

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110062.D
 Acq On : 22 Oct 2018 21:14
 Operator : JU/SJ
 Sample : J5605-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Manual Integrations
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Sohil
 10/23/2018 2:18:50 PM

Quant Time: Oct 23 04:36:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193873	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	736316	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	305032	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	473324	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	336164	20.00	ng	-0.01
87) Perylene-d12	15.67	264	254797	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1251794	102.35	ng	0.00
7) Phenol-d6	6.60	99	1585428	104.39	ng	0.00
23) Nitrobenzene-d5	7.54	82	965574	88.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	290371	109.95	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1627116	85.12	ng	-0.01
79) Terphenyl-d14	13.09	244	1186916	74.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	155176	22.338	ng	90
3) Pyridine	3.66	79	443351	28.627	ng	87
4) n-Nitrosodimethylamine	3.62	42	225555	35.702	ng	96
6) Aniline	6.64	93	383048	18.716	ng	# 53
8) 2-Chlorophenol	6.76	128	476685	34.794	ng	98
9) Benzaldehyde	6.52	77	253011	25.636	ng	97
10) Phenol	6.61	94	675341	41.186	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	451153	32.906	ng	93
12) 1,3-Dichlorobenzene	6.91	146	504309	33.570	ng	100
13) 1,4-Dichlorobenzene	6.99	146	507712	33.558	ng	97
14) 1,2-Dichlorobenzene	7.15	146	469825	33.723	ng	98
15) Benzyl Alcohol	7.11	79	411200	35.193	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	740359	32.900	ng	67
17) 2-Methylphenol	7.22	107	386179	34.956	ng	# 80
18) Hexachloroethane	7.48	117	165847	31.019	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	323687	33.194	ng	97
20) 3+4-Methylphenols	7.37	107	490014	34.954	ng	98
22) Acetophenone	7.38	105	642368	37.619	ng	# 98
24) Nitrobenzene	7.56	77	476560	40.134	ng	91
25) Isophorone	7.79	82	875362	40.758	ng	# 94
26) 2-Nitrophenol	7.87	139	224544	45.608	ng	95
27) 2,4-Dimethylphenol	7.90	122	430401	41.605	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	569106	38.610	ng	99
29) 2,4-Dichlorophenol	8.11	162	378332	37.700	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	407299	36.248	ng	96
31) Naphthalene	8.28	128	1308210	38.745	ng	100
32) Benzoic acid	7.97	122	66509	10.319	ng	95
33) 4-Chloroaniline	8.32	127	146746	9.668	ng	96
34) Hexachlorobutadiene	8.39	225	226860	36.613	ng	99
35) Caprolactam	8.69	113	127066m	35.652	ng	
36) 4-Chloro-3-methylphenol	8.80	107	391733	37.002	ng	96
37) 2-Methylnaphthalene	8.97	142	882728	40.374	ng	99
38) 1-Methylnaphthalene	9.07	142	809841	38.225	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	369043	39.279	ng	99

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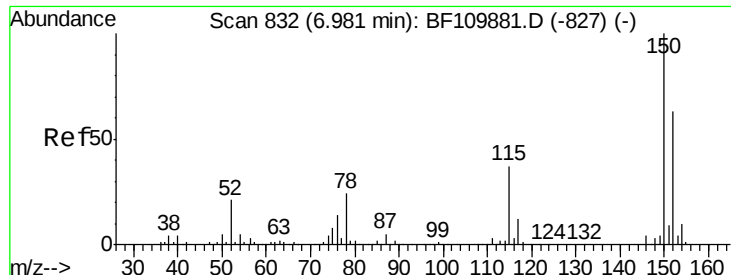
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
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 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	135589	29.900	nq	97
43) 2,4,6-Trichlorophenol	9.25	196	239662	40.795	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	247891	40.656	nq	94
46) 1,1'-Biphenyl	9.43	154	1021768	37.597	nq	99
47) 2-Chloronaphthalene	9.46	162	768477	38.388	nq	98
48) 2-Nitroaniline	9.55	65	238266	46.379	nq	99
49) Acenaphthylene	9.88	152	1151108	39.582	nq	99
50) Dimethylphthalate	9.73	163	1052769	48.741	nq	99
51) 2,6-Dinitrotoluene	9.79	165	186462	45.452	nq	97
52) Acenaphthene	10.05	154	700240	37.820	nq	97
53) 3-Nitroaniline	9.96	138	140980	28.251	nq	91
54) 2,4-Dinitrophenol	10.07	184	19226	21.982	nq #	80
55) Dibenzofuran	10.22	168	980234	37.123	nq	96
56) 4-Nitrophenol	10.12	139	364361	95.690	nq	95
57) 2,4-Dinitrotoluene	10.20	165	222480	43.416	nq #	87
58) Fluorene	10.56	166	742149	38.610	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	181407	37.541	nq #	95
60) Diethylphthalate	10.43	149	833995	39.094	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	365674	36.521	nq	99
62) 4-Nitroaniline	10.58	138	157349	33.310	nq	87
63) Azobenzene	10.72	77	757963	34.010	nq	94
65) 4,6-Dinitro-2-methylphenol	10.60	198	24869	20.019	nq	94
66) n-Nitrosodiphenylamine	10.67	169	664072	42.124	nq	97
67) 4-Bromophenyl-phenylether	11.04	248	203702	39.711	nq	97
68) Hexachlorobenzene	11.11	284	201262	36.793	nq #	90
69) Atrazine	11.19	200	204750	41.579	nq	99
70) Pentachlorophenol	11.30	266	179092	57.530	nq	99
71) Phenanthrene	11.53	178	981453	40.052	nq	100
72) Anthracene	11.58	178	991048	40.228	nq	99
73) Carbazole	11.73	167	865497	35.747	nq	99
74) Di-n-butylphthalate	12.06	149	1122230	41.532	nq	98
75) Fluoranthene	12.72	202	927296	37.881	nq	100
77) Benzidine	12.84	184	543395	42.160	nq	97
78) Pyrene	12.95	202	925599	37.488	nq	98
80) Butylbenzylphthalate	13.56	149	424804	42.557	nq	99
81) Benzo(a)anthracene	14.14	228	783041	39.546	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	247521	35.657	nq	99
83) Chrysene	14.17	228	724929	38.463	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	581798	44.295	nq	97
85) Di-n-octyl phthalate	14.73	149	935825	50.537	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	528596	34.833	nq #	95
88) Benzo(b)fluoranthene	15.22	252	625046	42.550	nq	98
89) Benzo(k)fluoranthene	15.25	252	564065	38.958	nq	98
90) Benzo(a)pyrene	15.60	252	540296	39.991	nq	97
91) Dibenzo(a,h)anthracene	17.25	278	449517	37.544	nq	98
92) Benzo(g,h,i)perylene	17.70	276	427706	35.356	nq #	94

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



#1

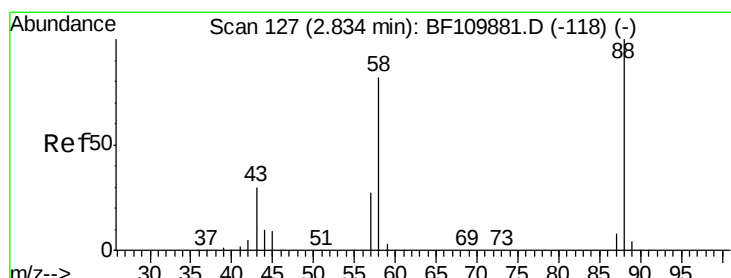
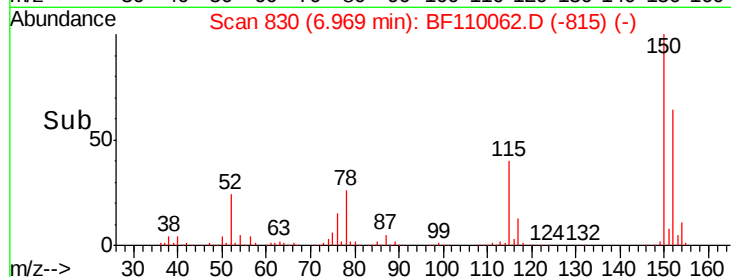
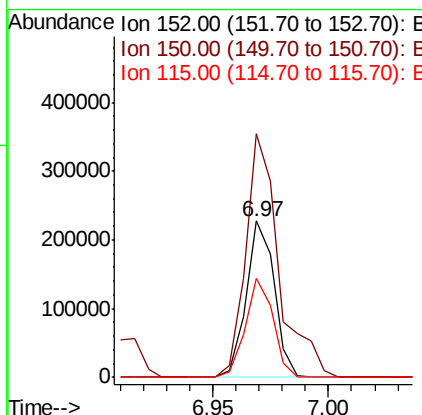
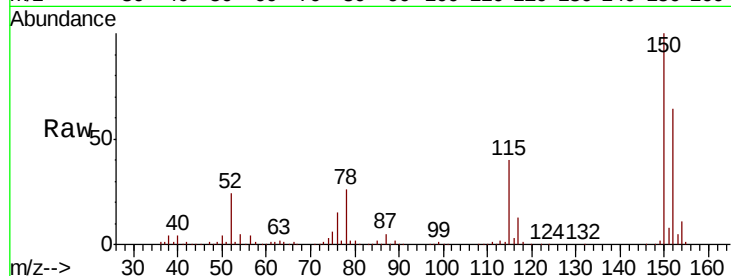
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.7	184.1
115	63.0	49.1	73.7

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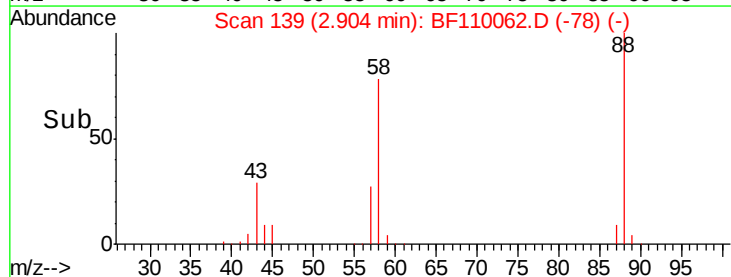
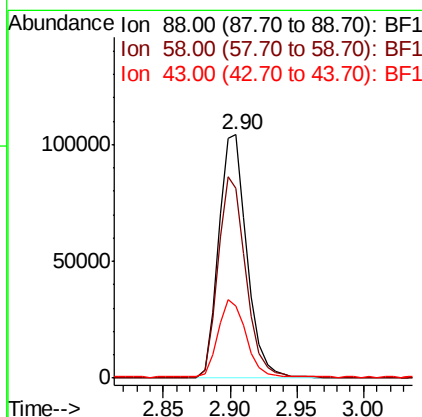
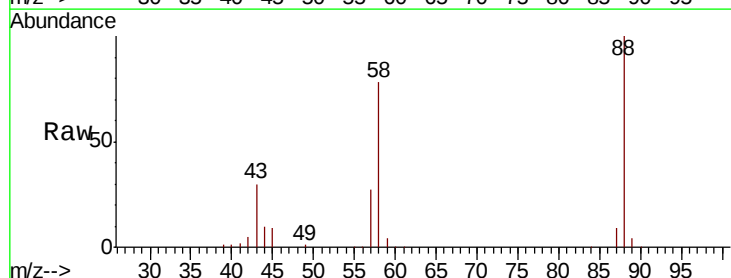
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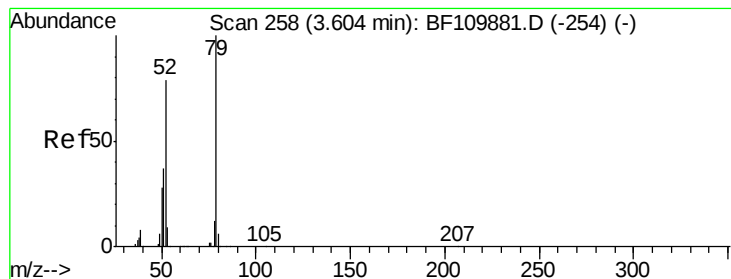


#2

1,4-Dioxane
Concen: 22.338 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	57.1	85.7
43	31.2	24.1	36.1





#3

Pvridine

Concen: 28.627 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

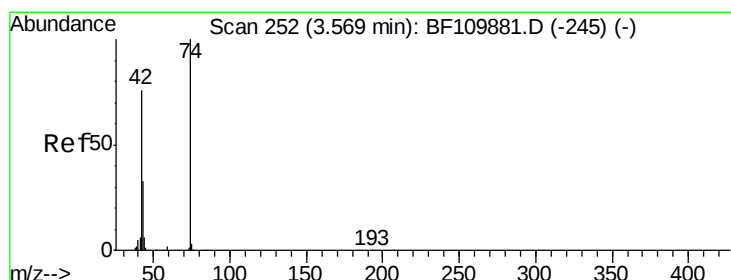
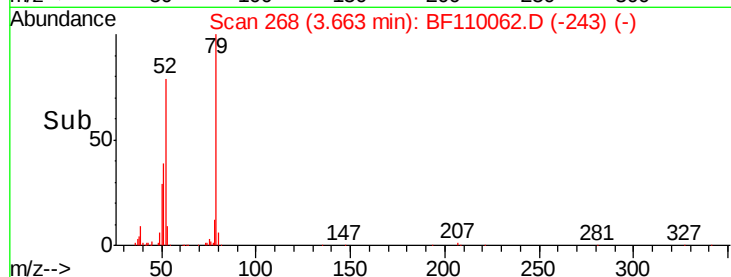
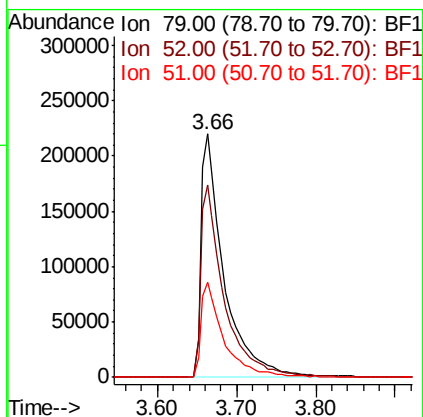
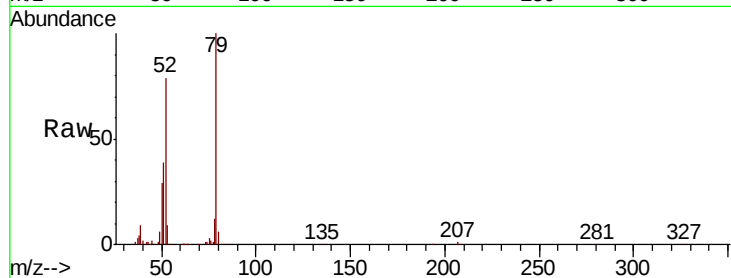
ClientSampleId :

TP-AMS

Tot Ion:	79	Resp:	443351
Ion	Ratio	Lower	Upper
79	100		
52	78.9	53.1	79.7
51	39.2	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 35.702 ng

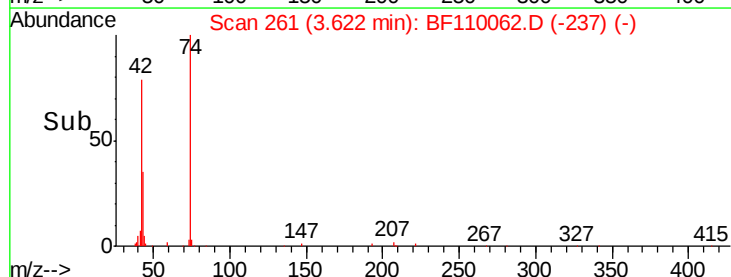
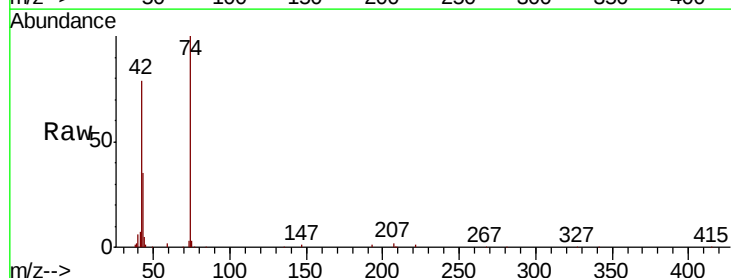
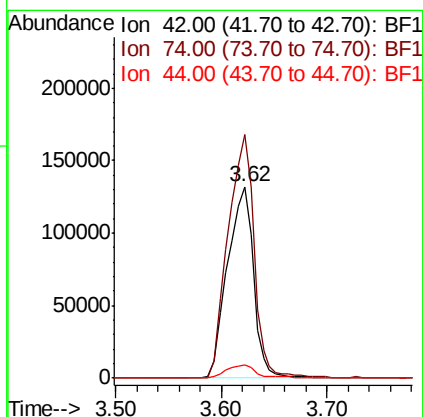
RT: 3.62 min Scan# 261

Delta R.T. 0.04 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	42	Resp:	225555
Ion	Ratio	Lower	Upper
42	100		
74	127.4	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 102.349 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

ClientSampleID :

TP-AMS

Tot Ion:112 Resp: 1251794

Ion Ratio Lower Upper

112 100

64 56.3 44.1 66.1

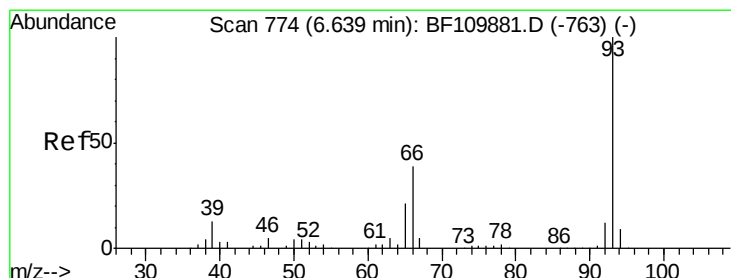
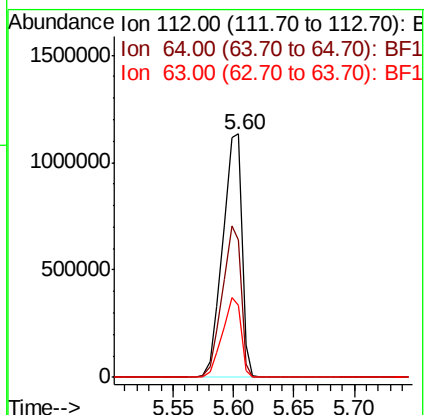
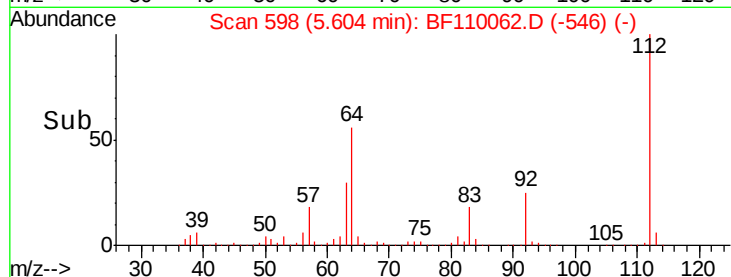
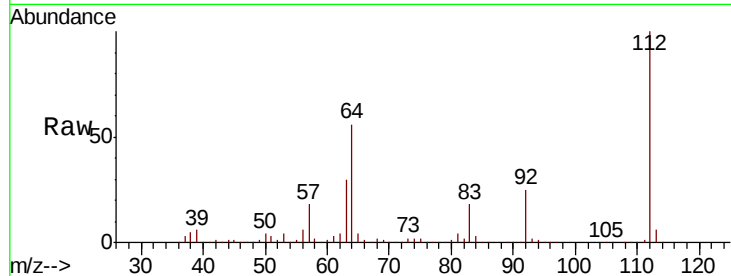
63 29.7 23.7 35.5

Manual Integrations

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#6

Aniline

Concen: 18.716 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

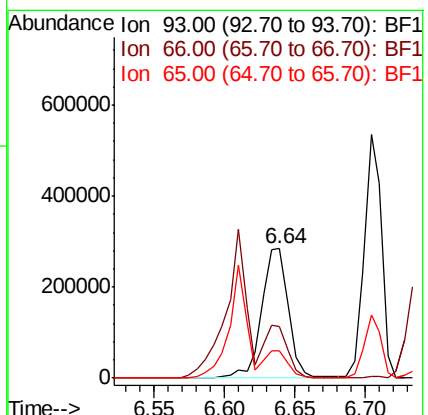
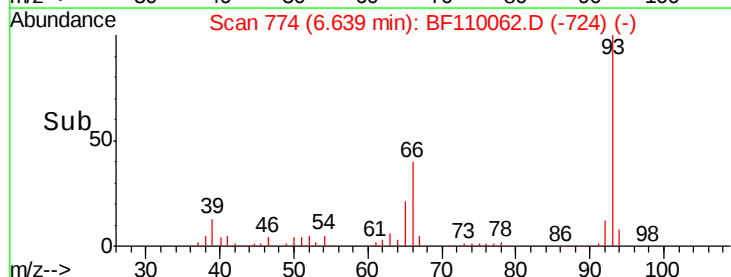
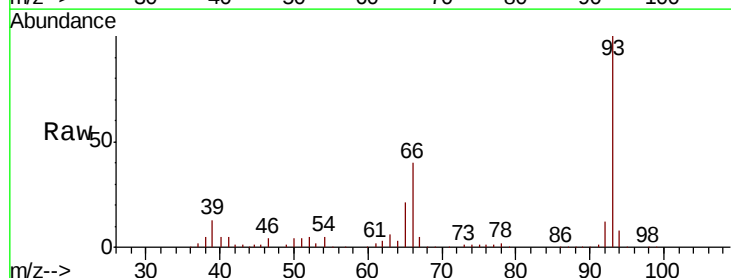
Tgt Ion: 93 Resp: 383048

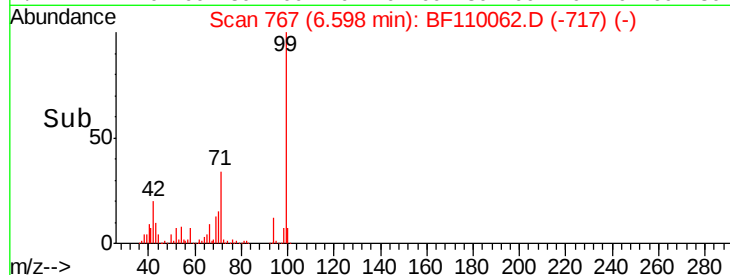
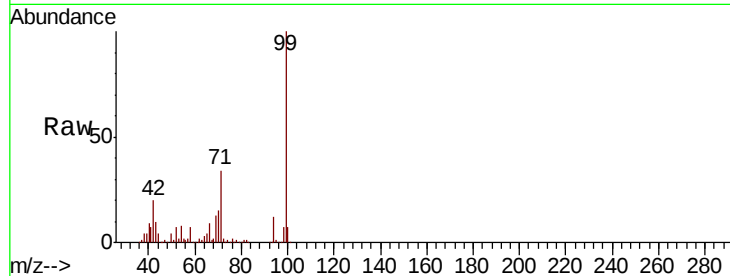
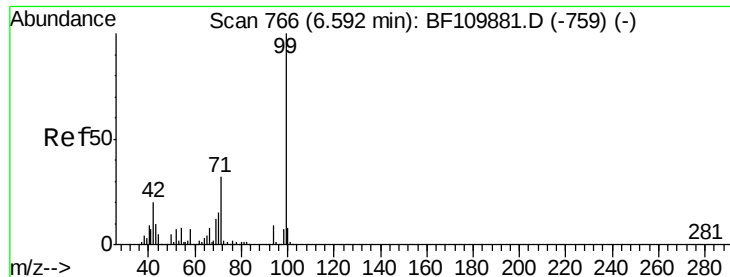
Ion Ratio Lower Upper

93 100

66 39.6 67.4 101.0#

65 20.9 41.0 61.4#





#7

Phenol-d6

Concen: 104.392 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tot Ion:	99	Resp:	1585428
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	34.3	28.0	42.0

Instrument :

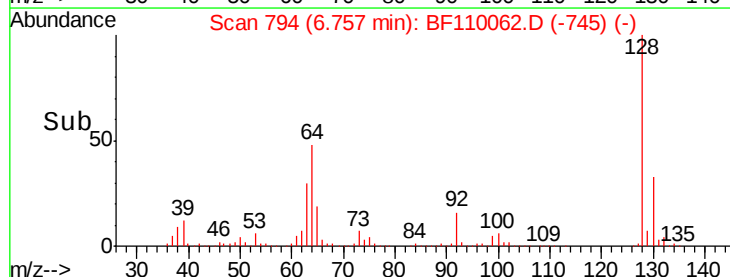
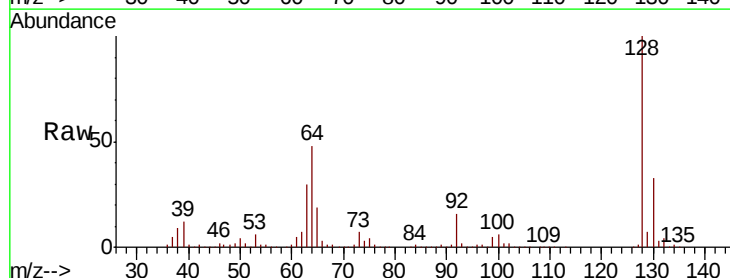
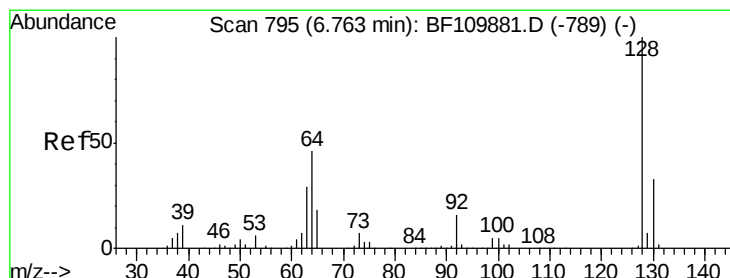
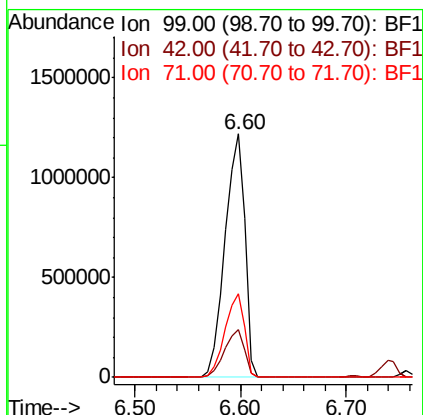
BNA_F

ClientSampleId :

TP-AMS

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#8

2-Chlorophenol

Concen: 34.794 ng

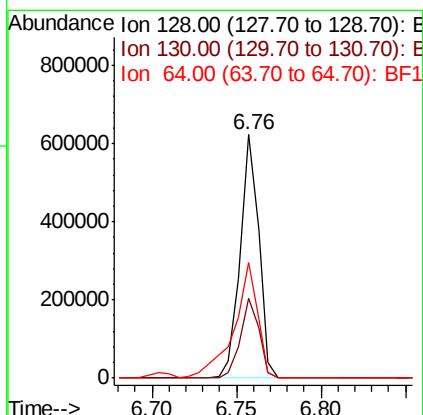
RT: 6.76 min Scan# 794

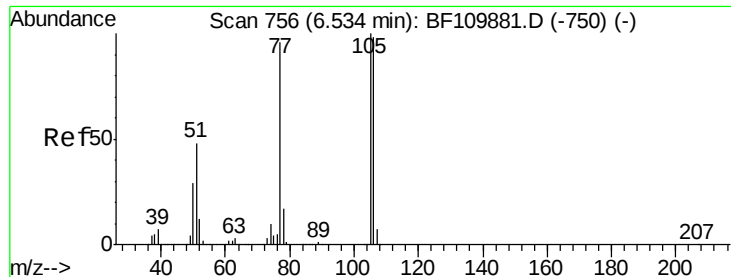
Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	128	Resp:	476685
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.1	53.1
64	47.6	26.0	66.0





#9

Benzaldehyde

Concen: 25.636 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

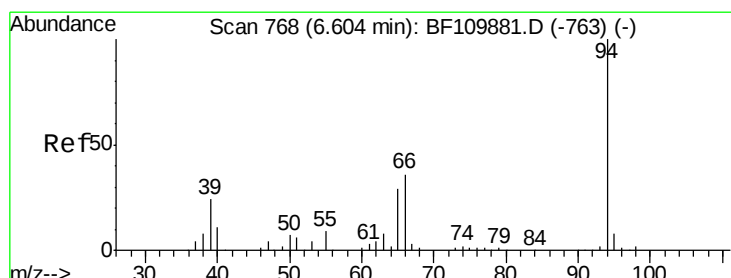
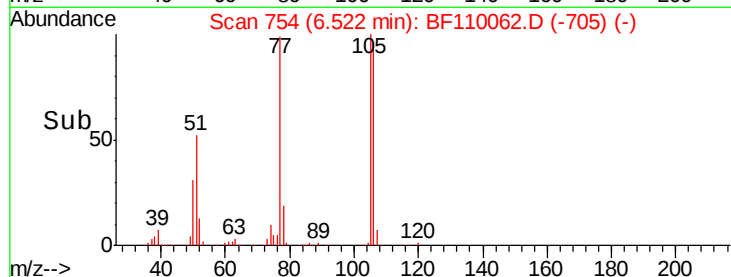
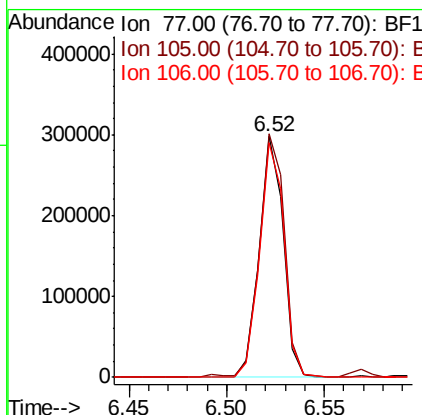
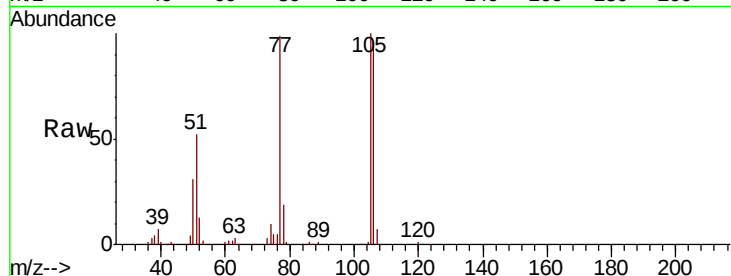
ClientSampled :

TP-AMS

Tot Ion:	77	Resp:	253011
Ion Ratio	Lower	Upper	
77	100		
105	101.2	78.6	118.6
106	97.4	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 41.186 ng

