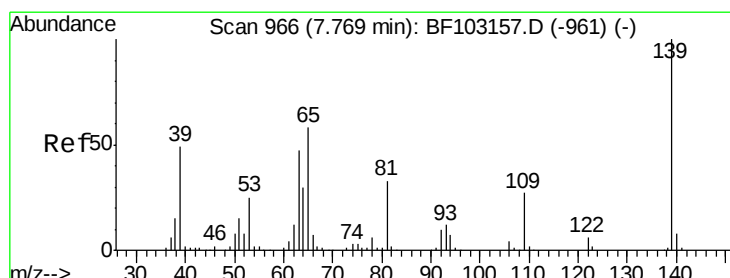
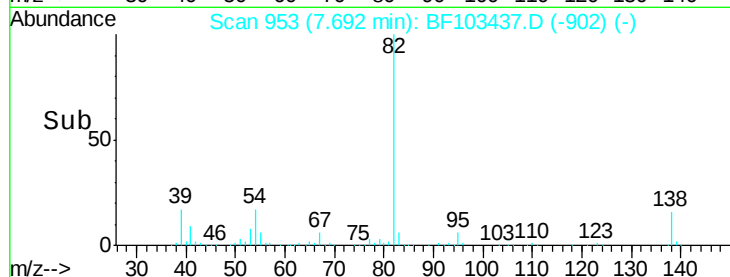
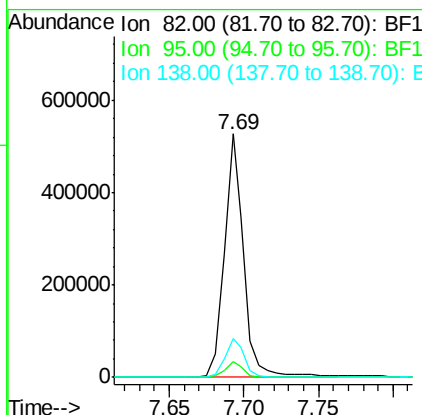
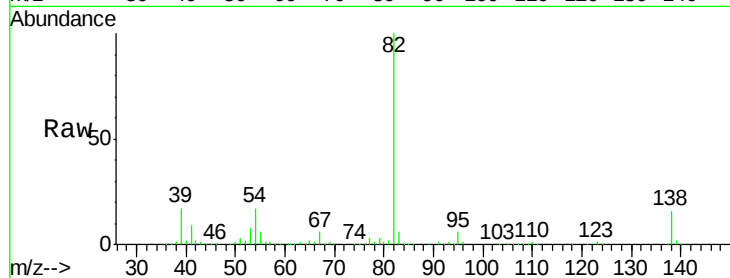
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	82	Resp:	477780
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	16.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 18.924 ng

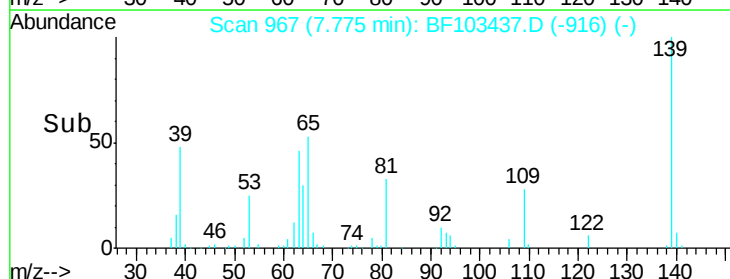
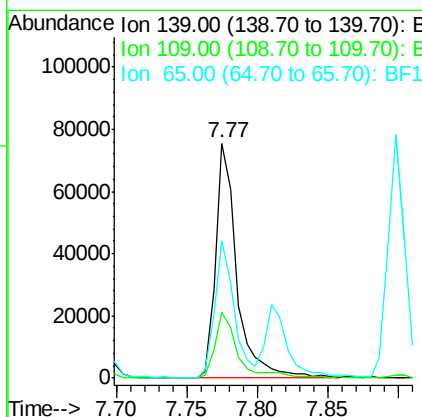
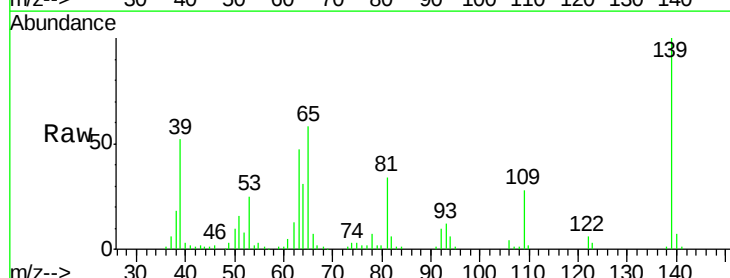
RT: 7.77 min Scan# 967

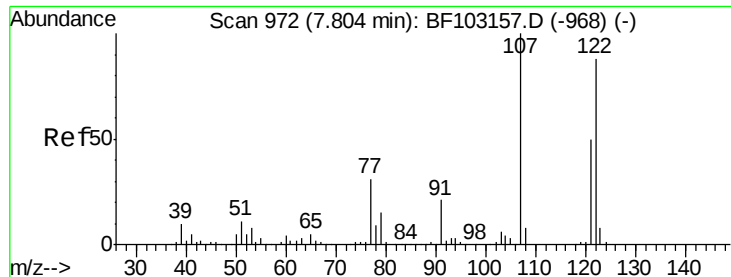
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	139	Resp:	78670
Ion Ratio	Lower	Upper	
139	100		
109	28.2	22.7	34.1
65	58.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 33.653 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

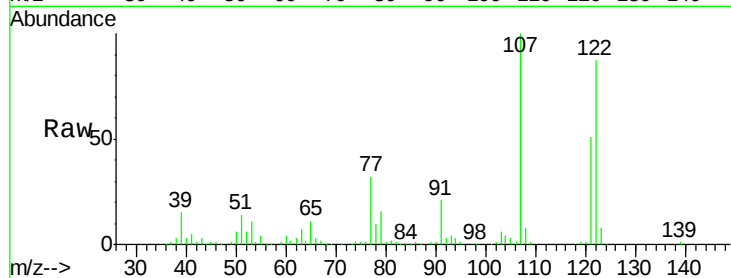
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	122	Resp:	213841
Ion Ratio	Lower	Upper	
122	100		
107	115.4	91.2	136.8
121	58.3	47.2	70.8

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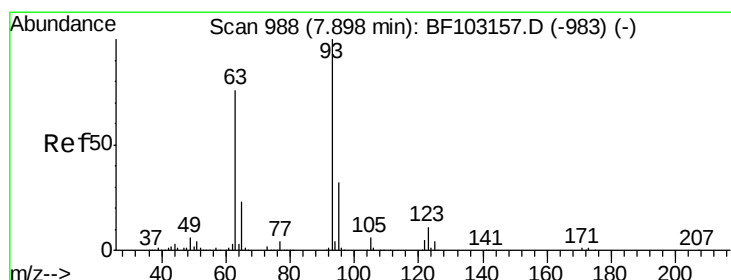
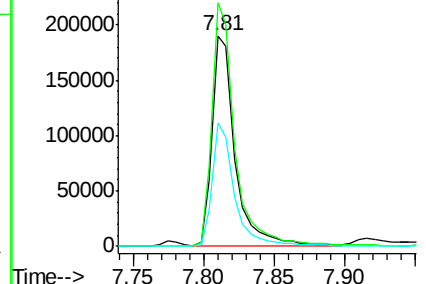
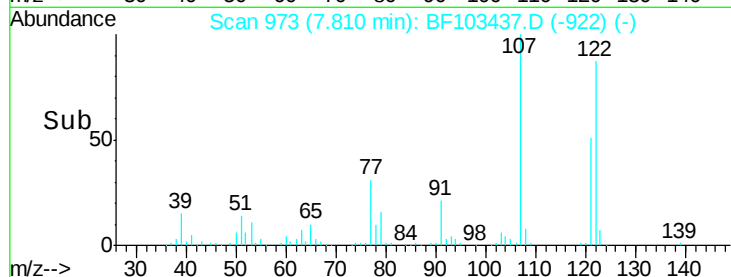
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.200 ng

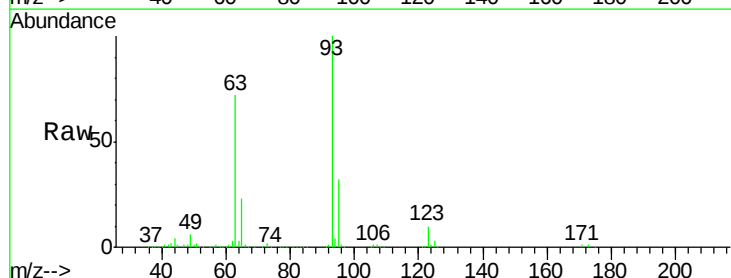
RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

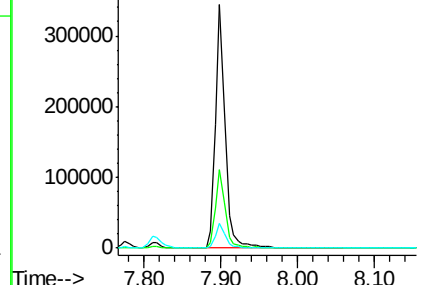
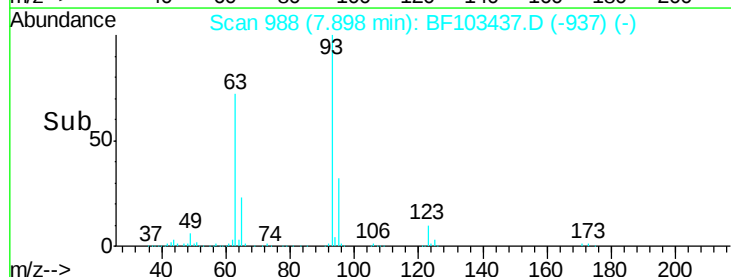
Tgt Ion:	93	Resp:	299052
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.3	39.5
123	10.1	9.8	14.6



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





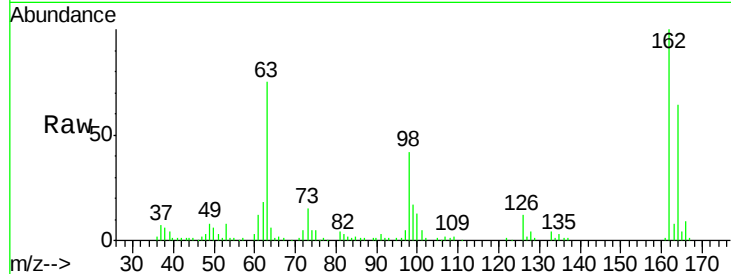
#29
 2,4-Dichlorophenol
 Concen: 30.312 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-24+31-WESTMSD

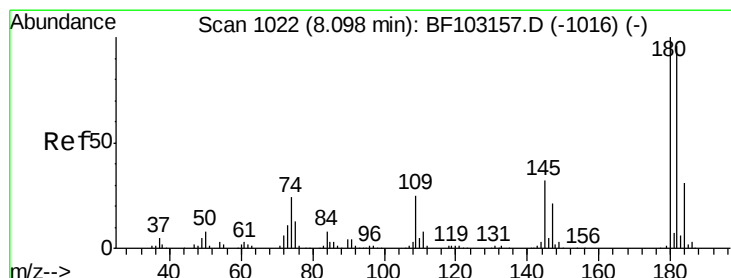
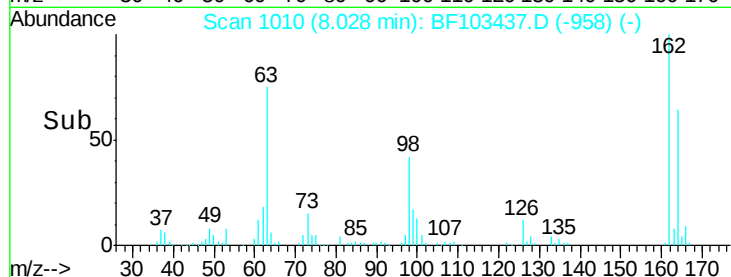
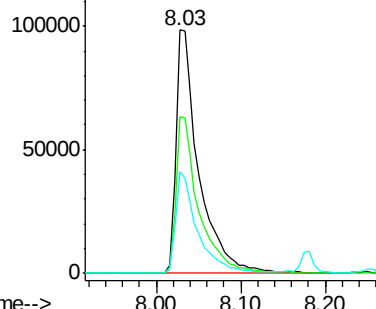
Tot Ion	Ratio	Resp	Lower	Upper
162	100	184407		
164	64.2	42.7	82.7	
98	41.7	18.1	58.1	

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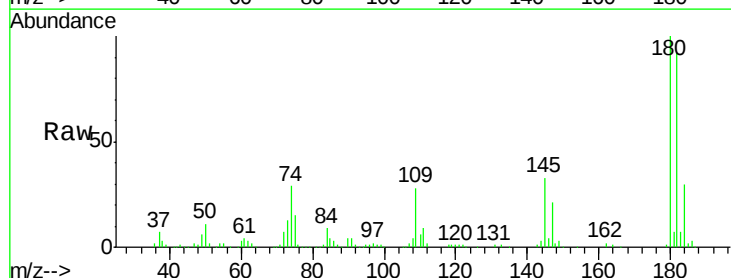


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

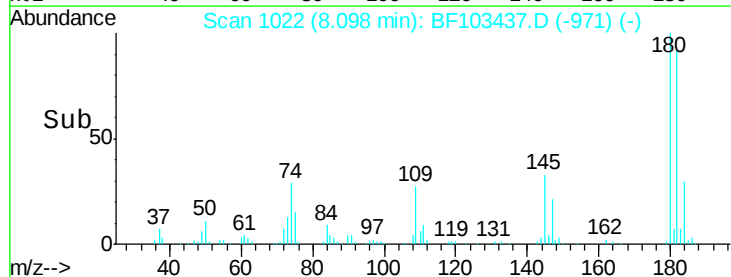
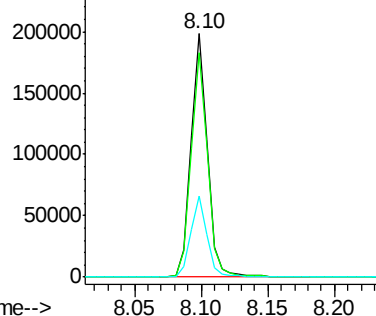


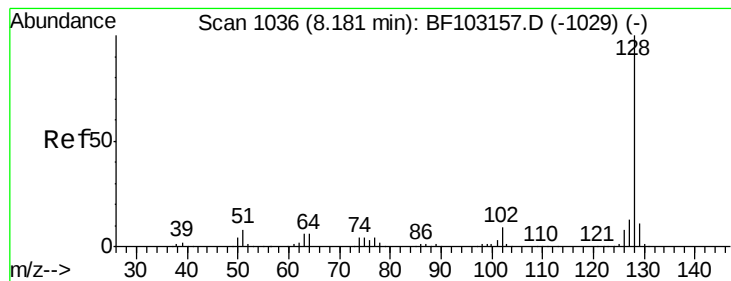
#30
 1,2,4-Trichlorobenzene
 Concen: 26.848 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173932		
182	92.3	76.8	115.2	
145	33.4	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.378 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

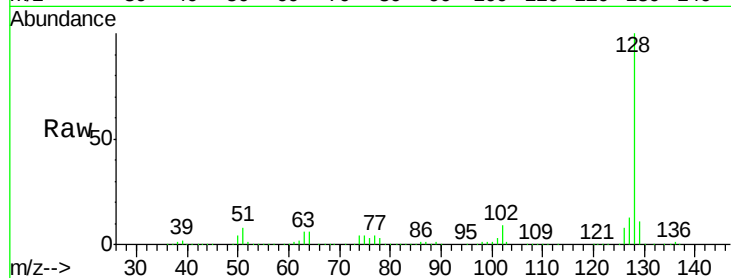
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

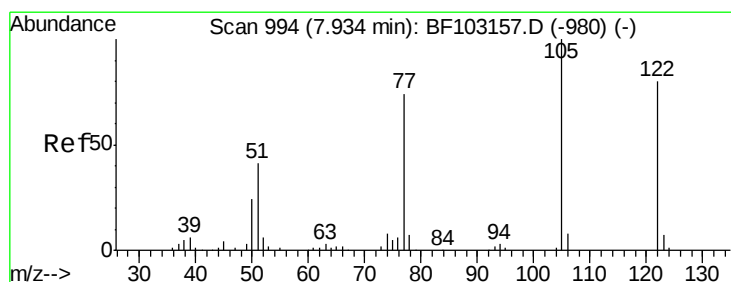
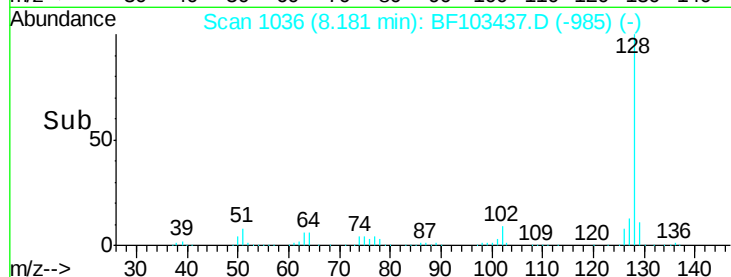
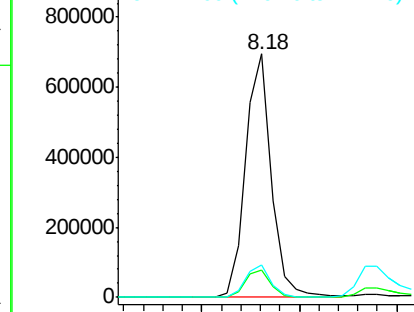
Tot Ion:	128	Resp:	636375
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

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



#32

Benzoic acid

Concen: 11.632 ng m

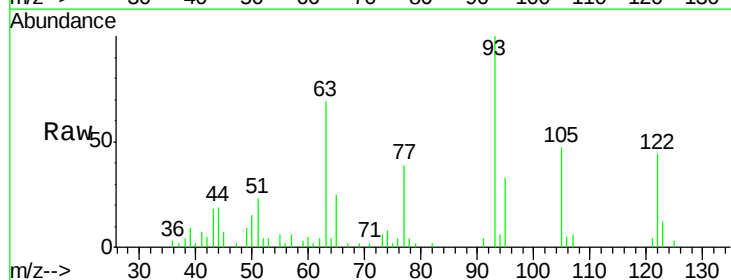
RT: 7.92 min Scan# 991

Delta R.T. -0.05 min

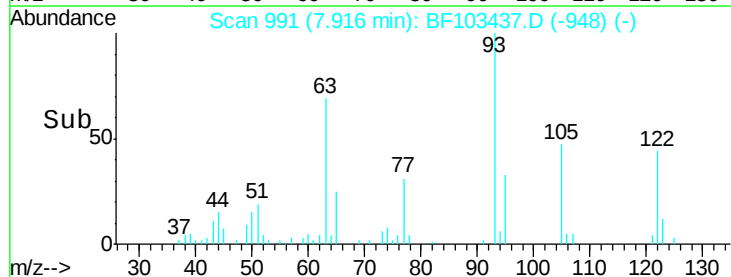
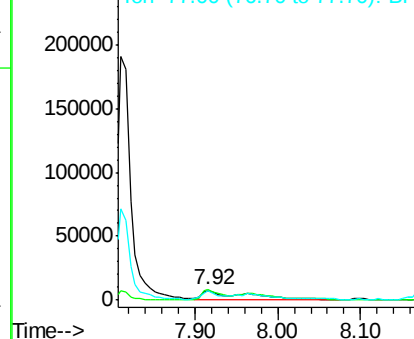
Lab File: BF103437.D

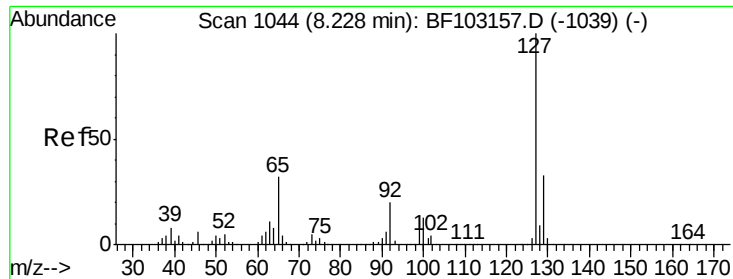
Acq: 6 Mar 2018 3:58

Tgt Ion:	122	Resp:	25986
Ion Ratio	Lower	Upper	
122	100		
105	108.9	101.1	141.1
77	88.7	70.7	110.7



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





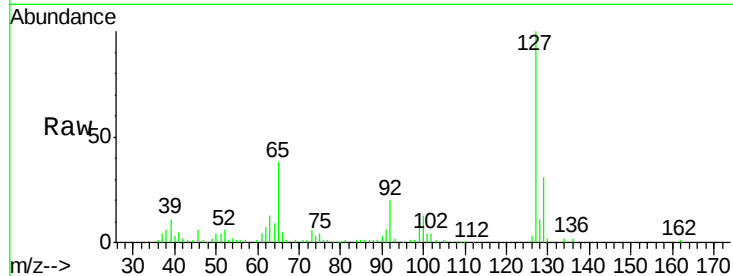
#33
4-Chloroaniline
Concen: 14.036 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

