

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110847.D
 Acq On : 19 Nov 2018 12:37
 Operator : JU/SJ
 Sample : J5977-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Manual Integrations
 APPROVED

Sohil
 11/20/2018 11:07:20 AM

Quant Time: Nov 19 15:32:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59380	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	252102	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	120795	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	213244	20.00	ng	0.00
76) Chrysene-d12	14.13	240	129021	20.00	ng	0.00
87) Perylene-d12	15.66	264	126219	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	394354	107.87	ng	0.00
7) Phenol-d6	6.57	99	506596	108.37	ng	0.00
23) Nitrobenzene-d5	7.50	82	318740	72.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	122421	100.58	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	537912	63.60	ng	-0.01
79) Terphenyl-d14	13.06	244	410052	59.52	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	41020	22.520	ng	90
3) Pyridine	3.59	79	106348	27.049	ng	# 84
4) n-Nitrosodimethylamine	3.54	42	59629	35.347	ng	85
6) Aniline	6.61	93	80428	13.193	ng	# 55
8) 2-Chlorophenol	6.73	128	136917	31.949	ng	99
9) Benzaldehyde	6.50	77	69529	25.049	ng	97
10) Phenol	6.58	94	192287	35.474	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	122981	30.274	ng	96
12) 1,3-Dichlorobenzene	6.88	146	142533	30.397	ng	98
13) 1,4-Dichlorobenzene	6.96	146	143426	30.122	ng	99
14) 1,2-Dichlorobenzene	7.11	146	137184	30.970	ng	98
15) Benzyl Alcohol	7.08	79	119105	32.558	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	193735	30.368	ng	77
17) 2-Methylphenol	7.19	107	110914	32.520	ng	# 83
18) Hexachloroethane	7.45	117	53380	30.367	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	93046	31.181	ng	94
20) 3+4-Methylphenols	7.35	107	149747m	34.202	ng	
22) Acetophenone	7.35	105	188800	32.134	ng	# 93
24) Nitrobenzene	7.53	77	140898	31.415	ng	93
25) Isophorone	7.76	82	248933	34.695	ng	97
26) 2-Nitrophenol	7.84	139	71844	32.109	ng	100
27) 2,4-Dimethylphenol	7.87	122	118412	34.749	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	159384	32.809	ng	100
29) 2,4-Dichlorophenol	8.09	162	116078	33.106	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	124016	31.370	ng	96
31) Naphthalene	8.25	128	494787	41.808	ng	99
32) Benzoic acid	7.97	122	13448	5.578	ng	93
33) 4-Chloroaniline	8.30	127	42927	8.008	ng	99
34) Hexachlorobutadiene	8.35	225	68349	30.269	ng	99
35) Caprolactam	8.66	113	35966	30.702	ng	# 86
36) 4-Chloro-3-methylphenol	8.78	107	127381	33.685	ng	96
37) 2-Methylnaphthalene	8.93	142	292387	37.687	ng	100
38) 1-Methylnaphthalene	9.03	142	271048	36.327	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	117509	30.732	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	13934	16.081	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	78815	32.802	nq	99
44) 2,4,5-Trichlorophenol	9.26	196	84253	32.873	nq	96
46) 1,1'-Biphenyl	9.40	154	341613	30.316	nq	99
47) 2-Chloronaphthalene	9.43	162	254393	31.336	nq	98
48) 2-Nitroaniline	9.53	65	83409	33.341	nq	94
49) Acenaphthylene	9.85	152	408943	34.978	nq	99
50) Dimethylphthalate	9.69	163	402302	44.634	nq	99
51) 2,6-Dinitrotoluene	9.77	165	63343	31.947	nq	95
52) Acenaphthene	10.02	154	280027	37.900	nq	97
53) 3-Nitroaniline	9.95	138	39941	17.387	nq	96
54) 2,4-Dinitrophenol	10.07	184	12202	19.242	nq	97
55) Dibenzofuran	10.19	168	373057	34.511	nq	96
56) 4-Nitrophenol	10.11	139	87636	57.505	nq	97
57) 2,4-Dinitrotoluene	10.18	165	84038	32.598	nq	98
58) Fluorene	10.53	166	327698	39.467	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	68409	33.928	nq	92
60) Diethylphthalate	10.39	149	296805	33.285	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	130383	30.328	nq	96
62) 4-Nitroaniline	10.56	138	61146	26.434	nq	95
63) Azobenzene	10.68	77	270689	31.114	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	13724	12.770	nq	87
66) n-Nitrosodiphenylamine	10.64	169	241235	33.562	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	76116	32.297	nq	# 89
68) Hexachlorobenzene	11.09	284	79098	31.833	nq	97
69) Atrazine	11.16	200	74937	34.097	nq	98
70) Pentachlorophenol	11.29	266	68665	51.790	nq	97
71) Phenanthrene	11.51	178	921082	80.623	nq	99
72) Anthracene	11.56	178	561018	48.680	nq	98
73) Carbazole	11.71	167	365655	33.038	nq	99
74) Di-n-butylphthalate	12.02	149	440481	33.938	nq	98
75) Fluoranthene	12.71	202	1051896	91.838	nq	98
77) Benzidine	12.82	184	58929	16.609	nq	95
78) Pyrene	12.93	202	969788	97.620	nq	99
80) Butylbenzylphthalate	13.53	149	146534	34.270	nq	98
81) Benzo(a)anthracene	14.13	228	578672	75.038	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	55919	21.646	nq	98
83) Chrysene	14.16	228	519861	70.759	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	195512	36.859	nq	99
85) Di-n-octyl phthalate	14.69	149	327949	42.044	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	351140	66.603	nq	98
88) Benzo(b)fluoranthene	15.22	252	604875	80.107	nq	98
89) Benzo(k)fluoranthene	15.24	252	353894	47.432	nq	99
90) Benzo(a)pyrene	15.60	252	502703	73.275	nq	99
91) Dibenzo(a,h)anthracene	17.25	278	208871	35.977	nq	99
92) Benzo(g,h,i)perylene	17.73	276	297032	51.565	nq	98

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

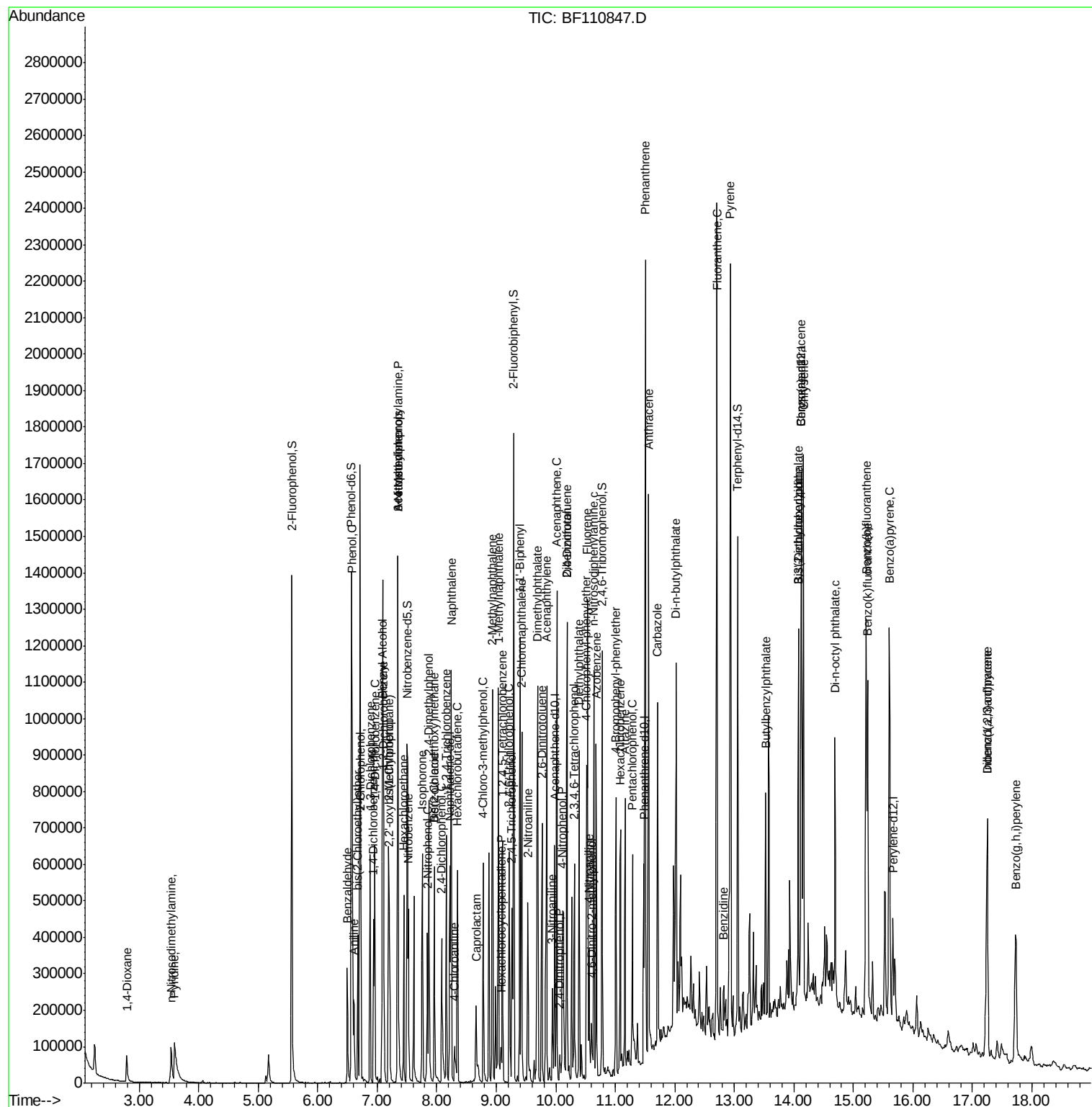
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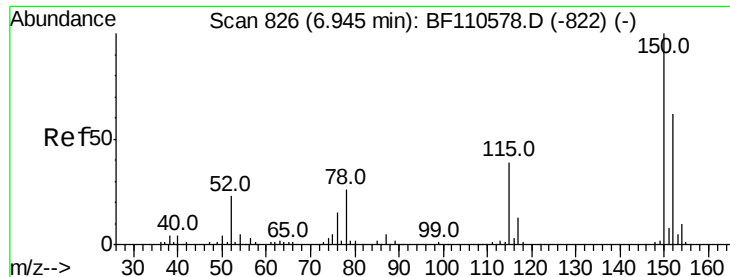
Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

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#1

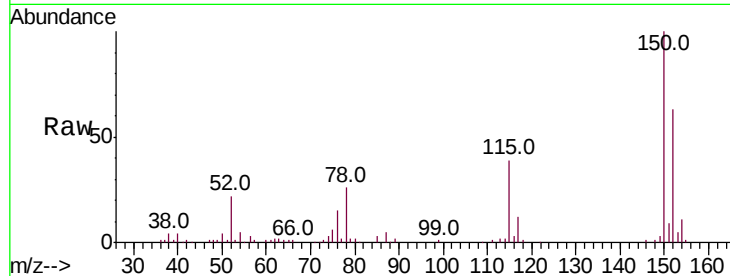
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.7	184.1
115	62.7	49.1	73.7

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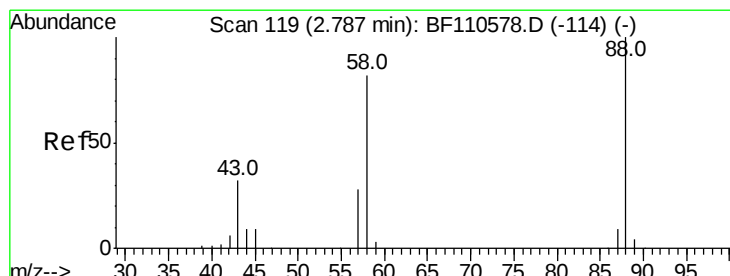
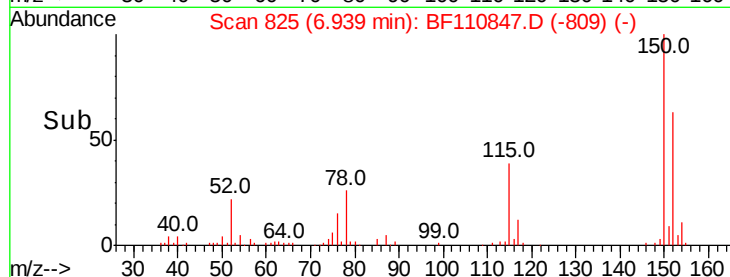
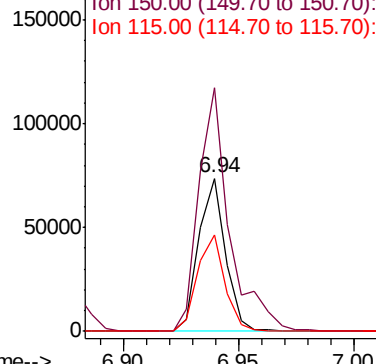


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

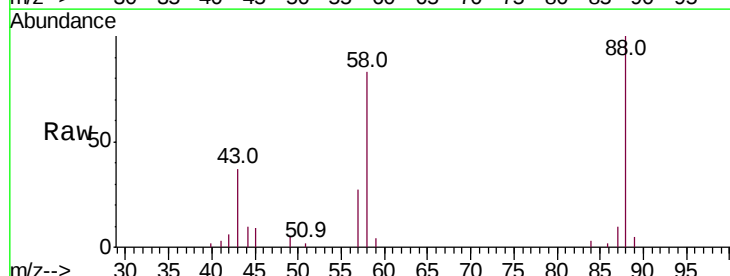
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.520 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	57.1	85.7
43	31.0	24.1	36.1

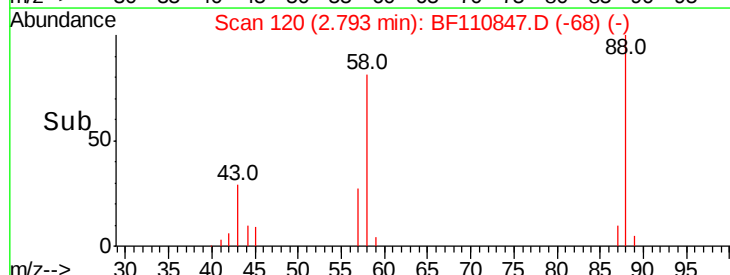
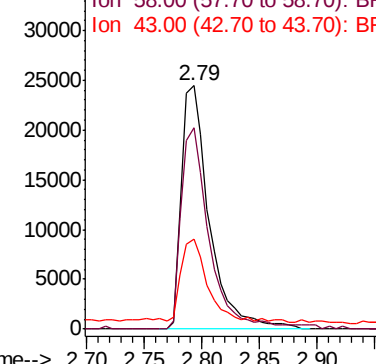


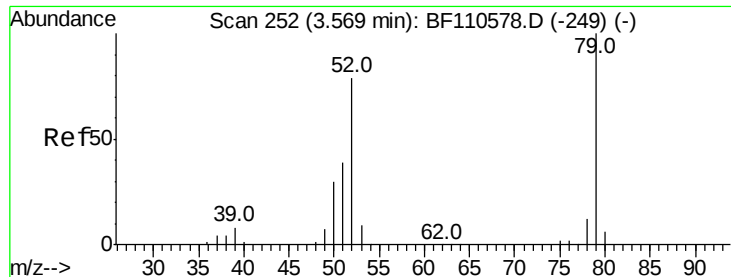
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





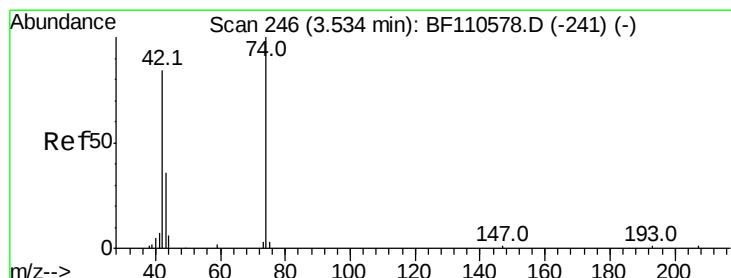
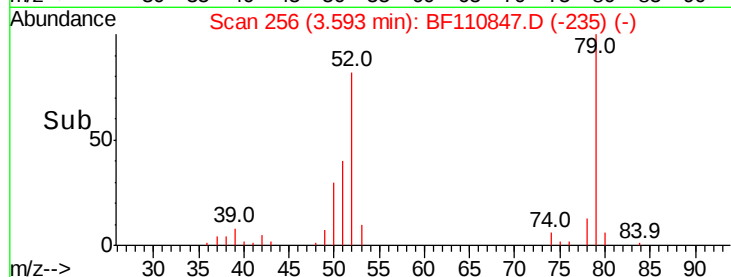
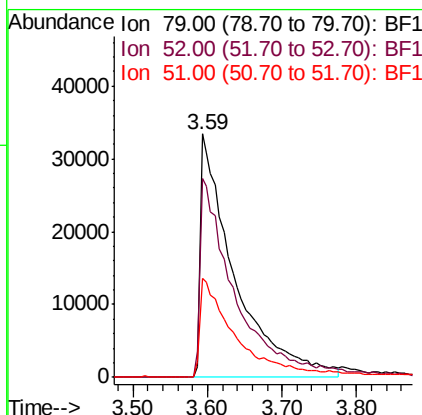
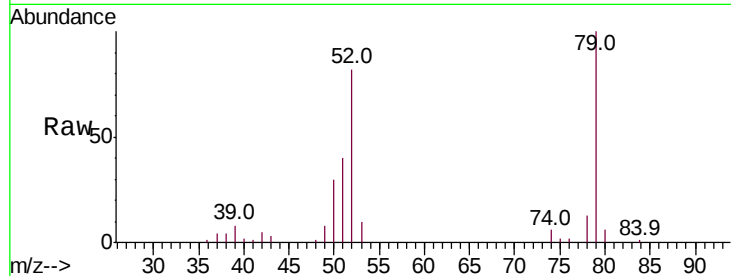
#3
 Pvridine
 Concen: 27.049 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.02 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.8	53.1	79.7#
51	40.5	27.4	41.2

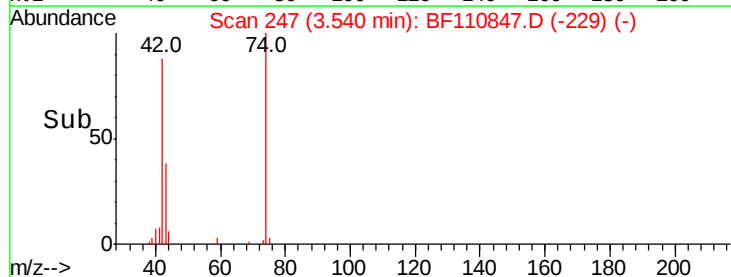
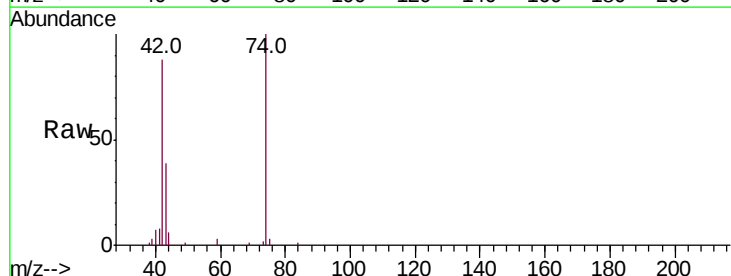
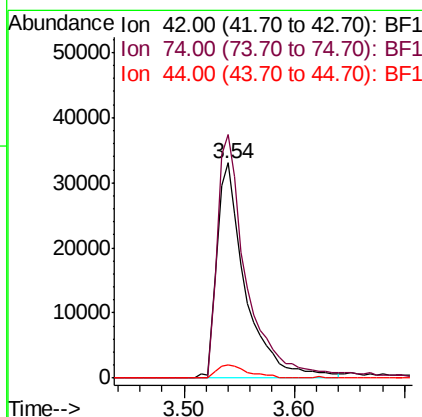
Manual Integrations
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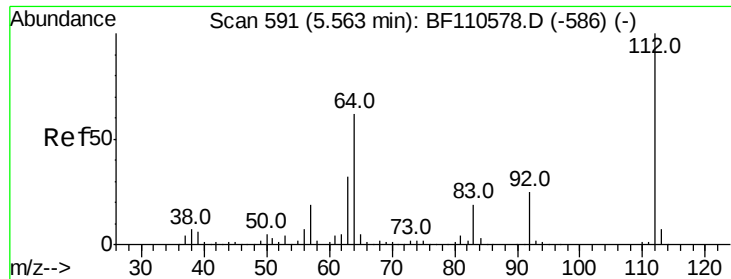
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#4
 n-Nitrosodimethylamine
 Concen: 35.347 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.1	105.5	158.3
44	6.4	4.9	7.3





#5

2-Fluorophenol

Concen: 107.874 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

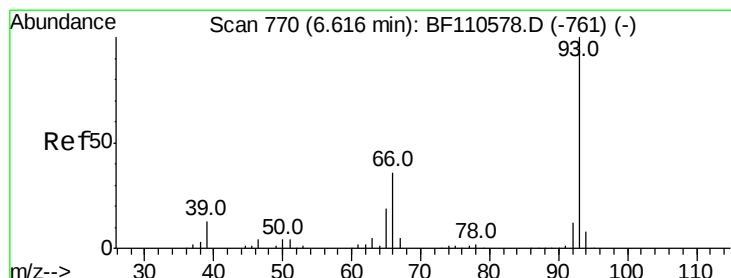
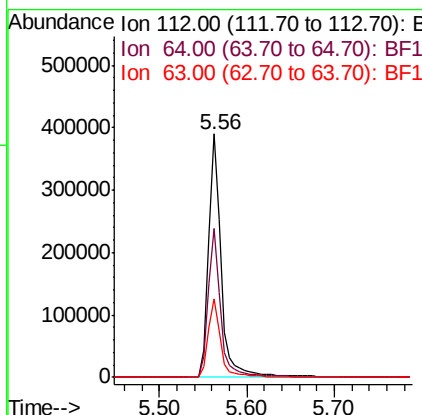
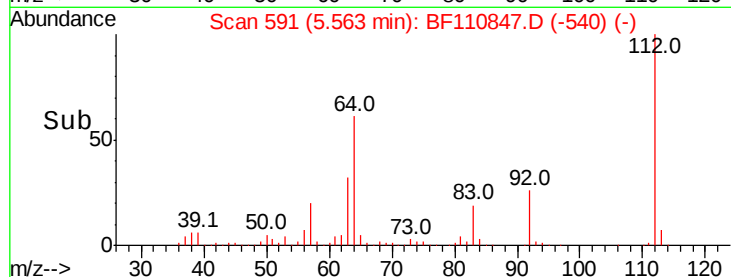
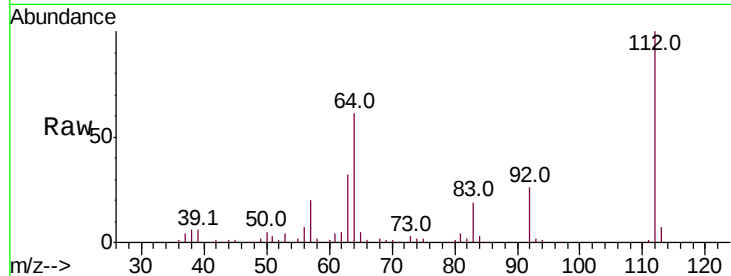
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	112	Resp:	394354
Ion Ratio	Lower	Upper	
112	100		
64	61.2	44.1	66.1
63	32.3	23.7	35.5

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#6

Aniline

Concen: 13.193 ng

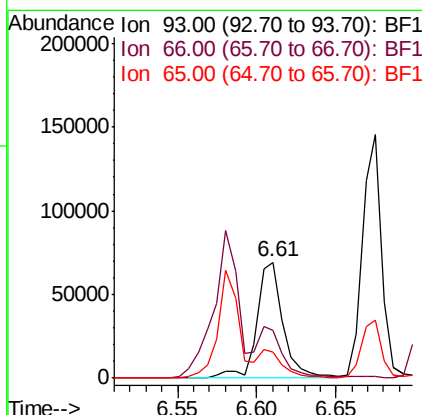
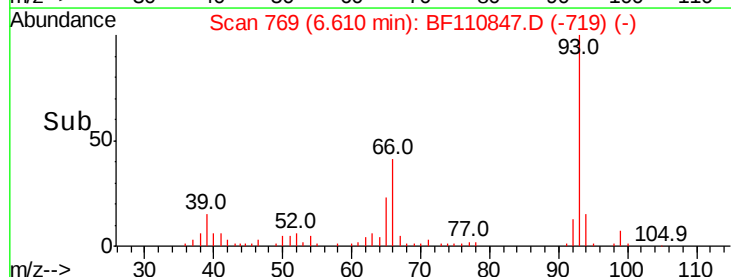
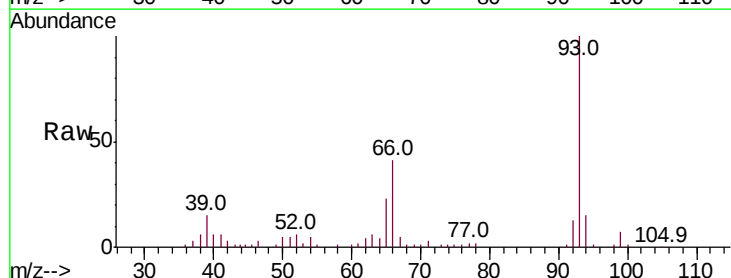
RT: 6.61 min Scan# 769

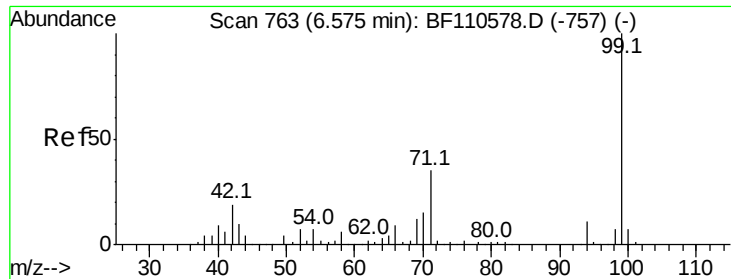
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	93	Resp:	80428
Ion Ratio	Lower	Upper	
93	100		
66	41.5	67.4	101.0#
65	22.6	41.0	61.4#





#7

Phenol-d6

Concen: 108.369 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

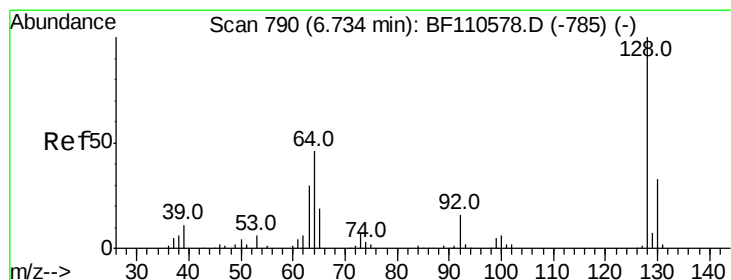
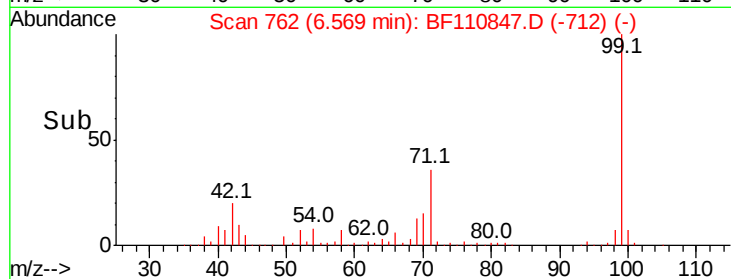
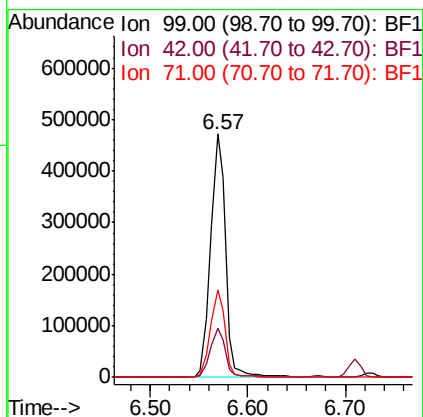
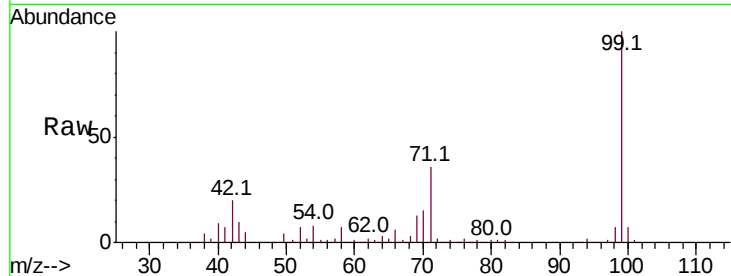
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		506596		
42	20.3	15.8	23.6		
71	35.9	28.0	42.0		

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#8

2-Chlorophenol

Concen: 31.949 ng

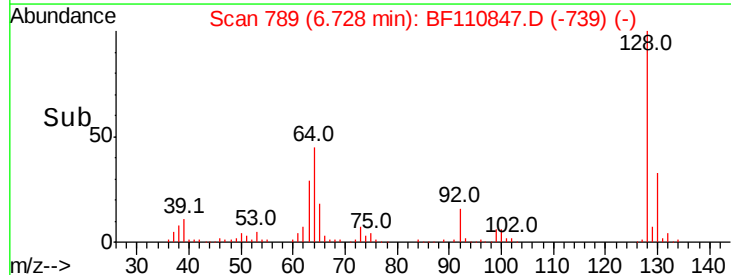
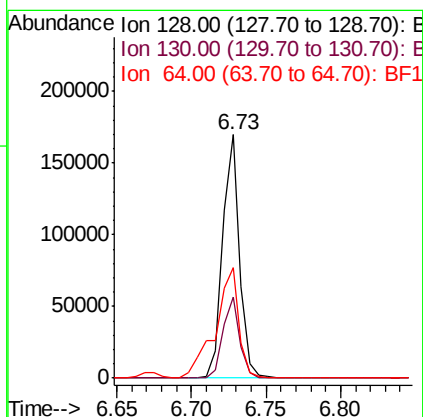
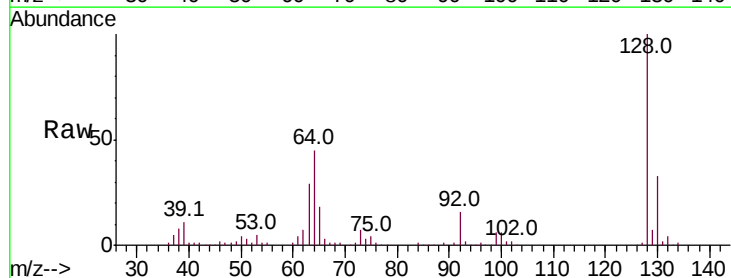
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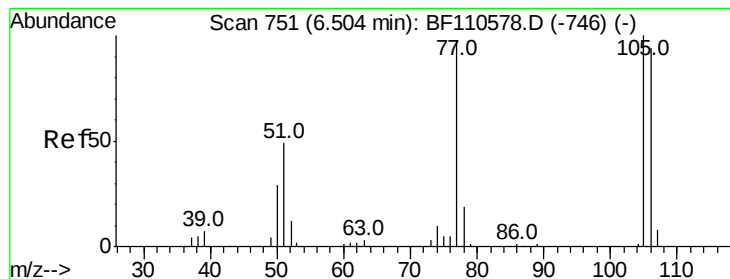
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		136917		
130	33.3	13.1	53.1		
64	45.4	26.0	66.0		