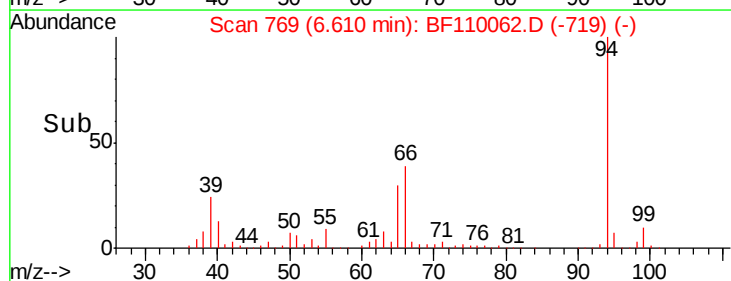
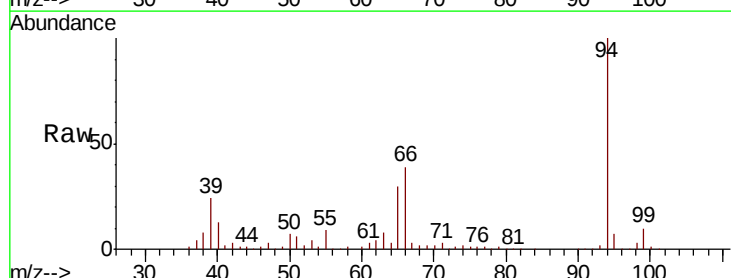
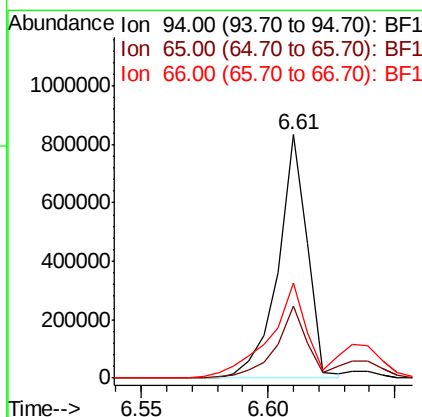
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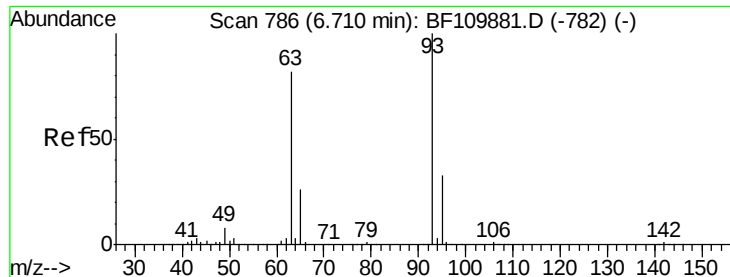
Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	94	Resp:	675341
Ion Ratio	Lower	Upper	
94	100		
65	29.7	25.3	65.3
66	39.3	54.5	94.5#





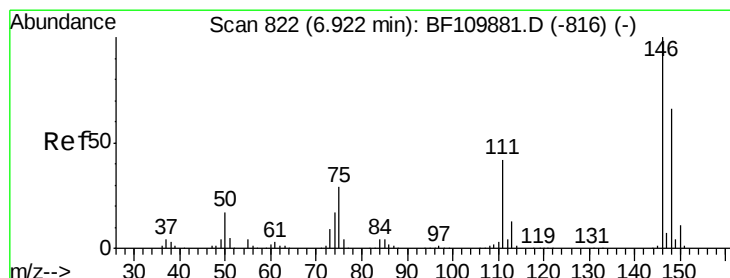
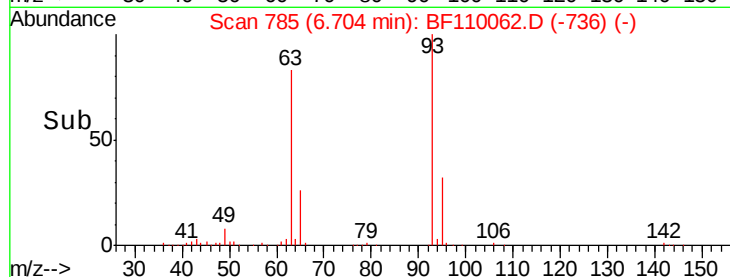
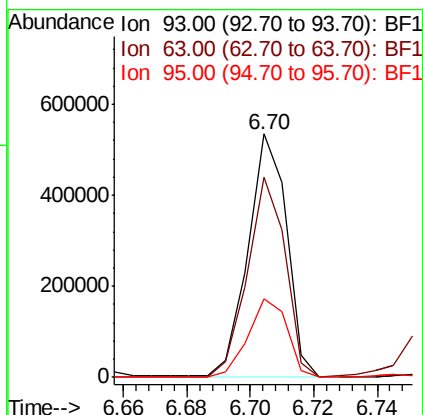
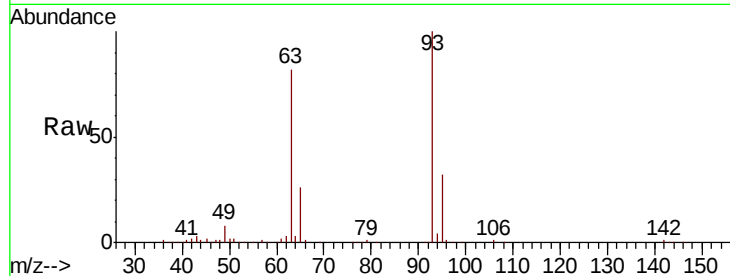
#11
 bis(2-Chloroethyl)ether
 Concen: 32.906 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Tot Ion:	93	Resp:	451153
Ion	Ratio	Lower	Upper
93	100		
63	82.4	53.4	93.4
95	32.2	12.1	52.1

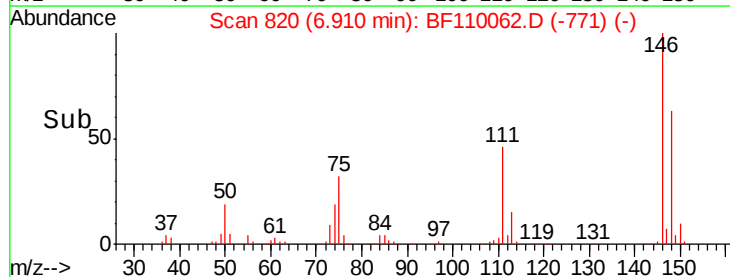
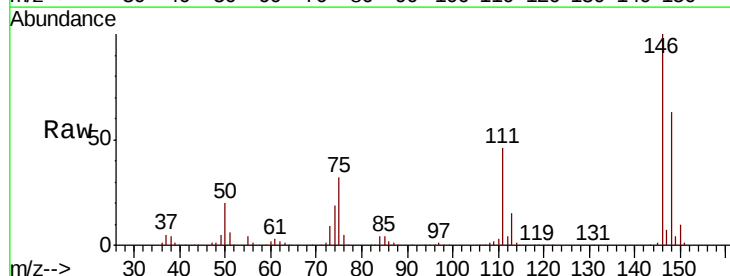
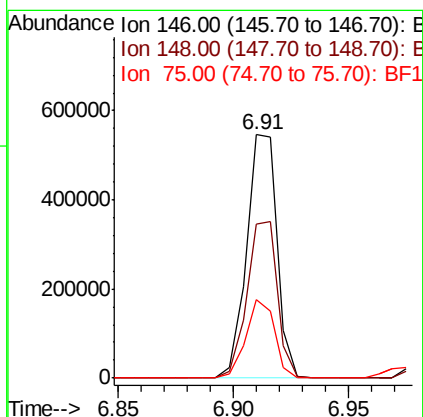
Manual Integrations
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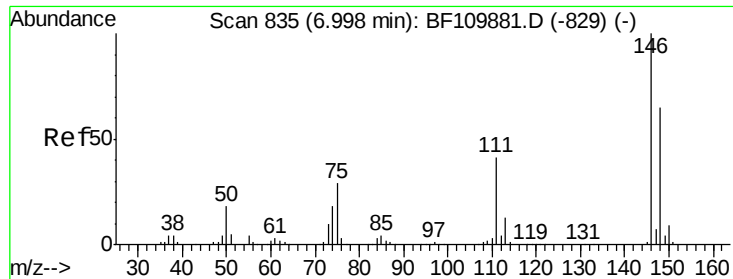
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 33.570 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion:	146	Resp:	504309
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
75	32.4	25.8	38.6





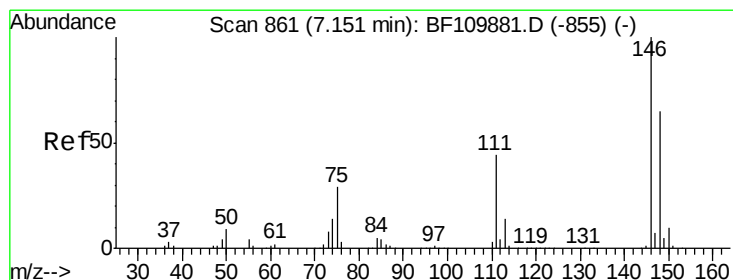
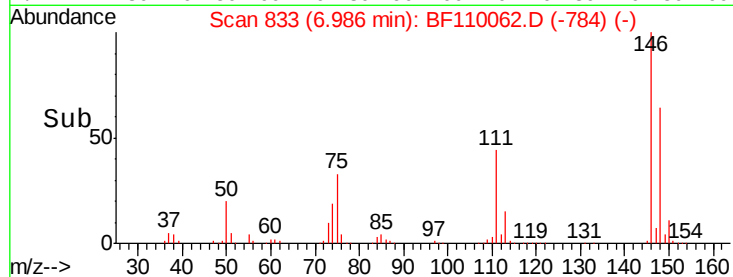
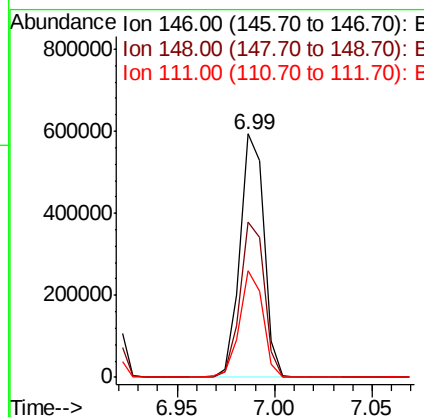
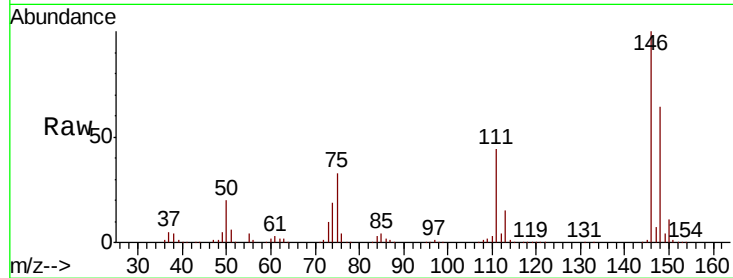
#13
 1,4-Dichlorobenzene
 Concen: 33.558 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	43.7	32.7	49.1

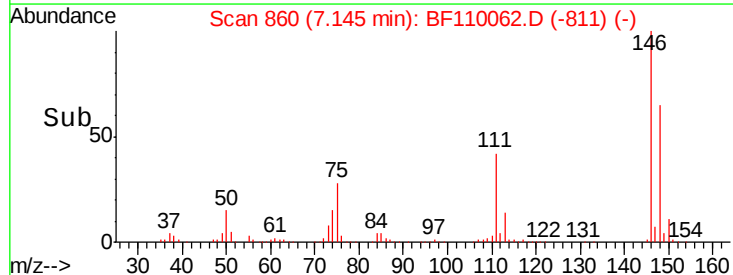
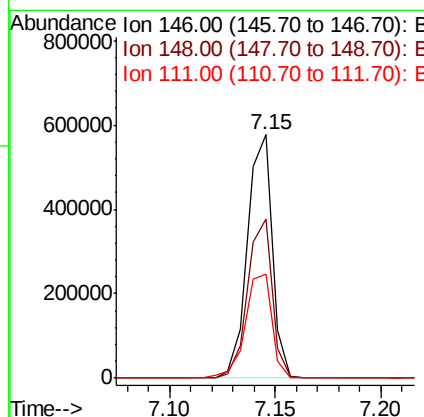
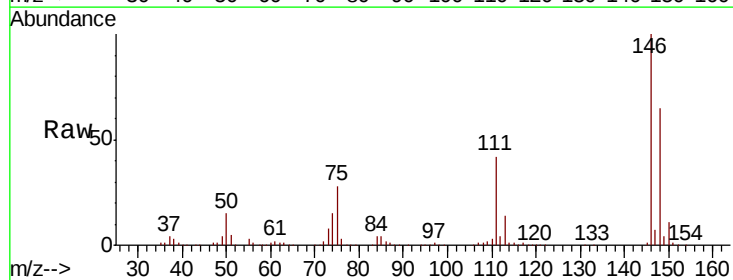
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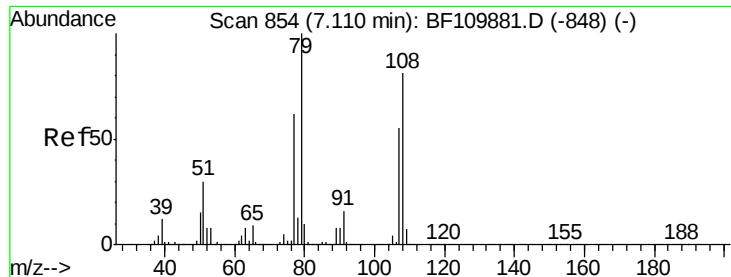
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 33.723 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	42.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 35.193 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

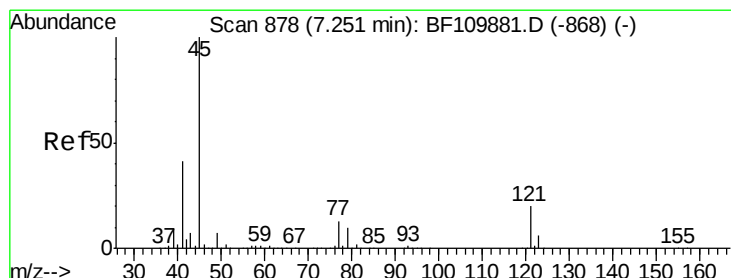
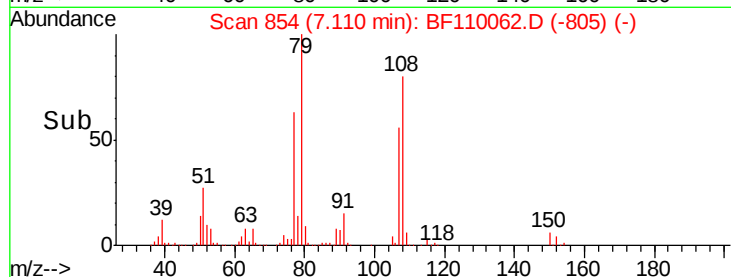
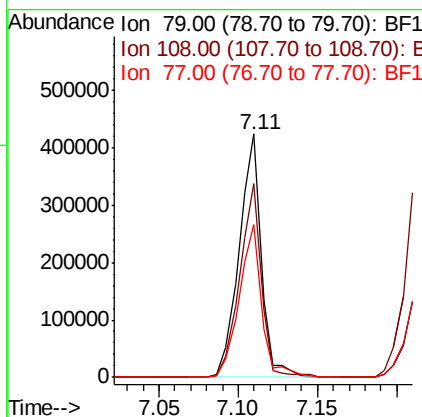
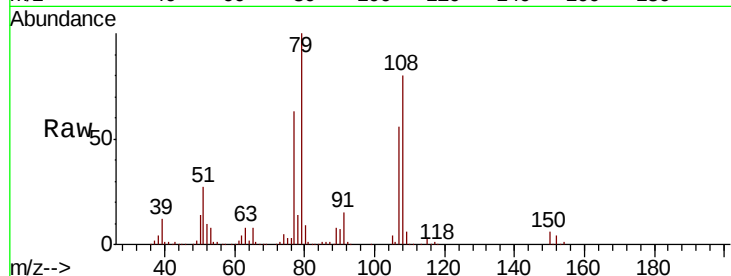
ClientSampled :

TP-AMS

Tot Ion:	79	Resp:	411200
Ion	Ratio	Lower	Upper
79	100		
108	79.6	56.3	84.5
77	62.8	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.900 ng

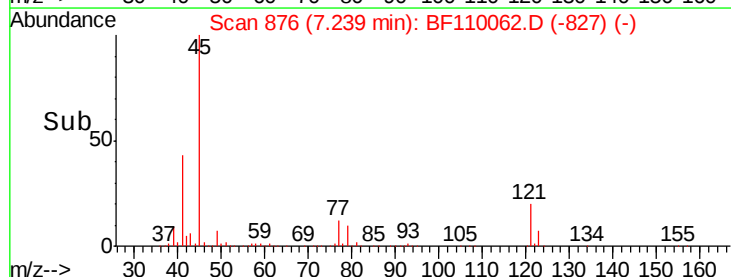
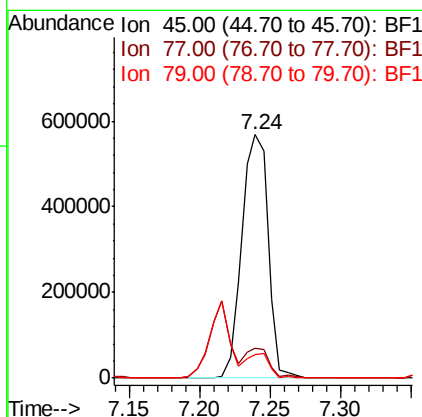
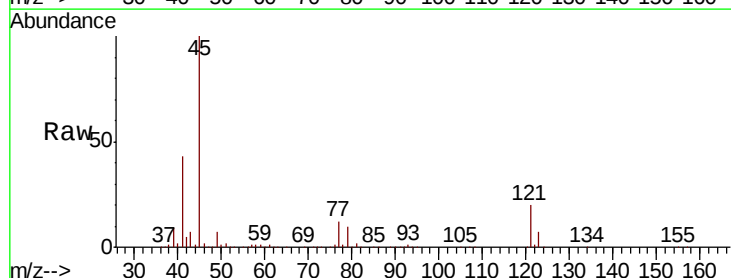
RT: 7.24 min Scan# 876

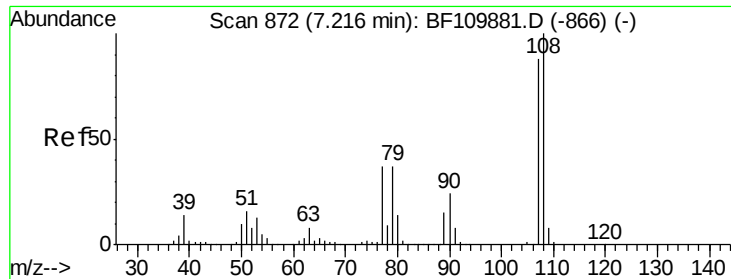
Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	45	Resp:	740359
Ion	Ratio	Lower	Upper
45	100		
77	12.2	10.0	50.0
79	9.6	6.1	46.1





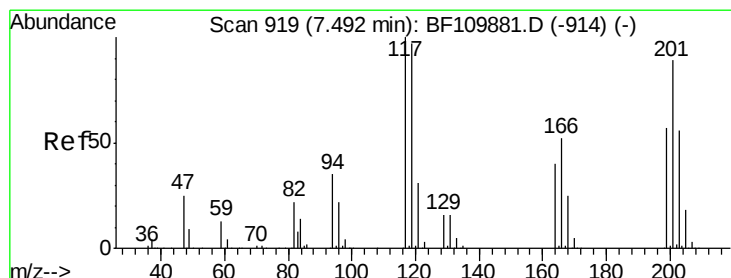
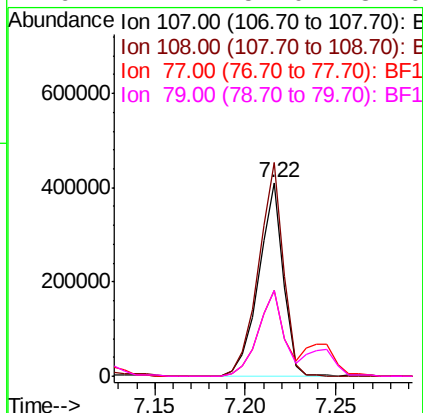
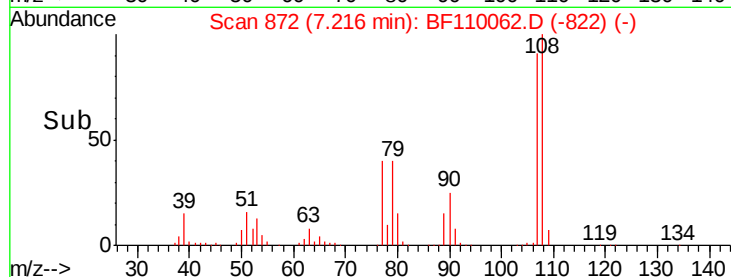
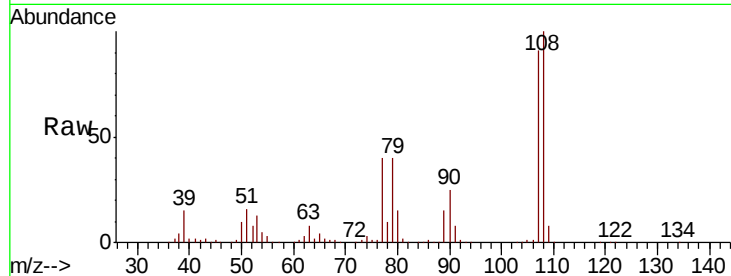
#17
2-Methylphenol
Concen: 34.956 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion:	107	Resp:	386179
Ion Ratio	Lower	Upper	
107	100		
108	110.3	92.6	138.8
77	44.1	59.4	89.2#
79	44.1	54.0	81.0#

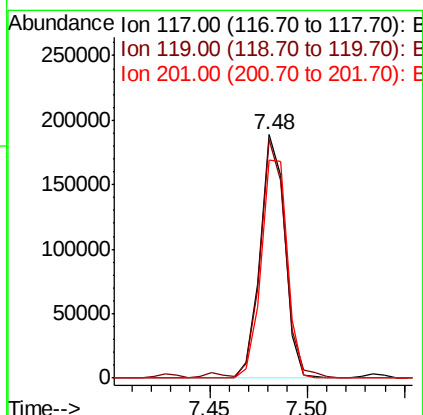
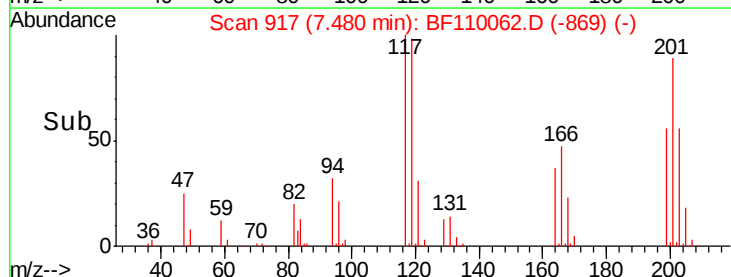
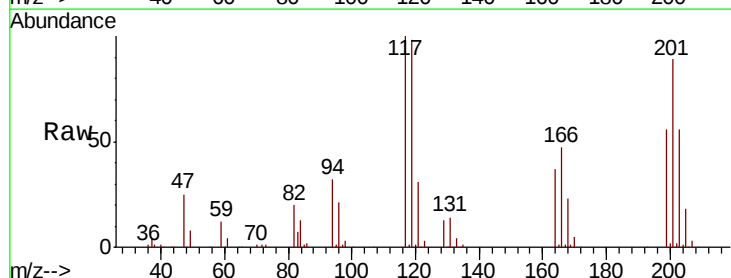
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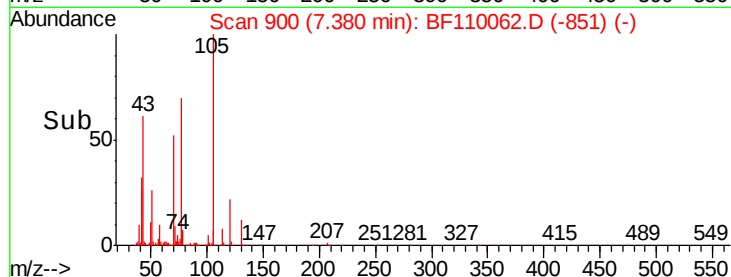
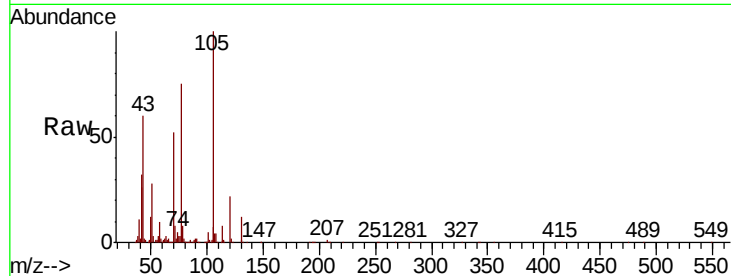
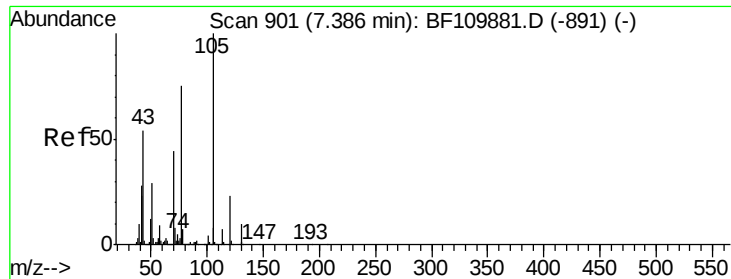
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#18
Hexachloroethane
Concen: 31.019 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion:	117	Resp:	165847
Ion Ratio	Lower	Upper	
117	100		
119	97.8	75.0	112.6
201	89.3	79.2	118.8





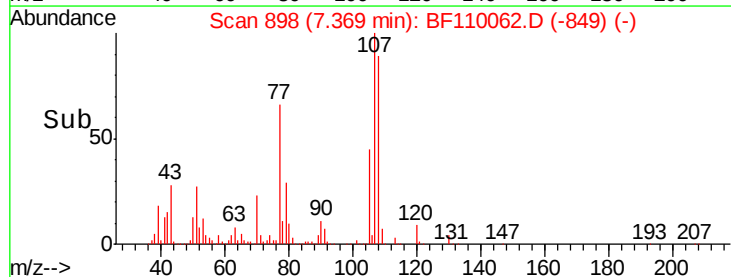
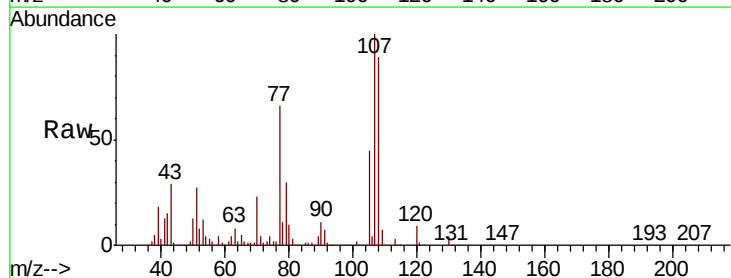
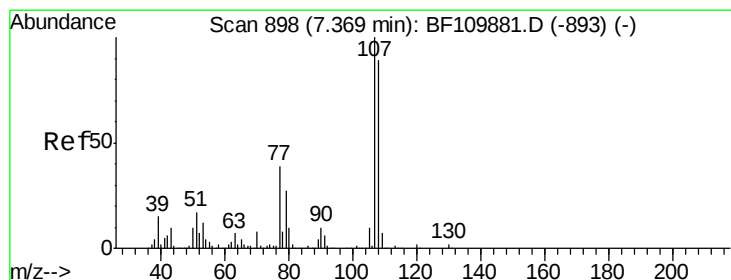
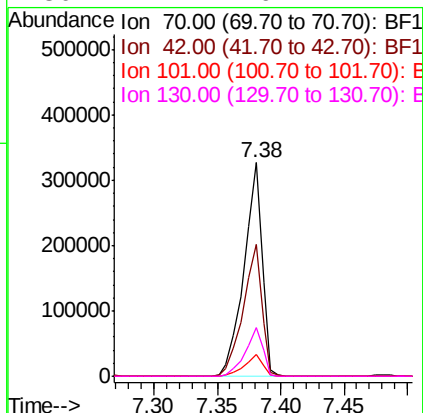
#19
n-Nitroso-di-n-propylamine
Concen: 33.194 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampled :
TP-AMS

Manual Integrations
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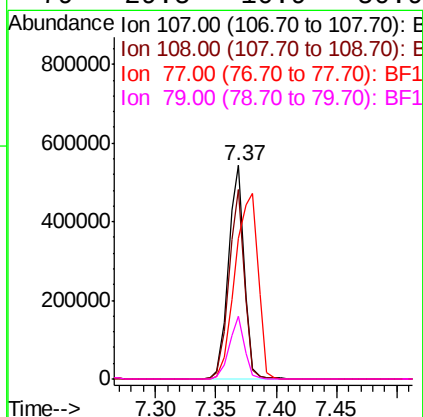
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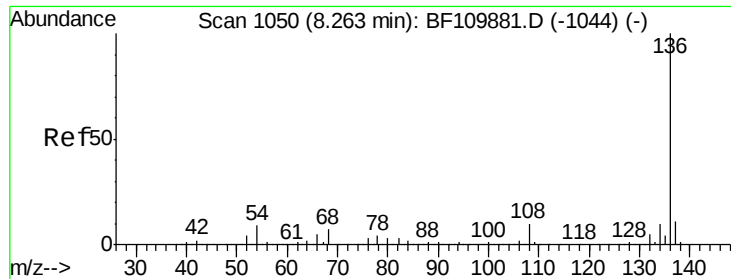
Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	10.0	7.3	10.9
130	22.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 34.954 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.4	111.4
77	66.0	47.3	87.3
79	29.5	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