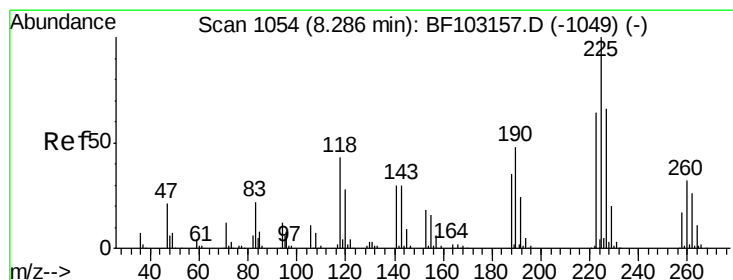
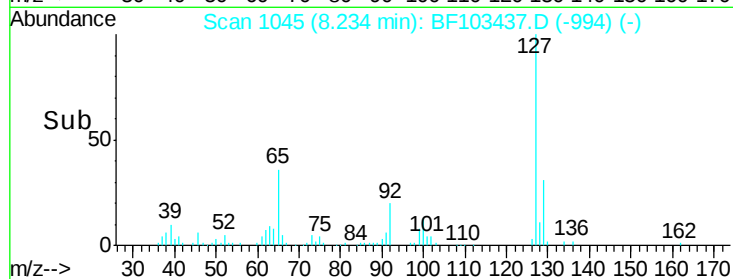
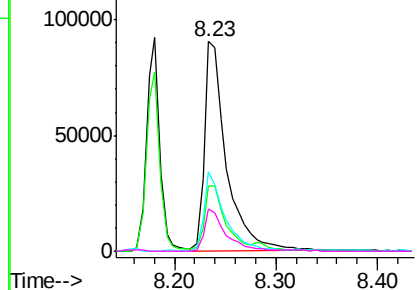
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	25.9	38.9		
65	37.7	25.0	37.4		
92	20.2	15.2	22.8		

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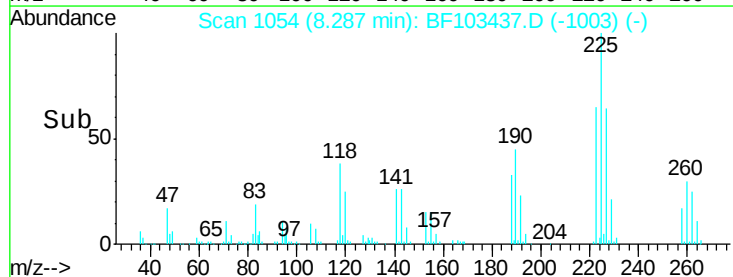
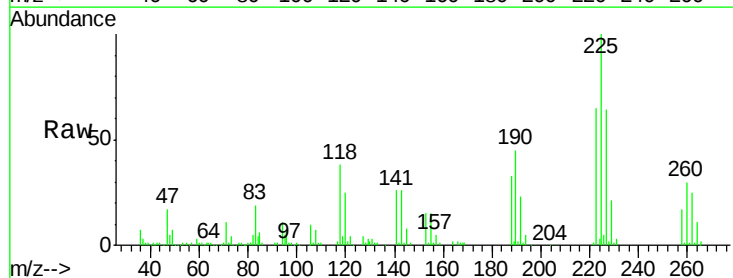
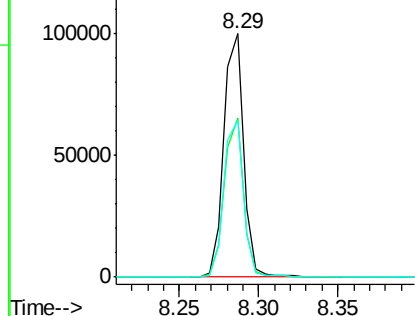
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

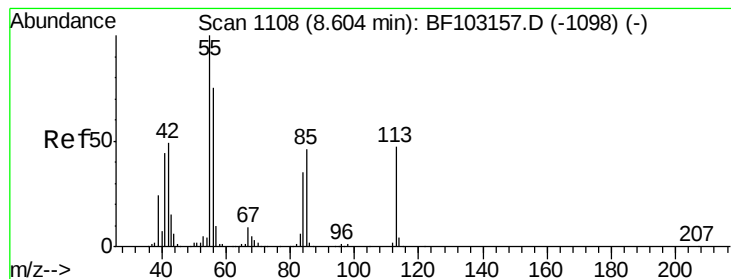


#34
Hexachlorobutadiene
Concen: 25.528 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	50.6	76.0		
227	64.4	51.9	77.9		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.516 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

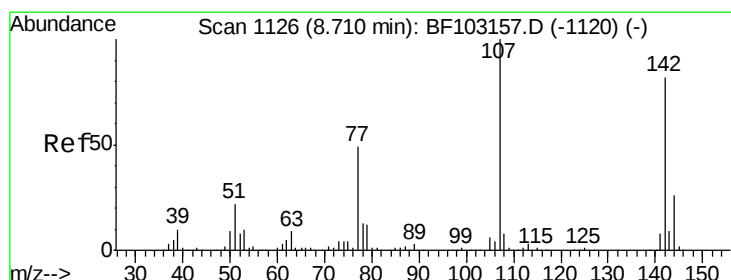
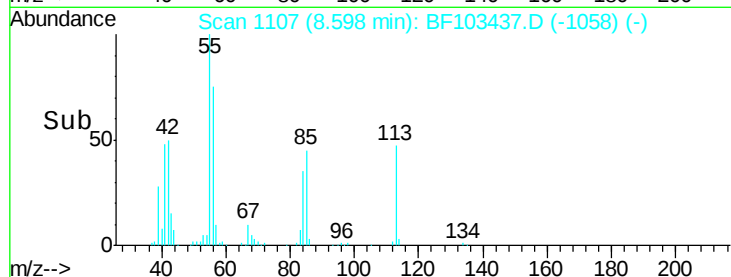
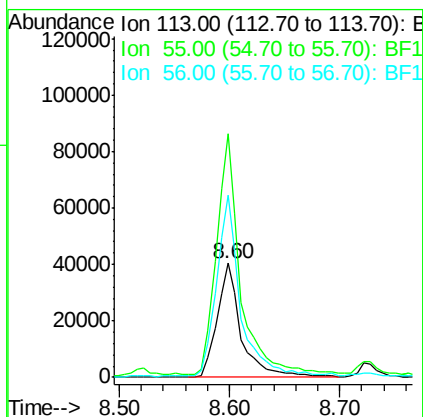
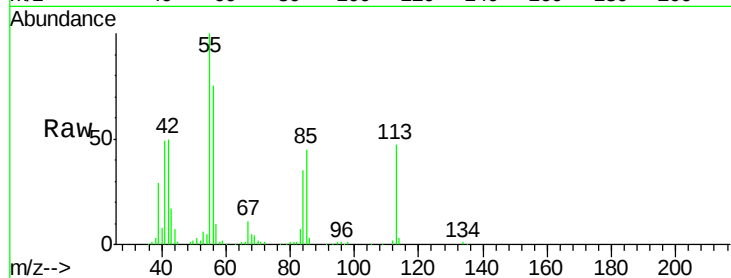
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	113	Resp:	60971
Ion Ratio	Lower	Upper	
113	100		
55	213.7	163.3	203.3#
56	160.3	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 29.761 ng

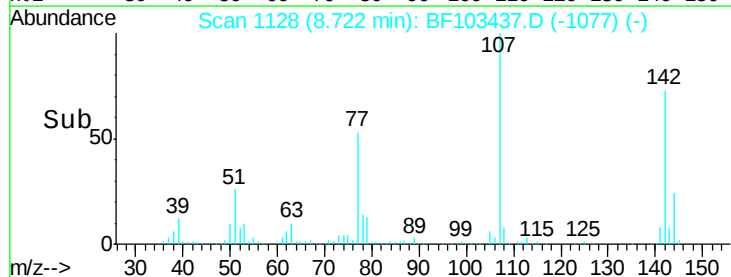
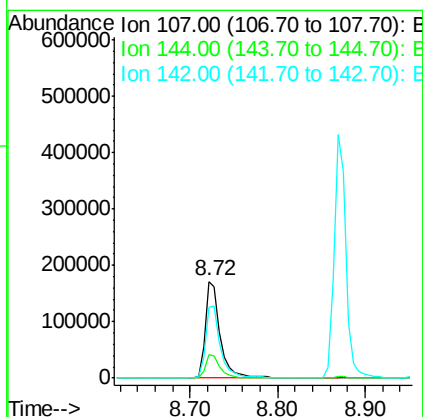
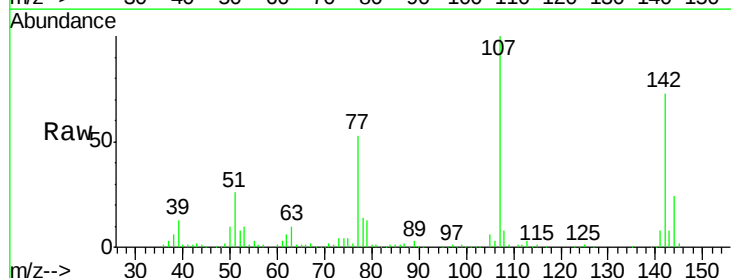
RT: 8.72 min Scan# 1128

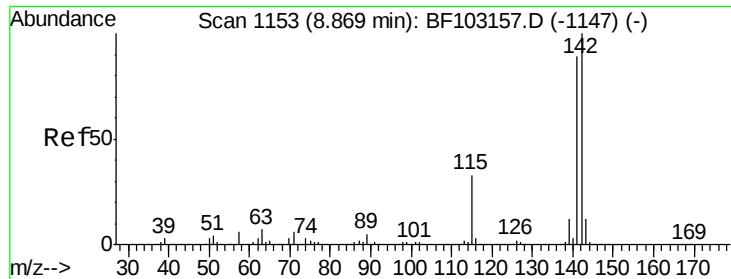
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	107	Resp:	204218
Ion Ratio	Lower	Upper	
107	100		
144	23.9	20.5	30.7
142	73.2	62.0	93.0





#37

2-Methylnaphthalene

Concen: 27.811 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

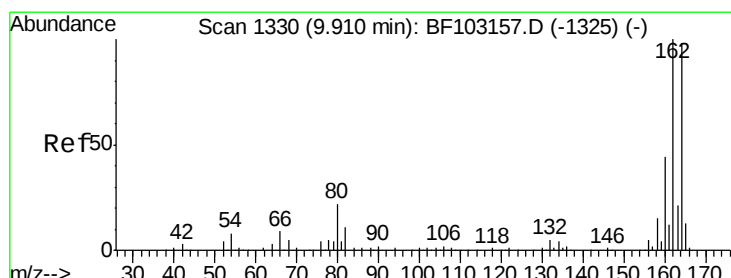
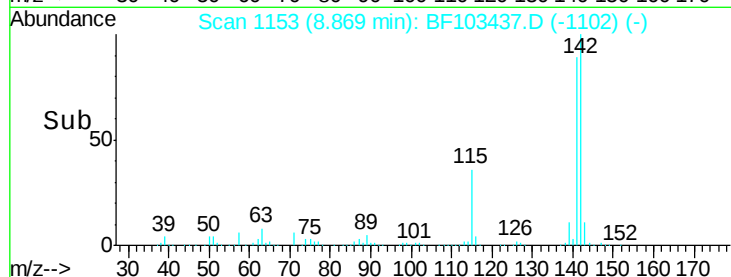
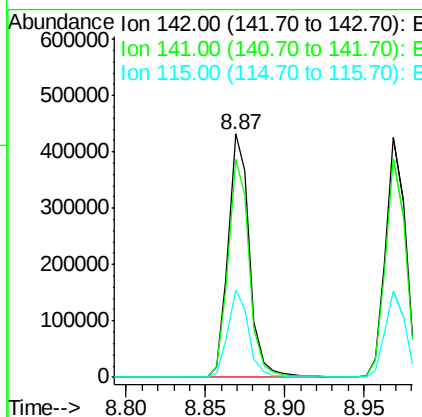
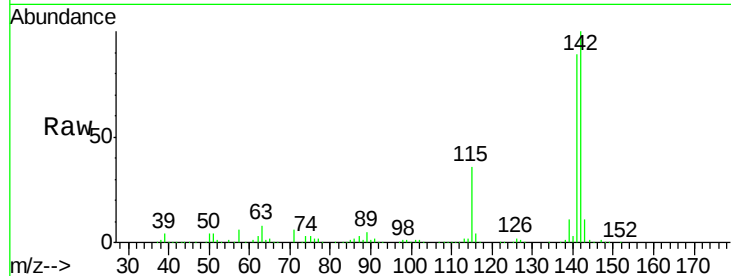
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	142	Resp:	403056
Ion Ratio	Lower	Upper	
142	100		
141	89.3	70.8	106.2
115	35.9	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

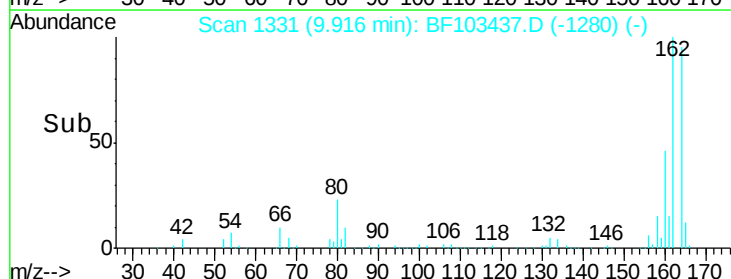
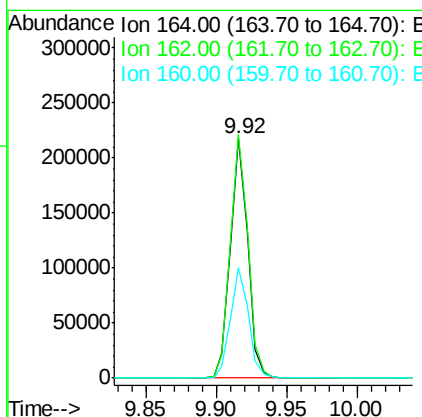
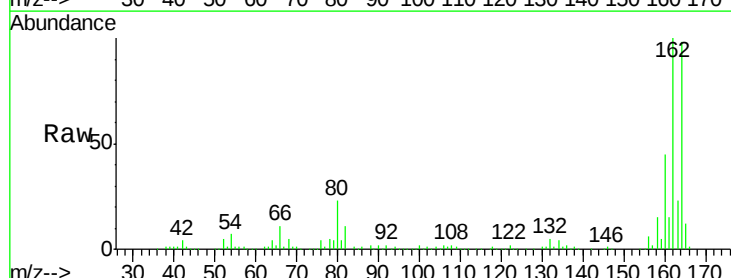
RT: 9.92 min Scan# 1331

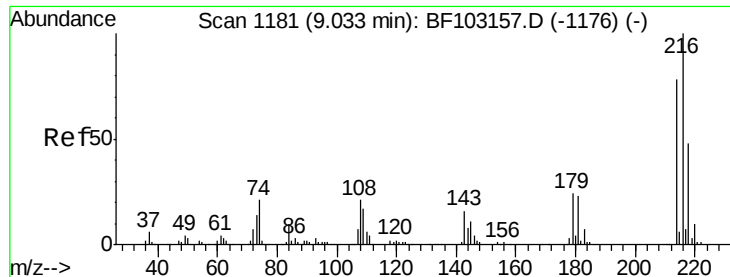
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	164	Resp:	187825
Ion Ratio	Lower	Upper	
164	100		
162	101.6	86.1	129.1
160	46.1	38.3	57.5





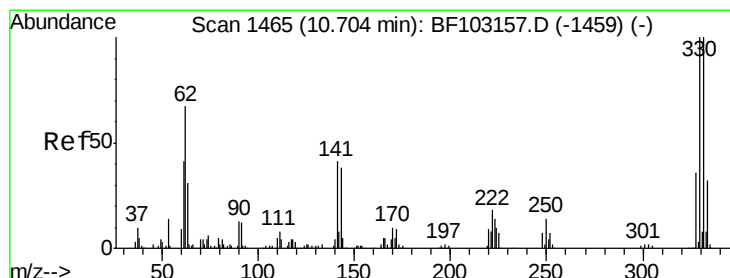
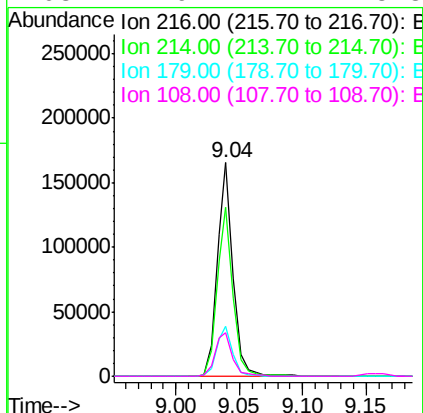
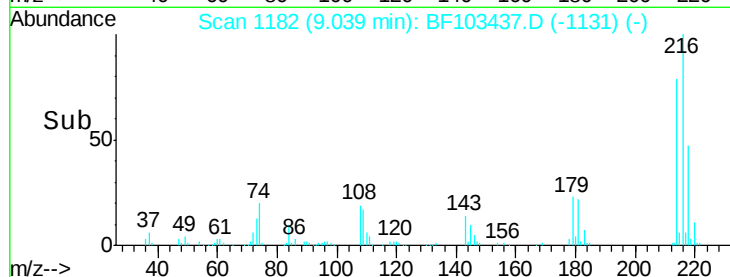
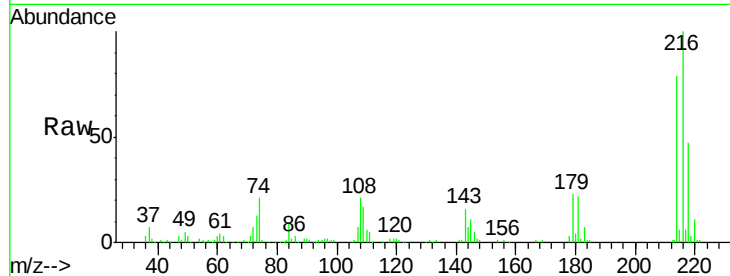
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.985 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-24+31-WESTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		143694		
214	80.5	63.0	94.4		
179	23.8	18.1	27.1		
108	22.9	17.2	25.8		

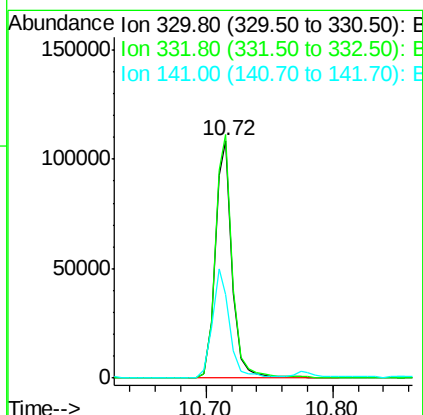
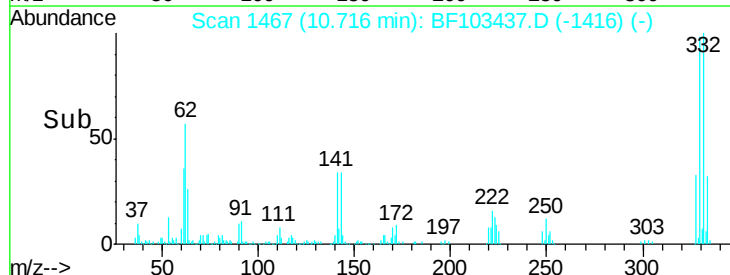
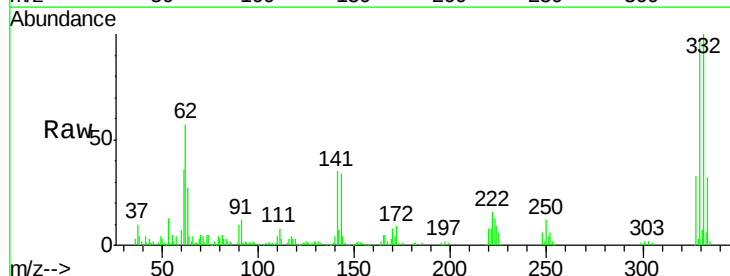
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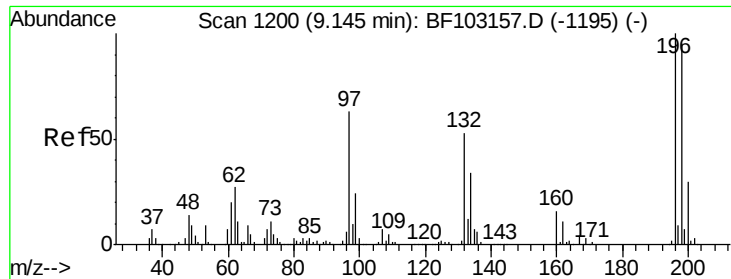
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#41
 2,4,6-Tribromophenol
 Concen: 64.071 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100		101862		
332	103.2	77.0	115.6		
141	48.1	29.9	44.9		