#9

Benzaldehyde

Concen: 25.049 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

ClientSampleId :

MMTW-03(8-10)MS

Tot Ion: 77 Resp: 69529

Ion Ratio Lower Upper

77 100

105 101.8 78.6 118.6

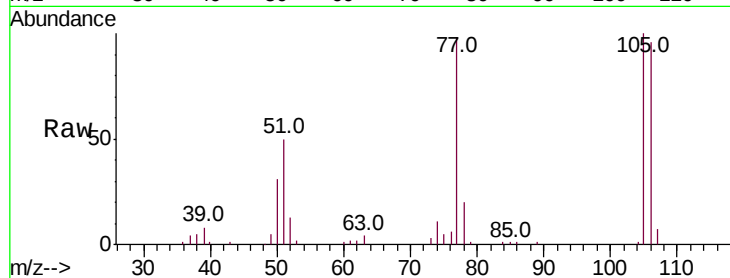
106 97.6 74.8 114.8

Manual Integrations

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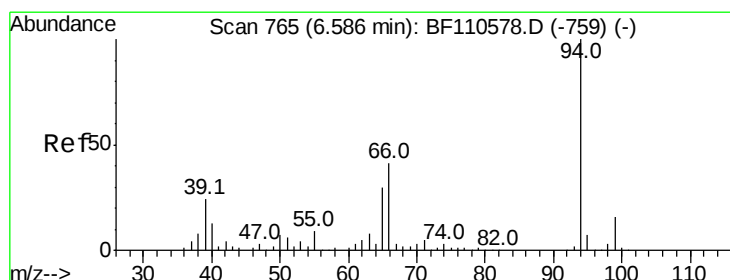
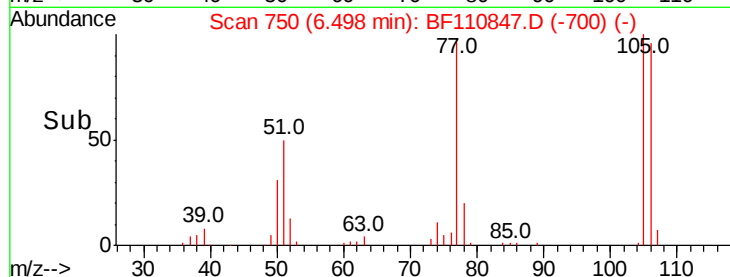
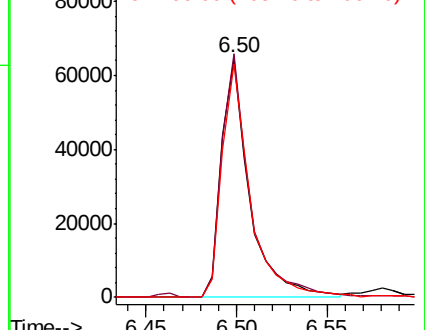
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.474 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

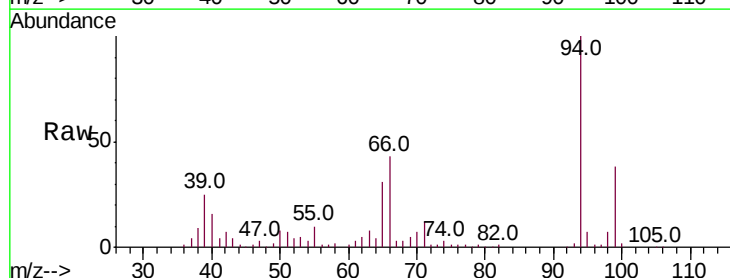
Tgt Ion: 94 Resp: 192287

Ion Ratio Lower Upper

94 100

65 31.5 25.3 65.3

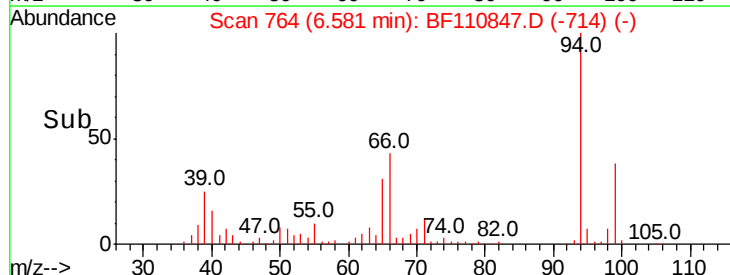
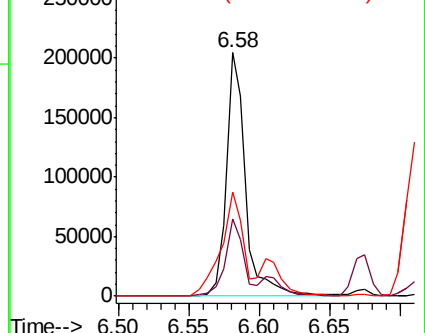
66 43.0 54.5 94.5#

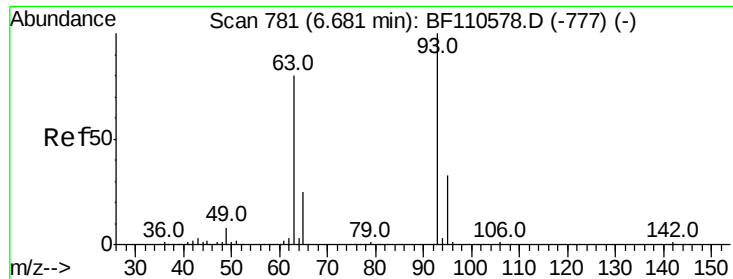


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





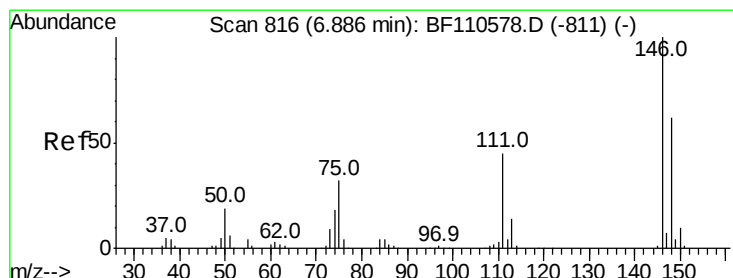
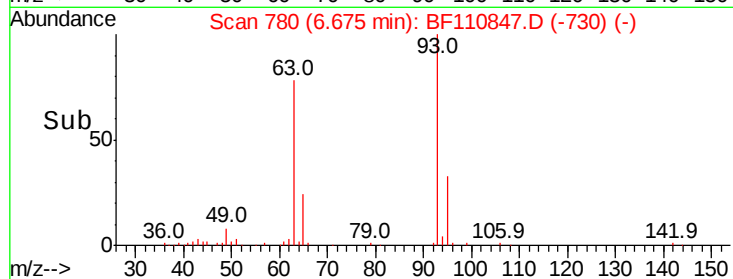
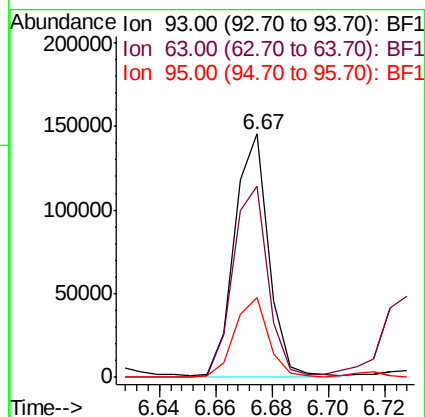
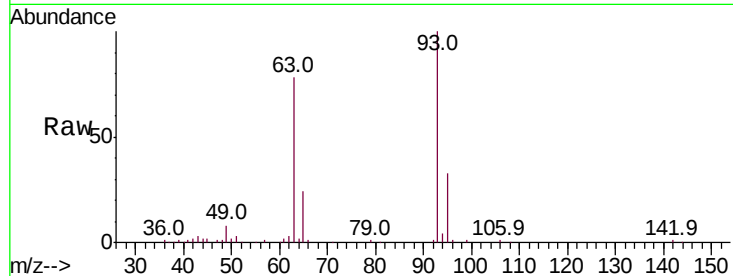
#11
bis(2-Chloroethyl)ether
Concen: 30.274 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	53.4	93.4
95	32.7	12.1	52.1

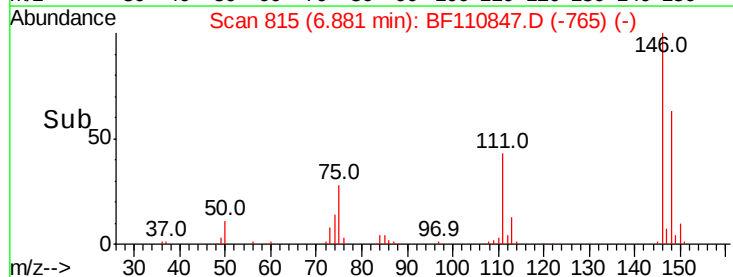
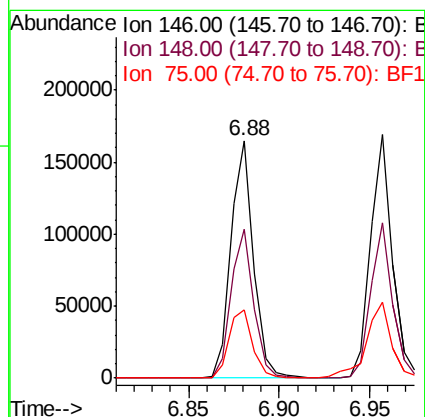
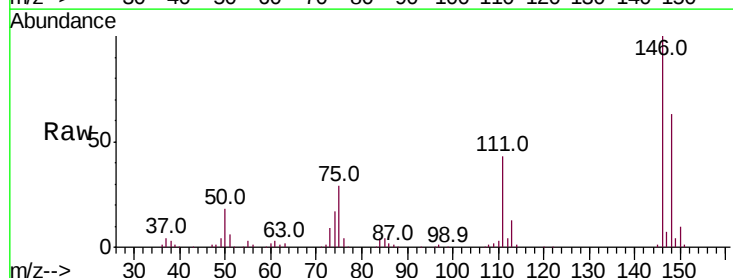
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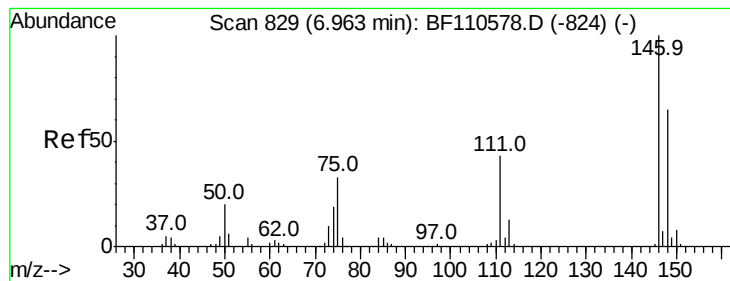
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#12
1,3-Dichlorobenzene
Concen: 30.397 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
75	28.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 30.122 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

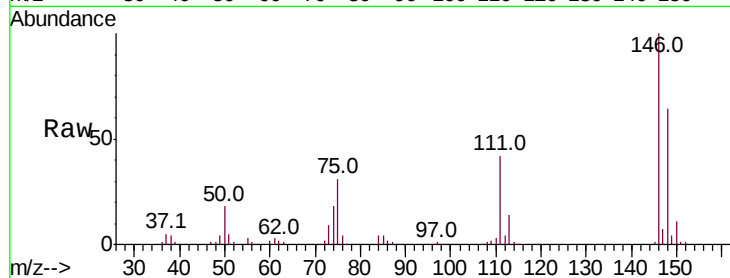
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	41.8	32.7	49.1

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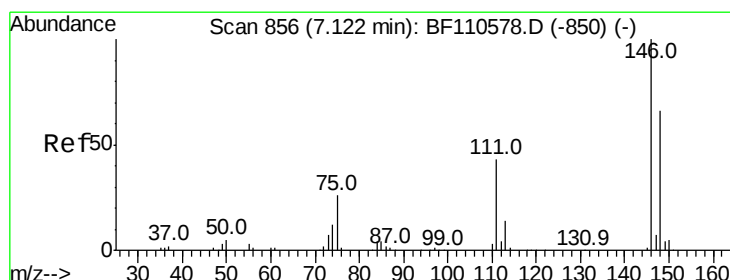
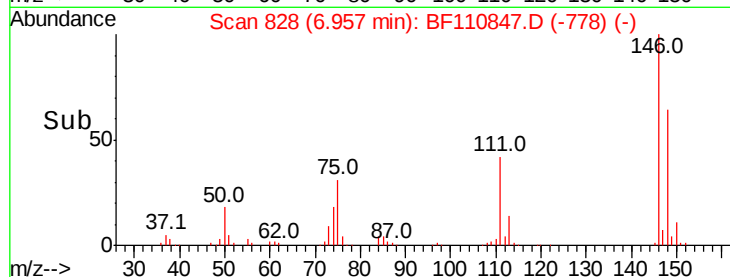
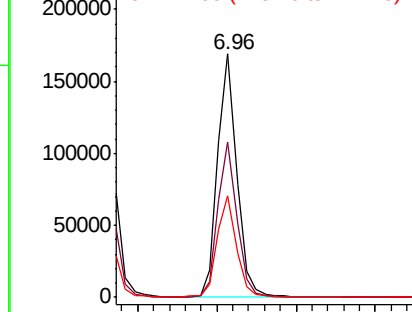


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.970 ng

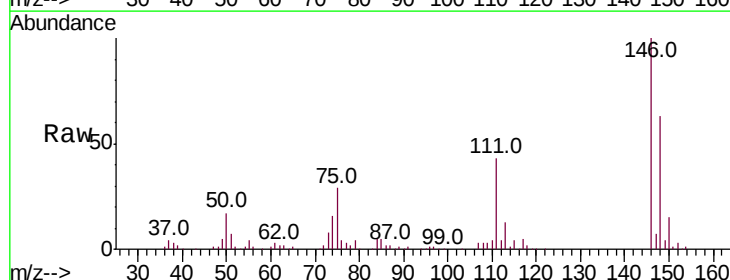
RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	43.3	35.8	53.6

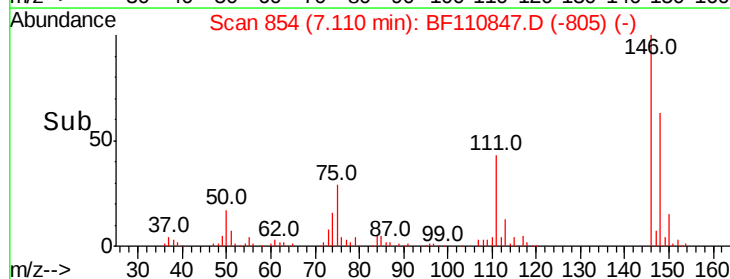
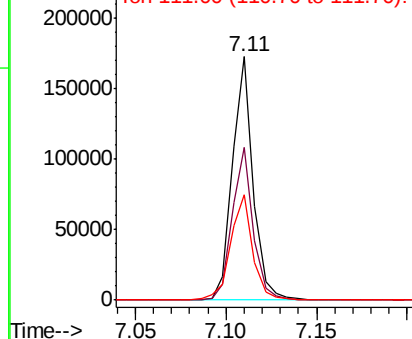


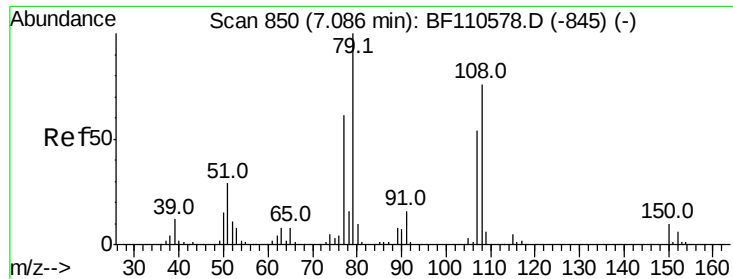
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.558 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

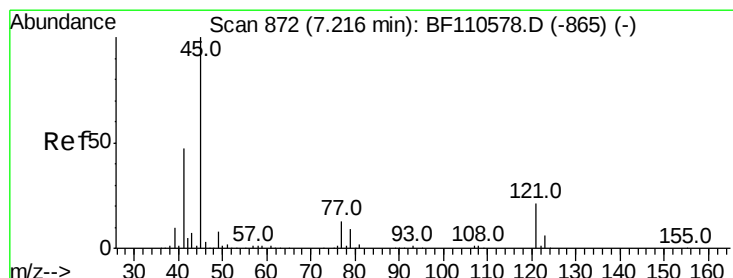
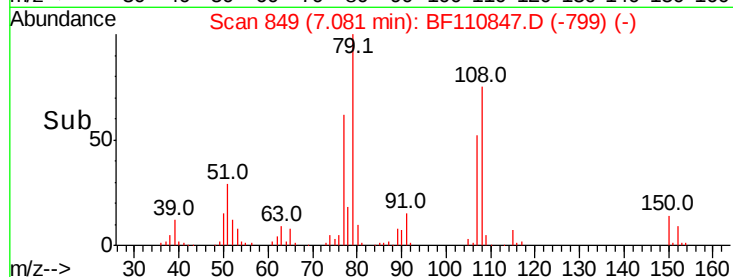
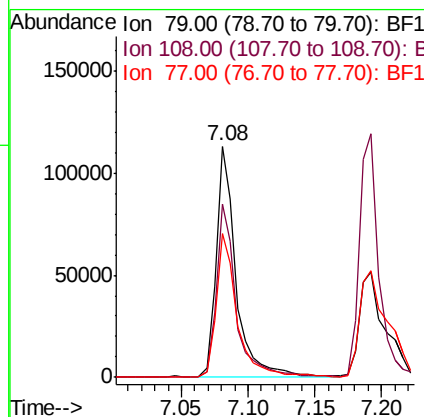
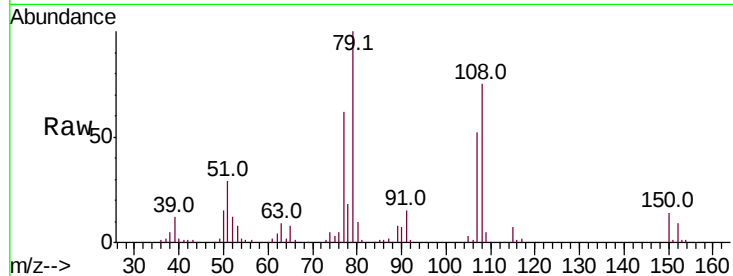
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	79	Resp:	119105
Ion Ratio	Lower	Upper	
79	100		
108	74.9	56.3	84.5
77	61.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.368 ng

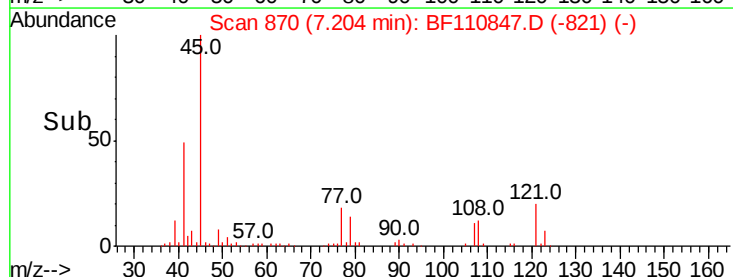
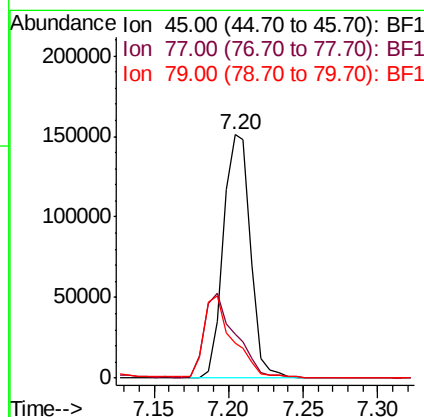
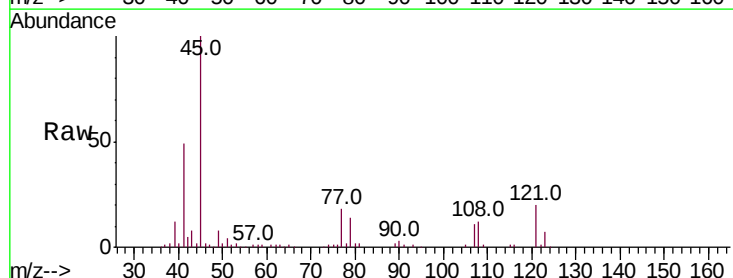
RT: 7.20 min Scan# 870

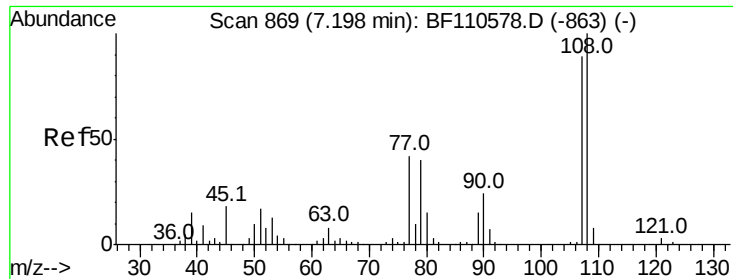
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	45	Resp:	193735
Ion Ratio	Lower	Upper	
45	100		
77	18.0	10.0	50.0
79	14.1	6.1	46.1





#17

2-Methylphenol

Concen: 32.520 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

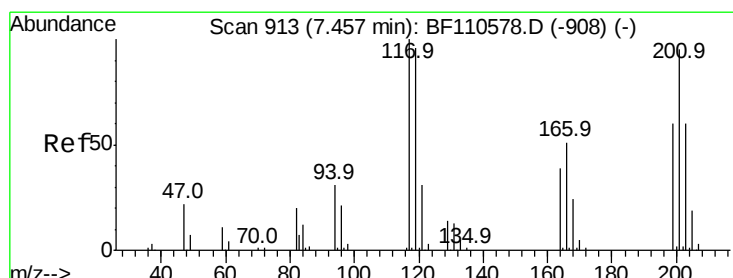
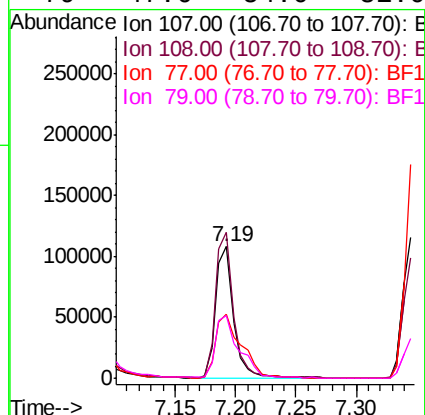
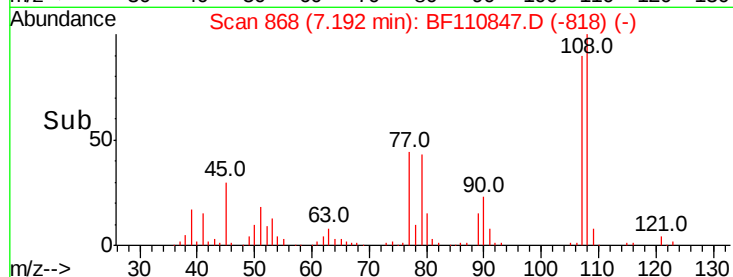
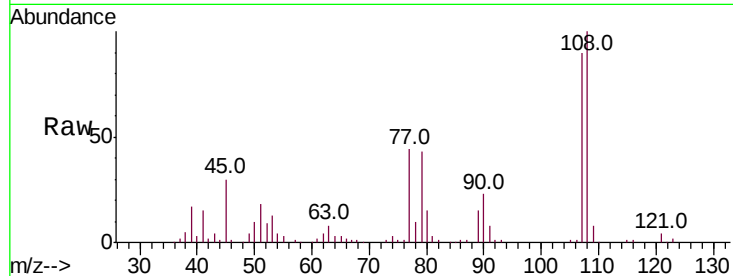
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	107	Resp:	110914
Ion Ratio	Lower	Upper	
107	100		
108	110.5	92.6	138.8
77	48.5	59.4	89.2#
79	47.6	54.0	81.0#

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#18

Hexachloroethane

Concen: 30.367 ng

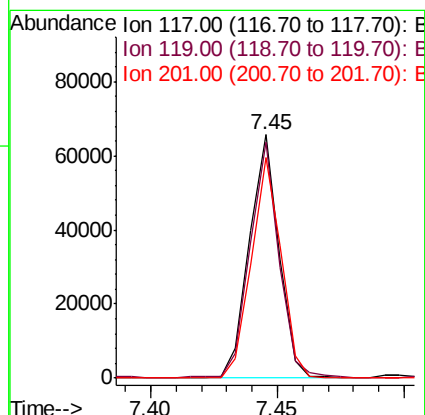
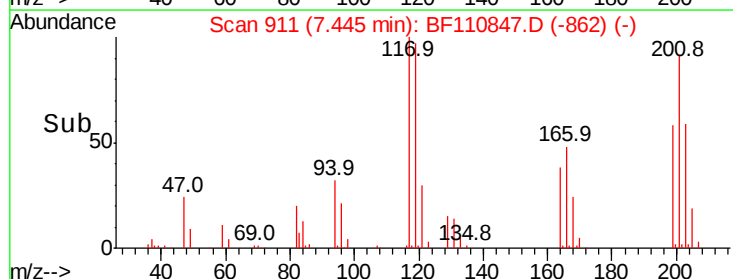
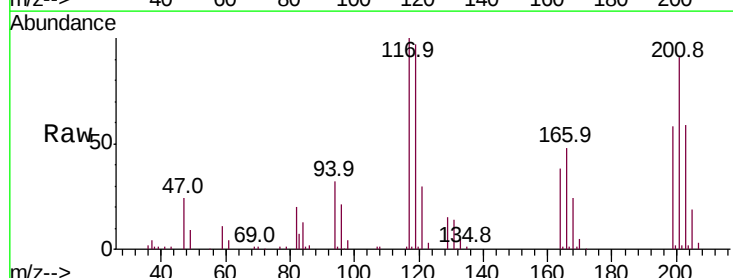
RT: 7.45 min Scan# 911

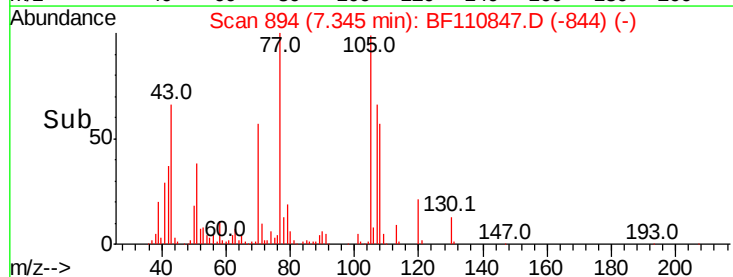
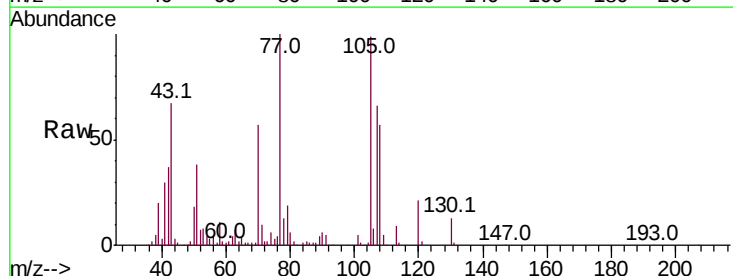
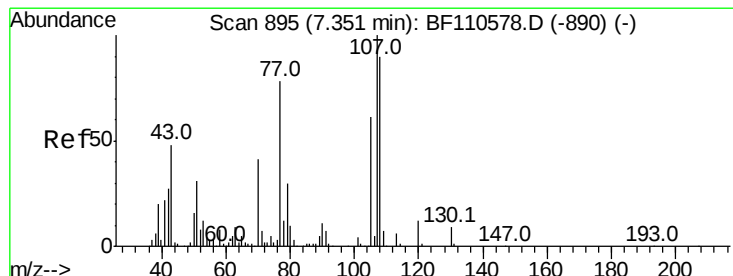
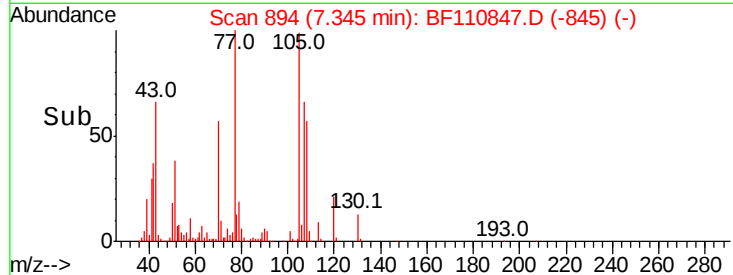
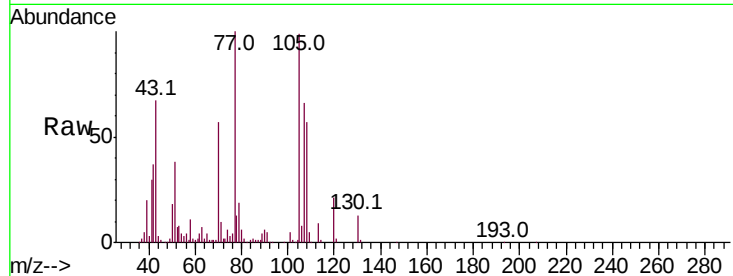
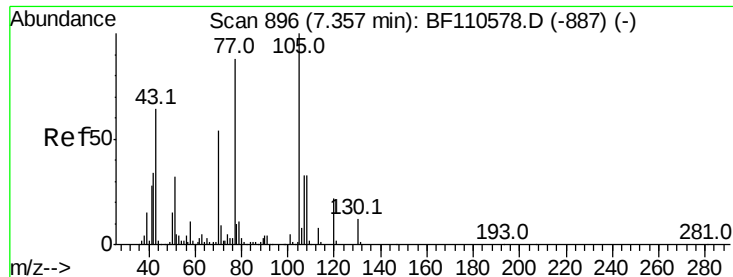
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	117	Resp:	53380
Ion Ratio	Lower	Upper	
117	100		
119	96.9	75.0	112.6
201	90.6	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 31.181 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110847.D

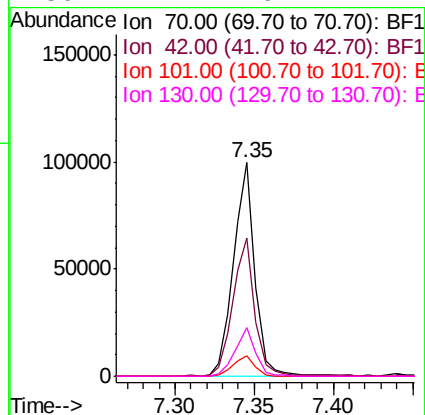
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.7	47.4	71.2	
101	9.6	7.3	10.9	
130	22.7	16.2	24.2	