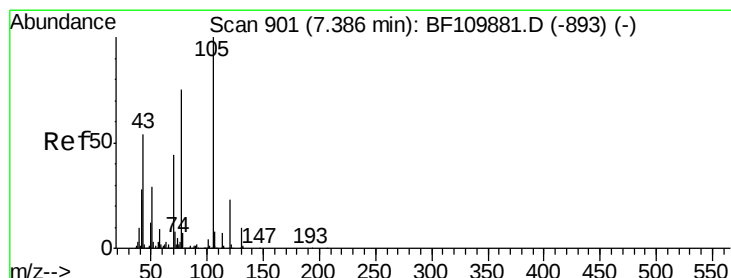
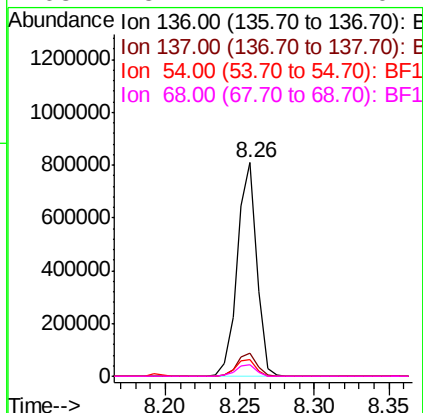
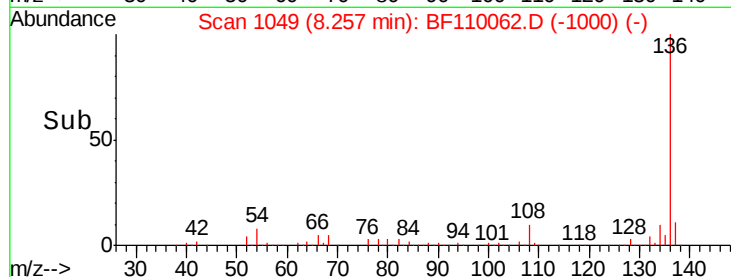
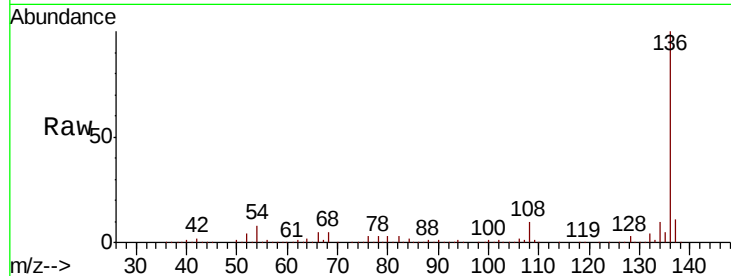
ClientSampleId :

TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	736316		
137	10.9		8.8	13.2
54	7.9		5.4	8.2
68	5.4		4.2	6.2

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#22

Acetophenone

Concen: 37.619 ng

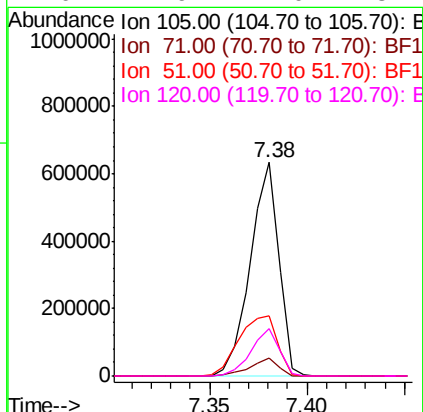
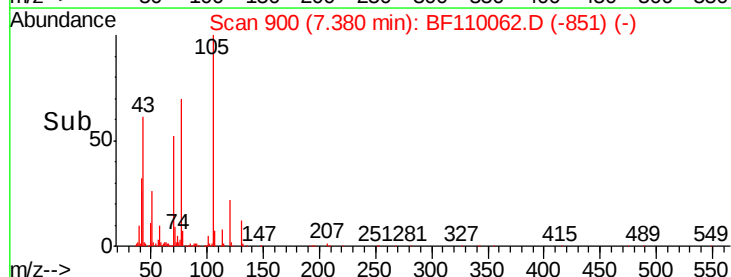
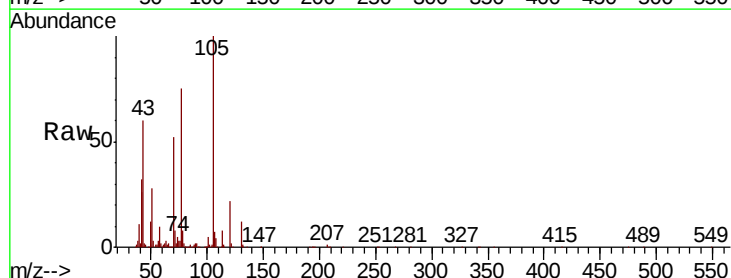
RT: 7.38 min Scan# 900

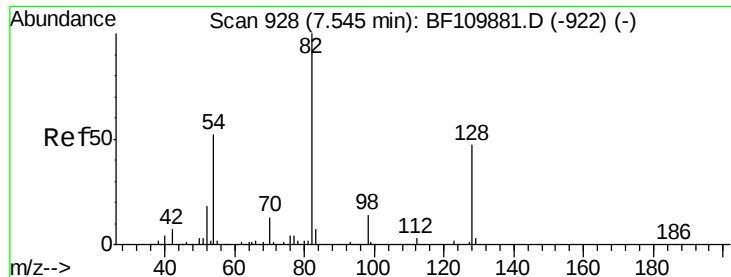
Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	642368		
71	8.5		5.2	7.8#
51	28.0		21.8	32.8
120	21.9		17.0	25.4





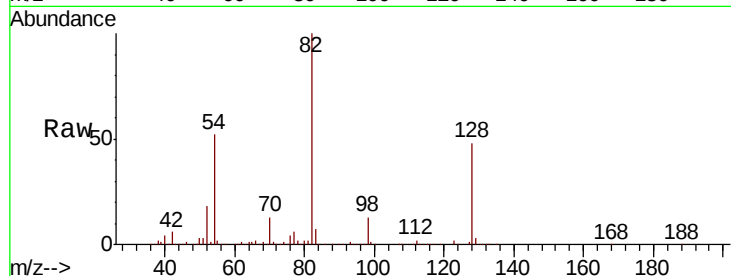
#23
Nitrobenzene-d5
Concen: 88.338 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

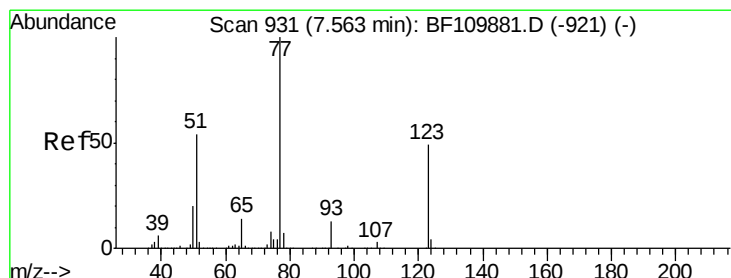
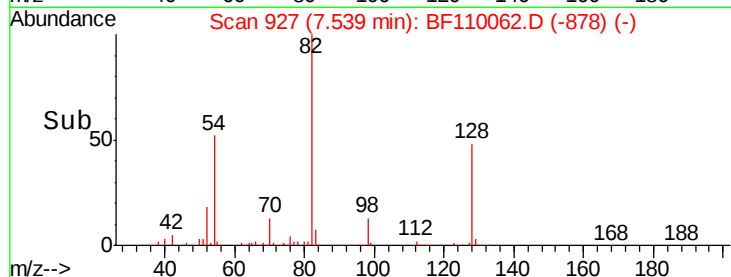
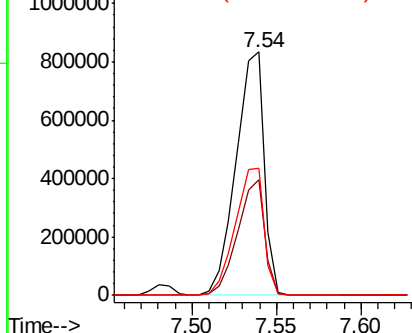
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.2	51.2
54	52.3	38.6	58.0

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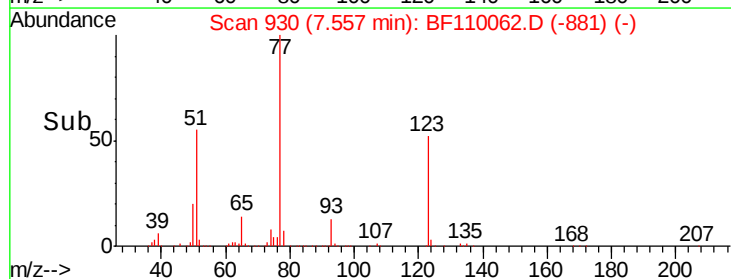
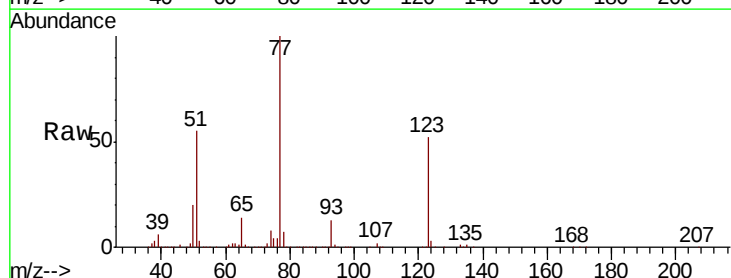
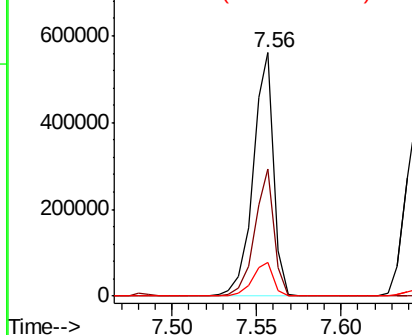
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

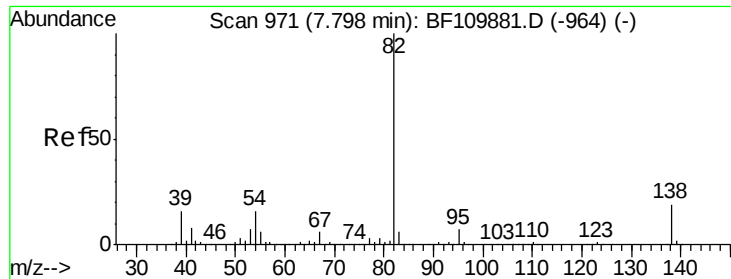


#24
Nitrobenzene
Concen: 40.134 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	35.7	53.5
65	13.8	10.7	16.1

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





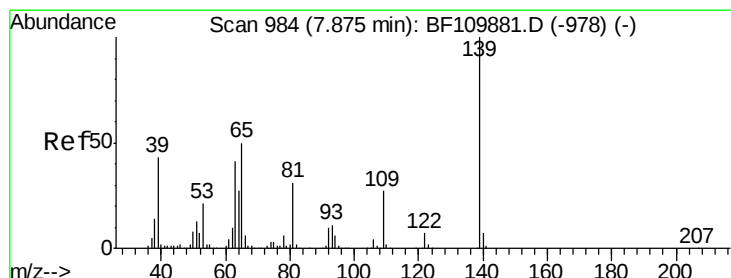
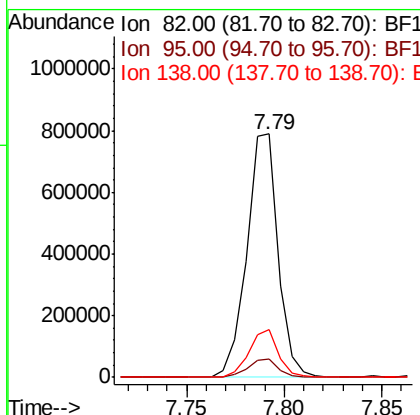
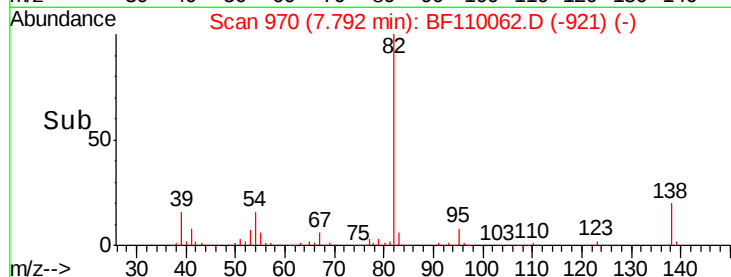
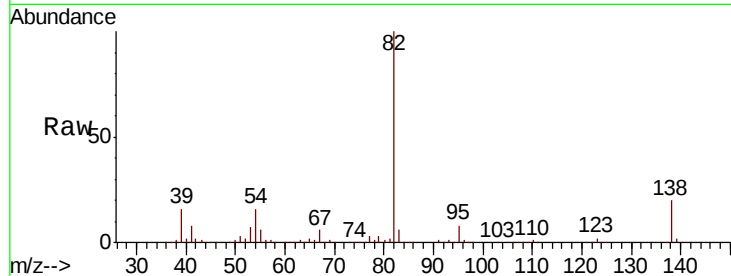
#25
Isophorone
Concen: 40.758 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	5.7	8.5	
138	19.8	13.2	19.8	

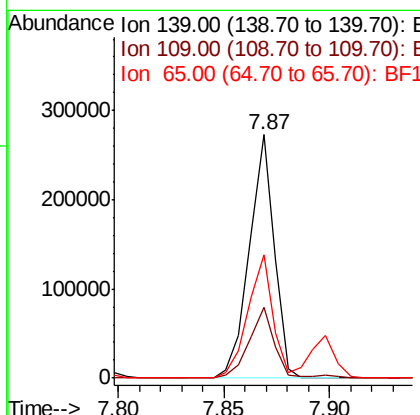
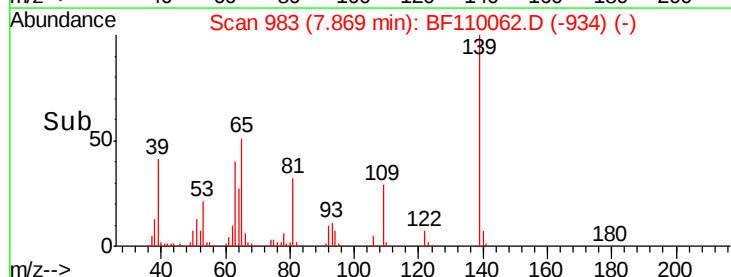
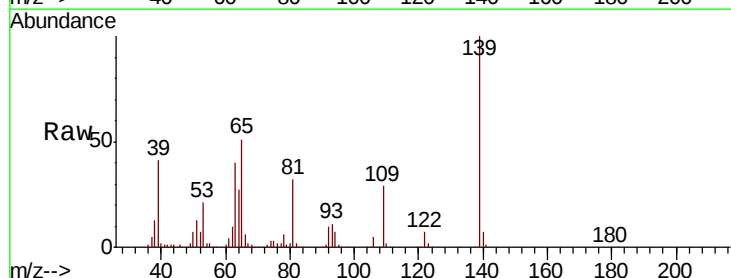
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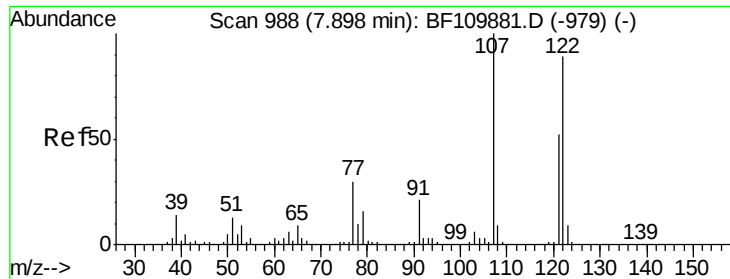
Sohil
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#26
2-Nitrophenol
Concen: 45.608 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.3	25.0	37.6	
65	50.7	44.0	66.0	





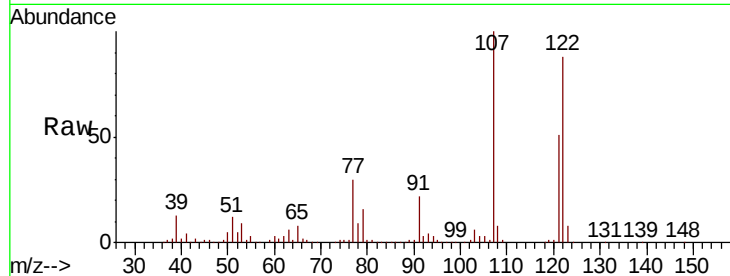
#27
2,4-Dimethylphenol
Concen: 41.605 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	92.5	138.7
121	58.2	45.8	68.8

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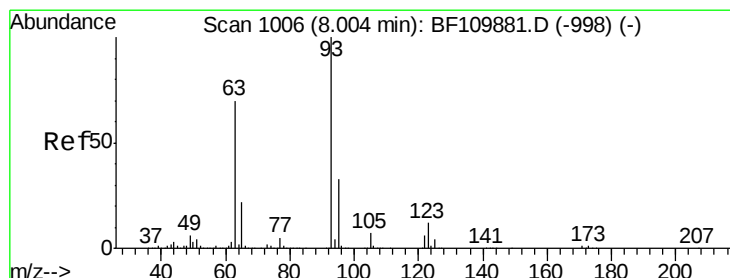
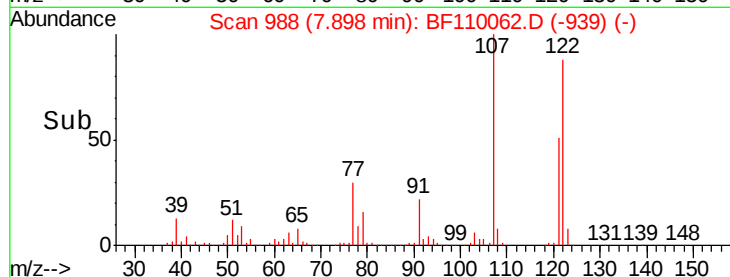
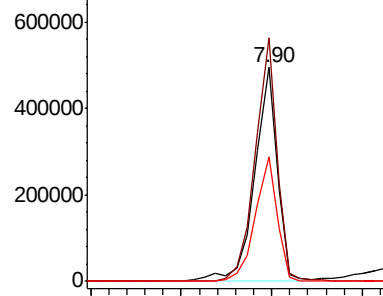


Abundance

Ion 122.00 (121.70 to 122.70): E

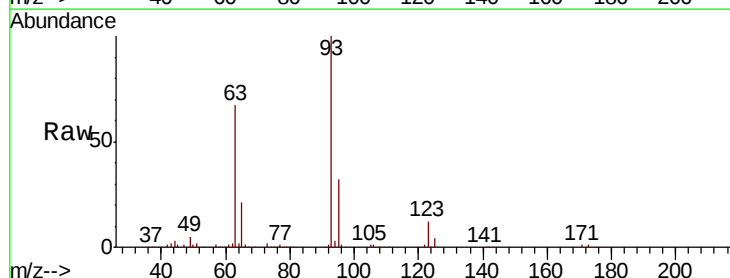
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.610 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	11.7	9.0	13.6

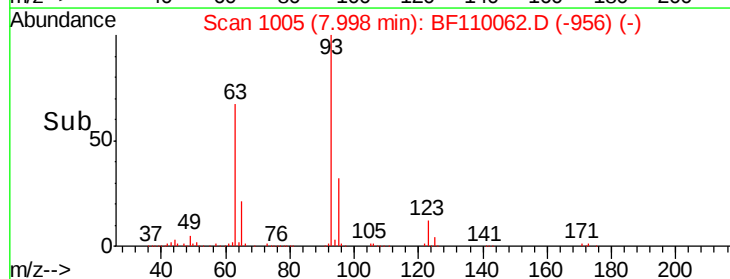
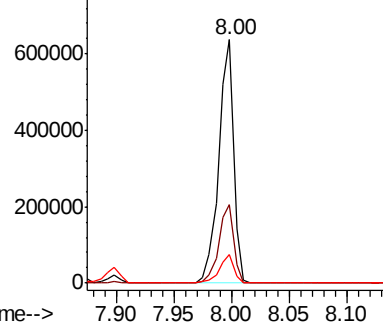


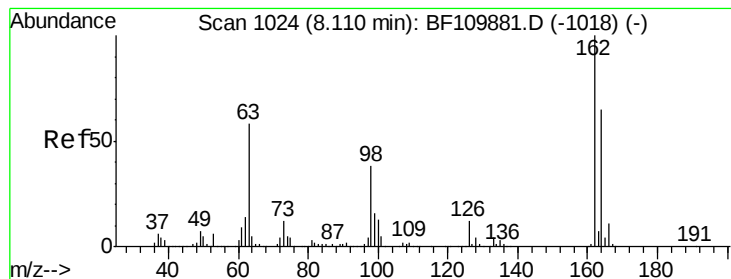
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.700 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

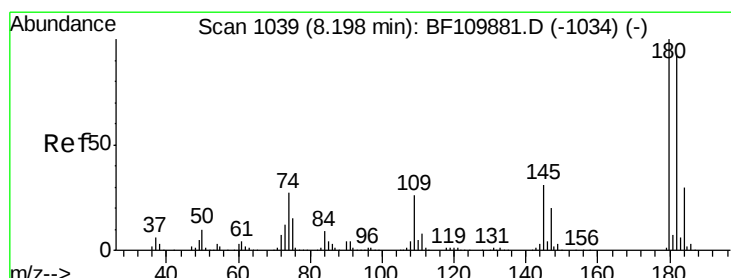
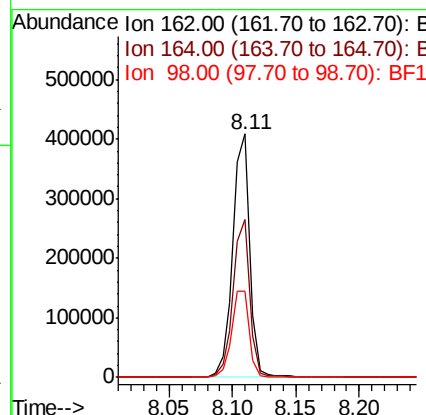
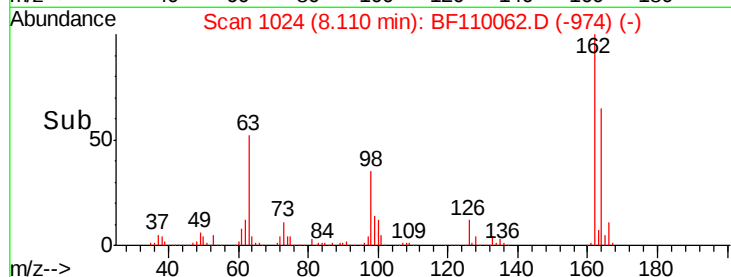
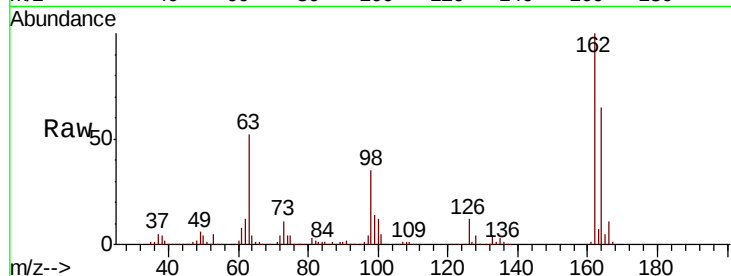
ClientSampled :

TP-AMS

Tot Ion:	162	Resp:	378332
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	35.2	17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 36.248 ng

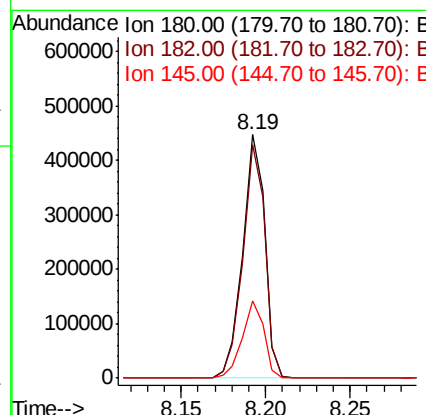
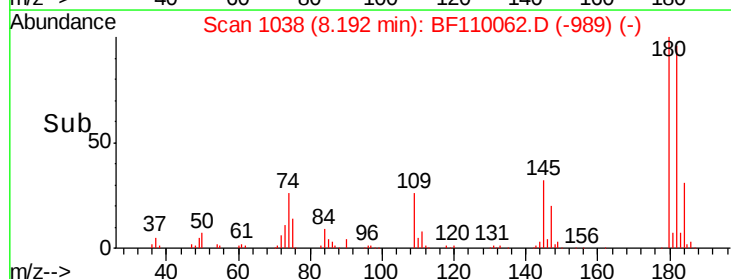
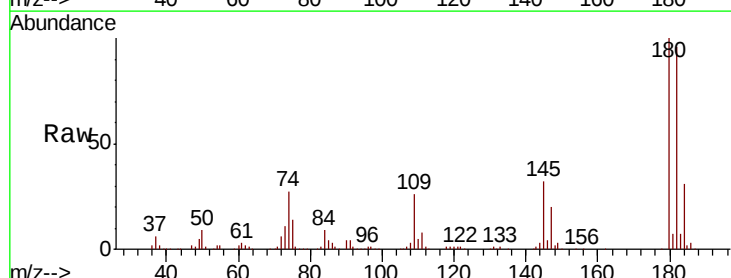
RT: 8.19 min Scan# 1038

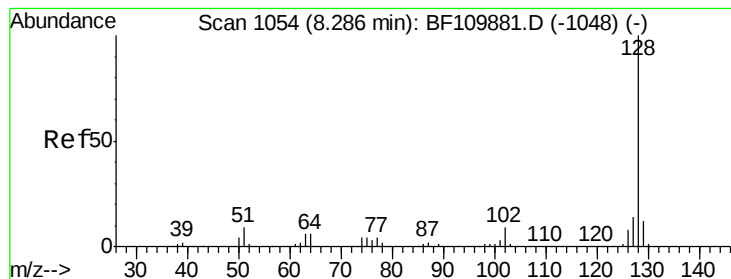
Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	180	Resp:	407299
Ion Ratio	Lower	Upper	
180	100		
182	95.7	80.3	120.5
145	31.7	25.4	38.0





#31

Naphthalene

Concen: 38.745 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

ClientSampled :

TP-AMS

Tot Ion:128 Resp: 1308210

Ion Ratio Lower Upper

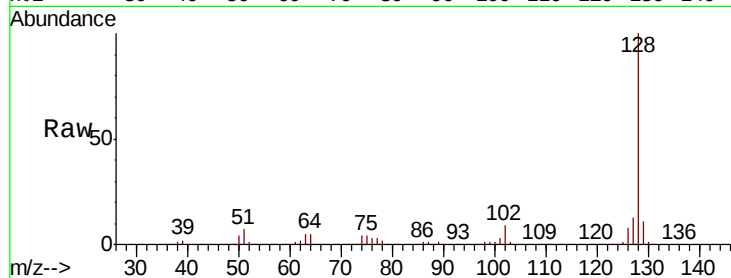
128 100

129 11.0 8.8 13.2

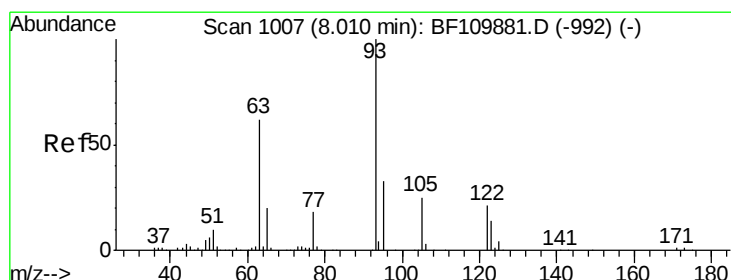
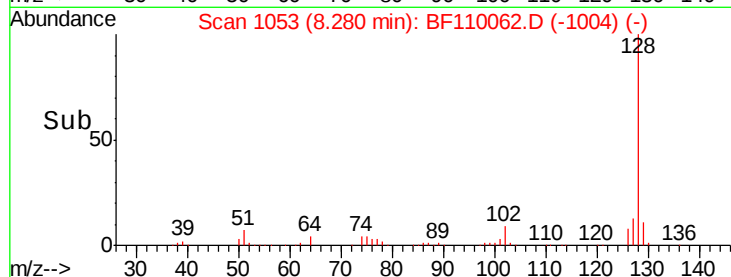
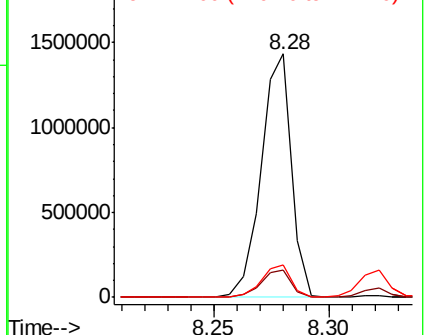
127 13.3 10.8 16.2

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



#32

Benzoic acid

Concen: 10.319 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

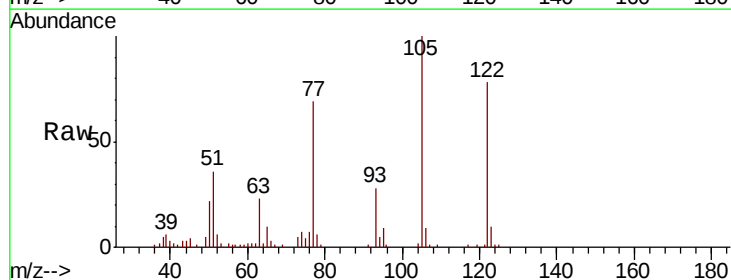
Tgt Ion:122 Resp: 66509

Ion Ratio Lower Upper

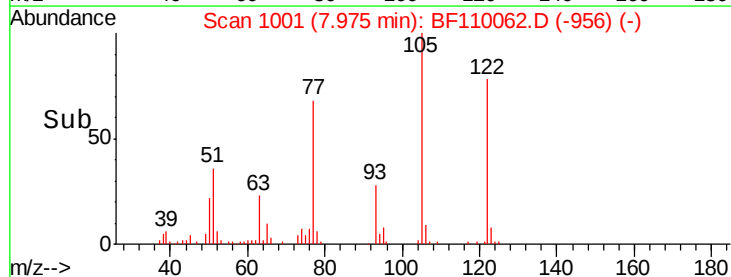
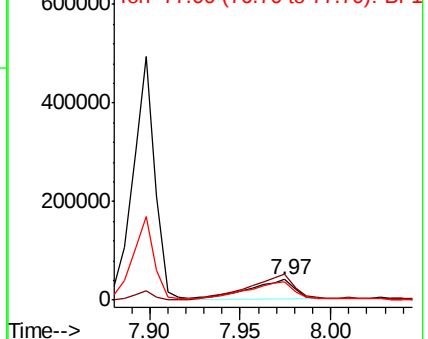
122 100

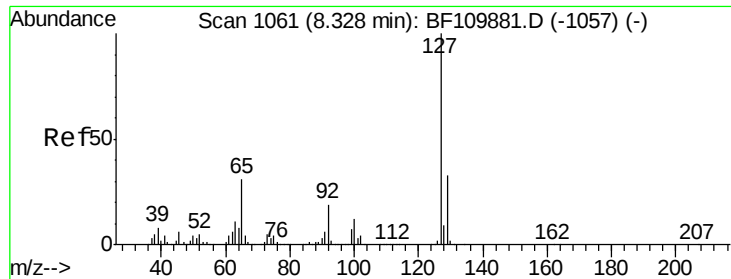
105 127.6 109.0 149.0

77 88.6 79.0 119.0



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





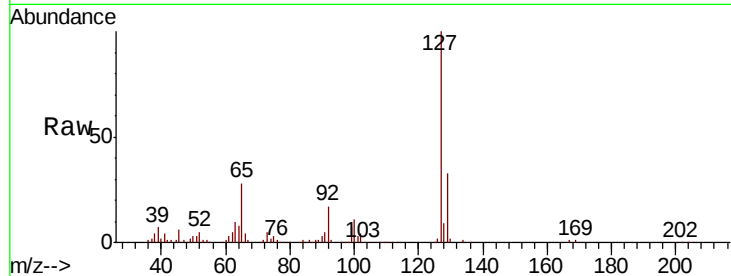
#33
4-Chloroaniline
Concen: 9.668 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	26.0	39.0	
65	28.1	25.1	37.7	
92	17.5	15.0	22.6	