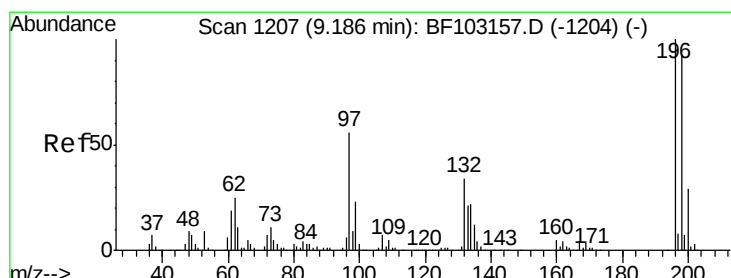
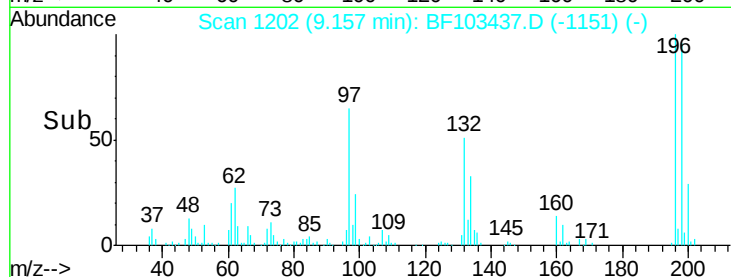
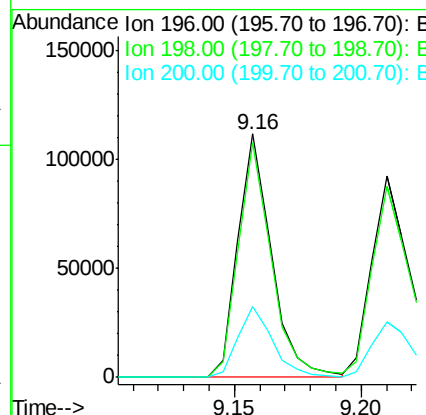
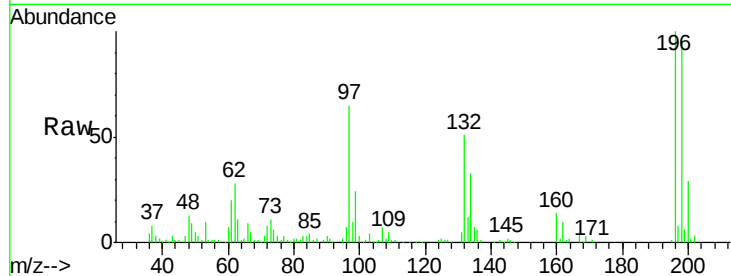
#42
 2,4,6-Trichlorophenol
 Concen: 29.661 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102479		
198	96.2	75.7	113.5	
200	29.0	24.5	36.7	

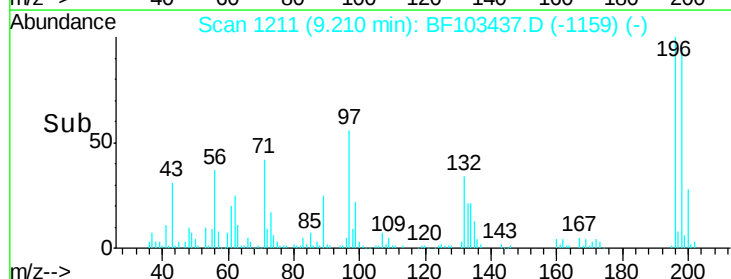
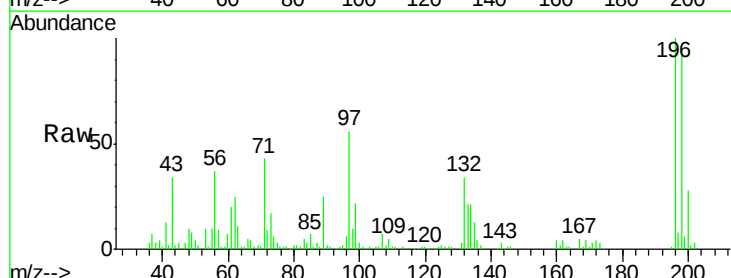
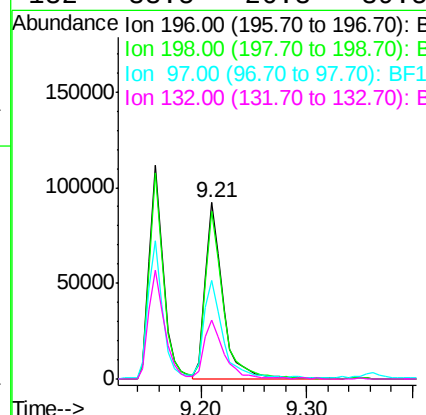
Manual Integrations
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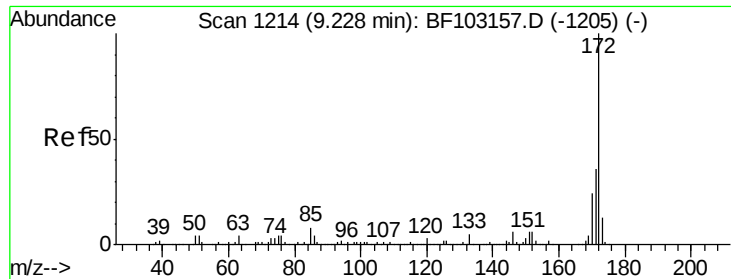
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#43
 2,4,5-Trichlorophenol
 Concen: 26.703 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106111		
198	95.2	74.6	112.0	
97	56.1	42.9	64.3	
132	33.5	26.3	39.5	





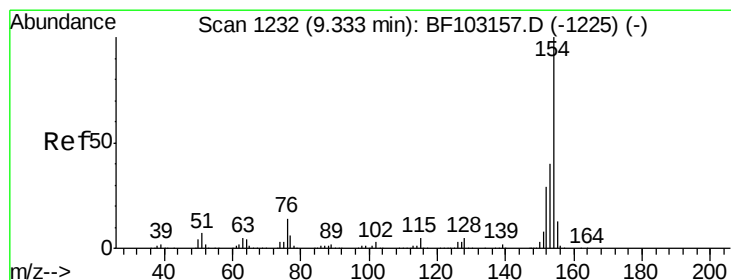
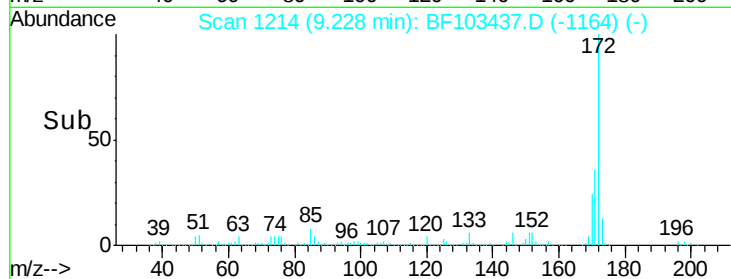
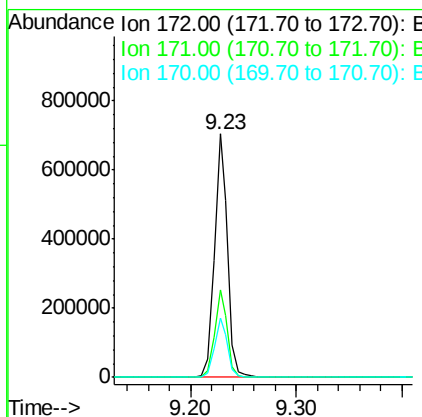
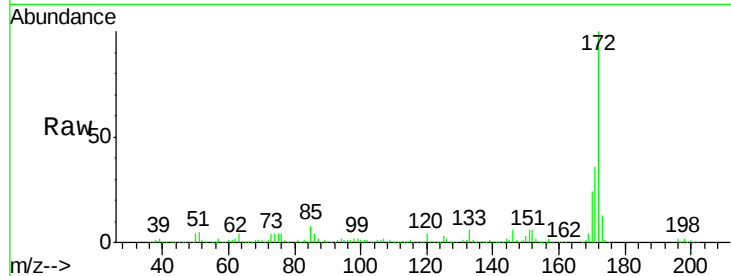
#44
2-Fluorobiphenyl
Concen: 51.312 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.4	19.6	29.4

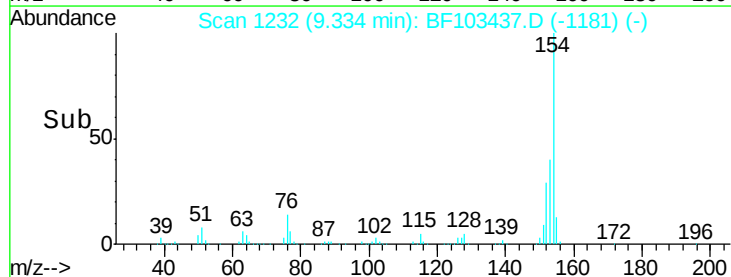
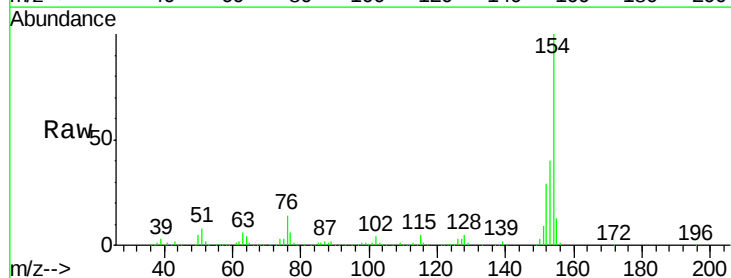
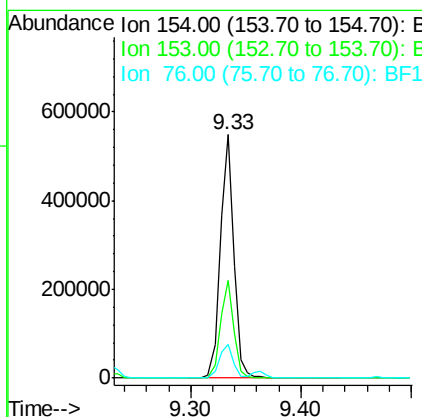
Manual Integrations
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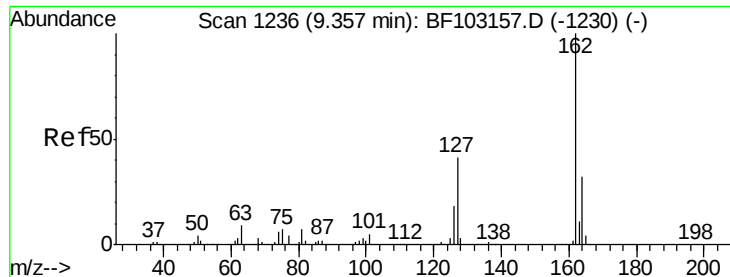
Sohil
3/6/2018 4:24:11 PM



#45
1,1'-Biphenyl
Concen: 29.586 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	13.8	0.0	34.0





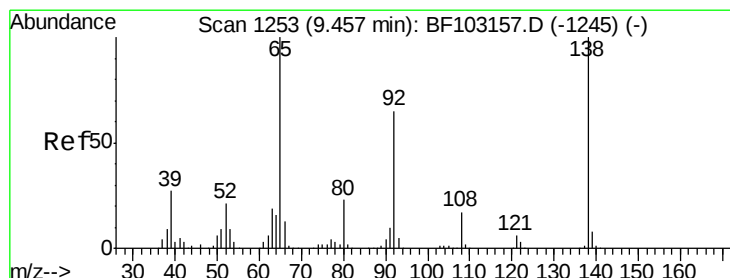
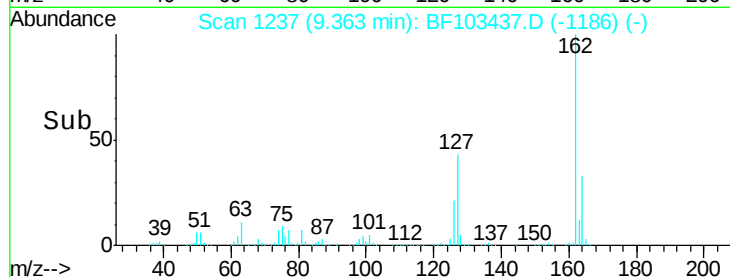
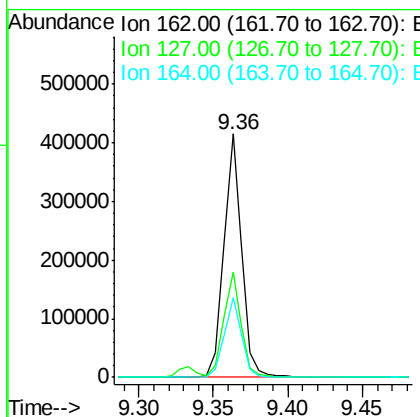
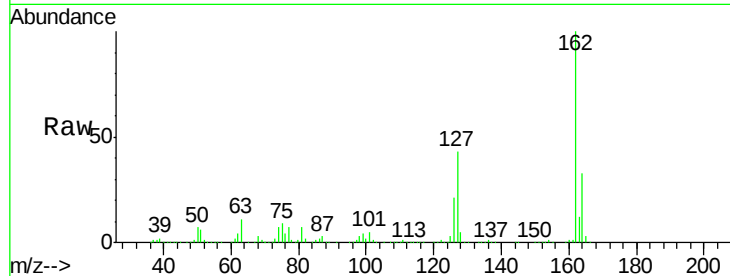
#46
 2-Chloronaphthalene
 Concen: 28.235 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-24+31-WESTMSD

Tot Ion:	162	Resp:	351573
Ion Ratio	Lower	Upper	
162	100		
127	43.1	33.9	50.9
164	32.9	26.5	39.7

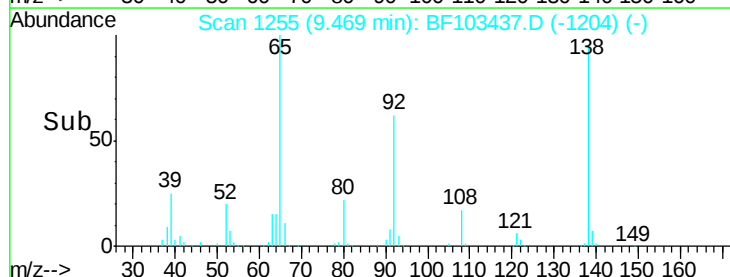
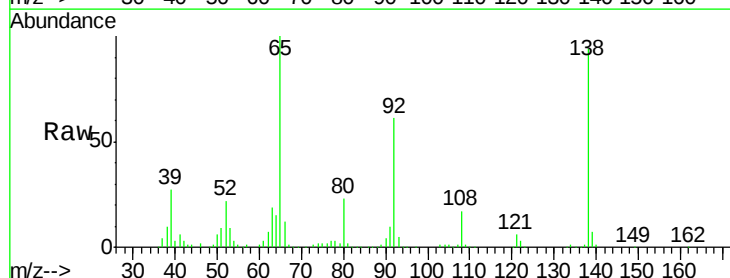
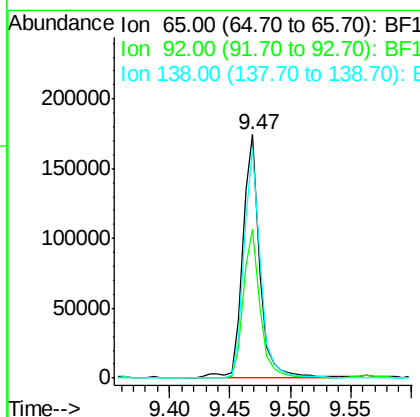
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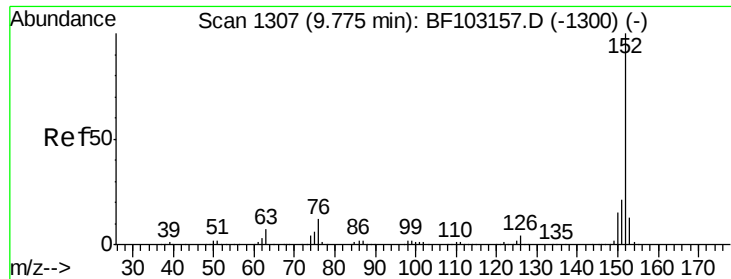
Sohil
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#47
 2-Nitroaniline
 Concen: 36.990 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF103437.D
 Acq: 6 Mar 2018 3:58

Tgt Ion:	65	Resp:	170607
Ion Ratio	Lower	Upper	
65	100		
92	61.4	55.8	83.6
138	94.3	91.2	136.8





#48

Acenaphthylene

Concen: 27.553 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

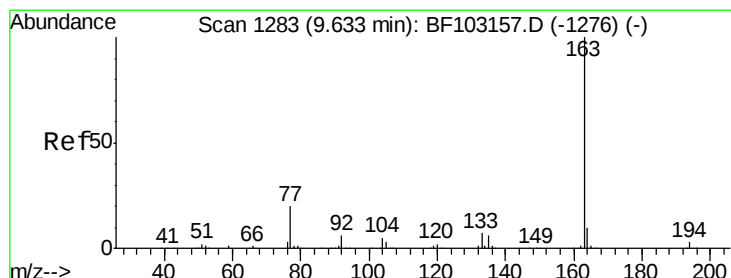
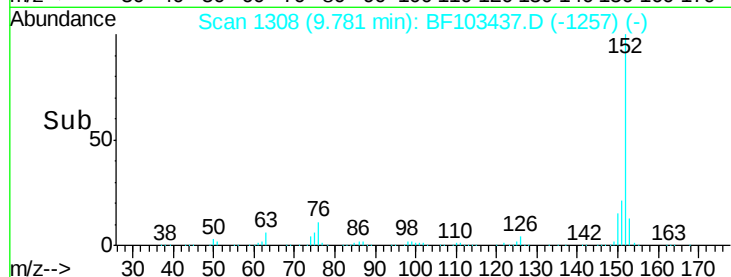
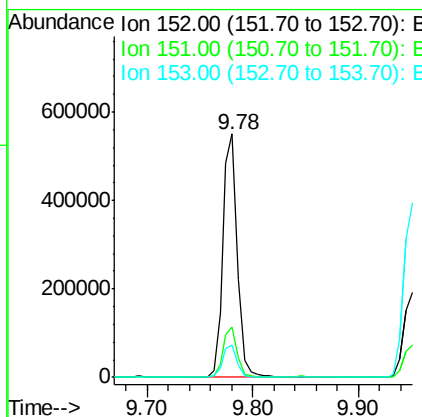
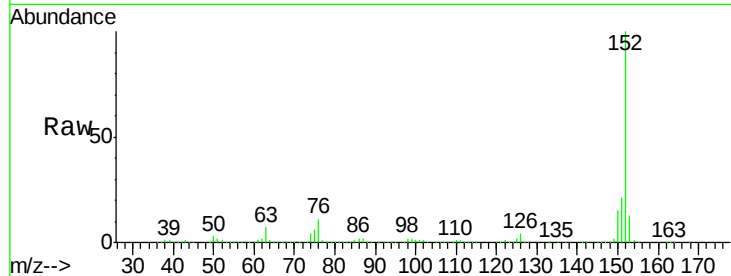
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	152	Resp:	527855
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1

Manual Integrations
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#49

Dimethylphthalate

Concen: 31.449 ng

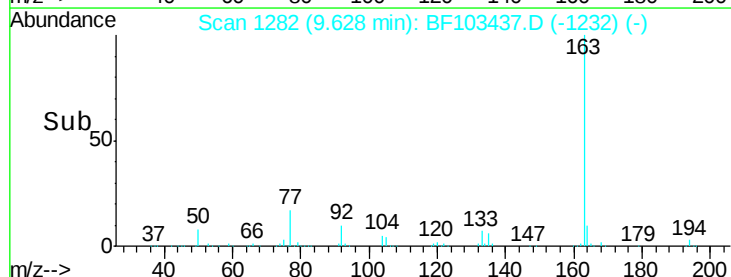
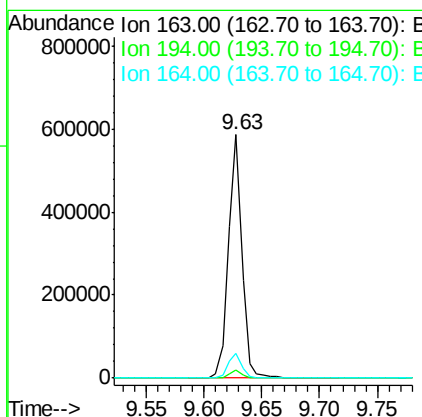
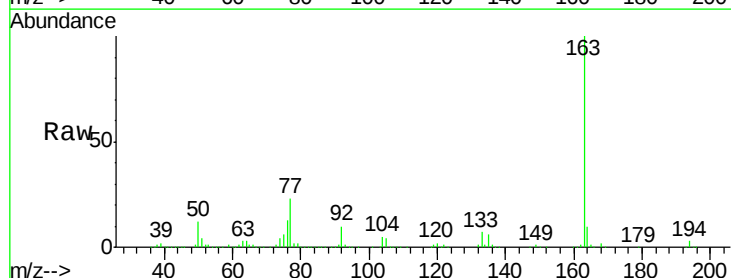
RT: 9.63 min Scan# 1282