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#20

3+4-Methylphenols

Concen: 34.202 ng m

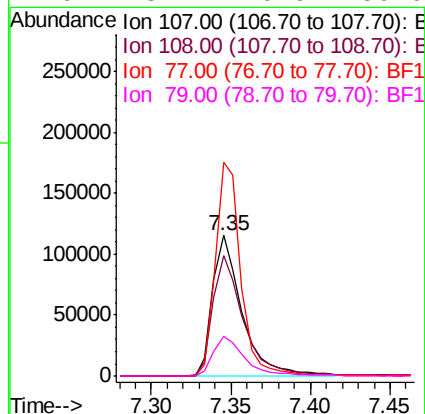
RT: 7.35 min Scan# 894

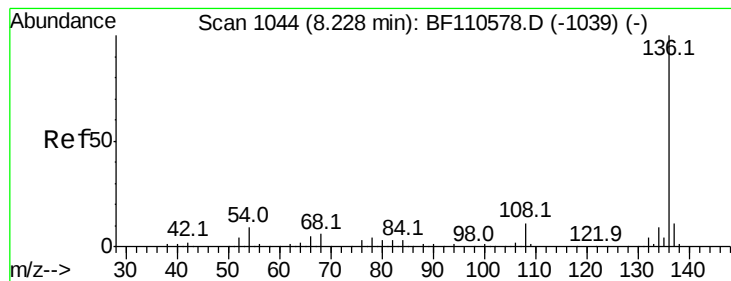
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.0	71.4	111.4	
77	152.0	47.3	87.3#	
79	28.7	10.9	50.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

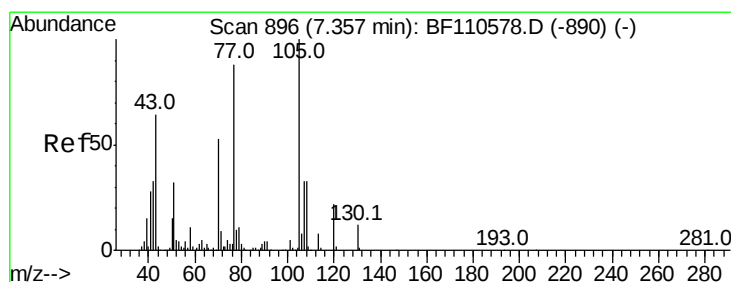
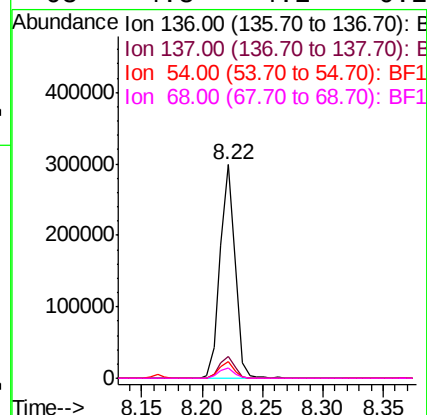
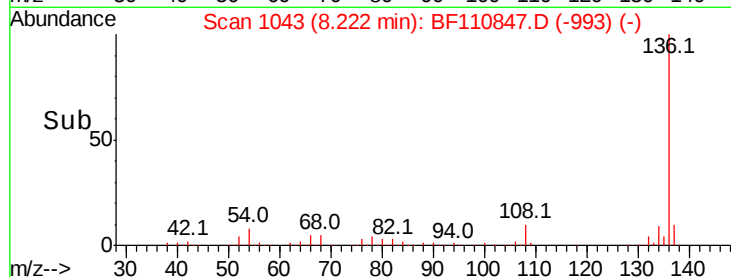
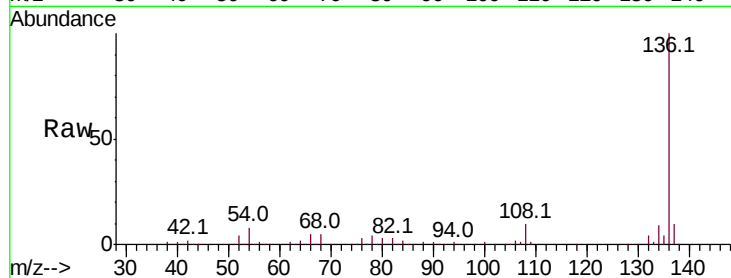
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	252102		
137	10.5		8.8	13.2
54	7.9		5.4	8.2
68	4.8		4.2	6.2

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#22

Acetophenone

Concen: 32.134 ng

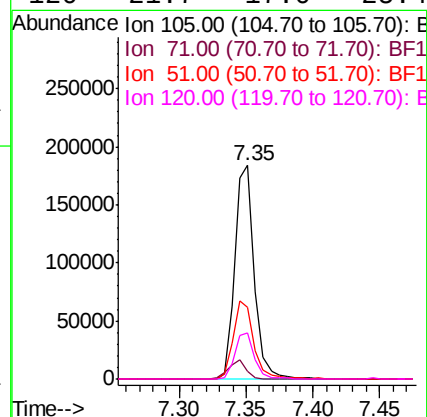
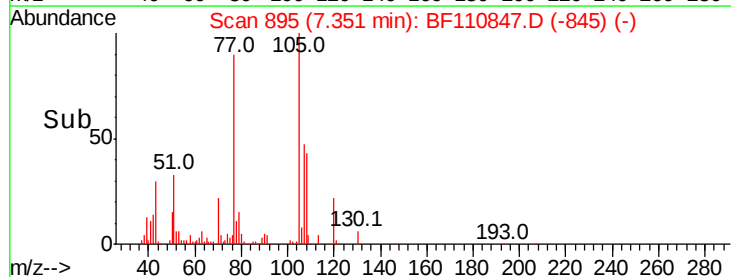
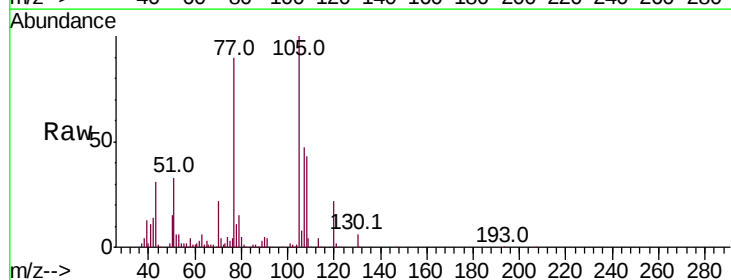
RT: 7.35 min Scan# 895

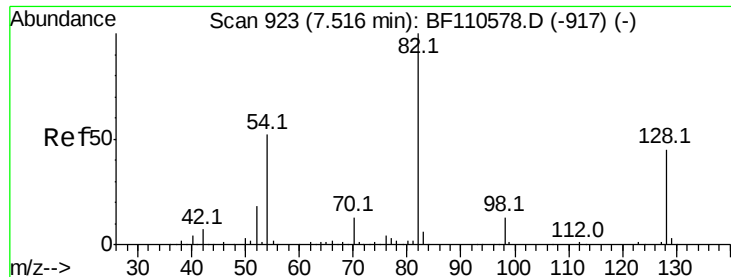
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188800		
71	3.6		5.2	7.8#
51	33.4		21.8	32.8#
120	21.7		17.0	25.4





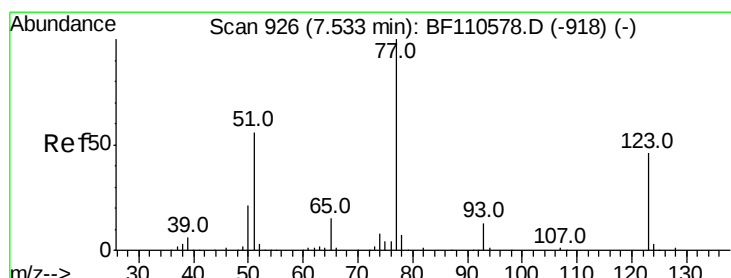
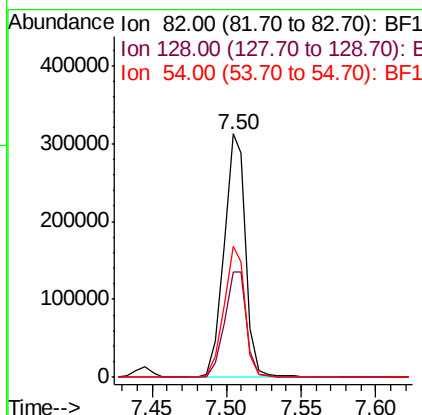
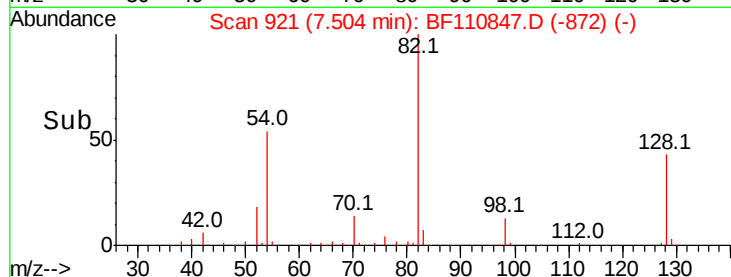
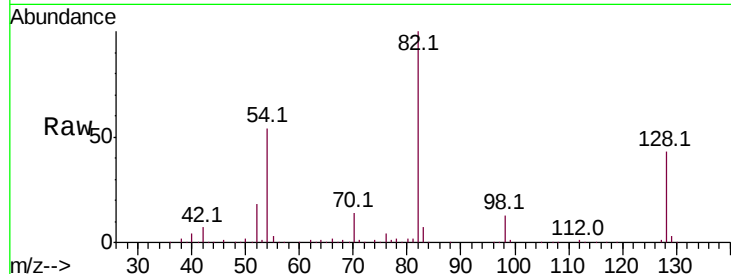
#23
 Nitrobenzene-d5
 Concen: 72.812 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.2	51.2
54	53.9	38.6	58.0

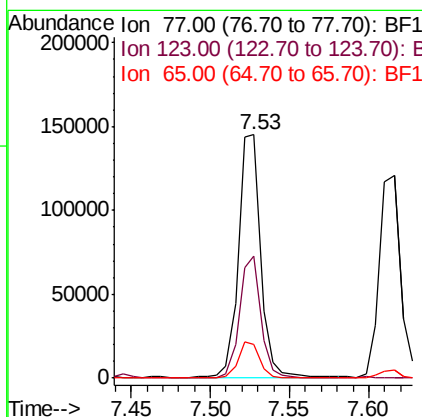
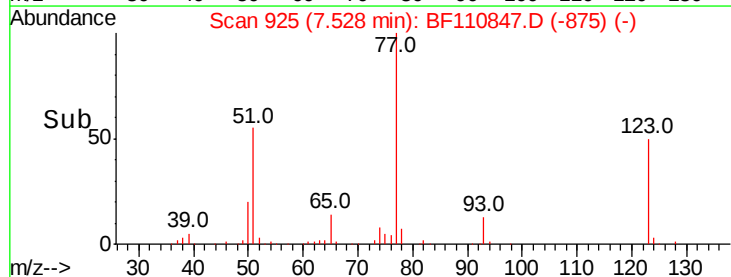
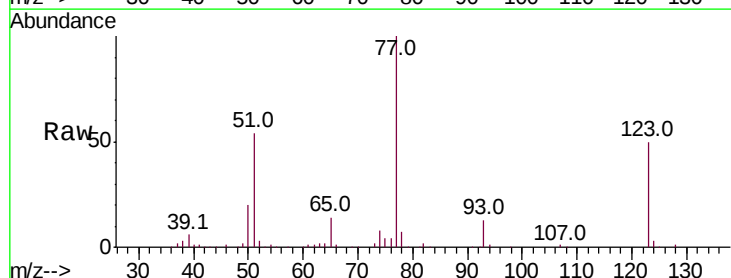
Manual Integrations
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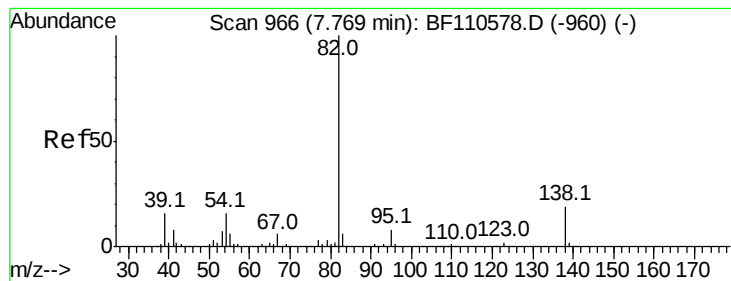
Sohil
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#24
 Nitrobenzene
 Concen: 31.415 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 34.695 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

ClientSampleId :

MMTW-03(8-10)MS

Tot Ion: 82 Resp: 248933

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

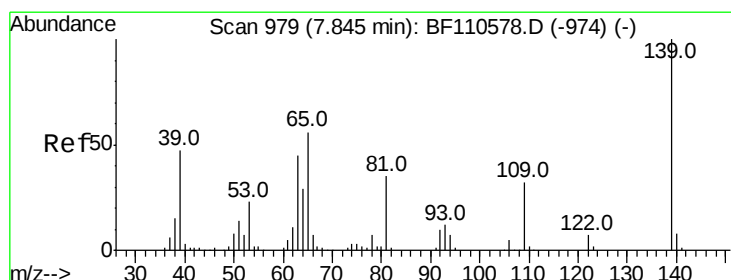
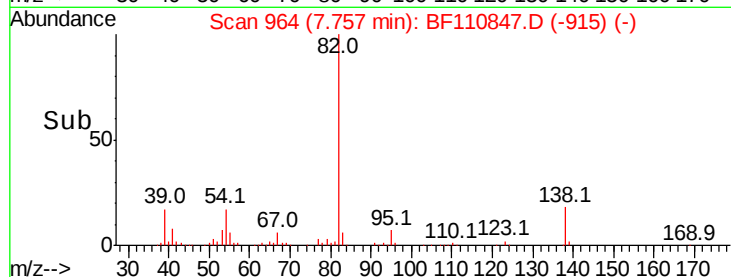
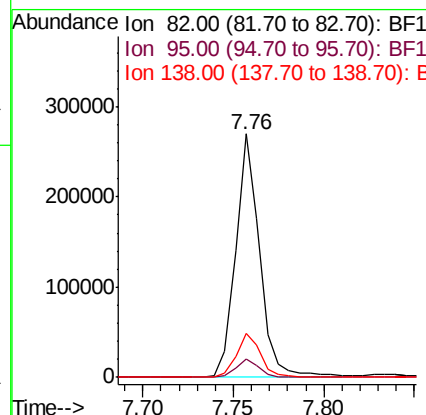
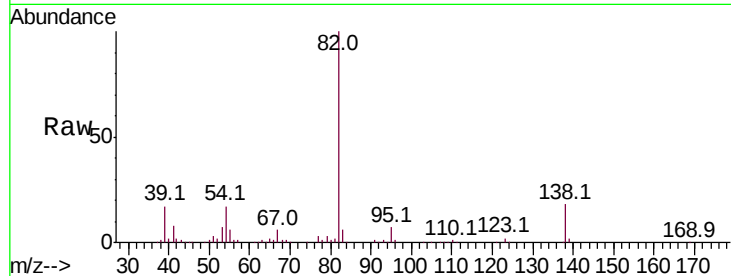
138 18.2 13.2 19.8

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#26

2-Nitrophenol

Concen: 32.109 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

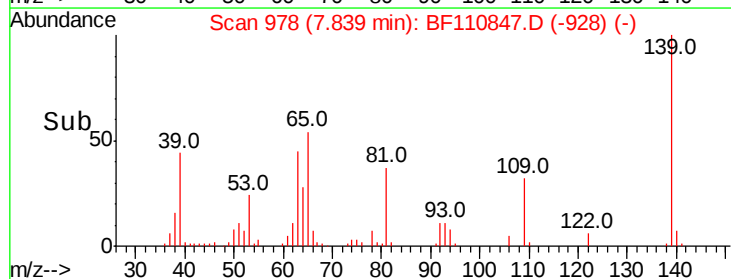
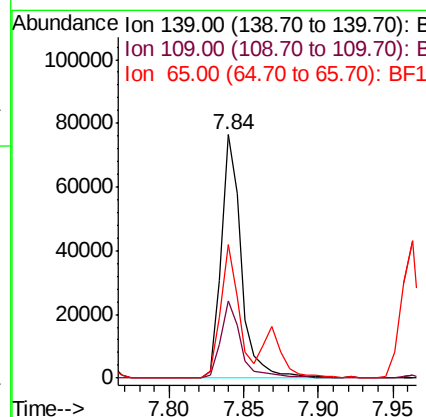
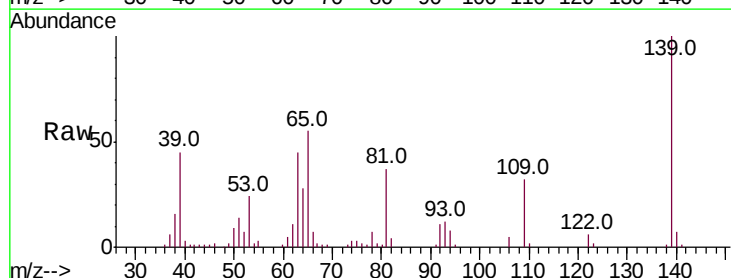
Tgt Ion: 139 Resp: 71844

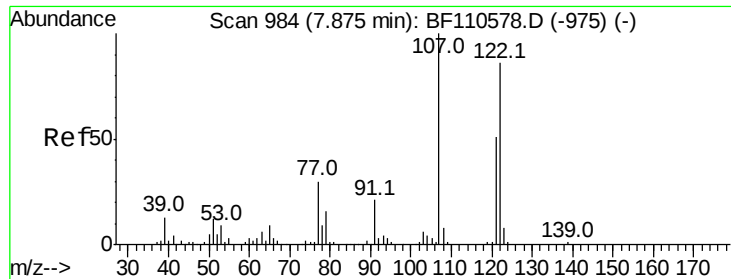
Ion Ratio Lower Upper

139 100

109 31.7 25.0 37.6

65 55.0 44.0 66.0





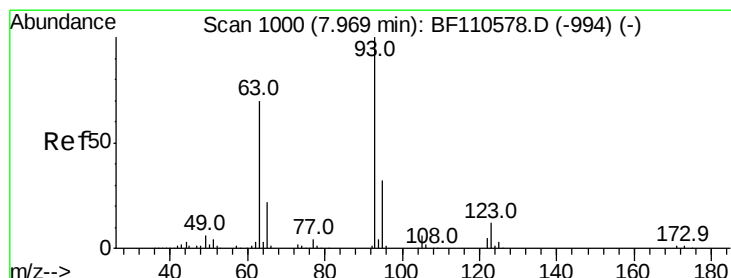
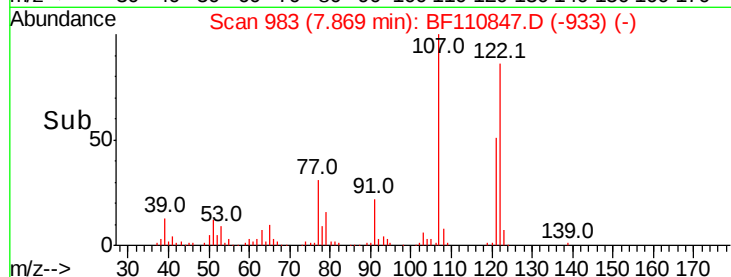
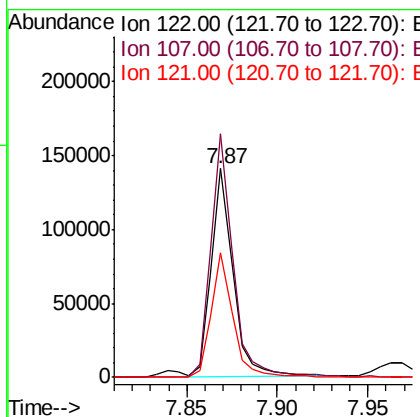
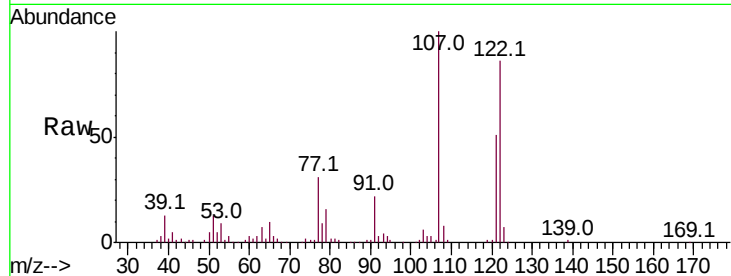
#27
2,4-Dimethylphenol
Concen: 34.749 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	92.5	138.7
121	59.4	45.8	68.8

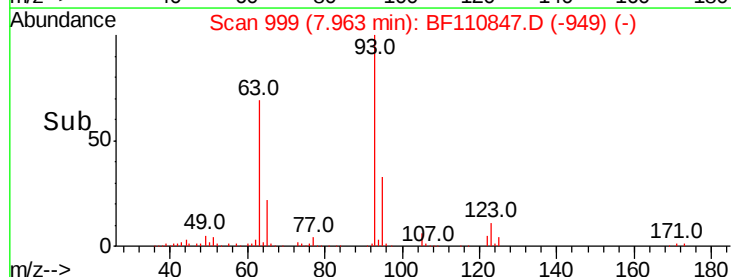
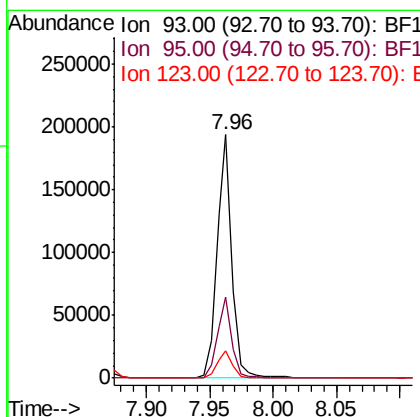
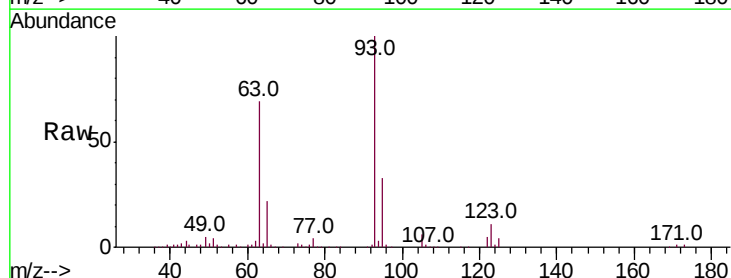
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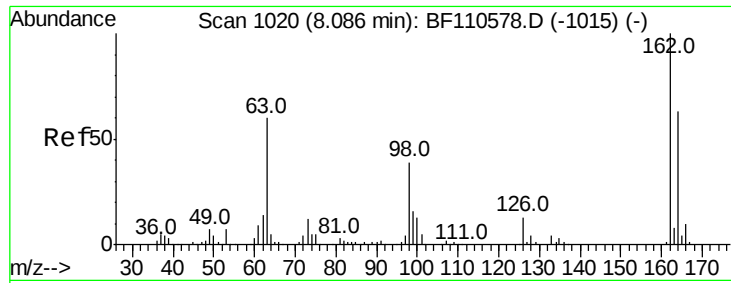
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#28
bis(2-Chloroethoxy)methane
Concen: 32.809 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.4	39.6
123	11.2	9.0	13.6





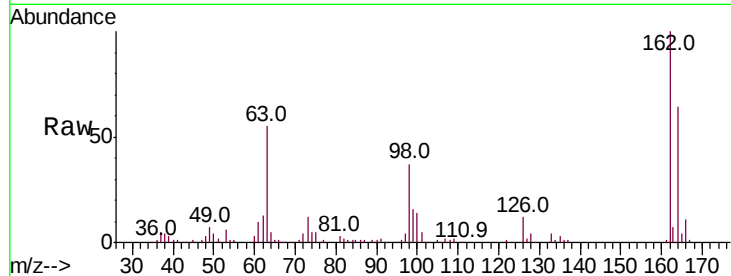
#29
2,4-Dichlorophenol
Concen: 33.106 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	116078		
164	64.0		44.6	84.6
98	37.5		17.4	57.4

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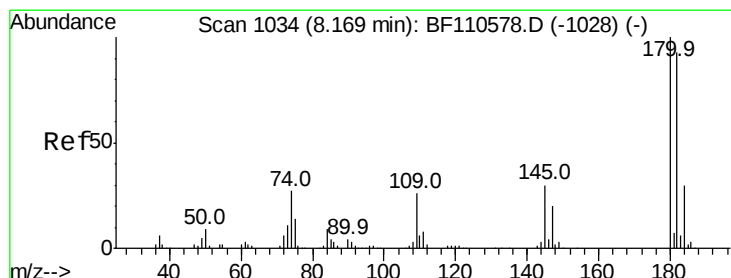
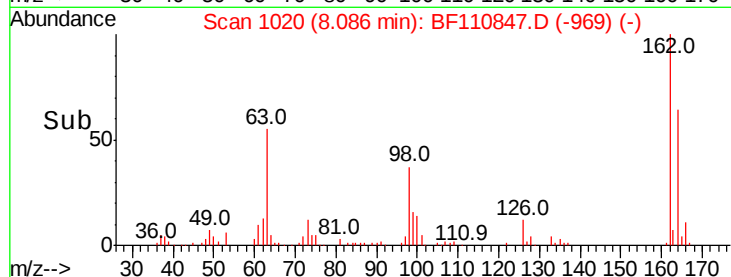
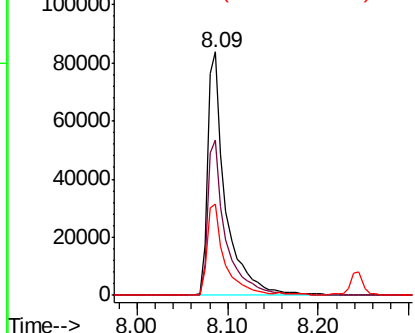


Abundance

Ion 162.00 (161.70 to 162.70): E

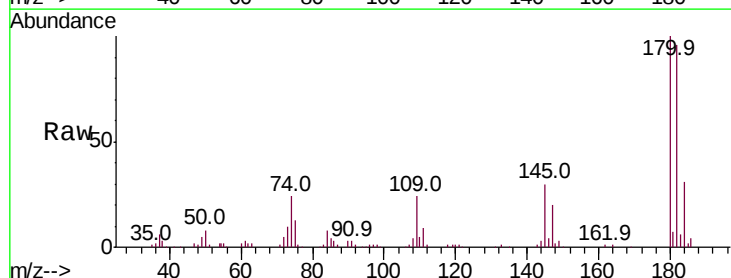
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 31.370 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	124016		
182	95.9		80.3	120.5
145	29.9		25.4	38.0

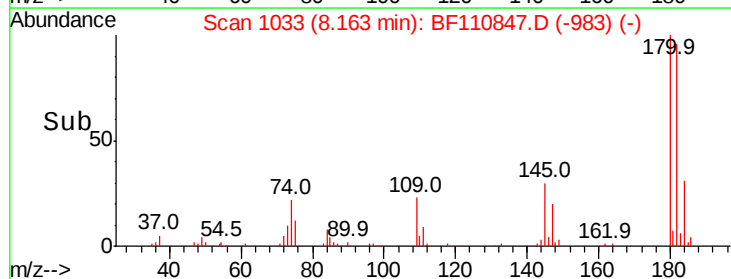
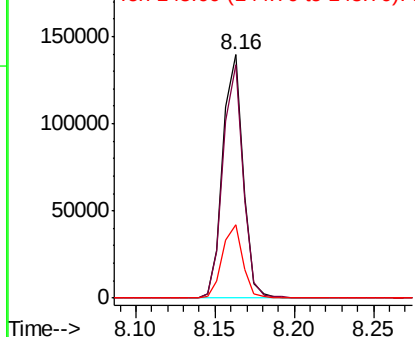


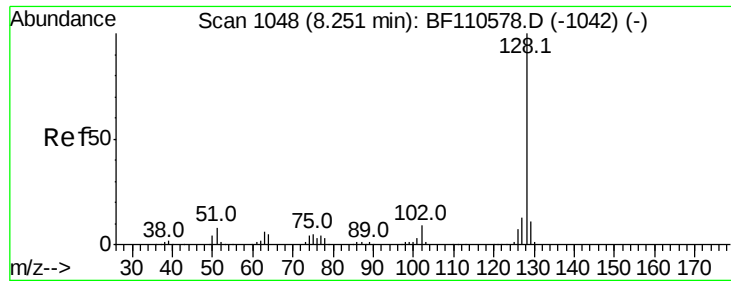
Abundance

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





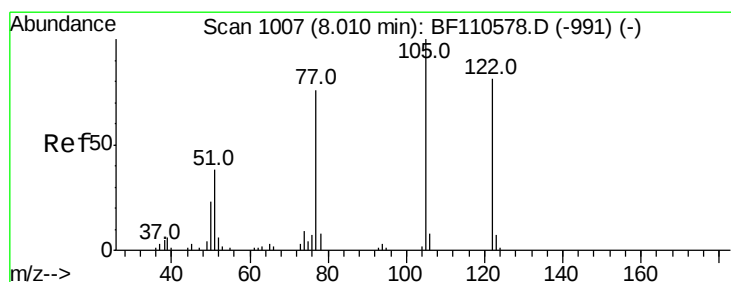
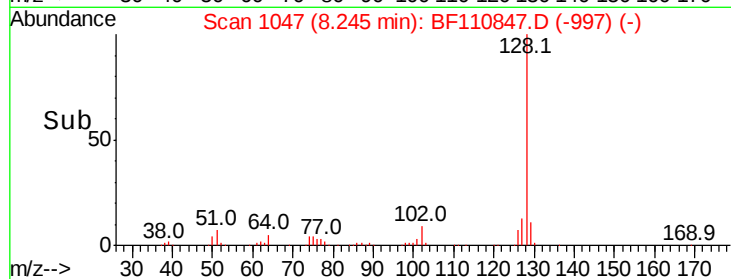
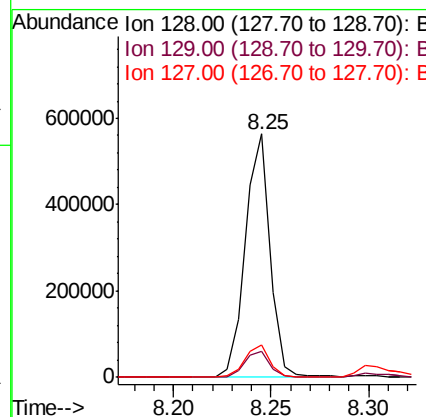
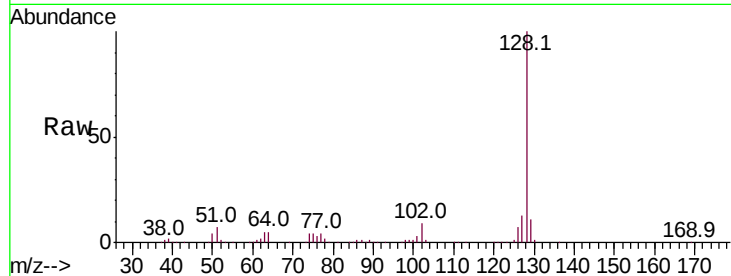
#31
Naphthalene
Concen: 41.808 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	494787		
129	10.9		8.8	13.2
127	13.1		10.8	16.2