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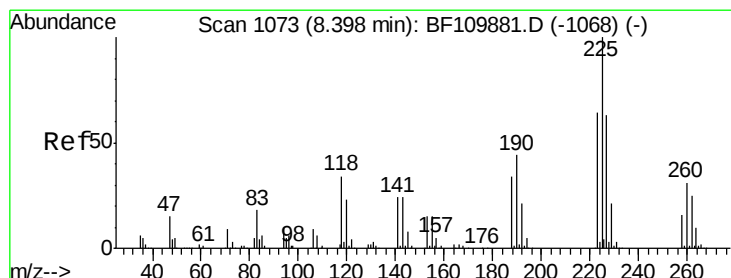
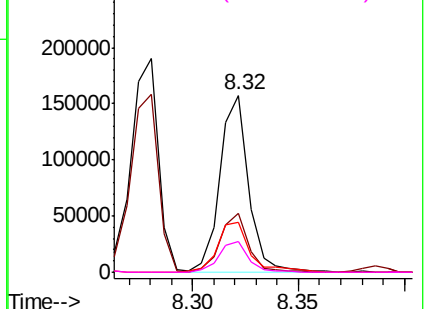
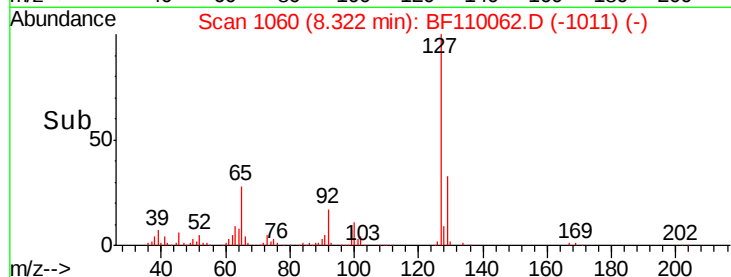
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

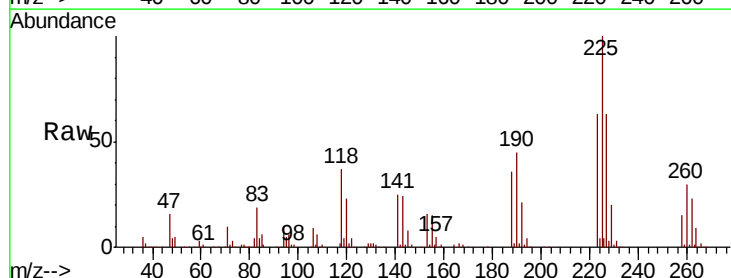
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.613 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.4	77.2	
227	63.3	51.0	76.6	

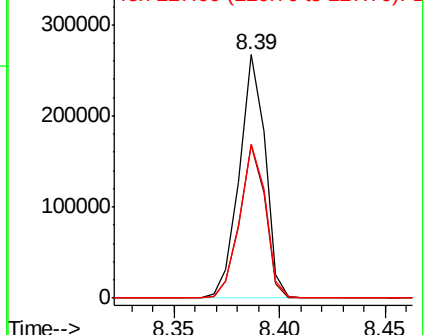
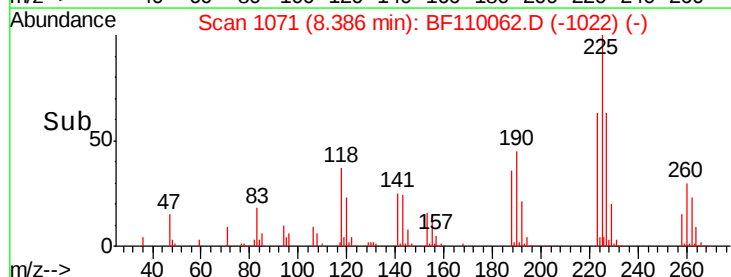


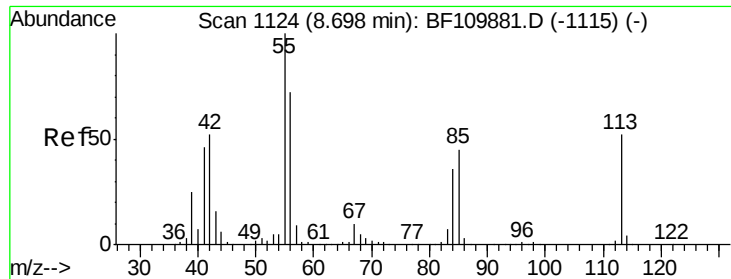
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





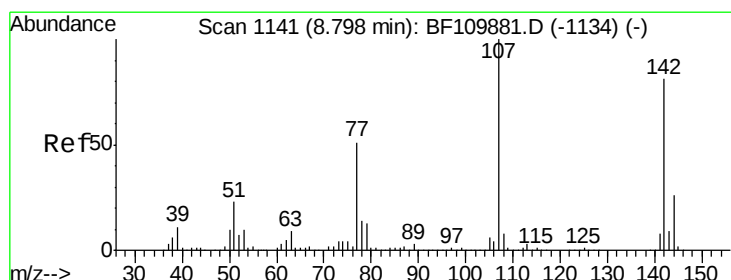
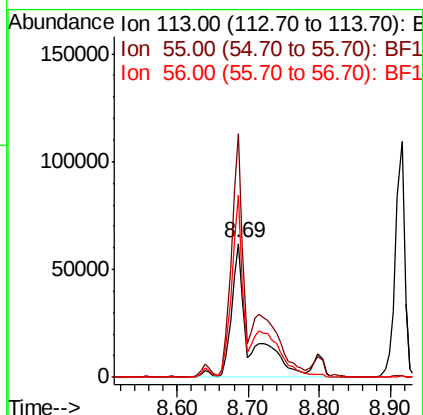
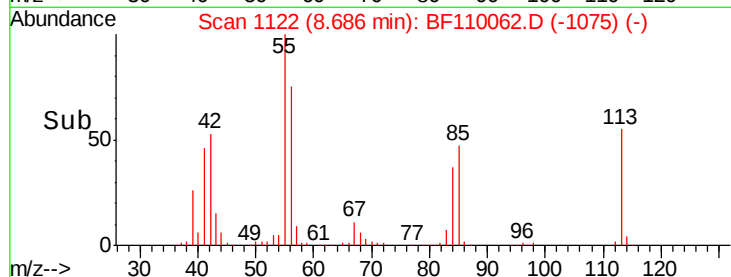
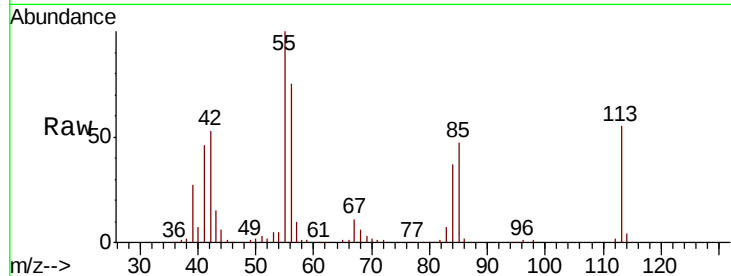
#35
 Caprolactam
 Concen: 35.652 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampleID :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.7	142.8	182.8
56	135.5	105.0	145.0

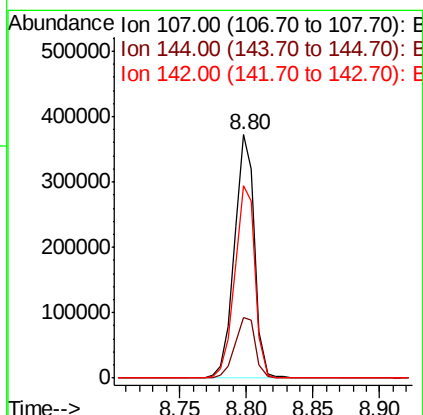
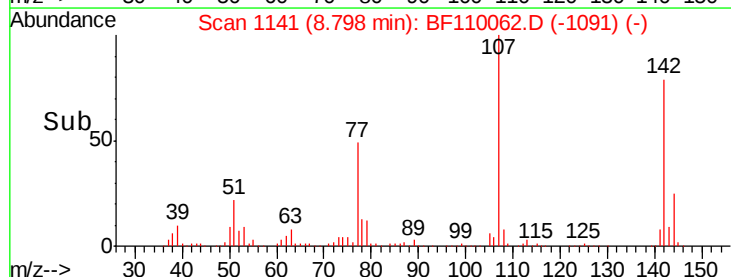
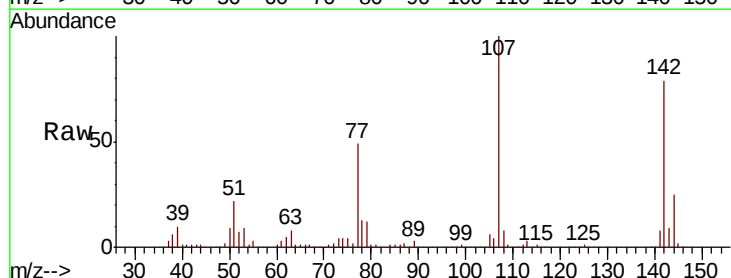
Manual Integrations
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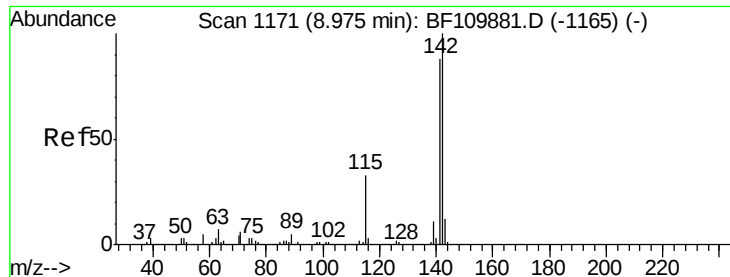
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#36
 4-Chloro-3-methylphenol
 Concen: 37.002 ng/ml
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.0	30.0
142	78.8	59.7	89.5





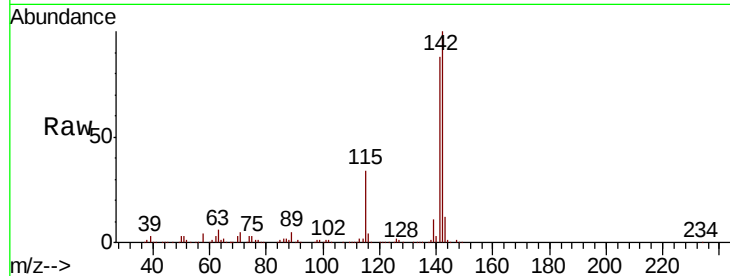
#37
2-Methylnaphthalene
Concen: 40.374 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	34.5	28.7	43.1

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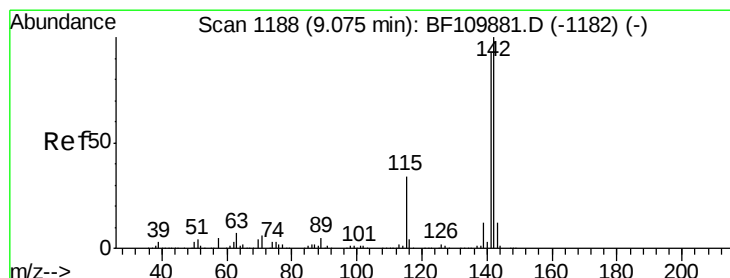
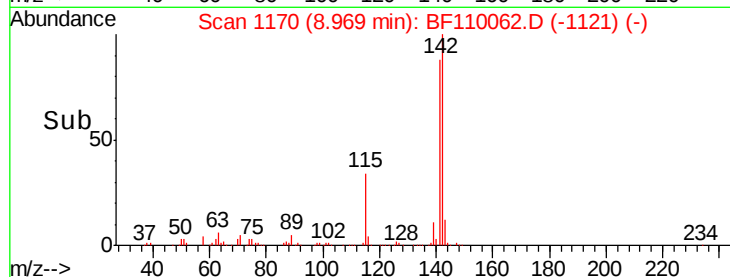
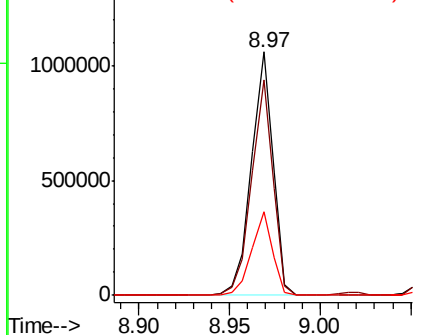


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.225 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

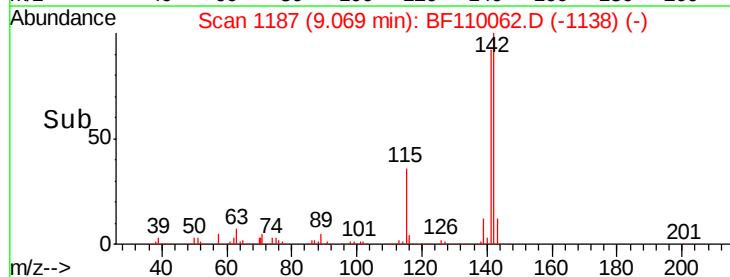
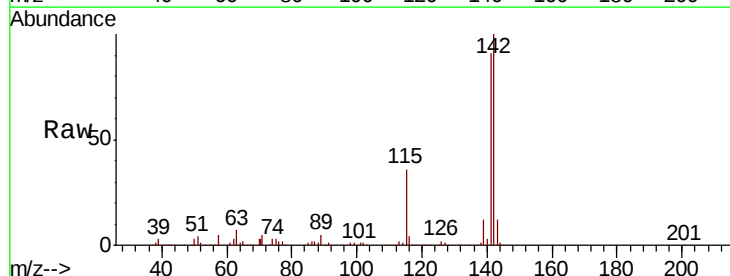
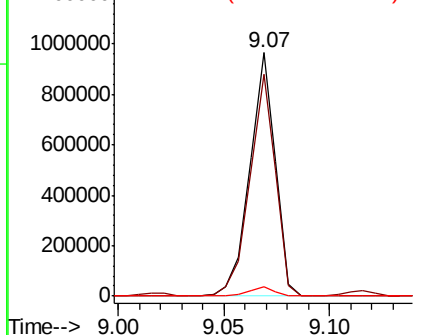
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.2	111.4
116	3.7	2.6	4.0

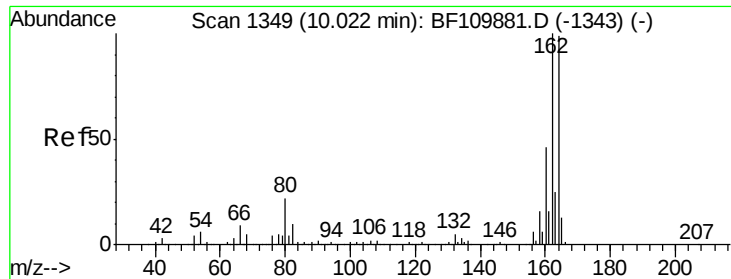
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





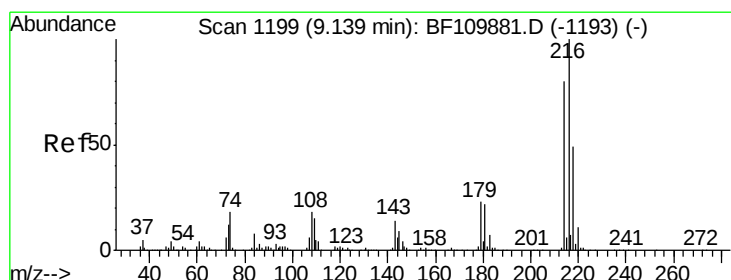
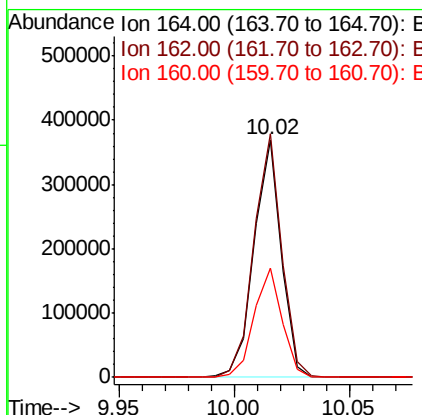
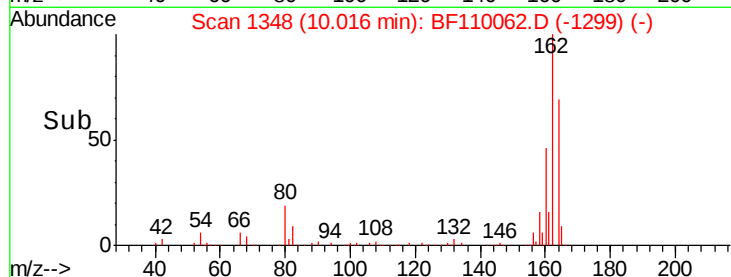
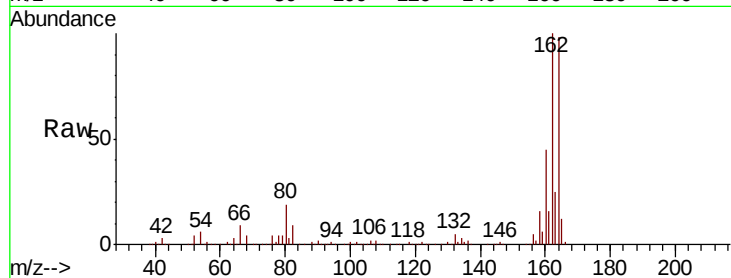
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.6
160	45.9	37.0	55.6

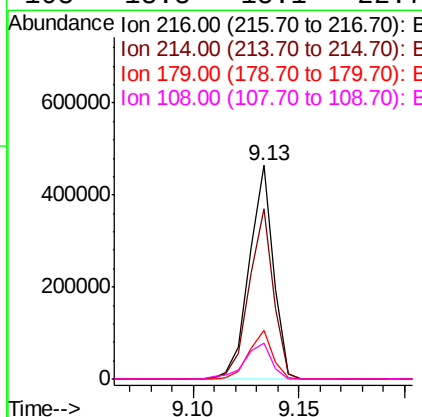
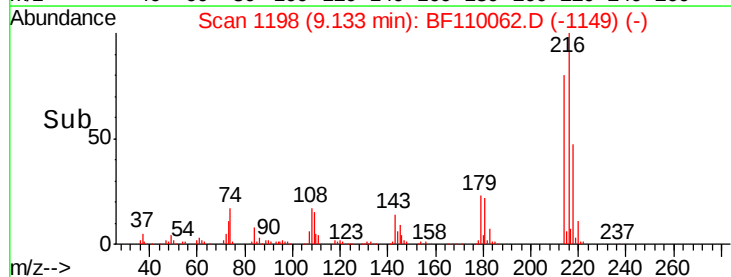
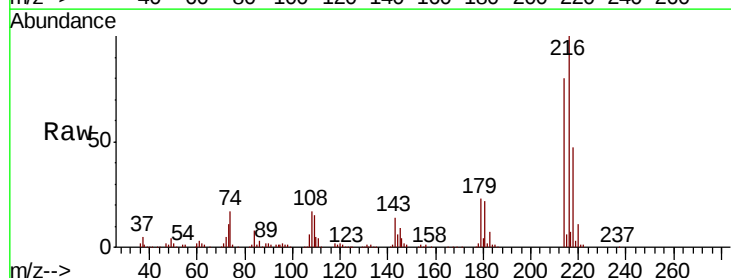
Manual Integrations
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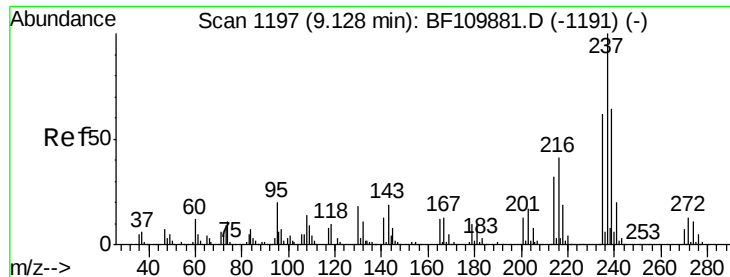
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.279 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	22.3	16.6	25.0
108	18.8	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 29.900 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

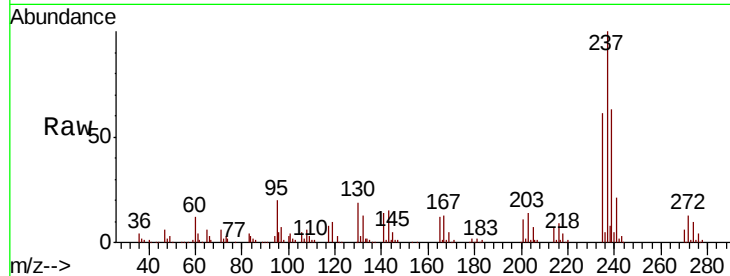
ClientSampled :

TP-AMS

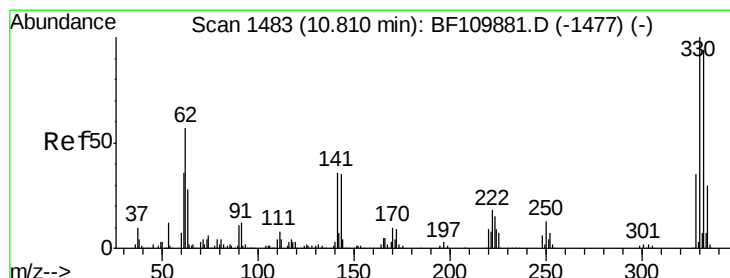
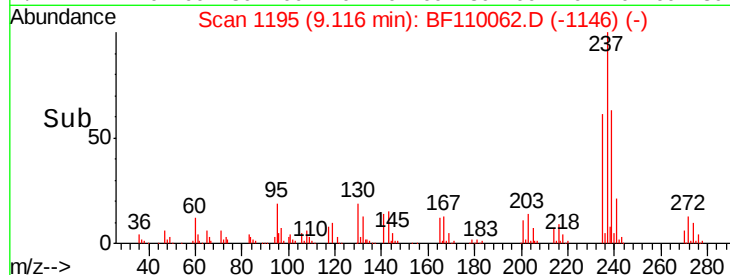
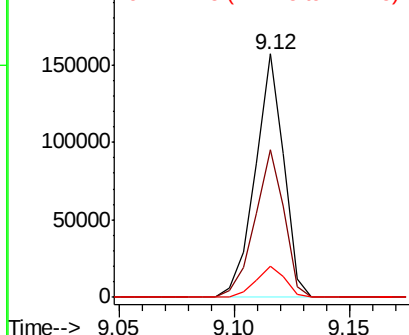
Tot Ion:	237	Resp:	135589
Ion Ratio	Lower	Upper	
237	100		
235	60.8	43.1	83.1
272	12.9	0.0	32.6

Manual Integrations
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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: 109.952 ng

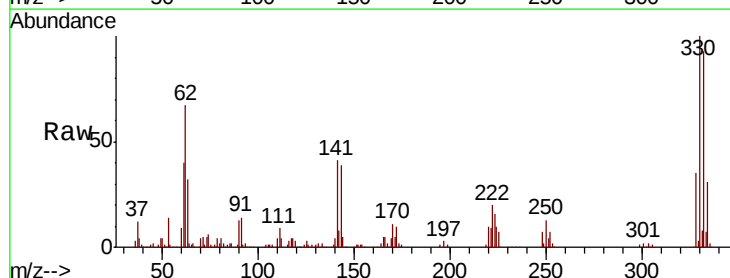
RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

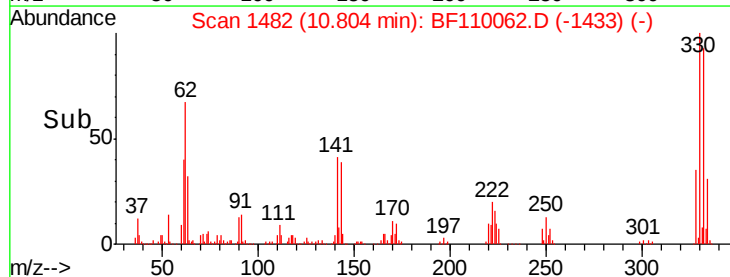
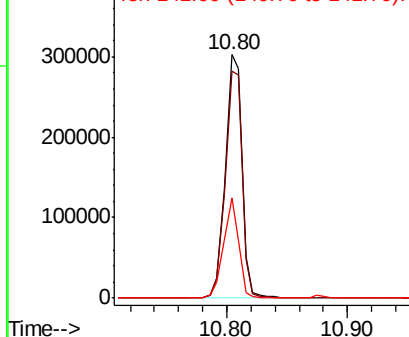
Lab File: BF110062.D

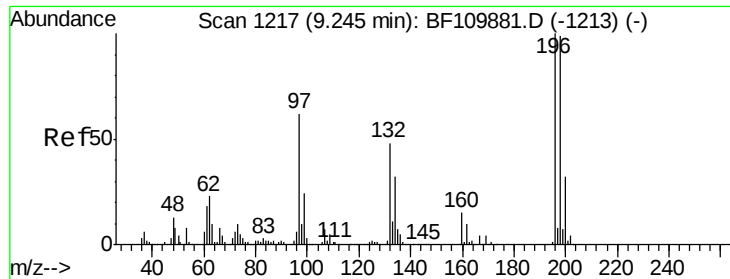
Acq: 22 Oct 2018 21:14

Tgt Ion:	330	Resp:	290371
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.1	115.7
141	36.7	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





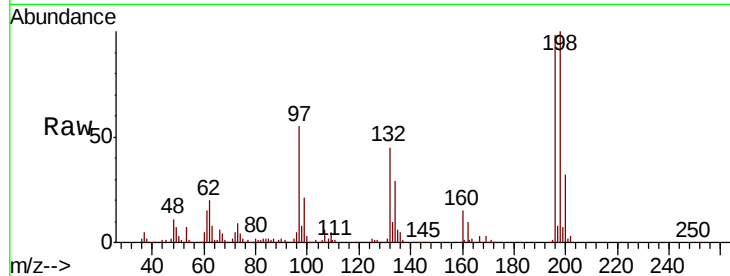
#43
 2,4,6-Trichlorophenol
 Concen: 40.795 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

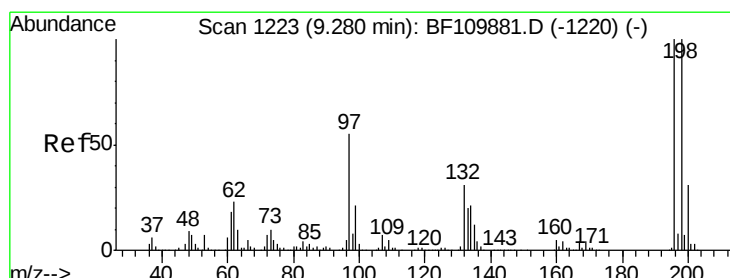
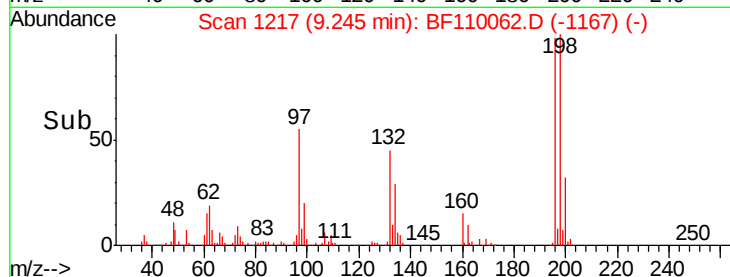
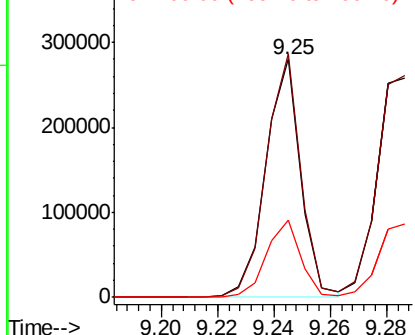
Tot Ion:	196	Resp:	239662
Ion Ratio	Lower	Upper	
196	100		
198	102.3	76.2	114.4
200	32.5	24.4	36.6

Manual Integrations
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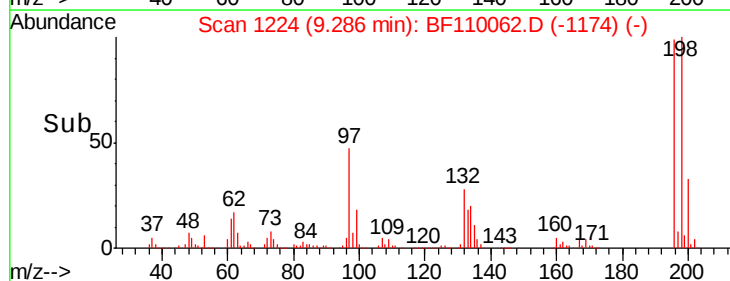
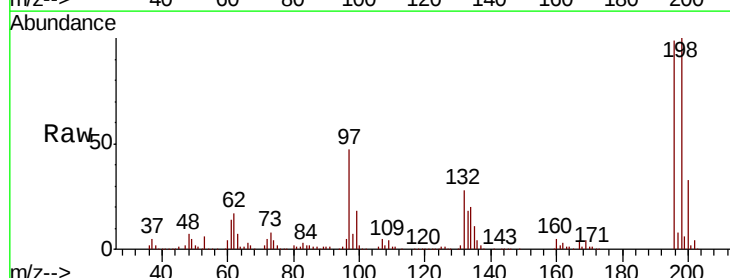
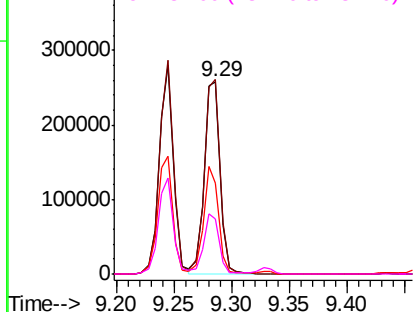
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

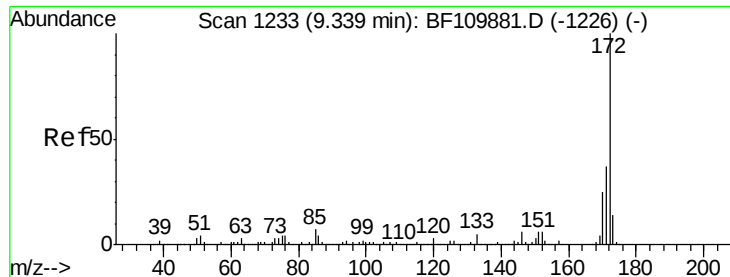


#44
 2,4,5-Trichlorophenol
 Concen: 40.656 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion:	196	Resp:	247891
Ion Ratio	Lower	Upper	
196	100		
198	101.4	75.8	113.6
97	47.4	42.4	63.6
132	28.7	22.8	34.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