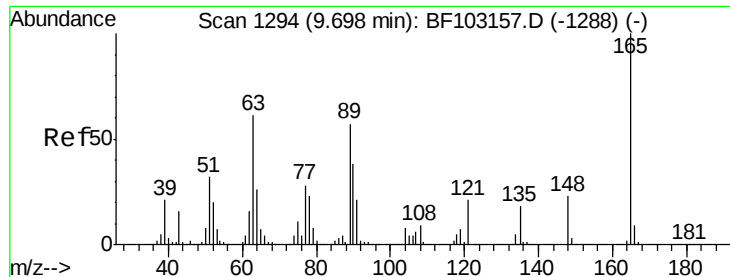
Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	163	Resp:	473861
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2





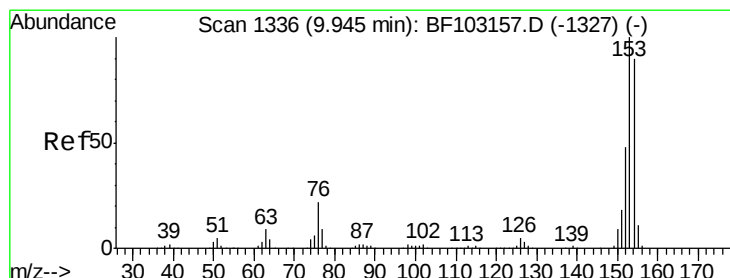
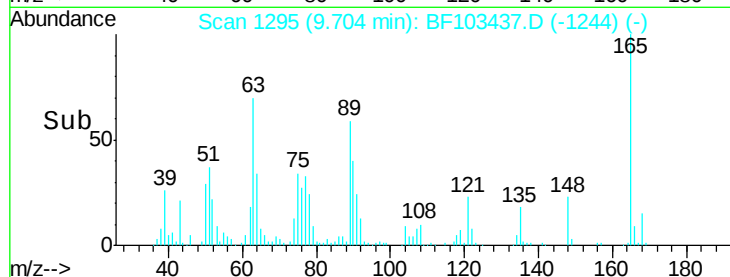
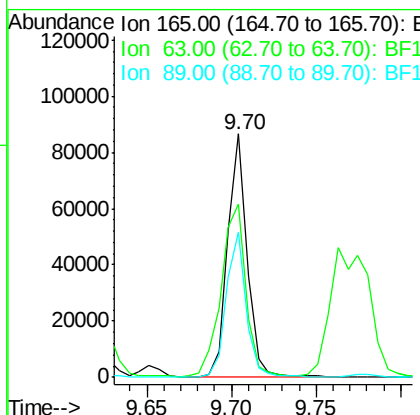
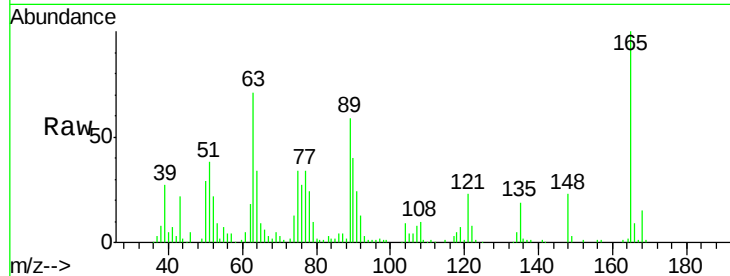
#50
2,6-Dinitrotoluene
Concen: 21.961 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69441		
63	70.9	44.7	67.1#	
89	59.4	44.0	66.0	

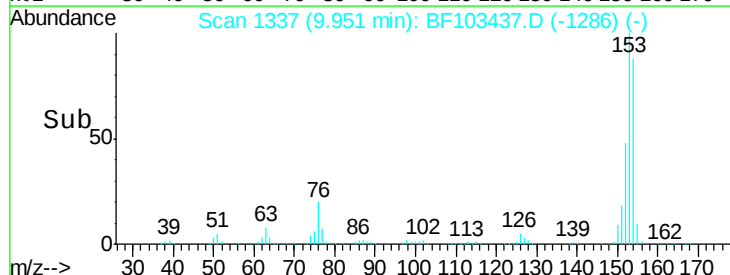
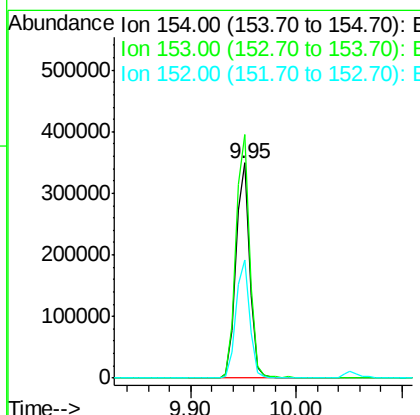
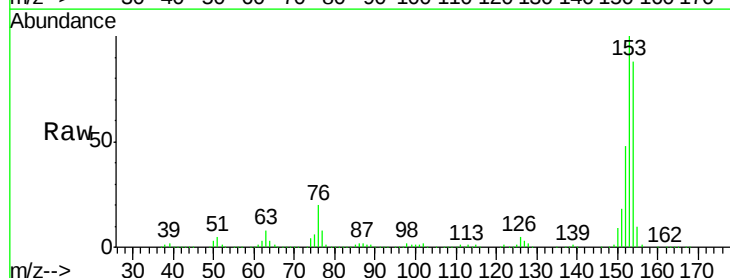
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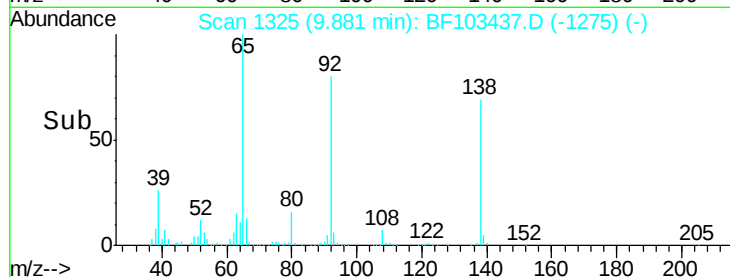
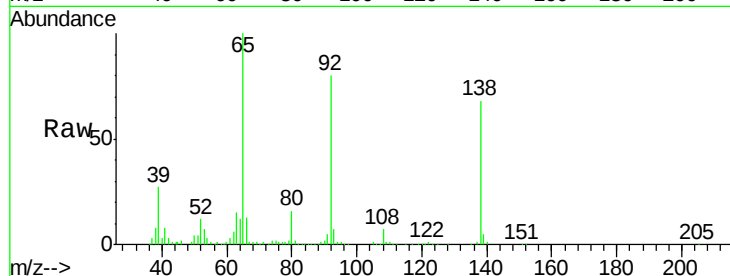
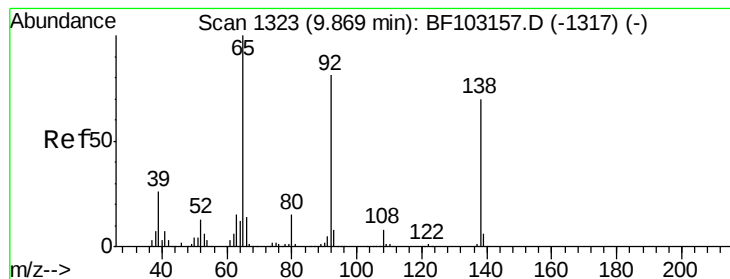
Sohil
3/6/2018 4:24:11 PM



#51
Acenaphthene
Concen: 27.633 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	308699		
153	113.1	91.2	136.8	
152	54.7	43.8	65.8	





#52

3-Nitroaniline

Concen: 31.134 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tot Ion:138	Resp:	124900
Ion Ratio	Lower	Upper
138	100	
108	10.4	9.4 14.0
92	117.5	89.4 134.2

Instrument :

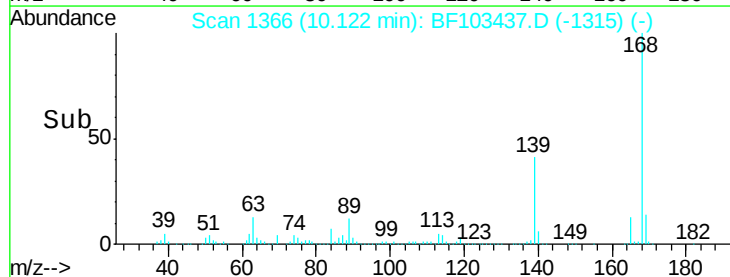
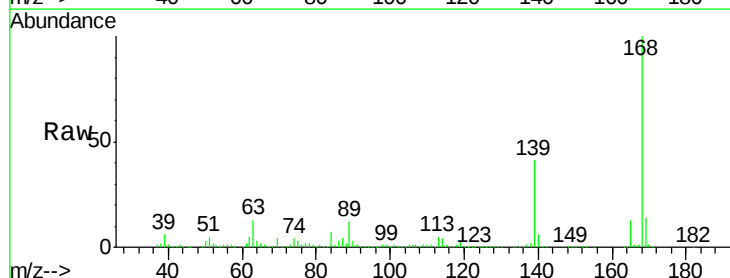
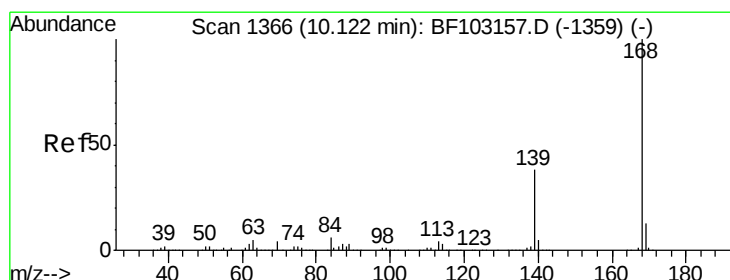
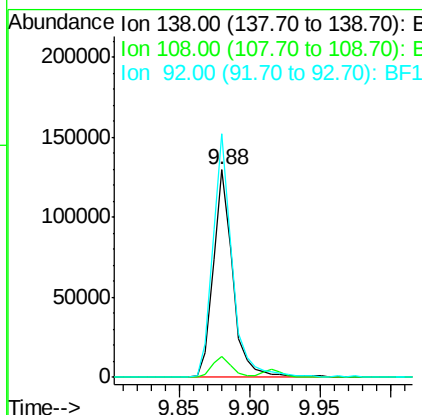
BNA_F

ClientSampleId :

SAMPLE-1-24+31-WESTMSD

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#54

Dibenzofuran

Concen: 29.170 ng

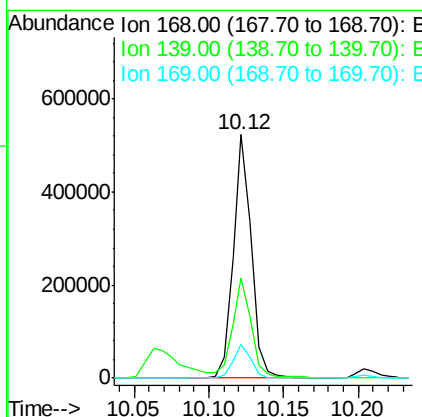
RT: 10.12 min Scan# 1366

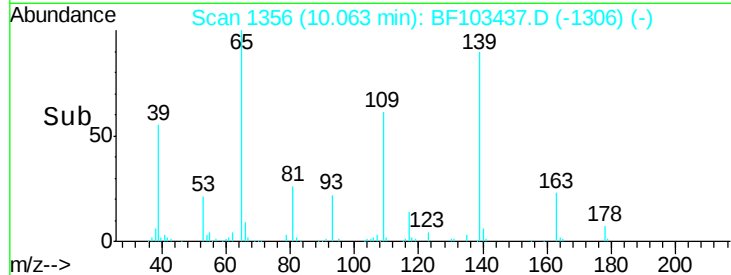
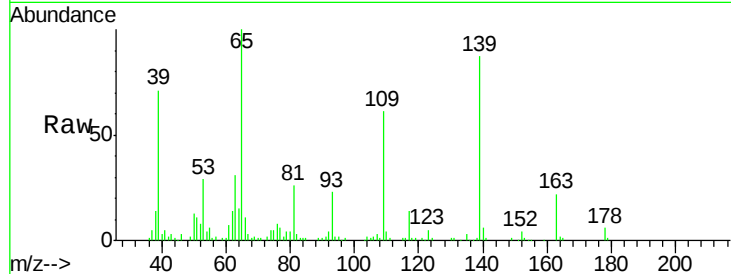
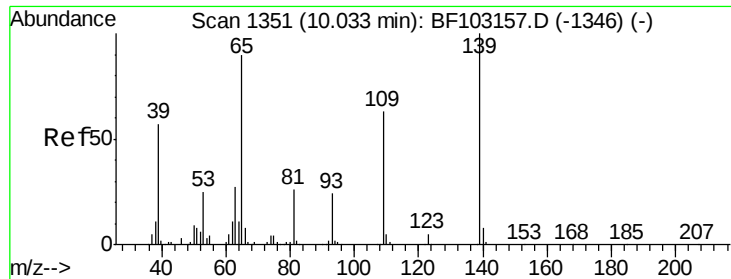
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:168	Resp:	447327
Ion Ratio	Lower	Upper
168	100	
139	40.9	30.1 45.1
169	13.6	10.9 16.3





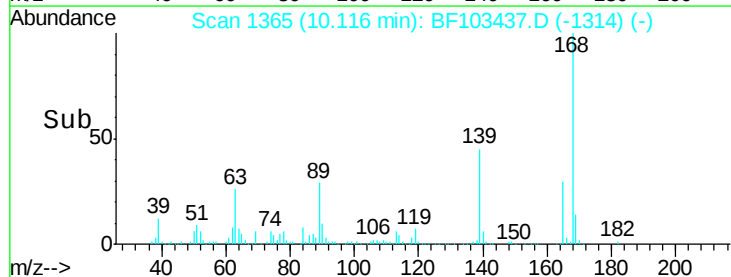
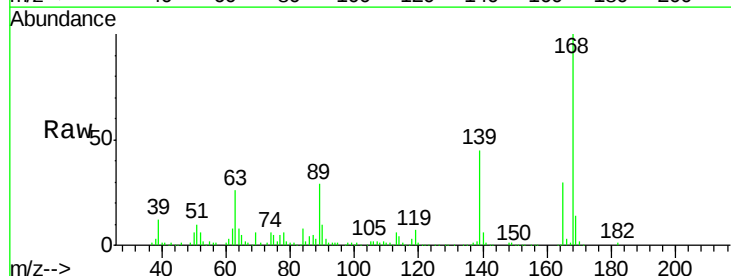
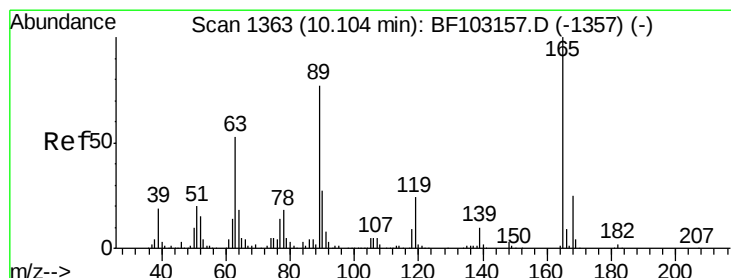
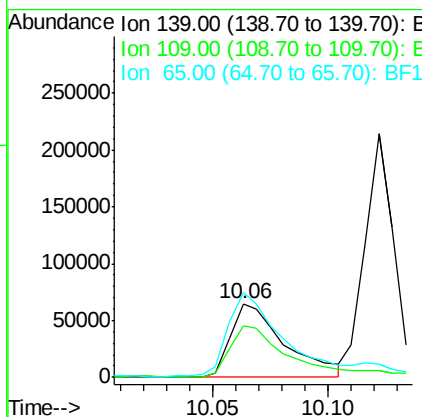
#55
4-Nitrophenol
Concen: 42.539 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	105767		
109	69.7	48.4	88.4	
65	114.5	72.6	112.6	

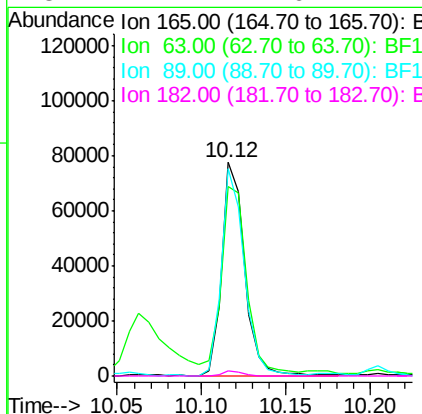
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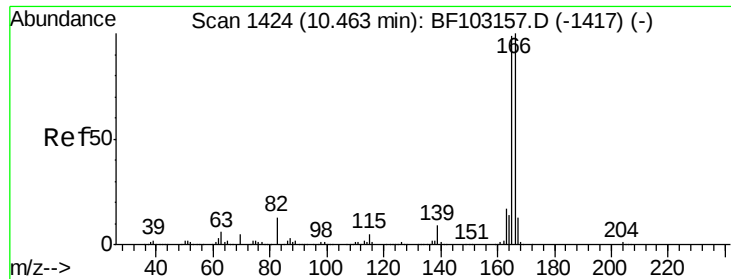
Sohil
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#56
2,4-Dinitrotoluene
Concen: 18.493 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	73955		
63	88.4	36.4	54.6	
89	97.3	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 25.654 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

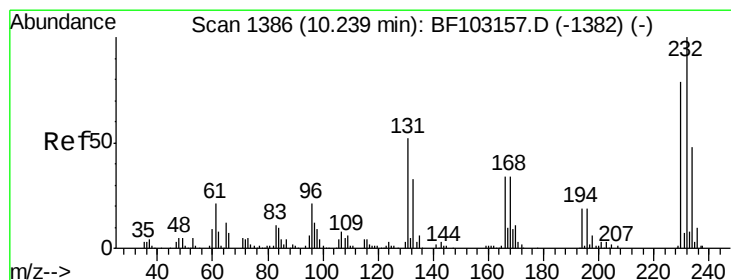
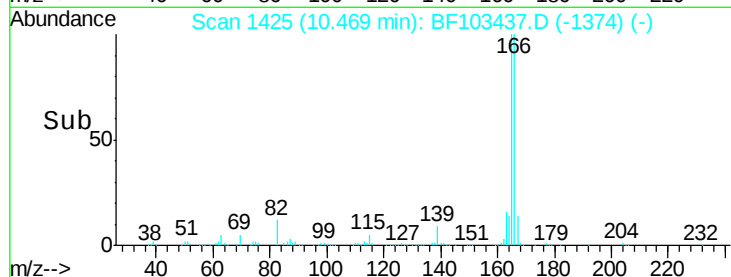
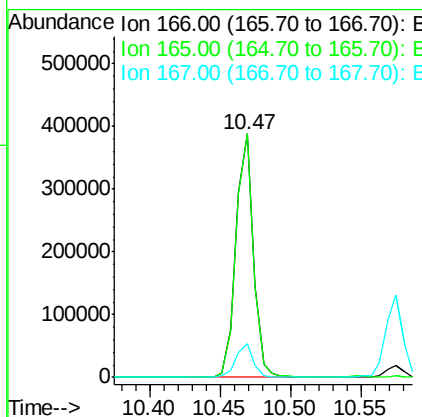
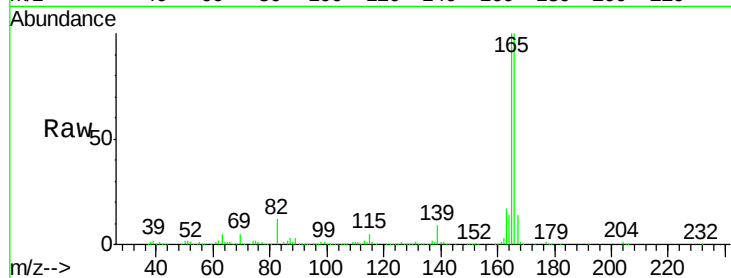
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	13.9	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 25.869 ng

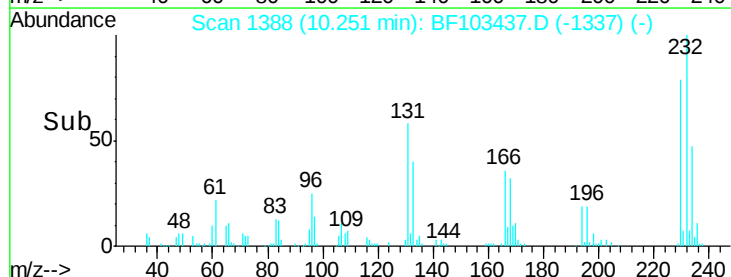
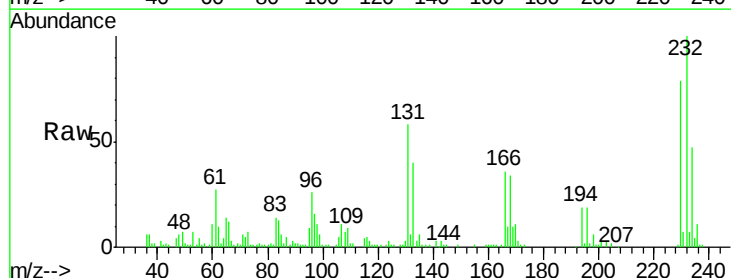
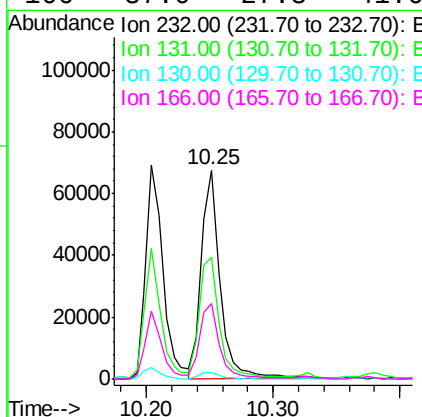
RT: 10.25 min Scan# 1388