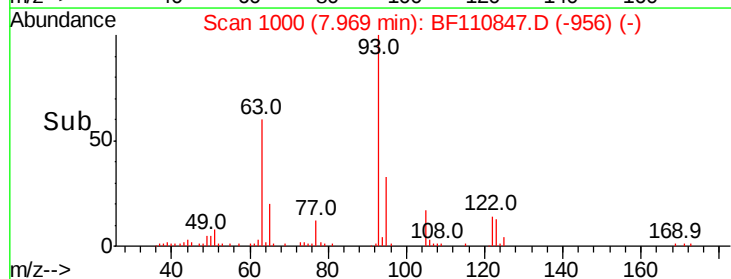
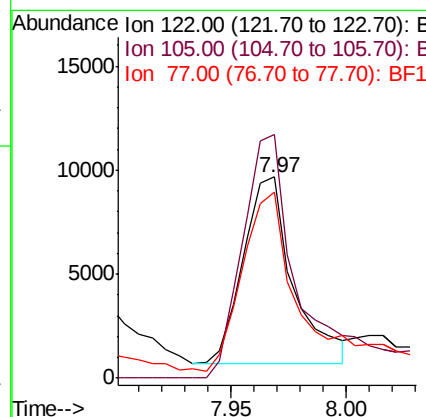
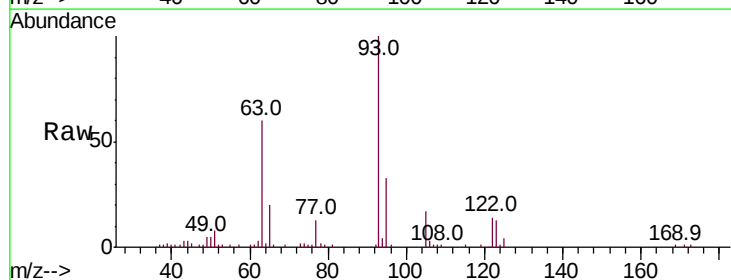
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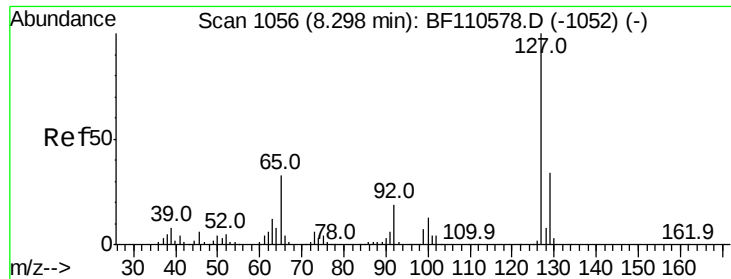
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#32
Benzoic acid
Concen: 5.578 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13448		
105	121.1		109.0	149.0
77	92.7		79.0	119.0





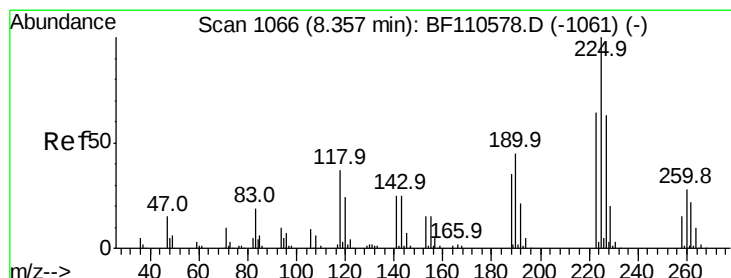
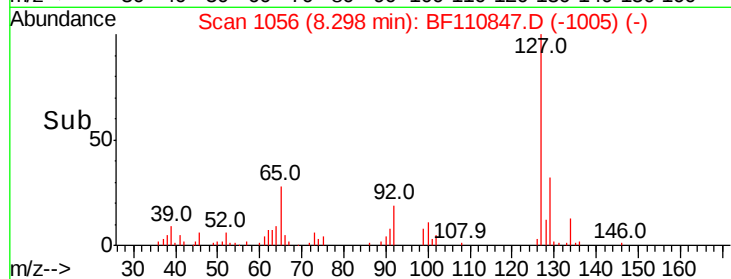
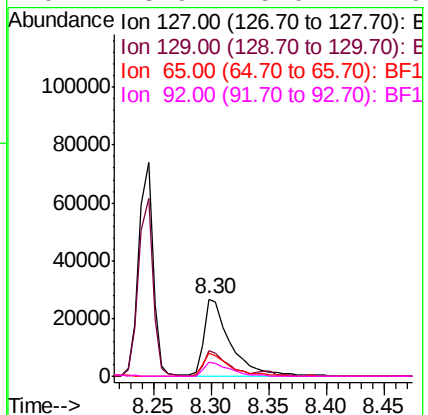
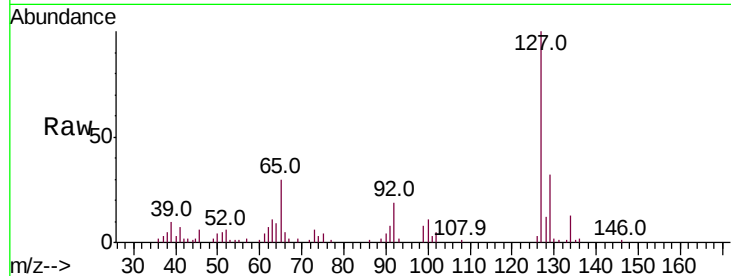
#33
4-Chloroaniline
Concen: 8.008 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	29.7	25.1	37.7
92	18.9	15.0	22.6

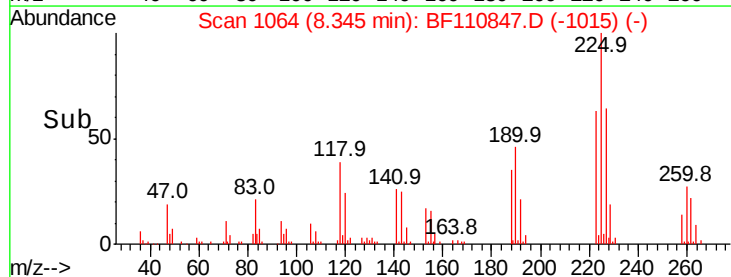
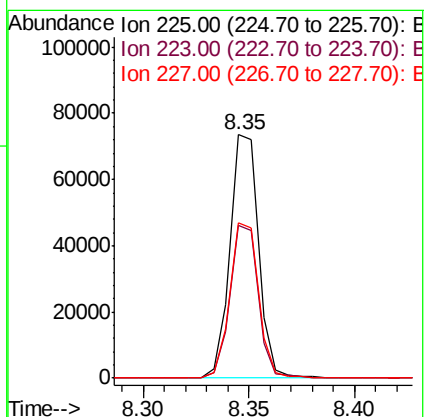
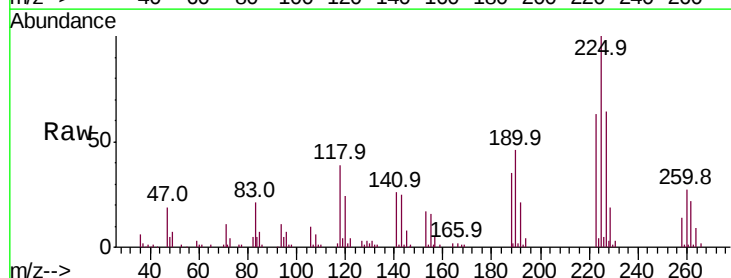
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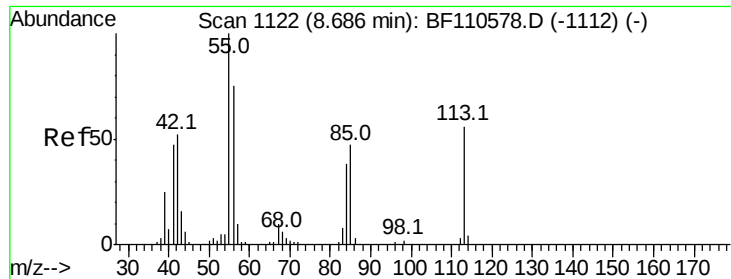
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#34
Hexachlorobutadiene
Concen: 30.269 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	63.6	51.0	76.6





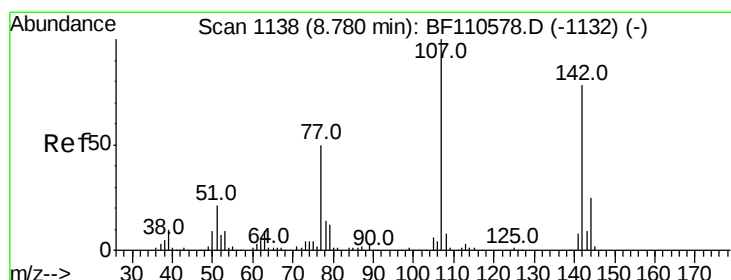
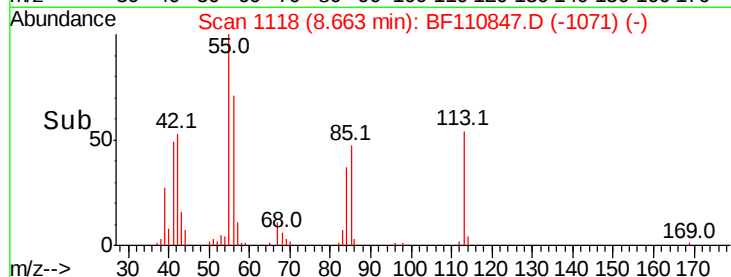
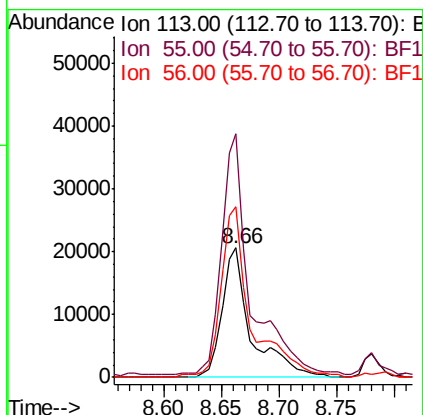
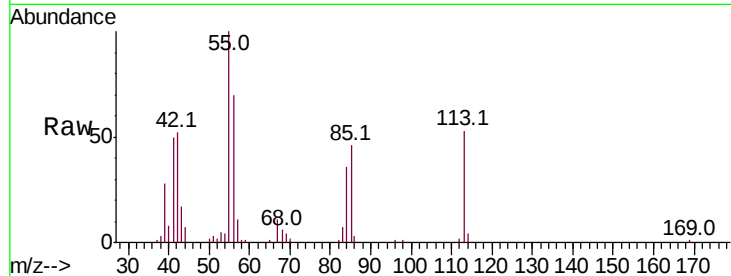
#35
 Caprolactam
 Concen: 30.702 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Tot Ion:113 Resp: 35966
 Ion Ratio Lower Upper
 113 100
 55 188.4 142.8 182.8#
 56 132.2 105.0 145.0

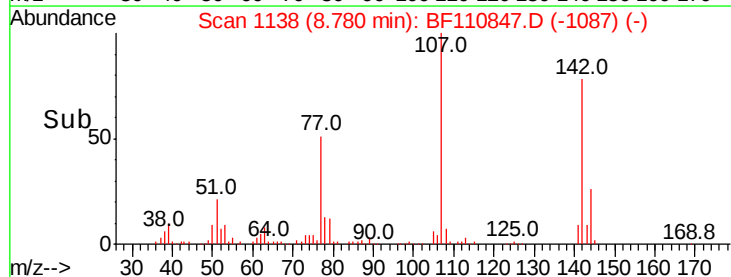
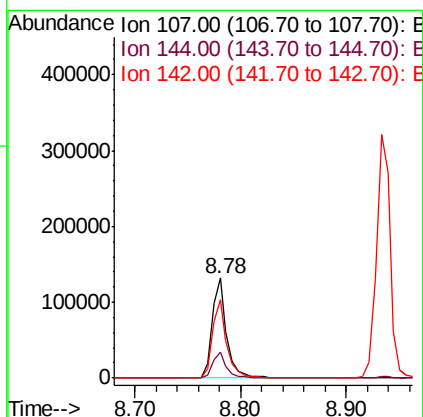
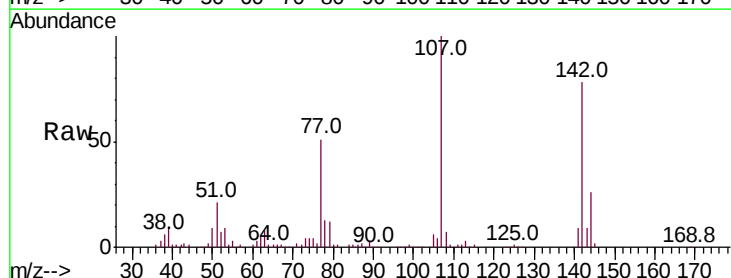
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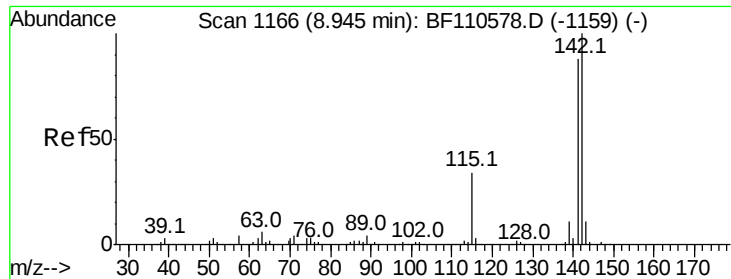
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#36
 4-Chloro-3-methylphenol
 Concen: 33.685 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Tgt Ion:107 Resp: 127381
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.0 30.0
 142 78.5 59.7 89.5





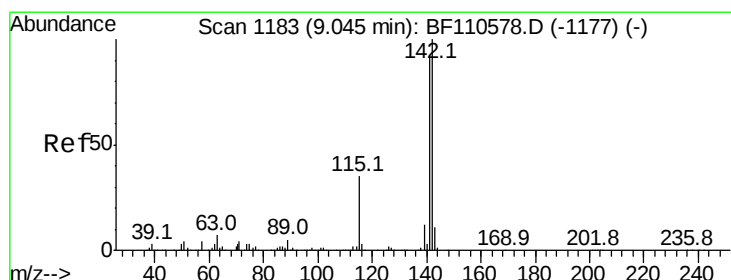
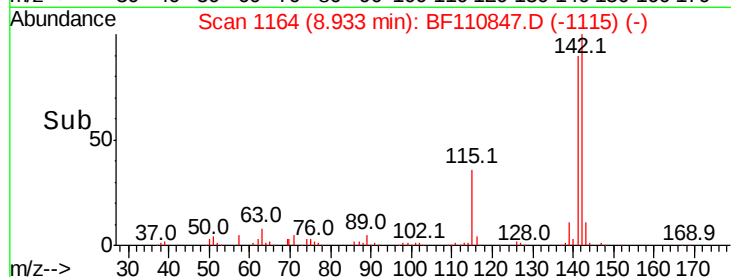
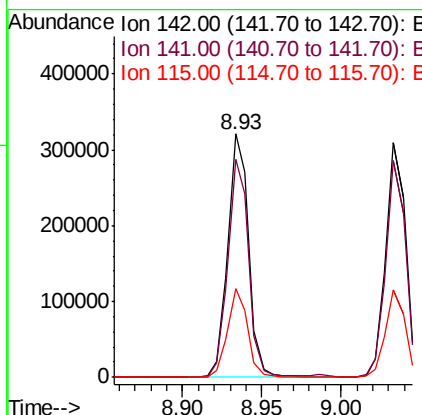
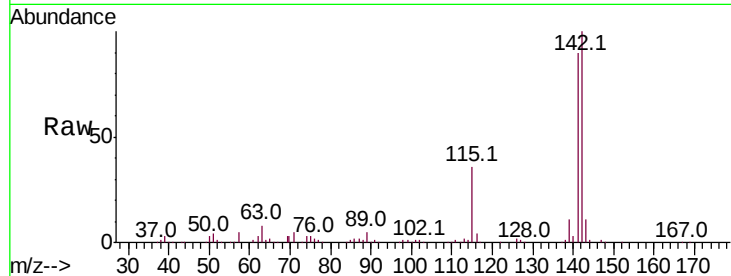
#37
2-Methylnaphthalene
Concen: 37.687 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	292387		
141	89.5	71.4	107.2	
115	36.4	28.7	43.1	

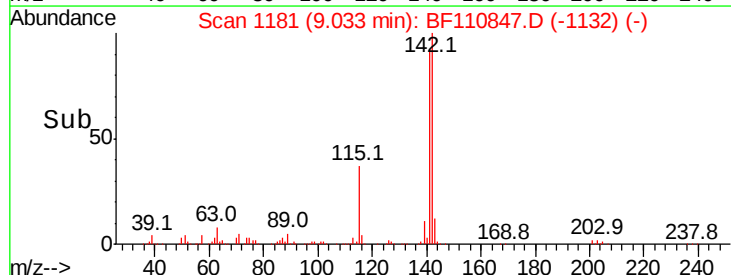
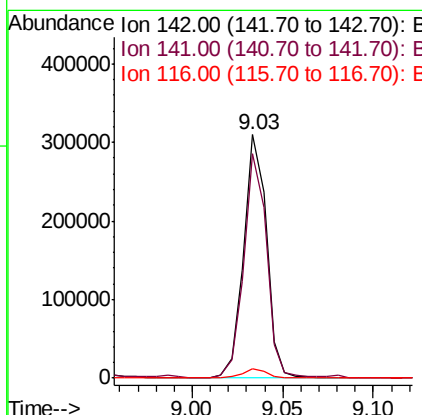
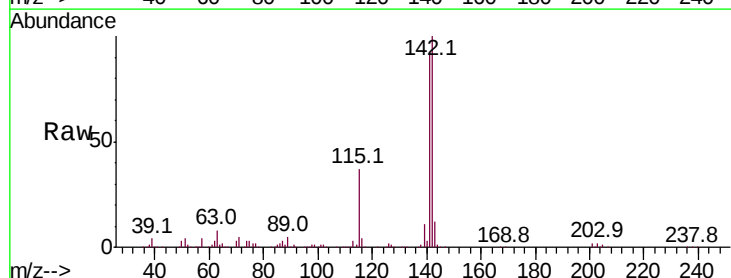
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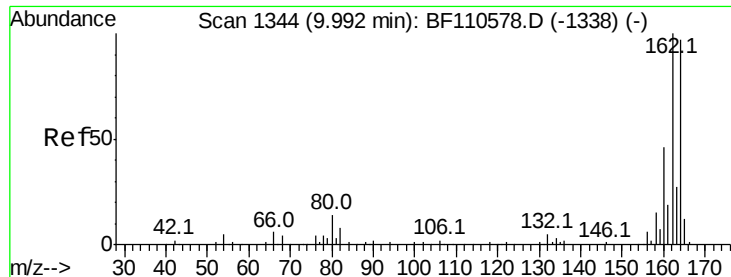
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#38
1-Methylnaphthalene
Concen: 36.327 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	271048		
141	92.3	74.2	111.4	
116	3.9	2.6	4.0	





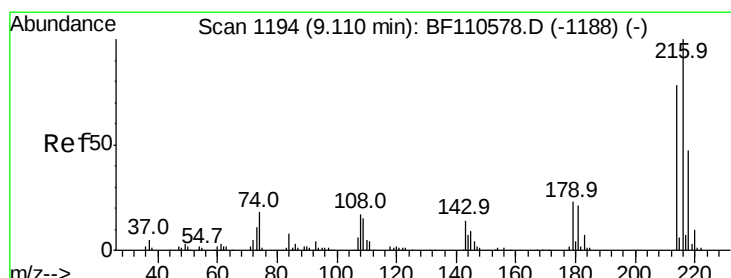
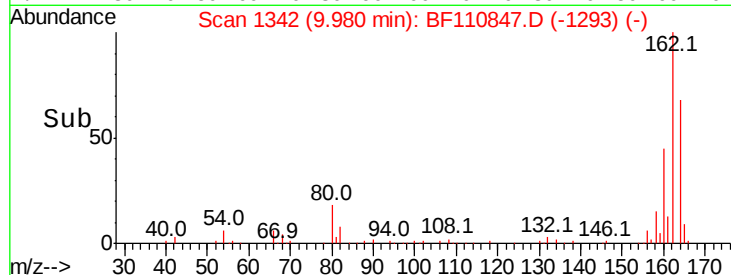
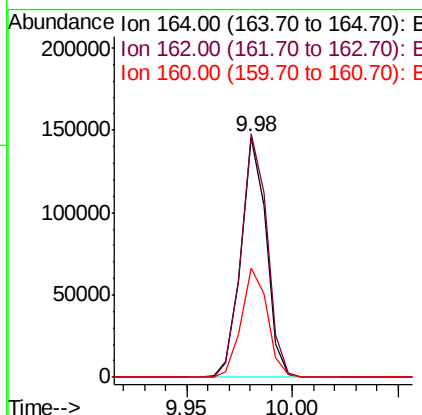
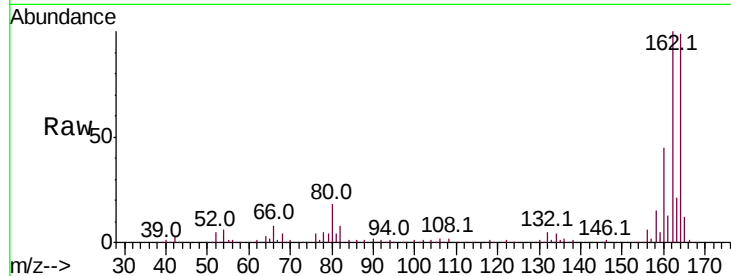
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.0	124.6
160	45.3	37.0	55.6

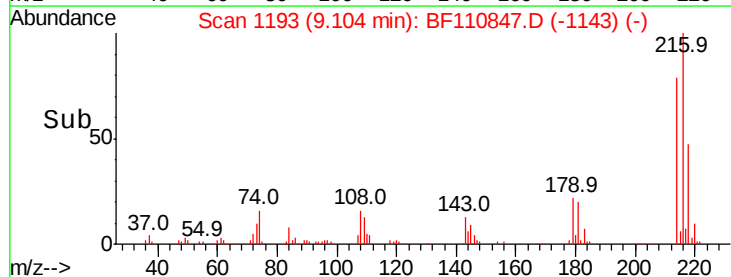
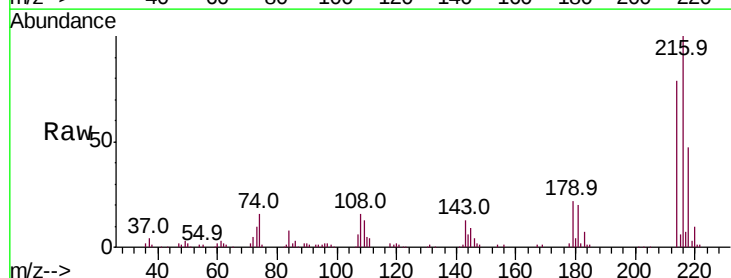
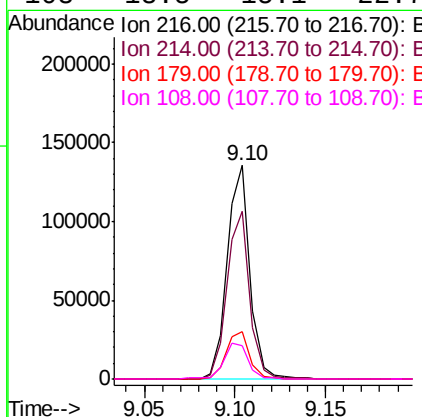
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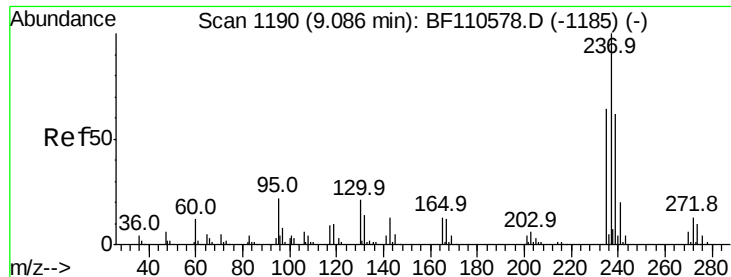
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.732 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	22.8	16.6	25.0
108	18.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 16.081 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

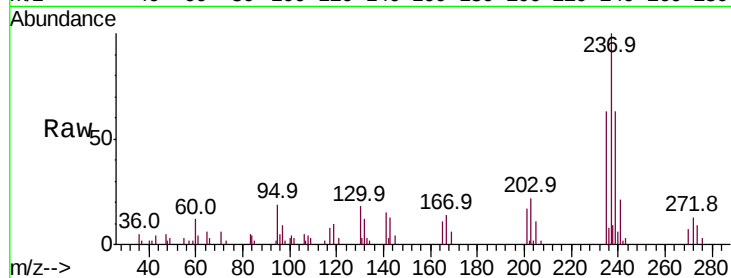
ClientSampleId :

MMTW-03(8-10)MS

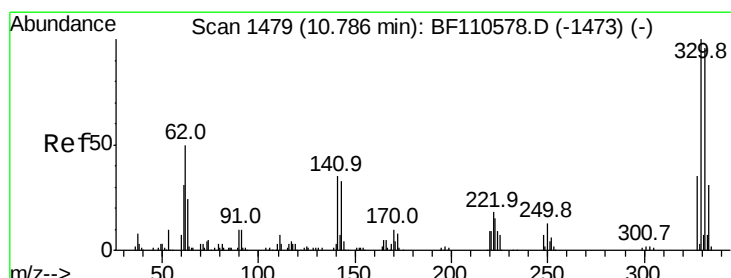
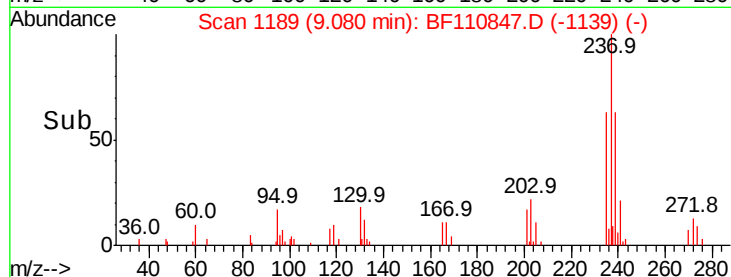
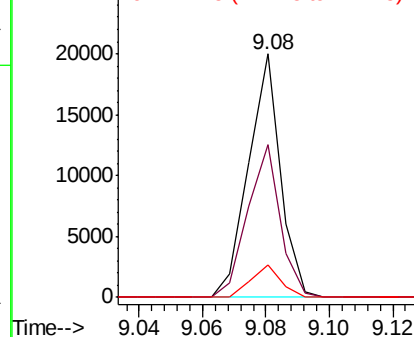
Tot Ion:	237	Resp:	13934
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.1	83.1
272	13.4	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.579 ng

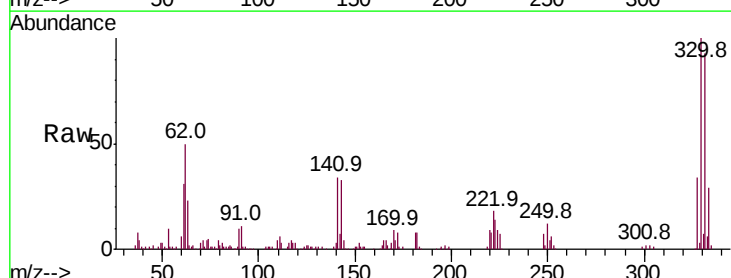
RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

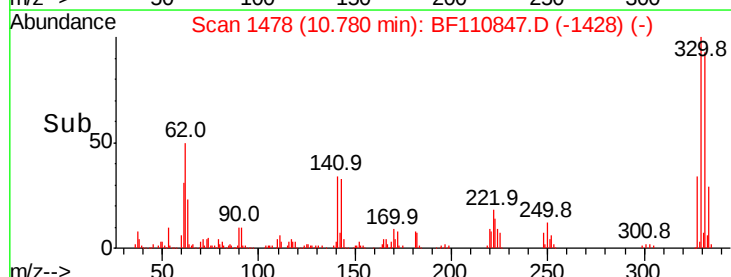
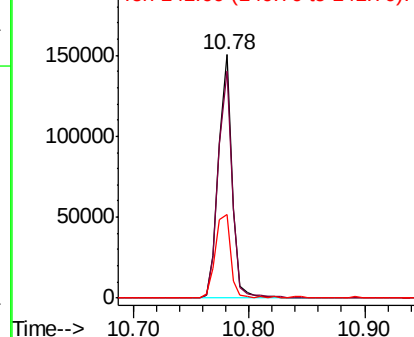
Lab File: BF110847.D

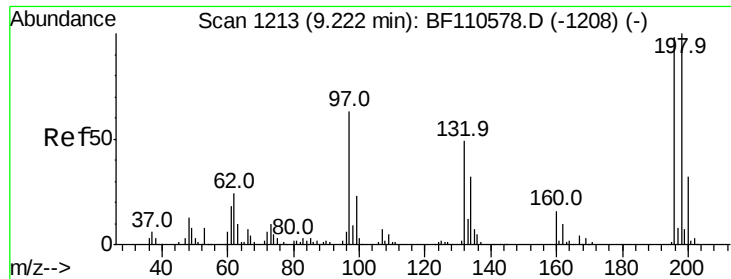
Acq: 19 Nov 2018 12:37

Tgt Ion:	330	Resp:	122421
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	40.0	27.0	40.4



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





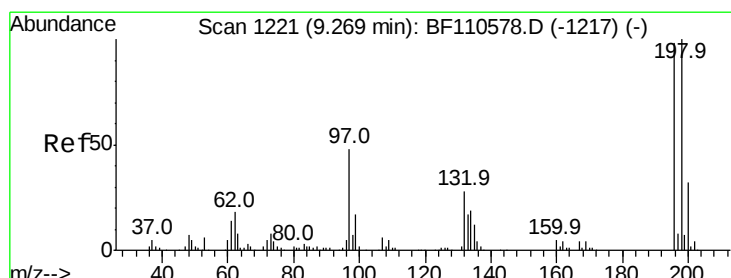
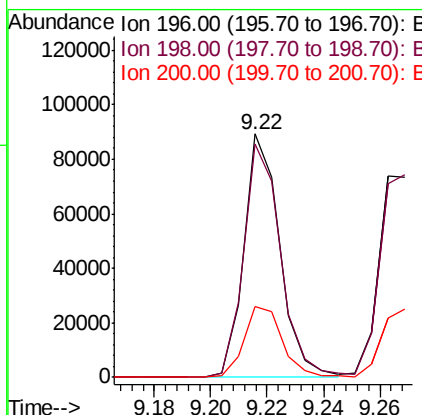
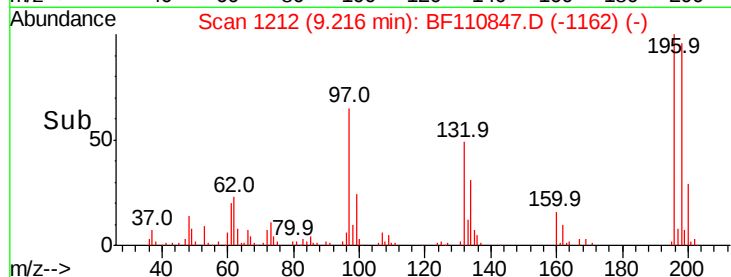
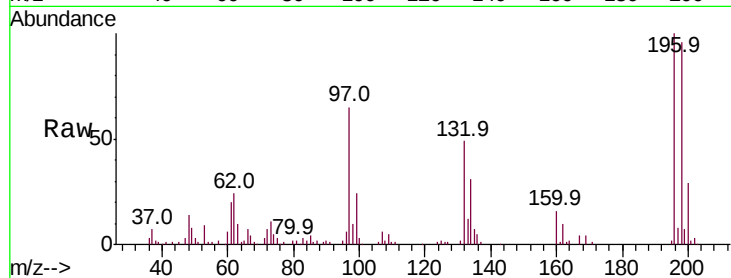
#43
 2,4,6-Trichlorophenol
 Concen: 32.802 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Tot Ion:	196	Resp:	78815
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
200	29.2	24.4	36.6