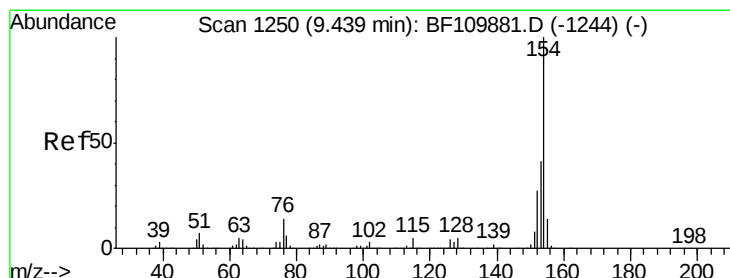
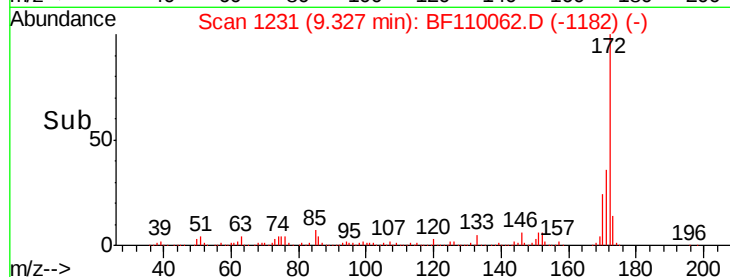
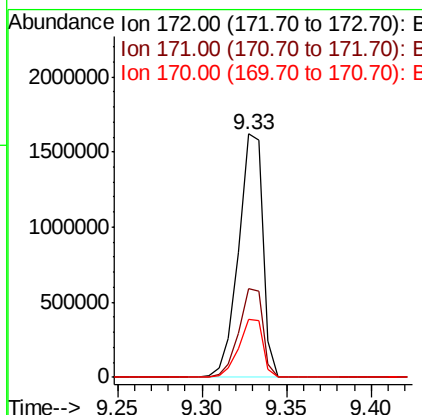
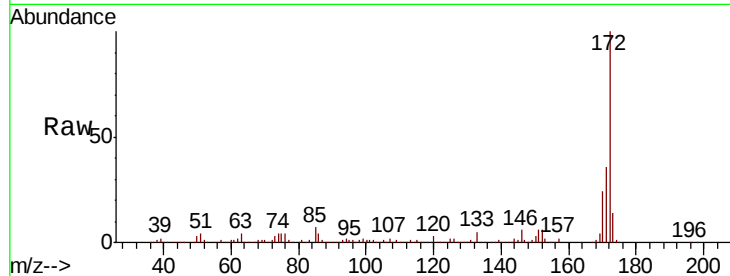
#45
2-Fluorobiphenyl
Concen: 85.116 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	28.6	43.0	
170	23.9	19.7	29.5	

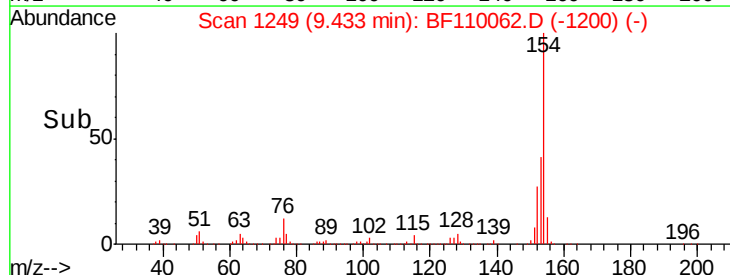
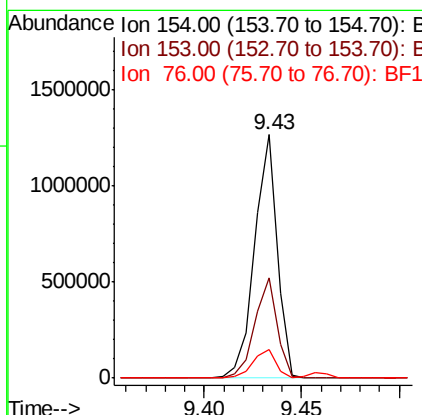
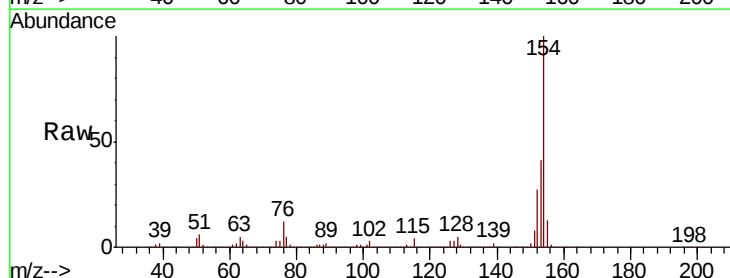
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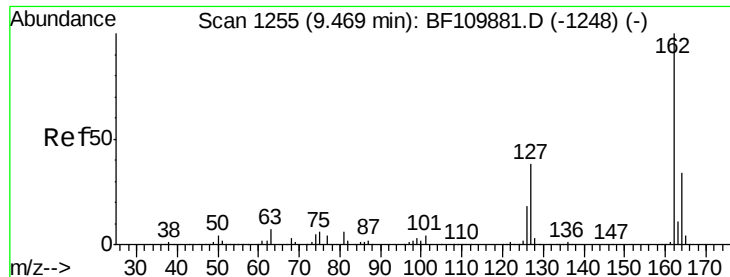
Sohil
10/23/2018 2:18:50 PM



#46
1,1'-Biphenyl
Concen: 37.597 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.1	20.4	60.4	
76	11.5	0.0	31.9	





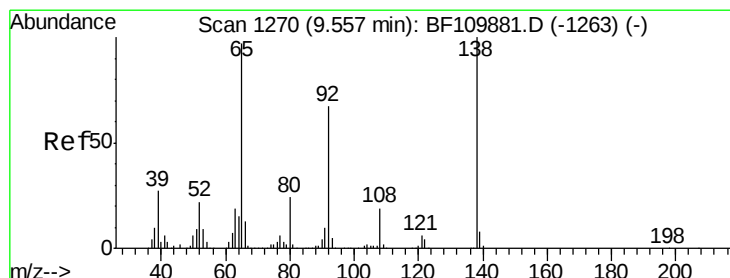
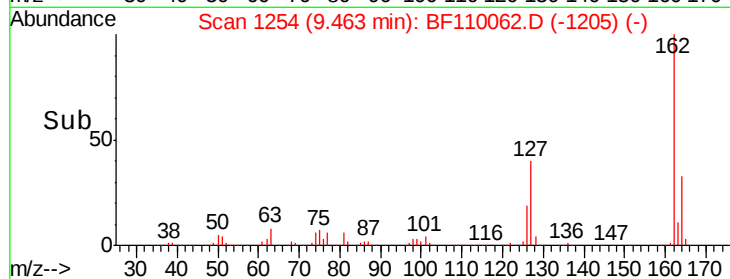
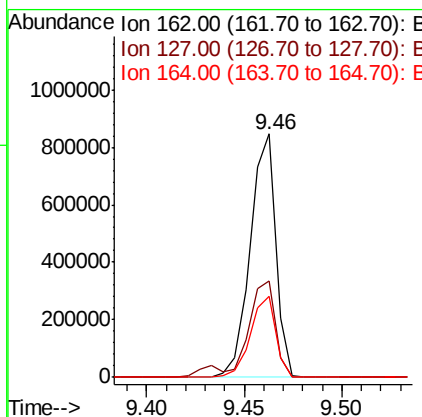
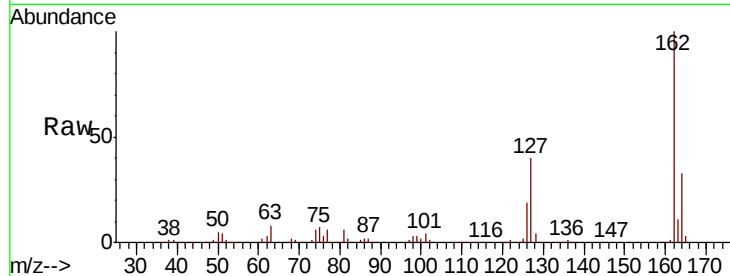
#47
2-Chloronaphthalene
Concen: 38.388 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	33.4	25.9	38.9

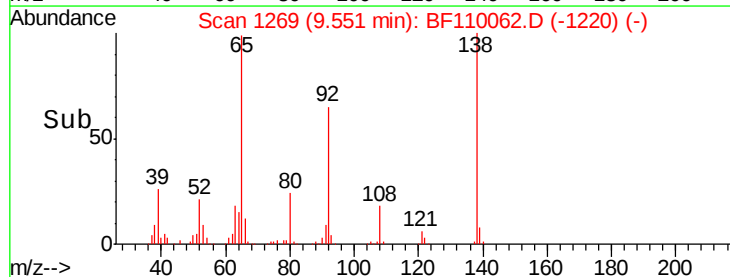
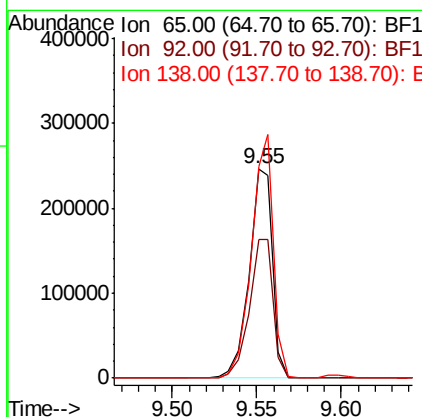
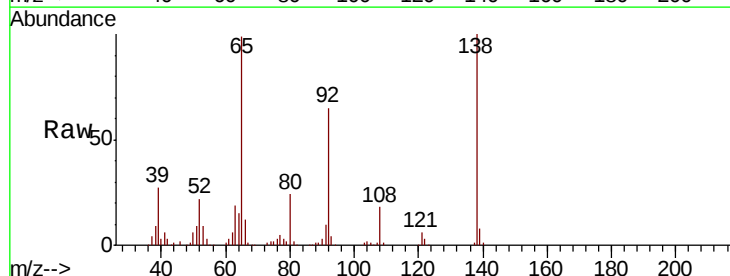
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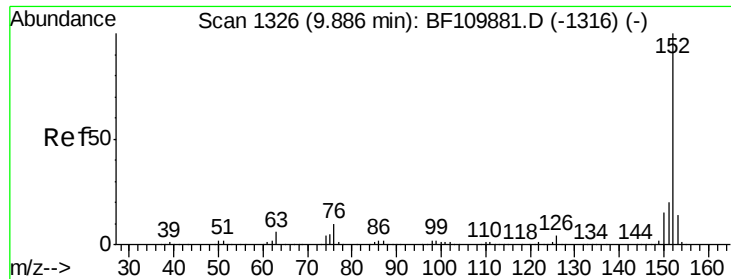
Sohil
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#48
2-Nitroaniline
Concen: 46.379 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	54.6	81.8
138	100.8	80.3	120.5





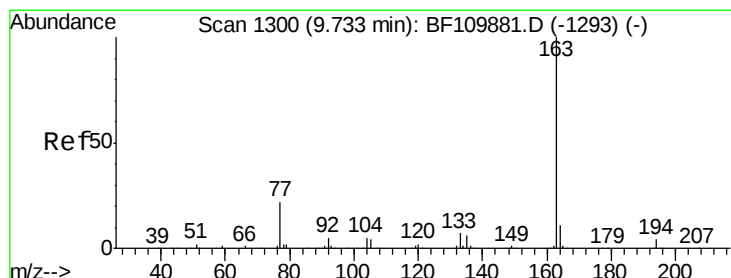
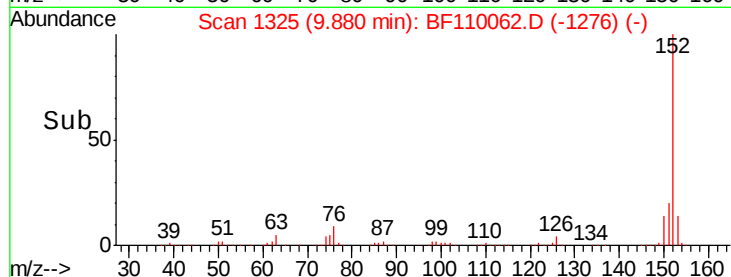
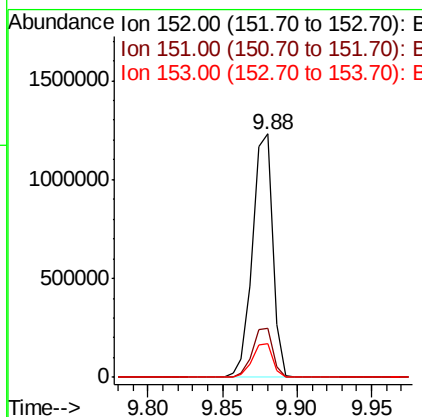
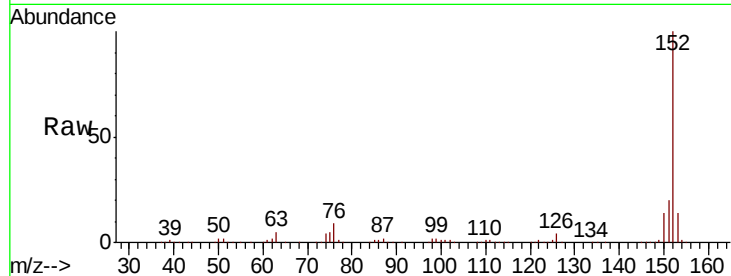
#49
Acenaphthylene
Concen: 39.582 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.6	10.4	15.6

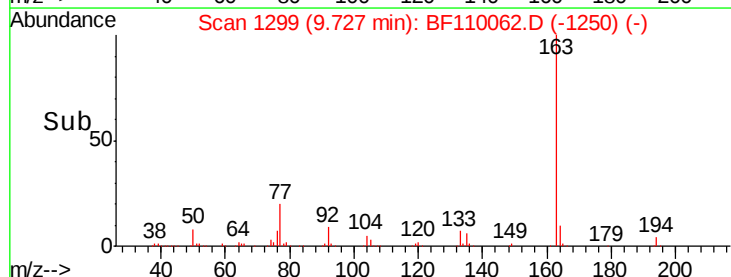
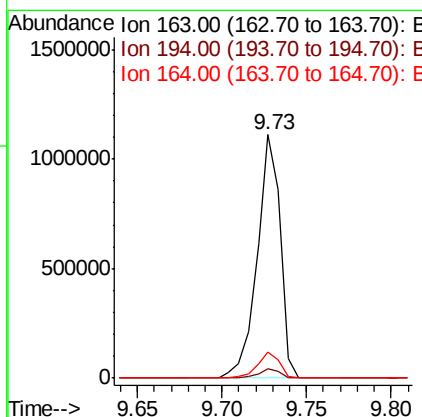
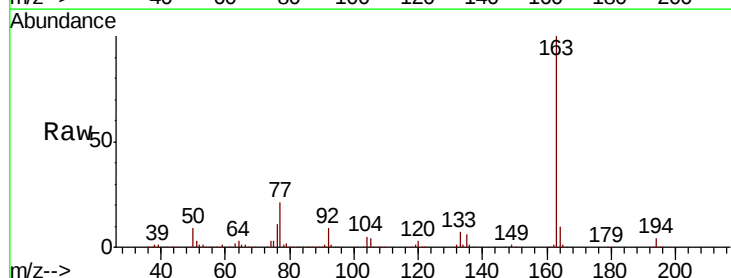
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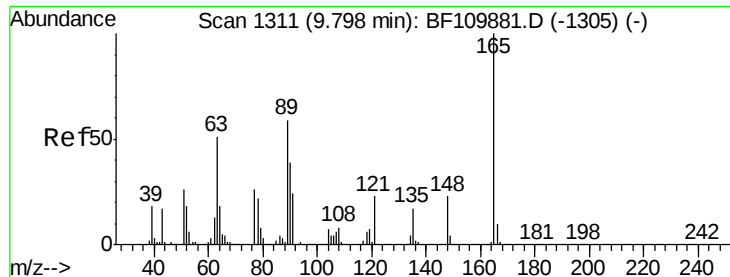
Sohil
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#50
Dimethylphthalate
Concen: 48.741 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.5	8.1	12.1





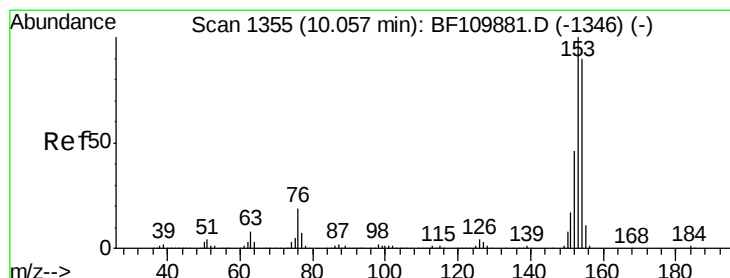
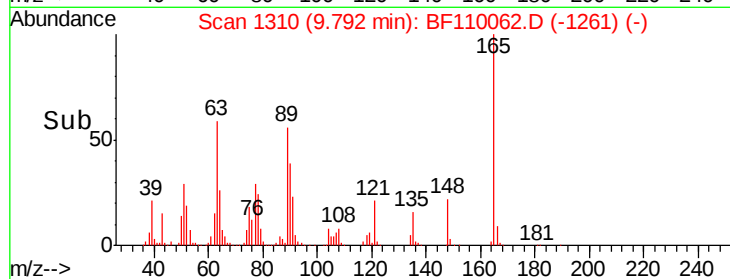
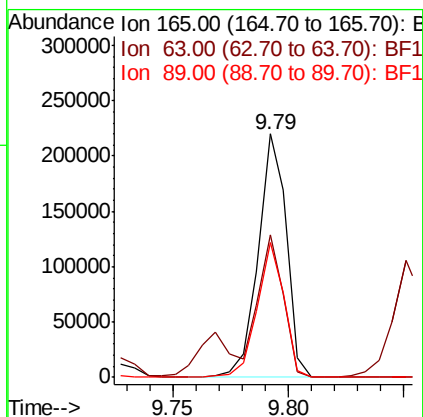
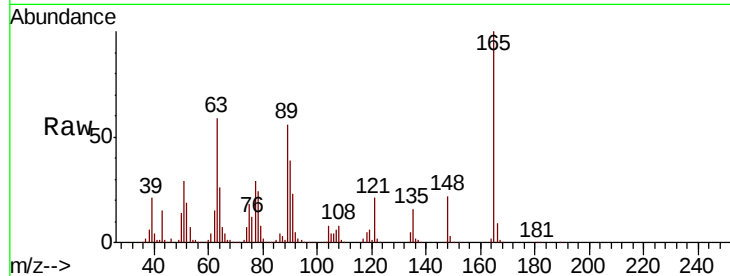
#51
 2,6-Dinitrotoluene
 Concen: 45.452 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	186462		
63	58.7	48.9	73.3	
89	55.5	46.6	69.8	

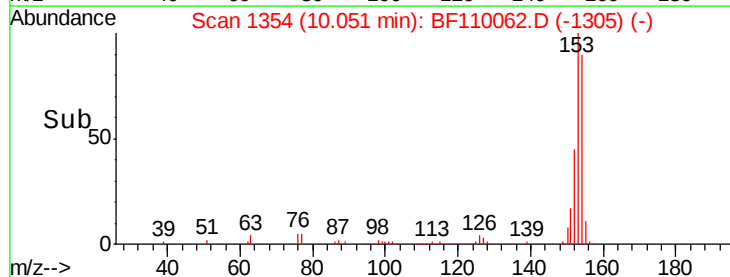
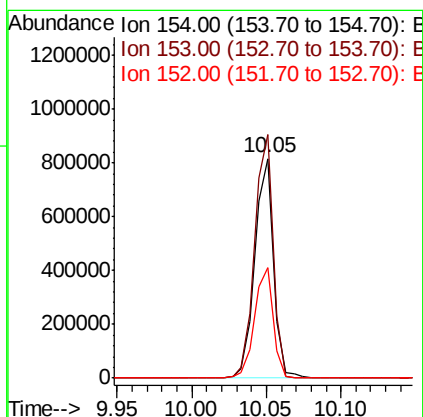
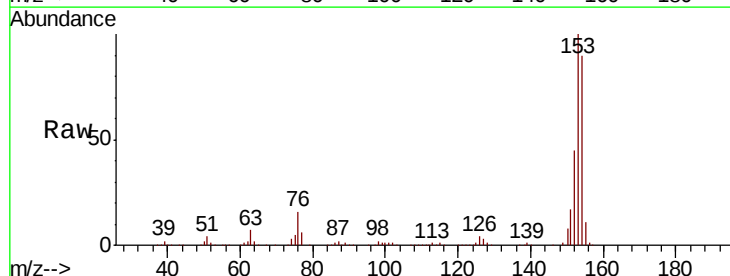
Manual Integrations
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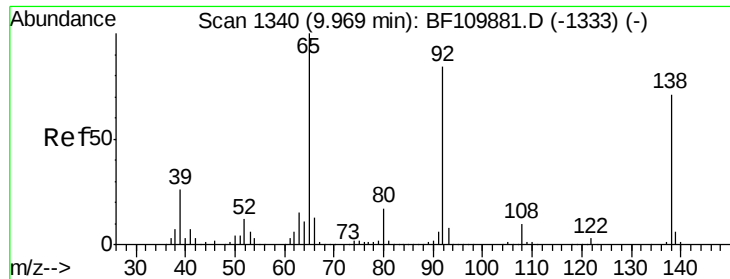
Sohil
 10/23/2018 2:18:50 PM



#52
 Acenaphthene
 Concen: 37.820 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	700240		
153	111.0	90.1	135.1	
152	50.4	43.4	65.2	





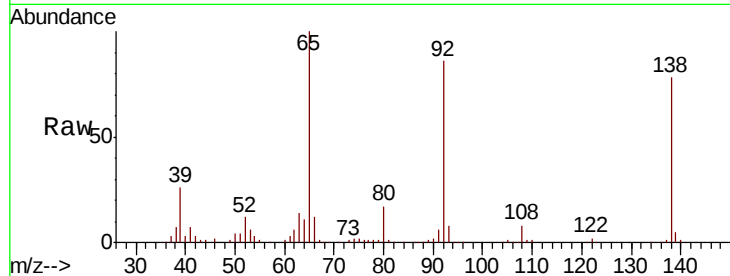
#53
3-Nitroaniline
Concen: 28.251 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	110.2	97.0	145.4

Manual Integrations
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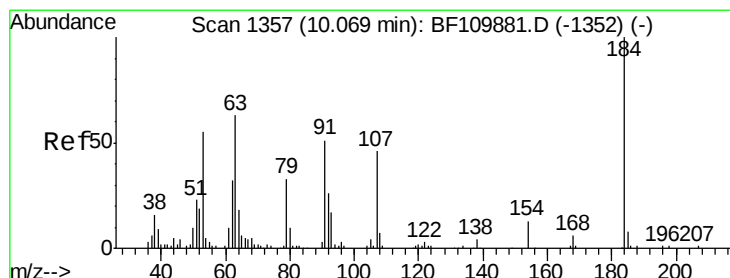
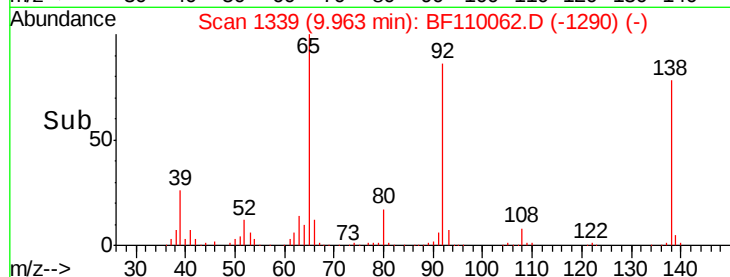
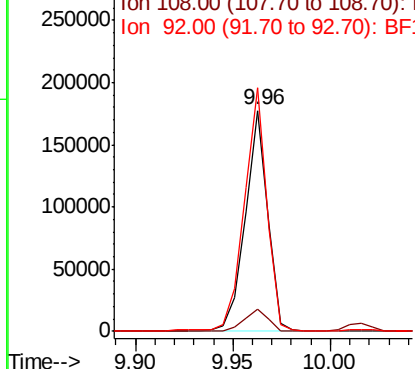


Abundance

Ion 138.00 (137.70 to 138.70): E

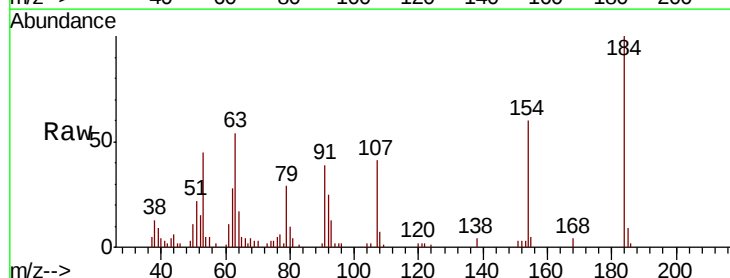
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 21.982 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.0	55.8	83.6#
154	60.5	63.2	94.8#

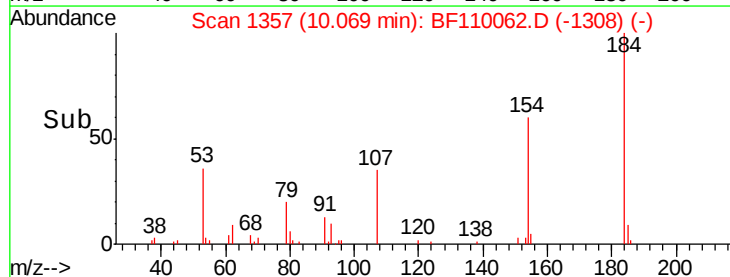
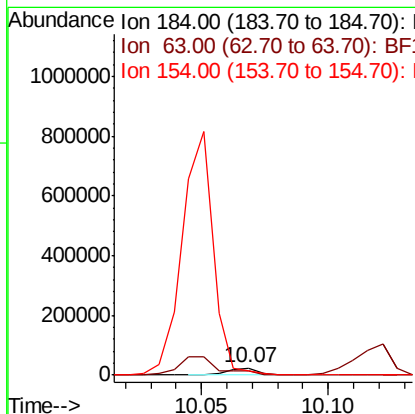


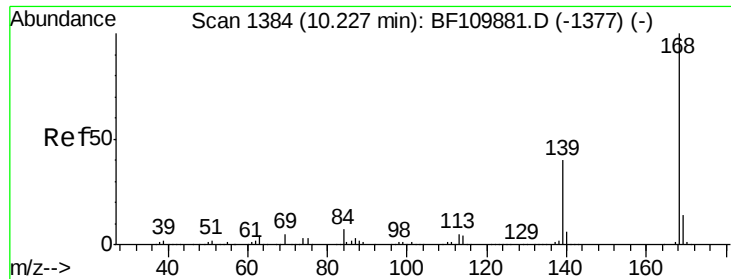
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





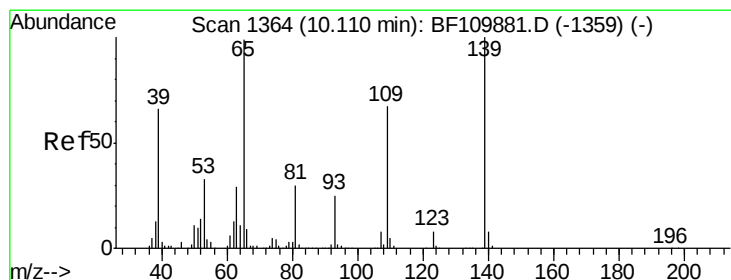
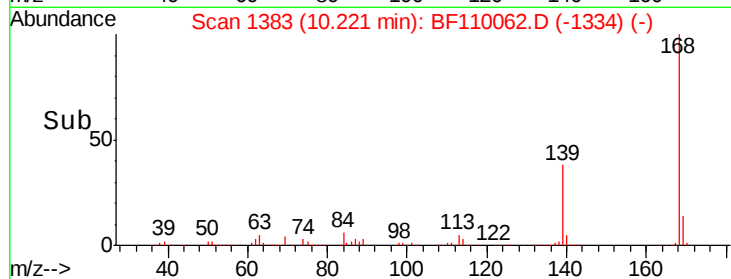
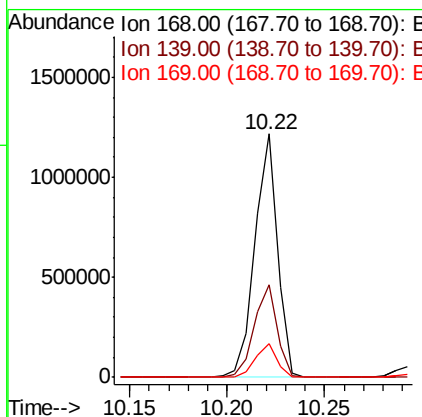
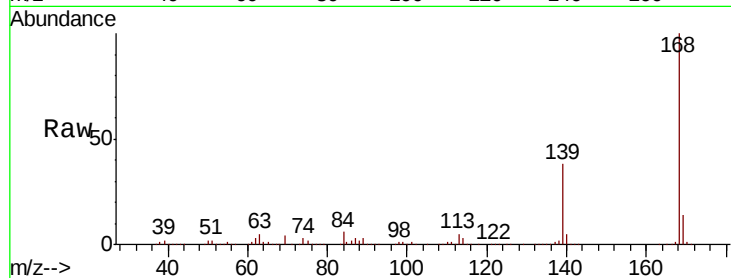
#55
Dibenzenofuran
Concen: 37.123 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	33.0	49.6
169	13.7	11.3	16.9

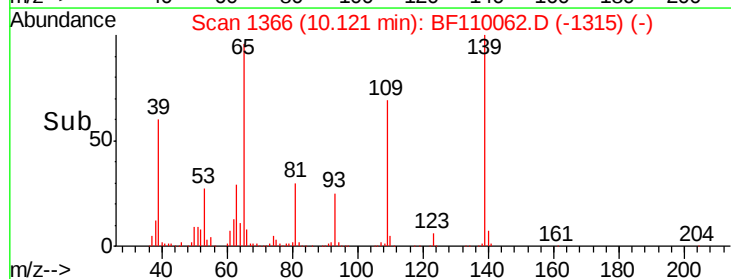
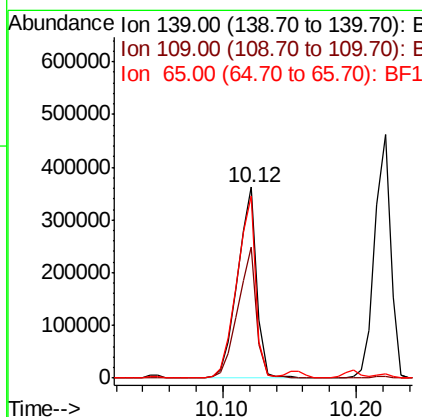
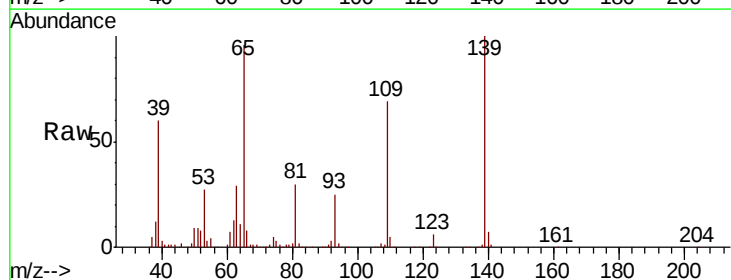
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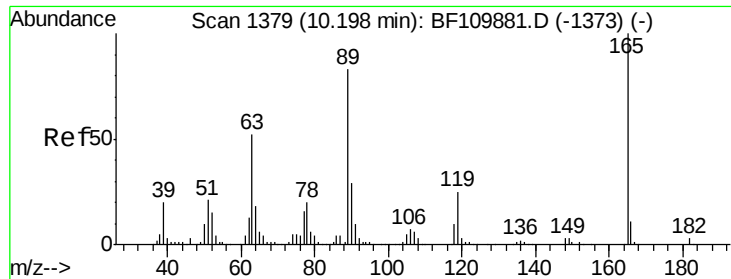
Sohil
10/23/2018 2:18:50 PM