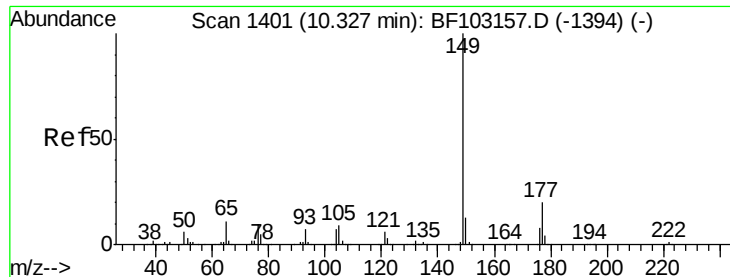
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	60.6	43.8	65.8
130	3.6	2.1	3.1#
166	37.0	27.8	41.6





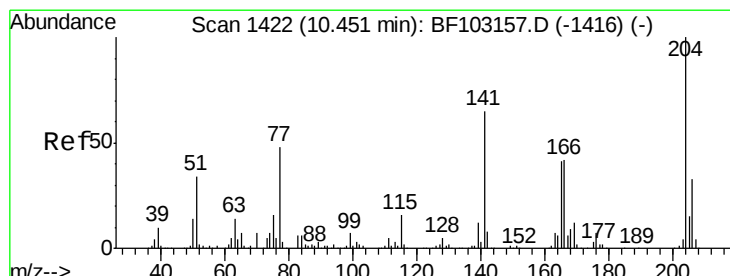
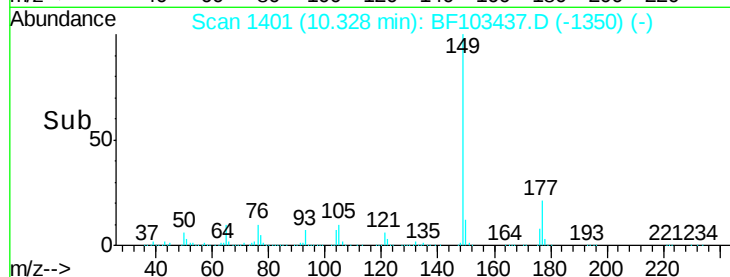
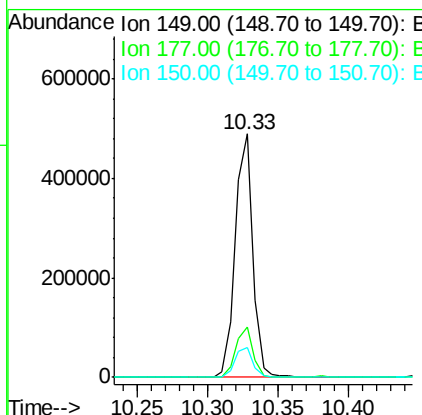
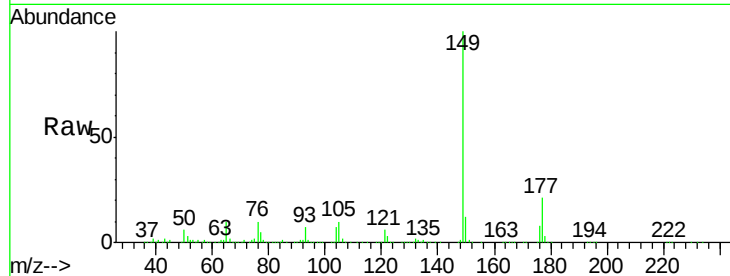
#59
Diethylphthalate
Concen: 29.260 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.3	10.1	15.1

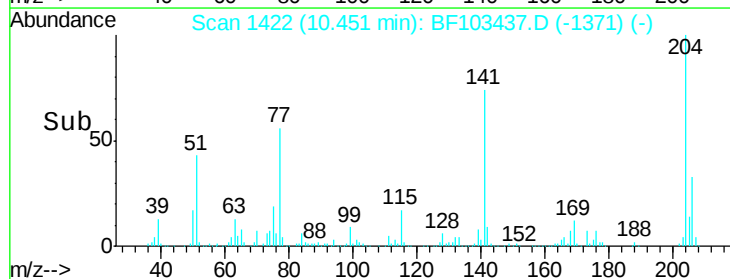
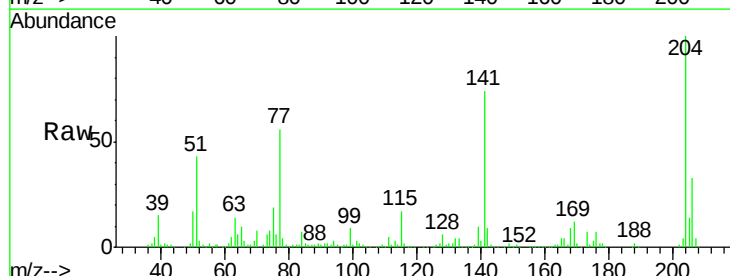
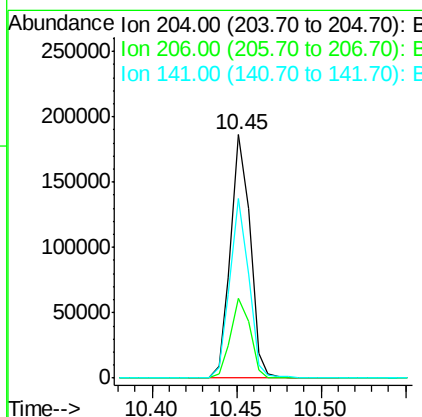
Manual Integrations
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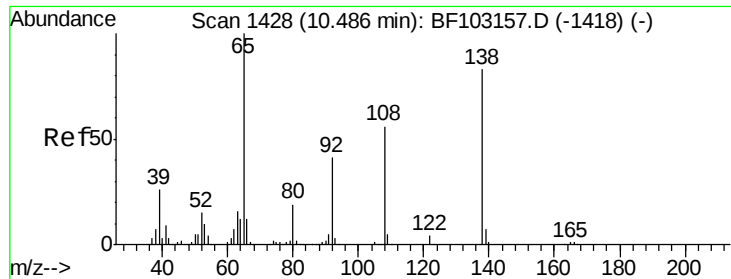
Sohil
3/6/2018 4:24:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 27.130 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	73.9	54.6	81.8





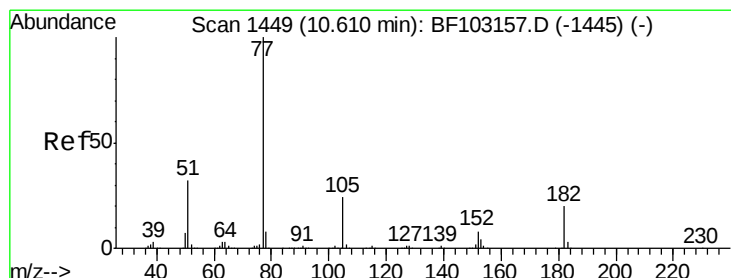
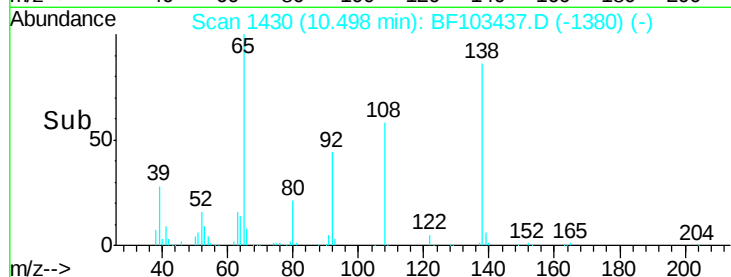
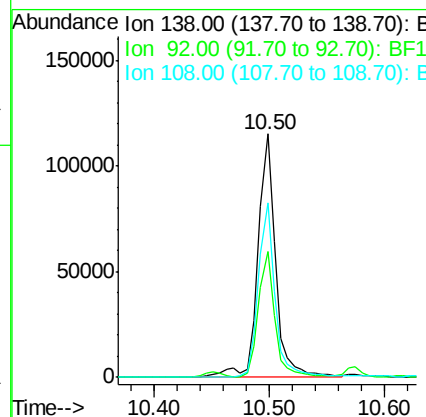
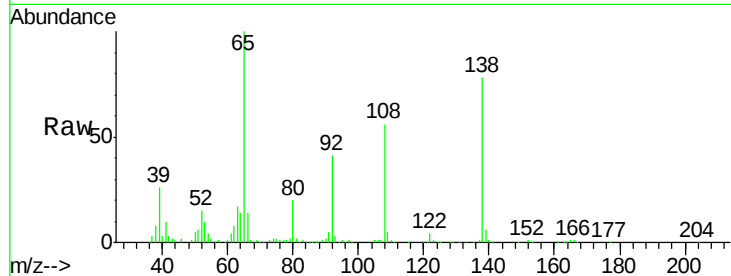
#61
4-Nitroaniline
Concen: 30.897 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.9	30.2	70.2
108	71.9	52.5	92.5

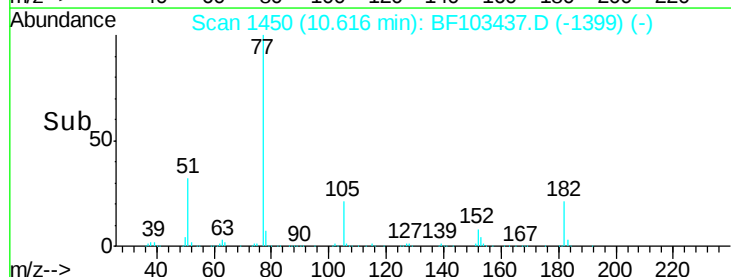
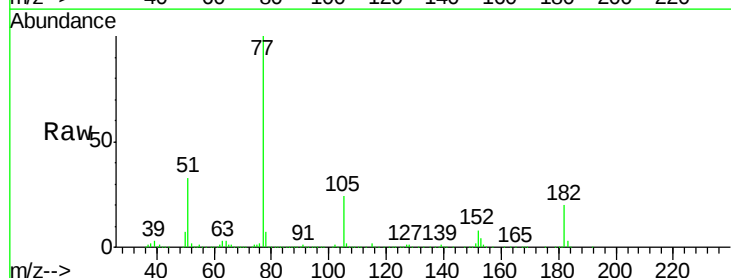
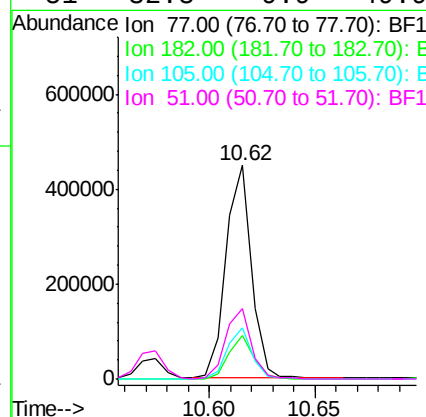
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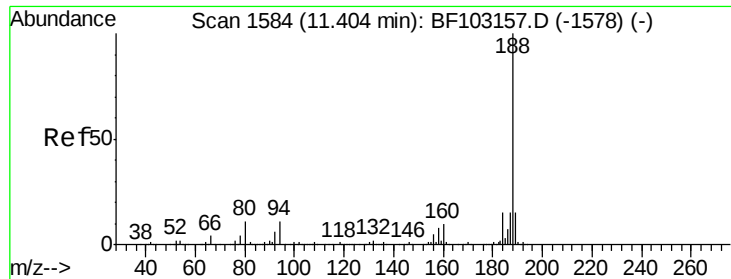
Sohil
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#62
Azobenzene
Concen: 25.487 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	1.7	41.7
105	23.7	3.0	43.0
51	32.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

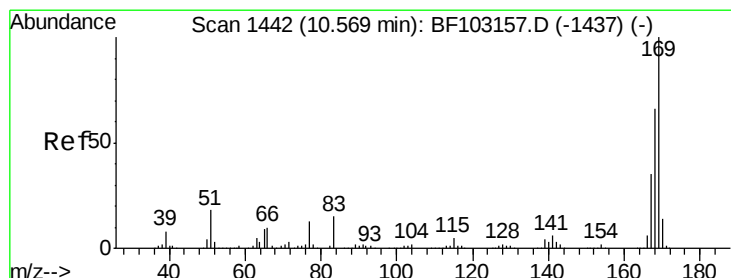
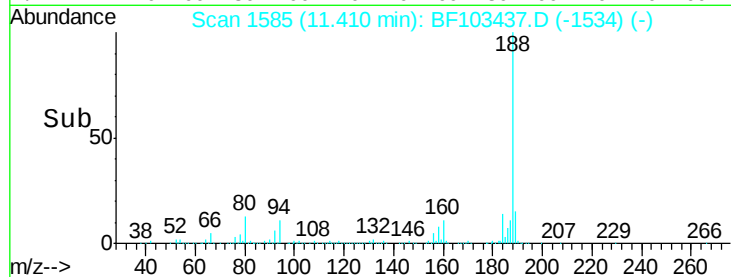
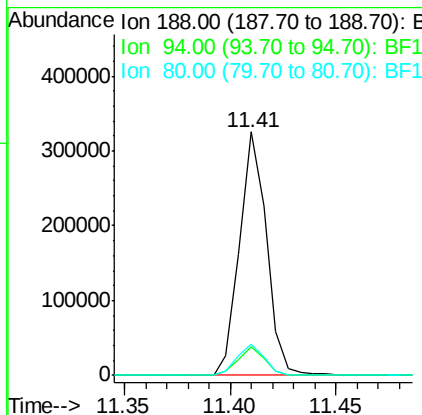
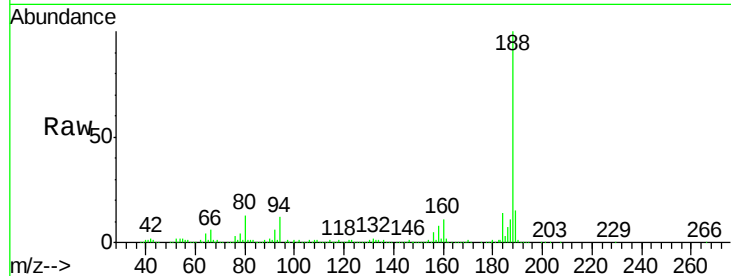
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	188	Resp:	287703
Ion Ratio	Lower	Upper	
188	100		
94	11.8	8.5	12.7
80	12.8	9.2	13.8

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#65

n-Nitrosodiphenylamine

Concen: 29.822 ng

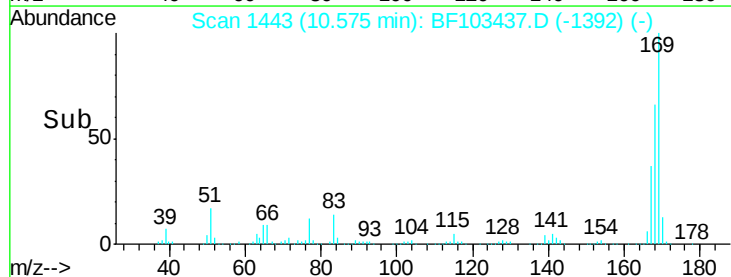
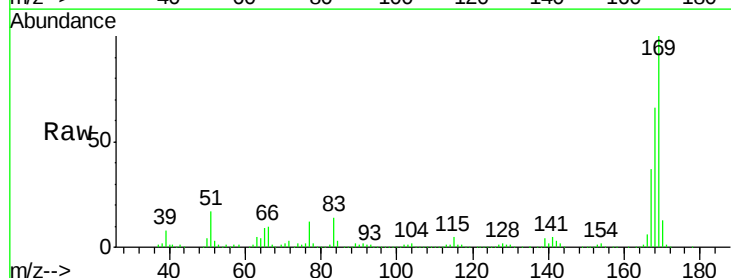
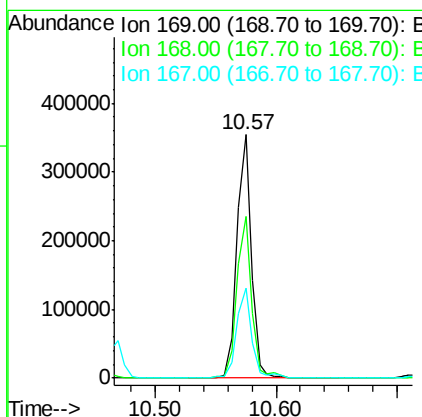
RT: 10.57 min Scan# 1443

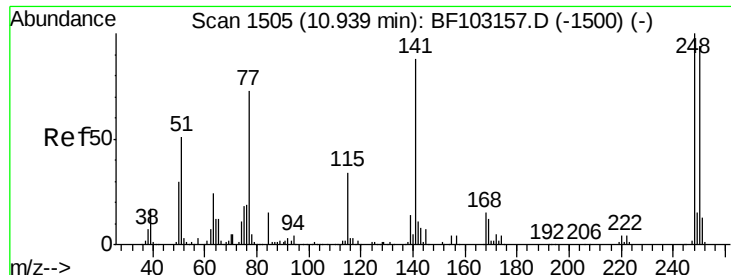
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	169	Resp:	298740
Ion Ratio	Lower	Upper	
169	100		
168	66.2	54.4	81.6
167	36.9	29.8	44.6





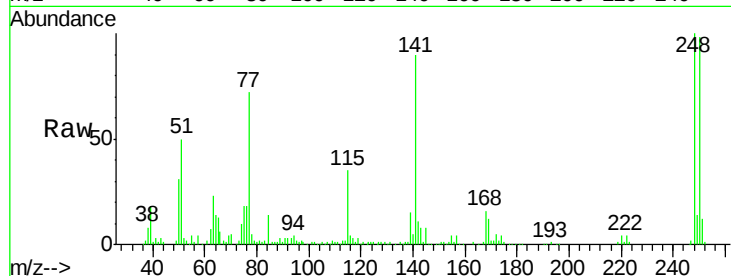
#66
4-Bromophenyl-phenylether
Concen: 26.982 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

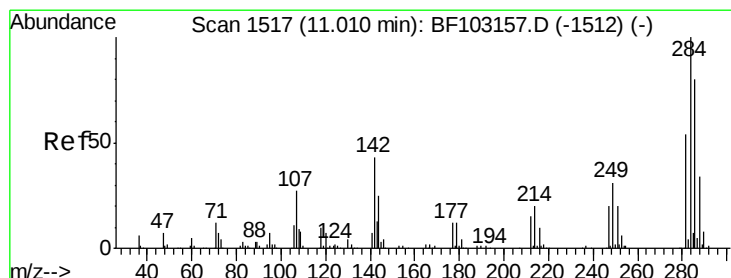
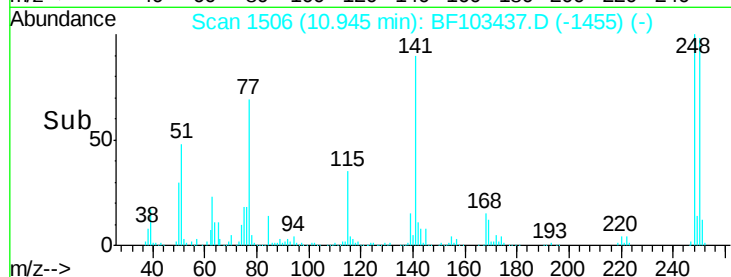
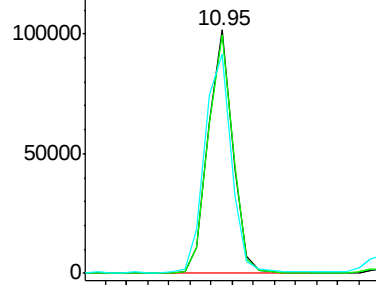
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	90.1	74.4	111.6

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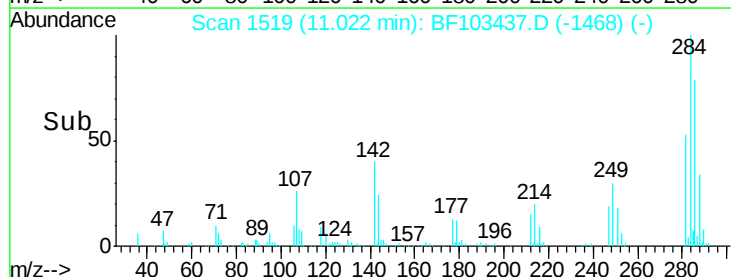
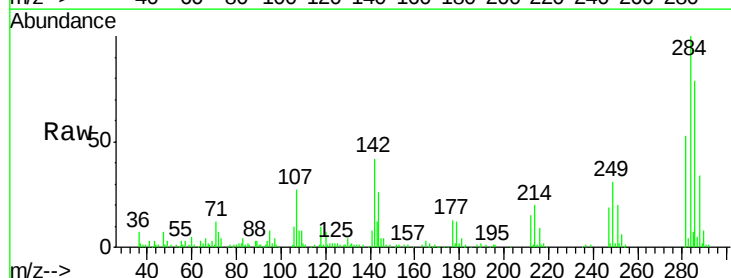
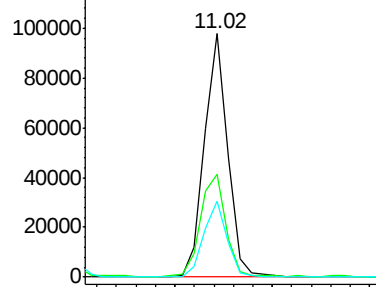
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