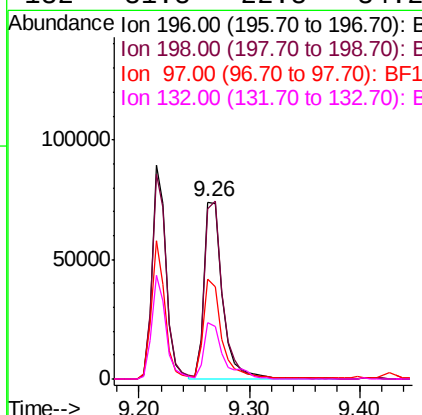
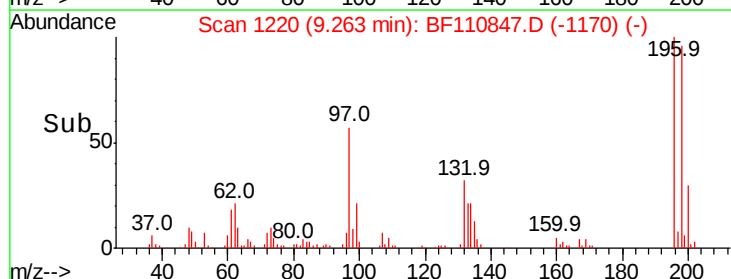
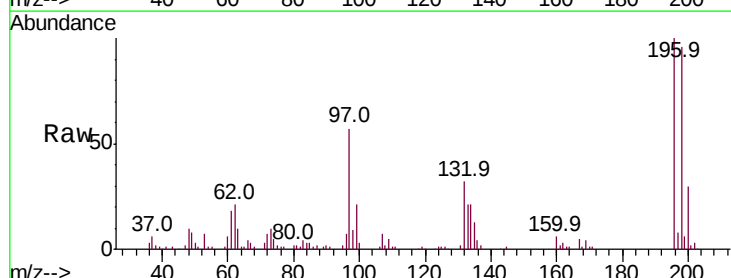
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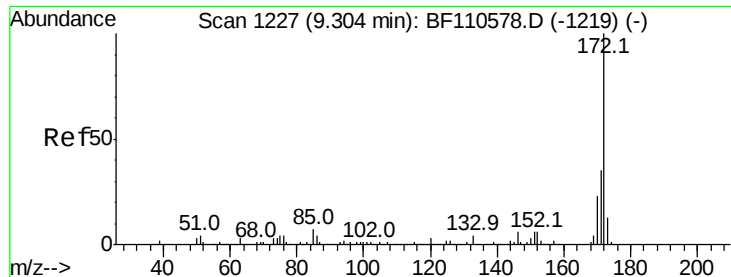
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#44
 2,4,5-Trichlorophenol
 Concen: 32.873 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Tgt Ion:	196	Resp:	84253
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.8	113.6
97	56.7	42.4	63.6
132	31.8	22.8	34.2





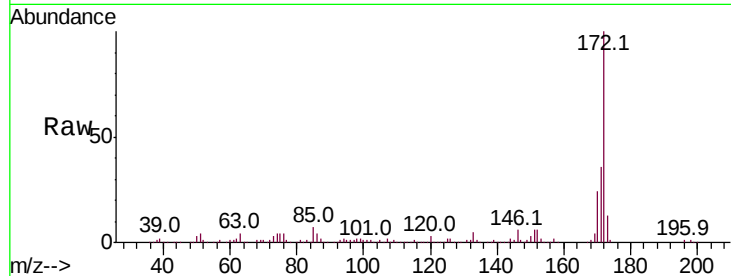
#45
2-Fluorobiphenyl
Concen: 63.598 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	28.6	43.0	
170	23.6	19.7	29.5	

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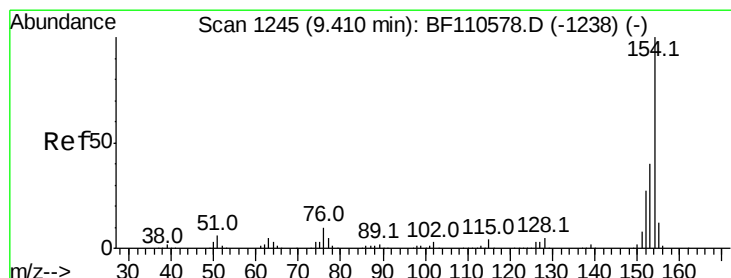
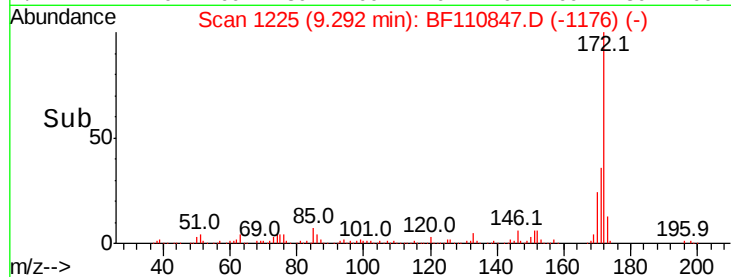
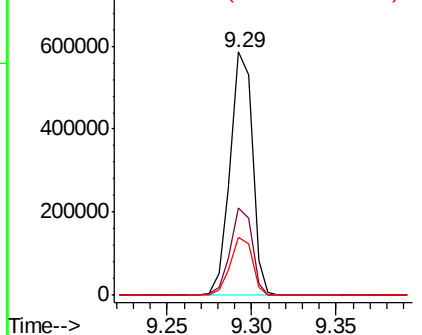


Abundance

Ion 172.00 (171.70 to 172.70): E

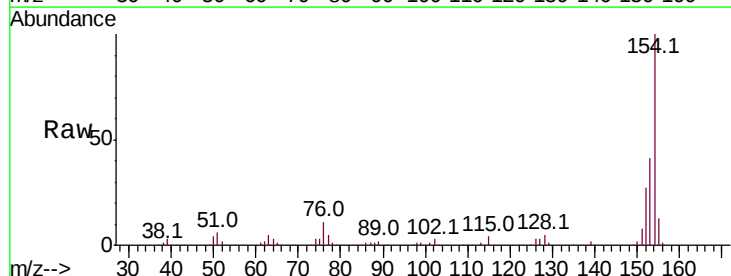
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 30.316 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	20.4	60.4	
76	11.1	0.0	31.9	

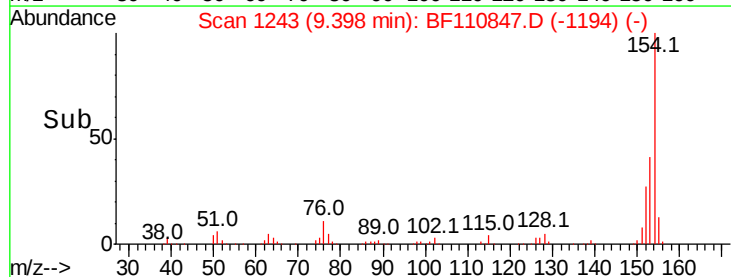
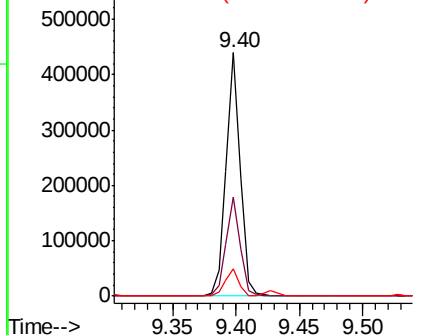


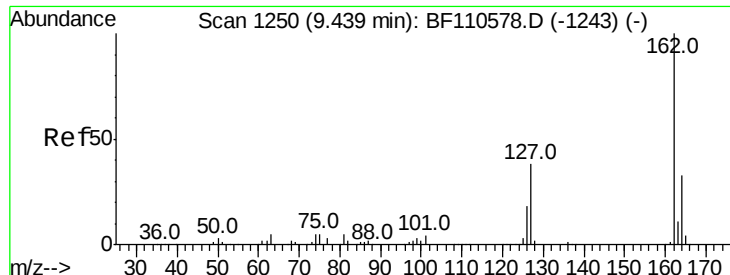
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 31.336 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

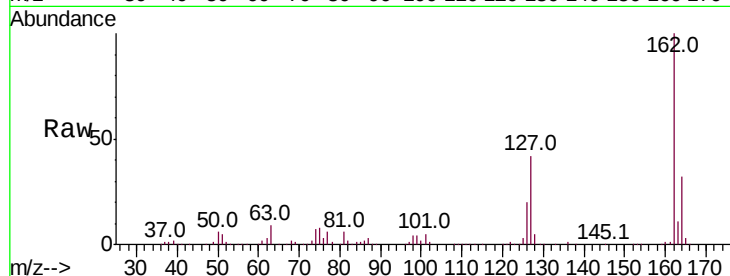
ClientSampleId :

MMTW-03(8-10)MS

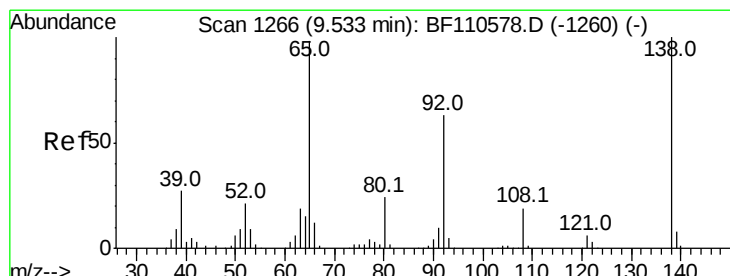
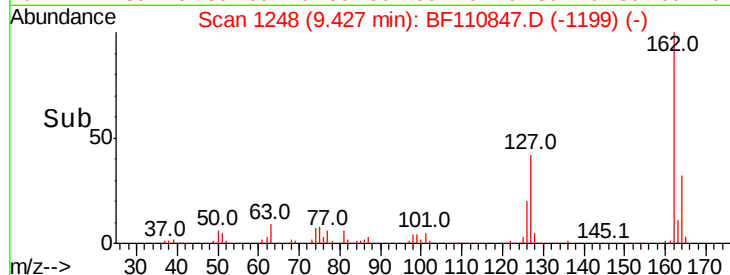
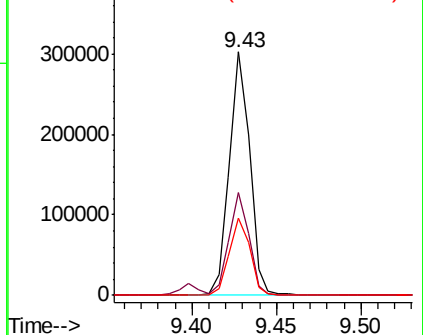
Tot Ion:	162	Resp:	254393
Ion Ratio	Lower	Upper	
162	100		
127	42.1	32.6	48.8
164	31.9	25.9	38.9

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



#48

2-Nitroaniline

Concen: 33.341 ng

RT: 9.53 min Scan# 1266

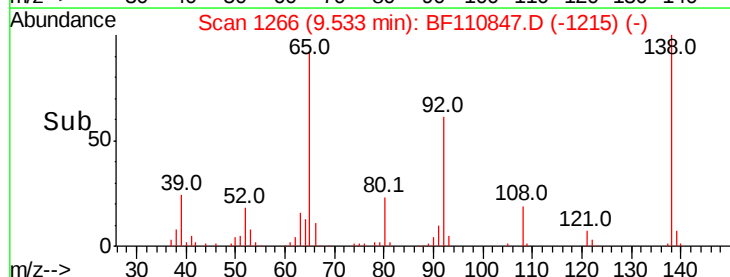
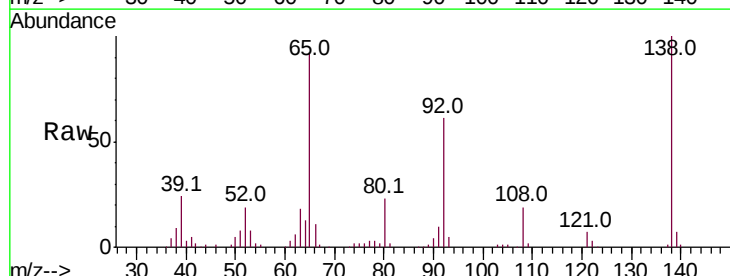
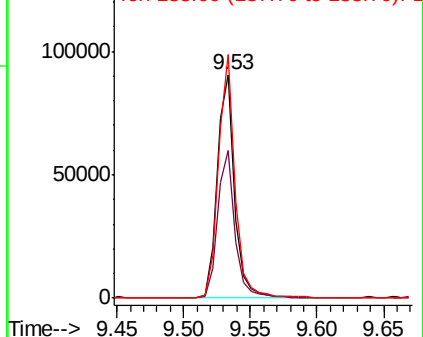
Delta R.T. 0.00 min

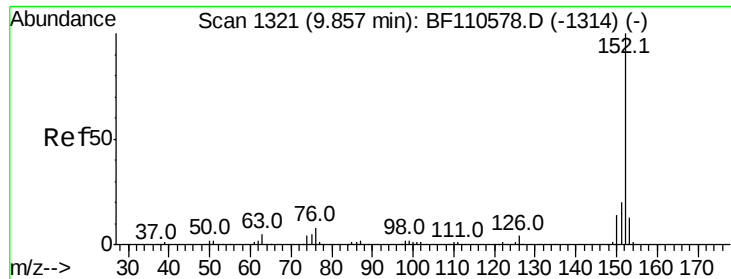
Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	65	Resp:	83409
Ion Ratio	Lower	Upper	
65	100		
92	66.0	54.6	81.8
138	108.8	80.3	120.5

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.978 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

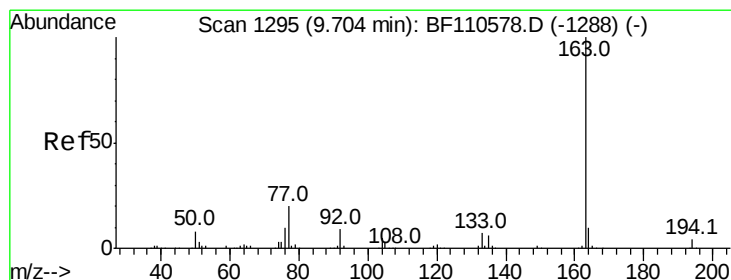
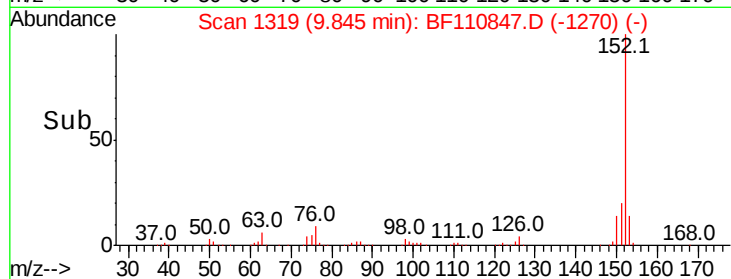
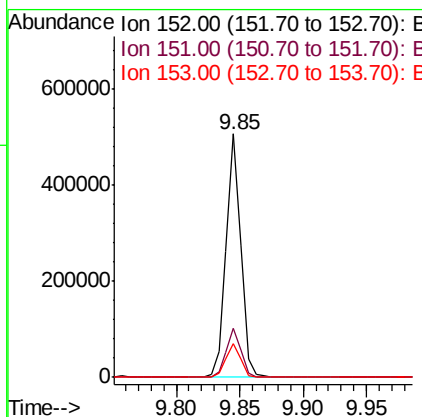
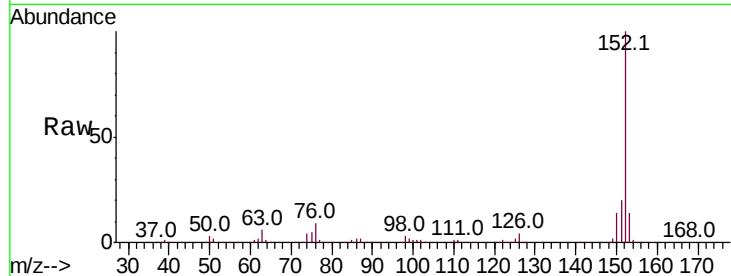
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	152	Resp:	408943
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.8	10.4	15.6

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#50

Dimethylphthalate

Concen: 44.634 ng

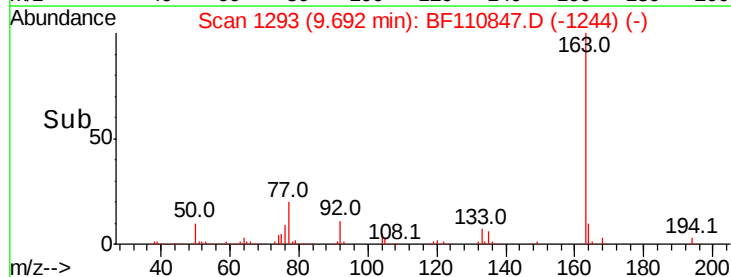
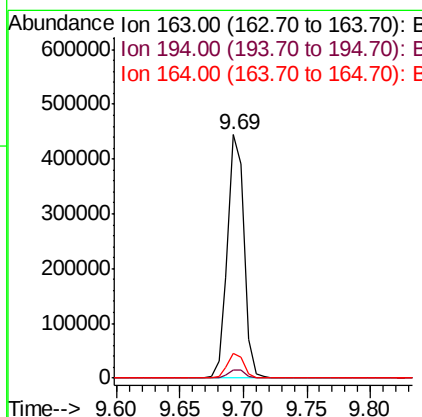
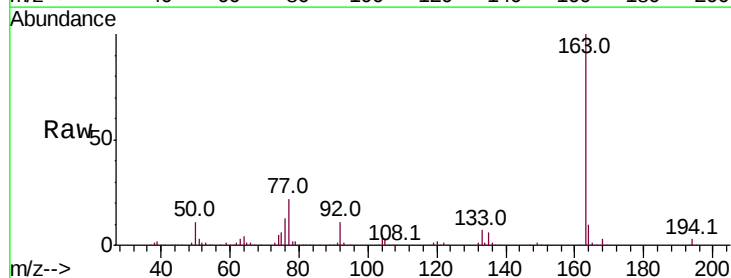
RT: 9.69 min Scan# 1293

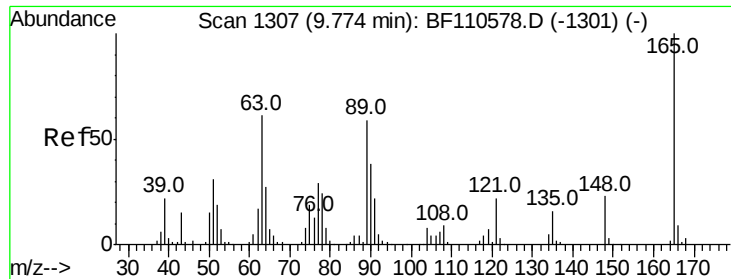
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	163	Resp:	402302
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.2	4.8
164	10.1	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 31.947 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

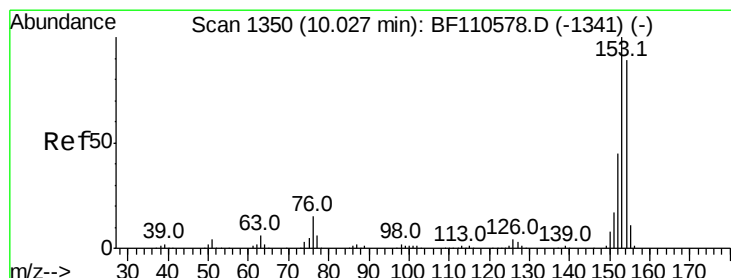
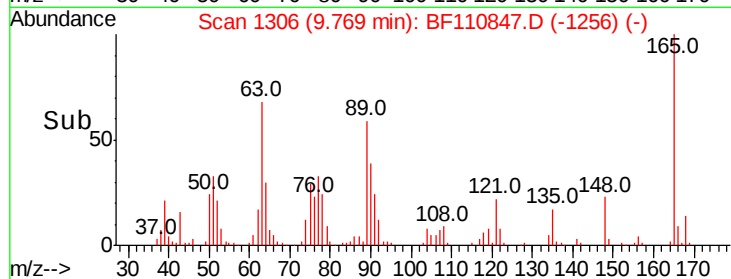
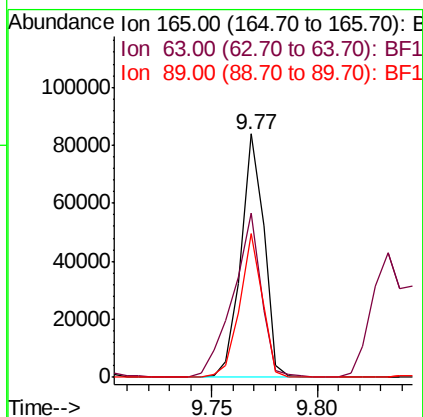
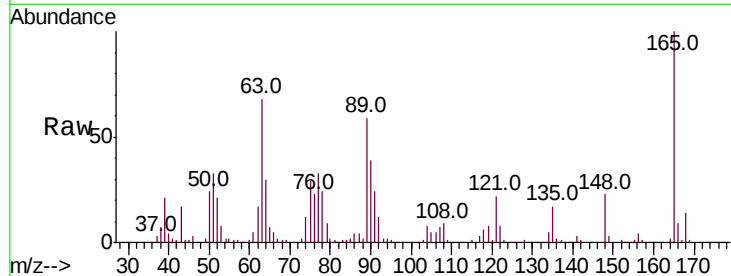
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	165	Resp:	63343
Ion Ratio	Lower	Upper	
165	100		
63	67.5	48.9	73.3
89	59.3	46.6	69.8

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#52

Acenaphthene

Concen: 37.900 ng

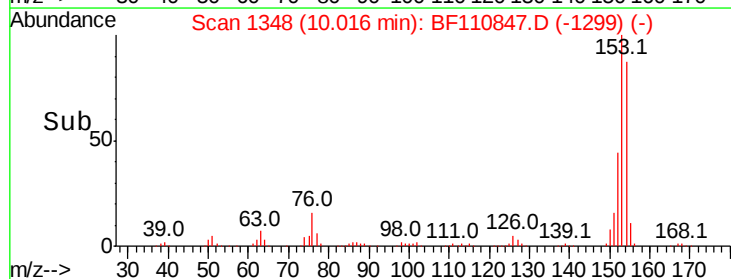
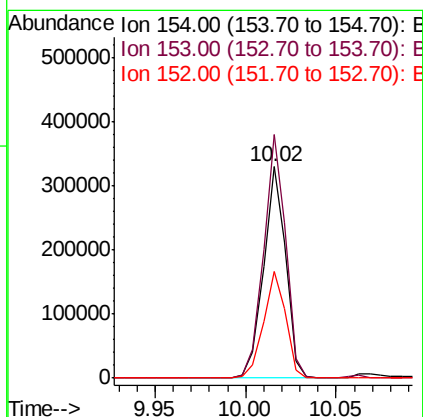
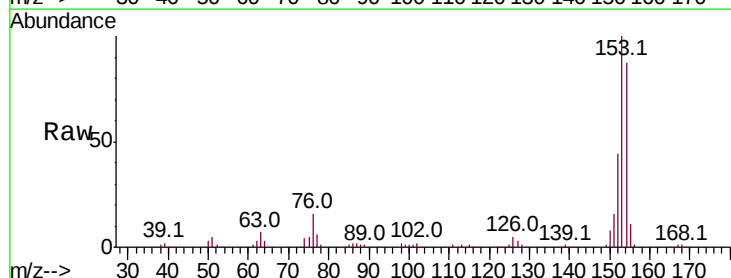
RT: 10.02 min Scan# 1348

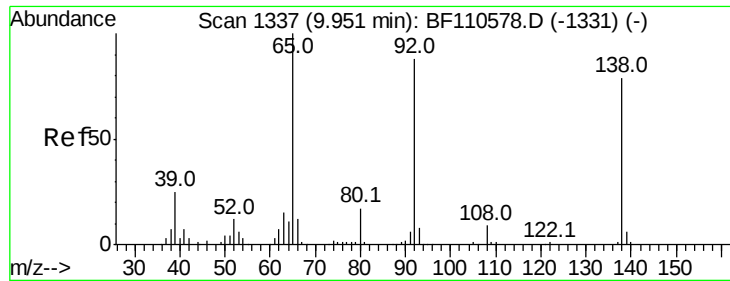
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	154	Resp:	280027
Ion Ratio	Lower	Upper	
154	100		
153	115.4	90.1	135.1
152	50.8	43.4	65.2





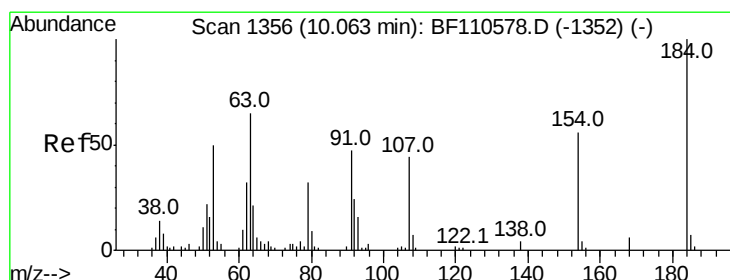
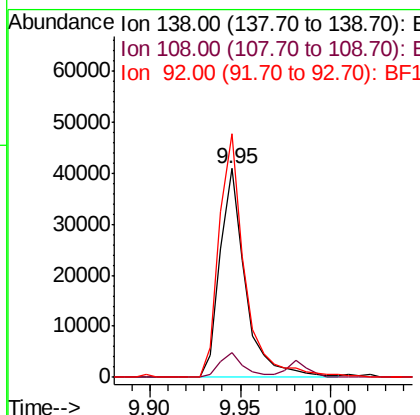
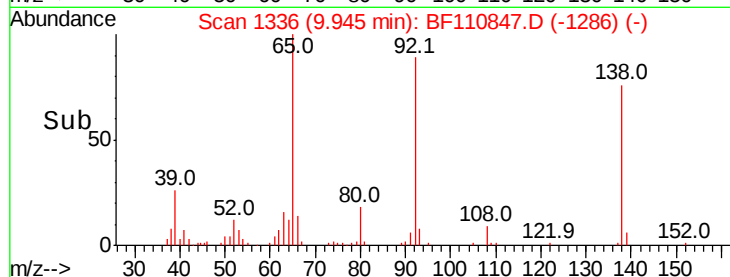
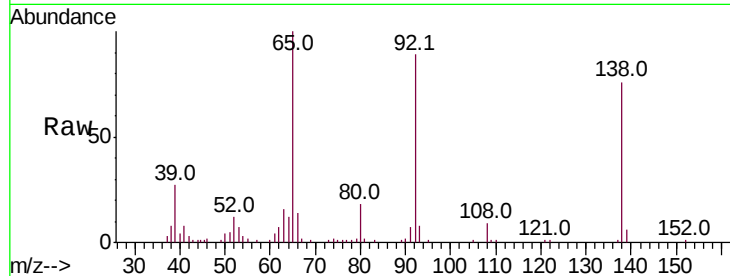
#53
3-Nitroaniline
Concen: 17.387 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion:138 Resp: 39941
Ion Ratio Lower Upper
138 100
108 12.0 8.7 13.1
92 116.5 97.0 145.4

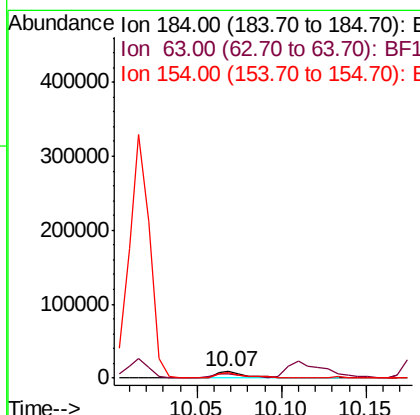
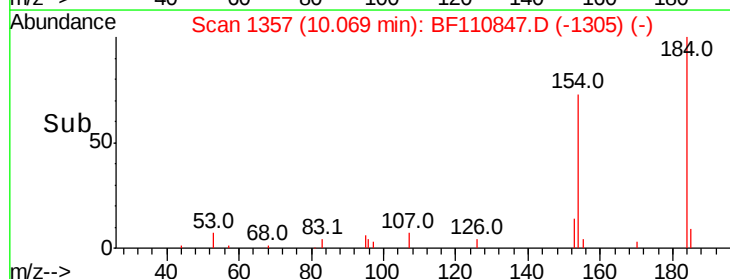
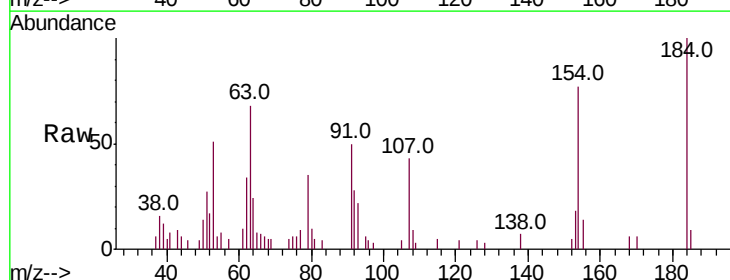
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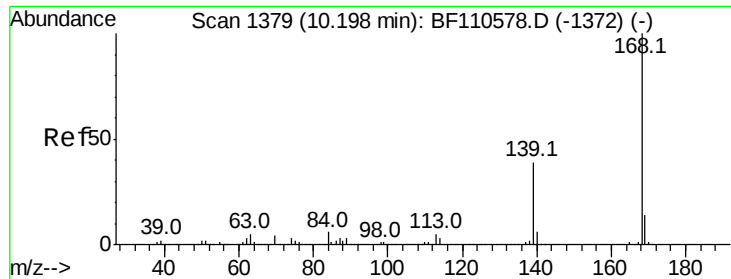
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#54
2,4-Dinitrophenol
Concen: 19.242 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion:184 Resp: 12202
Ion Ratio Lower Upper
184 100
63 67.5 55.8 83.6
154 76.8 63.2 94.8





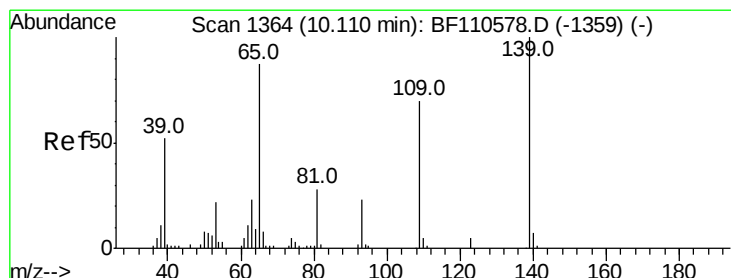
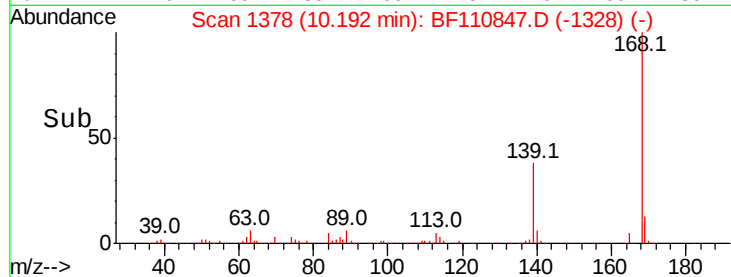
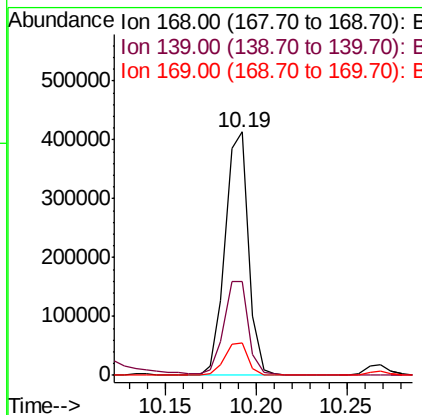
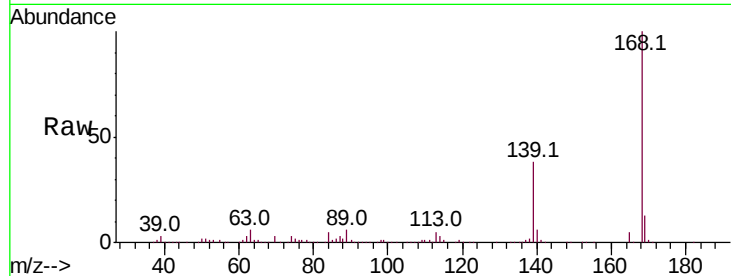
#55
Dibenzofuran
Concen: 34.511 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	33.0	49.6
169	13.1	11.3	16.9