#56
4-Nitrophenol
Concen: 95.690 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.8	55.8	95.8
65	95.6	77.9	117.9





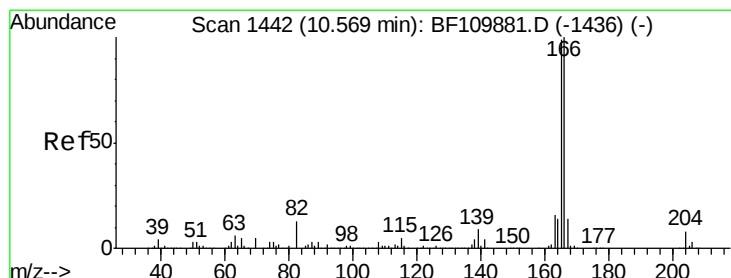
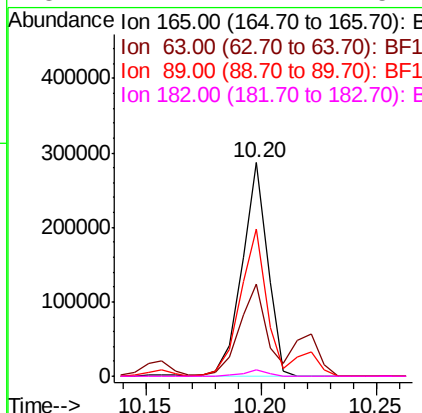
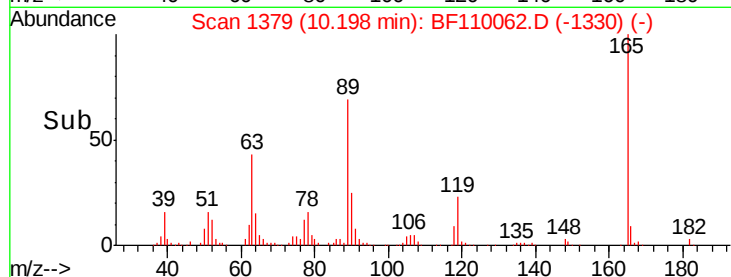
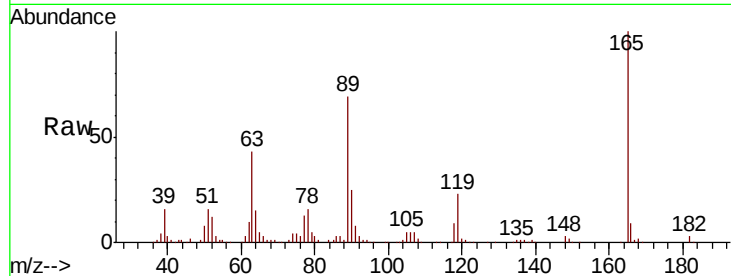
#57
 2,4-Dinitrotoluene
 Concen: 43.416 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		222480		
63	43.3		44.8	67.2	#
89	68.7		62.2	93.4	
182	2.7		2.1	3.1	

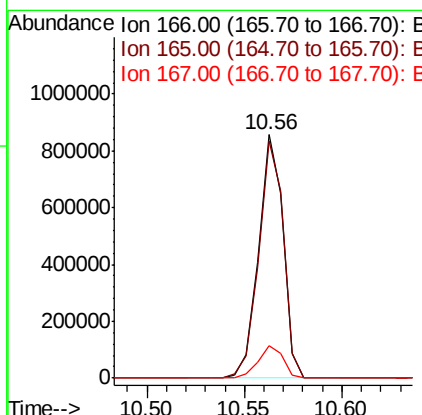
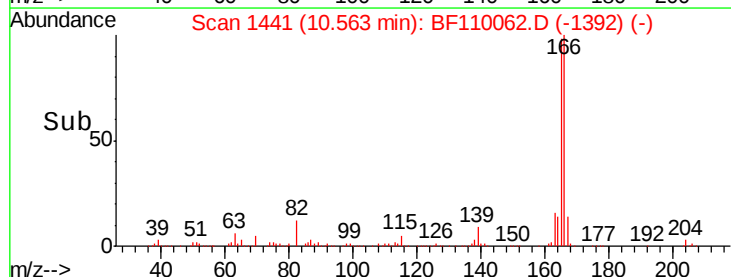
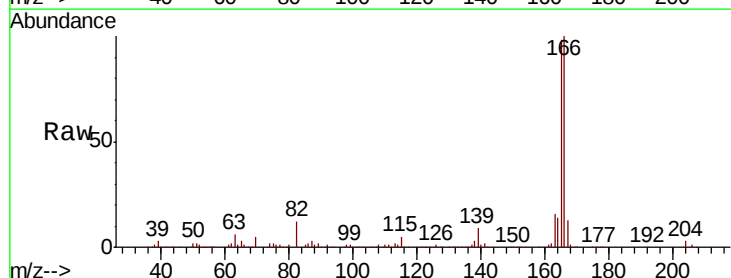
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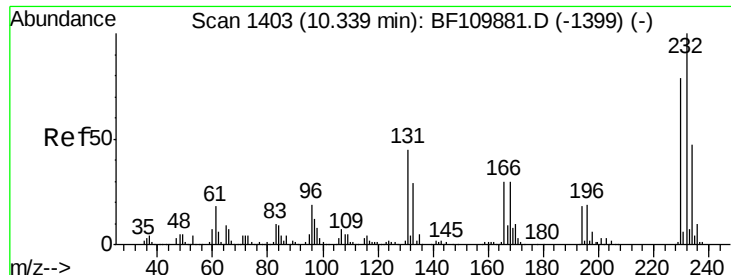
Sohil
 10/23/2018 2:18:50 PM



#58
 Fluorene
 Concen: 38.610 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		742149		
165	97.6		78.6	117.8	
167	13.5		10.8	16.2	





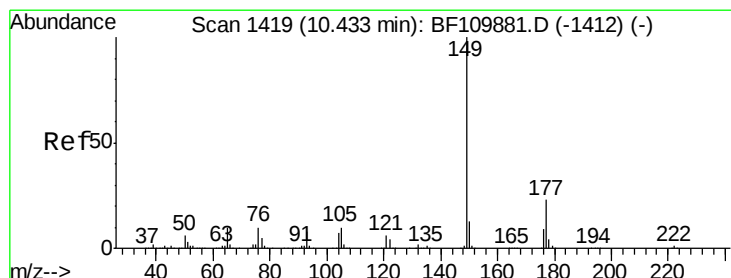
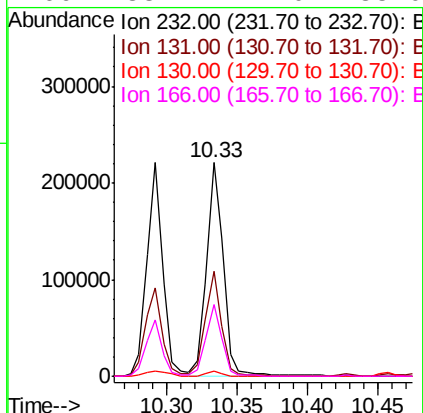
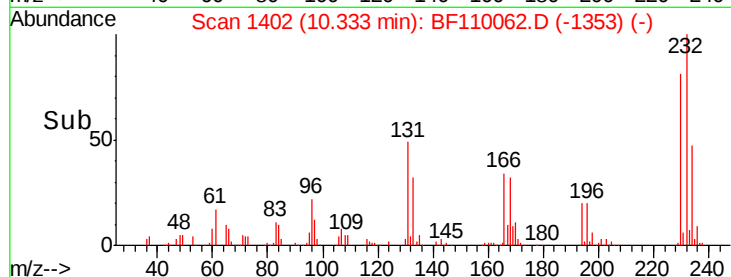
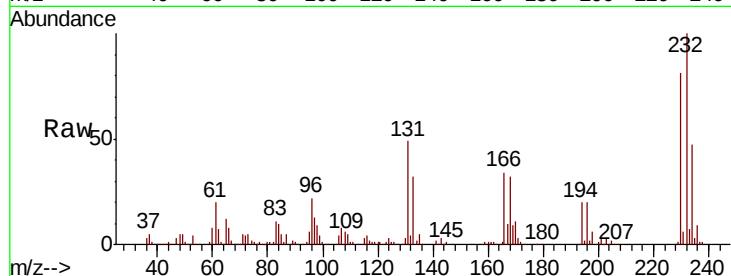
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.541 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion:	232	Resp:	181407
Ion Ratio	Lower	Upper	
232	100		
131	47.5	37.0	55.4
130	2.4	1.8	2.6
166	33.1	22.0	33.0#

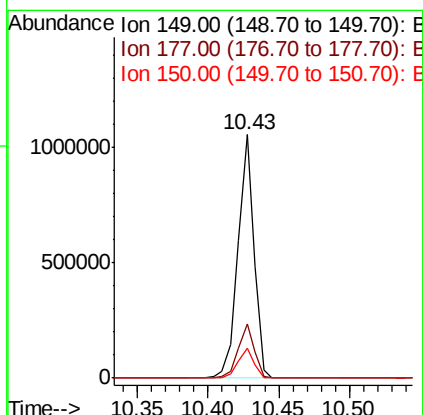
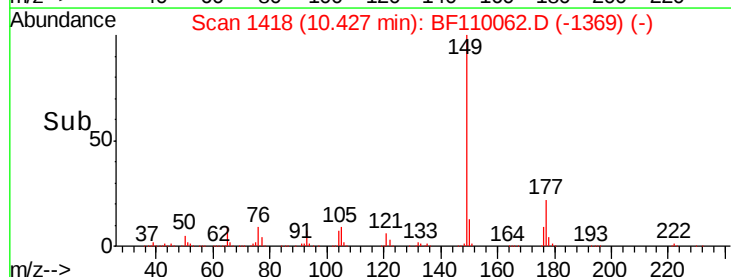
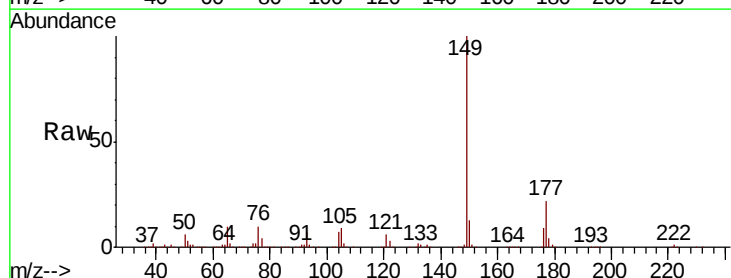
Manual Integrations
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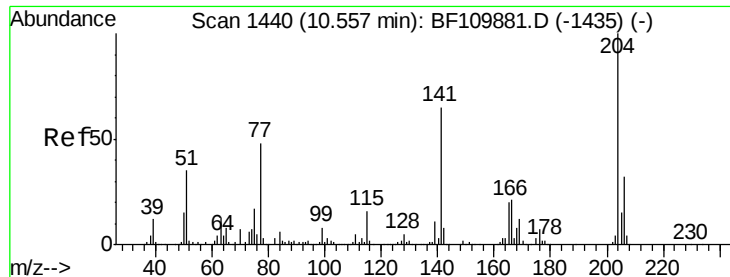
Sohil
10/23/2018 2:18:50 PM



#60
Diethylphthalate
Concen: 39.094 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion:	149	Resp:	833995
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.4	26.2
150	12.5	9.8	14.8





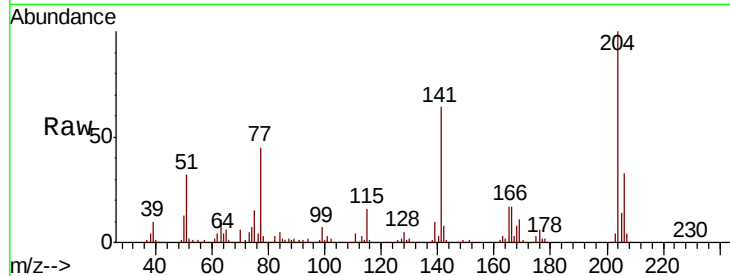
#61
4-Chlorophenyl-phenylether
Concen: 36.521 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	63.8	51.8	77.8

Manual Integrations
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Sohil
10/23/2018 2:18:50 PM

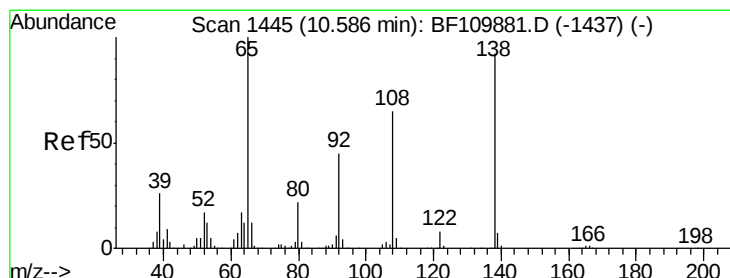
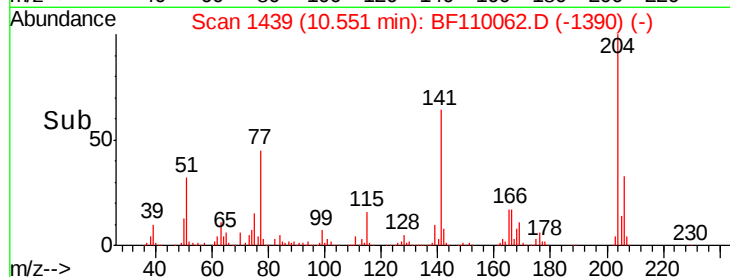
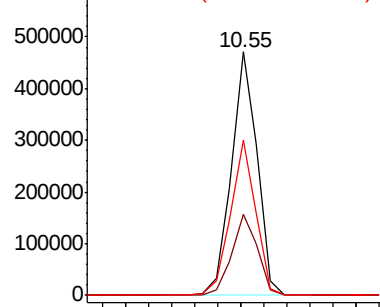


Abundance

Ion 204.00 (203.70 to 204.70): E

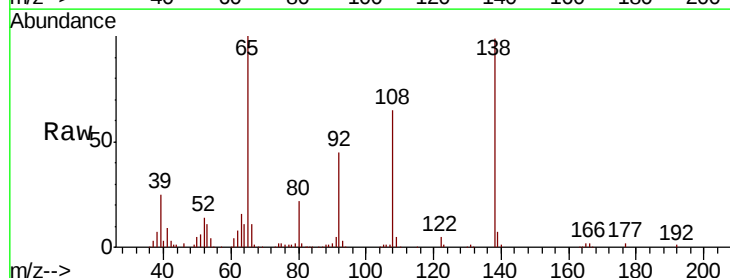
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.310 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	31.7	71.7
108	65.9	59.3	99.3

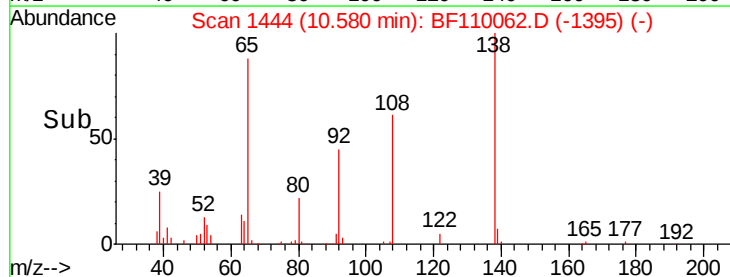
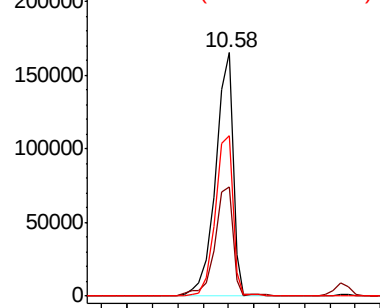


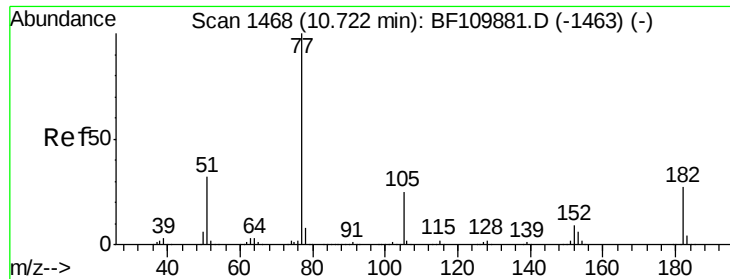
Abundance

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





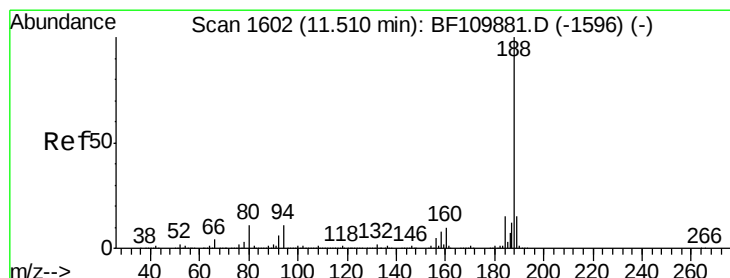
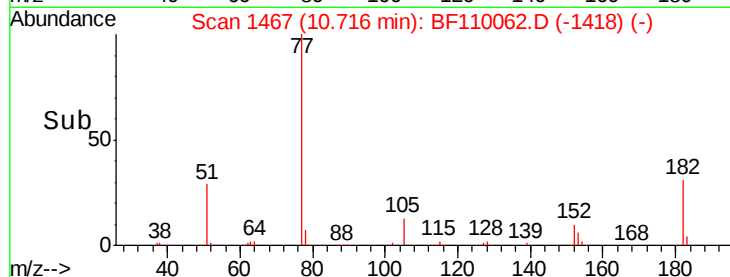
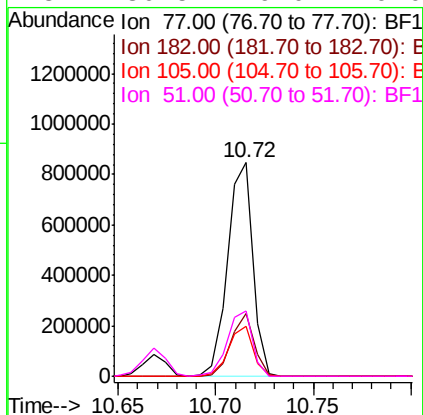
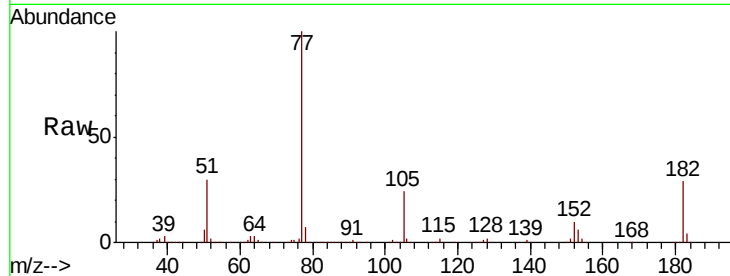
#63
Azobenzene
Concen: 34.010 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		757963		
182	29.4	4.3	44.3		
105	23.6	1.3	41.3		
51	30.5	9.0	49.0		

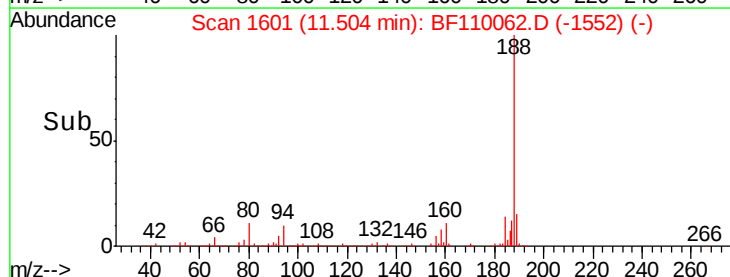
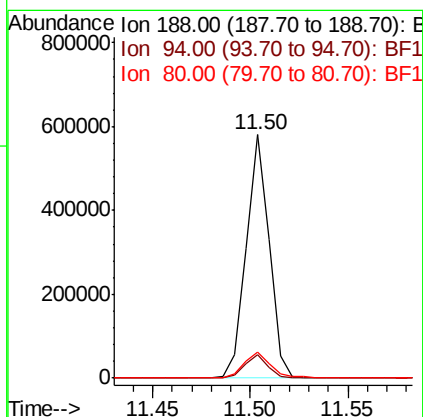
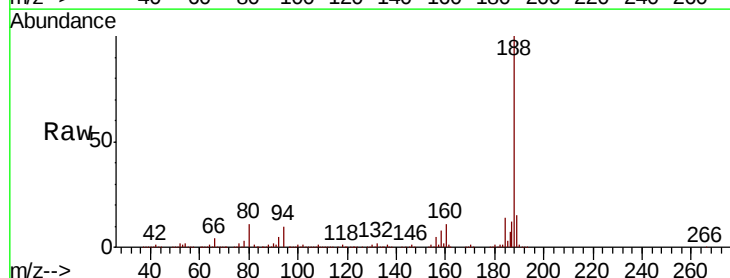
Manual Integrations
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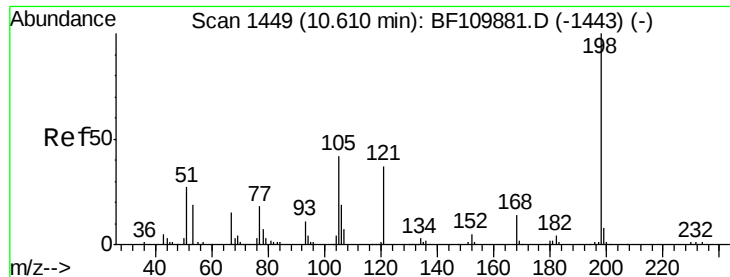
Sohil
10/23/2018 2:18:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		473324		
94	9.6	7.2	10.8		
80	10.7	7.9	11.9		





#65

4,6-Dinitro-2-methylphenol

Concen: 20.019 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

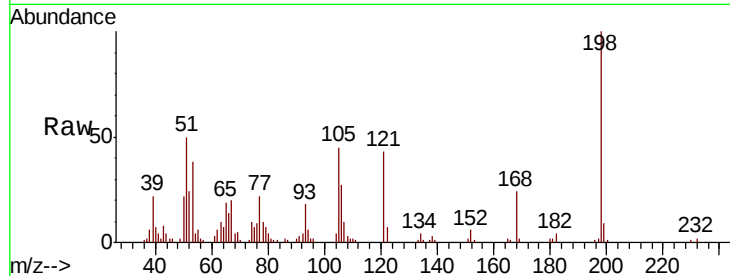
ClientSampled :

TP-AMS

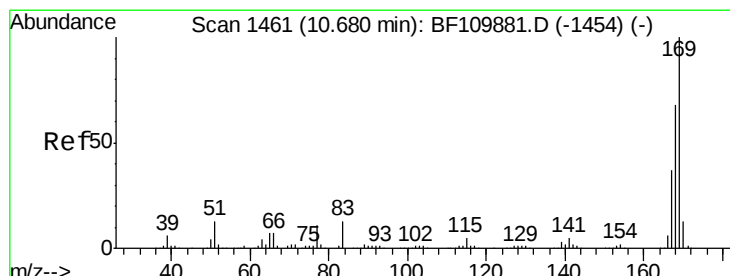
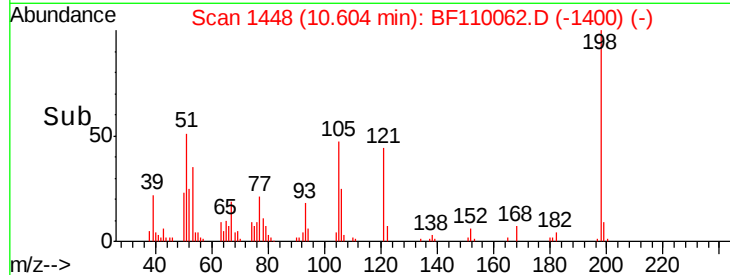
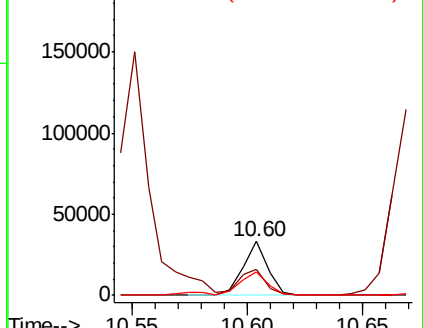
Tot Ion:	198	Resp:	24869
Ion Ratio	Lower	Upper	
198	100		
51	49.5	22.8	62.8
105	44.8	23.6	63.6

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.124 ng

RT: 10.67 min Scan# 1459

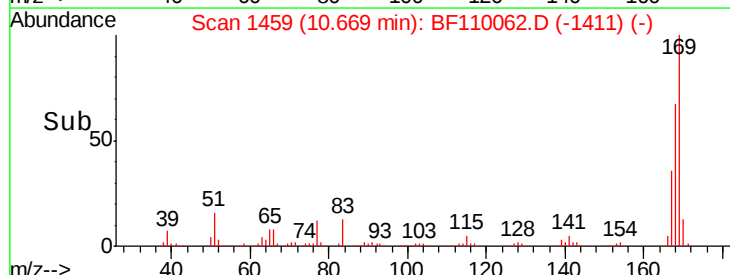
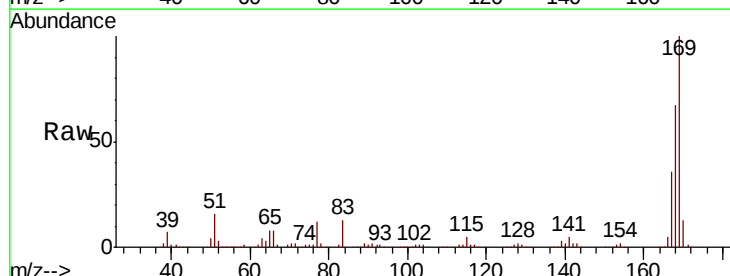
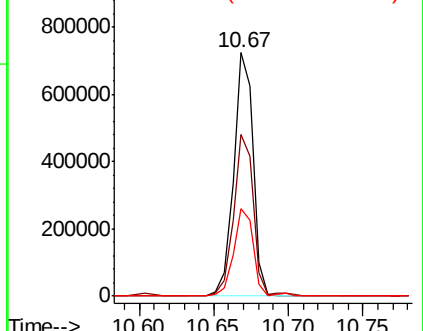
Delta R.T. -0.02 min

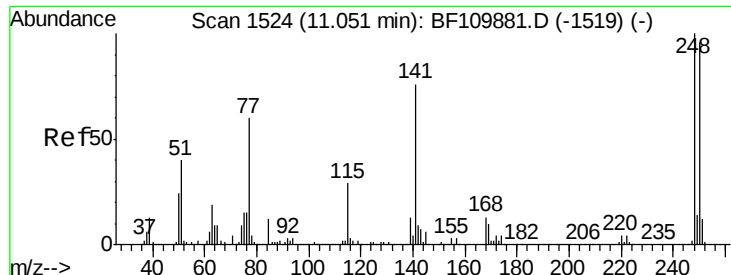
Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	169	Resp:	664072
Ion Ratio	Lower	Upper	
169	100		
168	66.6	51.2	76.8
167	35.9	27.8	41.6

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





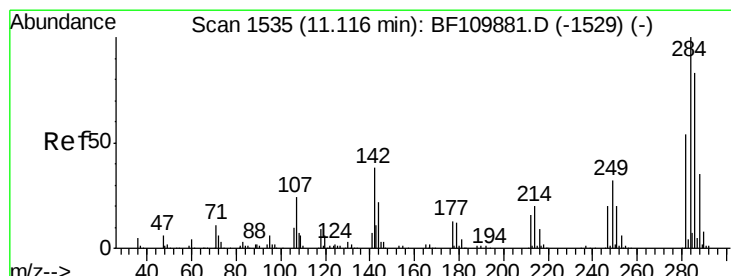
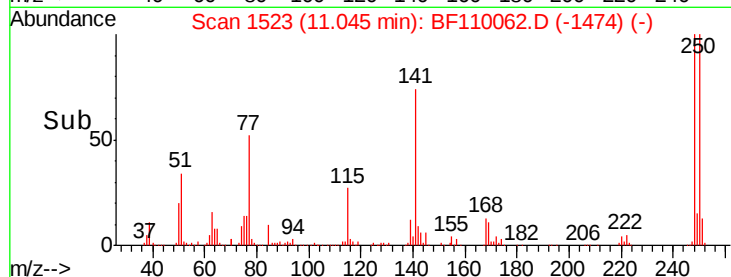
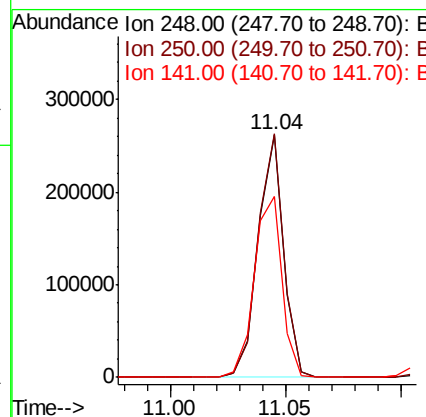
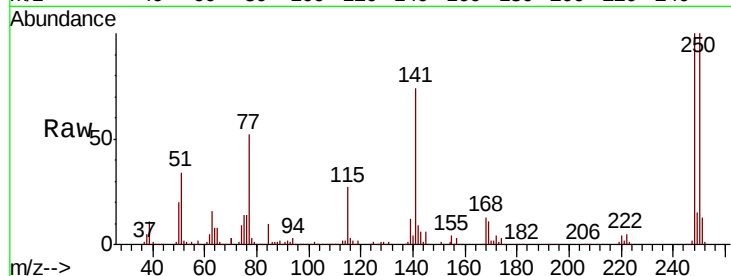
#67
 4-Bromophenyl-phenylether
 Concen: 39.711 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	79.4	119.2
141	74.5	55.9	83.9