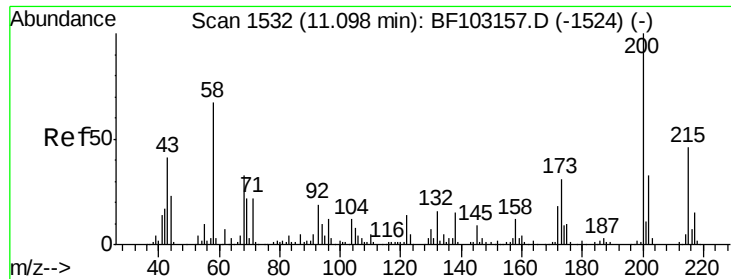


#67
Hexachlorobenzene
Concen: 24.777 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.1	34.6	52.0
249	31.1	24.8	37.2

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





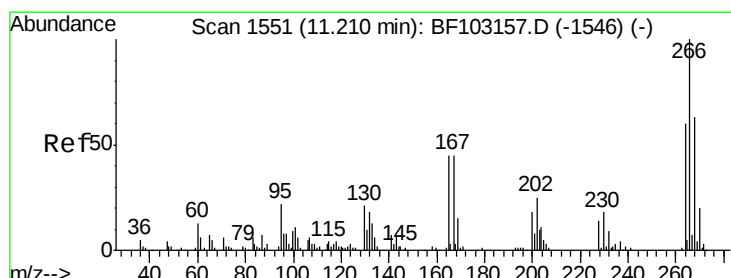
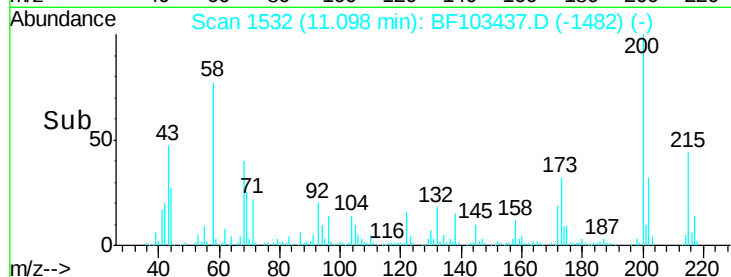
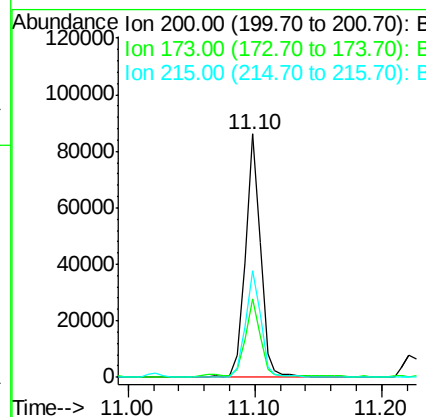
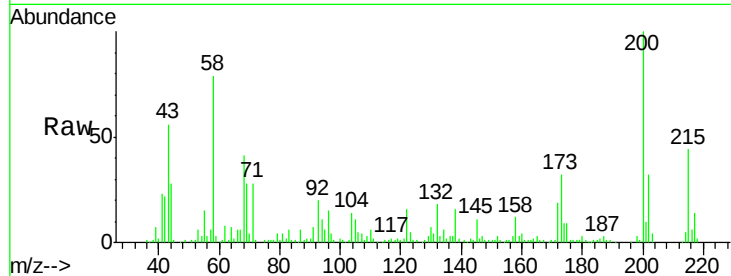
#68
Atrazine
Concen: 23.255 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	32.1	8.6	48.6
215	43.9	25.1	65.1

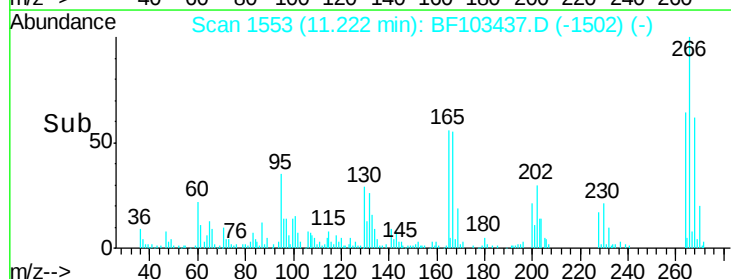
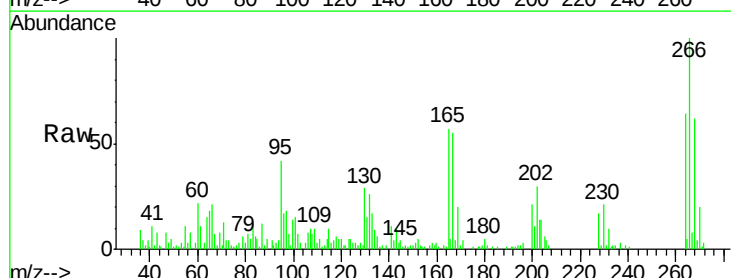
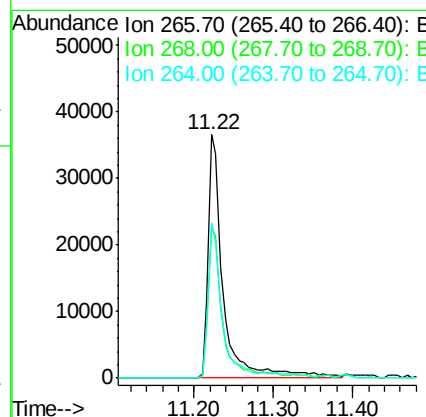
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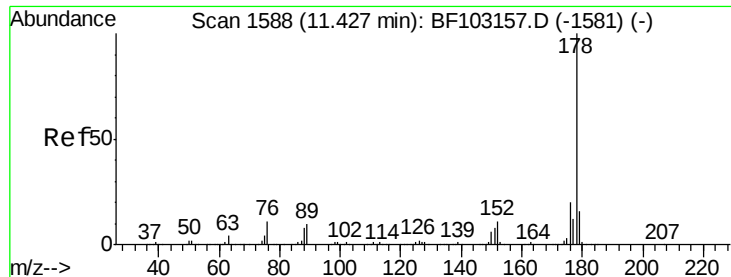
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#69
Pentachlorophenol
Concen: 31.391 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	51.1	76.7
264	64.0	49.5	74.3





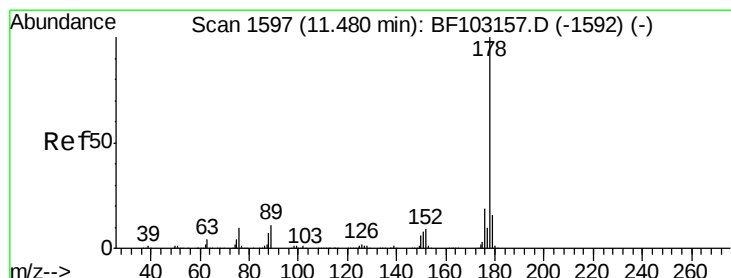
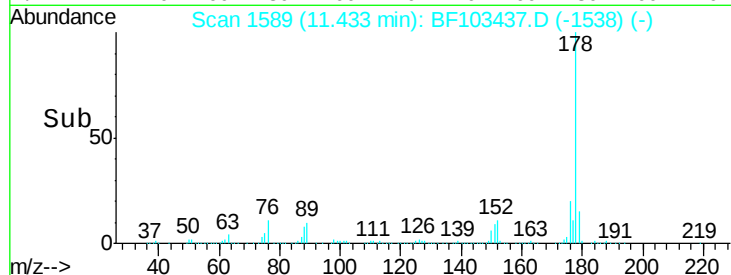
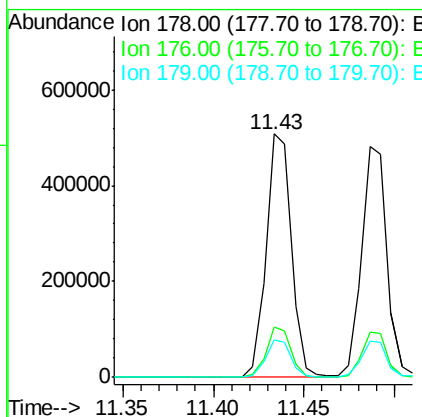
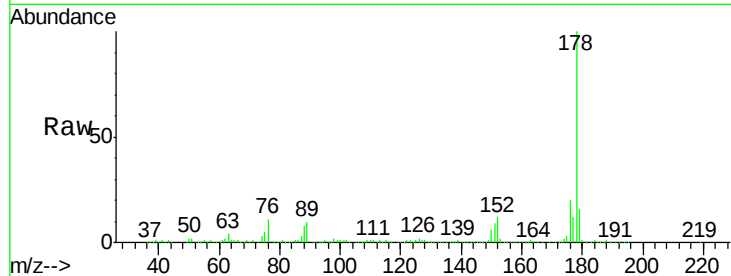
#70
Phenanthrene
Concen: 31.169 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.7	13.0	19.6

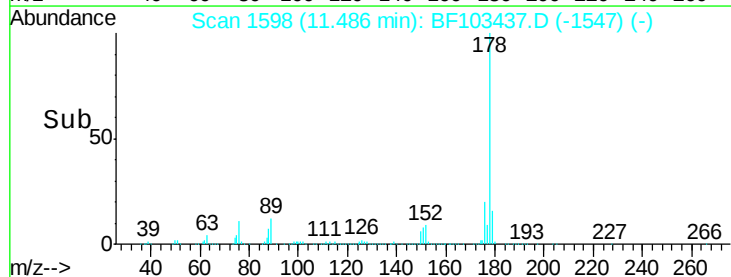
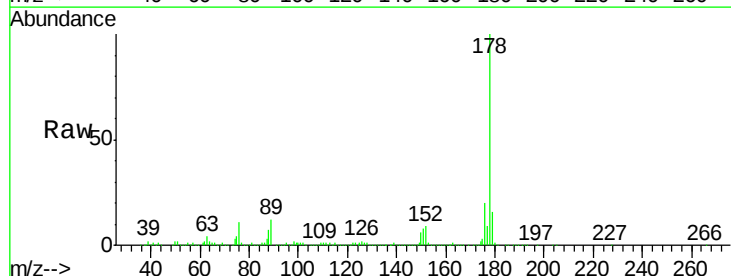
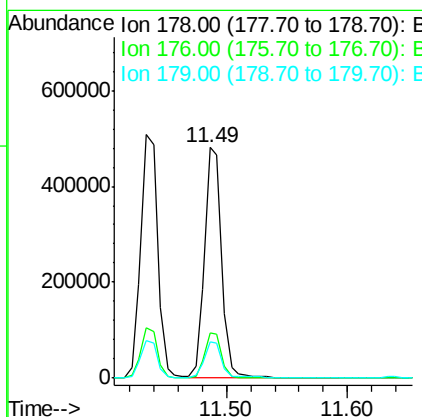
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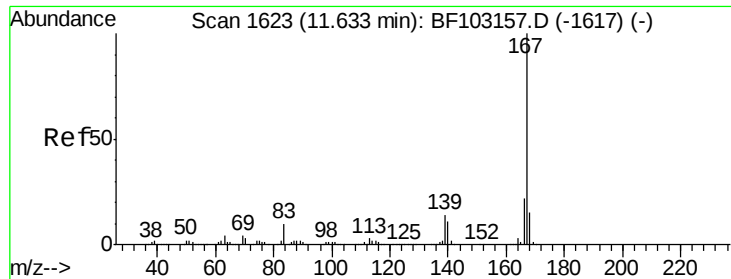
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#71
Anthracene
Concen: 29.137 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.0	12.6	19.0





#72

Carbazole

Concen: 27.580 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

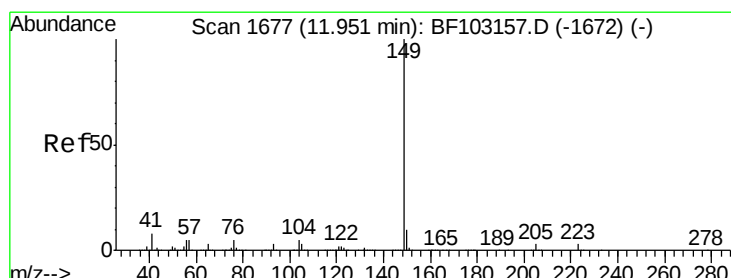
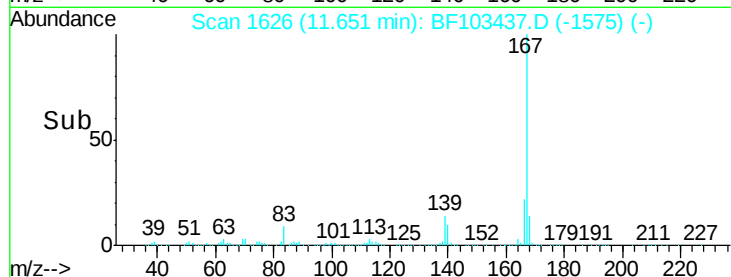
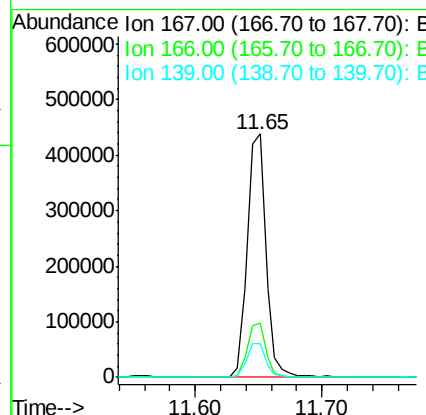
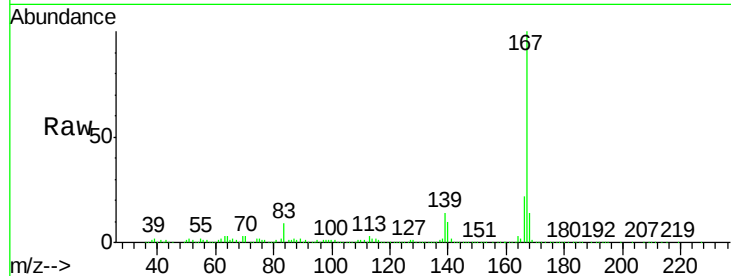
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	167	Resp:	445915
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.6	26.4
139	14.0	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 41.813 ng

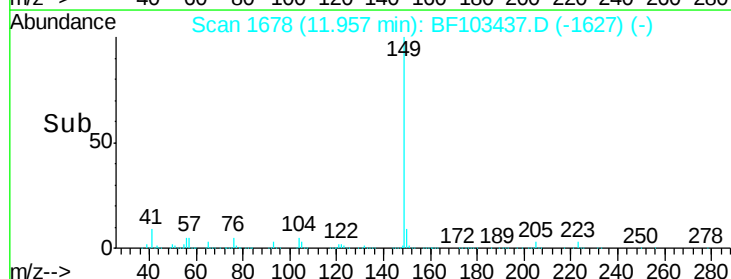
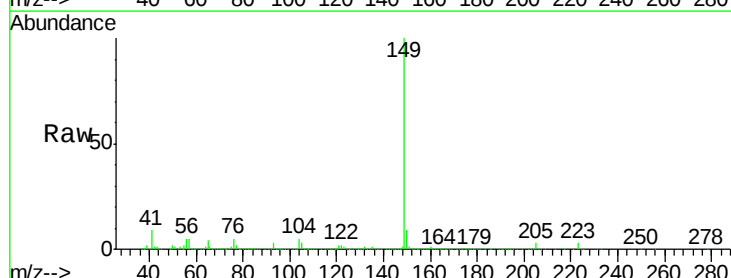
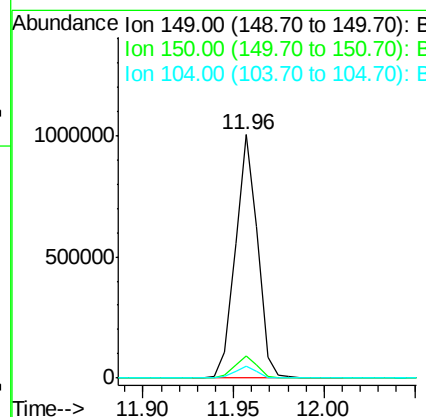
RT: 11.96 min Scan# 1678

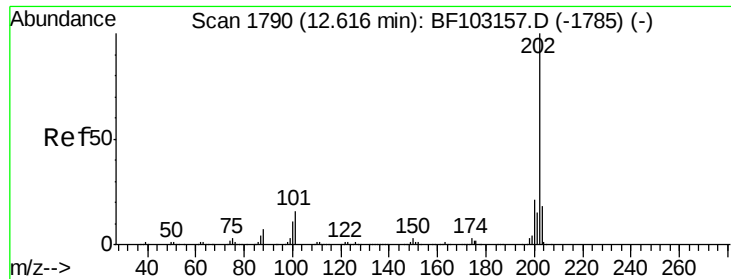
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	149	Resp:	845930
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	5.1	3.8	5.8





#74

Fluoranthene

Concen: 32.711 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

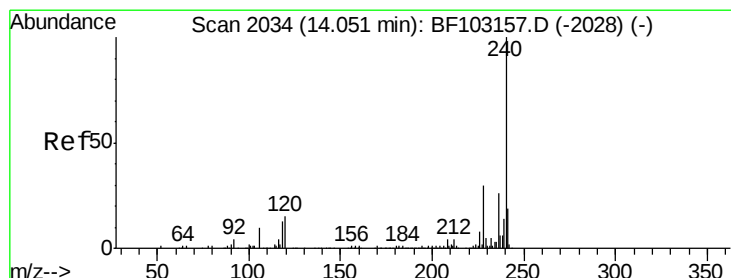
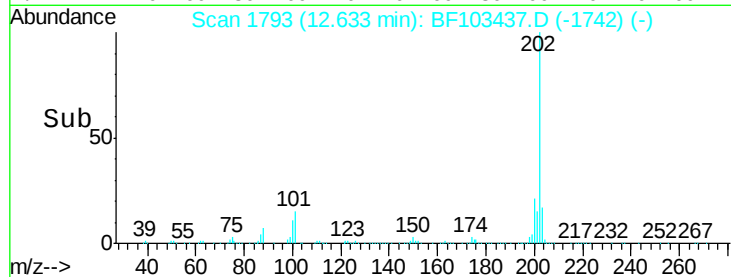
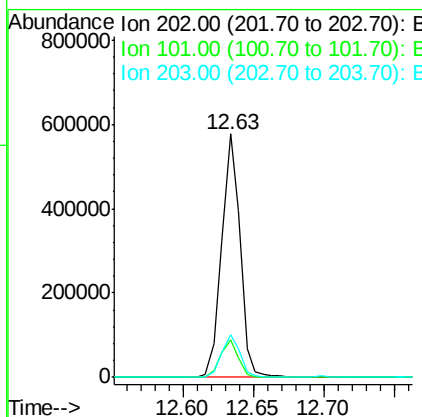
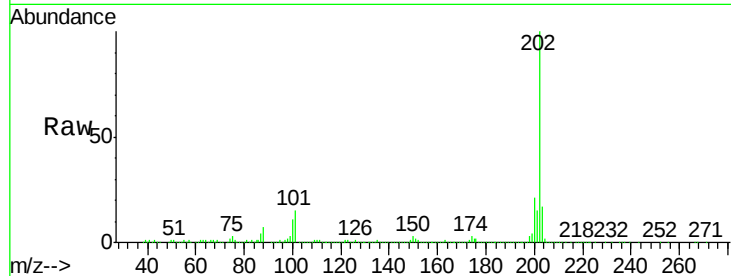
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	0.0	34.1
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

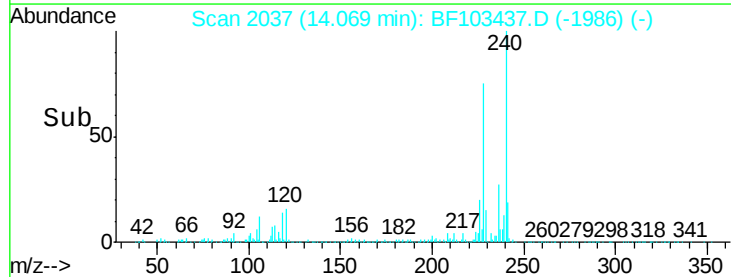
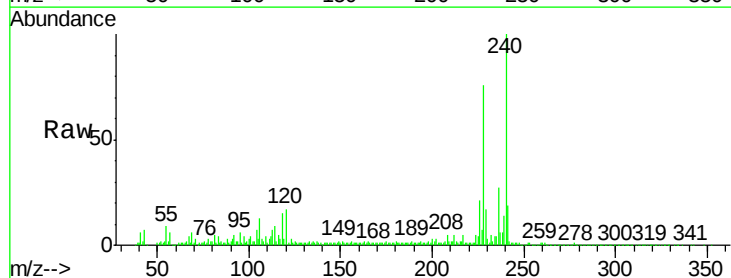
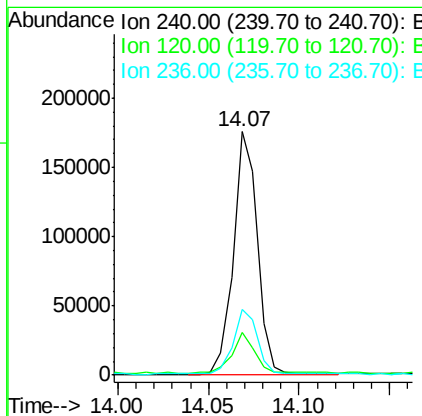
RT: 14.07 min Scan# 2037