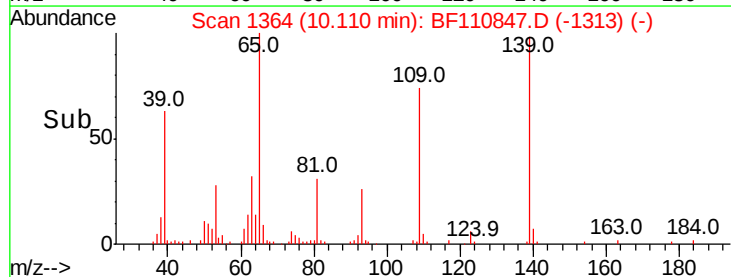
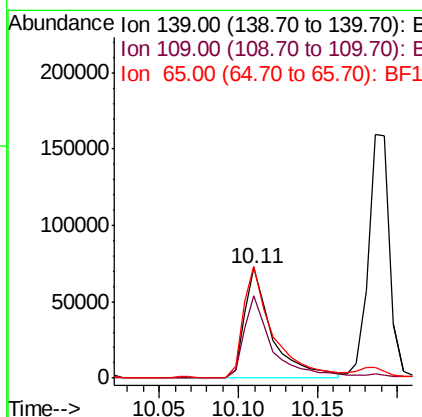
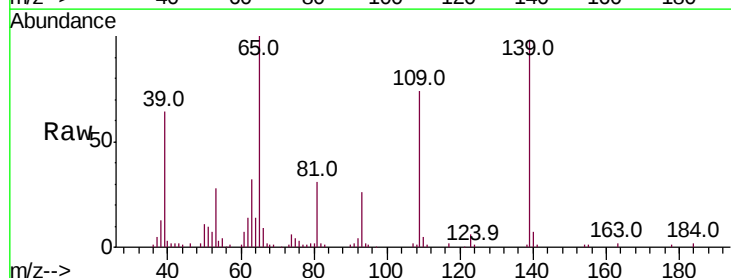
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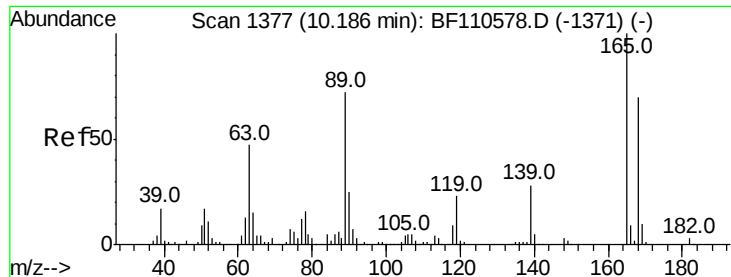
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#56
4-Nitrophenol
Concen: 57.505 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.9	55.8	95.8
65	101.9	77.9	117.9





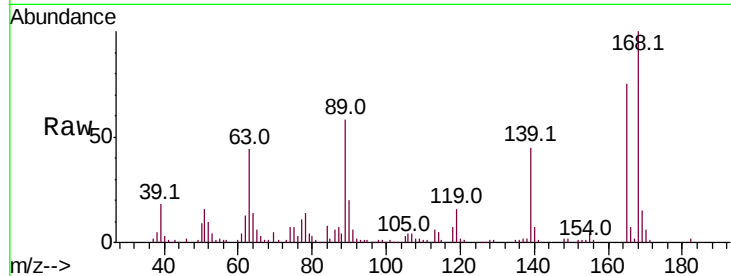
#57
2,4-Dinitrotoluene
Concen: 32.598 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.0	44.8	67.2	
89	77.9	62.2	93.4	
182	2.6	2.1	3.1	

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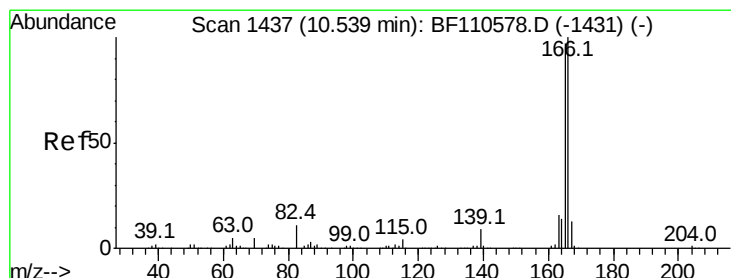
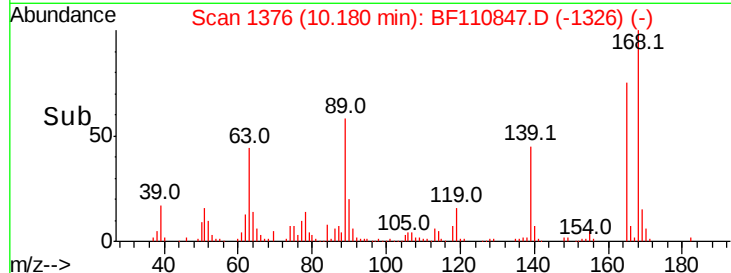
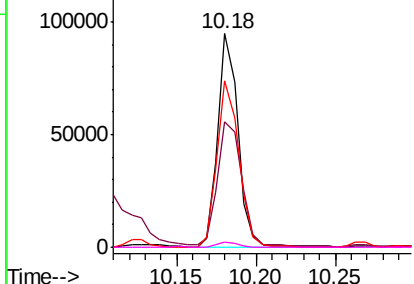
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

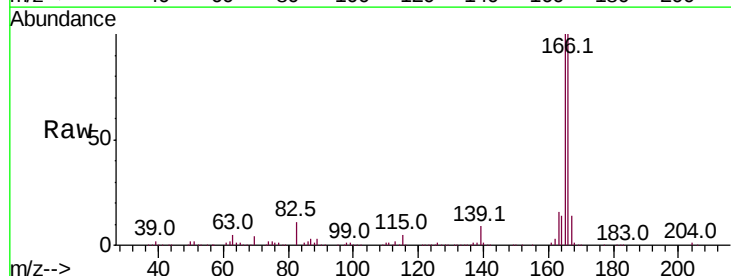
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.467 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	78.6	117.8	
167	13.9	10.8	16.2	

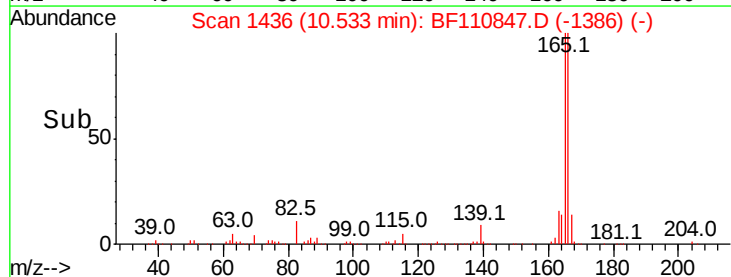
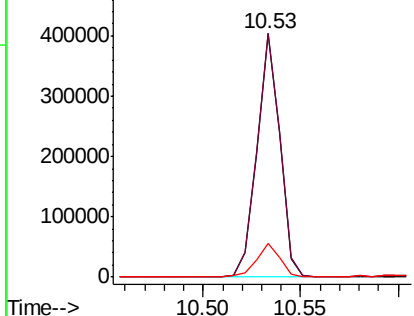


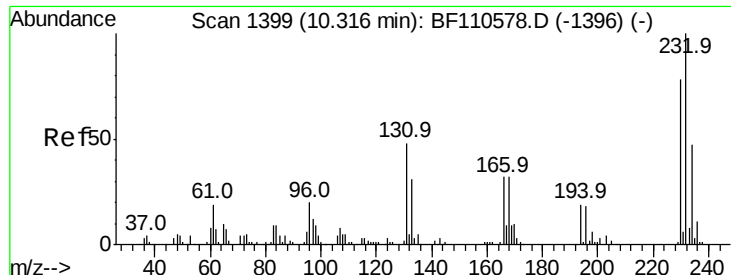
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





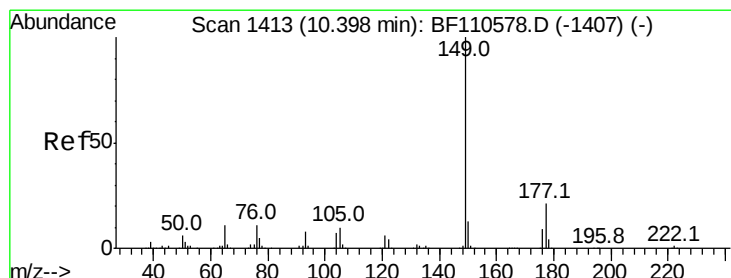
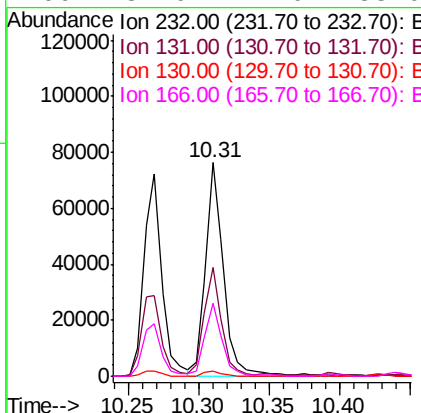
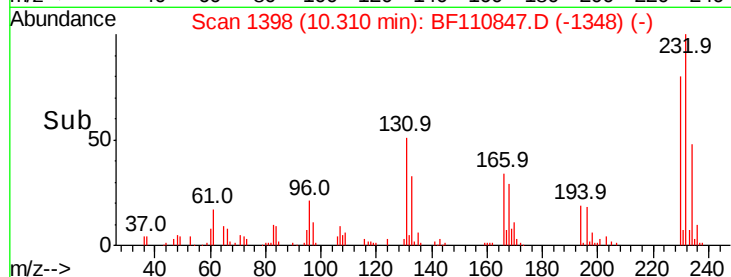
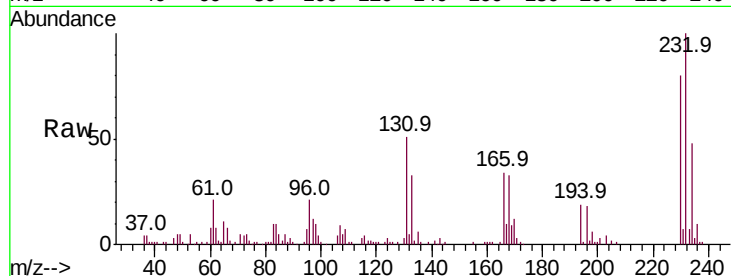
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.928 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.5	37.0	55.4
130	2.6	1.8	2.6
166	32.9	22.0	33.0

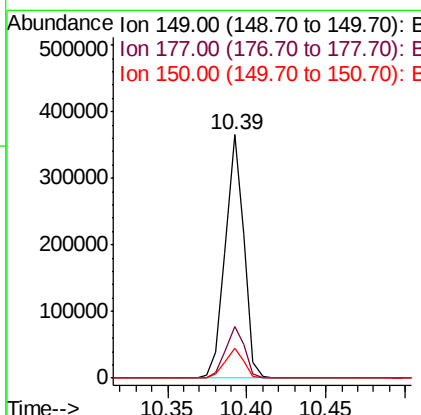
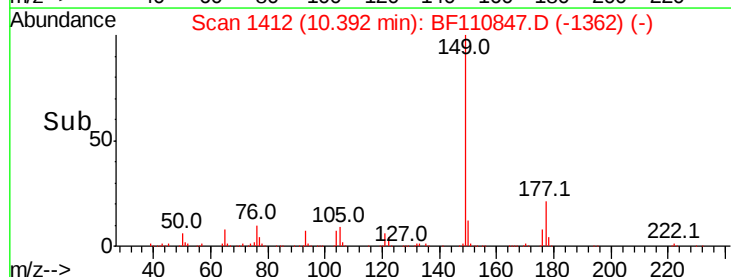
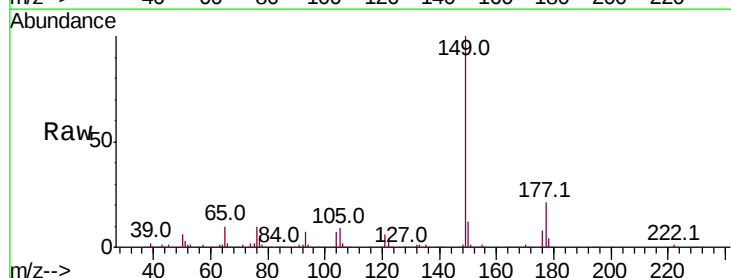
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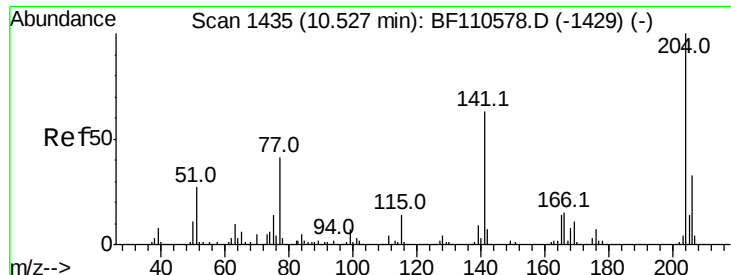
Sohil
 11/20/2018 11:07:20 AM



#60
 Diethylphthalate
 Concen: 33.285 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.3	9.8	14.8





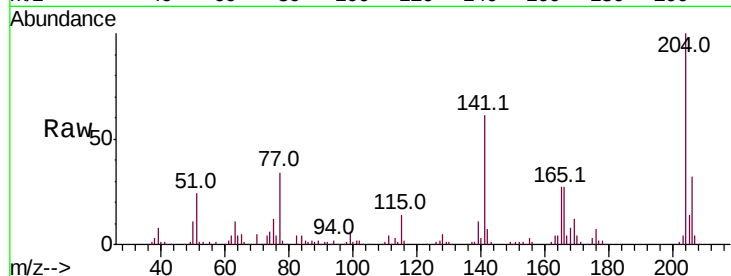
#61
4-Chlorophenyl-phenylether
Concen: 30.328 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	60.9	51.8	77.8

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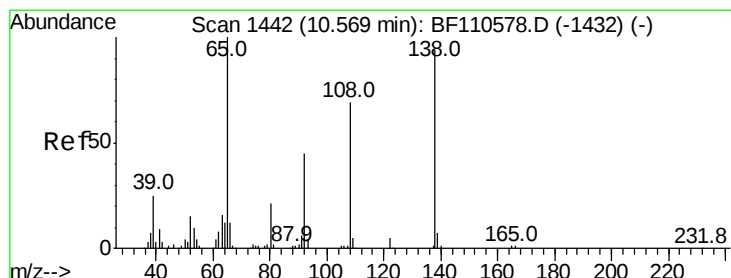
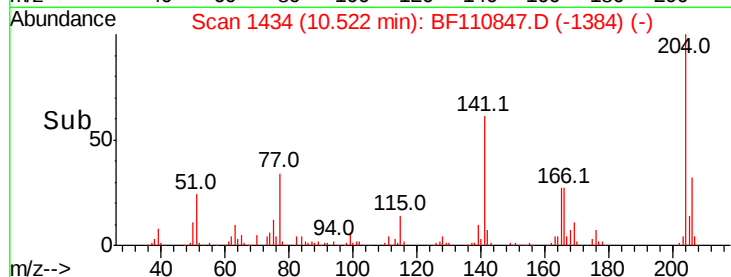
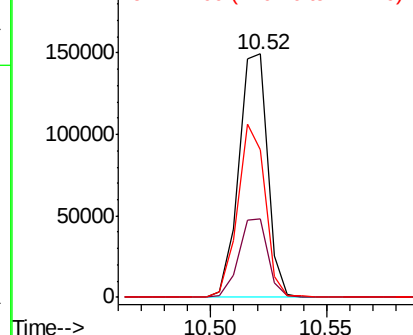


Abundance

Ion 204.00 (203.70 to 204.70): E

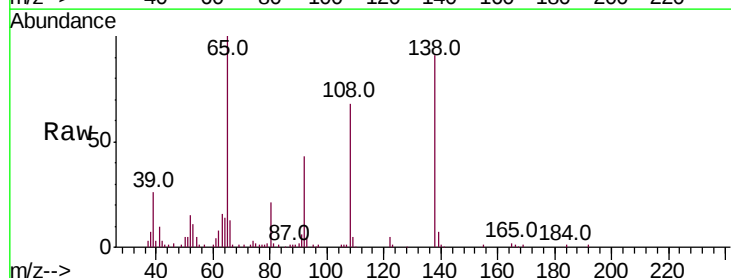
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 26.434 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.7	71.7
108	75.2	59.3	99.3

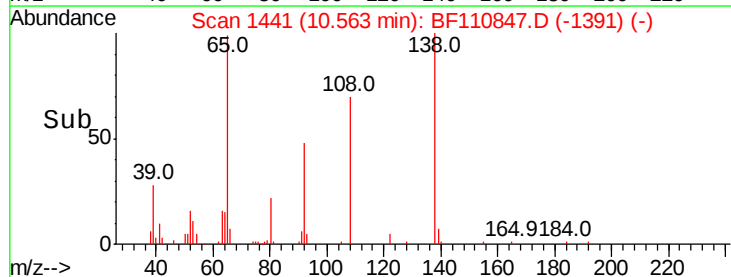
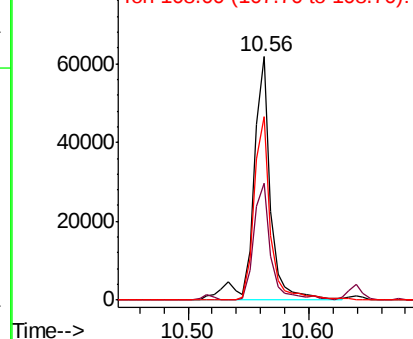


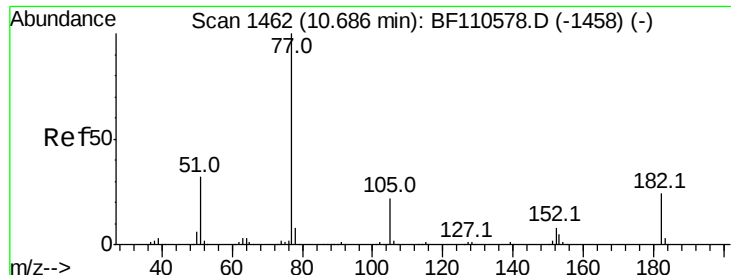
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





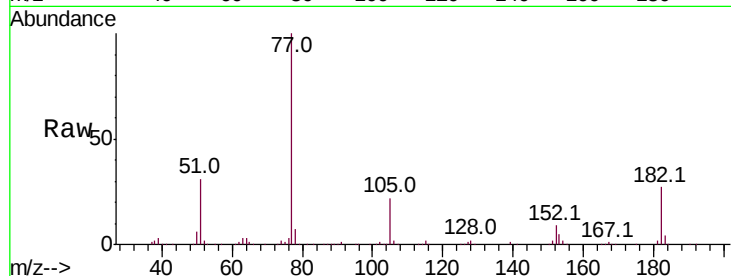
#63
Azobenzene
Concen: 31.114 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

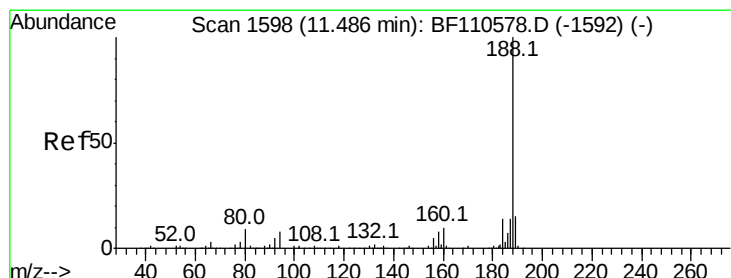
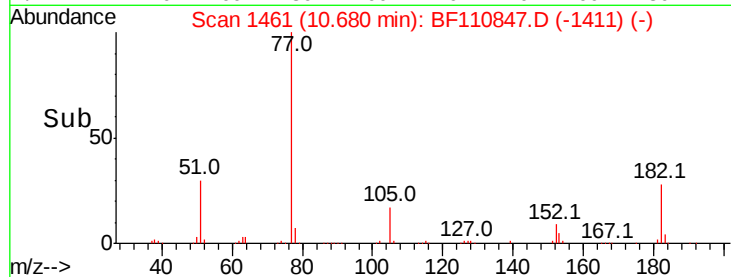
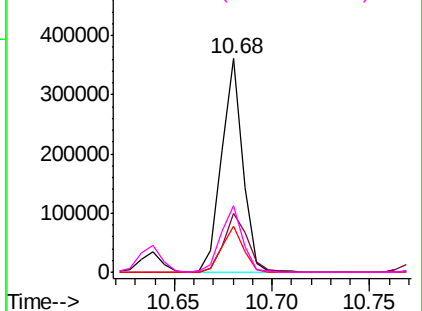
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	4.3	44.3
105	21.8	1.3	41.3
51	31.0	9.0	49.0

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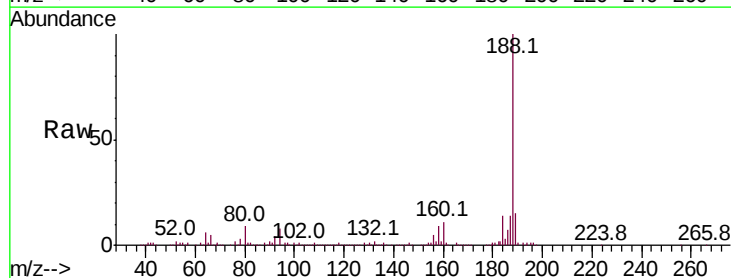


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

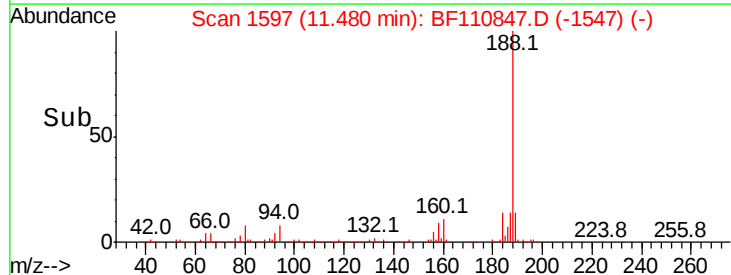
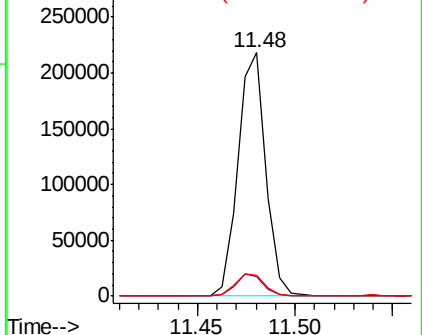


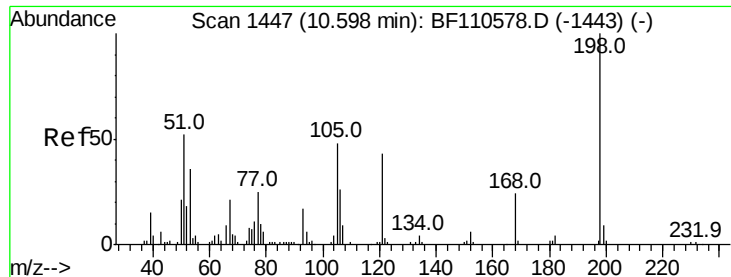
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	8.6	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





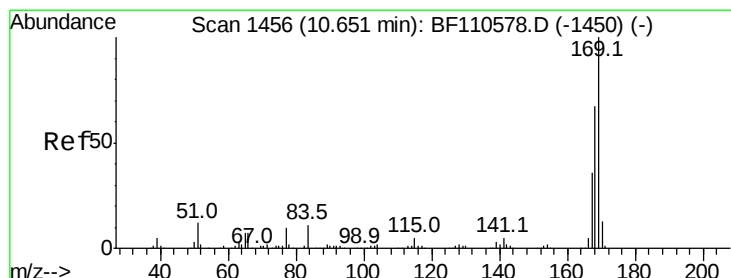
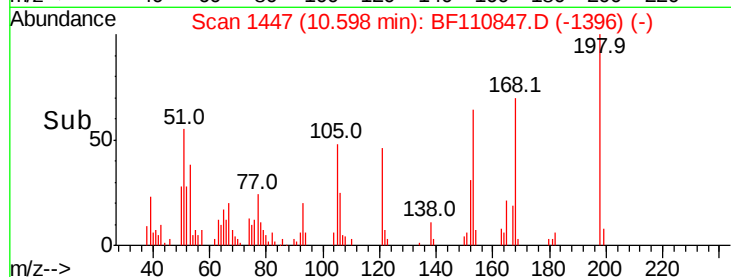
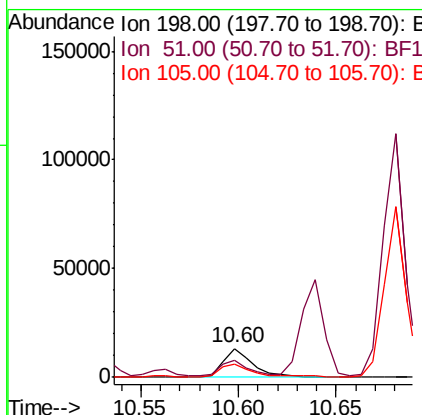
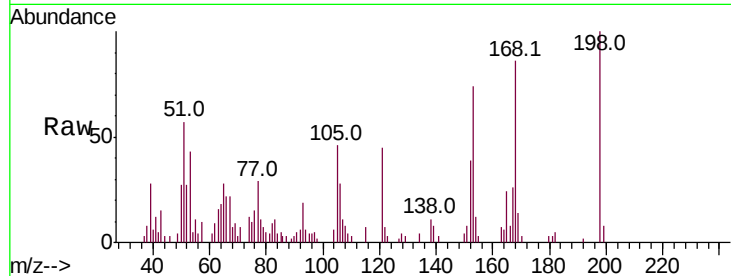
#65
4,6-Dinitro-2-methylphenol
Concen: 12.770 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.0	22.8	62.8
105	46.4	23.6	63.6

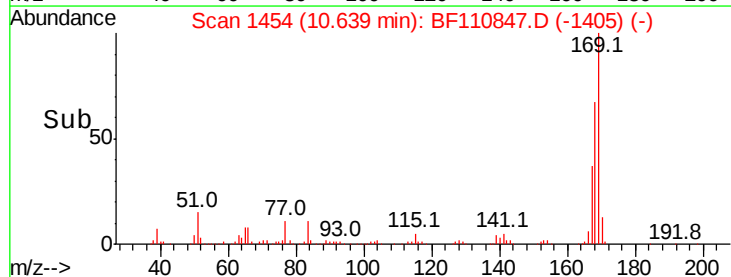
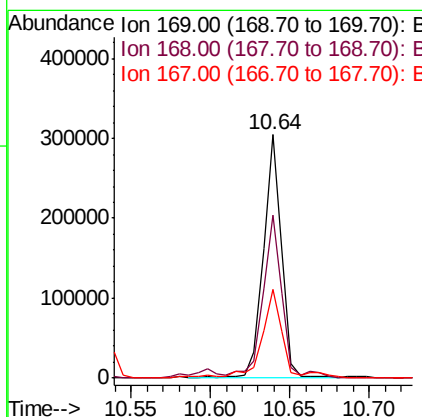
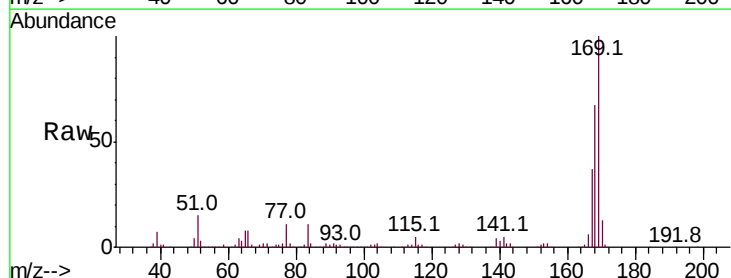
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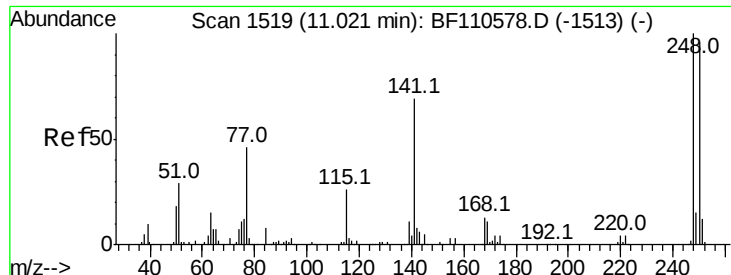
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 33.562 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.2	76.8
167	36.6	27.8	41.6





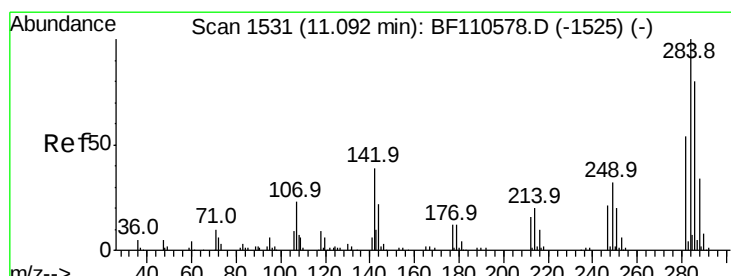
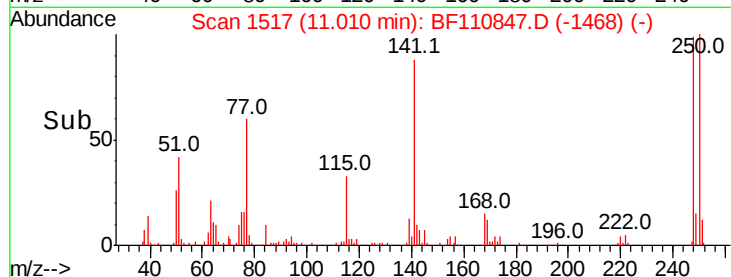
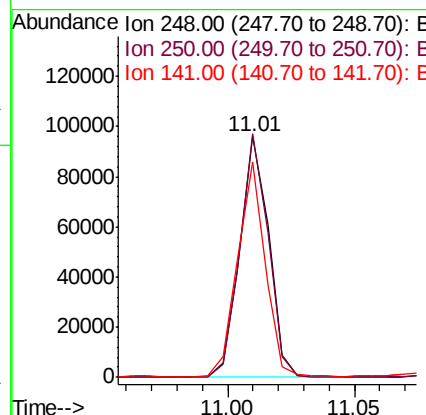
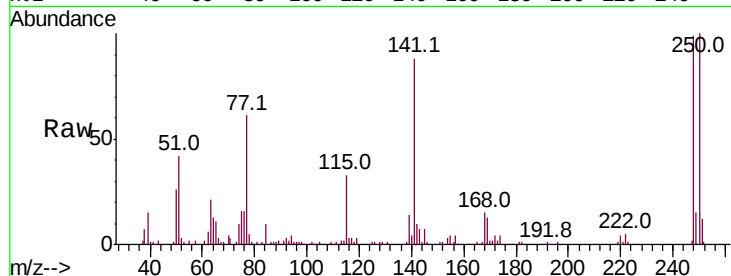
#67
4-Bromophenyl-phenylether
Concen: 32.297 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.2	79.4	119.2
141	89.4	55.9	83.9