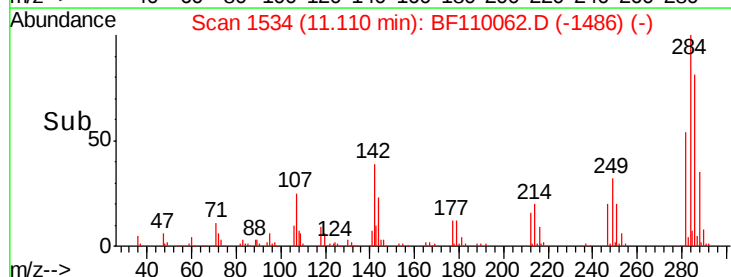
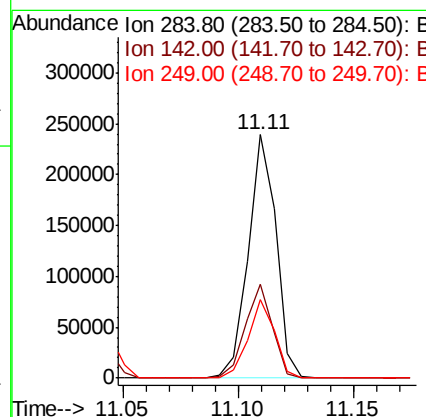
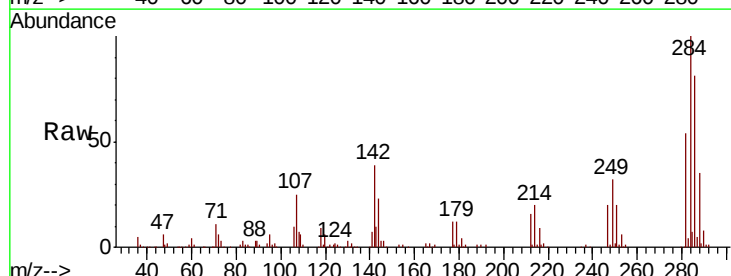
Manual Integrations
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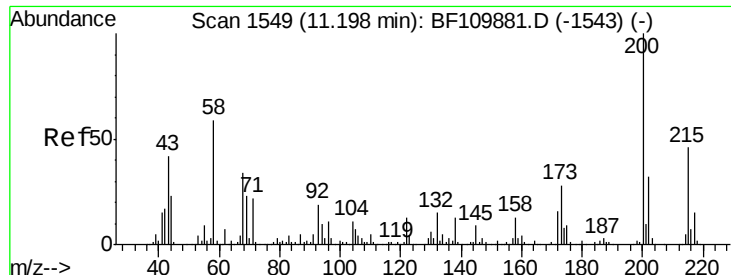
Sohil
 10/23/2018 2:18:50 PM



#68
 Hexachlorobenzene
 Concen: 36.793 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.7	23.9	35.9#
249	32.4	24.2	36.2





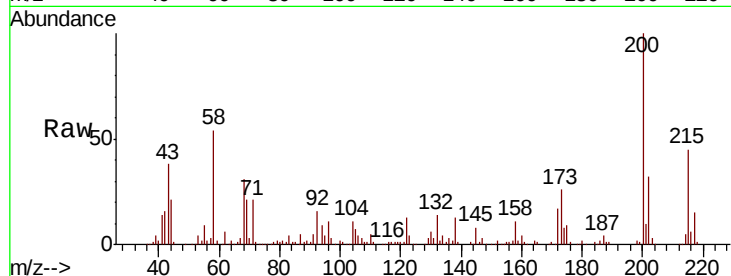
#69
Atrazine
Concen: 41.579 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.3	6.6	46.6
215	45.3	26.3	66.3

Manual Integrations
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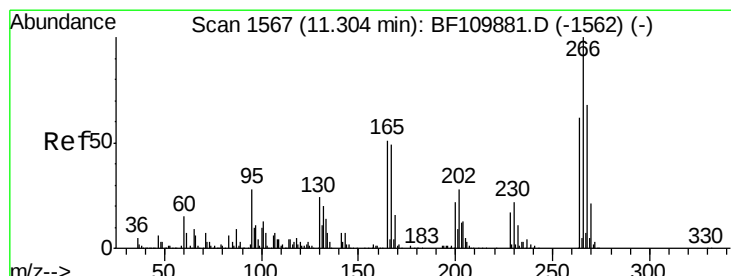
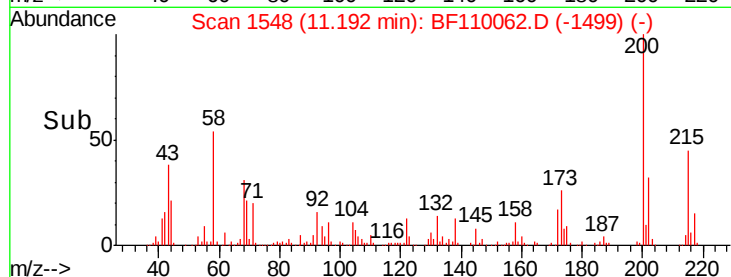
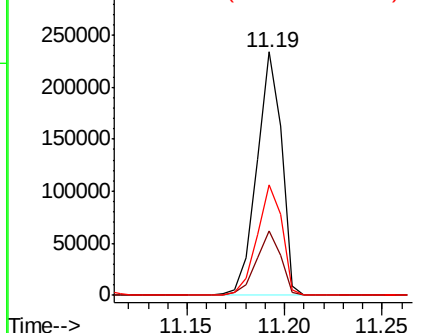


Abundance

Ion 200.00 (199.70 to 200.70): E

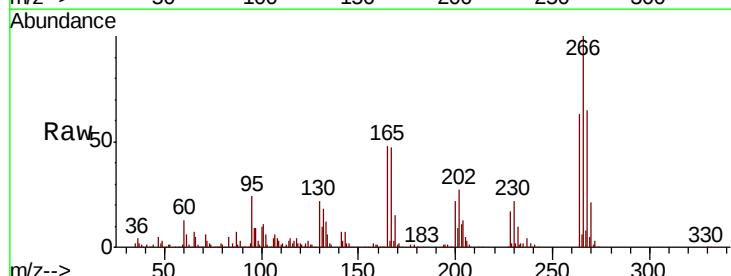
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.530 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	50.6	75.8
264	63.0	50.6	75.8

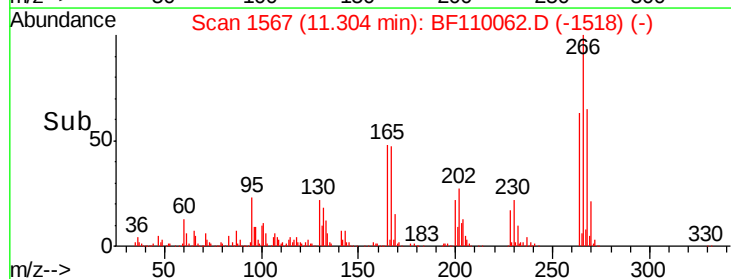
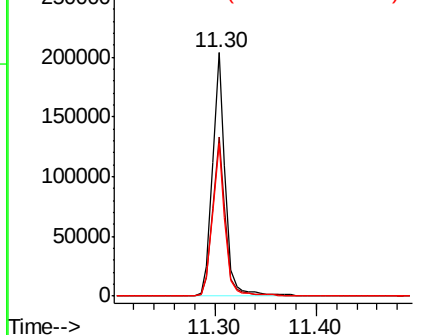


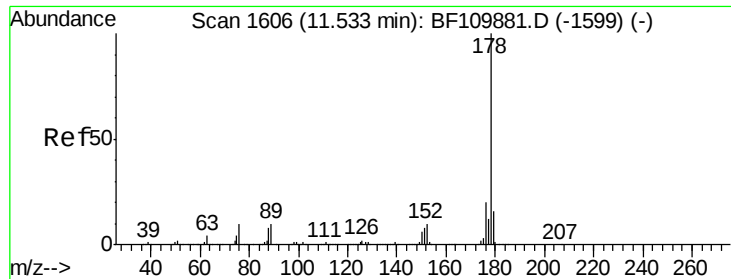
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.052 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

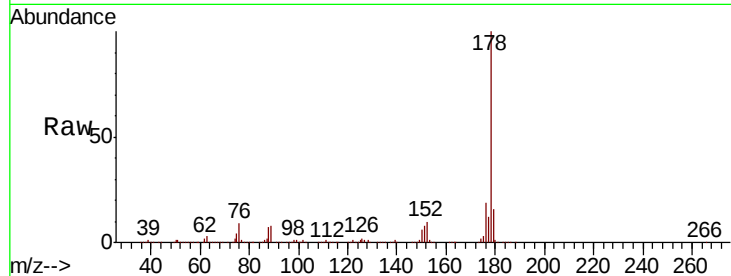
ClientSampled :

TP-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.8	12.5	18.7

Manual Integrations
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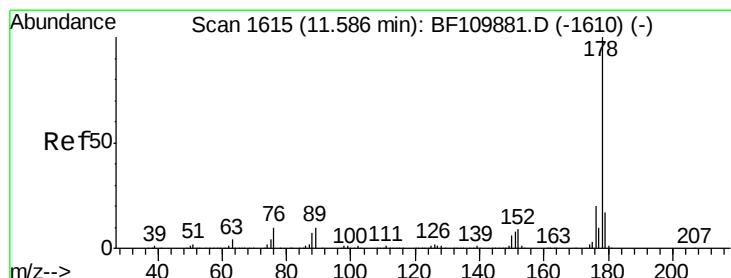
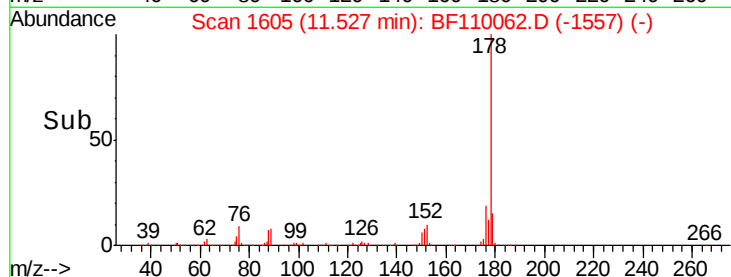
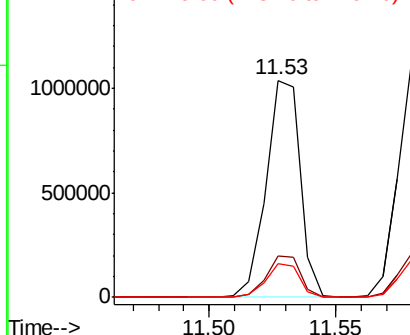


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.228 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.02 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

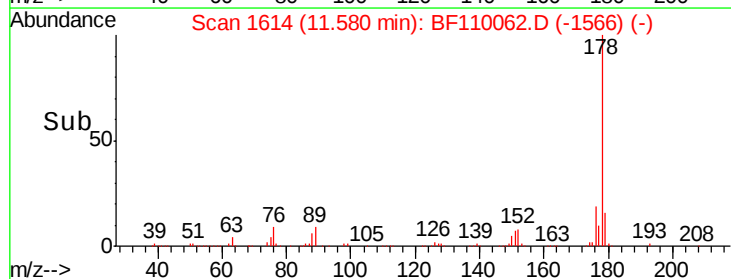
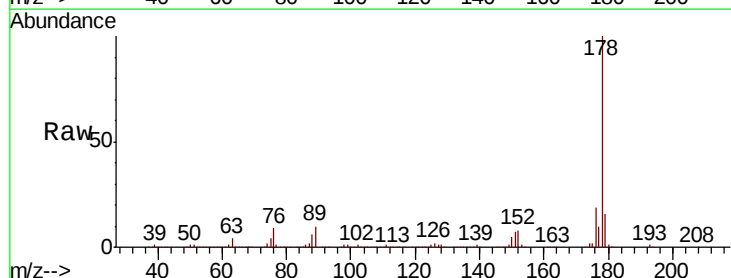
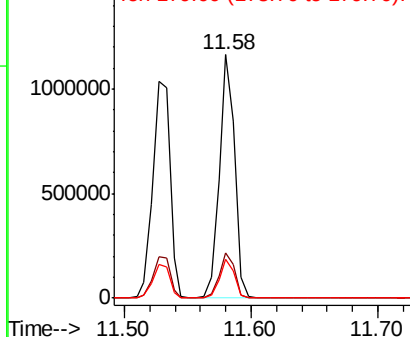
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.0	12.6	18.8

Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 35.747 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

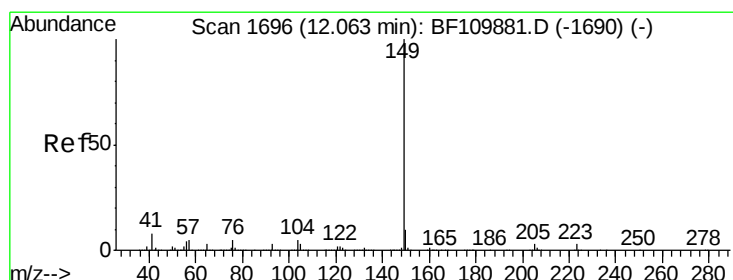
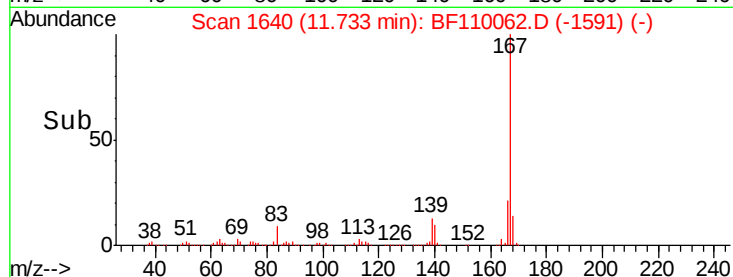
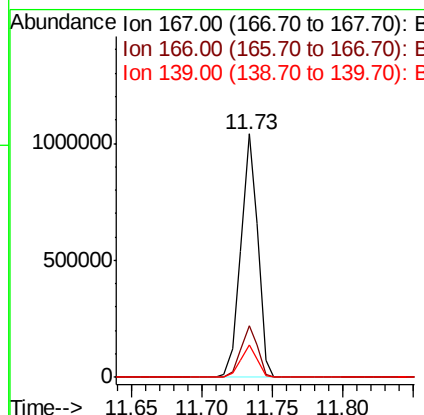
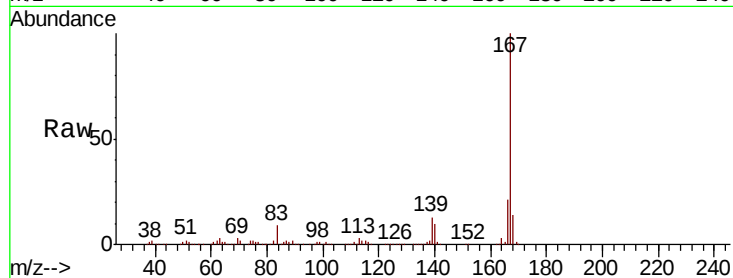
ClientSampleId :

TP-AMS

Tot Ion:	167	Resp:	865497
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.4	26.0
139	13.4	10.9	16.3

Manual Integrations
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10/23/2018 2:18:50 PM



#74

Di-n-butylphthalate

Concen: 41.532 ng

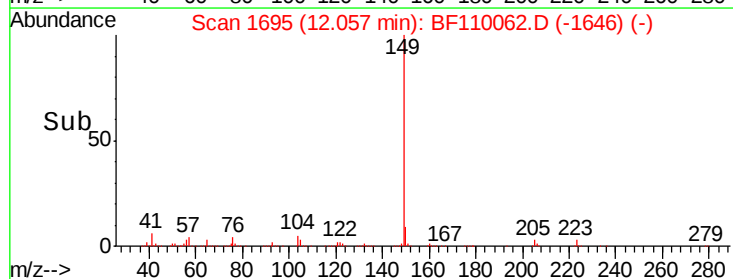
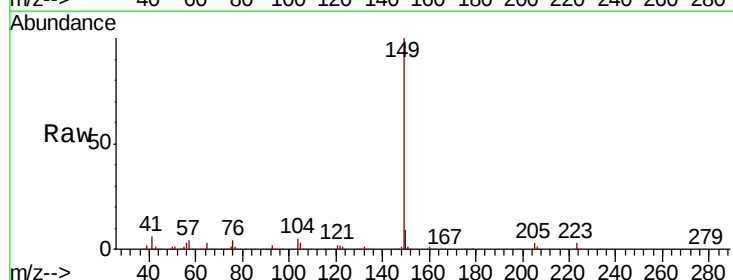
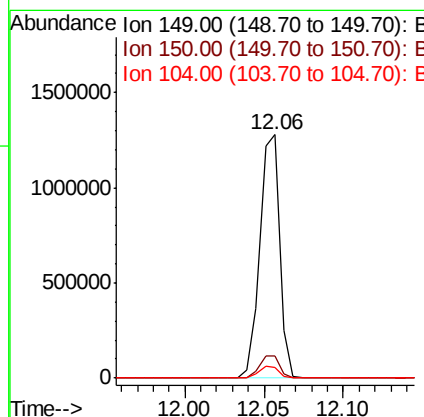
RT: 12.06 min Scan# 1695

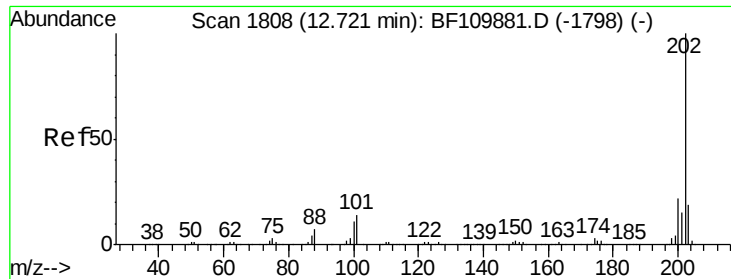
Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	149	Resp:	1122230
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.6	4.2	6.4





#75

Fluoranthene

Concen: 37.881 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

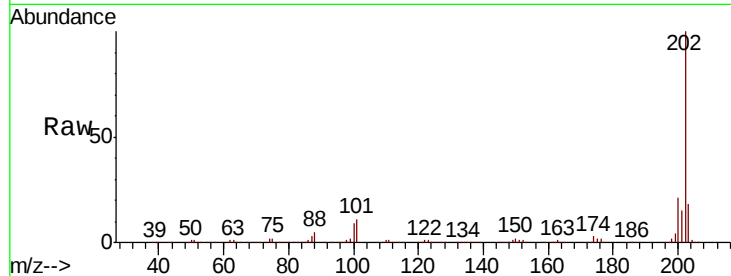
ClientSampled :

TP-AMS

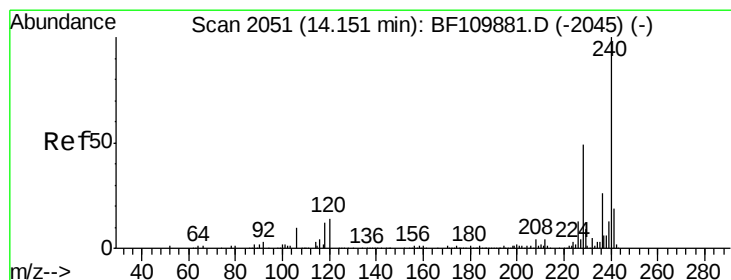
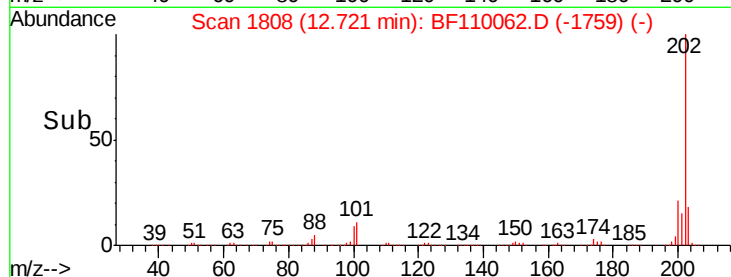
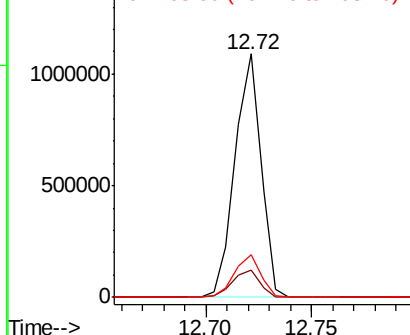
Tot Ion	Ratio	Resp	Lower	Upper
202	100	927296		
101	11.3	0.0	31.4	
203	17.6	0.0	37.7	

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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

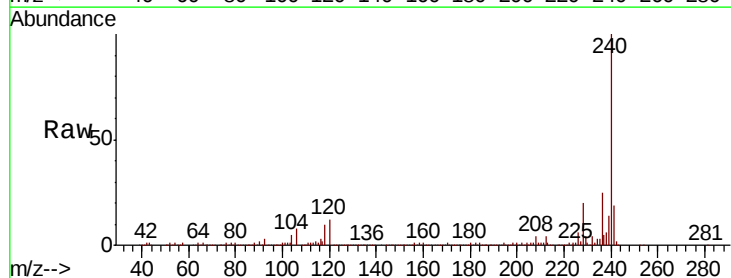
RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

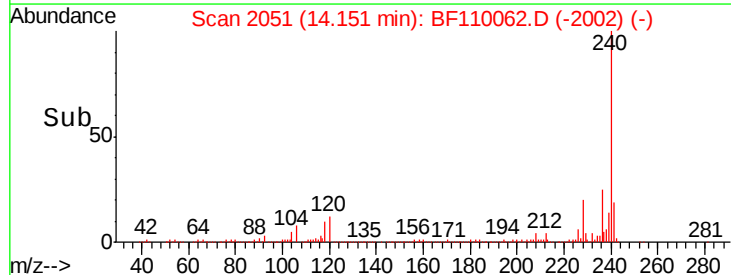
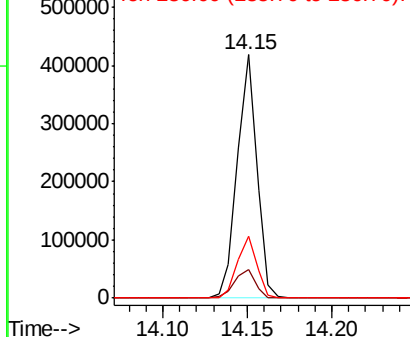
Lab File: BF110062.D

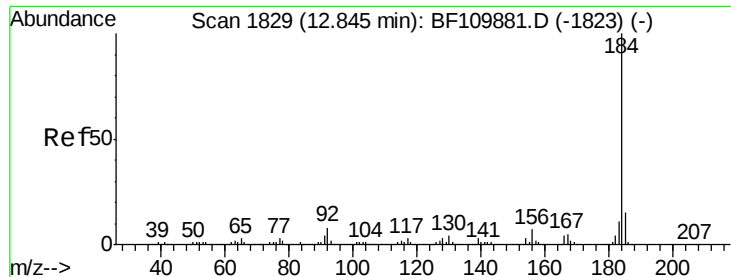
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	336164		
120	11.7	8.3	12.5	
236	25.3	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: 42.160 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

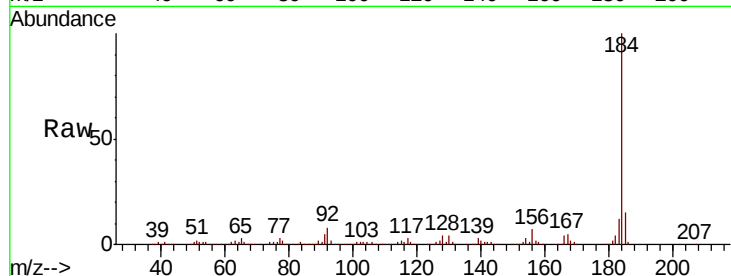
ClientSampleId :

TP-AMS

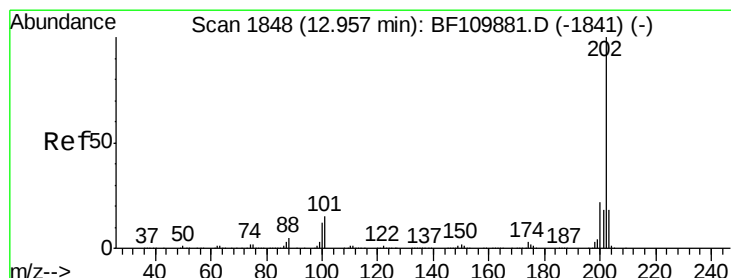
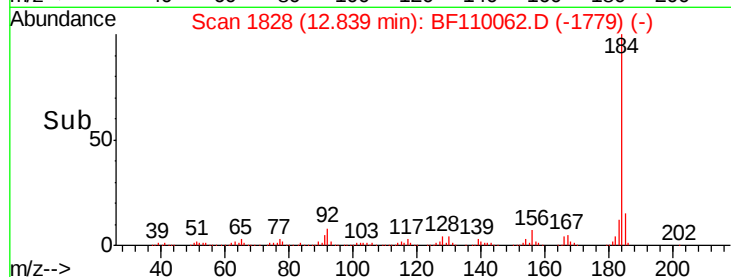
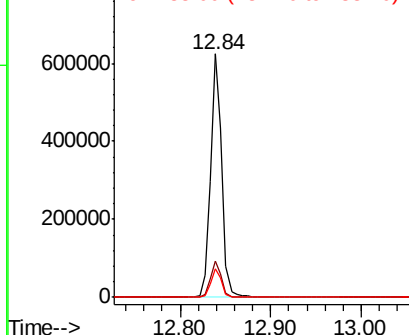
Tot Ion:	184	Resp:	543395
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.2
183	11.6	9.4	14.2

Manual Integrations
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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: 37.488 ng

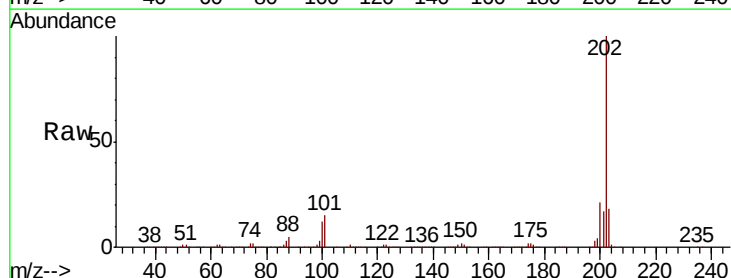
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

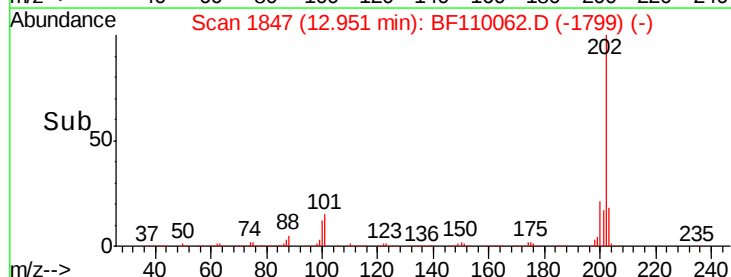
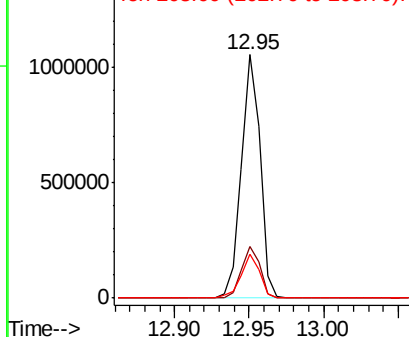
Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	202	Resp:	925599
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	18.2	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





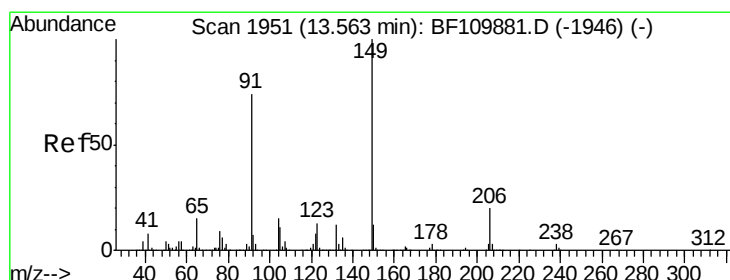
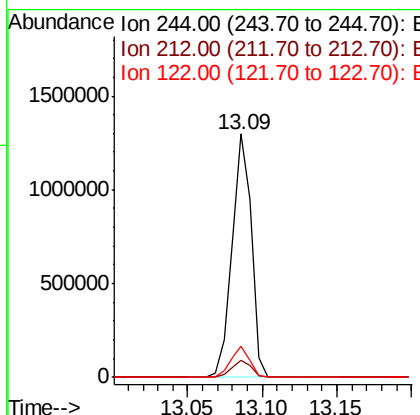
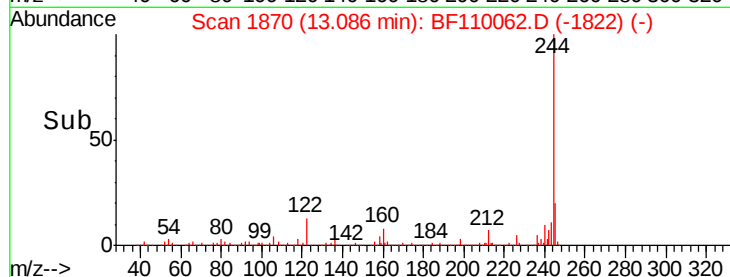
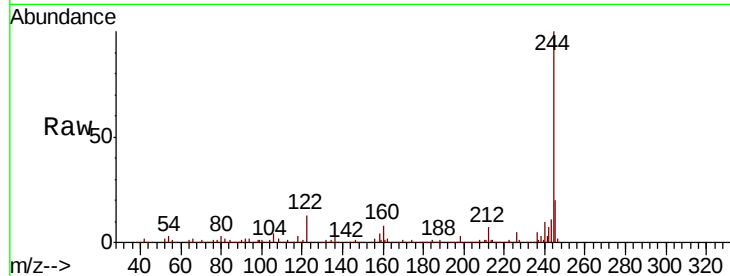
#79
 Terphenyl-d14
 Concen: 74.143 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.0	8.7	13.1