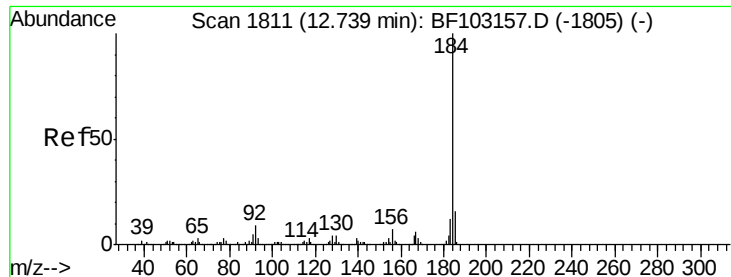
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.3	9.5	14.3#
236	27.0	20.7	31.1





#76

Benzidine

Concen: 36.244 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

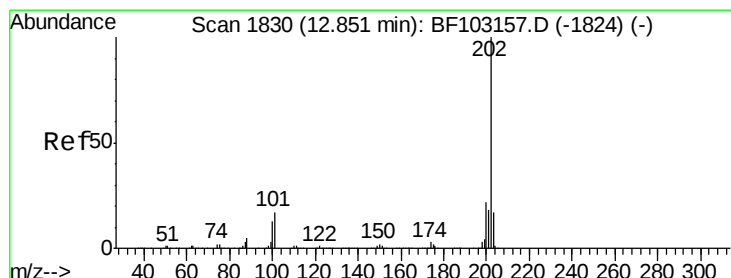
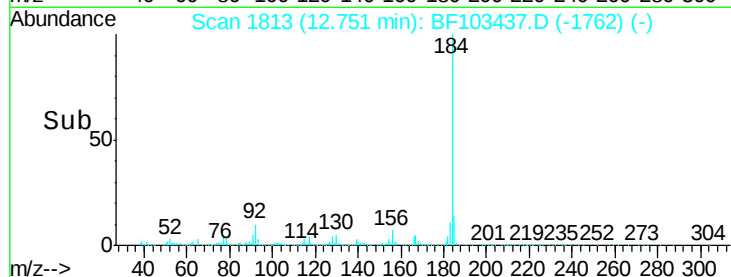
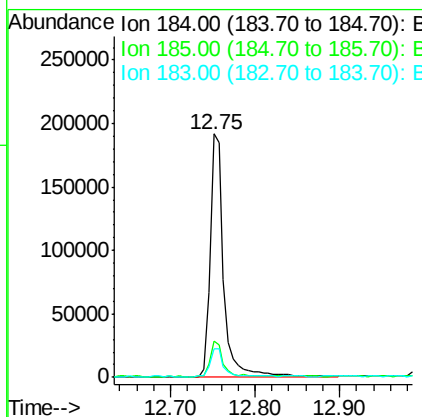
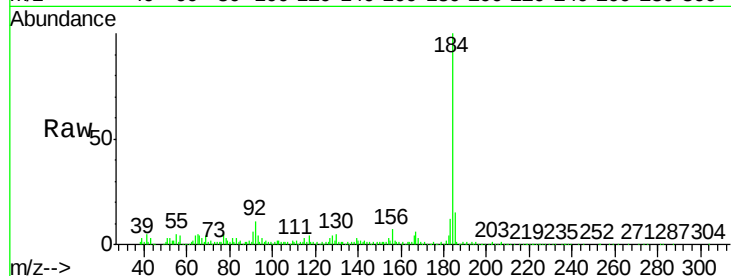
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	184	Resp:	217844
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	18.8
183	11.7	9.3	13.9

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#77

Pyrene

Concen: 43.063 ng

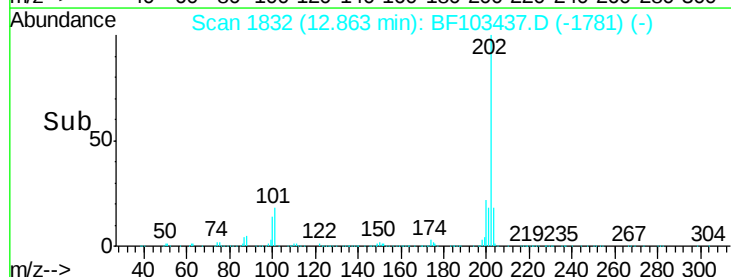
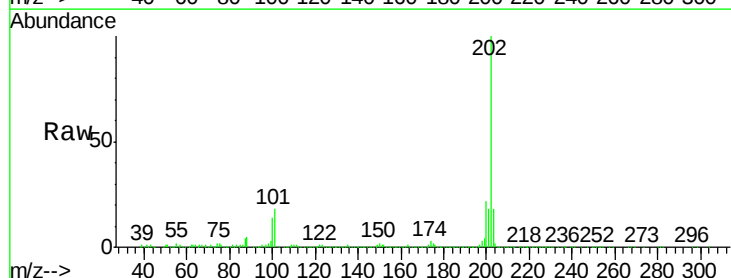
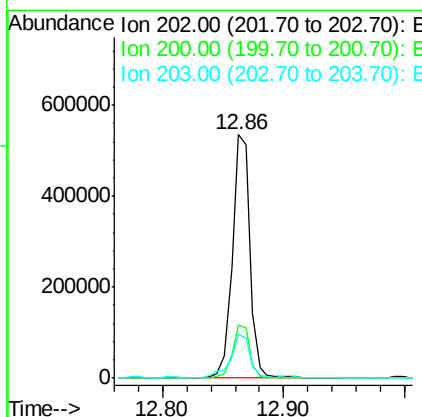
RT: 12.86 min Scan# 1832

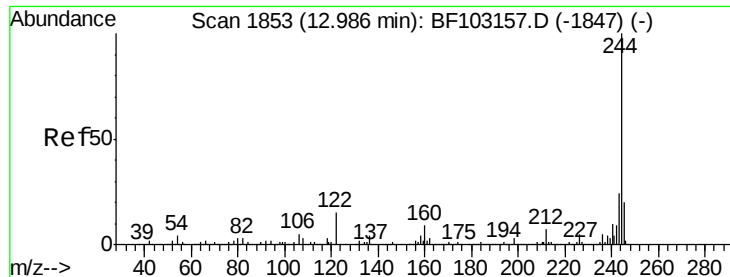
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	202	Resp:	539786
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 63.397 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

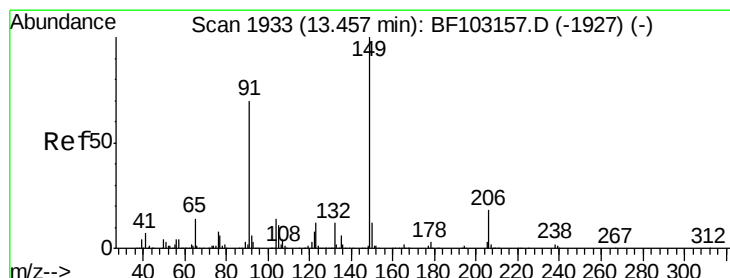
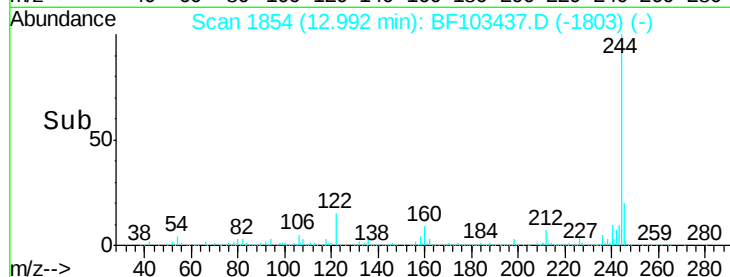
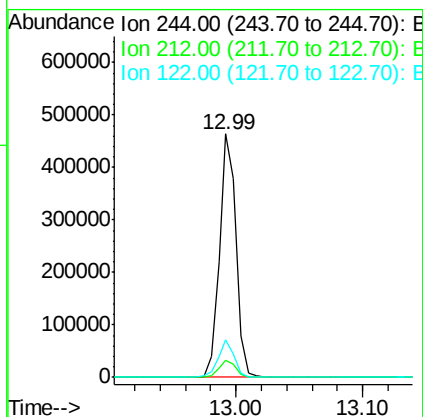
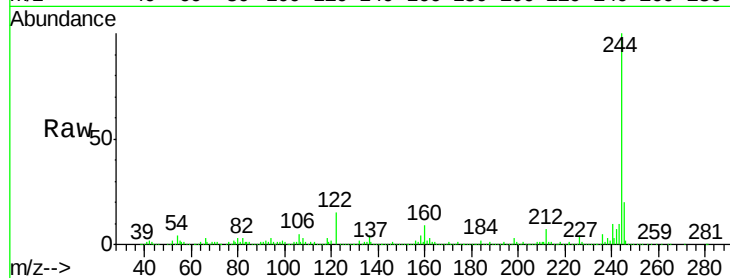
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	244	Resp:	424003
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	15.3	11.0	16.4

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 33.640 ng

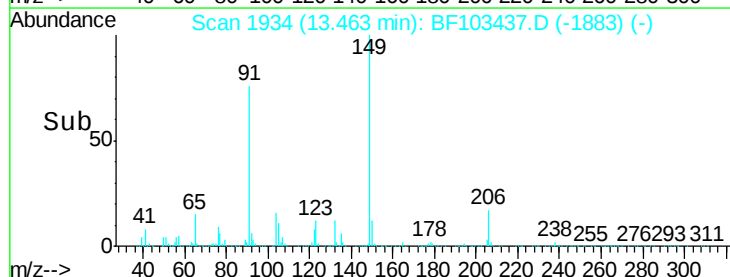
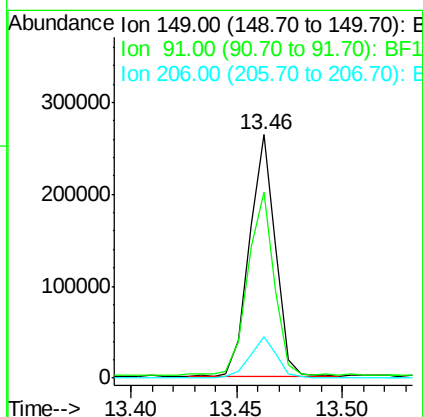
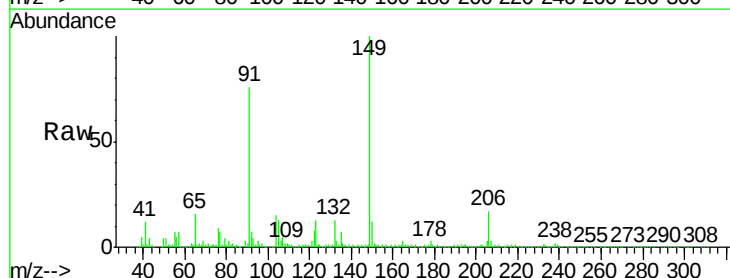
RT: 13.46 min Scan# 1934

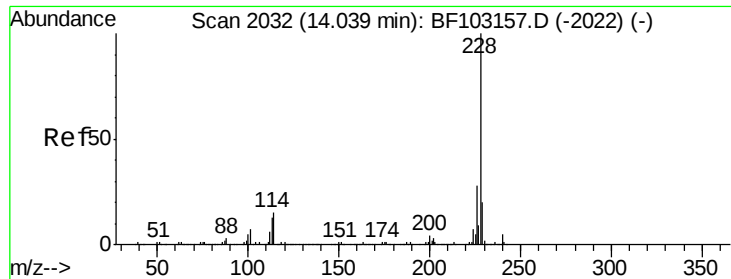
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	149	Resp:	222786
Ion Ratio	Lower	Upper	
149	100		
91	76.4	56.8	85.2
206	16.8	14.1	21.1





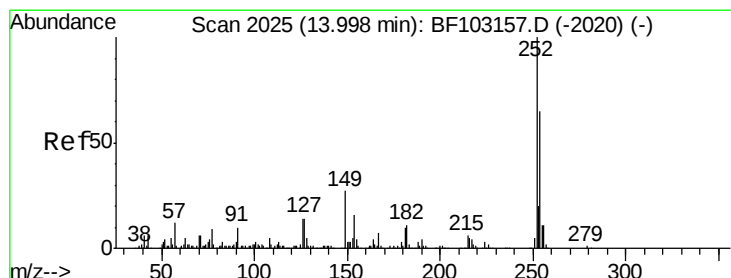
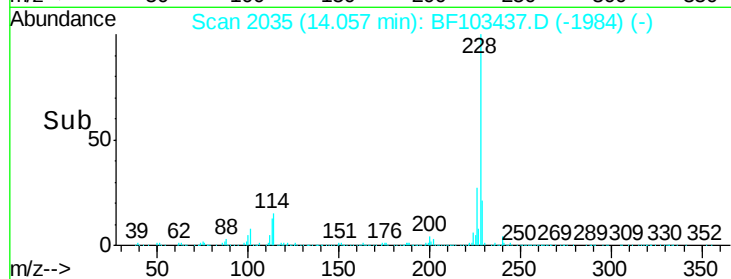
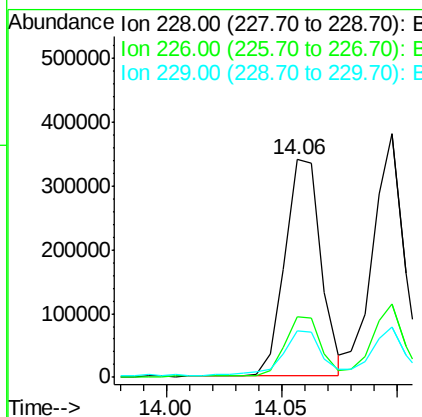
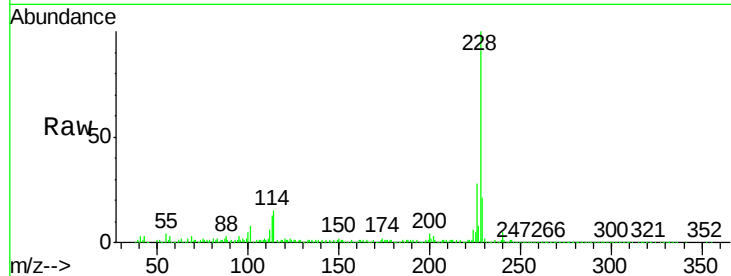
#80
Benzo(a)anthracene
Concen: 35.381 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.3	15.8	23.6

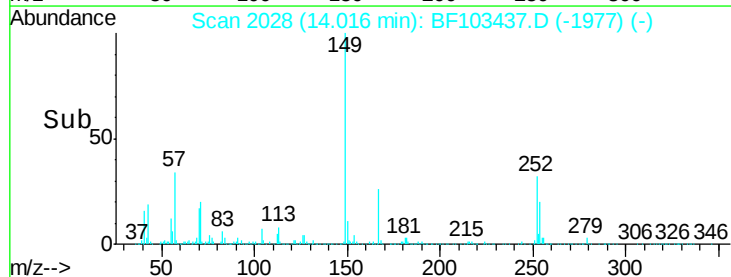
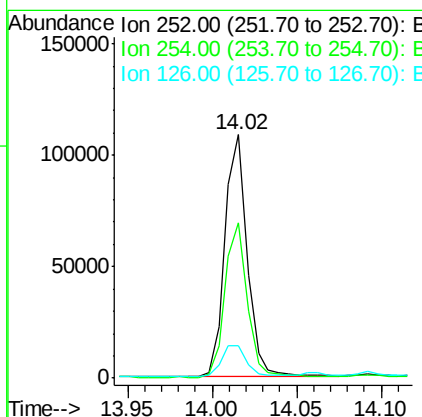
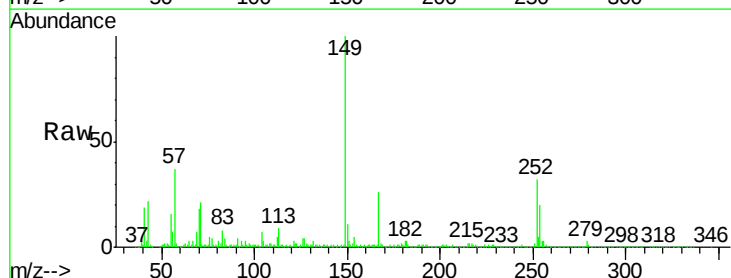
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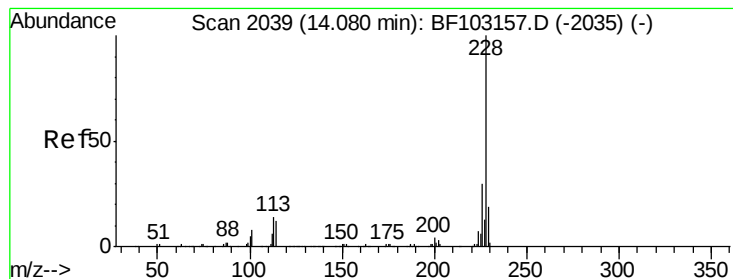
Sohil
3/6/2018 4:24:11 PM



#81
3,3'-Dichlorobenzidine
Concen: 27.030 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	13.5	11.3	16.9





#82

Chrysene

Concen: 34.597 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

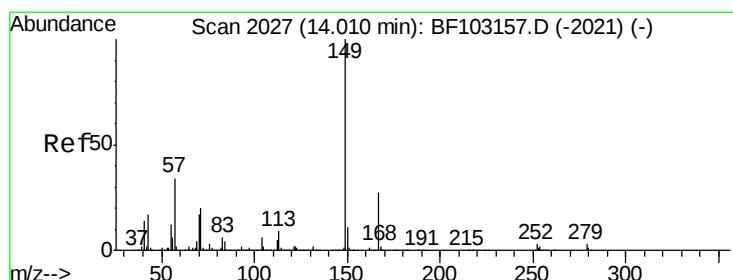
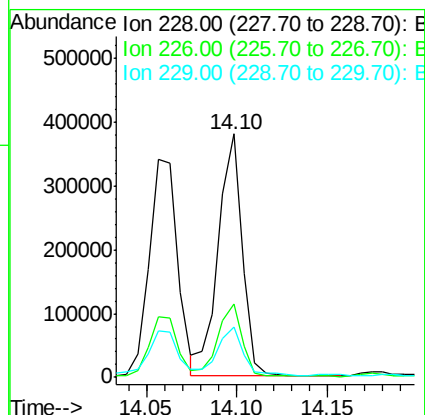
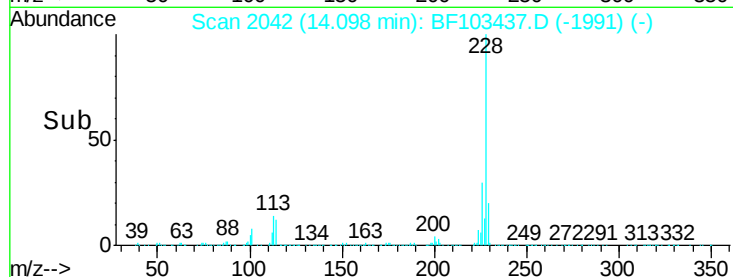
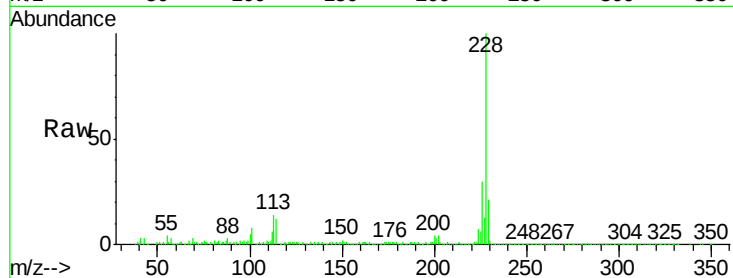
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	228	Resp:	350419
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	20.6	16.2	24.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 34.033 ng