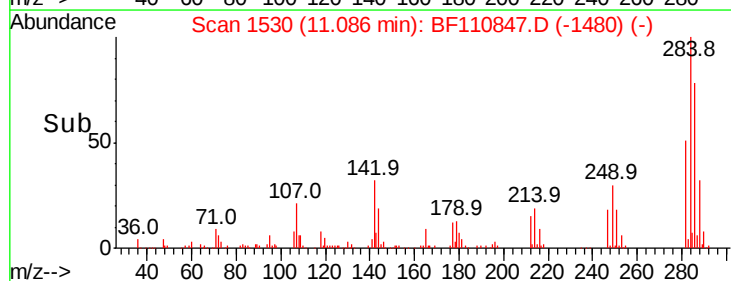
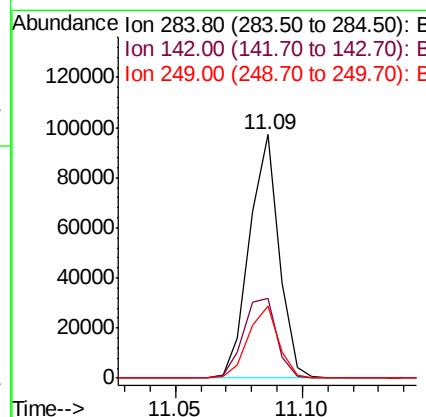
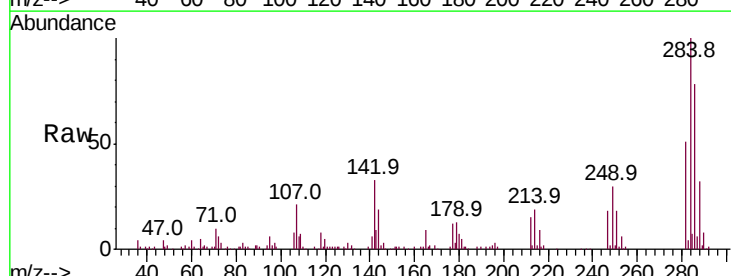
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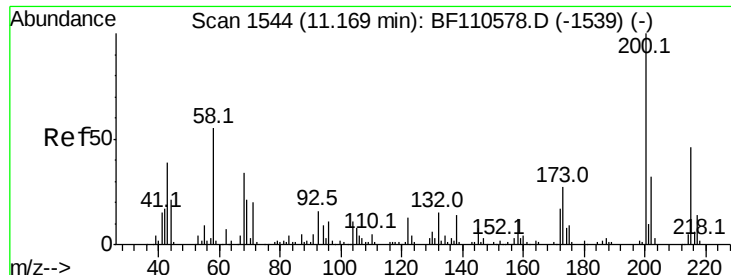
Sohil
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#68
Hexachlorobenzene
Concen: 31.833 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	23.9	35.9
249	29.5	24.2	36.2





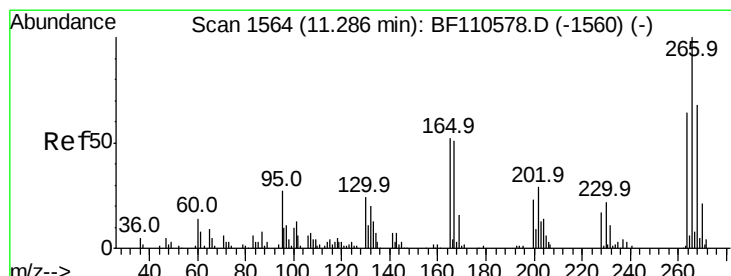
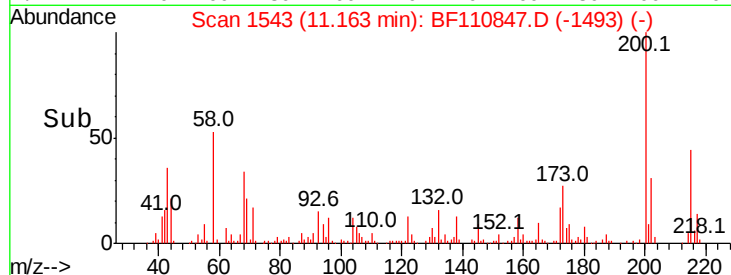
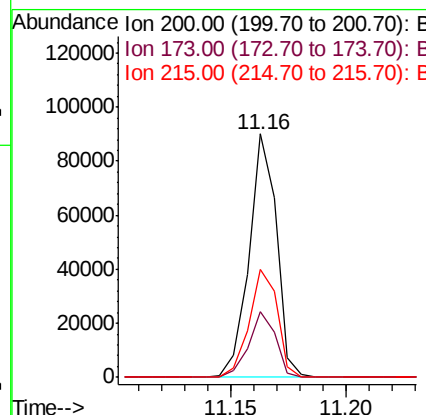
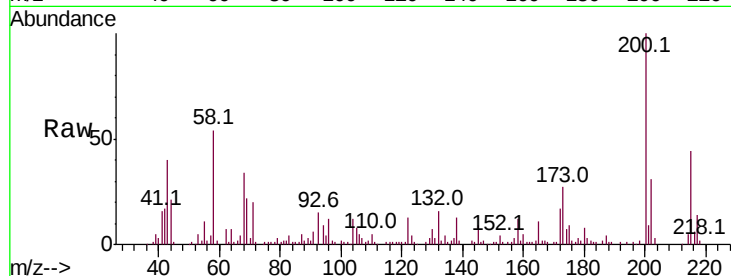
#69
 Atrazine
 Concen: 34.097 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	44.5	26.3	66.3

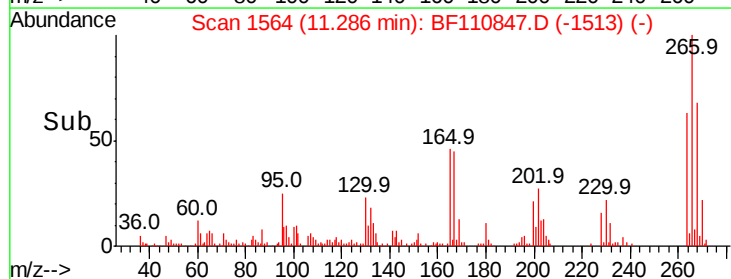
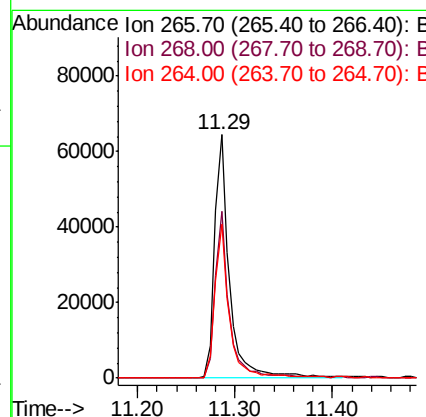
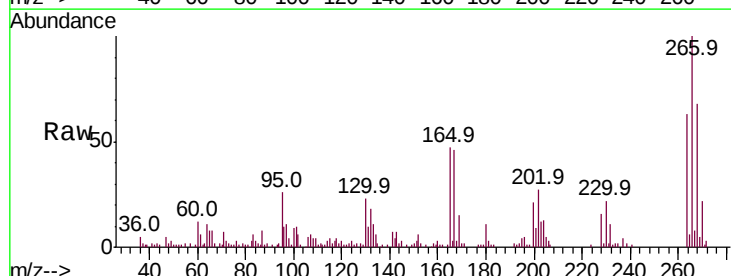
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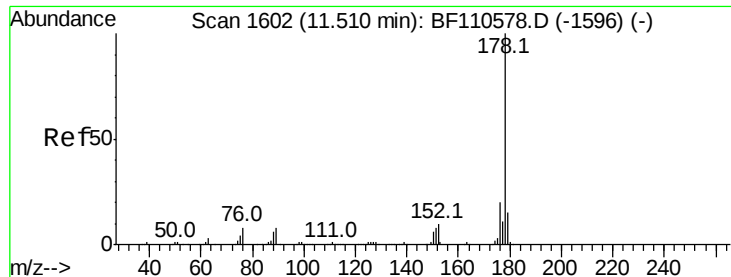
Sohil
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#70
 Pentachlorophenol
 Concen: 51.790 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	50.6	75.8
264	63.1	50.6	75.8





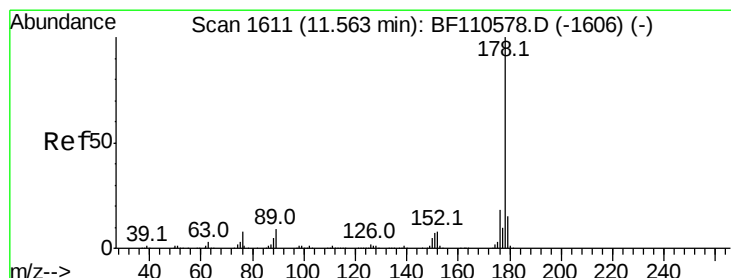
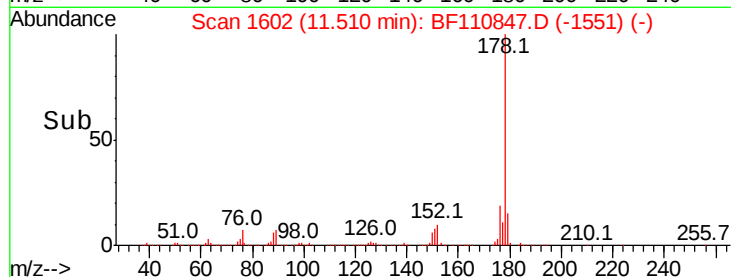
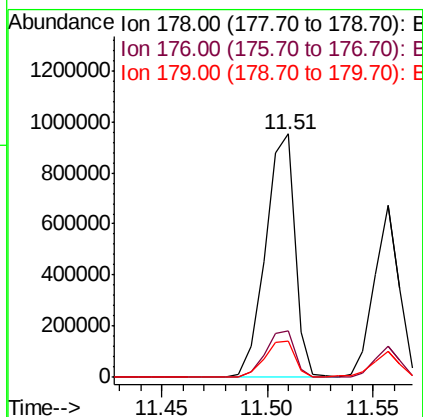
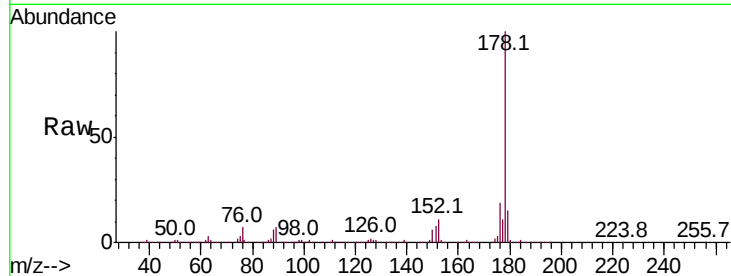
#71
Phenanthrene
Concen: 80.623 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.1	12.5	18.7

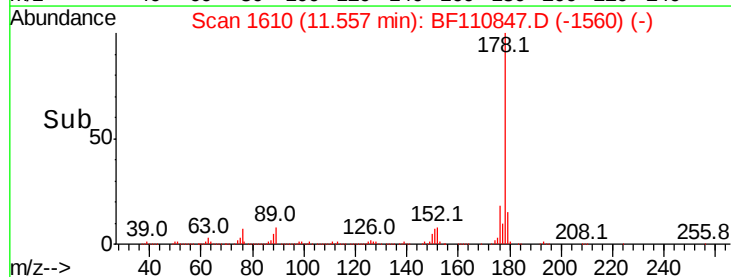
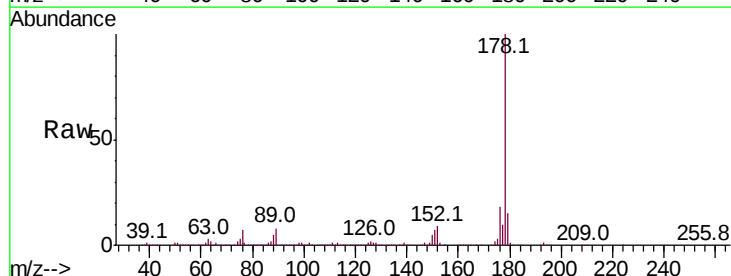
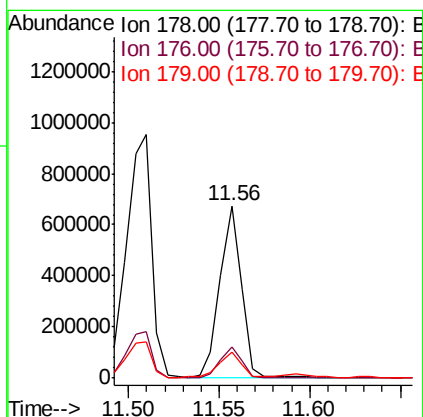
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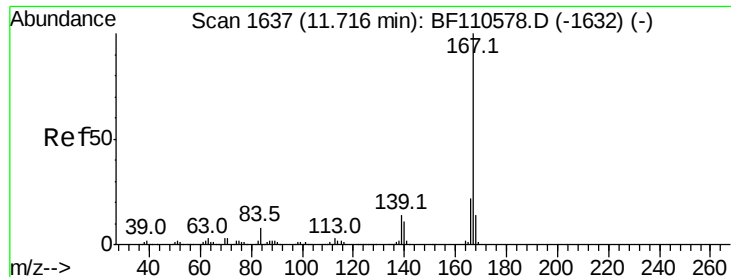
Sohil
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#72
Anthracene
Concen: 48.680 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	14.9	12.6	18.8





#73

Carbazole

Concen: 33.038 ng

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

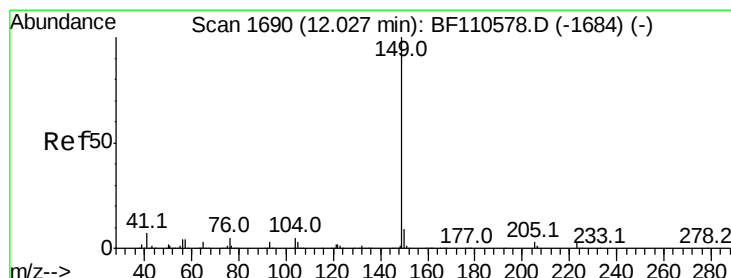
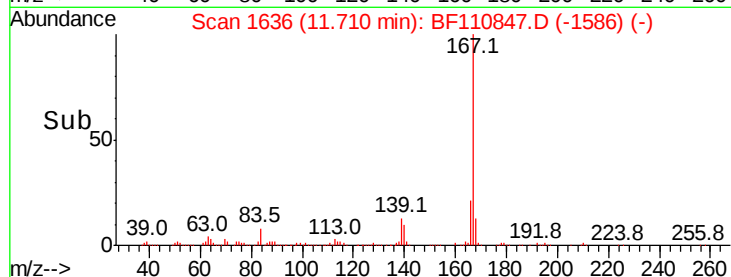
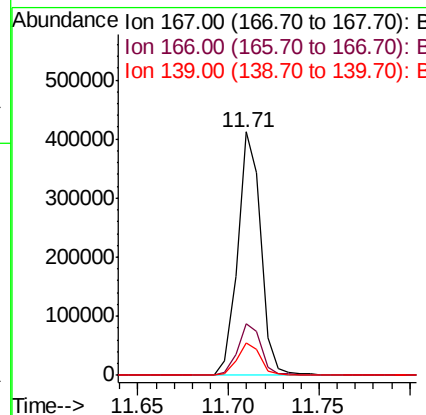
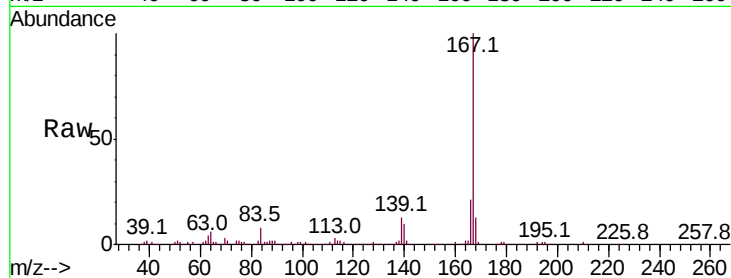
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	167	Resp:	365655
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.4	26.0
139	13.4	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 33.938 ng

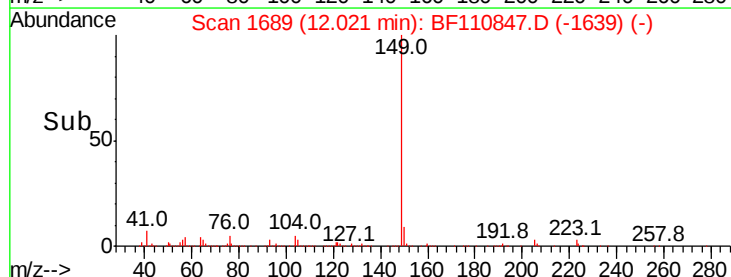
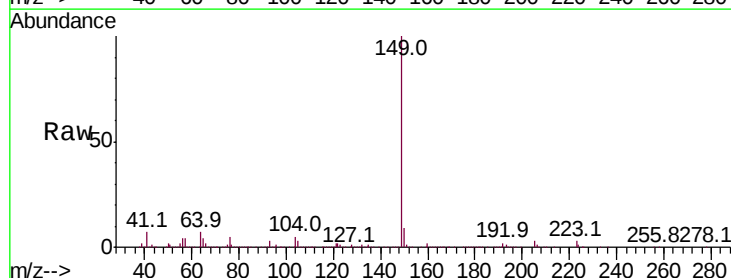
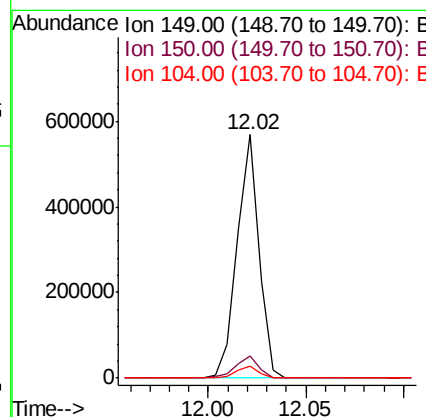
RT: 12.02 min Scan# 1689

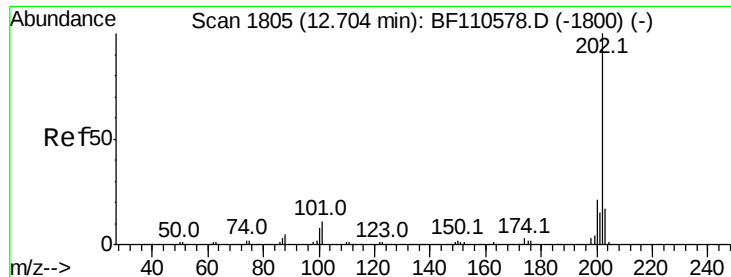
Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	149	Resp:	440481
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 91.838 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

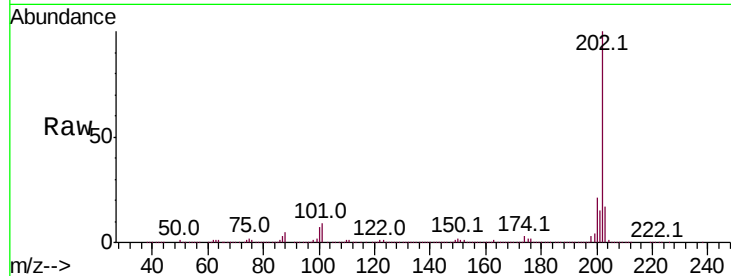
ClientSampleId :

MMTW-03(8-10)MS

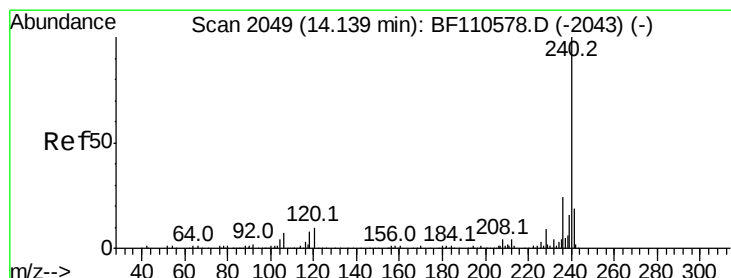
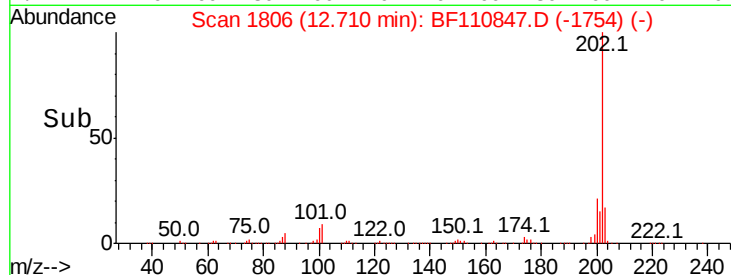
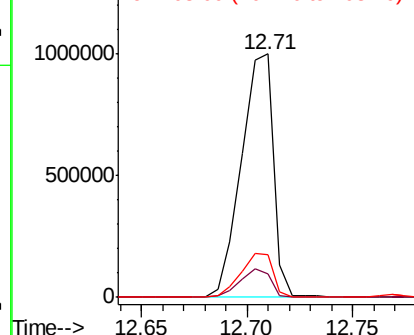
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.4
203	17.5	0.0	37.7

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



#76

Chrysene-d12

Concen: 20.000 ng

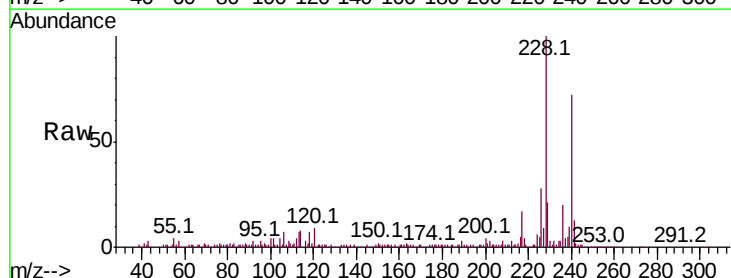
RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

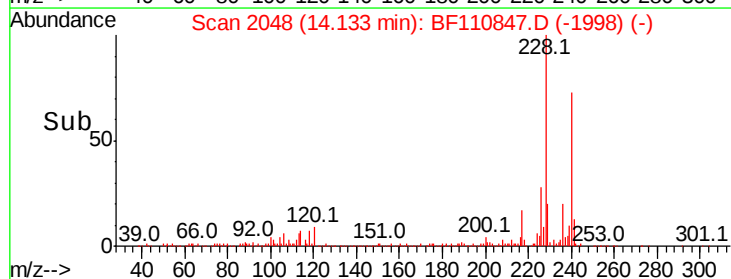
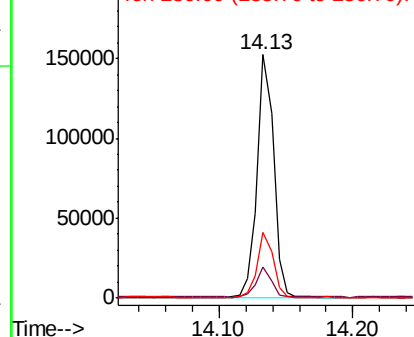
Lab File: BF110847.D

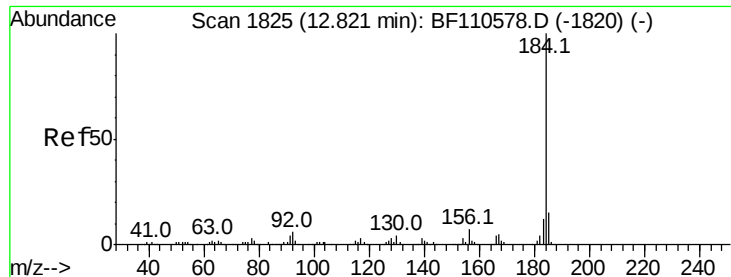
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	27.2	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.609 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:184 Resp: 58929

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.2

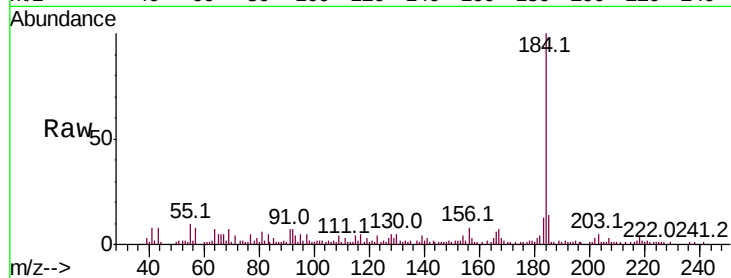
183 13.1 9.4 14.2

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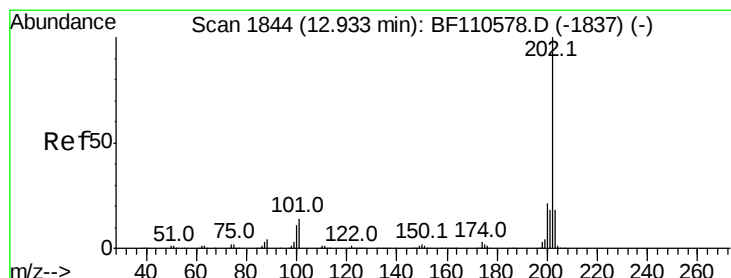
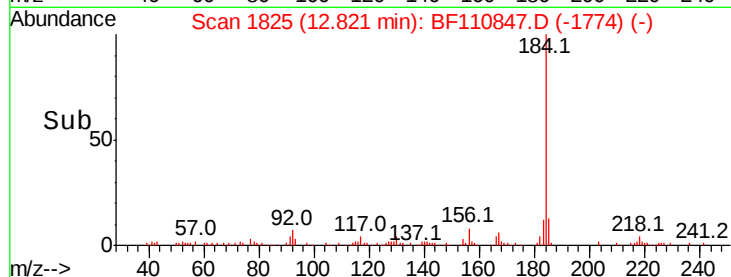
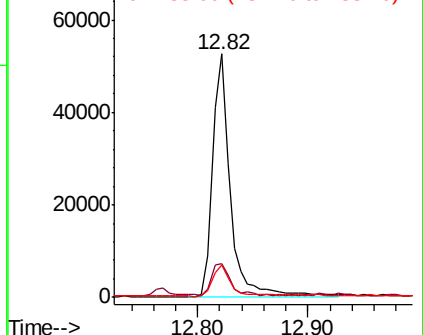
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 97.620 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

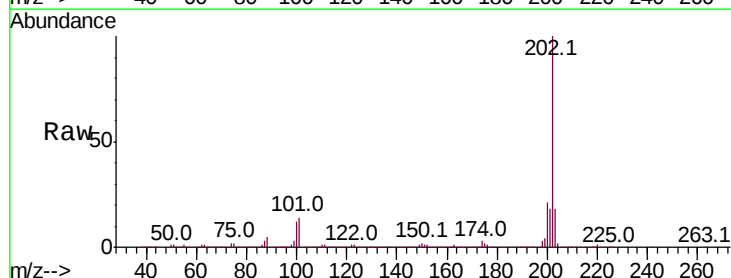
Tgt Ion:202 Resp: 969788

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

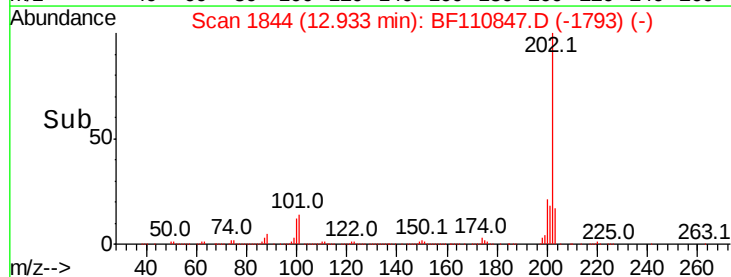
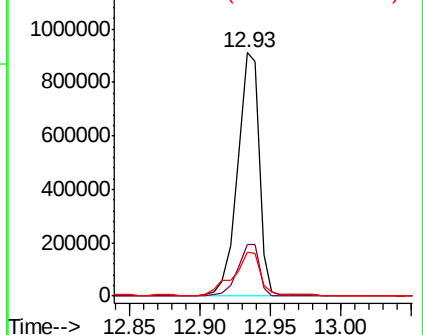
203 17.8 14.2 21.4

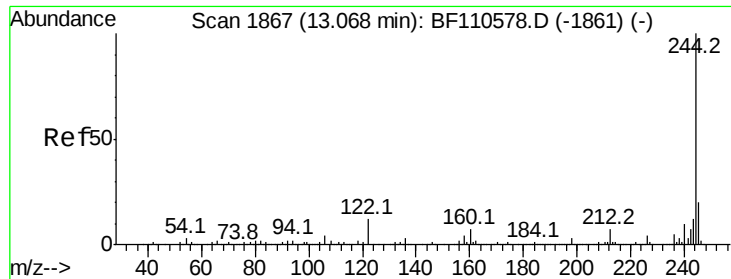


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





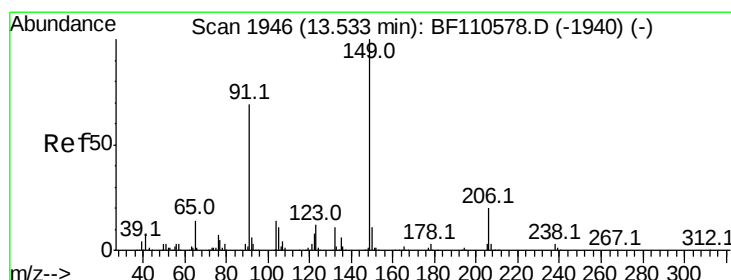
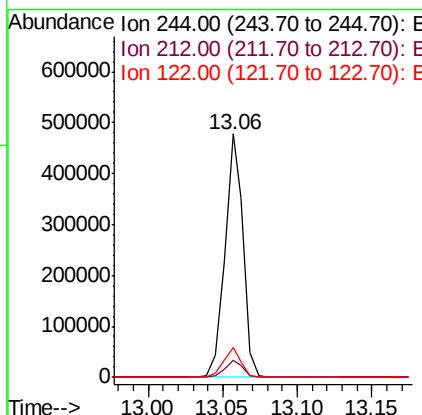
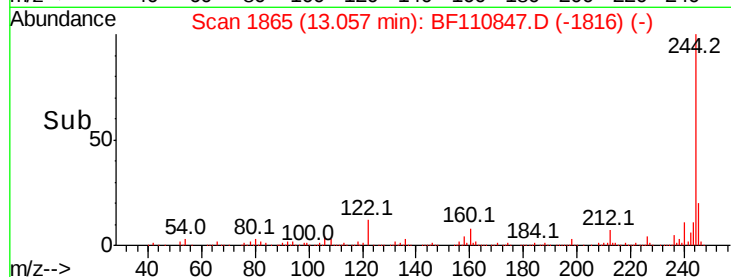
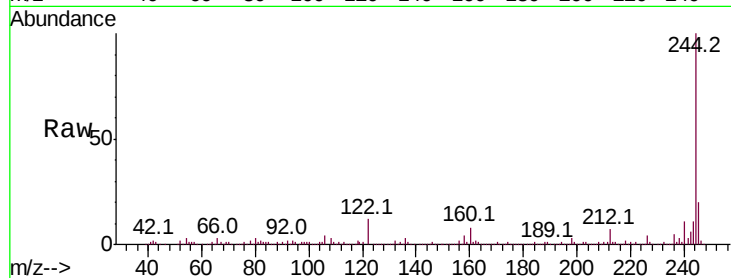
#79
 Terphenyl-d14
 Concen: 59.520 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Instrument :
 BNA_F
 ClientSampleId :
 MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.0	8.7	13.1