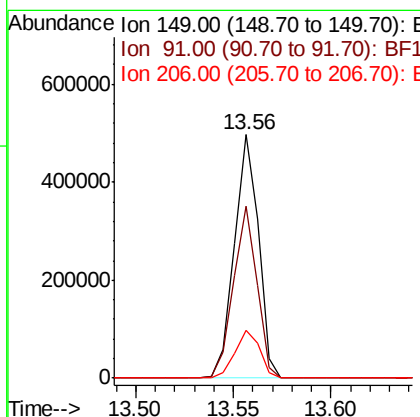
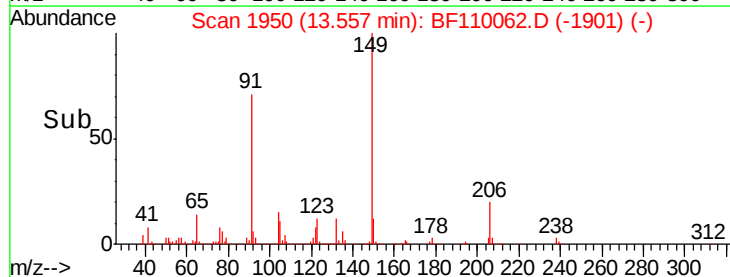
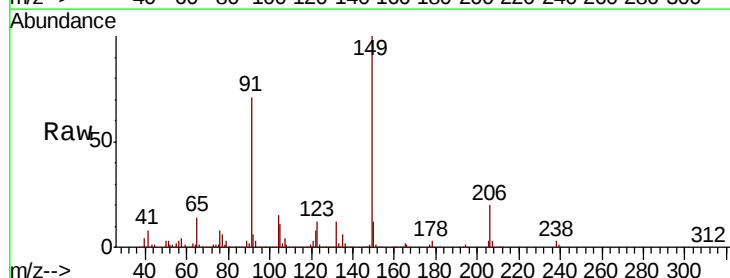
Manual Integrations
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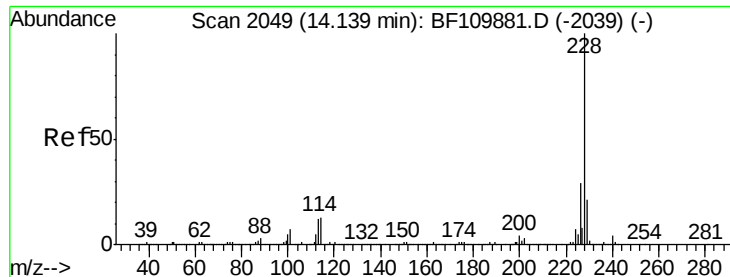
Sohil
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#80
 Butylbenzylphthalate
 Concen: 42.557 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110062.D
 Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.2	85.8
206	19.8	15.7	23.5





#81

Benzo(a)anthracene

Concen: 39.546 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

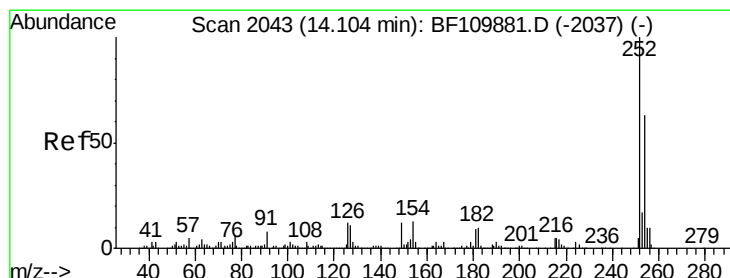
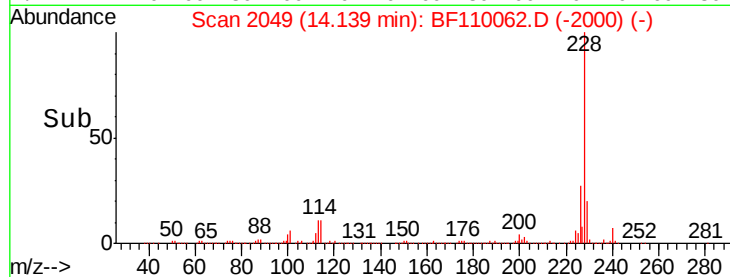
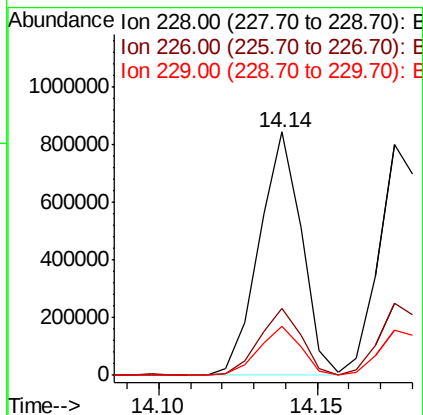
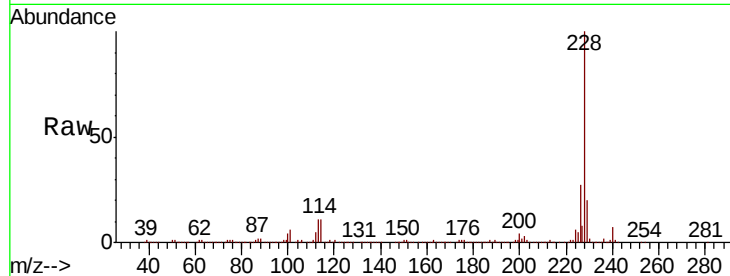
ClientSampled :

TP-AMS

Tot Ion:	228	Resp:	783041
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.1	33.1
229	20.0	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 35.657 ng

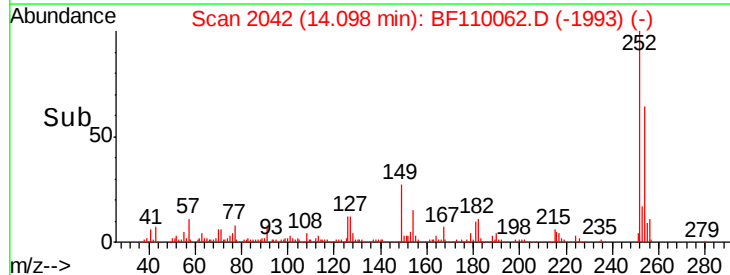
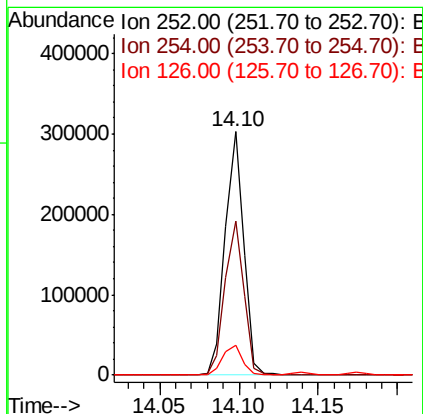
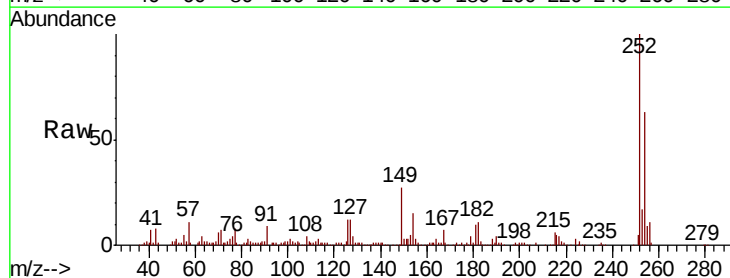
RT: 14.10 min Scan# 2042

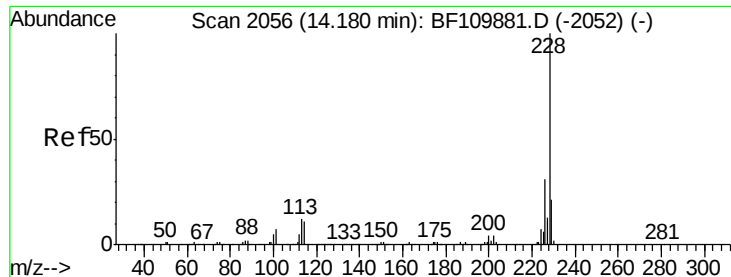
Delta R.T. -0.01 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Tgt Ion:	252	Resp:	247521
Ion Ratio	Lower	Upper	
252	100		
254	63.4	51.3	76.9
126	12.1	9.4	14.2





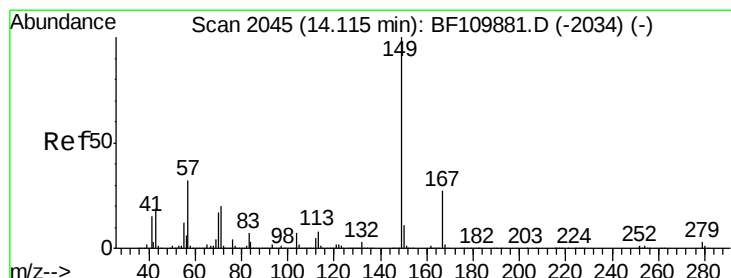
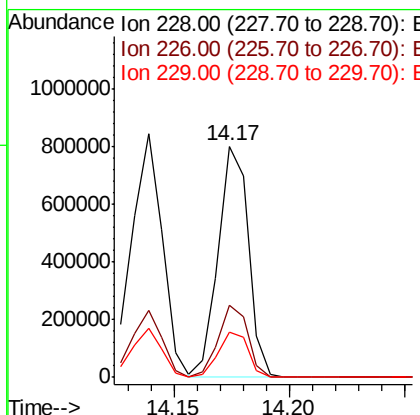
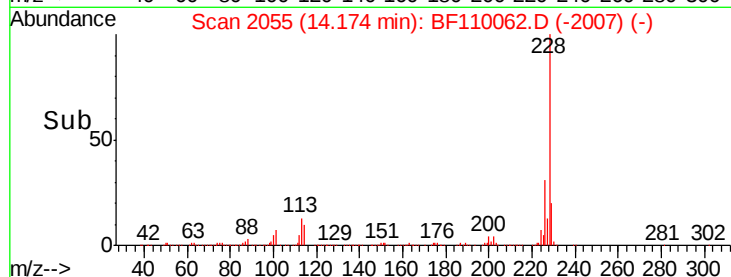
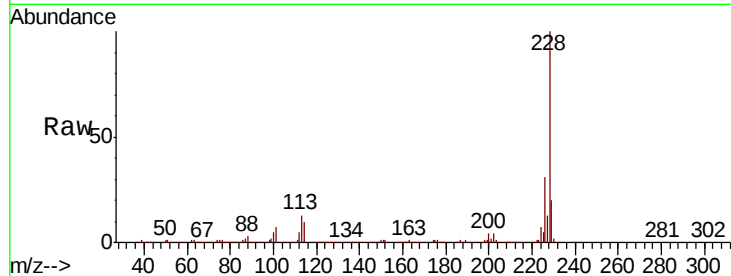
#83
Chrysene
Concen: 38.463 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	19.7	15.9	23.9

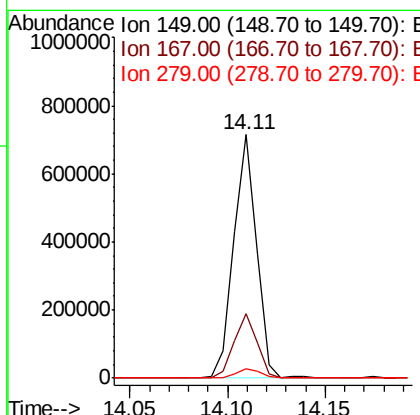
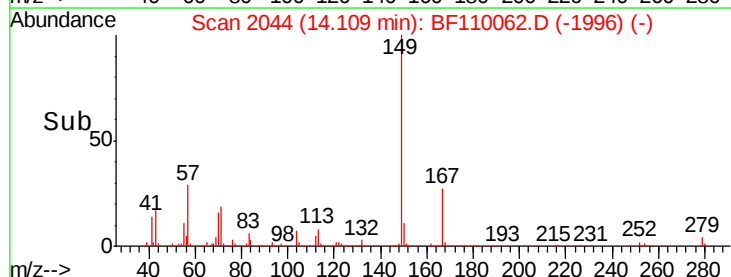
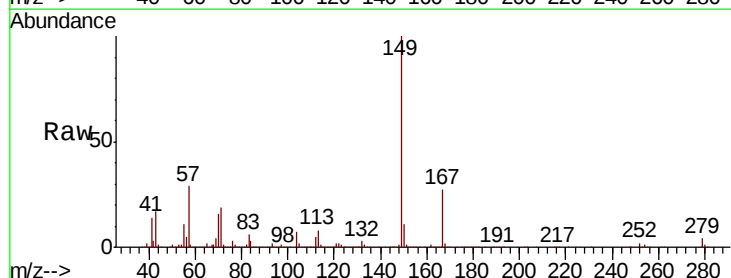
Manual Integrations
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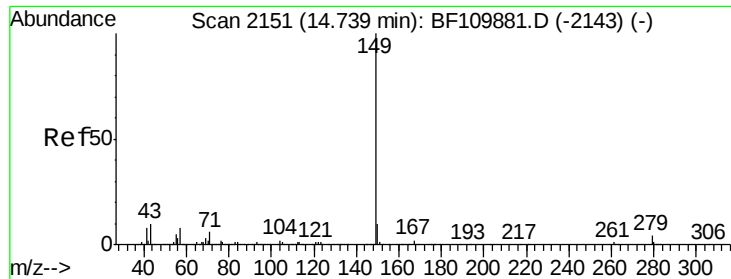
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.295 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.8	2.7	4.1





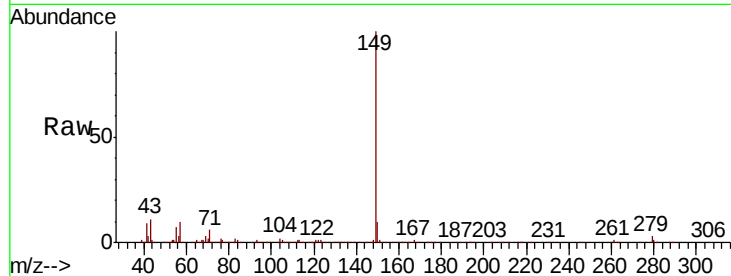
#85
Di-n-octyl phthalate
Concen: 50.537 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	935825		
167	1.7		1.1	1.7
43	10.3		7.8	11.8

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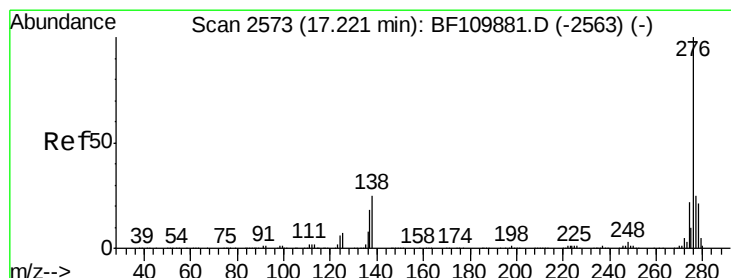
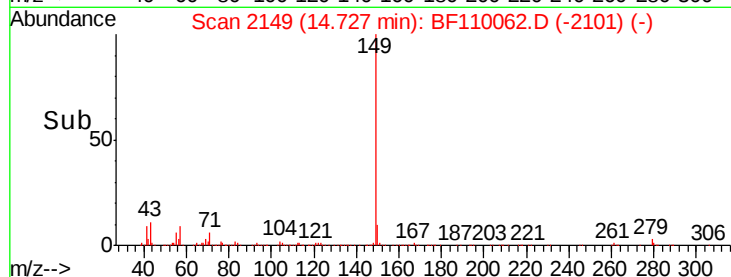
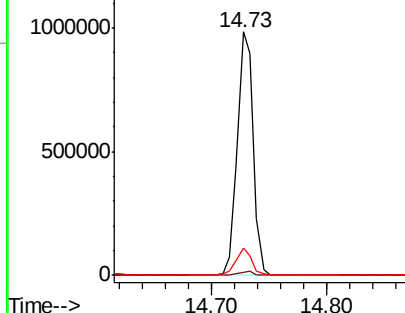


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.833 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

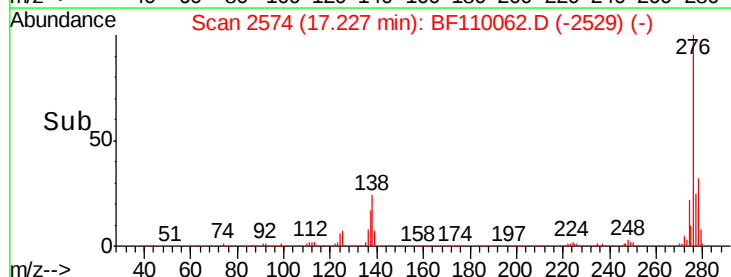
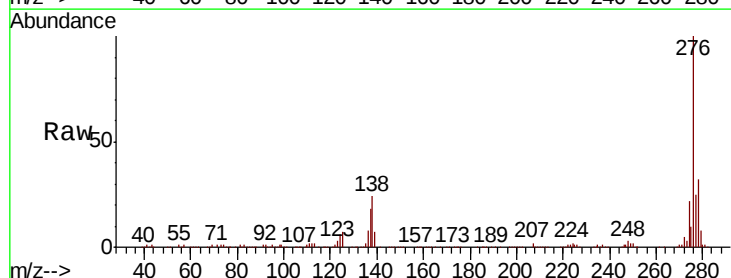
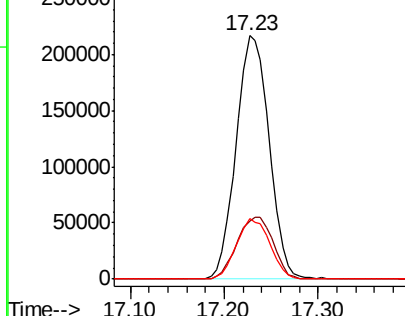
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	528596		
138	28.2		18.5	27.7#
277	25.4		20.0	30.0

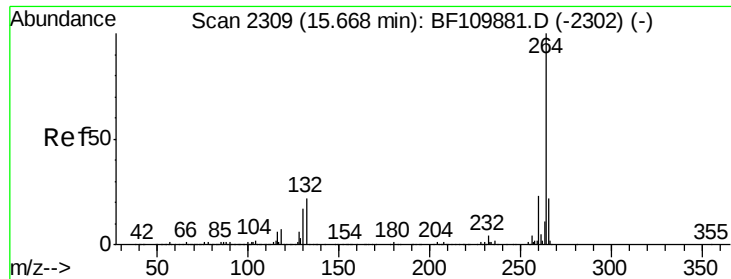
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110062.D

Acq: 22 Oct 2018 21:14

Instrument :

BNA_F

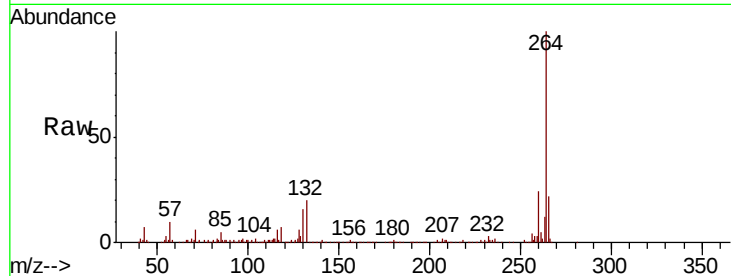
ClientSampleId :

TP-AMS

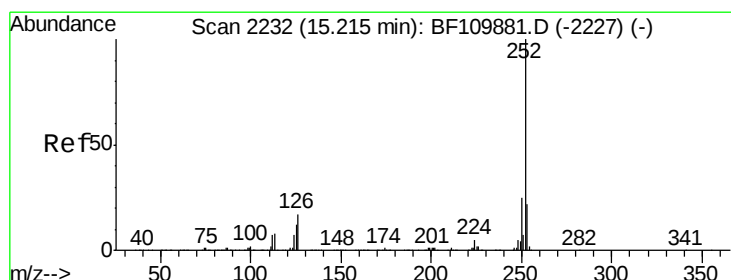
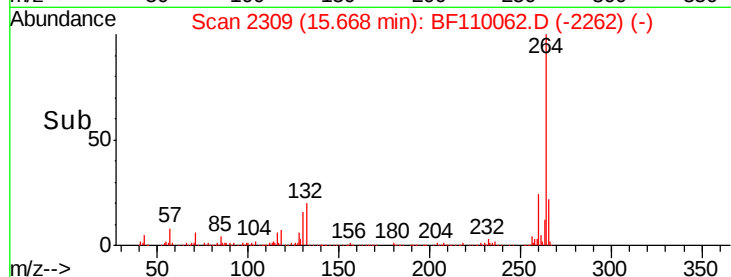
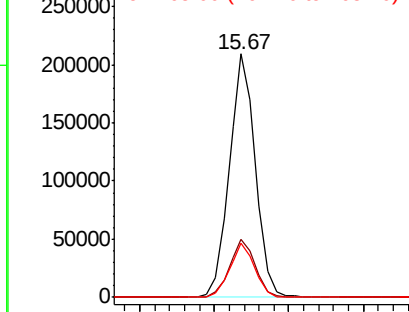
Tot Ion:	264	Resp:	254797
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	22.0	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.550 ng

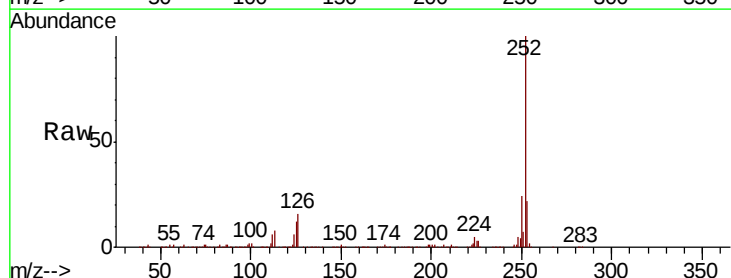
RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

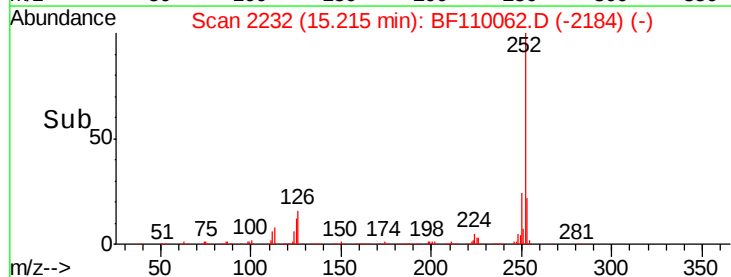
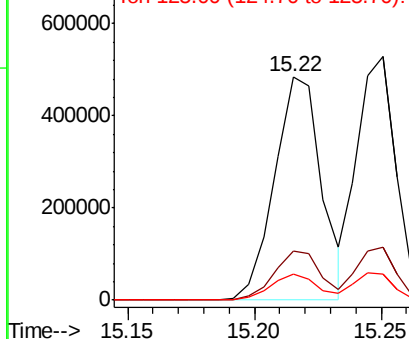
Lab File: BF110062.D

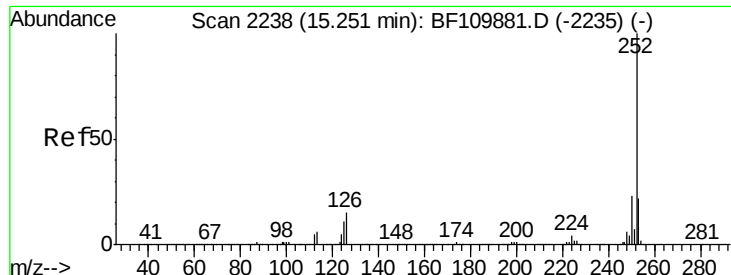
Acq: 22 Oct 2018 21:14

Tgt Ion:	252	Resp:	625046
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	11.7	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





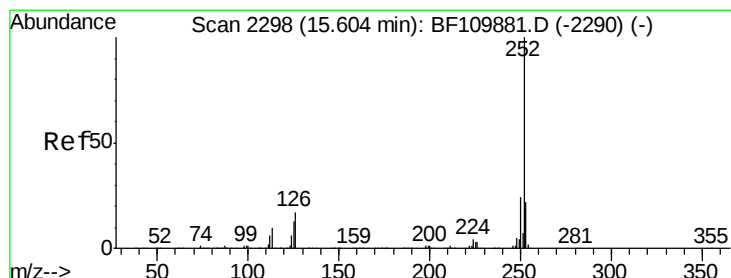
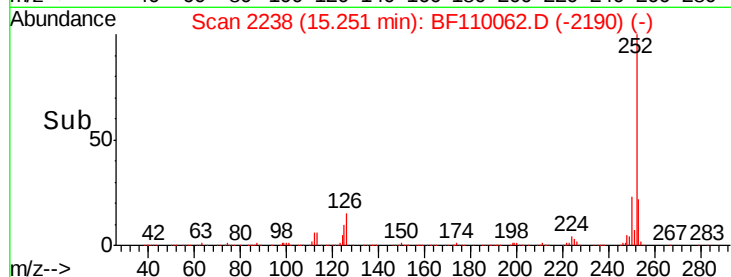
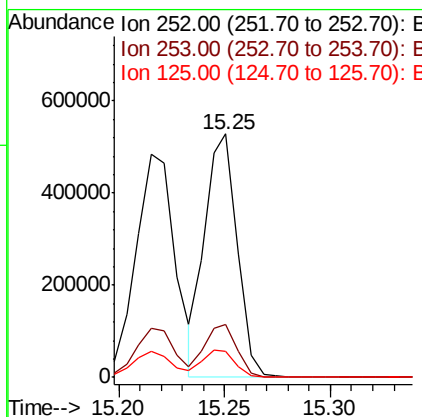
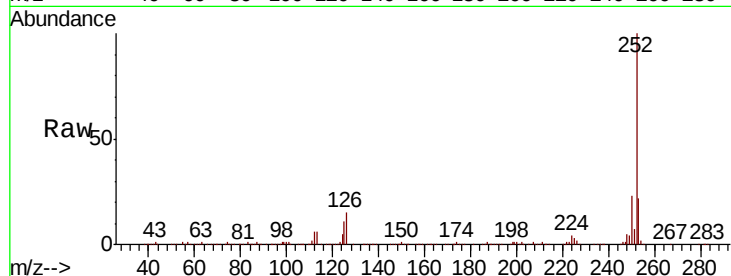
#89
Benzo(k)fluoranthene
Concen: 38.958 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.5	7.4	11.0

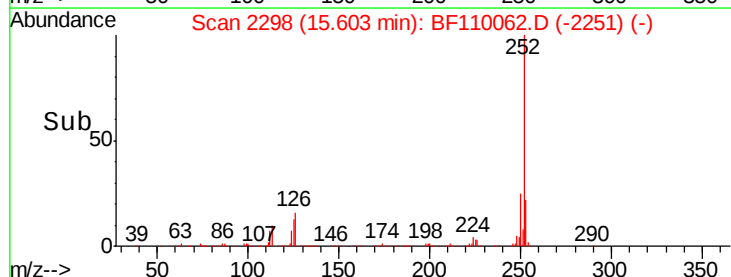
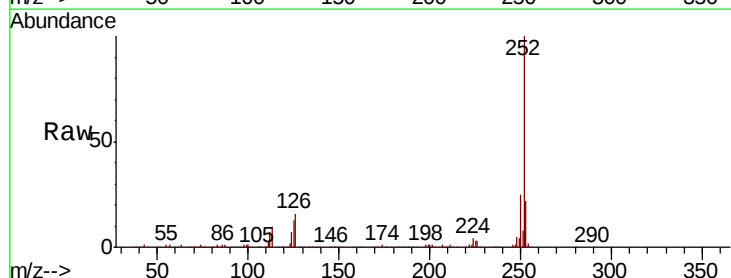
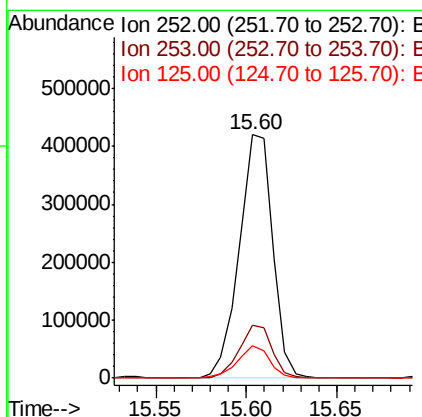
Manual Integrations
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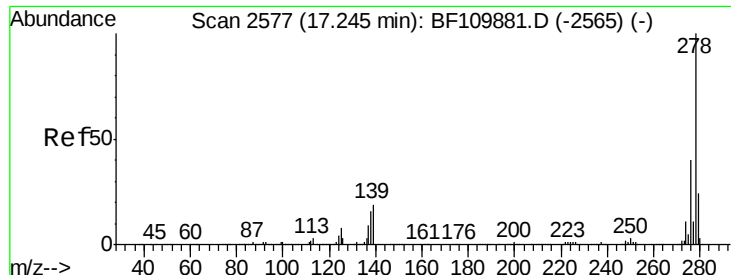
Sohil
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#90
Benzo(a)pyrene
Concen: 39.991 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	13.4	9.0	13.6





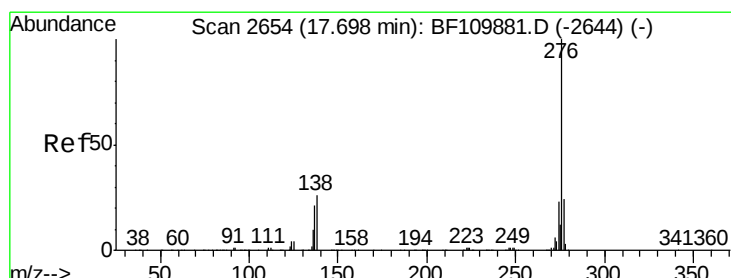
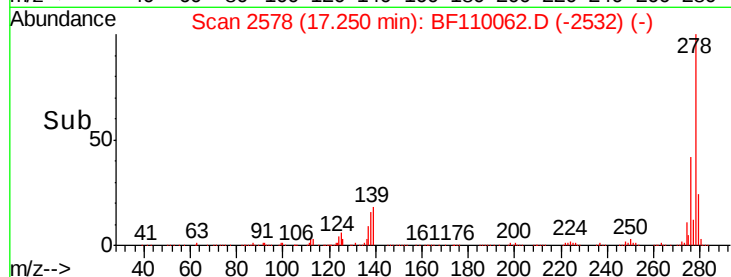
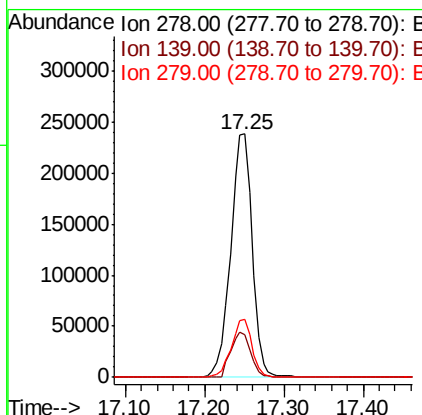
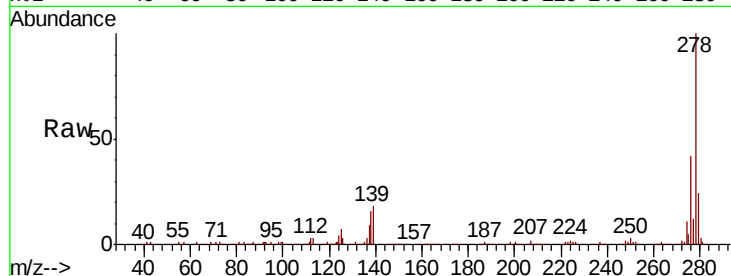
#91
Dibenzo(a,h)anthracene
Concen: 37.544 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.7	19.1
279	24.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:50 PM



#92
Benzo(g,h,i)perylene
Concen: 35.356 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.04 min
Lab File: BF110062.D
Acq: 22 Oct 2018 21:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.8	28.2
138	24.6	16.0	24.0#