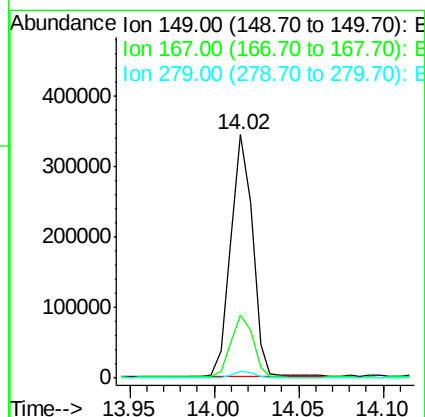
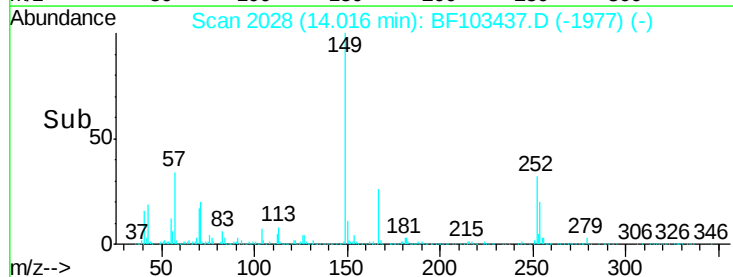
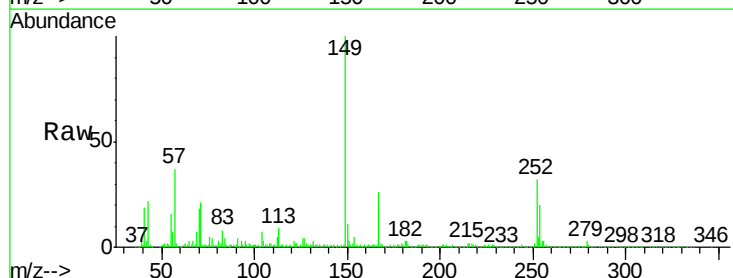
RT: 14.02 min Scan# 2028

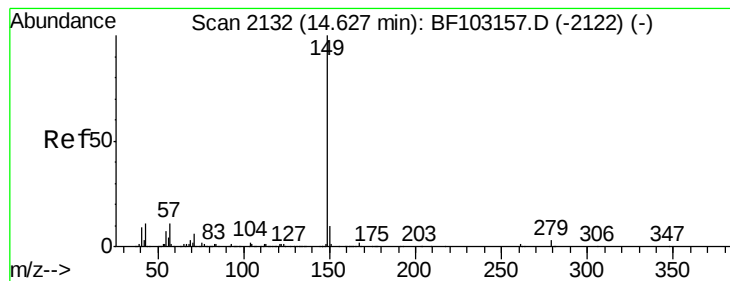
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	149	Resp:	304150
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.3	31.9
279	2.7	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 32.164 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

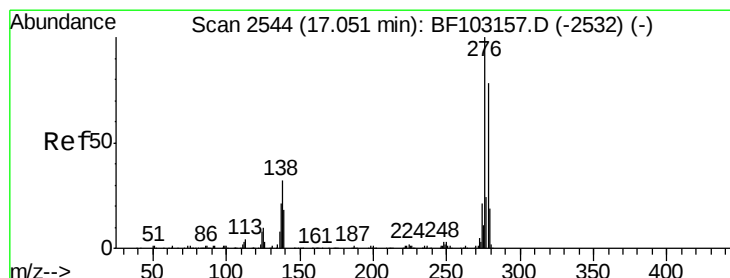
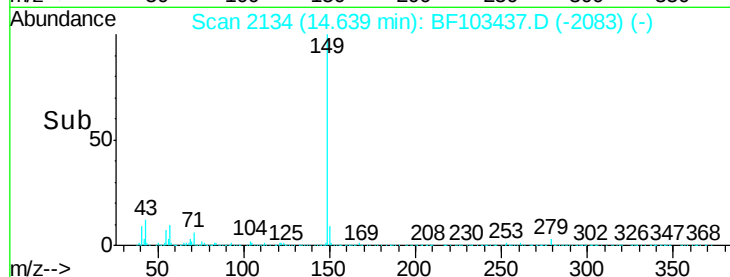
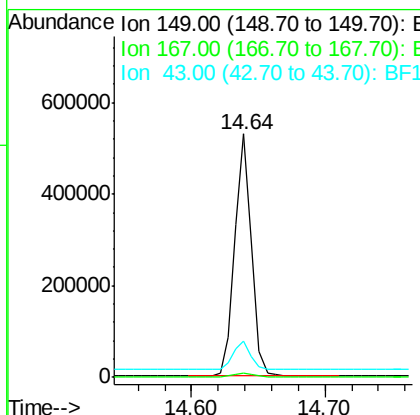
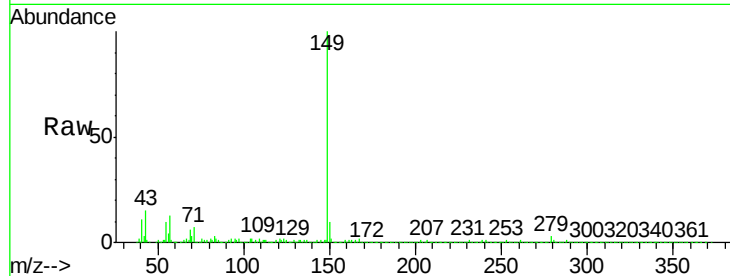
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	149	Resp:	464432
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 30.410 ng

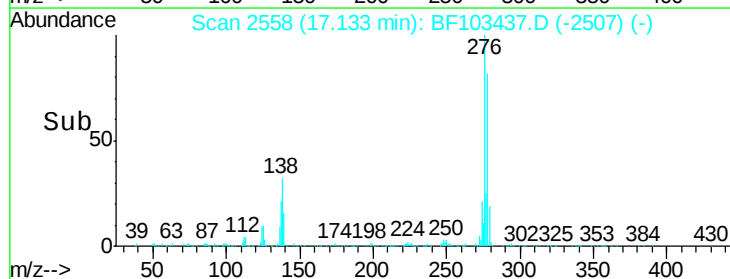
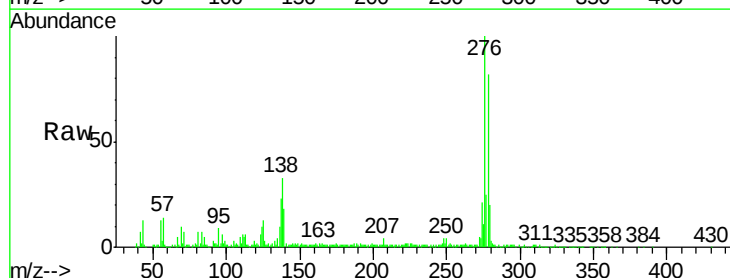
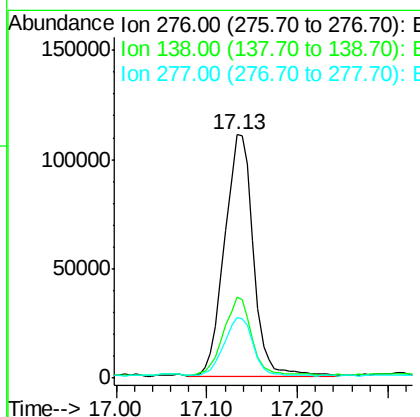
RT: 17.13 min Scan# 2558

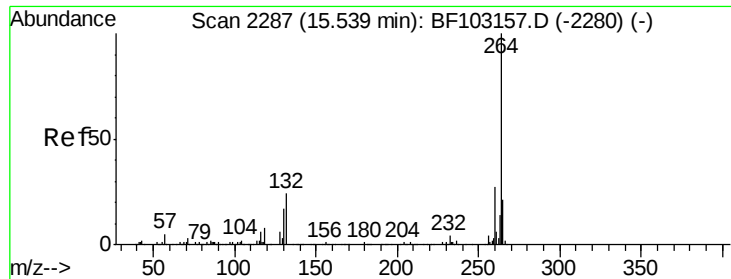
Delta R.T. 0.00 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	276	Resp:	243846
Ion Ratio	Lower	Upper	
276	100		
138	30.9	25.0	37.6
277	23.8	20.1	30.1





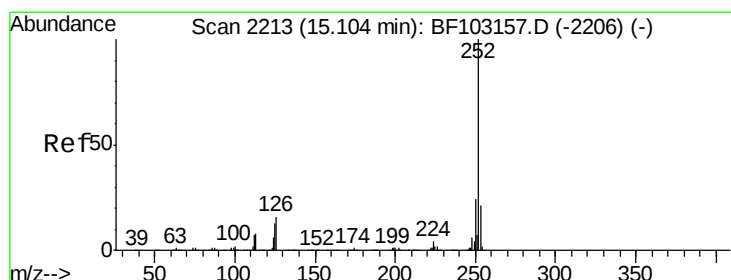
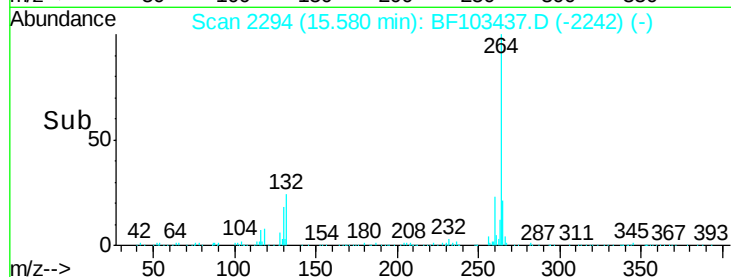
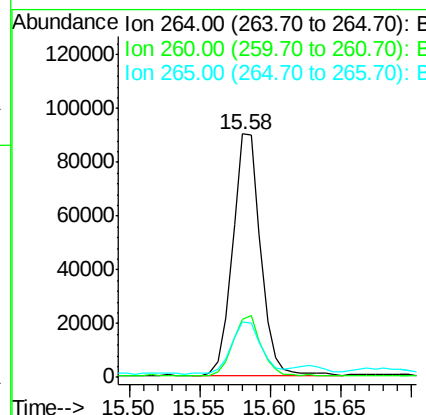
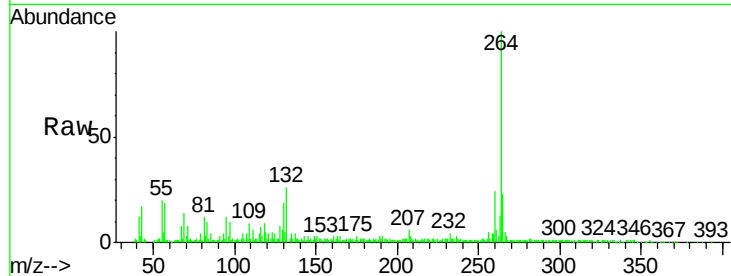
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.9	17.5	26.3

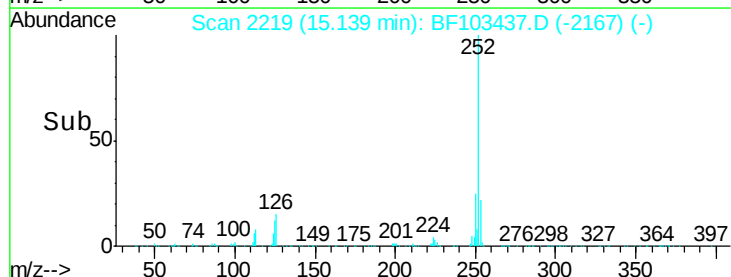
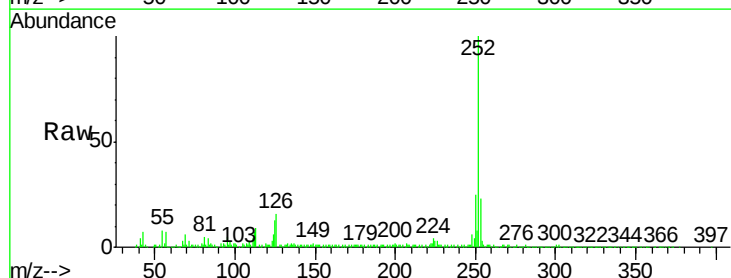
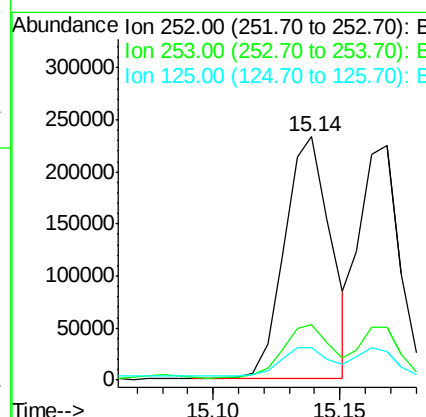
Manual Integrations
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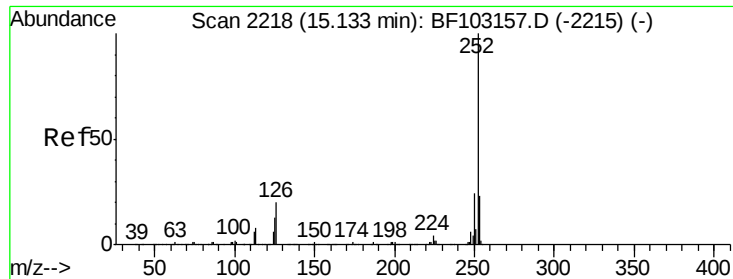
Sohil
3/6/2018 4:24:11 PM



#87
Benzo(b)fluoranthene
Concen: 36.264 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	13.2	9.0	13.6





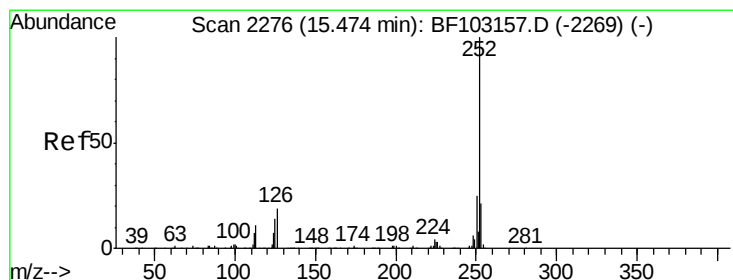
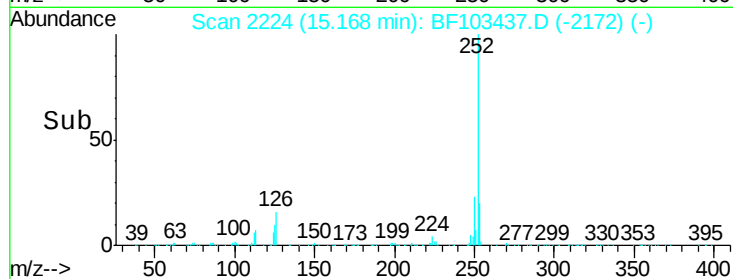
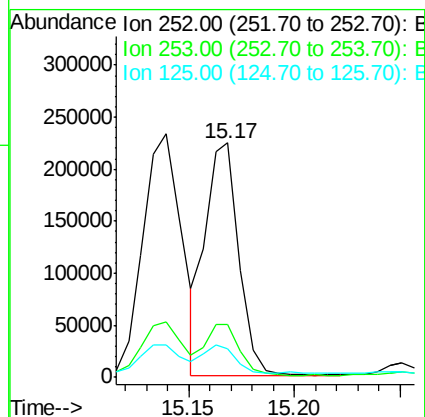
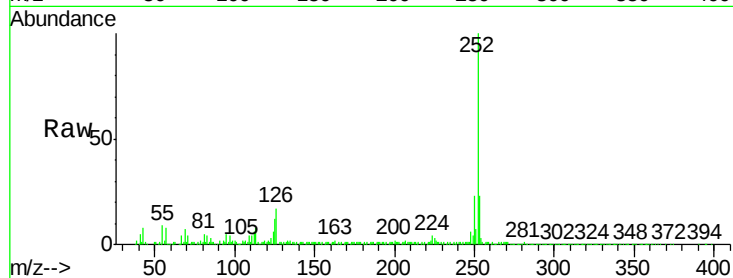
#88
Benzo(k)fluoranthene
Concen: 32.291 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-24+31-WESTMSD

Tot Ion:	252	Resp:	248355
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	12.2	10.2	15.2

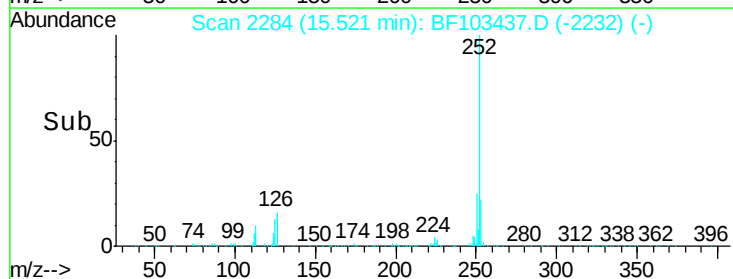
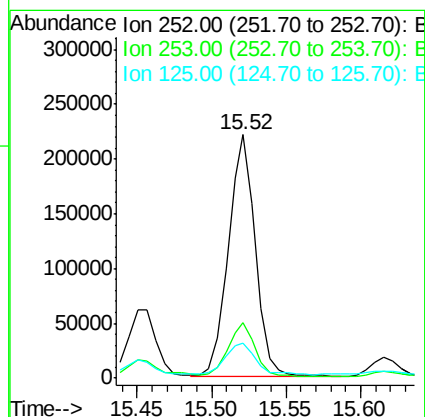
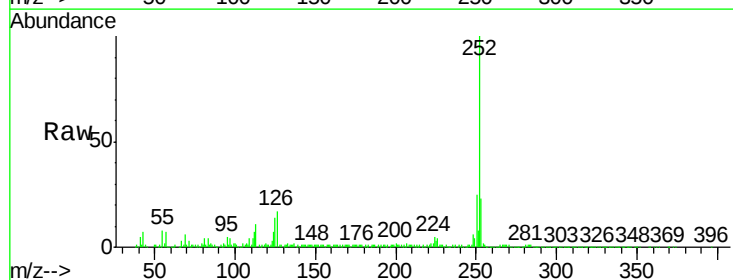
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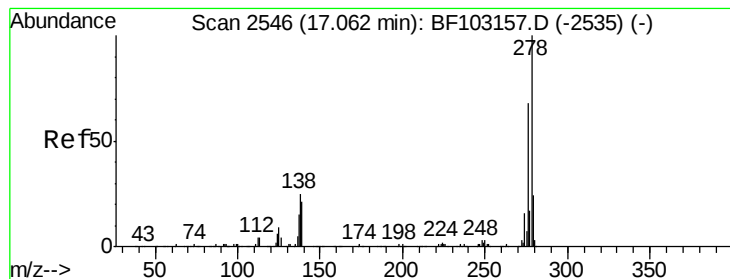
Sohil
3/6/2018 4:24:11 PM



#89
Benzo(a)pyrene
Concen: 38.534 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103437.D
Acq: 6 Mar 2018 3:58

Tgt Ion:	252	Resp:	281052
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	14.3	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 31.706 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Instrument :

BNA_F

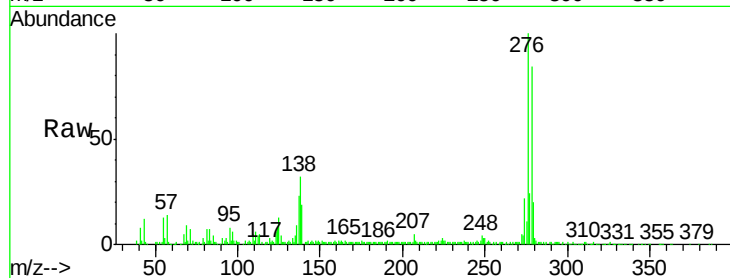
ClientSampleId :

SAMPLE-1-24+31-WESTMSD

Tot Ion:	278	Resp:	178693
Ion Ratio	Lower	Upper	
278	100		
139	22.6	15.9	23.9
279	24.3	19.0	28.4

Manual Integrations
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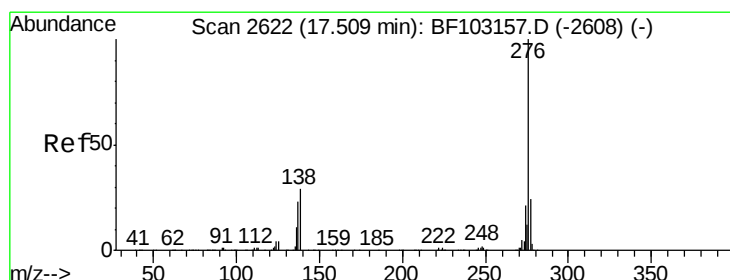
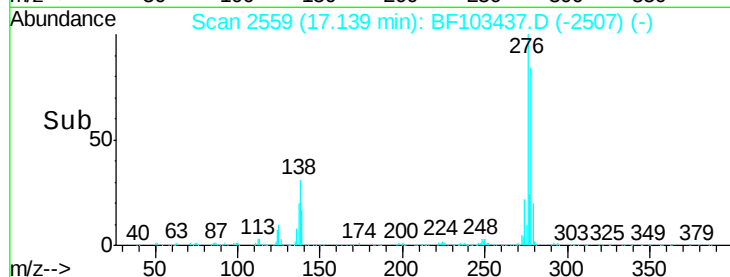
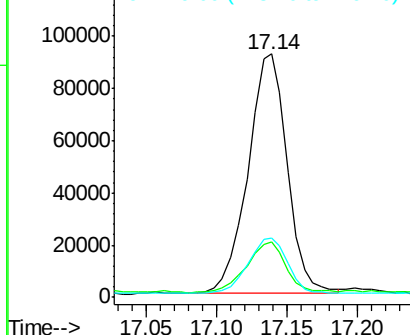


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.189 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.01 min

Lab File: BF103437.D

Acq: 6 Mar 2018 3:58

Tgt Ion:	276	Resp:	215861
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.9	26.9
138	29.8	21.8	32.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