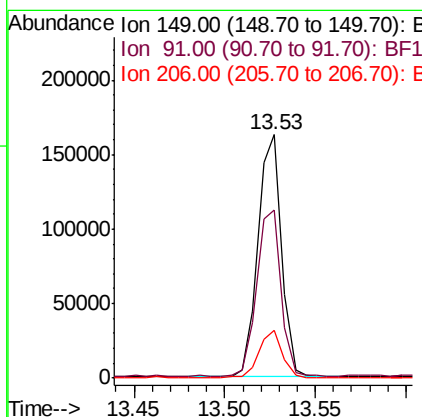
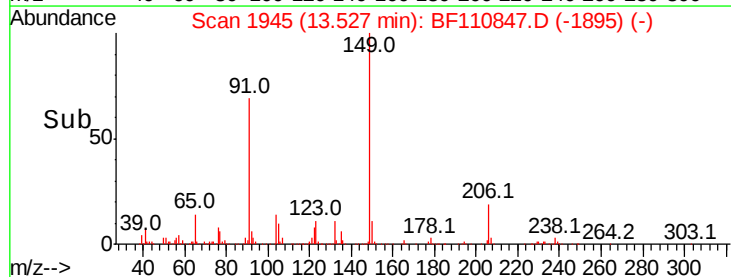
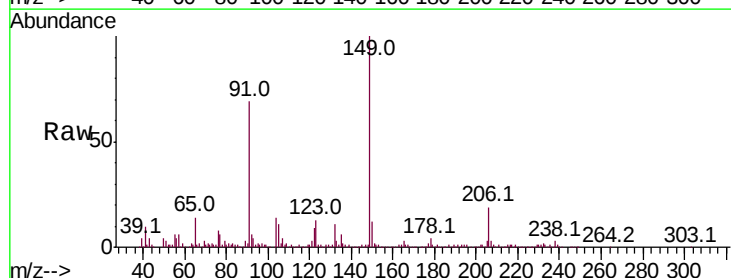
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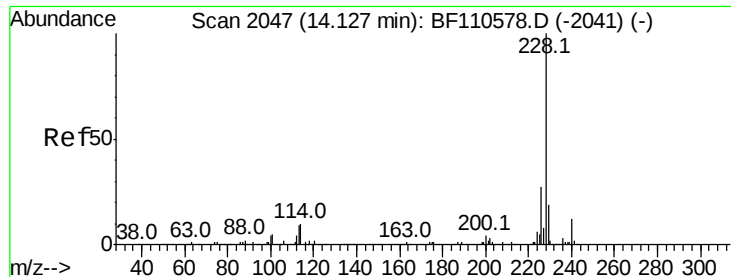
Sohil
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#80
 Butylbenzylphthalate
 Concen: 34.270 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110847.D
 Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	57.2	85.8
206	19.5	15.7	23.5





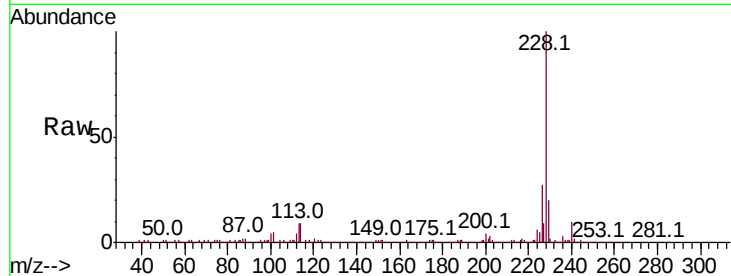
#81
Benzo(a)anthracene
Concen: 75.038 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.5	15.6	23.4

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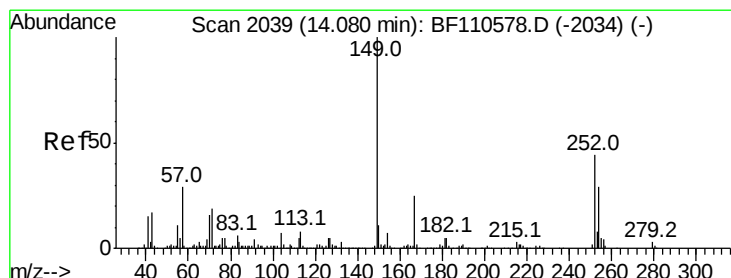
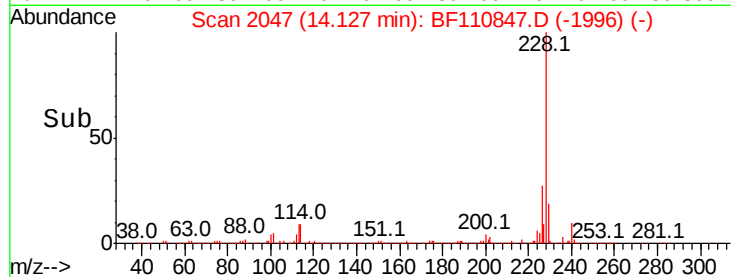
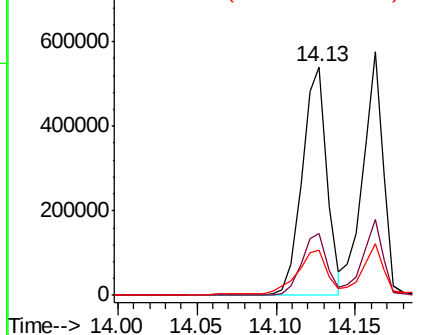


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 21.646 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

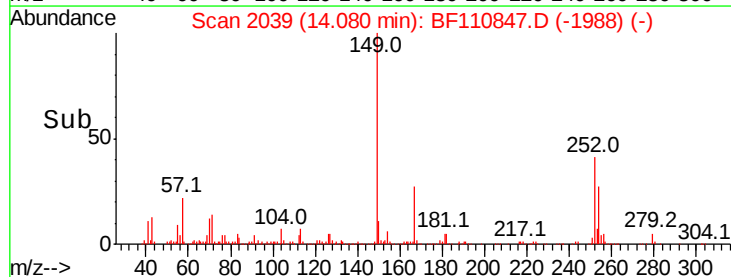
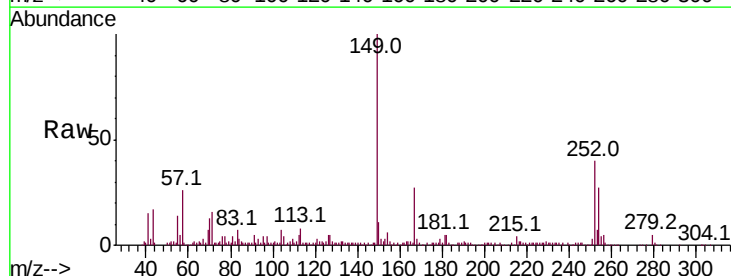
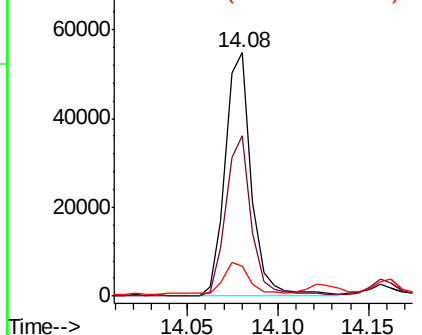
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.3	76.9
126	12.5	9.4	14.2

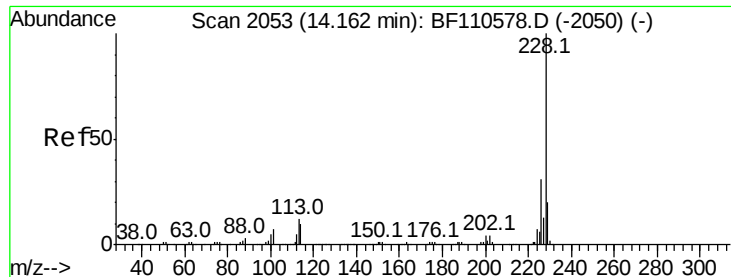
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





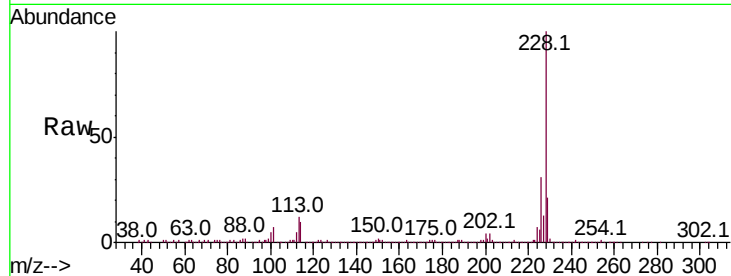
#83
Chrysene
Concen: 70.759 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

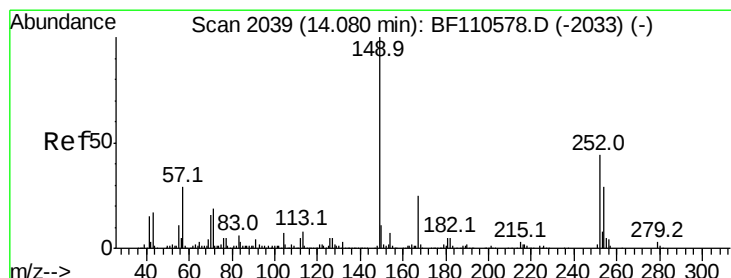
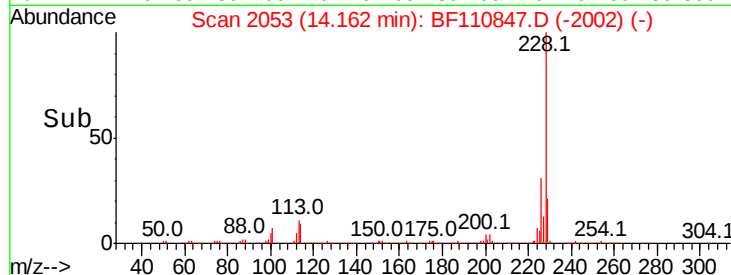
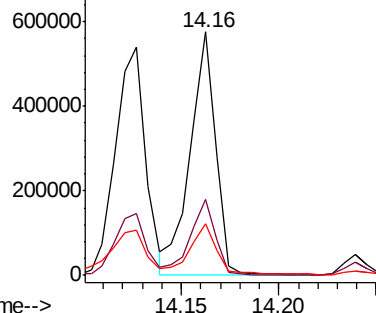
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	21.4	15.9	23.9

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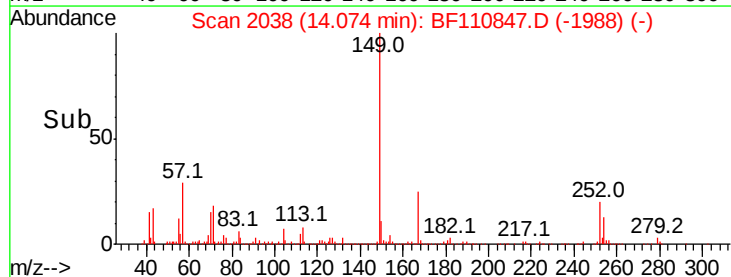
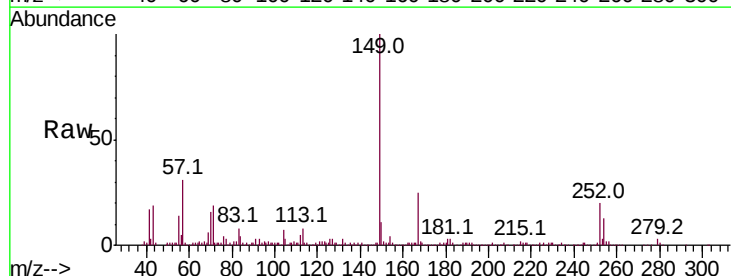
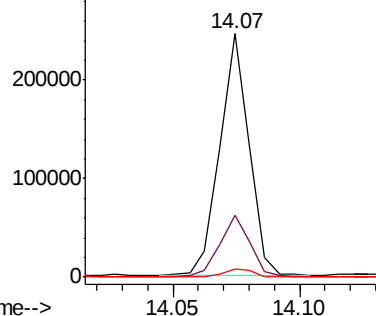
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

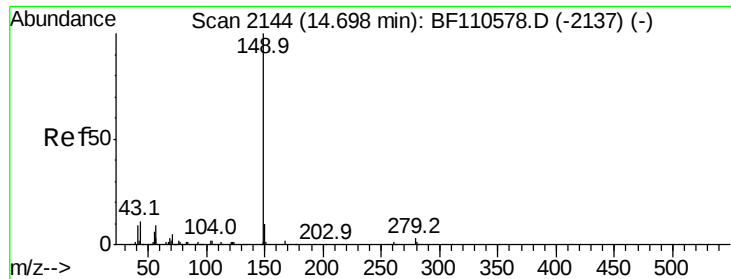


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.859 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.3	2.7	4.1

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.044 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

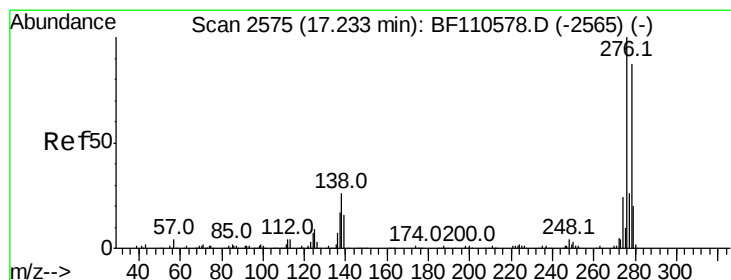
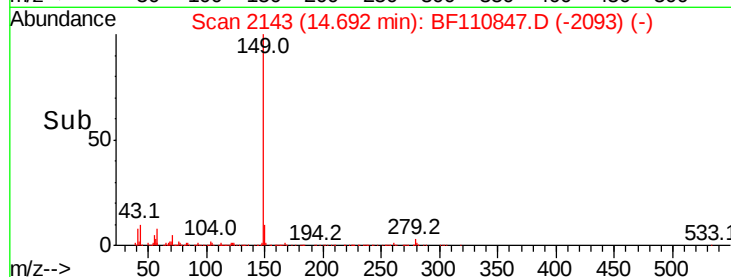
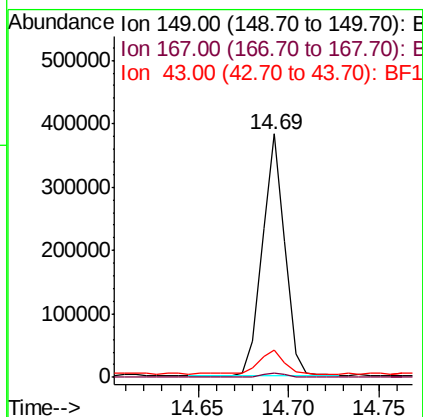
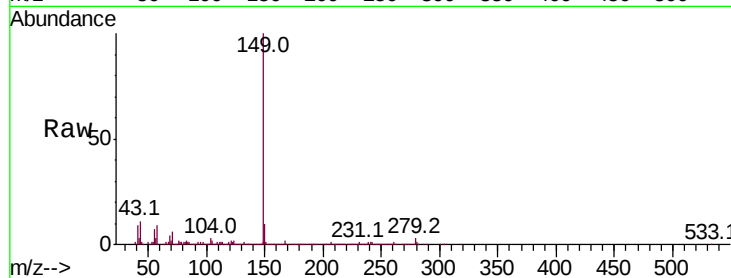
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	149	Resp:	327949
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	10.5	7.8	11.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 66.603 ng

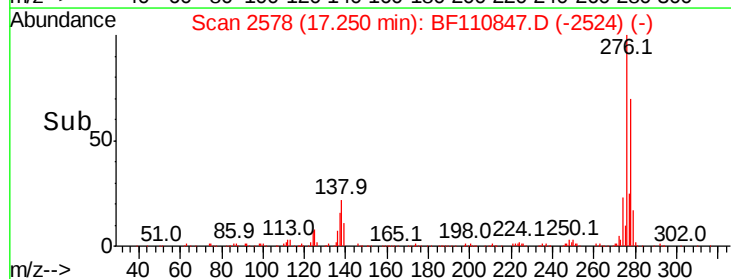
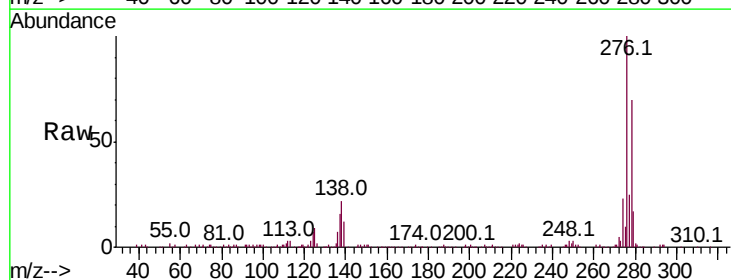
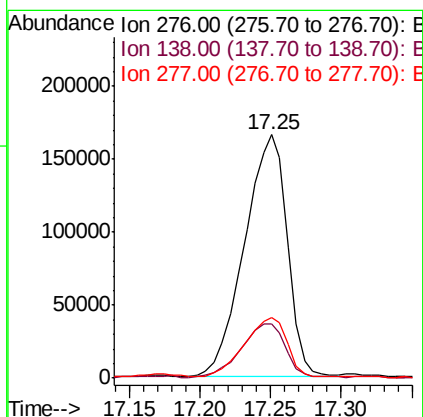
RT: 17.25 min Scan# 2578

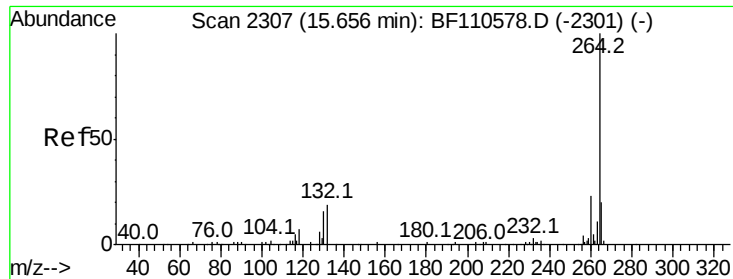
Delta R.T. 0.02 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	276	Resp:	351140
Ion Ratio	Lower	Upper	
276	100		
138	22.4	18.5	27.7
277	24.0	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Instrument :

BNA_F

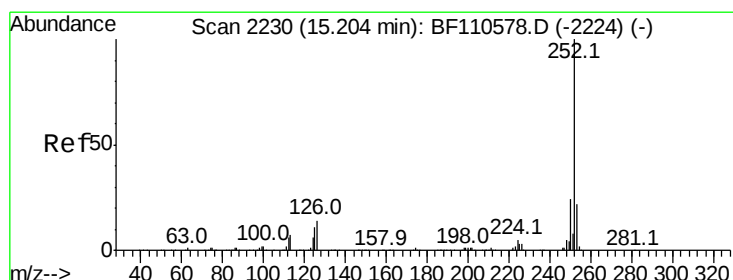
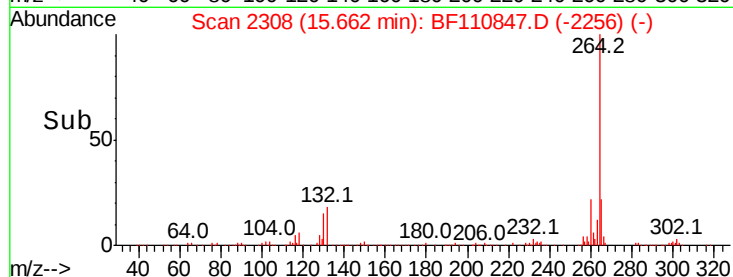
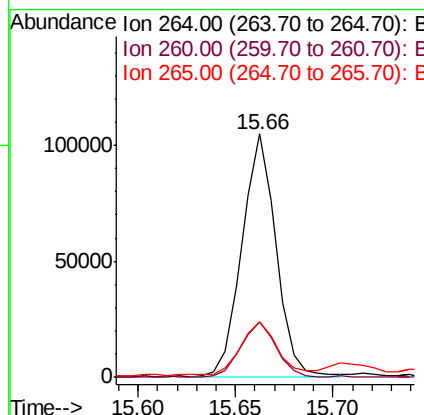
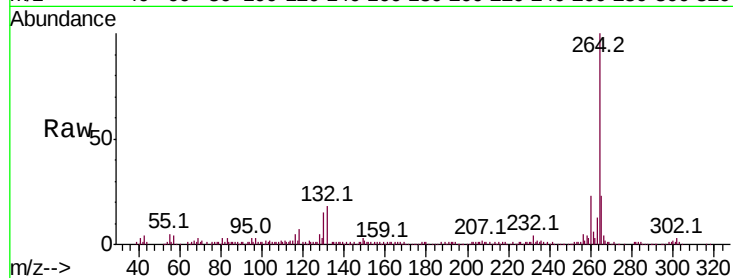
ClientSampleId :

MMTW-03(8-10)MS

Tot Ion:	264	Resp:	126219
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.7	28.1
265	22.8	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 80.107 ng

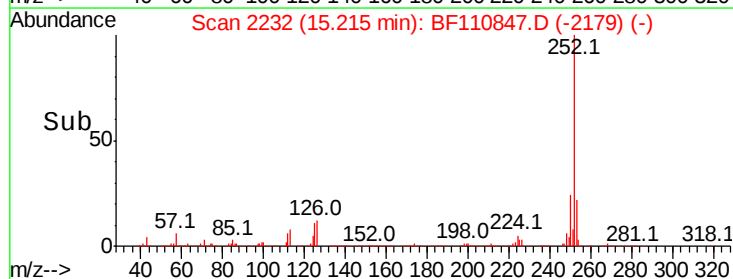
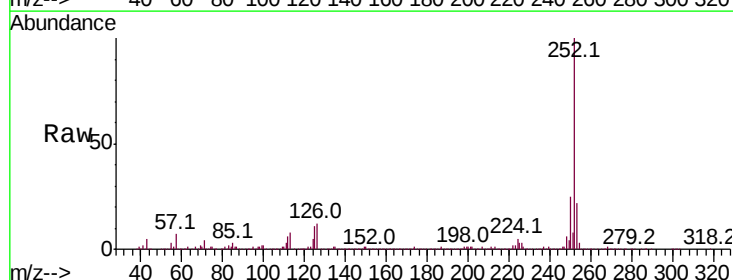
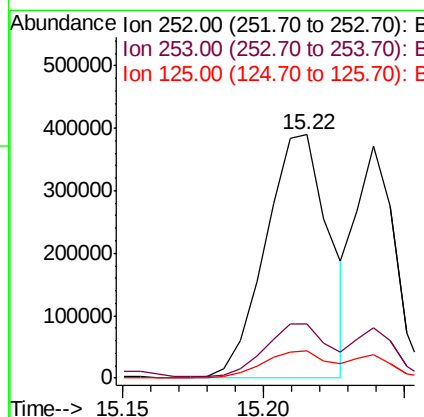
RT: 15.22 min Scan# 2232

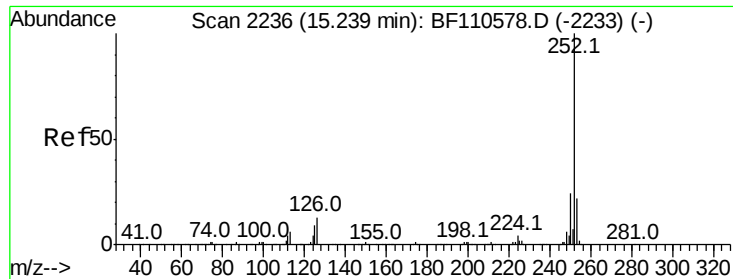
Delta R.T. 0.01 min

Lab File: BF110847.D

Acq: 19 Nov 2018 12:37

Tgt Ion:	252	Resp:	604875
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	11.2	8.2	12.4





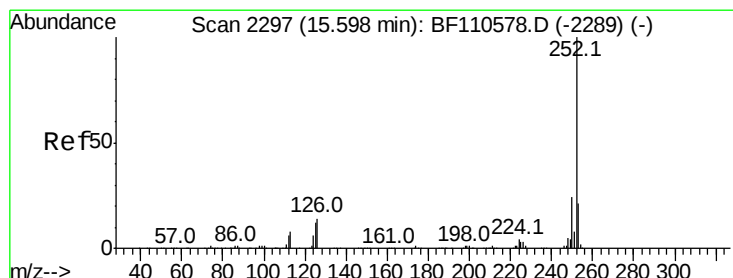
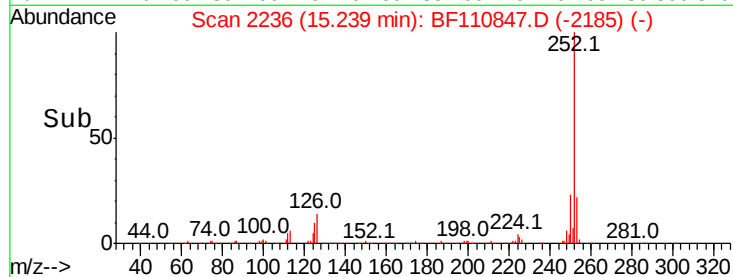
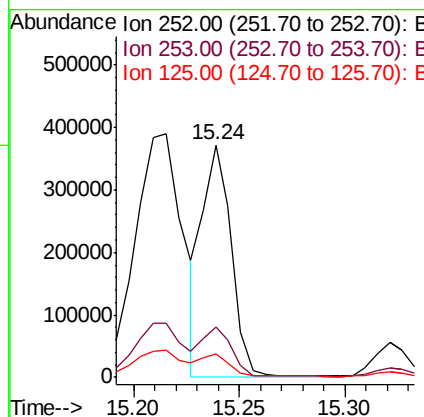
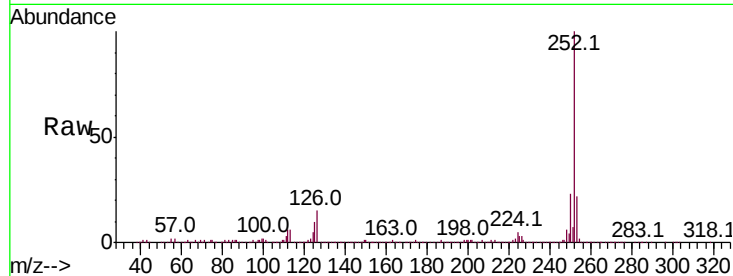
#89
Benzo(k)fluoranthene
Concen: 47.432 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.1	7.4	11.0

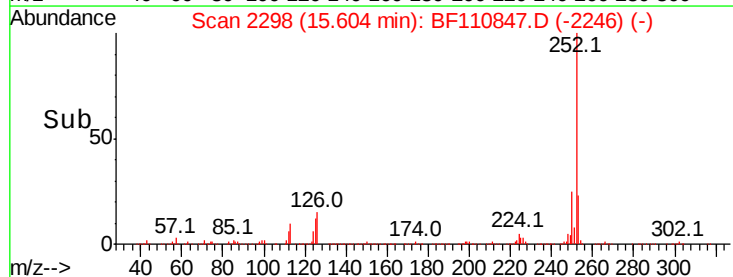
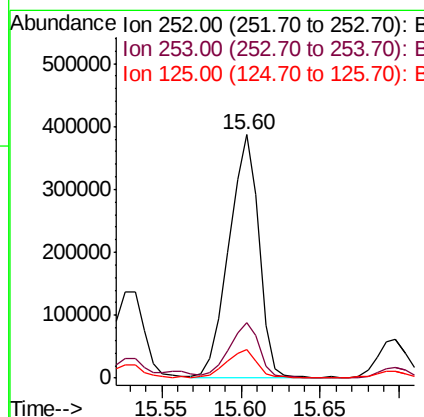
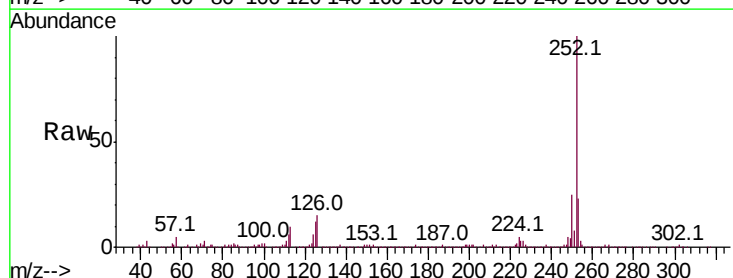
Manual Integrations
APPROVED

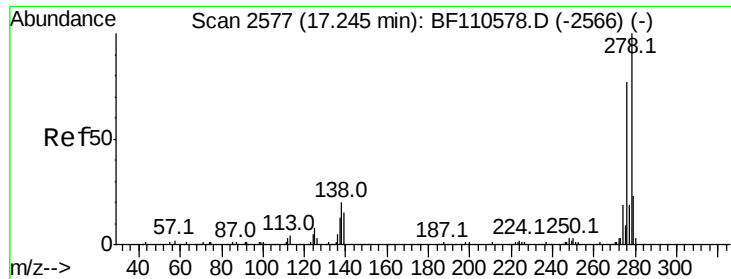
Sohil
11/20/2018 11:07:20 AM



#90
Benzo(a)pyrene
Concen: 73.275 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.9	9.0	13.6





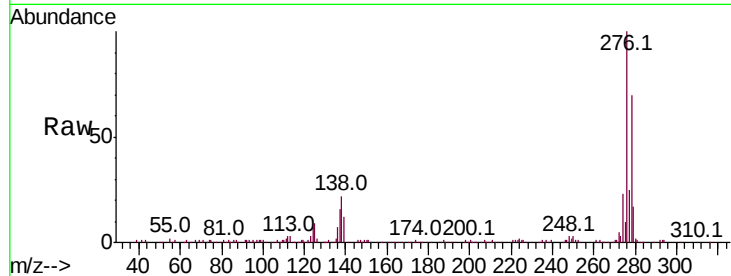
#91
Dibenzo(a,h)anthracene
Concen: 35.977 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	24.4	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/20/2018 11:07:20 AM

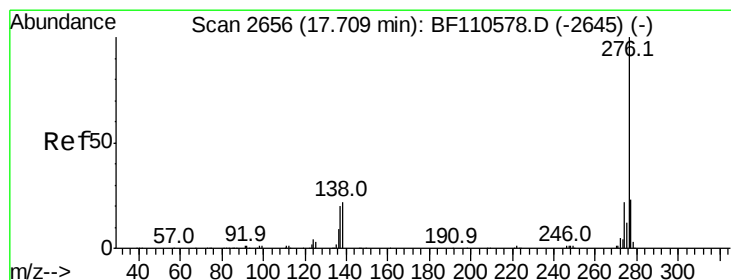
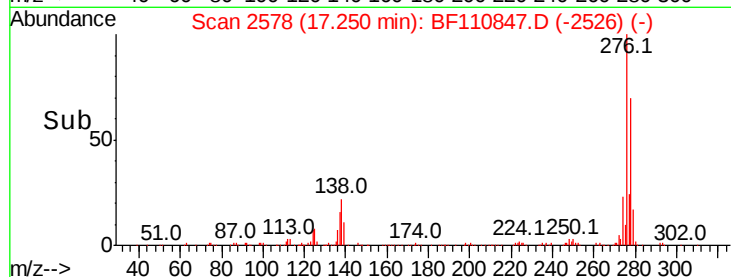
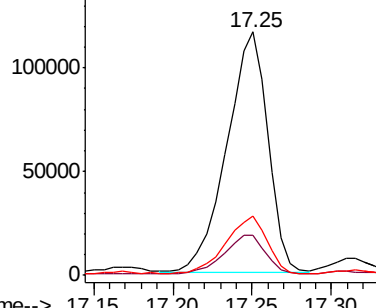


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 51.565 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110847.D
Acq: 19 Nov 2018 12:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.9	16.0	24.0

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

